

Initial Calibration Report for SequenceID : FE091024AL

AreaCount

Parameter Range	FE049975.D	FE049976.D	FE049977.D	FE049978.D	FE049979.D	
Aliphatic C9-C12	39202436.000	20067036.000	8065804.000	4193454.000	2216007.000	
Aliphatic C12-C16	26226333.000	13423616.000	5383564.000	2805879.000	1474355.000	
Aliphatic C16-C21	38537481.000	19626750.000	7914285.000	4165187.000	2190375.000	
Aliphatic C21-C28	49000420.000	24889124.000	10075866.000	5311708.000	2825151.000	
Aliphatic C28-C40	67523360.000	34301823.000	13953065.000	7414568.000	4012676.000	
Aliphatic EPH	220490030.000	112308349.000	45392584.000	23890796.000	12718564.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	137280.1386664	4.88				
Aliphatic C12-C16	137537.275	4.687				
Aliphatic C16-C21	135214.5173332	5.304				
Aliphatic C21-C28	129389.049	5.939				
Aliphatic C28-C40	120097.1769996	7.254				
Aliphatic EPH	129483.2097774	5.894				

Concentration

Parameter Range	FE049975.D	FE049976.D	FE049977.D	FE049978.D	FE049979.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE049975.D	FE049976.D	FE049977.D	FE049978.D	FE049979.D	
Aliphatic C9-C12	130674.786666	133780.240000	134430.066666	139781.800000	147733.800000	
Aliphatic C12-C16	131131.665000	134236.160000	134589.100000	140293.950000	147435.500000	
Aliphatic C16-C21	128458.270000	130845.000000	131904.750000	138839.566666	146025.000000	

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Aliphatic C21-C28	122501.050000	124445.620000	125948.325000	132792.700000	141257.550000	
Aliphatic C28-C40	112538.933333	114339.410000	116275.541666	123576.133333	133755.866666	
Aliphatic EPH	122494.461111	124787.054444	126090.511111	132726.644444	141317.377777	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049975.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 14:45
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 09 16:13:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 16:11:00 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.887	14118068	98.735 ug/ml
Spiked Amount 50.000		Recovery =	197.47%
12) S 1-chlorooctadecane (S...	13.320	10830362	99.145 ug/ml
Spiked Amount 50.000		Recovery =	198.29%
Target Compounds			
1) T n-Nonane (C9)	3.270	12886910	98.518 ug/ml
2) T n-Decane (C10)	4.522	13133580	98.626 ug/ml
3) T A~Naphthalene (C11.7)	6.230	13885004	100.189 ug/ml
4) T n-Dodecane (C12)	6.690	13181946	98.605 ug/ml
5) T A~2-methylnaphthalene...	7.327	13176803	100.756 ug/ml
6) T n-Tetradecane (C14)	8.517	12959423	98.629 ug/ml
7) T n-Hexadecane (C16)	10.125	13266910	98.767 ug/ml
8) T n-Octadecane (C18)	11.568	13324154	98.739 ug/ml
10) T n-Eicosane (C20)	12.874	12716818	98.589 ug/ml
11) T n-Heneicosane (C21)	13.486	12496509	98.698 ug/ml
13) T n-Docosane (C22)	14.072	12384691	98.683 ug/ml
14) T n-Tetracosane (C24)	15.174	12332065	98.551 ug/ml
15) T n-Hexacosane (C26)	16.194	12160184	98.720 ug/ml
16) T n-Octacosane (C28)	17.141	12123480	98.496 ug/ml
17) T n-Tricontane (C30)	18.028	12471897	98.352 ug/ml
18) T n-Dotriacontane (C32)	18.860	12352501	98.073 ug/ml
19) T n-Tetratriacontane (C34)	19.644	11492124	98.023 ug/ml
20) T n-Hexatriacontane (C36)	20.383	10538246	99.396 ug/ml
21) T n-Octatriacontane (C38)	21.111	10439697	98.472 ug/ml
22) T n-Tetracontane (C40)	22.007	10228895	97.976 ug/ml

(f)=RT Delta > 1/2 Window

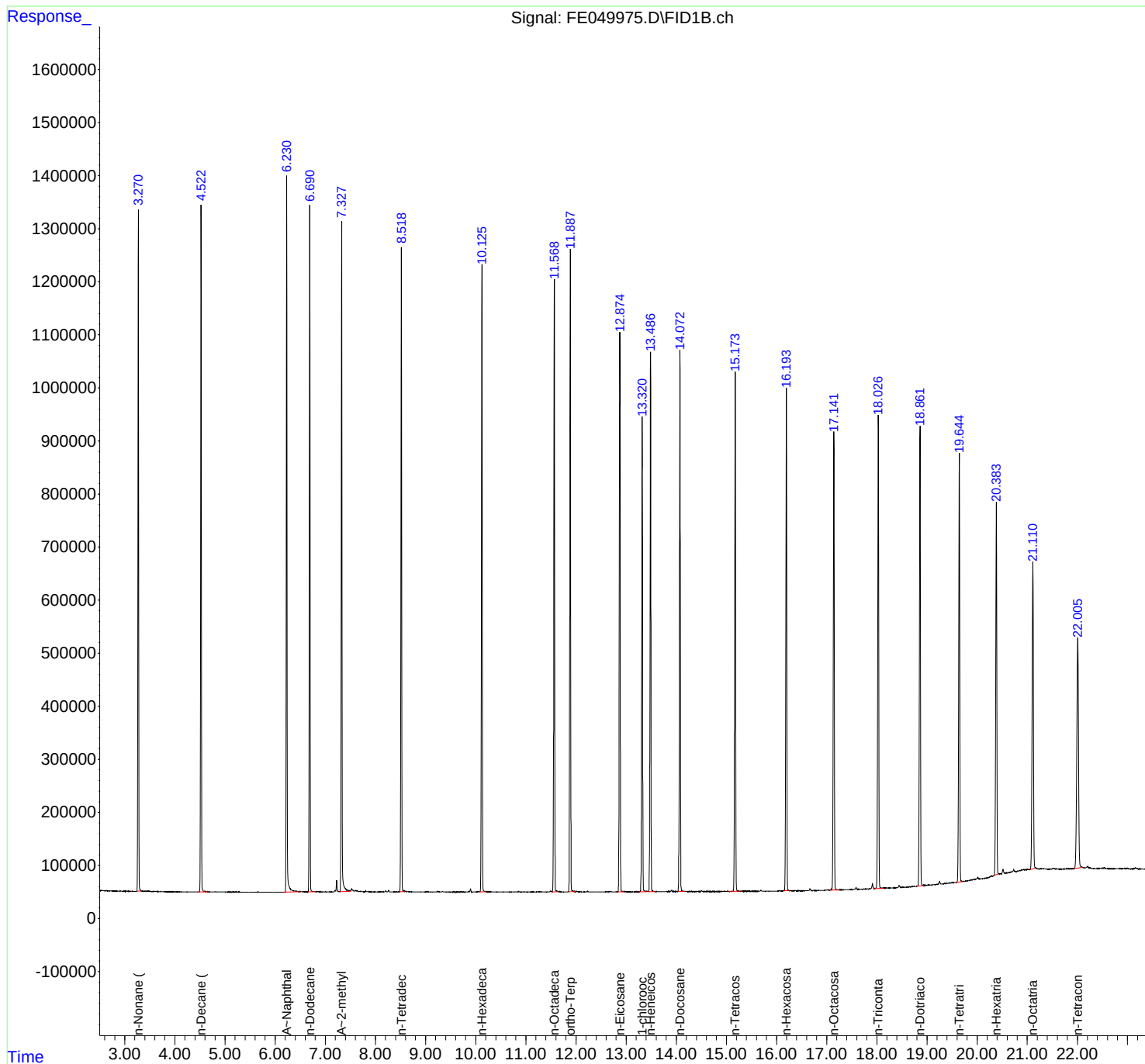
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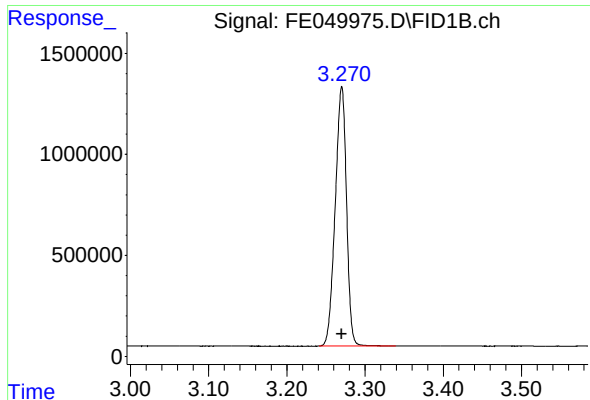
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Data File : FE049975.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 14:45
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Sep 09 16:13:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 16:11:00 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

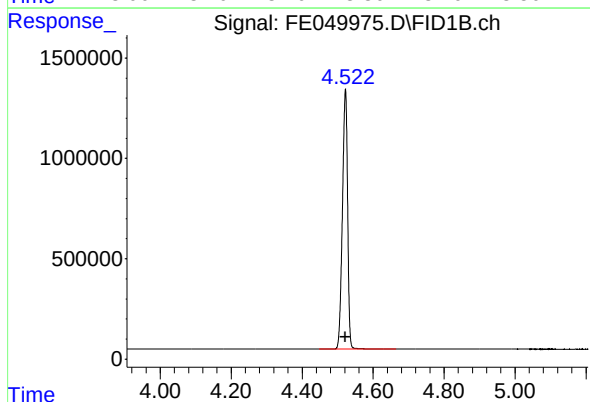




#1 n-Nonane (C9)

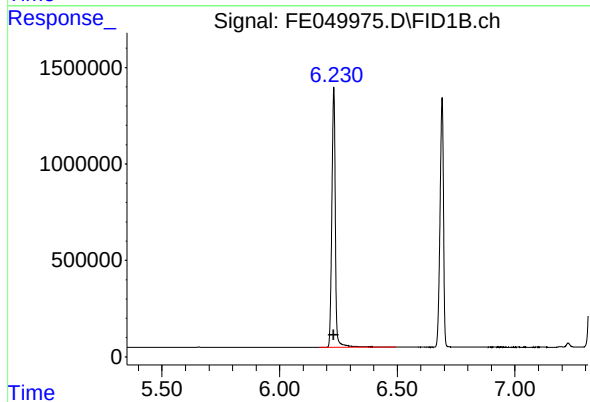
R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 12886910
Conc: 98.52 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



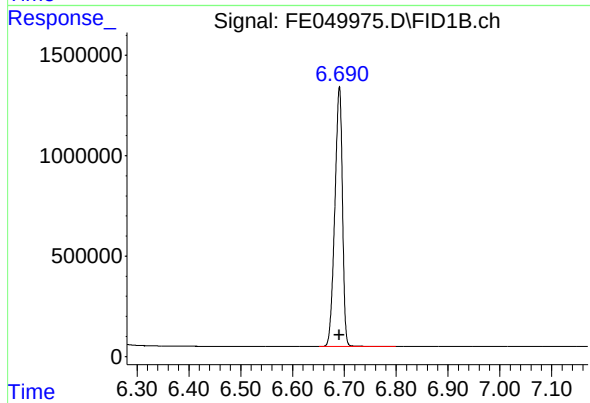
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 13133580
Conc: 98.63 ug/ml



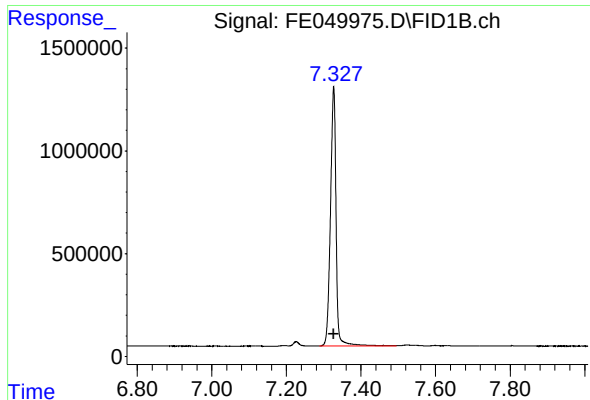
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 13885004
Conc: 100.19 ug/ml



#4 n-Dodecane (C12)

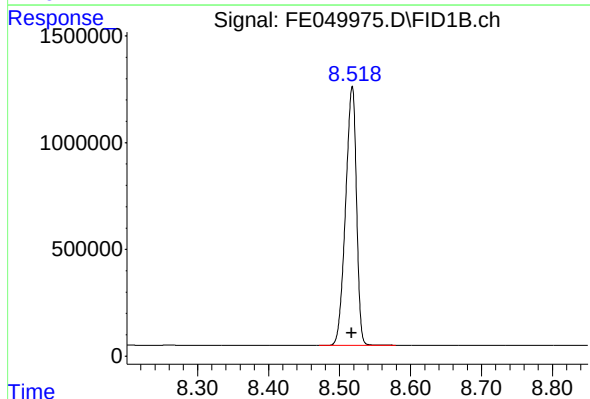
R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 13181946
Conc: 98.60 ug/ml



#5 A~2-methylnaphthalene (C12.89)

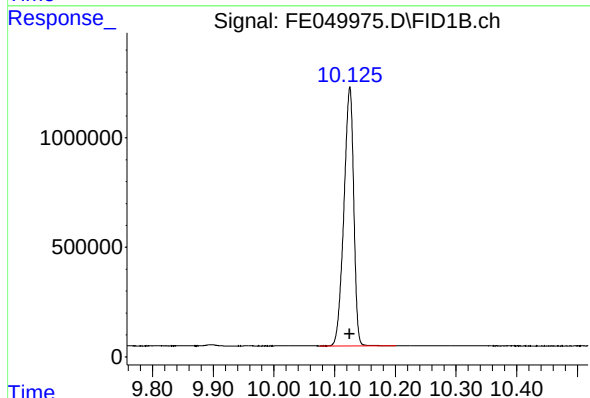
R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 13176803
Conc: 100.76 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



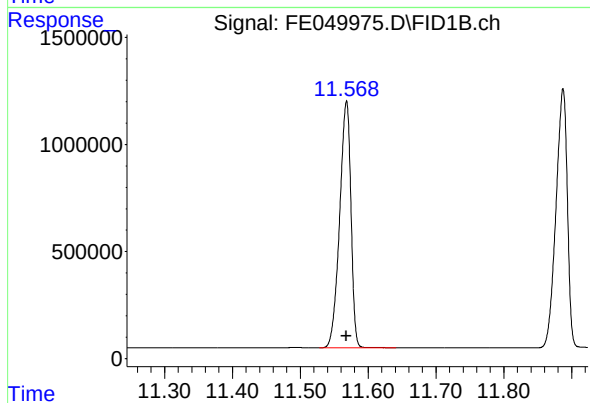
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 12959423
Conc: 98.63 ug/ml



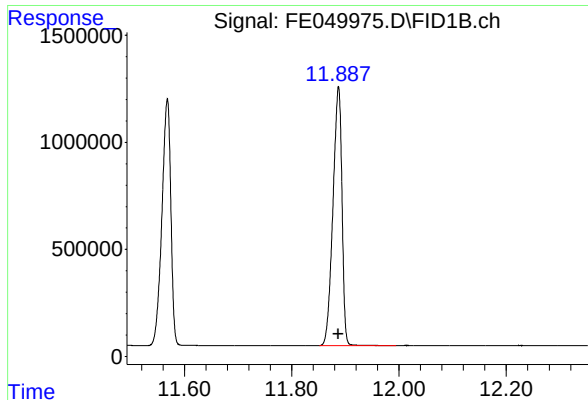
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: 0.000 min
Response: 13266910
Conc: 98.77 ug/ml



#8 n-Octadecane (C18)

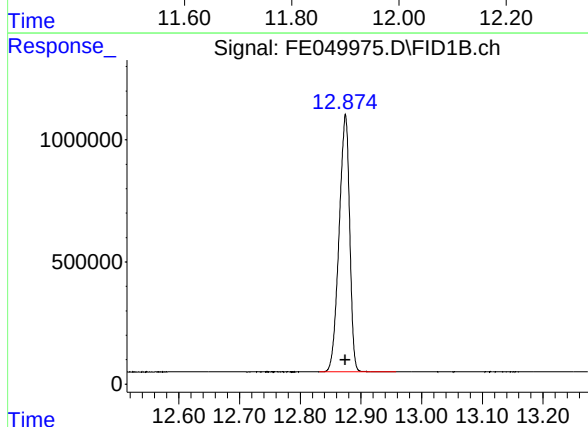
R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 13324154
Conc: 98.74 ug/ml



#9 ortho-Terphenyl (SURR)

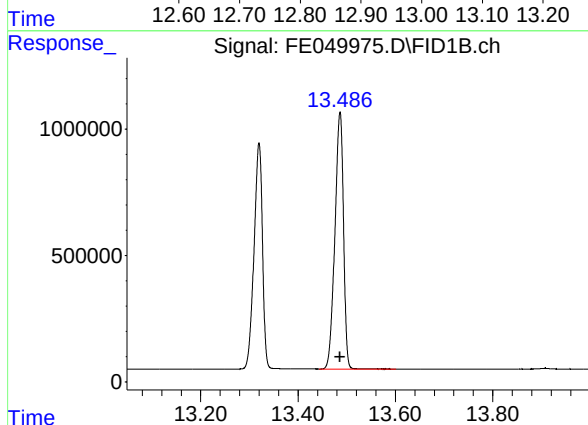
R.T.: 11.887 min
Delta R.T.: 0.000 min
Response: 14118068
Conc: 98.74 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



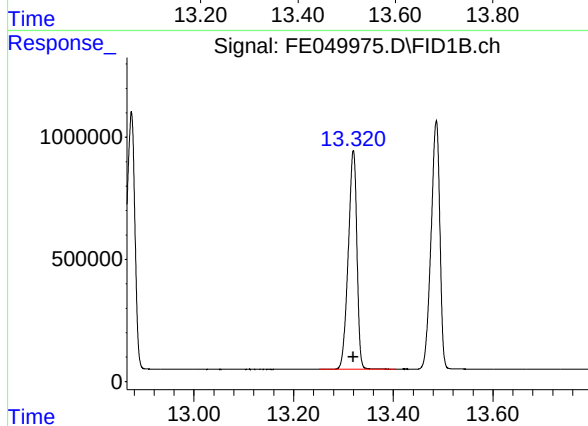
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.000 min
Response: 12716818
Conc: 98.59 ug/ml



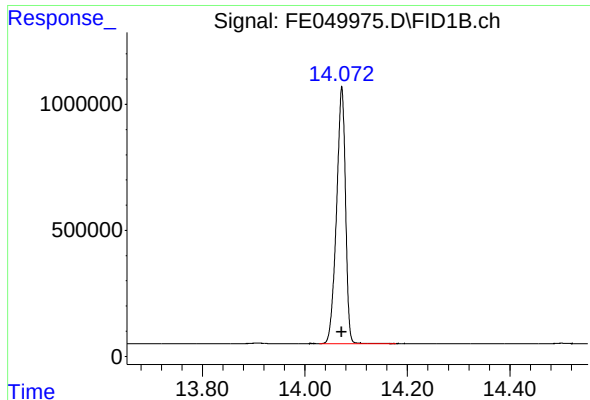
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: 0.000 min
Response: 12496509
Conc: 98.70 ug/ml



#12 1-chlorooctadecane (SURR)

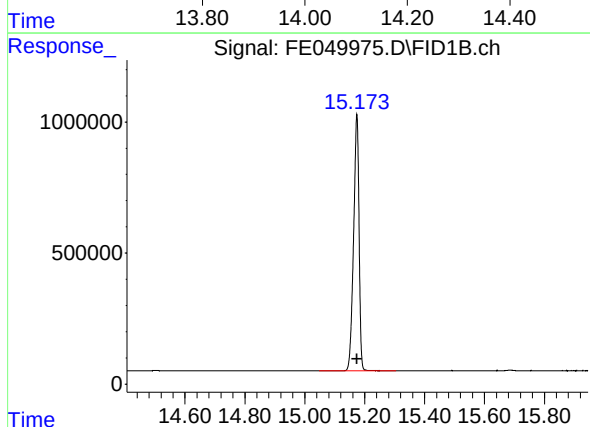
R.T.: 13.320 min
Delta R.T.: 0.000 min
Response: 10830362
Conc: 99.14 ug/ml



#13 n-Docosane (C22)

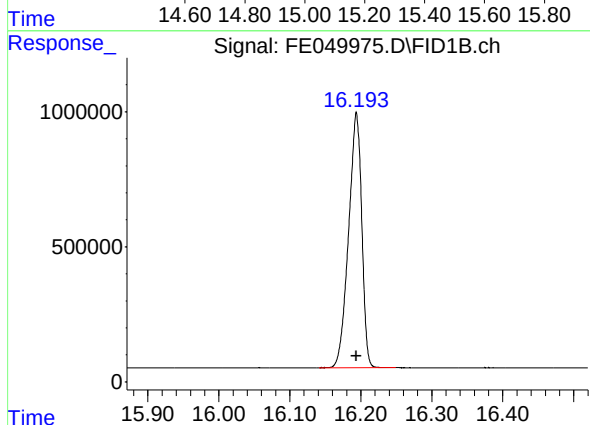
R.T.: 14.072 min
Delta R.T.: 0.000 min
Response: 12384691
Conc: 98.68 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



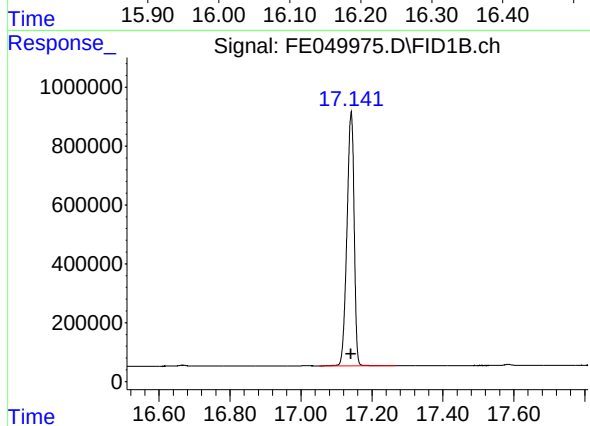
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: 0.000 min
Response: 12332065
Conc: 98.55 ug/ml



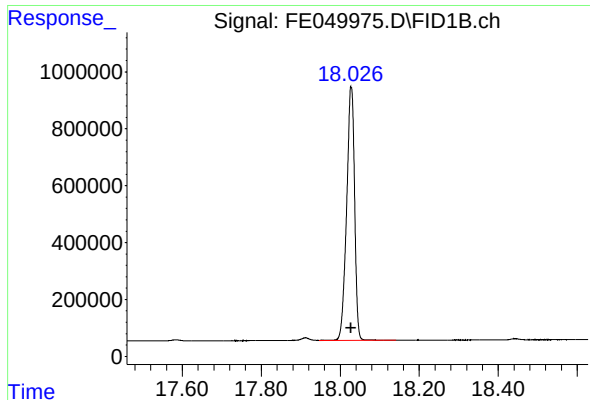
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: 0.000 min
Response: 12160184
Conc: 98.72 ug/ml



#16 n-Octacosane (C28)

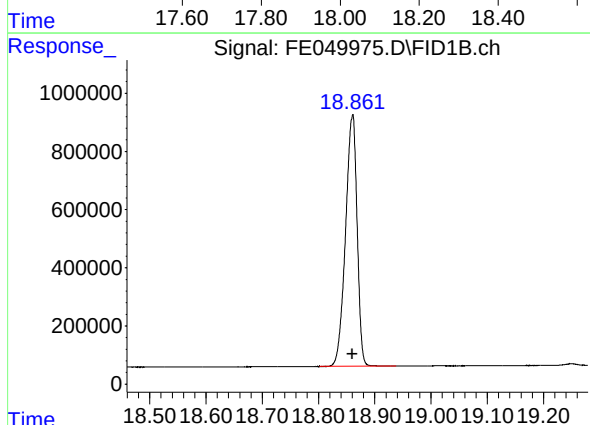
R.T.: 17.141 min
Delta R.T.: 0.000 min
Response: 12123480
Conc: 98.50 ug/ml



#17 n-Tricontane (C30)

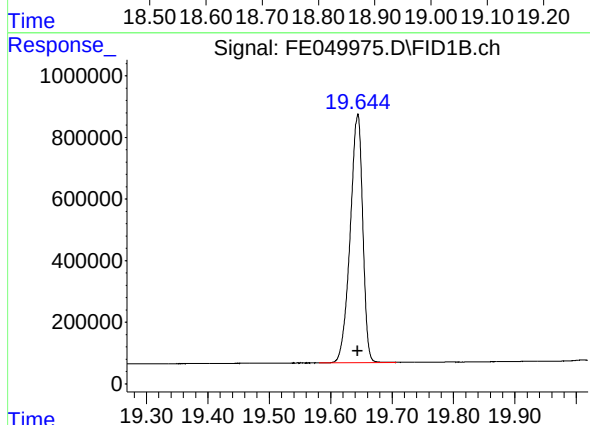
R.T.: 18.028 min
Delta R.T.: 0.000 min
Response: 12471897
Conc: 98.35 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



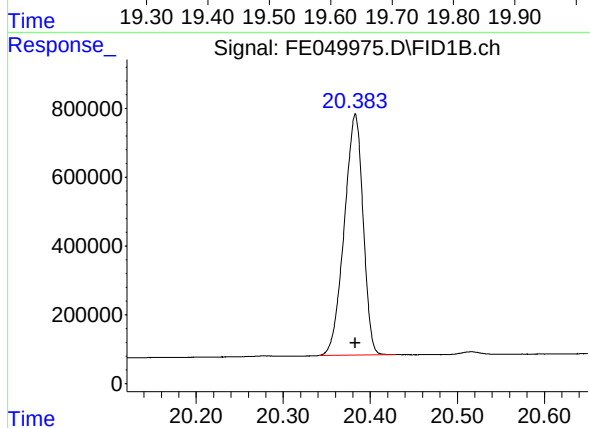
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: 0.000 min
Response: 12352501
Conc: 98.07 ug/ml



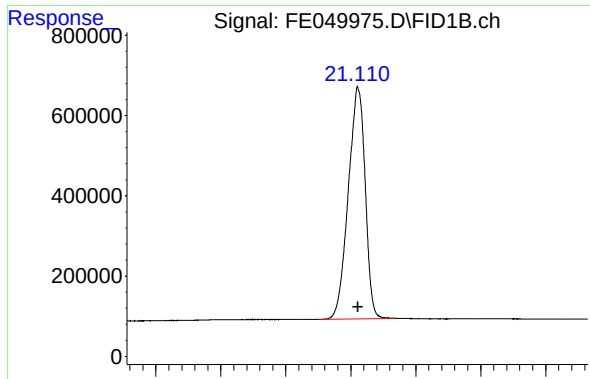
#19 n-Tetatriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.000 min
Response: 11492124
Conc: 98.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: 0.000 min
Response: 10538246
Conc: 99.40 ug/ml



#21 n-Octatriacontane (C38)

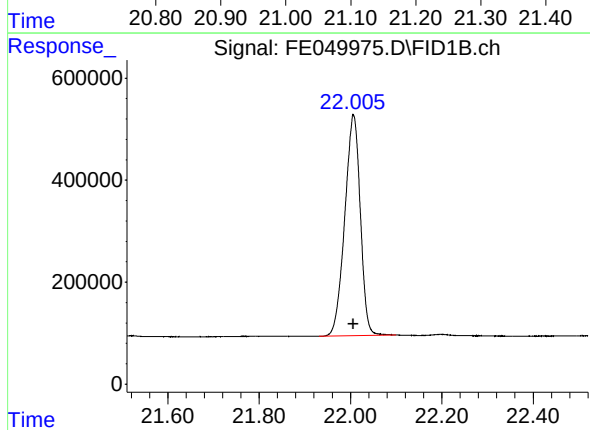
R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 10439697
Conc: 98.47 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.000 min
Response: 10228895
Conc: 97.98 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049975.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 14:45
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.270	3.241	3.339	BBA	1291250	12886910	91.28%	4.729%
2	4.522	4.448	4.664	BB	1285260	13133580	93.03%	4.820%
3	6.230	6.168	6.494	BB	1357986	13885004	98.35%	5.095%
4	6.690	6.651	6.799	BBA	1307023	13181946	93.37%	4.837%
5	7.327	7.288	7.494	PV	1273914	13176803	93.33%	4.836%
6	8.517	8.471	8.579	BBA	1217701	12959423	91.79%	4.756%
7	10.125	10.074	10.201	PBA	1176921	13266910	93.97%	4.869%
8	11.568	11.528	11.641	PBA	1152873	13324154	94.38%	4.890%
9	11.887	11.851	11.994	BV	1220577	14118068	100.00%	5.181%
10	12.874	12.831	12.958	BV	1053901	12716818	90.07%	4.667%
11	13.320	13.251	13.405	BV	899747	10830362	76.71%	3.974%
12	13.486	13.443	13.601	VB	1027296	12496509	88.51%	4.586%
13	14.072	14.028	14.178	BB	1012151	12384691	87.72%	4.545%
14	15.174	15.048	15.304	BB	982109	12332065	87.35%	4.526%
15	16.194	16.141	16.249	BBA	943017	12160184	86.13%	4.462%
16	17.141	17.051	17.268	BB	858570	12123480	85.87%	4.449%
17	18.028	17.946	18.141	VB	893575	12471897	88.34%	4.577%
18	18.860	18.801	18.938	BB	871851	12352501	87.49%	4.533%
19	19.644	19.581	19.706	BV	809920	11492124	81.40%	4.217%
20	20.383	20.341	20.429	BBA	696642	10538246	74.64%	3.867%
21	21.111	21.051	21.169	BBA	576102	10439697	73.95%	3.831%
22	22.007	21.931	22.099	BBA	432619	10228895	72.45%	3.754%
Sum of corrected areas:						272500267		

Aliphatic EPH 091024.M Tue Sep 10 01:34:38 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049976.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 15:15
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 09 16:15:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 16:11:00 2024
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Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.881	7177033	50.128 ug/ml
Spiked Amount 50.000		Recovery =	100.26%
12) S 1-chlorooctadecane (S...	13.315	5486804	50.152 ug/ml
Spiked Amount 50.000		Recovery =	100.30%
Target Compounds			
1) T n-Nonane (C9)	3.267	6591771	50.261 ug/ml
2) T n-Decane (C10)	4.518	6718835	50.302 ug/ml
3) T A~Naphthalene (C11.7)	6.226	7037063	50.515 ug/ml
4) T n-Dodecane (C12)	6.686	6756430	50.359 ug/ml
5) T A~2-methylnaphthalene...	7.323	6616835	50.395 ug/ml
6) T n-Tetradecane (C14)	8.514	6633277	50.321 ug/ml
7) T n-Hexadecane (C16)	10.120	6790339	50.366 ug/ml
8) T n-Octadecane (C18)	11.562	6799156	50.256 ug/ml
10) T n-Eicosane (C20)	12.870	6472873	50.121 ug/ml
11) T n-Heneicosane (C21)	13.481	6354721	50.126 ug/ml
13) T n-Docosane (C22)	14.067	6285085	50.054 ug/ml
14) T n-Tetracosane (C24)	15.168	6253768	49.984 ug/ml
15) T n-Hexacosane (C26)	16.188	6172556	50.074 ug/ml
16) T n-Octacosane (C28)	17.138	6177715	50.126 ug/ml
17) T n-Tricontane (C30)	18.024	6354286	50.073 ug/ml
18) T n-Dotriacontane (C32)	18.856	6288177	49.950 ug/ml
19) T n-Tetratriacontane (C34)	19.638	5841480	49.883 ug/ml
20) T n-Hexatriacontane (C36)	20.378	5286964	49.911 ug/ml
21) T n-Octatriacontane (C38)	21.104	5289296	49.927 ug/ml
22) T n-Tetracontane (C40)	21.998	5241620	50.137 ug/ml

(f)=RT Delta > 1/2 Window

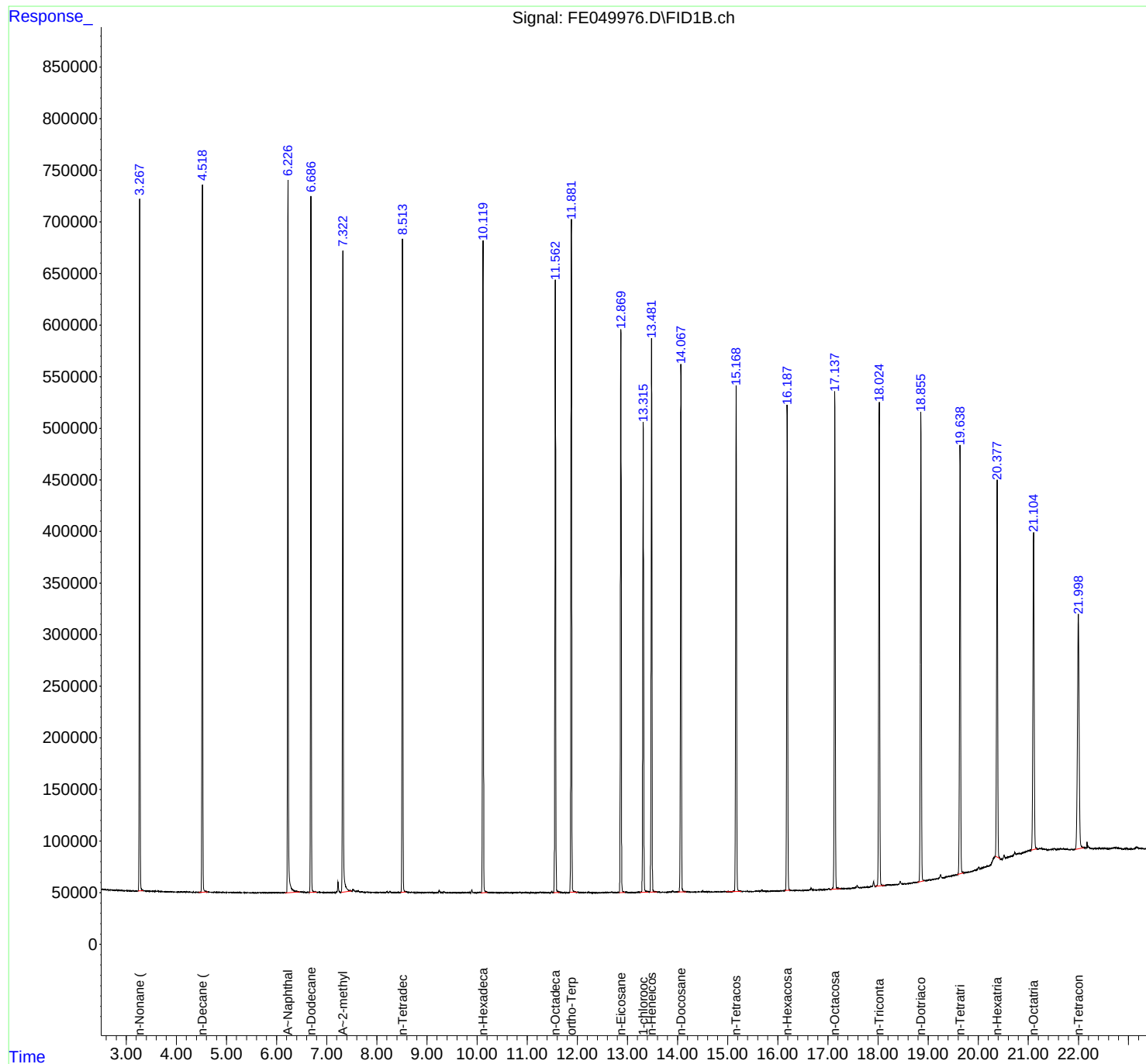
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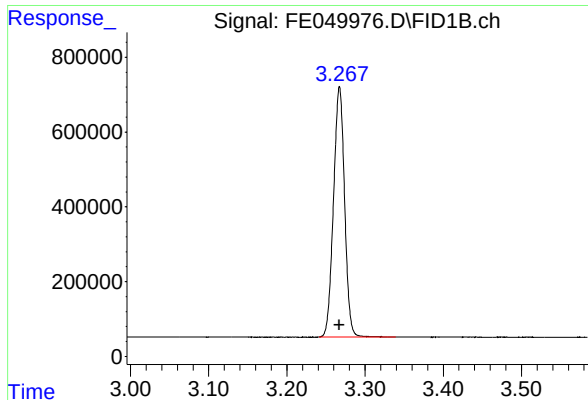
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049976.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 15:15
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Sep 09 16:15:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Quant Title : GC Extractables
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

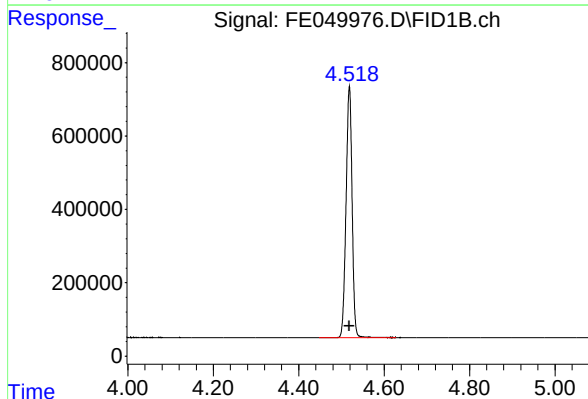




#1 n-Nonane (C9)

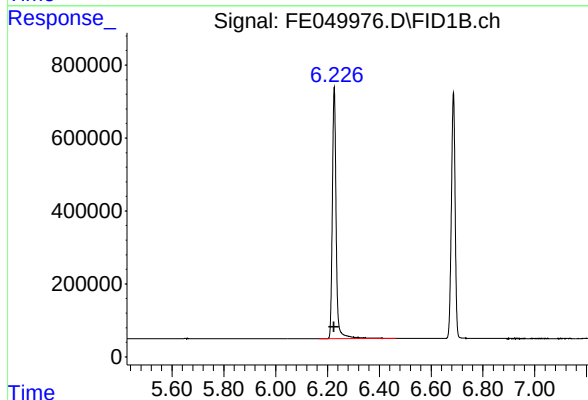
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 6591771
Conc: 50.26 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



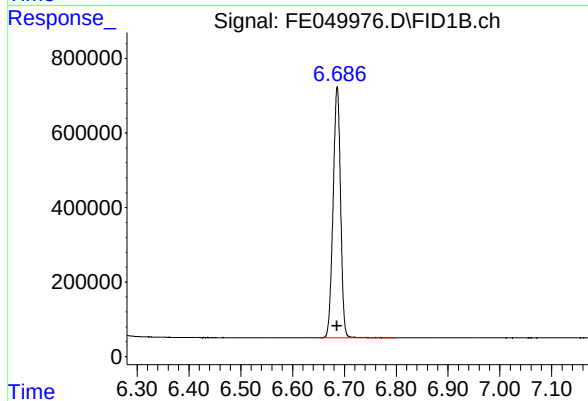
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 6718835
Conc: 50.30 ug/ml



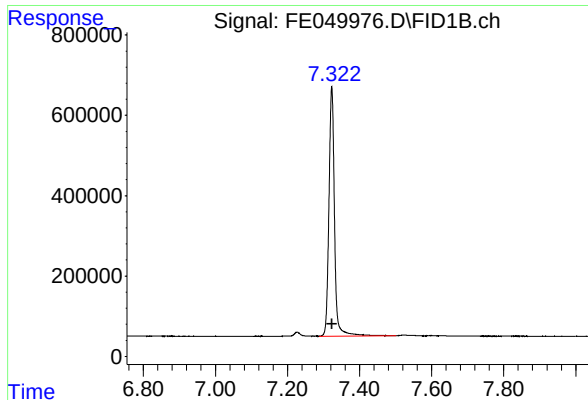
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 7037063
Conc: 50.52 ug/ml



#4 n-Dodecane (C12)

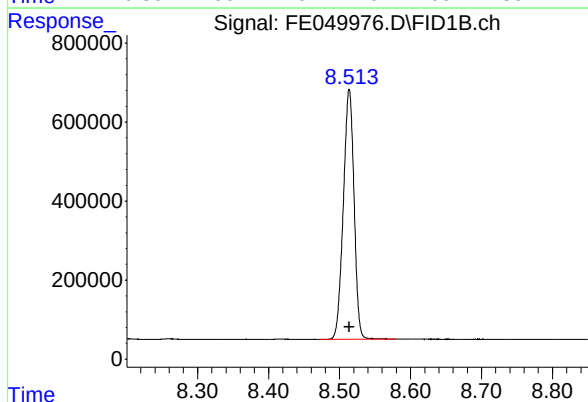
R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 6756430
Conc: 50.36 ug/ml



#5 A~2-methylnaphthalene (C12.89)

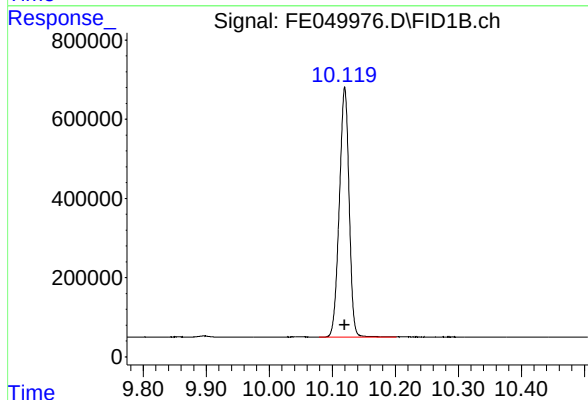
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 6616835
Conc: 50.40 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



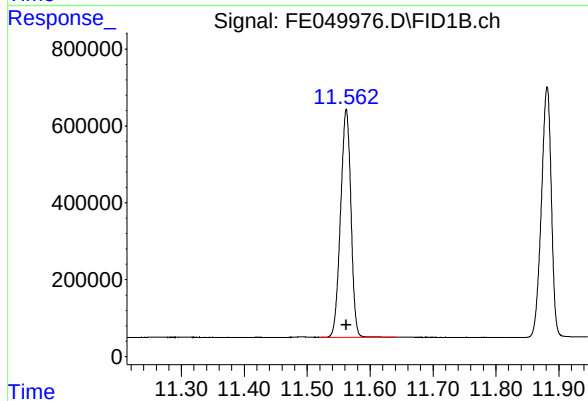
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 6633277
Conc: 50.32 ug/ml



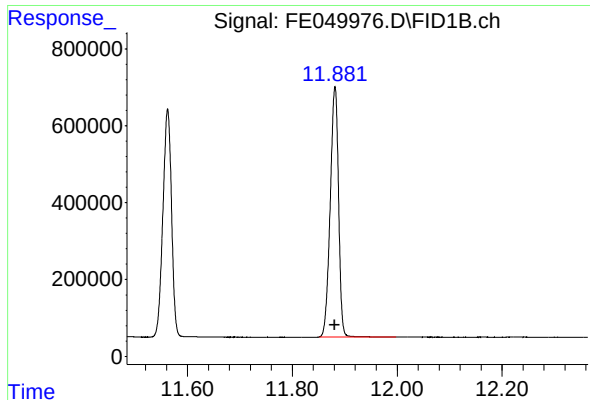
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.000 min
Response: 6790339
Conc: 50.37 ug/ml



#8 n-Octadecane (C18)

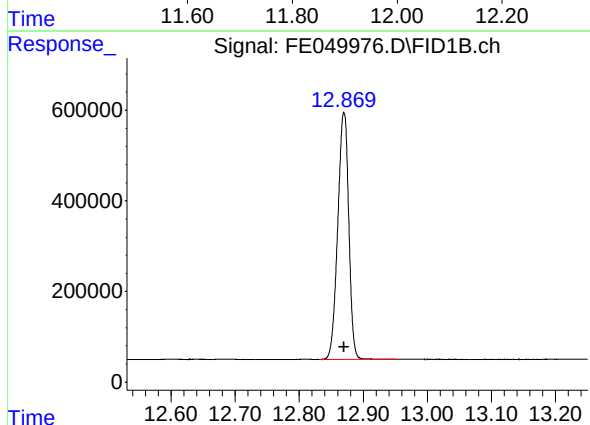
R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 6799156
Conc: 50.26 ug/ml



#9 ortho-Terphenyl (SURR)

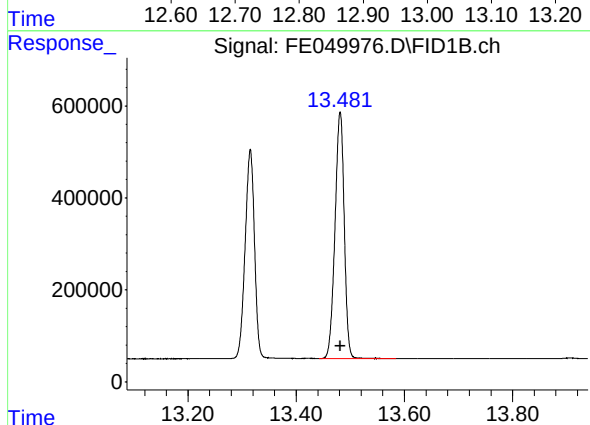
R.T.: 11.881 min
Delta R.T.: 0.000 min
Response: 7177033
Conc: 50.13 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



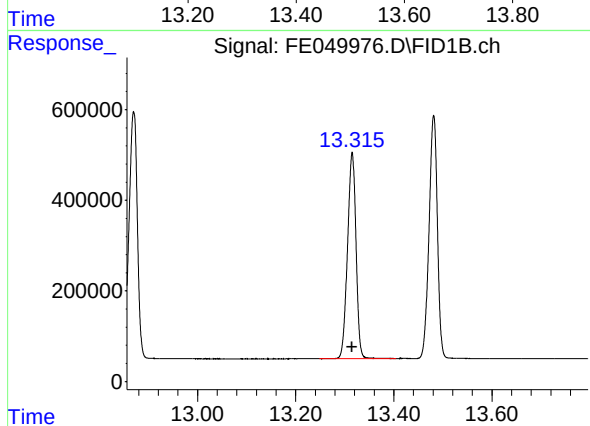
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: 0.000 min
Response: 6472873
Conc: 50.12 ug/ml



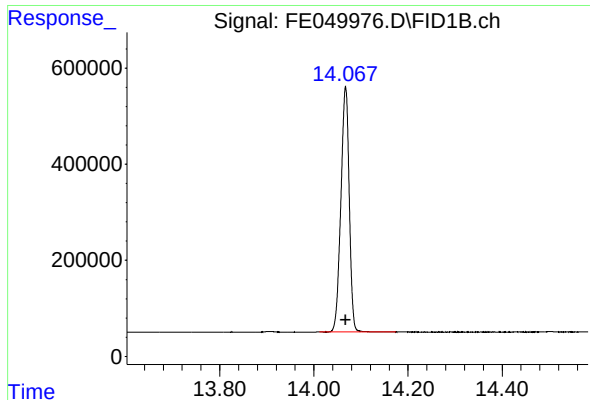
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: 0.000 min
Response: 6354721
Conc: 50.13 ug/ml



#12 1-chlorooctadecane (SURR)

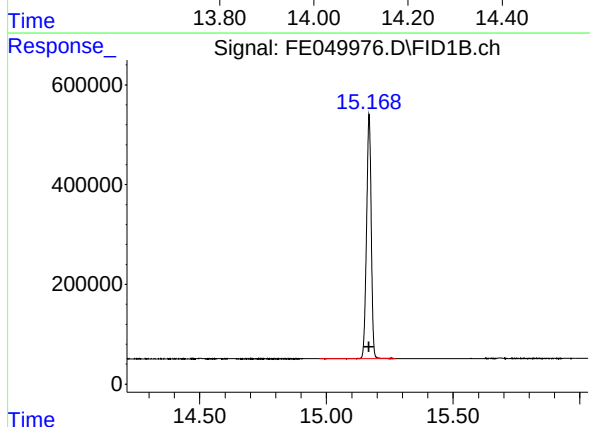
R.T.: 13.315 min
Delta R.T.: 0.000 min
Response: 5486804
Conc: 50.15 ug/ml



#13 n-Docosane (C22)

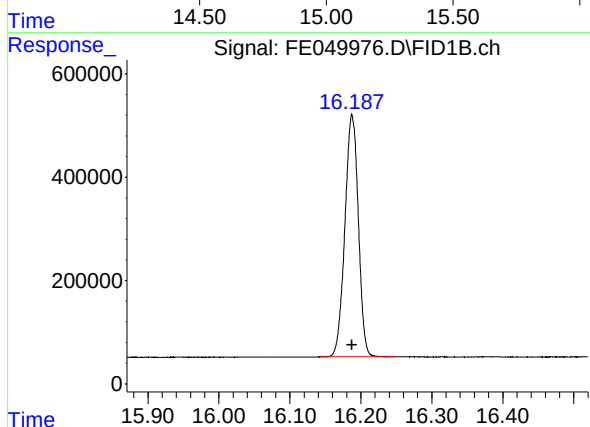
R.T.: 14.067 min
Delta R.T.: 0.000 min
Response: 6285085
Conc: 50.05 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



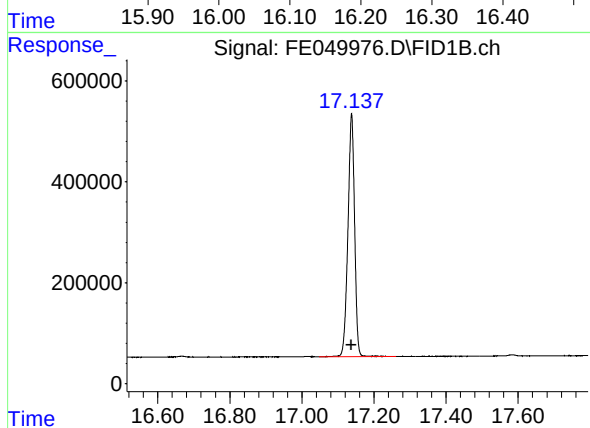
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: 0.000 min
Response: 6253768
Conc: 49.98 ug/ml



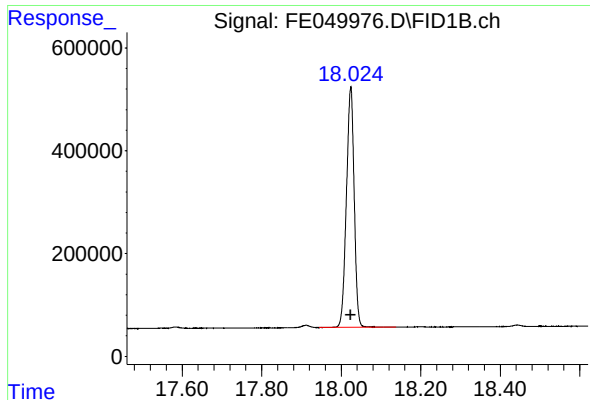
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: 0.000 min
Response: 6172556
Conc: 50.07 ug/ml



#16 n-Octacosane (C28)

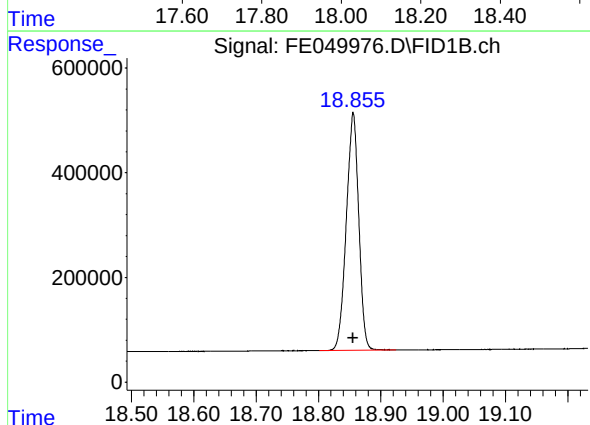
R.T.: 17.138 min
Delta R.T.: 0.000 min
Response: 6177715
Conc: 50.13 ug/ml



#17 n-Tricontane (C30)

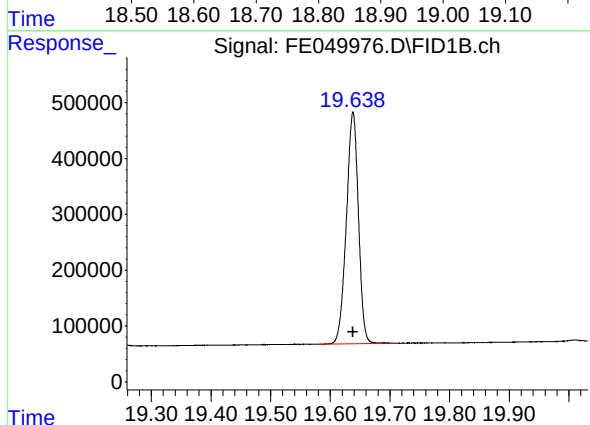
R.T.: 18.024 min
Delta R.T.: 0.000 min
Response: 6354286
Conc: 50.07 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



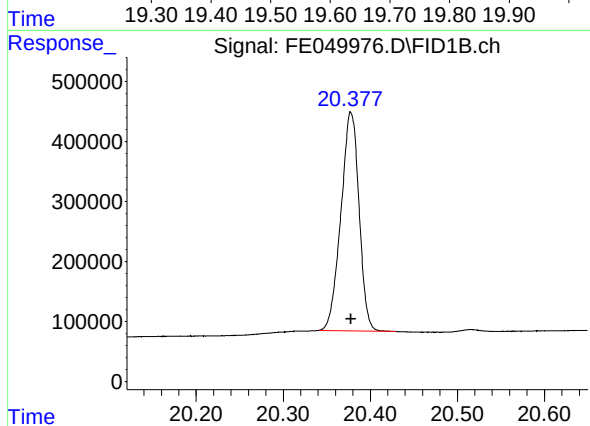
#18 n-Dotriacontane (C32)

R.T.: 18.856 min
Delta R.T.: 0.000 min
Response: 6288177
Conc: 49.95 ug/ml



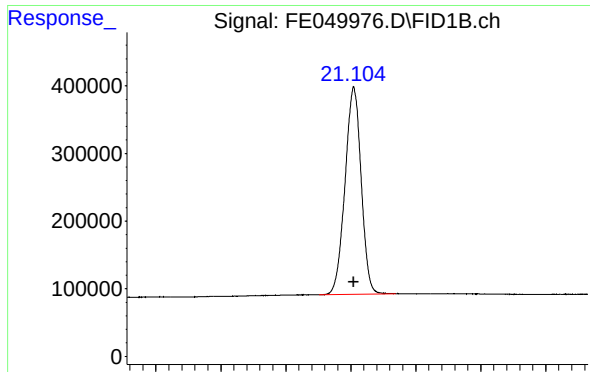
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 5841480
Conc: 49.88 ug/ml



#20 n-Hexatriacontane (C36)

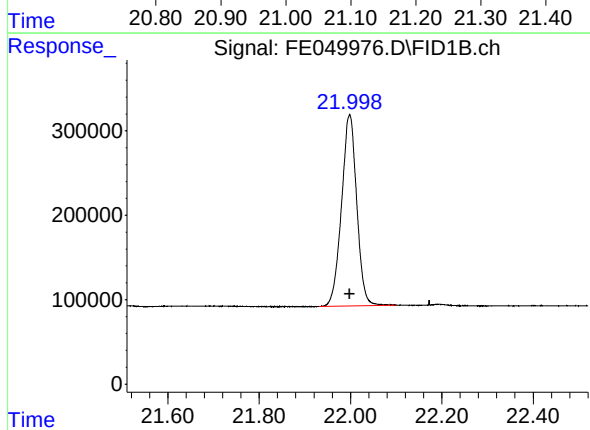
R.T.: 20.378 min
Delta R.T.: 0.000 min
Response: 5286964
Conc: 49.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: 0.000 min
Response: 5289296
Conc: 49.93 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: 0.000 min
Response: 5241620
Conc: 50.14 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049976.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 15:15
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.267	3.241	3.339	BBA	670225	6591771	91.85%	4.755%
2	4.518	4.448	4.628	BB	681584	6718835	93.62%	4.847%
3	6.226	6.168	6.464	BB	689581	7037063	98.05%	5.076%
4	6.686	6.651	6.799	BBA	677539	6756430	94.14%	4.874%
5	7.323	7.288	7.501	PV	619293	6616835	92.19%	4.773%
6	8.514	8.471	8.579	BBA	634065	6633277	92.42%	4.785%
7	10.120	10.079	10.201	PBA	630736	6790339	94.61%	4.898%
8	11.562	11.519	11.641	PBA	591353	6799156	94.73%	4.905%
9	11.881	11.851	11.998	BB	651826	7177033	100.00%	5.177%
10	12.870	12.831	12.951	BB	549199	6472873	90.19%	4.669%
11	13.315	13.248	13.404	BV	453260	5486804	76.45%	3.958%
12	13.481	13.442	13.584	VB	537133	6354721	88.54%	4.584%
13	14.067	14.011	14.174	BB	511952	6285085	87.57%	4.534%
14	15.168	14.971	15.274	BB	487808	6253768	87.14%	4.511%
15	16.188	16.141	16.249	BBA	467297	6172556	86.00%	4.453%
16	17.138	17.048	17.261	BB	481441	6177715	86.08%	4.456%
17	18.024	17.944	18.138	VB	469234	6354286	88.54%	4.584%
18	18.856	18.801	18.924	BB	450152	6288177	87.62%	4.536%
19	19.638	19.581	19.710	BB	414627	5841480	81.39%	4.214%
20	20.378	20.341	20.429	BBA	365150	5286964	73.67%	3.814%
21	21.104	21.051	21.169	BBA	306494	5289296	73.70%	3.816%
22	21.998	21.931	22.099	BBA	226551	5241620	73.03%	3.781%
Sum of corrected areas:						138626082		

Aliphatic EPH 091024.M Tue Sep 10 01:35:06 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049977.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 15:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 09 16:11:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 16:11:00 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.878	2895938	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.313	2203444	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.266	2654910	20.000 ug/ml
2) T n-Decane (C10)	4.517	2699899	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.226	2766496	20.000 ug/ml
4) T n-Dodecane (C12)	6.684	2710995	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.322	2595808	20.000 ug/ml
6) T n-Tetradecane (C14)	8.511	2663946	20.000 ug/ml
7) T n-Hexadecane (C16)	10.118	2719618	20.000 ug/ml
8) T n-Octadecane (C18)	11.560	2732879	20.000 ug/ml
10) T n-Eicosane (C20)	12.868	2616156	20.000 ug/ml
11) T n-Heneicosane (C21)	13.479	2565250	20.000 ug/ml
13) T n-Docosane (C22)	14.065	2543039	20.000 ug/ml
14) T n-Tetracosane (C24)	15.166	2538933	20.000 ug/ml
15) T n-Hexacosane (C26)	16.185	2495125	20.000 ug/ml
16) T n-Octacosane (C28)	17.134	2498769	20.000 ug/ml
17) T n-Tricontane (C30)	18.021	2577973	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.853	2567596	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.636	2391157	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.375	2133262	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.101	2152753	20.000 ug/ml
22) T n-Tetracontane (C40)	21.994	2130324	20.000 ug/ml

(f)=RT Delta > 1/2 Window

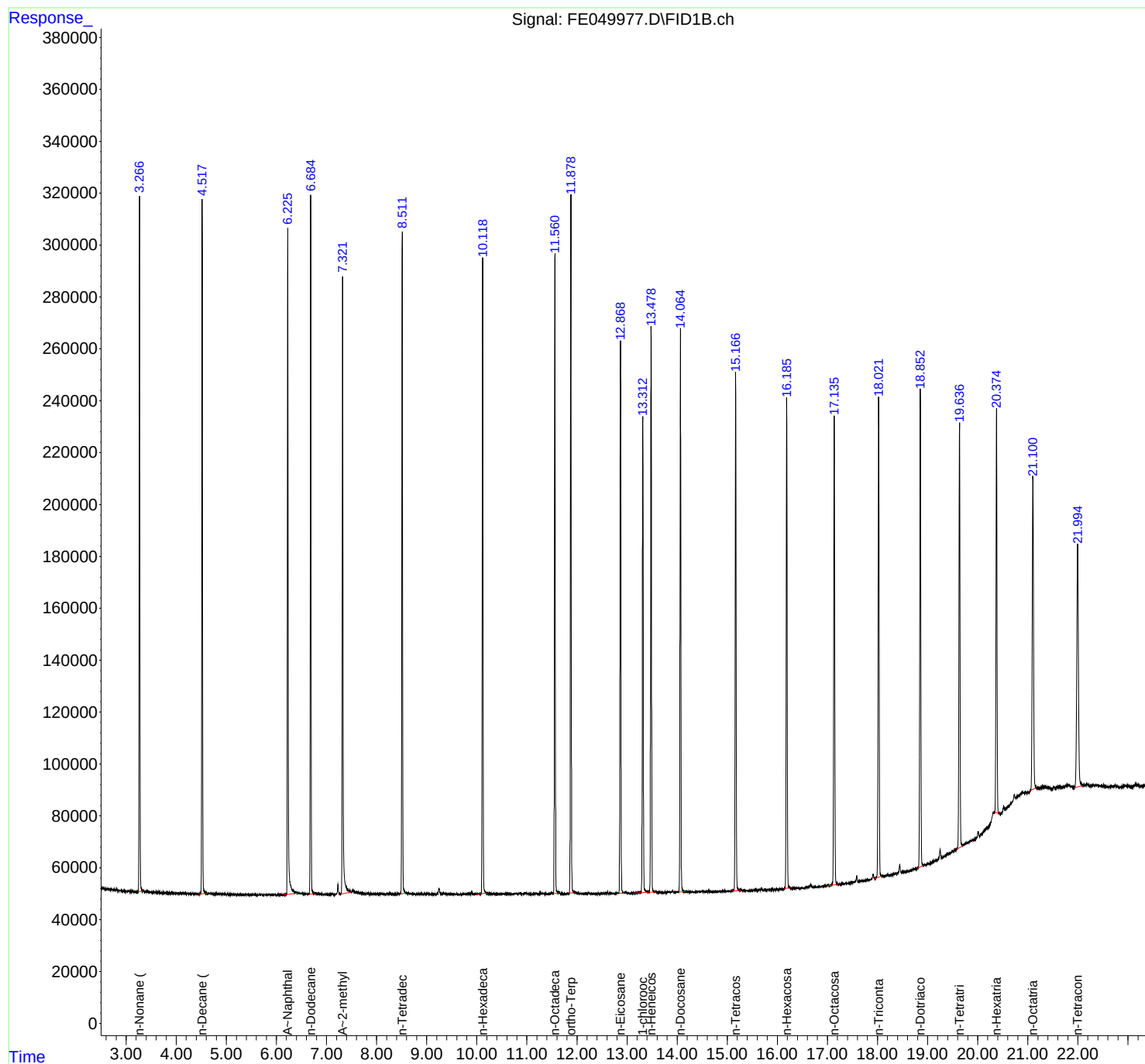
(m)=manual int.

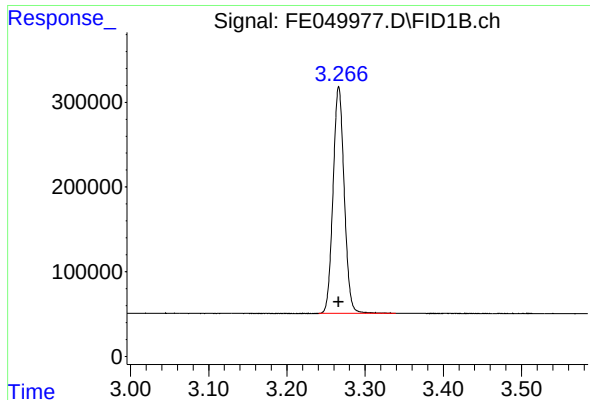
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049977.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 15:45
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Sep 09 16:11:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 16:11:00 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

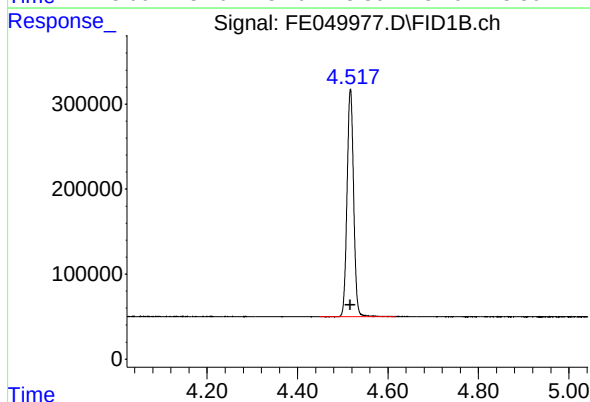




#1 n-Nonane (C9)

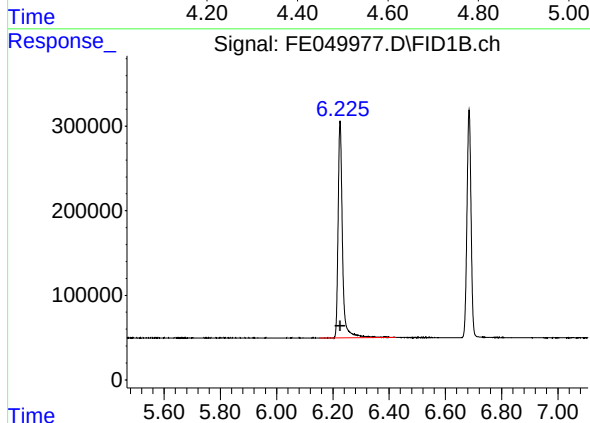
R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 2654910
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



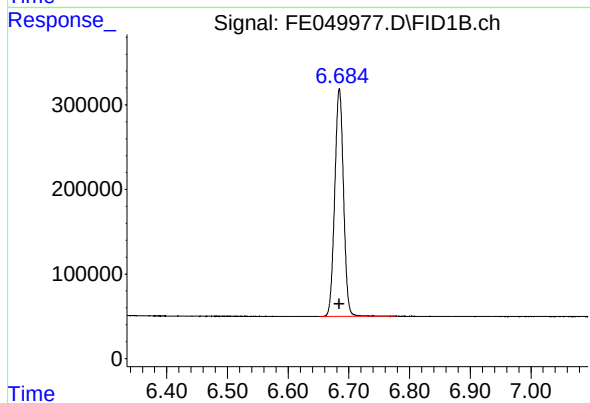
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2699899
Conc: 20.00 ug/ml



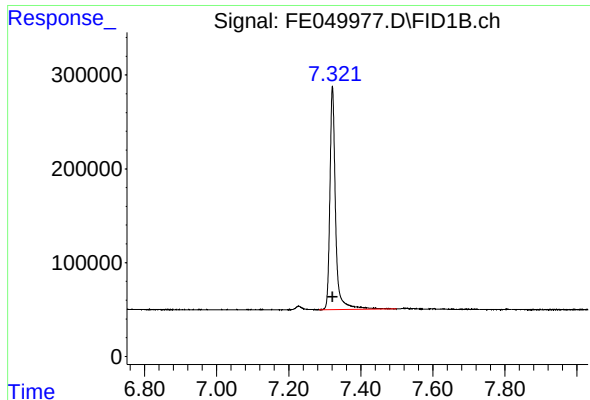
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 2766496
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

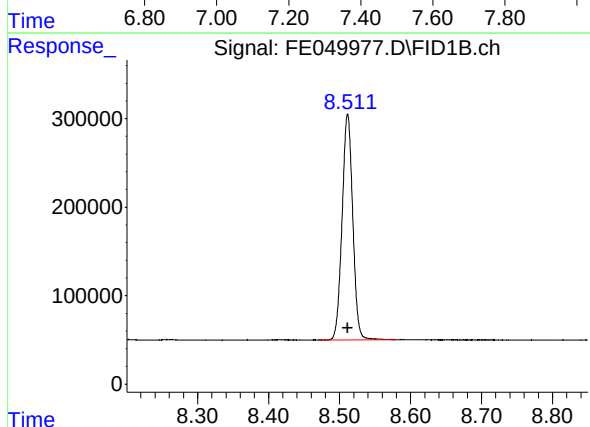
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 2710995
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

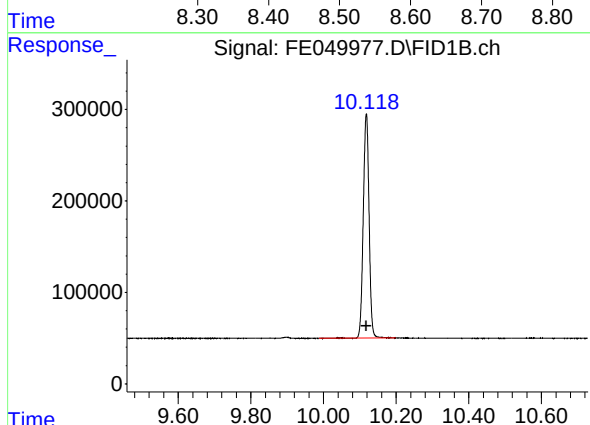
R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 2595808
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



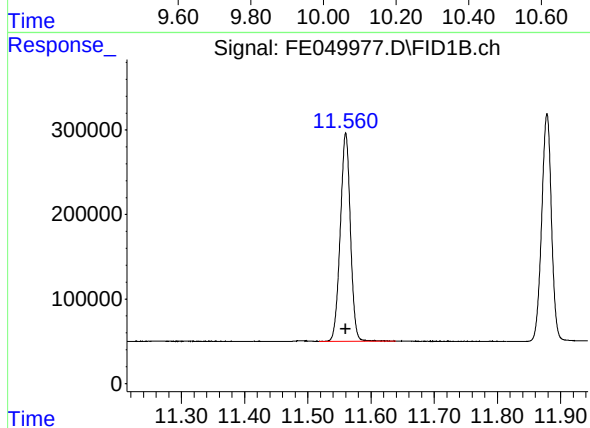
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 2663946
Conc: 20.00 ug/ml



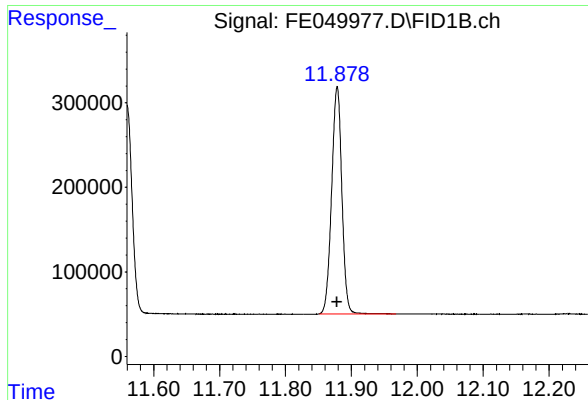
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.000 min
Response: 2719618
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

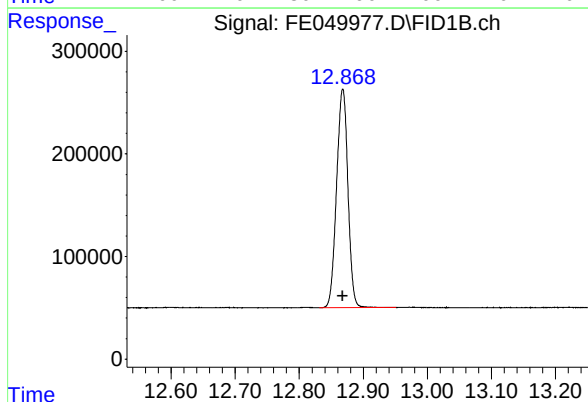
R.T.: 11.560 min
Delta R.T.: 0.000 min
Response: 2732879
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

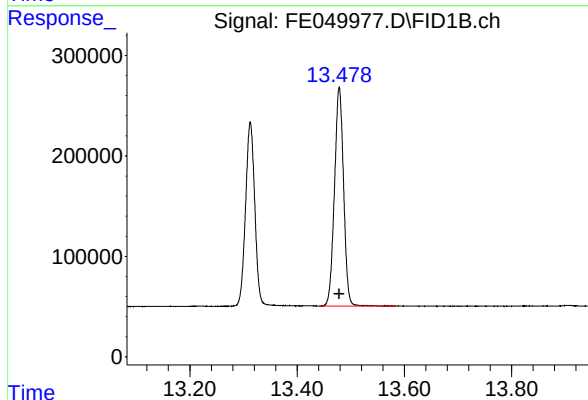
R.T.: 11.878 min
Delta R.T.: 0.000 min
Response: 2895938
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



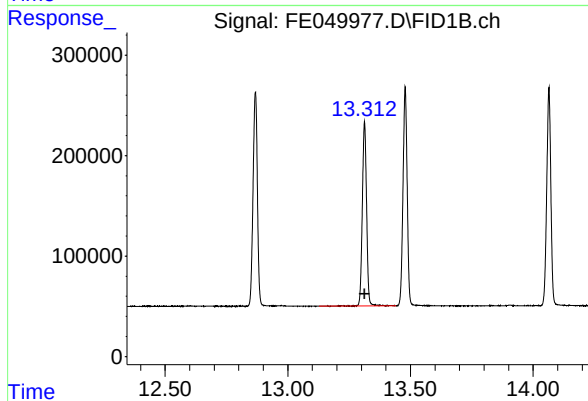
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 2616156
Conc: 20.00 ug/ml



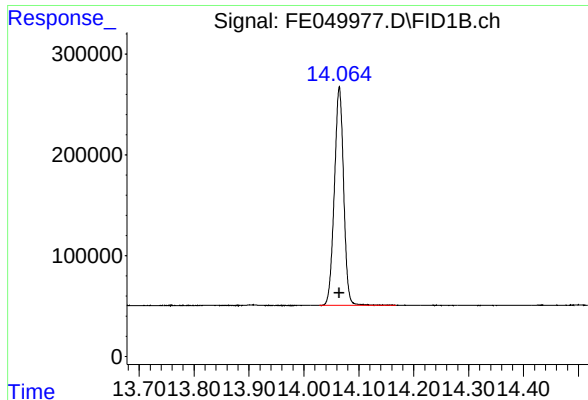
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.000 min
Response: 2565250
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

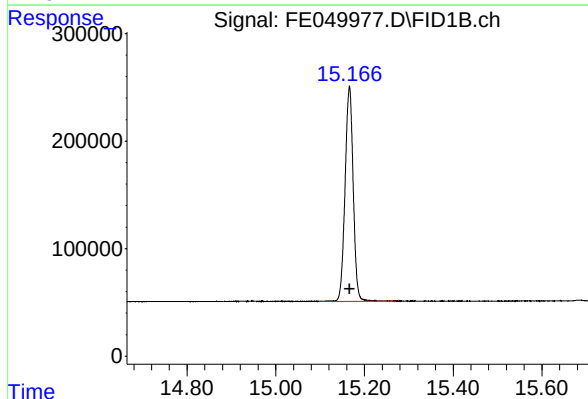
R.T.: 13.313 min
Delta R.T.: 0.000 min
Response: 2203444
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

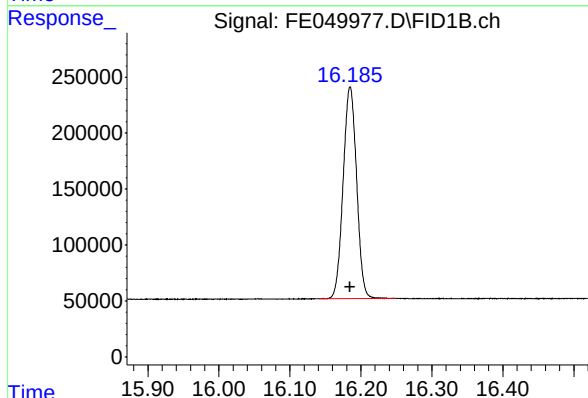
R.T.: 14.065 min
Delta R.T.: 0.000 min
Response: 2543039
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



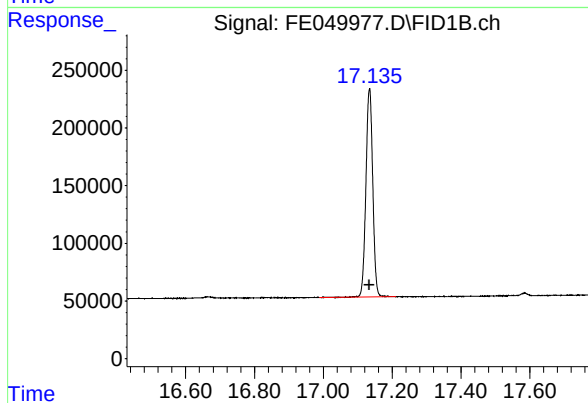
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: 0.000 min
Response: 2538933
Conc: 20.00 ug/ml



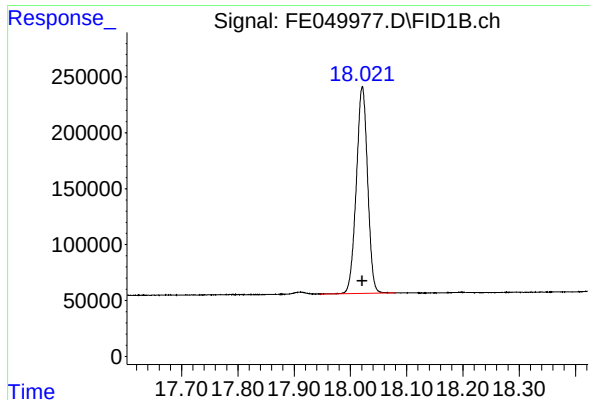
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: 0.000 min
Response: 2495125
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

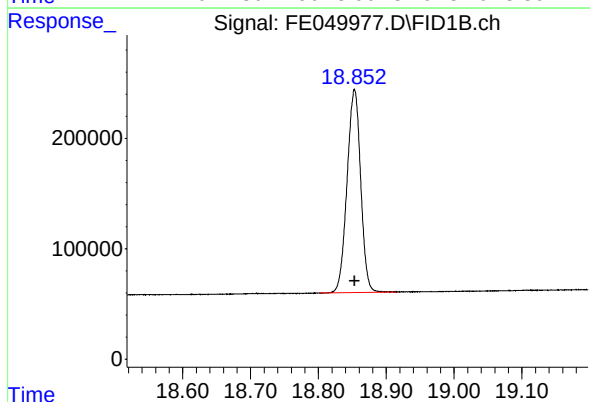
R.T.: 17.134 min
Delta R.T.: 0.000 min
Response: 2498769
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

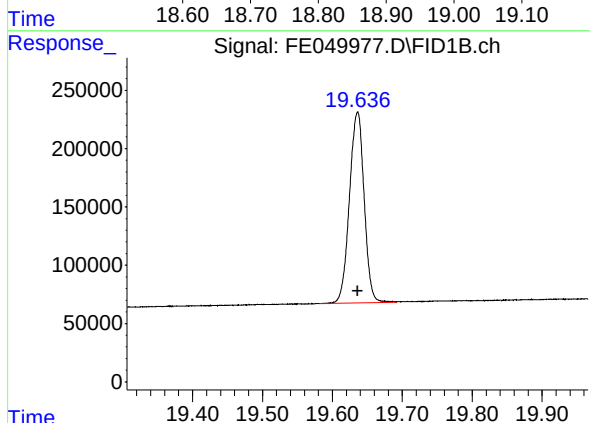
R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 2577973
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



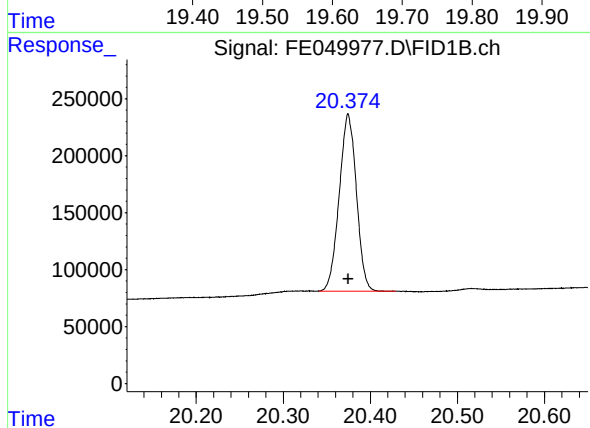
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: 0.000 min
Response: 2567596
Conc: 20.00 ug/ml



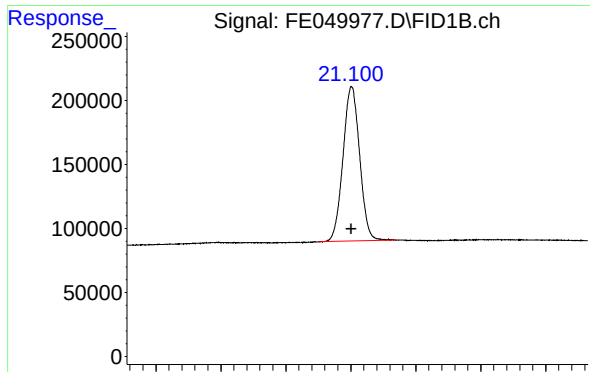
#19 n-Tetatriacontane (C34)

R.T.: 19.636 min
Delta R.T.: 0.000 min
Response: 2391157
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

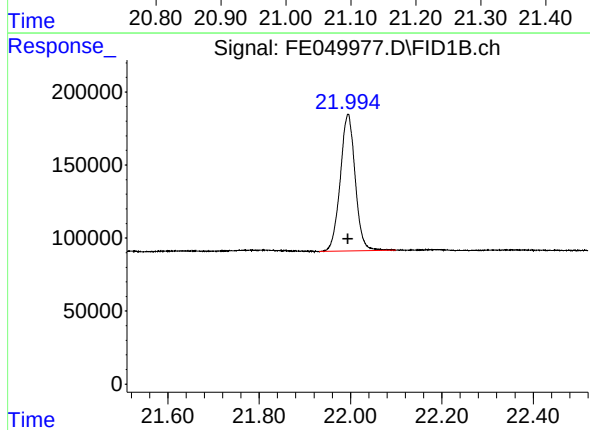
R.T.: 20.375 min
Delta R.T.: 0.000 min
Response: 2133262
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.000 min
Response: 2152753
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.000 min
Response: 2130324
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049977.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 15:45
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.266	3.241	3.339	BBA	266374	2654910	91.68%	4.753%
2	4.517	4.448	4.618	BB	268128	2699899	93.23%	4.834%
3	6.226	6.151	6.424	BB	255781	2766496	95.53%	4.953%
4	6.684	6.651	6.778	BB	269133	2710995	93.61%	4.854%
5	7.322	7.284	7.498	PV	237590	2595808	89.64%	4.647%
6	8.511	8.471	8.579	BBA	254897	2663946	91.99%	4.769%
7	10.118	9.988	10.199	BBA	245737	2719618	93.91%	4.869%
8	11.560	11.518	11.639	BBA	246308	2732879	94.37%	4.893%
9	11.878	11.851	11.968	BB	268356	2895938	100.00%	5.185%
10	12.868	12.831	12.951	BV	213473	2616156	90.34%	4.684%
11	13.313	13.128	13.441	BB	182669	2203444	76.09%	3.945%
12	13.479	13.441	13.584	BB	217288	2565250	88.58%	4.593%
13	14.065	14.028	14.168	BB	216413	2543039	87.81%	4.553%
14	15.166	15.098	15.271	BB	197659	2538933	87.67%	4.546%
15	16.185	16.141	16.249	BBA	189540	2495125	86.16%	4.467%
16	17.134	16.988	17.211	BB	180954	2498769	86.29%	4.474%
17	18.021	17.944	18.081	PB	184791	2577973	89.02%	4.616%
18	18.853	18.801	18.914	BB	184319	2567596	88.66%	4.597%
19	19.636	19.581	19.691	BV	163326	2391157	82.57%	4.281%
20	20.375	20.341	20.429	BBA	155020	2133262	73.66%	3.819%
21	21.101	21.051	21.169	BBA	120868	2152753	74.34%	3.854%
22	21.994	21.931	22.099	BBA	93698	2130324	73.56%	3.814%
Sum of corrected areas:							55854270	

Aliphatic EPH 091024.M Tue Sep 10 01:35:31 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049978.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 16:16
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 09 16:47:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 16:47:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.877	1529745	10.505 ug/ml
Spiked Amount 50.000		Recovery =	21.01%
12) S 1-chlorooctadecane (S...	13.312	1138596	10.302 ug/ml
Spiked Amount 50.000		Recovery =	20.60%
Target Compounds			
1) T n-Nonane (C9)	3.266	1379517	10.384 ug/ml
2) T n-Decane (C10)	4.516	1405573	10.387 ug/ml
3) T A~Naphthalene (C11.7)	6.226	1397049	10.021 ug/ml
4) T n-Dodecane (C12)	6.684	1408364	10.368 ug/ml
5) T A~2-methylnaphthalene...	7.322	1305462	9.957 ug/ml
6) T n-Tetradecane (C14)	8.510	1386403	10.383 ug/ml
7) T n-Hexadecane (C16)	10.117	1419476	10.391 ug/ml
8) T n-Octadecane (C18)	11.558	1437108	10.460 ug/ml
10) T n-Eicosane (C20)	12.867	1380445	10.508 ug/ml
11) T n-Heneicosane (C21)	13.477	1347634	10.465 ug/ml
13) T n-Docosane (C22)	14.063	1337969	10.484 ug/ml
14) T n-Tetracosane (C24)	15.165	1339222	10.519 ug/ml
15) T n-Hexacosane (C26)	16.184	1313673	10.485 ug/ml
16) T n-Octacosane (C28)	17.132	1320844	10.529 ug/ml
17) T n-Tricontane (C30)	18.021	1381343	10.650 ug/ml
18) T n-Dotriacontane (C32)	18.852	1375776	10.681 ug/ml
19) T n-Tetratriacontane (C34)	19.635	1269997	10.621 ug/ml
20) T n-Hexatriacontane (C36)	20.375	1131419	10.502 ug/ml
21) T n-Octatriacontane (C38)	21.101	1126344	10.467 ug/ml
22) T n-Tetracontane (C40)	21.992	1129689	10.592 ug/ml

(f)=RT Delta > 1/2 Window

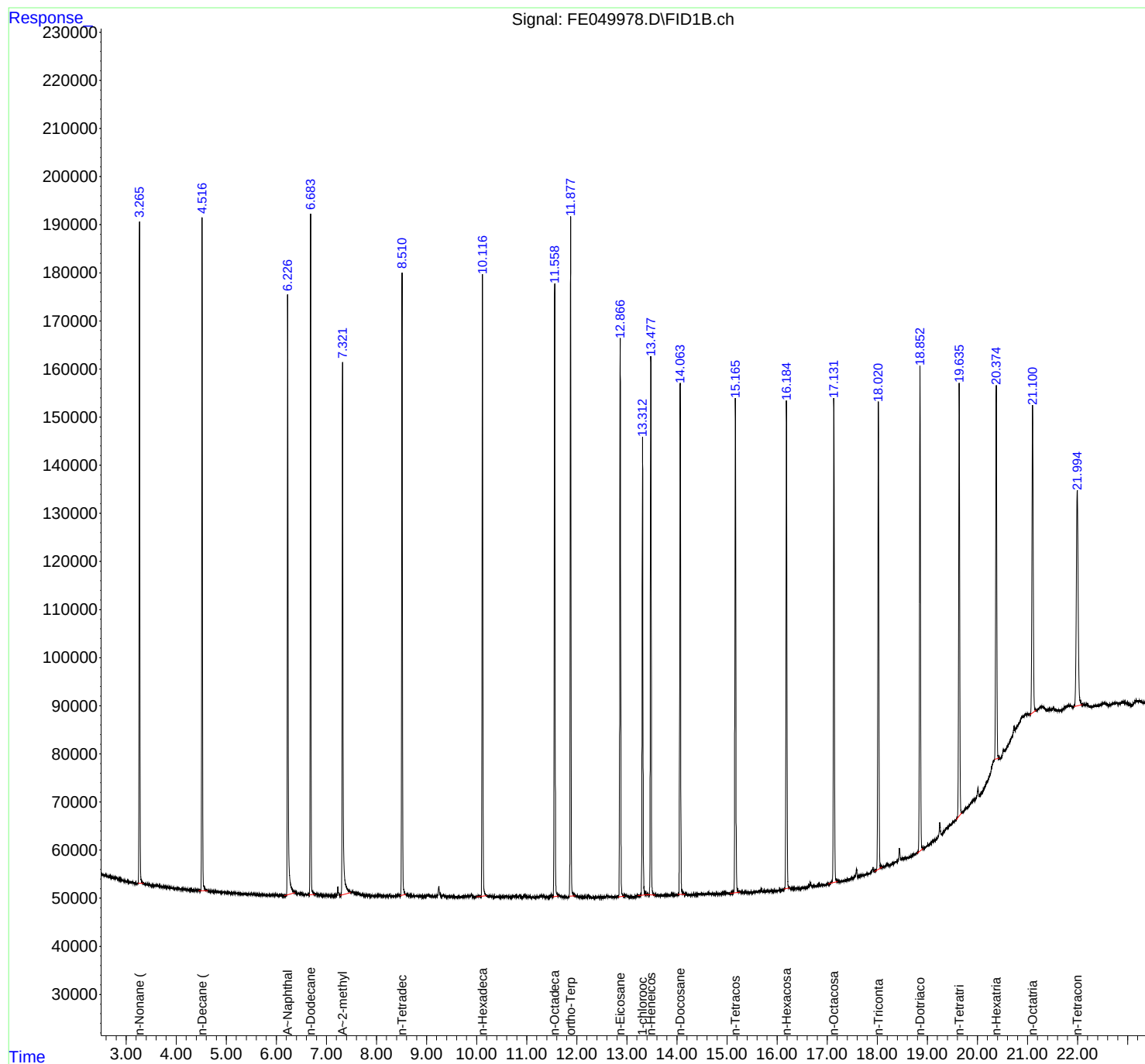
(m)=manual int.

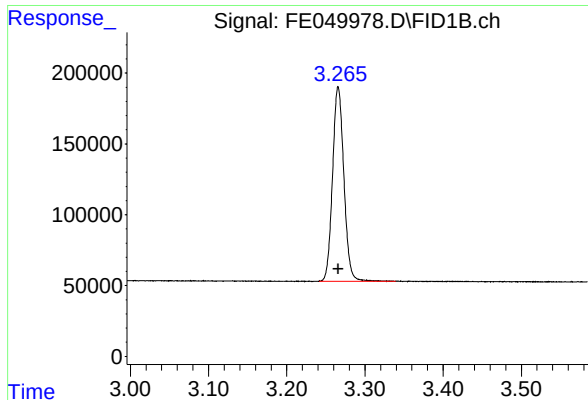
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049978.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 16:16
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Sep 09 16:47:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 16:47:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

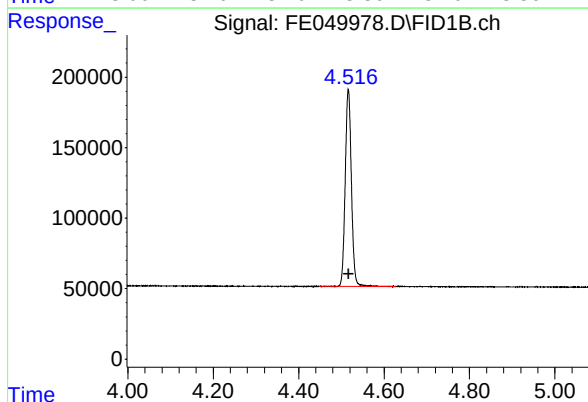




#1 n-Nonane (C9)

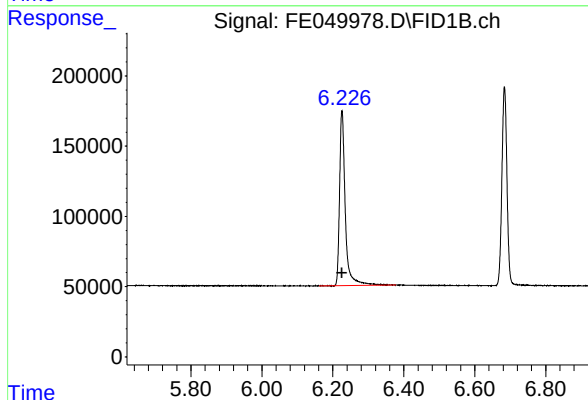
R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 1379517
Conc: 10.38 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



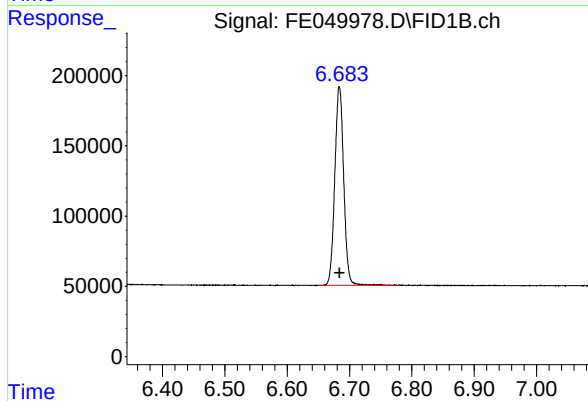
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1405573
Conc: 10.39 ug/ml



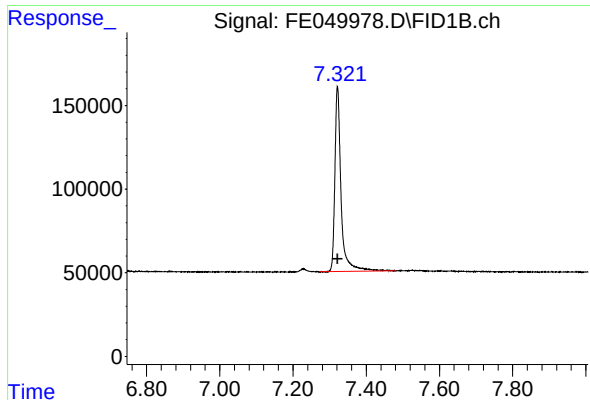
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 1397049
Conc: 10.02 ug/ml



#4 n-Dodecane (C12)

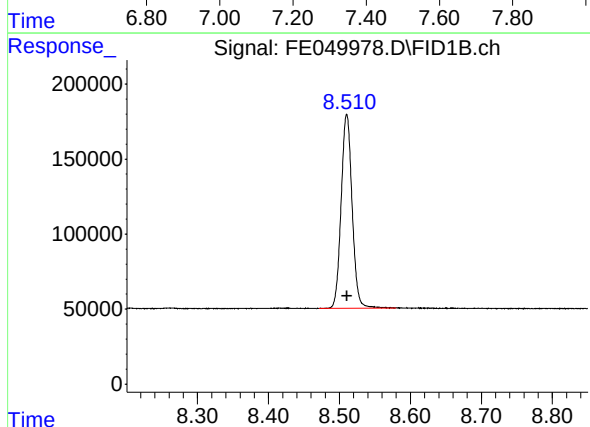
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 1408364
Conc: 10.37 ug/ml



#5 A~2-methylnaphthalene (C12.89)

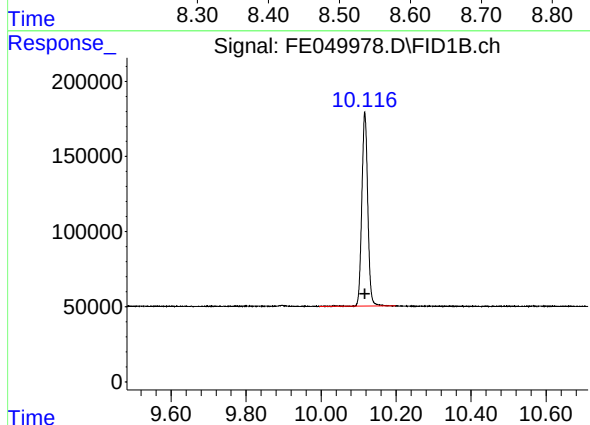
R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 1305462
Conc: 9.96 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



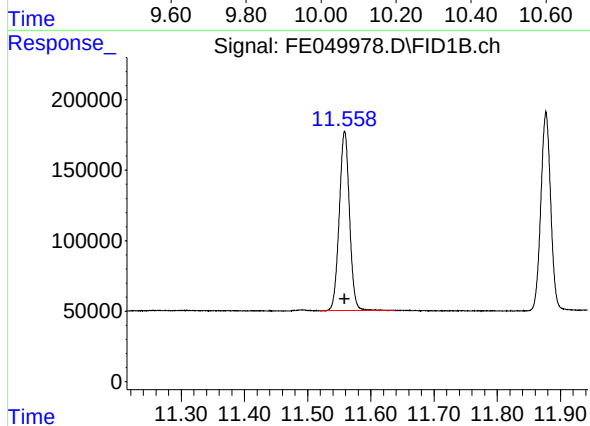
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 1386403
Conc: 10.38 ug/ml



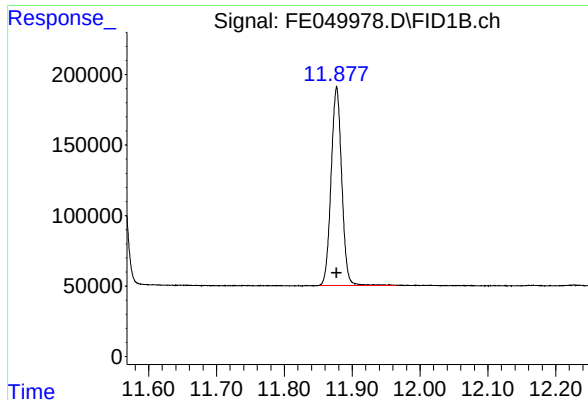
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 1419476
Conc: 10.39 ug/ml



#8 n-Octadecane (C18)

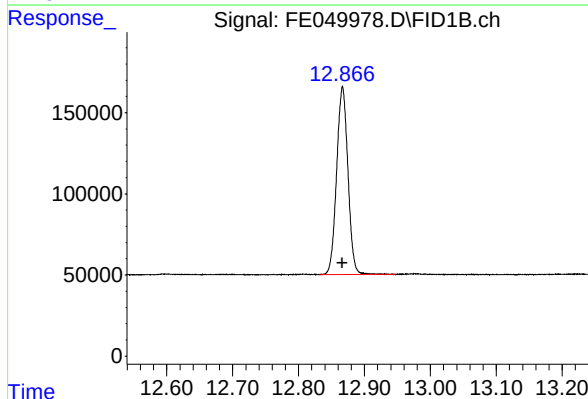
R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 1437108
Conc: 10.46 ug/ml



#9 ortho-Terphenyl (SURR)

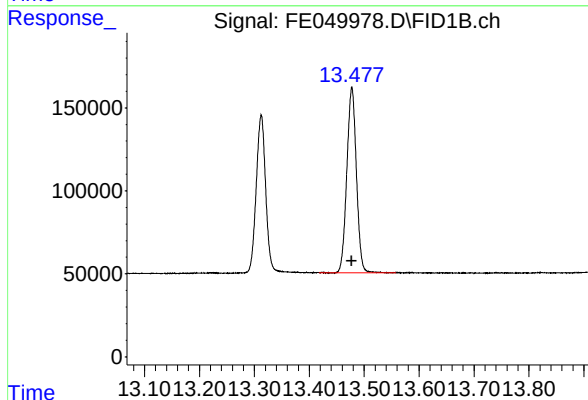
R.T.: 11.877 min
Delta R.T.: 0.000 min
Response: 1529745
Conc: 10.50 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



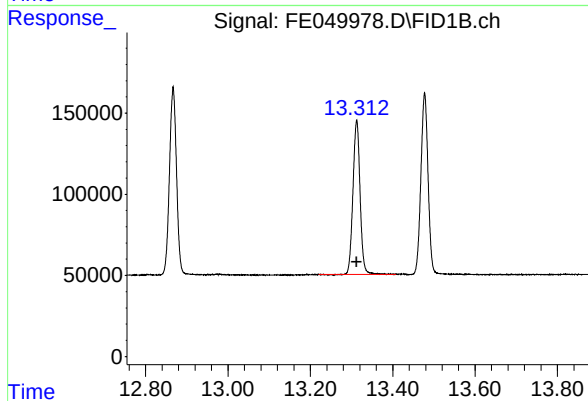
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 1380445
Conc: 10.51 ug/ml



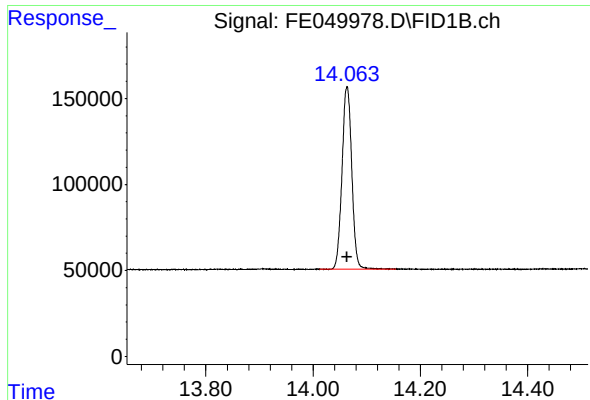
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: 0.000 min
Response: 1347634
Conc: 10.47 ug/ml



#12 1-chlorooctadecane (SURR)

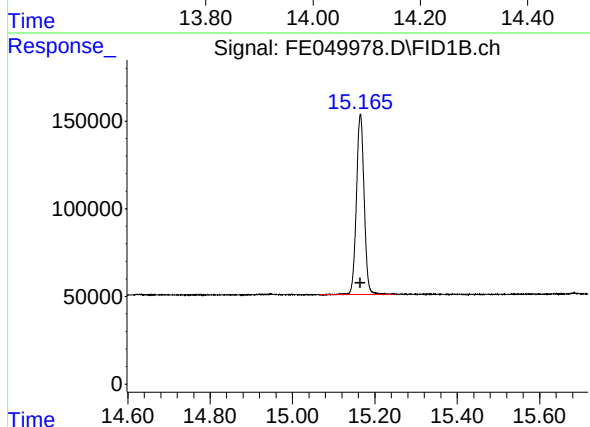
R.T.: 13.312 min
Delta R.T.: 0.000 min
Response: 1138596
Conc: 10.30 ug/ml



#13 n-Docosane (C22)

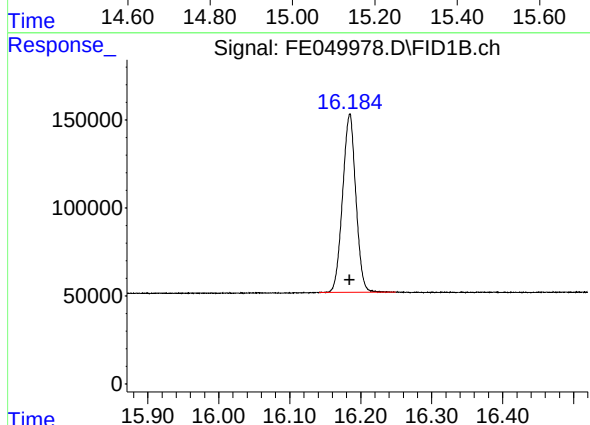
R.T.: 14.063 min
Delta R.T.: 0.000 min
Response: 1337969
Conc: 10.48 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



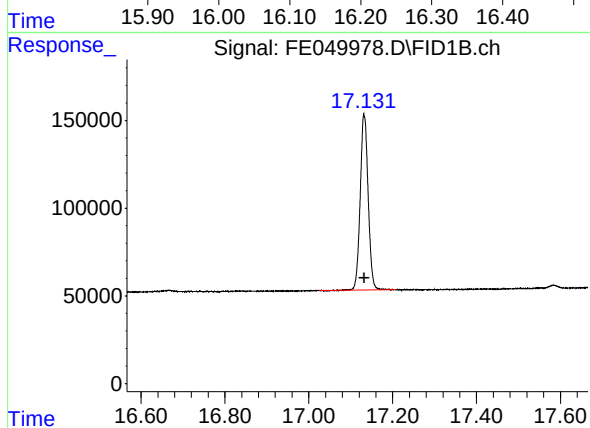
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: 0.000 min
Response: 1339222
Conc: 10.52 ug/ml



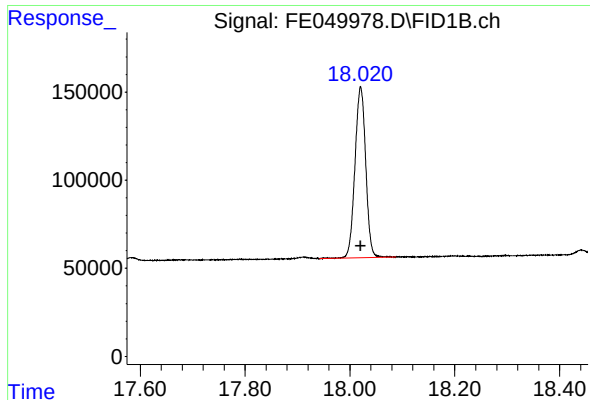
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: 0.000 min
Response: 1313673
Conc: 10.48 ug/ml



#16 n-Octacosane (C28)

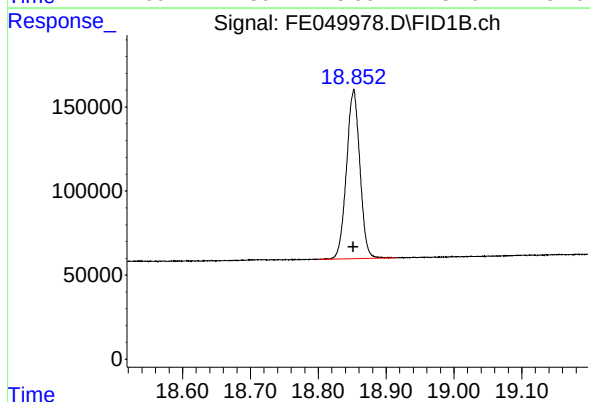
R.T.: 17.132 min
Delta R.T.: 0.000 min
Response: 1320844
Conc: 10.53 ug/ml



#17 n-Tricontane (C30)

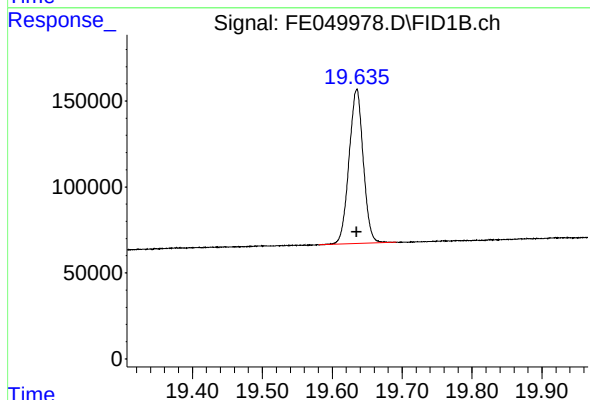
R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 1381343
Conc: 10.65 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



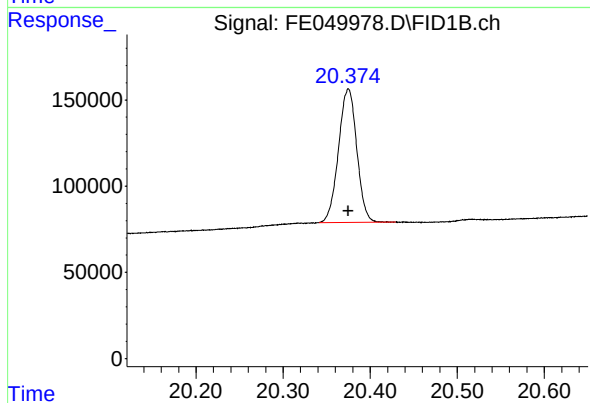
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: 0.000 min
Response: 1375776
Conc: 10.68 ug/ml



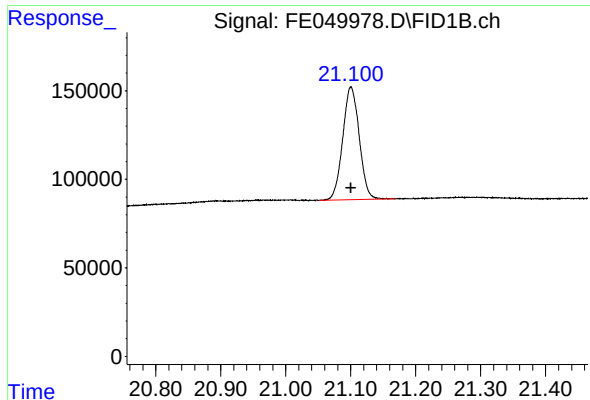
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: 0.000 min
Response: 1269997
Conc: 10.62 ug/ml



#20 n-Hexatriacontane (C36)

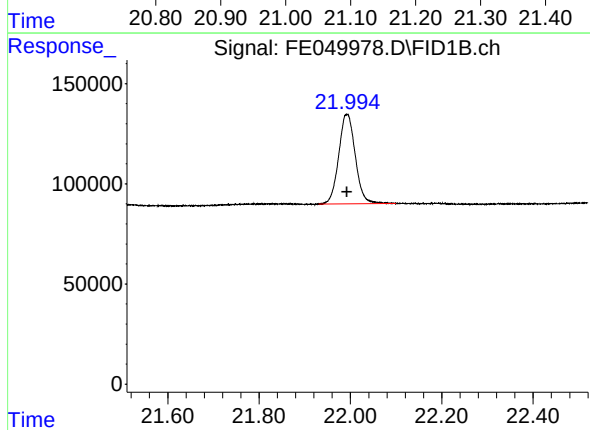
R.T.: 20.375 min
Delta R.T.: 0.000 min
Response: 1131419
Conc: 10.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.000 min
Response: 1126344
Conc: 10.47 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: 0.000 min
Response: 1129689
Conc: 10.59 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049978.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 16:16
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.266	3.241	3.340	BBA	137102	1379517	90.18%	4.714%
2	4.516	4.448	4.628	BB	139246	1405573	91.88%	4.803%
3	6.226	6.161	6.378	BB	124889	1397049	91.33%	4.774%
4	6.684	6.651	6.775	BB	141452	1408364	92.07%	4.813%
5	7.322	7.271	7.481	BB	110765	1305462	85.34%	4.461%
6	8.510	8.471	8.580	BBA	129335	1386403	90.63%	4.738%
7	10.117	9.995	10.200	BBA	127843	1419476	92.79%	4.851%
8	11.558	11.518	11.640	BBA	127094	1437108	93.94%	4.911%
9	11.877	11.851	11.965	BB	140491	1529745	100.00%	5.228%
10	12.867	12.831	12.948	BV	115391	1380445	90.24%	4.718%
11	13.312	13.221	13.408	BB	94372	1138596	74.43%	3.891%
12	13.478	13.418	13.558	BB	111768	1347634	88.10%	4.605%
13	14.063	14.011	14.155	BB	106115	1337969	87.46%	4.572%
14	15.165	15.065	15.251	BB	102700	1339222	87.55%	4.577%
15	16.184	16.141	16.250	BBA	101454	1313673	85.88%	4.489%
16	17.132	17.025	17.208	BB	100621	1320844	86.34%	4.514%
17	18.021	17.941	18.088	PB	96857	1381343	90.30%	4.721%
18	18.852	18.801	18.915	BB	99204	1375776	89.93%	4.702%
19	19.635	19.581	19.691	BB	89682	1269997	83.02%	4.340%
20	20.375	20.341	20.430	BBA	77258	1131419	73.96%	3.867%
21	21.101	21.051	21.170	BBA	63629	1126344	73.63%	3.849%
22	21.992	21.931	22.100	BBA	44720	1129689	73.85%	3.861%
Sum of corrected areas:							29261644	

Aliphatic EPH 091024.M Tue Sep 10 01:35:53 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049979.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 16:46
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 09 17:11:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:10:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.876	807033	5.424 ug/ml
Spiked Amount 50.000		Recovery =	10.85%
12) S 1-chlorooctadecane (S...	13.312	597820	5.322 ug/ml
Spiked Amount 50.000		Recovery =	10.64%
Target Compounds			
1) T n-Nonane (C9)	3.266	731632	5.398 ug/ml
2) T n-Decane (C10)	4.517	743962	5.391 ug/ml
3) T A~Naphthalene (C11.7)	6.227	711117	5.081 ug/ml
4) T n-Dodecane (C12)	6.684	740413	5.354 ug/ml
5) T A~2-methylnaphthalene...	7.323	663752	5.050 ug/ml
6) T n-Tetradecane (C14)	8.511	733808	5.389 ug/ml
7) T n-Hexadecane (C16)	10.117	740547	5.331 ug/ml
8) T n-Octadecane (C18)	11.559	754652	5.386 ug/ml
10) T n-Eicosane (C20)	12.866	726221	5.414 ug/ml
11) T n-Heneicosane (C21)	13.477	709502	5.400 ug/ml
13) T n-Docosane (C22)	14.063	702945	5.398 ug/ml
14) T n-Tetracosane (C24)	15.164	718436	5.501 ug/ml
15) T n-Hexacosane (C26)	16.184	692601	5.414 ug/ml
16) T n-Octacosane (C28)	17.133	711169	5.521 ug/ml
17) T n-Tricontane (C30)	18.020	748840	5.600 ug/ml
18) T n-Dotriacontane (C32)	18.851	755185	5.667 ug/ml
19) T n-Tetratriacontane (C34)	19.634	697486	5.645 ug/ml
20) T n-Hexatriacontane (C36)	20.374	619117	5.580 ug/ml
21) T n-Octatriacontane (C38)	21.101	604714	5.483 ug/ml
22) T n-Tetracontane (C40)	21.992	587334	5.398 ug/ml

(f)=RT Delta > 1/2 Window

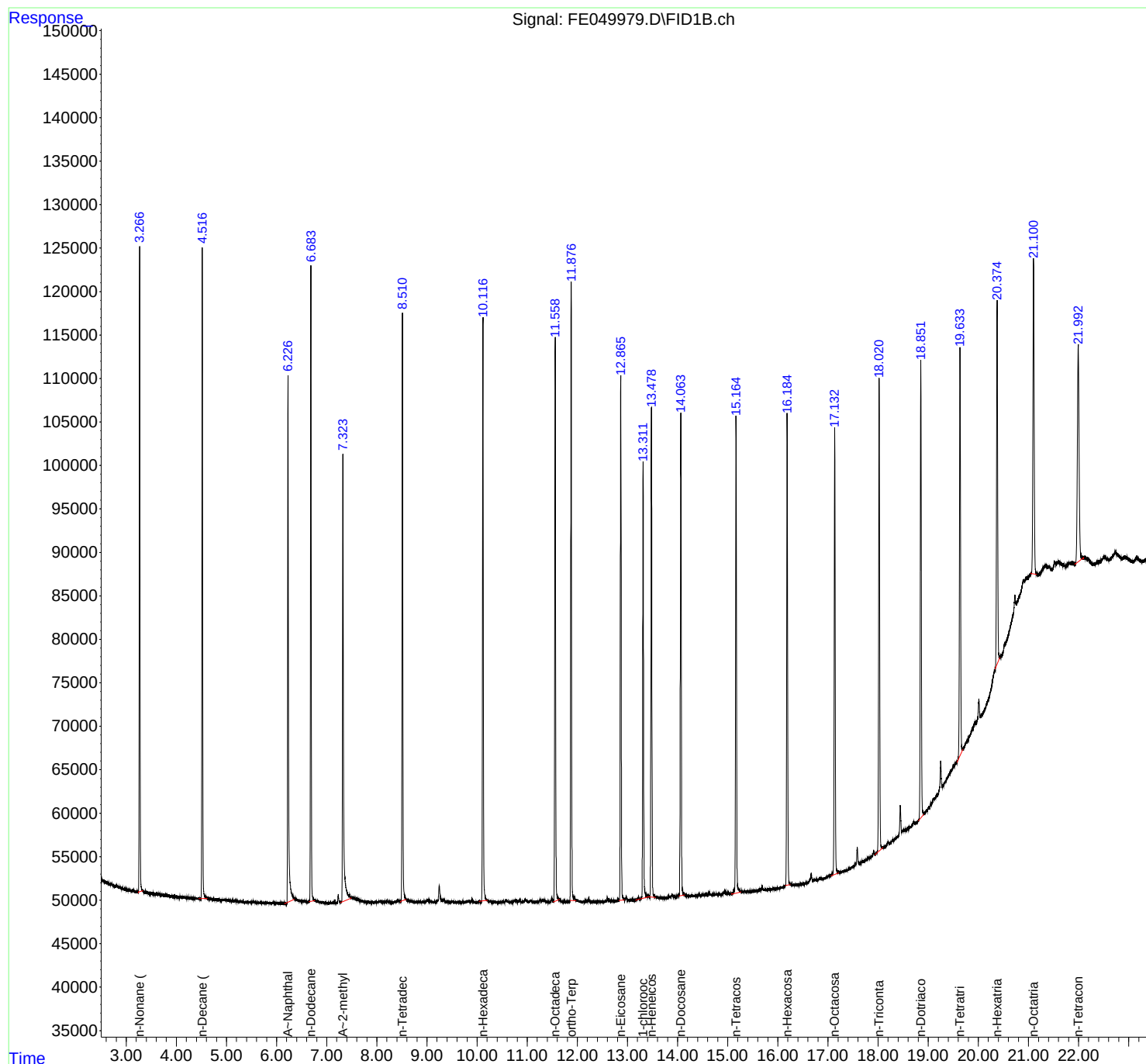
(m)=manual int.

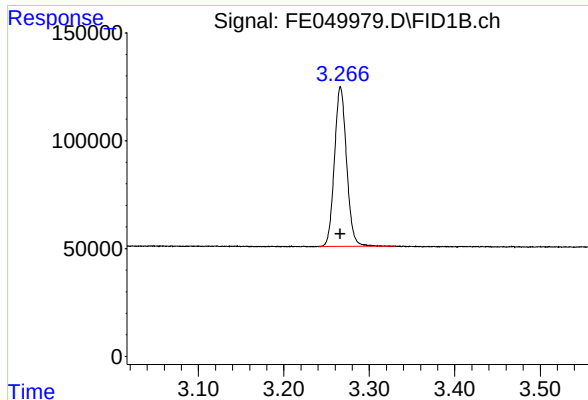
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049979.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 16:46
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Sep 09 17:11:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:10:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

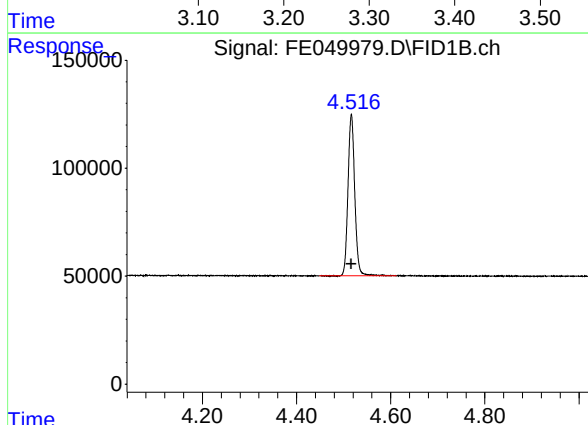




#1 n-Nonane (C9)

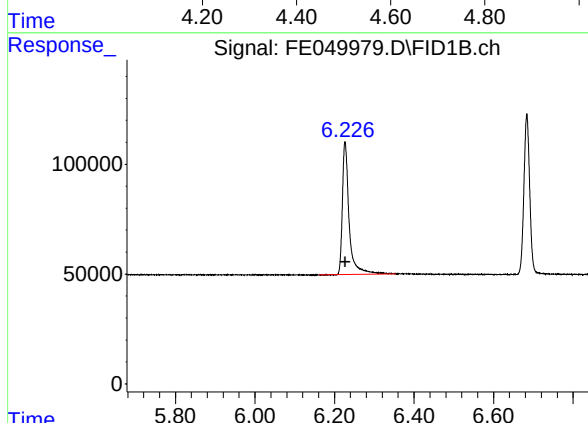
R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 731632
Conc: 5.40 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



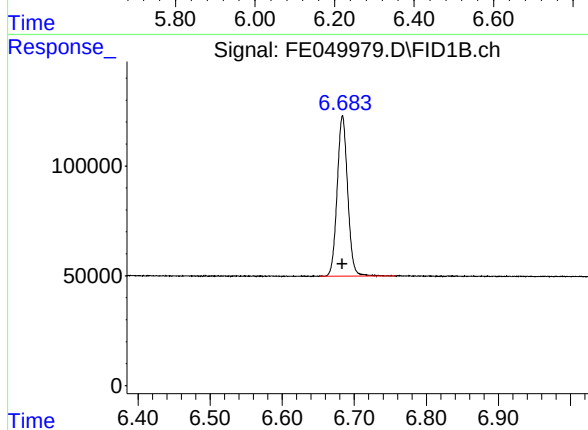
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 743962
Conc: 5.39 ug/ml



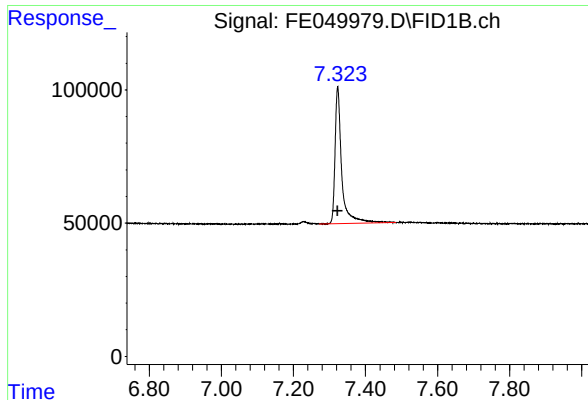
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 711117
Conc: 5.08 ug/ml



#4 n-Dodecane (C12)

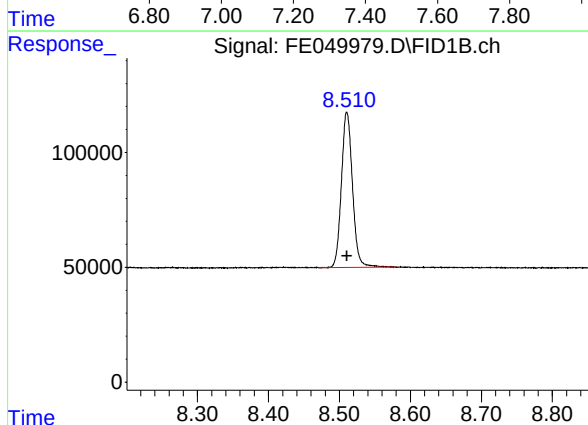
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 740413
Conc: 5.35 ug/ml



#5 A~2-methylnaphthalene (C12.89)

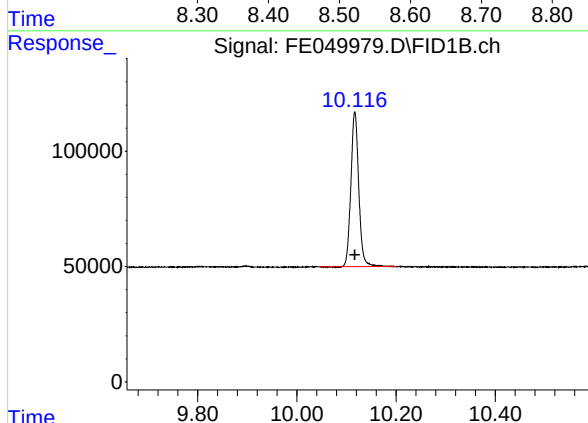
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 663752
Conc: 5.05 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



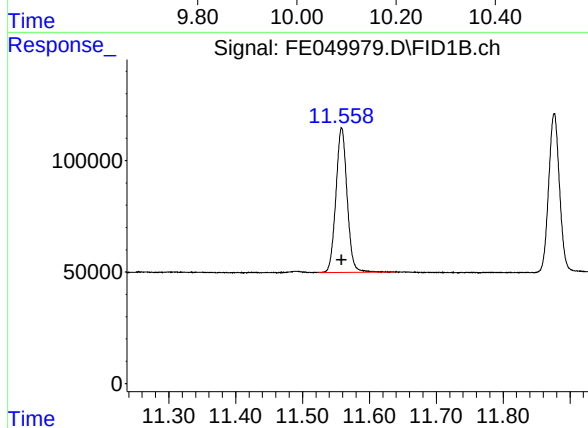
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 733808
Conc: 5.39 ug/ml



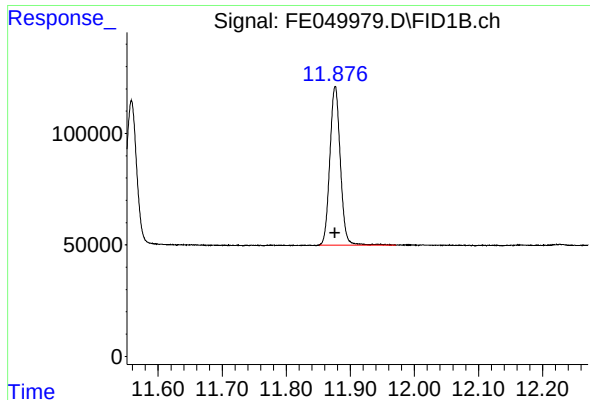
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 740547
Conc: 5.33 ug/ml



#8 n-Octadecane (C18)

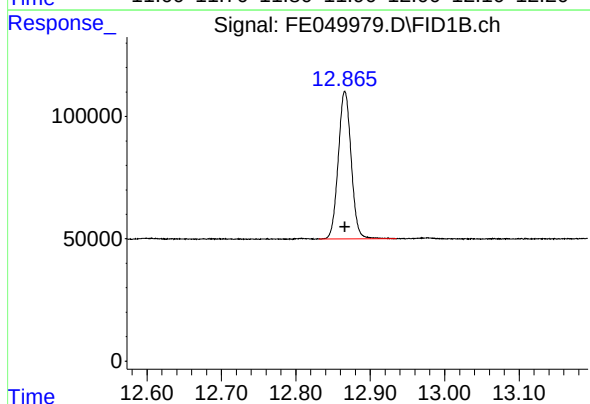
R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 754652
Conc: 5.39 ug/ml



#9 ortho-Terphenyl (SURR)

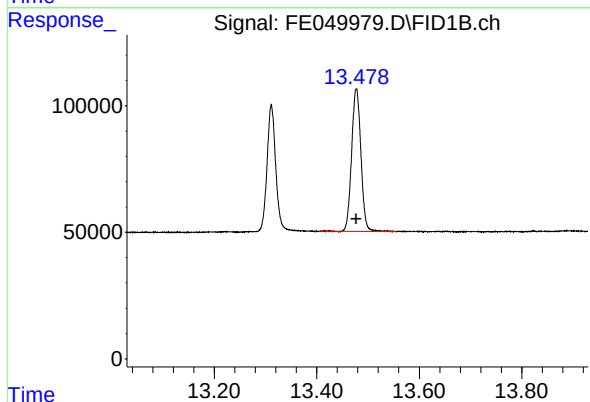
R.T.: 11.876 min
Delta R.T.: 0.000 min
Response: 807033
Conc: 5.42 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



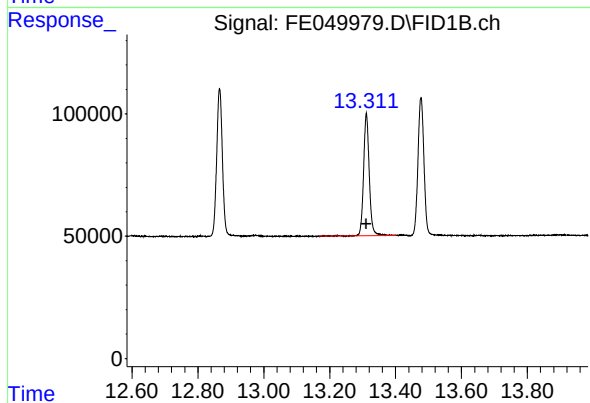
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: 0.000 min
Response: 726221
Conc: 5.41 ug/ml



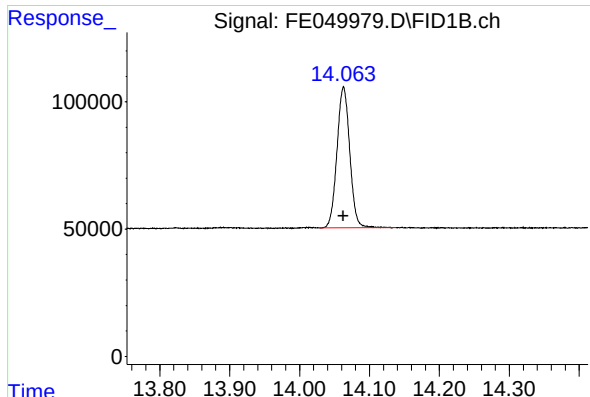
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: 0.000 min
Response: 709502
Conc: 5.40 ug/ml



#12 1-chlorooctadecane (SURR)

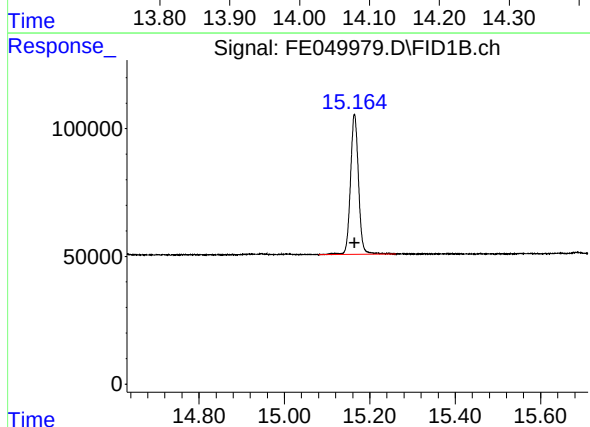
R.T.: 13.312 min
Delta R.T.: 0.000 min
Response: 597820
Conc: 5.32 ug/ml



#13 n-Docosane (C22)

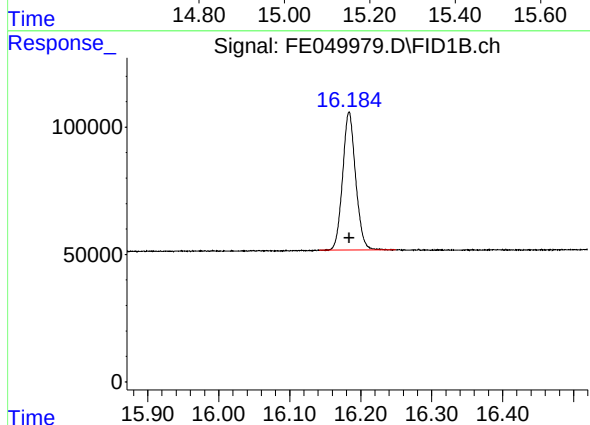
R.T.: 14.063 min
Delta R.T.: 0.000 min
Response: 702945
Conc: 5.40 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



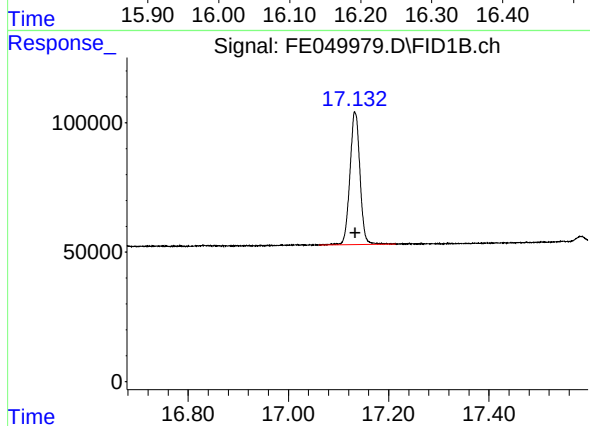
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: 0.000 min
Response: 718436
Conc: 5.50 ug/ml



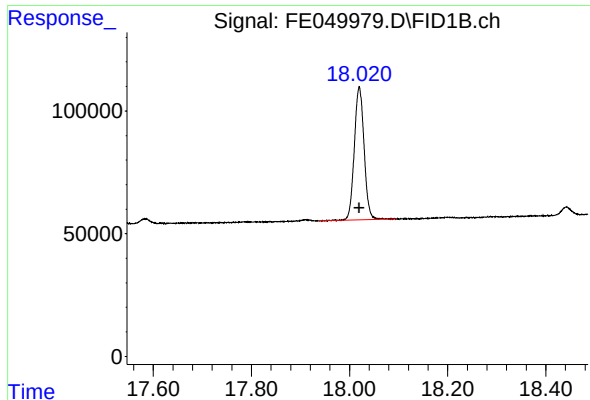
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: 0.000 min
Response: 692601
Conc: 5.41 ug/ml



#16 n-Octacosane (C28)

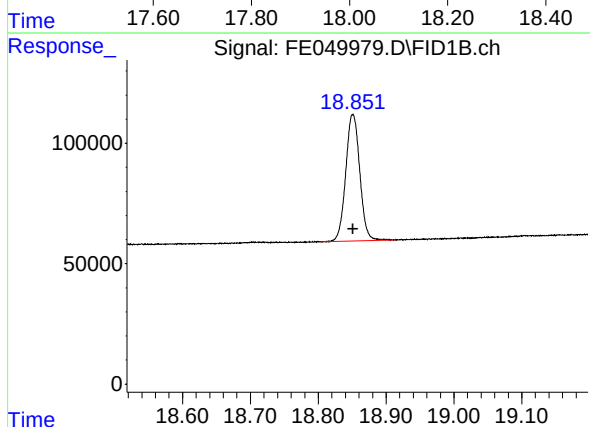
R.T.: 17.133 min
Delta R.T.: 0.000 min
Response: 711169
Conc: 5.52 ug/ml



#17 n-Tricontane (C30)

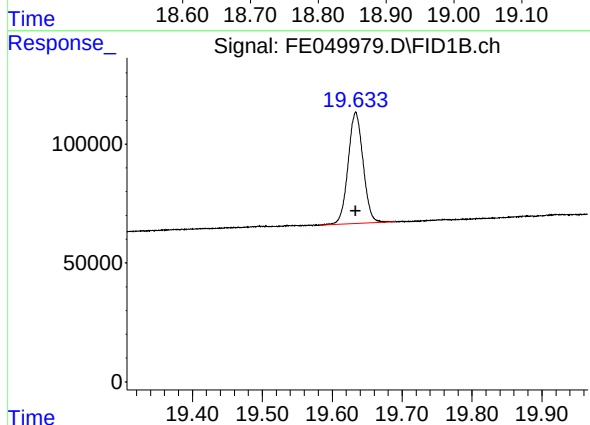
R.T.: 18.020 min
Delta R.T.: 0.000 min
Response: 748840
Conc: 5.60 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



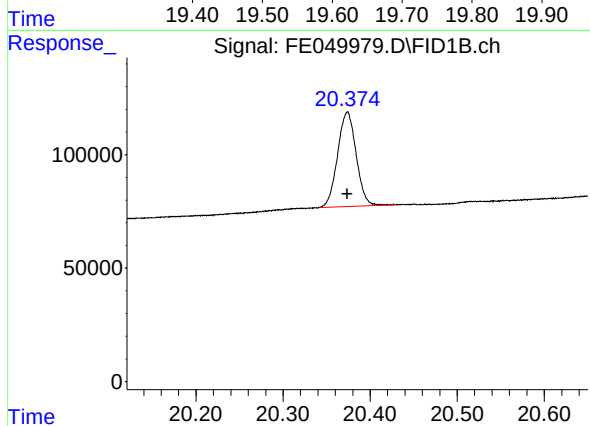
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: 0.000 min
Response: 755185
Conc: 5.67 ug/ml



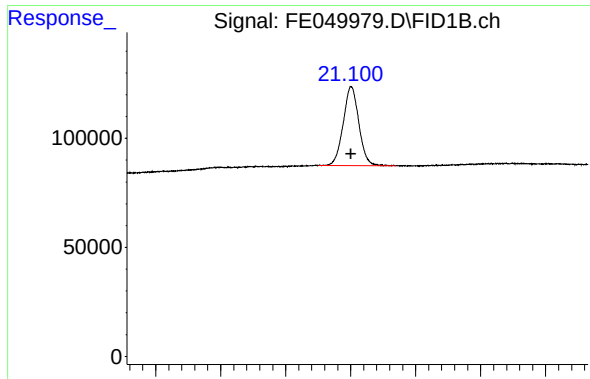
#19 n-Tetatriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.000 min
Response: 697486
Conc: 5.64 ug/ml



#20 n-Hexatriacontane (C36)

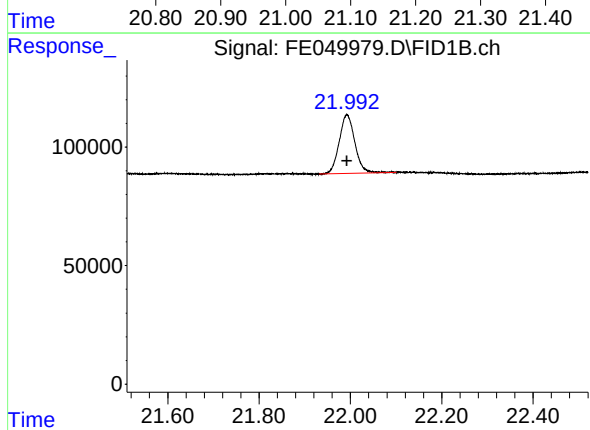
R.T.: 20.374 min
Delta R.T.: 0.000 min
Response: 619117
Conc: 5.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.000 min
Response: 604714
Conc: 5.48 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: 0.000 min
Response: 587334
Conc: 5.40 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049979.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 16:46
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.266	3.241	3.331	BB	73217	731632	90.66%	4.721%
2	4.517	4.448	4.611	BB	74091	743962	92.18%	4.800%
3	6.227	6.161	6.355	BB	59432	711117	88.12%	4.588%
4	6.684	6.651	6.758	BB	72919	740413	91.75%	4.777%
5	7.323	7.271	7.485	BB	50782	663752	82.25%	4.283%
6	8.511	8.471	8.580	BBA	67407	733808	90.93%	4.735%
7	10.117	10.045	10.200	BBA	66790	740547	91.76%	4.778%
8	11.559	11.525	11.640	BBA	64753	754652	93.51%	4.869%
9	11.876	11.851	11.971	BB	71338	807033	100.00%	5.207%
10	12.866	12.831	12.935	BB	60361	726221	89.99%	4.686%
11	13.312	13.168	13.401	BB	49987	597820	74.08%	3.857%
12	13.477	13.405	13.555	BB	56377	709502	87.91%	4.578%
13	14.063	14.028	14.138	BB	54986	702945	87.10%	4.536%
14	15.164	15.081	15.261	BB	54852	718436	89.02%	4.636%
15	16.184	16.141	16.250	BBA	54230	692601	85.82%	4.469%
16	17.133	17.061	17.215	BB	50870	711169	88.12%	4.589%
17	18.020	17.938	18.095	BB	54148	748840	92.79%	4.832%
18	18.851	18.801	18.915	BV	52589	755185	93.58%	4.873%
19	19.634	19.581	19.691	BB	46816	697486	86.43%	4.500%
20	20.374	20.341	20.430	BBA	41808	619117	76.72%	3.995%
21	21.101	21.051	21.170	BBA	36231	604714	74.93%	3.902%
22	21.992	21.931	22.100	BBA	24859	587334	72.78%	3.790%
Sum of corrected areas:							15498284	

Aliphatic EPH 091024.M Tue Sep 10 01:36:12 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049980.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 17:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 09 17:40:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.878	2943115	19.782 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	13.313	2249996	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.266	2693212	19.869 ug/ml
2) T n-Decane (C10)	4.517	2739441	19.849 ug/ml
3) T A~Naphthalene (C11.7)	6.225	2802783	20.024 ug/ml
4) T n-Dodecane (C12)	6.684	2749795	19.885 ug/ml
5) T A~2-methylnaphthalene...	7.321	2636585	20.059 ug/ml
6) T n-Tetradecane (C14)	8.512	2704282	19.859 ug/ml
7) T n-Hexadecane (C16)	10.118	2766412	19.916 ug/ml
8) T n-Octadecane (C18)	11.559	2791725	19.926 ug/ml
10) T n-Eicosane (C20)	12.867	2656161	19.801 ug/ml
11) T n-Heneicosane (C21)	13.479	2612113	19.880 ug/ml
13) T n-Docosane (C22)	14.064	2575951	19.782 ug/ml
14) T n-Tetracosane (C24)	15.165	2570063	19.680 ug/ml
15) T n-Hexacosane (C26)	16.185	2524903	19.735 ug/ml
16) T n-Octacosane (C28)	17.134	2531320	19.652 ug/ml
17) T n-Tricontane (C30)	18.022	2600869	19.450 ug/ml
18) T n-Dotriacontane (C32)	18.853	2587044	19.414 ug/ml
19) T n-Tetratriacontane (C34)	19.636	2394001	19.375 ug/ml
20) T n-Hexatriacontane (C36)	20.375	2166511	19.527 ug/ml
21) T n-Octatriacontane (C38)	21.100	2154755	19.539 ug/ml
22) T n-Tetracontane (C40)	21.993	2138239	19.650 ug/ml

(f)=RT Delta > 1/2 Window

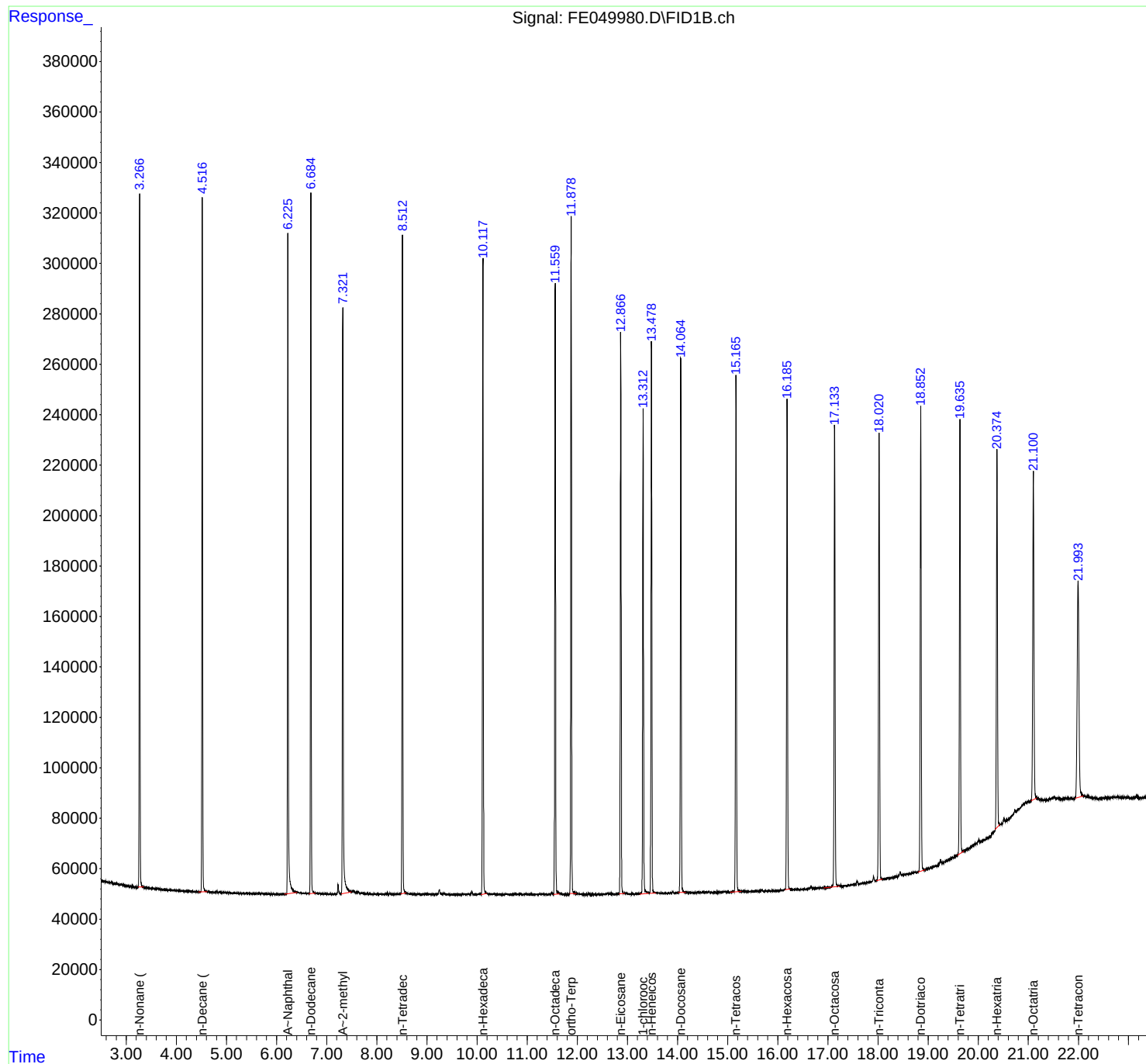
(m)=manual int.

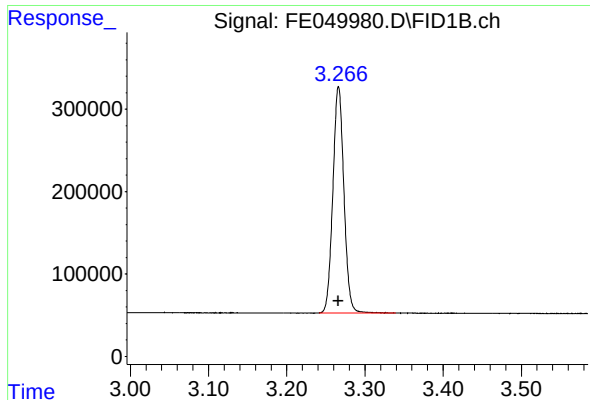
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049980.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 17:17
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Sep 09 17:40:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

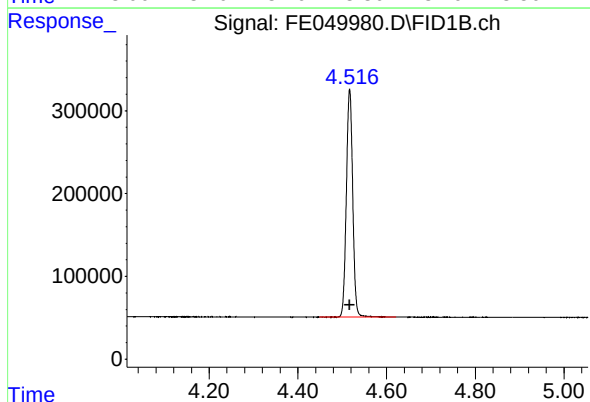
R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 2693212
Conc: 19.87 ug/ml

Instrument :

FID_E

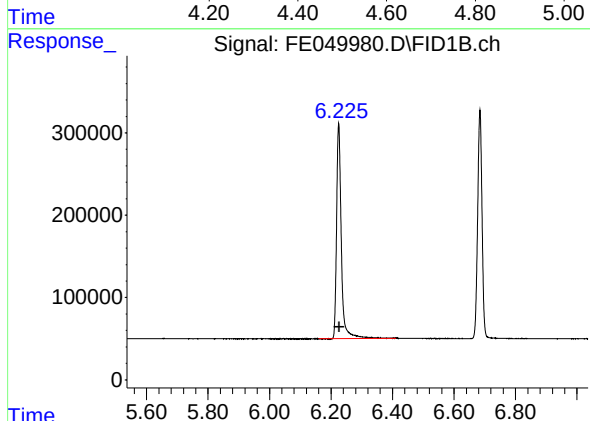
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



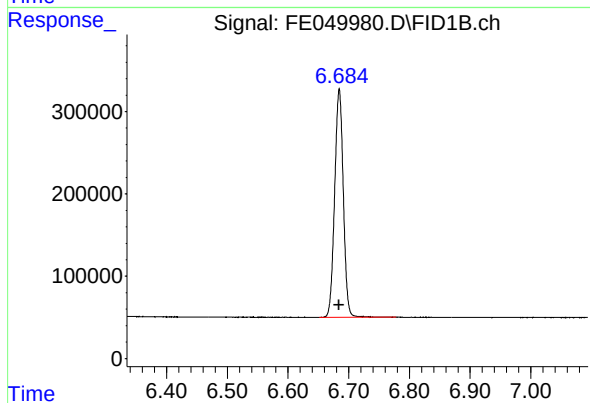
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2739441
Conc: 19.85 ug/ml



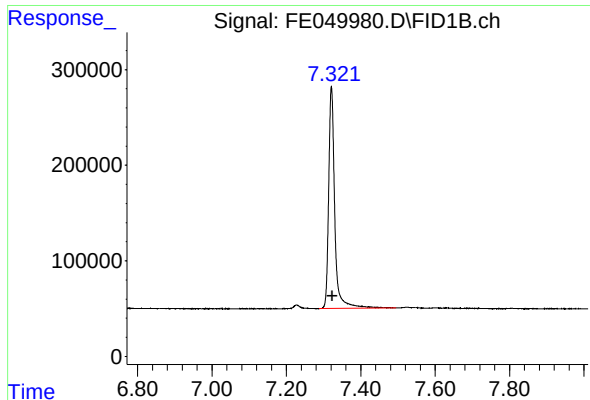
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.002 min
Response: 2802783
Conc: 20.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 2749795
Conc: 19.89 ug/ml



#5 A~2-methylnaphthalene (C12.89)

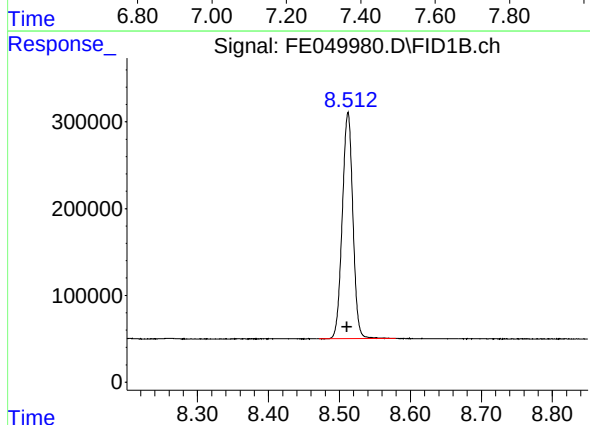
R.T.: 7.321 min
Delta R.T.: -0.002 min
Response: 2636585
Conc: 20.06 ug/ml

Instrument :

FID_E

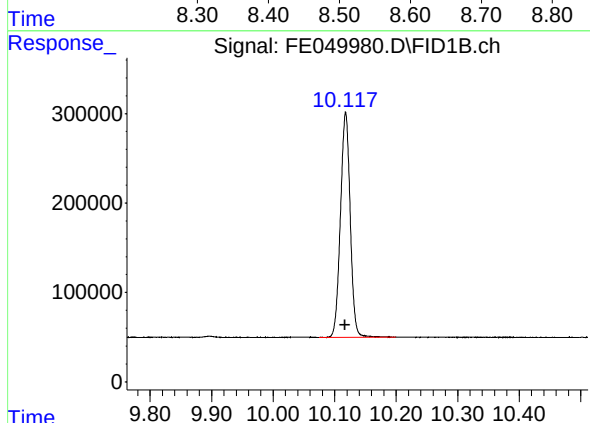
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



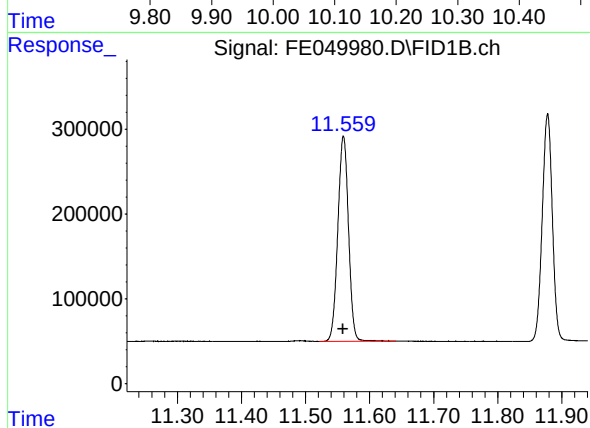
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: 0.001 min
Response: 2704282
Conc: 19.86 ug/ml



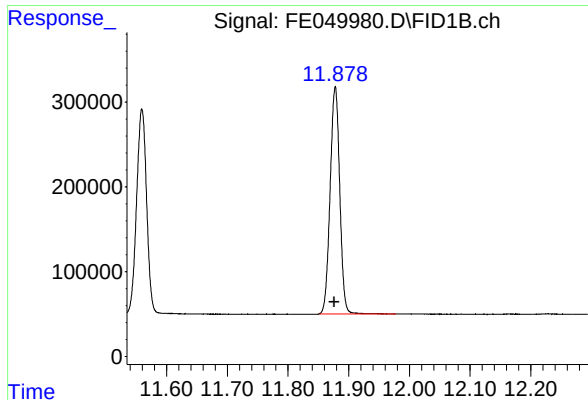
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.000 min
Response: 2766412
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 2791725
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

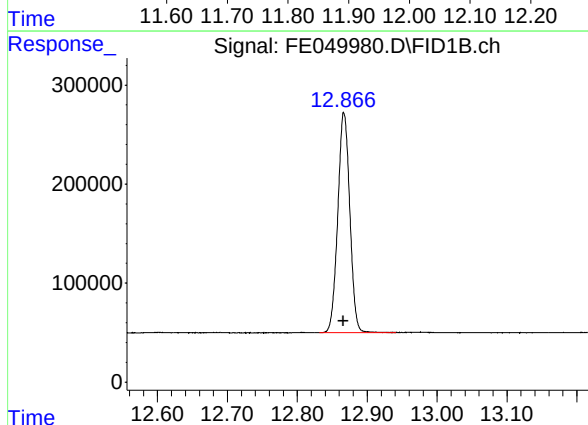
R.T.: 11.878 min
Delta R.T.: 0.001 min
Response: 2943115
Conc: 19.78 ug/ml

Instrument :

FID_E

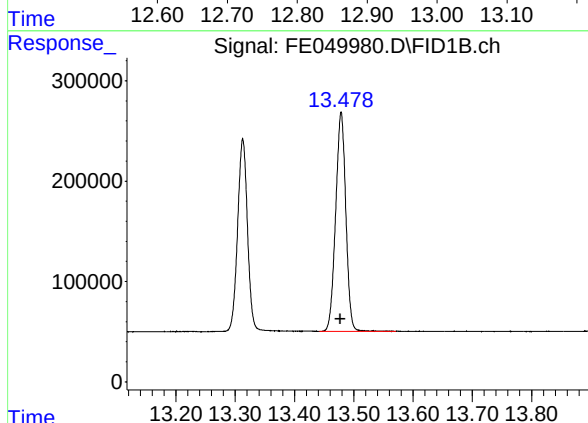
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



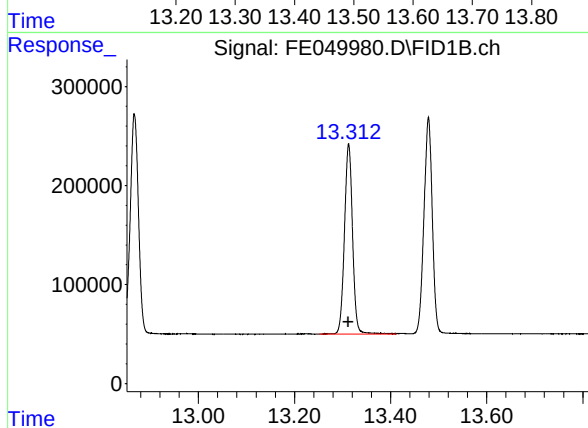
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 2656161
Conc: 19.80 ug/ml



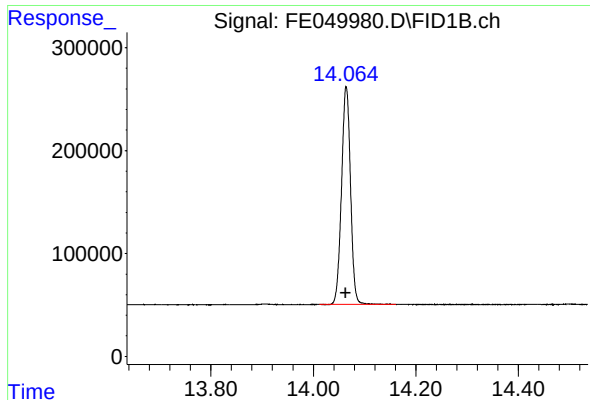
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.001 min
Response: 2612113
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: 0.001 min
Response: 2249996
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

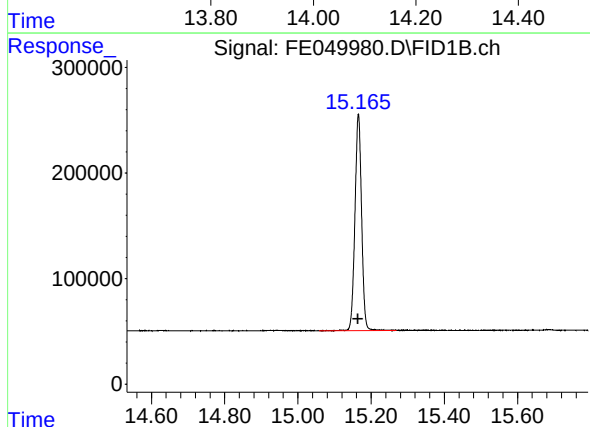
R.T.: 14.064 min
Delta R.T.: 0.001 min
Response: 2575951
Conc: 19.78 ug/ml

Instrument :

FID_E

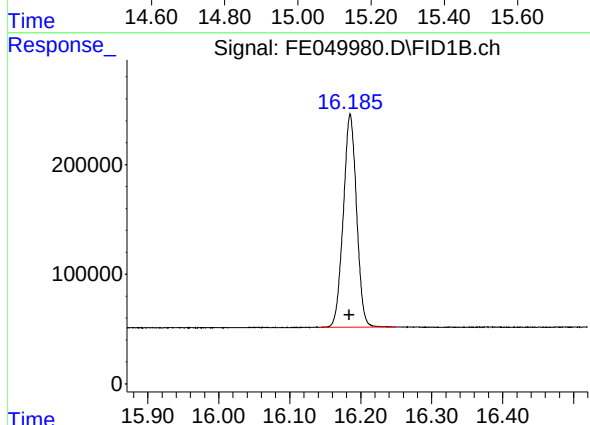
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



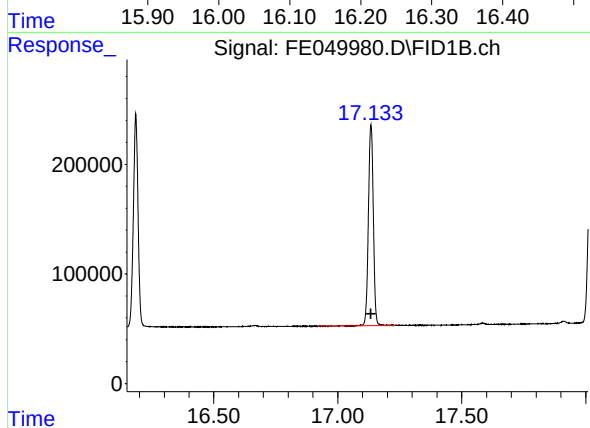
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: 0.001 min
Response: 2570063
Conc: 19.68 ug/ml



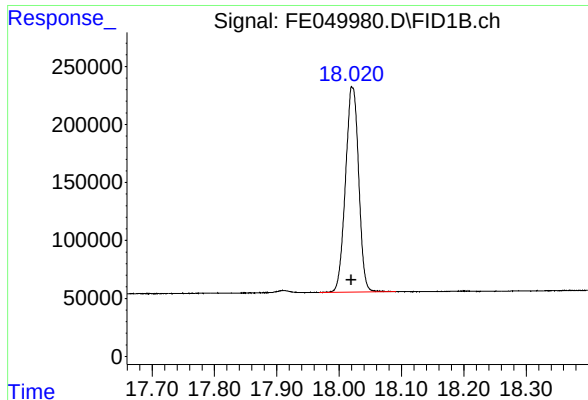
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: 0.002 min
Response: 2524903
Conc: 19.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: 0.000 min
Response: 2531320
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

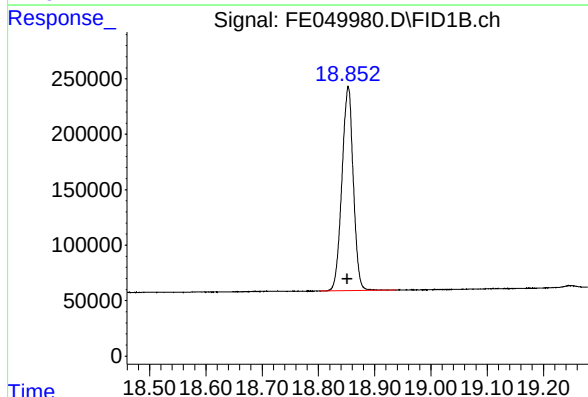
R.T.: 18.022 min
Delta R.T.: 0.002 min
Response: 2600869
Conc: 19.45 ug/ml

Instrument :

FID_E

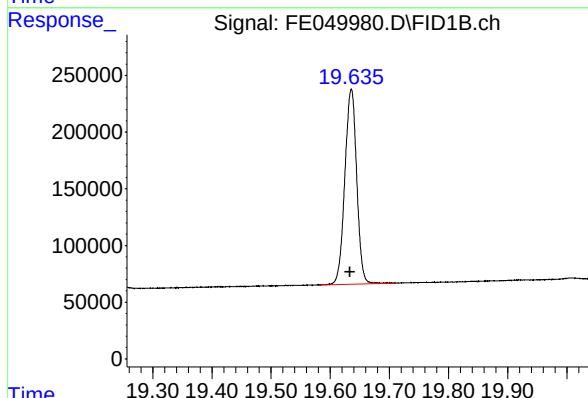
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



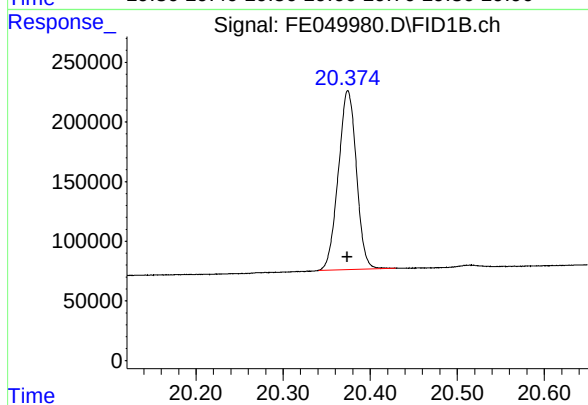
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: 0.002 min
Response: 2587044
Conc: 19.41 ug/ml



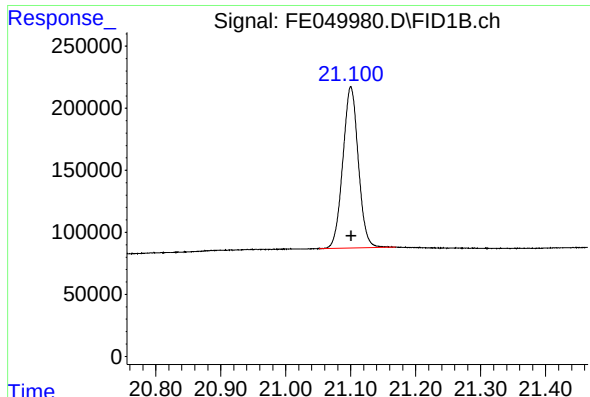
#19 n-Tetatriacontane (C34)

R.T.: 19.636 min
Delta R.T.: 0.002 min
Response: 2394001
Conc: 19.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: 0.000 min
Response: 2166511
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

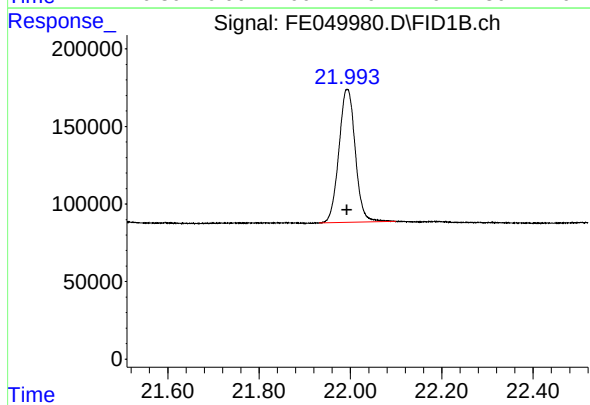
R.T.: 21.100 min
Delta R.T.: 0.000 min
Response: 2154755
Conc: 19.54 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: 0.000 min
Response: 2138239
Conc: 19.65 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049980.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 17:17
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.266	3.241	3.340	BBA	273504	2693212	91.51%	4.759%
2	4.517	4.448	4.621	BB	274766	2739441	93.08%	4.841%
3	6.225	6.161	6.411	BB	260857	2802783	95.23%	4.953%
4	6.684	6.651	6.778	BB	277039	2749795	93.43%	4.859%
5	7.321	7.288	7.495	PV	232317	2636585	89.58%	4.659%
6	8.512	8.471	8.580	BBA	259387	2704282	91.89%	4.779%
7	10.118	10.075	10.200	BBA	251228	2766412	94.00%	4.889%
8	11.559	11.521	11.641	PBA	241759	2791725	94.86%	4.933%
9	11.878	11.851	11.978	BB	268132	2943115	100.00%	5.201%
10	12.867	12.831	12.941	BB	221108	2656161	90.25%	4.694%
11	13.313	13.251	13.411	BV	190918	2249996	76.45%	3.976%
12	13.479	13.442	13.571	VB	217884	2612113	88.75%	4.616%
13	14.064	14.011	14.161	BB	211616	2575951	87.52%	4.552%
14	15.165	15.058	15.268	BB	205102	2570063	87.32%	4.542%
15	16.185	16.141	16.250	BBA	193569	2524903	85.79%	4.462%
16	17.134	16.925	17.235	BB	183026	2531320	86.01%	4.473%
17	18.022	17.968	18.091	BB	177079	2600869	88.37%	4.596%
18	18.853	18.801	18.938	BB	182395	2587044	87.90%	4.572%
19	19.636	19.581	19.711	BB	171970	2394001	81.34%	4.230%
20	20.375	20.341	20.430	BBA	149904	2166511	73.61%	3.828%
21	21.100	21.051	21.170	BBA	129702	2154755	73.21%	3.808%
22	21.993	21.931	22.100	BBA	86083	2138239	72.65%	3.779%
Sum of corrected areas:							56589276	

Aliphatic EPH 091024.M Tue Sep 10 01:36:36 2024