

Initial Calibration Report for SequenceID : FF011425AL

AreaCount

Parameter Range	FF015228.D	FF015229.D	FF015230.D	FF015231.D	FF015232.D	
Aliphatic C9-C12	37432719.000	18836584.000	8059831.000	4319049.000	2067202.000	
Aliphatic C12-C16	25922760.000	13078920.000	5606705.000	2982461.000	1423232.000	
Aliphatic C16-C21	40150174.000	20337980.000	8832349.000	4678010.000	2245943.000	
Aliphatic C21-C28	52162194.000	26703436.000	11627257.000	6148419.000	2982055.000	
Aliphatic C28-C40	56522552.000	29298738.000	12720684.000	6776286.000	3378667.000	
Aliphatic EPH	212190399.000	108255658.000	46846826.000	24904225.000	12097099.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	133293.0479996	6.136				
Aliphatic C12-C16	138403.375	5.921				
Aliphatic C16-C21	144457.8926662	6.554				
Aliphatic C21-C28	142415.3205	7.059				
Aliphatic C28-C40	104686.5493332	8.162				
Aliphatic EPH	128213.3416664	6.917				

Concentration

Parameter Range	FF015228.D	FF015229.D	FF015230.D	FF015231.D	FF015232.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	FF015228.D	FF015229.D	FF015230.D	FF015231.D	FF015232.D	
Aliphatic C9-C12	124775.730000	125577.226666	134330.516666	143968.300000	137813.466666	
Aliphatic C12-C16	129613.800000	130789.200000	140167.625000	149123.050000	142323.200000	
Aliphatic C16-C21	133833.913333	135586.533333	147205.816666	155933.666666	149729.533333	

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Aliphatic C21-C28	130405.485000	133517.180000	145340.712500	153710.475000	149102.750000	
Aliphatic C28-C40	94204.253333	97662.460000	106005.700000	112938.100000	112622.233333	
Aliphatic EPH	117883.555000	120284.064444	130130.072222	138356.805555	134412.211111	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015228.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 12:54
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jan 14 14:41:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 14:38:51 2025
 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)	11.933	14803044	95.689 ug/ml
Spiked Amount 50.000		Recovery =	191.38%
12) S 1-chlorooctadecane (S...	13.367	11613955	95.363 ug/ml
Spiked Amount 50.000		Recovery =	190.73%
Target Compounds			
1) T n-Nonane (C9)	3.319	12288531	96.315 ug/ml
2) T n-Decane (C10)	4.572	12506840	96.250 ug/ml
3) T A~Naphthalene (C11.7)	6.273	13644886	96.164 ug/ml
4) T n-Dodecane (C12)	6.737	12637348	96.372 ug/ml
5) T A~2-methylnaphthalene...	7.368	13336102	96.434 ug/ml
6) T n-Tetradecane (C14)	8.562	12663593	96.307 ug/ml
7) T n-Hexadecane (C16)	10.169	13259167	95.880 ug/ml
8) T n-Octadecane (C18)	11.614	13610495	95.497 ug/ml
10) T n-Eicosane (C20)	12.922	13326803	95.090 ug/ml
11) T n-Heneicosane (C21)	13.535	13212876	95.134 ug/ml
13) T n-Docosane (C22)	14.121	13242501	95.056 ug/ml
14) T n-Tetracosane (C24)	15.224	13307039	94.533 ug/ml
15) T n-Hexacosane (C26)	16.247	13028327	94.652 ug/ml
16) T n-Octacosane (C28)	17.197	12584327	94.076 ug/ml
17) T n-Tricontane (C30)	18.085	12325032	93.184 ug/ml
18) T n-Dotriacontane (C32)	18.918	11414286	93.082 ug/ml
19) T n-Tetratriacontane (C34)	19.700	9634494	93.489 ug/ml
20) T n-Hexatriacontane (C36)	20.440	8013382	94.257 ug/ml
21) T n-Octatriacontane (C38)	21.177	7610463	95.312 ug/ml
22) T n-Tetracontane (C40)	22.091	7524895	96.698 ug/ml

(f)=RT Delta > 1/2 Window

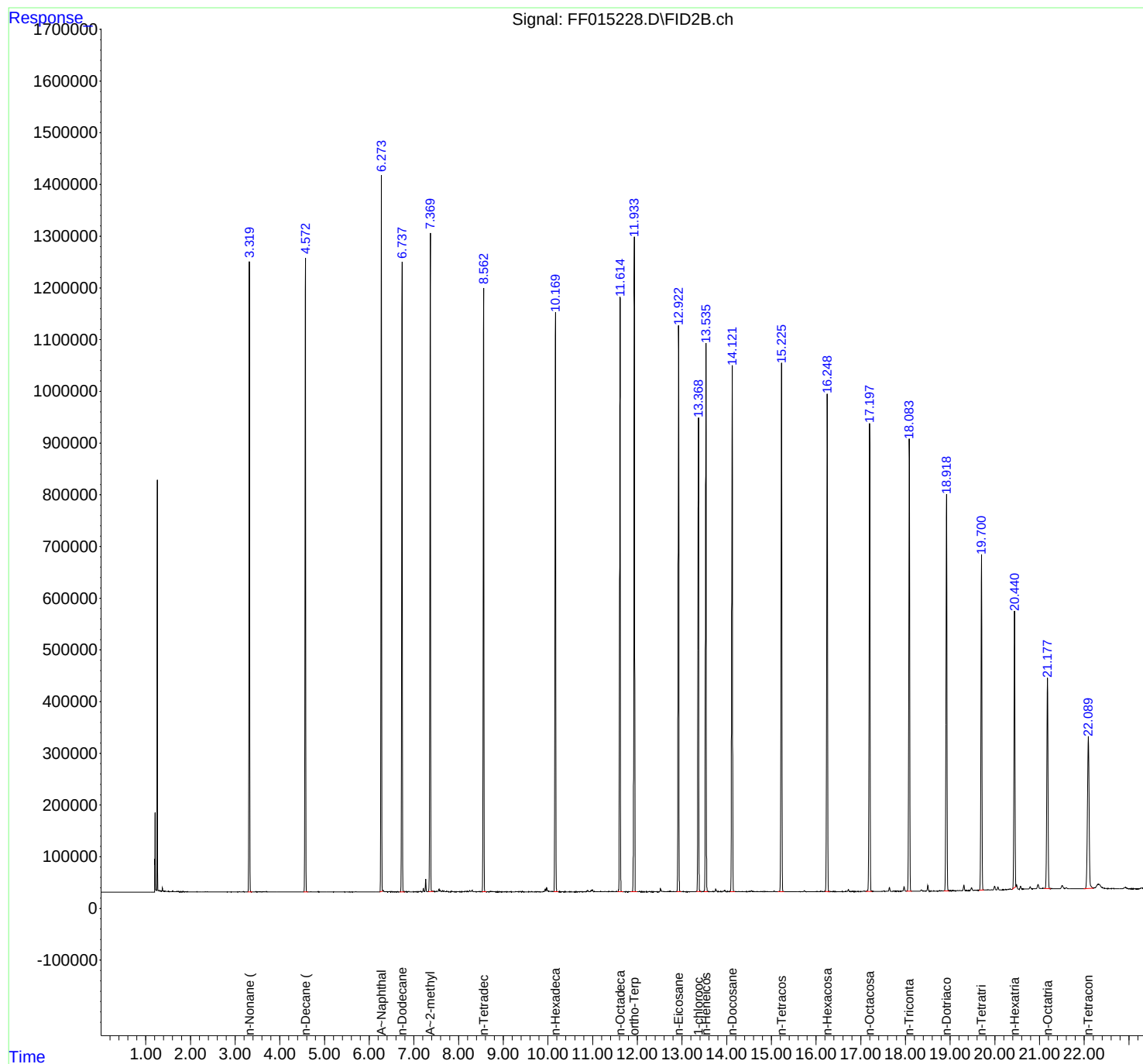
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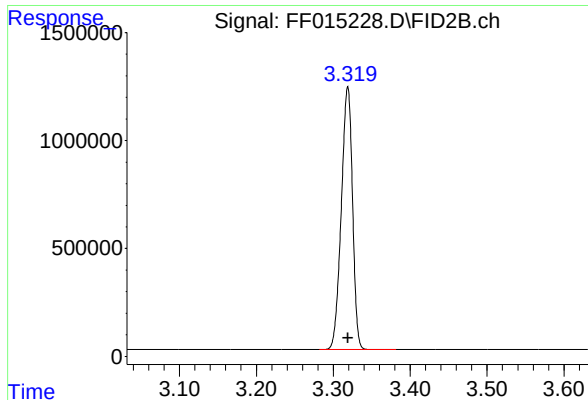
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Data File : FF015228.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 12:54
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jan 14 14:41:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 14:38:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

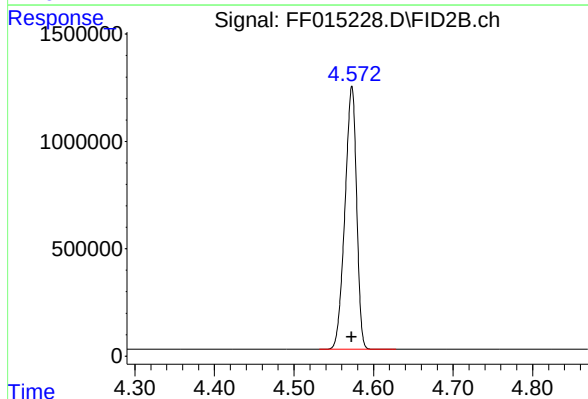




#1 n-Nonane (C9)

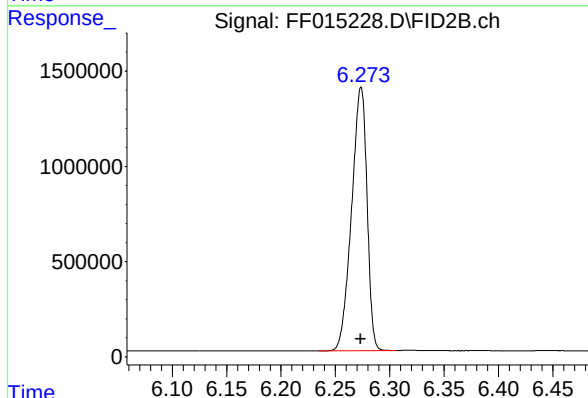
R.T.: 3.319 min
Delta R.T.: 0.000 min
Response: 12288531
Conc: 96.31 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



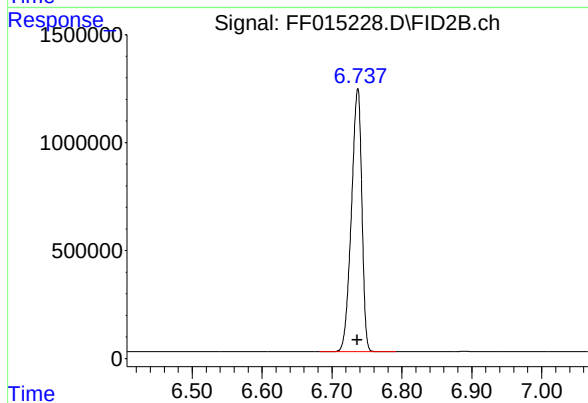
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 12506840
Conc: 96.25 ug/ml



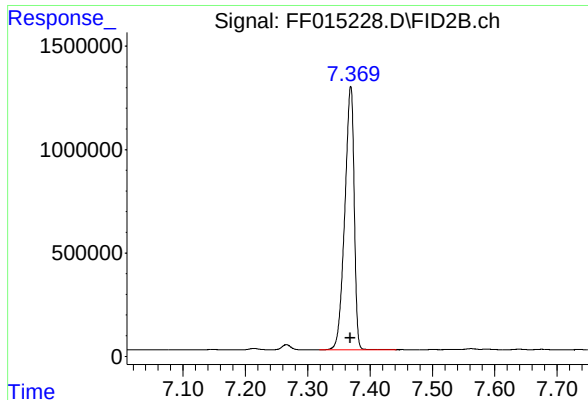
#3 n-Undecane (C11.7)

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 13644886
Conc: 96.16 ug/ml



#4 n-Dodecane (C12)

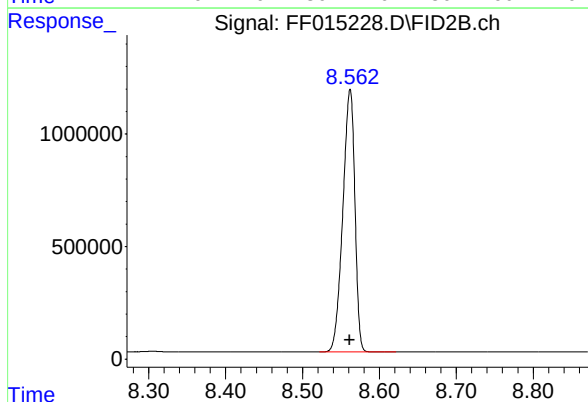
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 12637348
Conc: 96.37 ug/ml



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

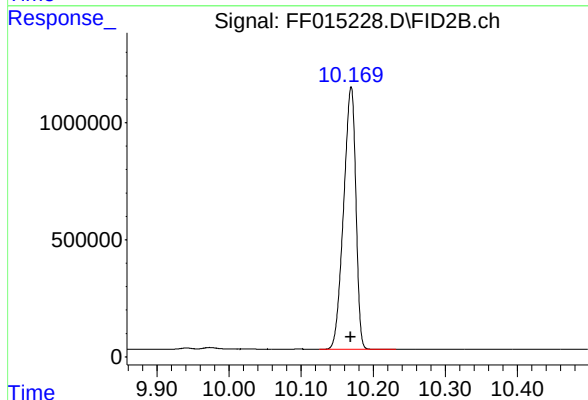
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 13336102
Conc: 96.43 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



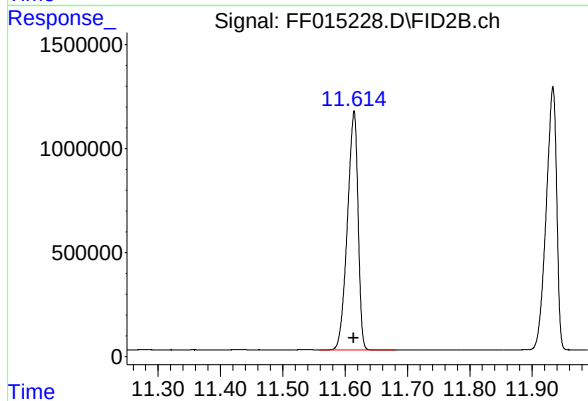
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 12663593
Conc: 96.31 ug/ml



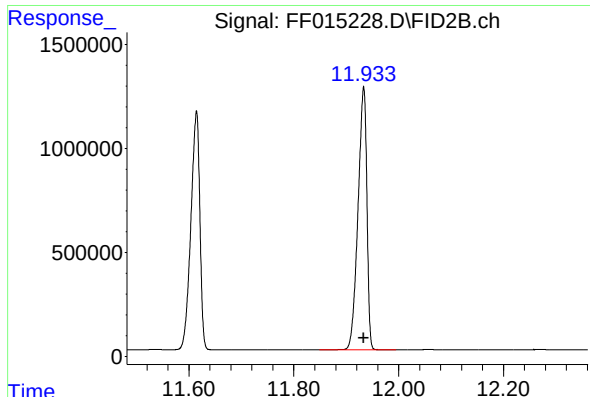
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 13259167
Conc: 95.88 ug/ml



#8 n-Octadecane (C18)

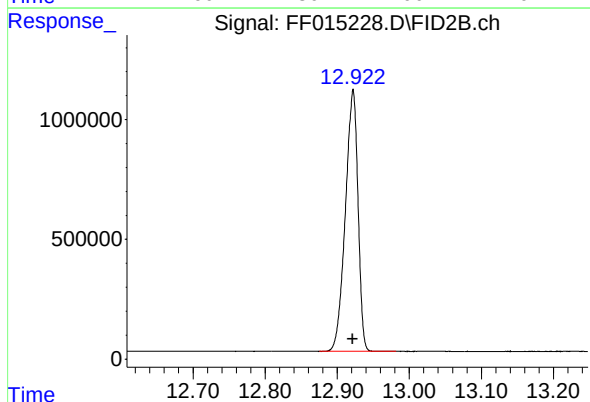
R.T.: 11.614 min
Delta R.T.: 0.000 min
Response: 13610495
Conc: 95.50 ug/ml



#9 ortho-Terphenyl (SURR)

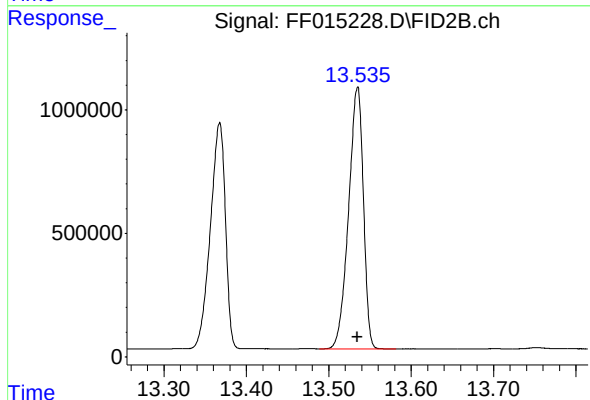
R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 14803044
Conc: 95.69 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



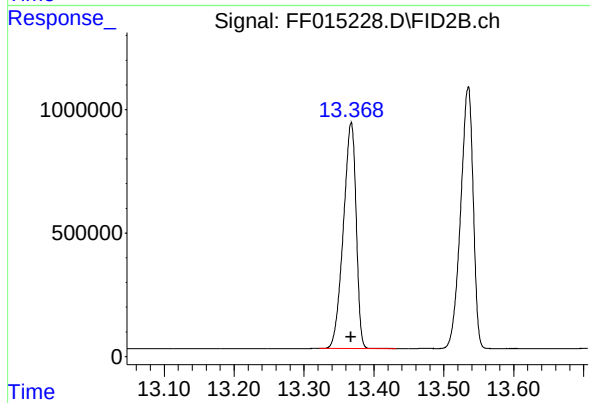
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.000 min
Response: 13326803
Conc: 95.09 ug/ml



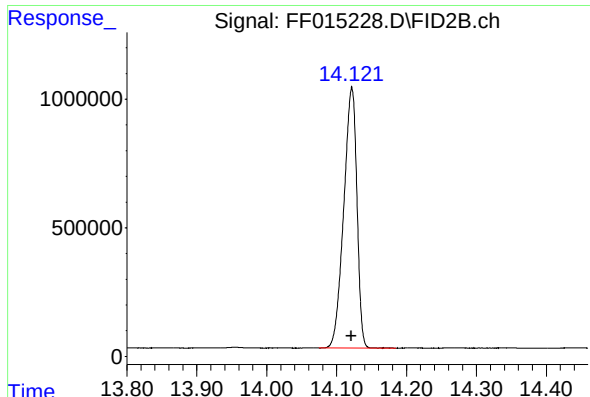
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.000 min
Response: 13212876
Conc: 95.13 ug/ml



#12 1-chlorooctadecane (SURR)

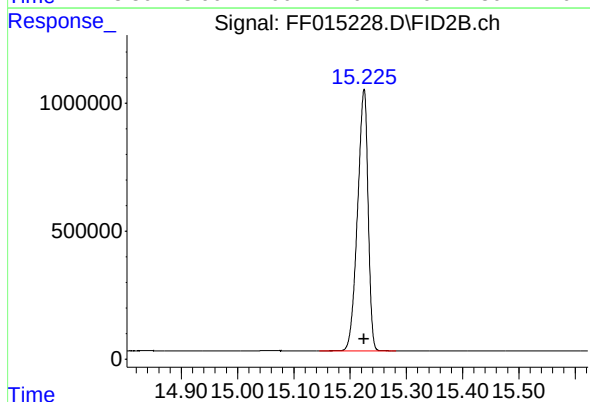
R.T.: 13.367 min
Delta R.T.: 0.000 min
Response: 11613955
Conc: 95.36 ug/ml



#13 n-Docosane (C22)

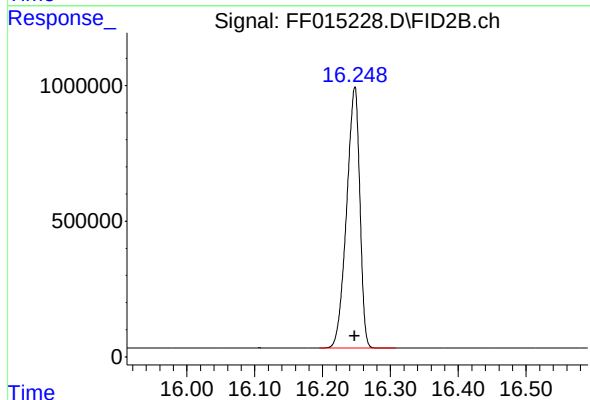
R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 13242501
Conc: 95.06 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



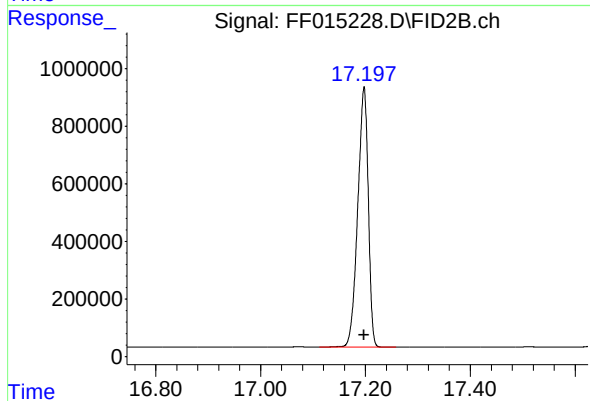
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.000 min
Response: 13307039
Conc: 94.53 ug/ml



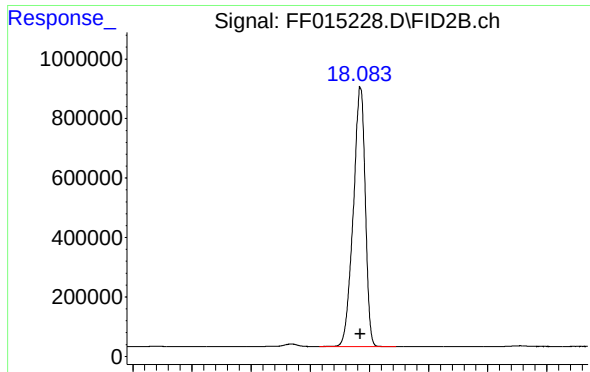
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.000 min
Response: 13028327
Conc: 94.65 ug/ml



#16 n-Octacosane (C28)

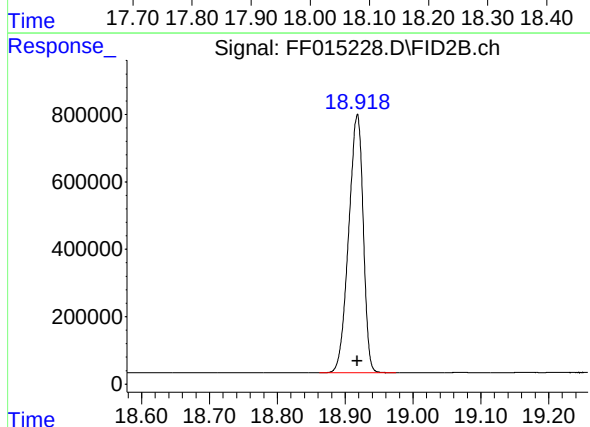
R.T.: 17.197 min
Delta R.T.: 0.000 min
Response: 12584327
Conc: 94.08 ug/ml



#17 n-Tricontane (C30)

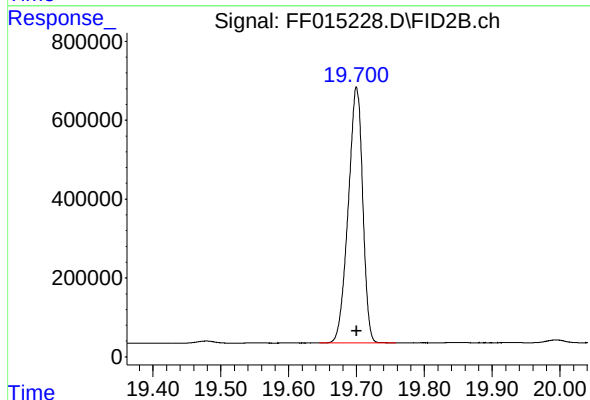
R.T.: 18.085 min
Delta R.T.: 0.000 min
Response: 12325032
Conc: 93.18 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



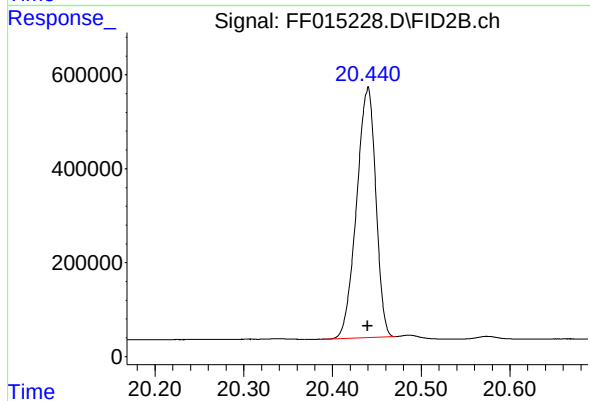
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.000 min
Response: 11414286
Conc: 93.08 ug/ml



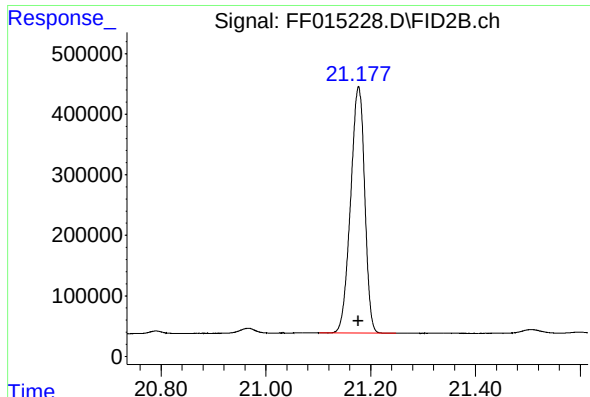
#19 n-Tetatriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 9634494
Conc: 93.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: 0.000 min
Response: 8013382
Conc: 94.26 ug/ml



#21 n-Octatriacontane (C38)

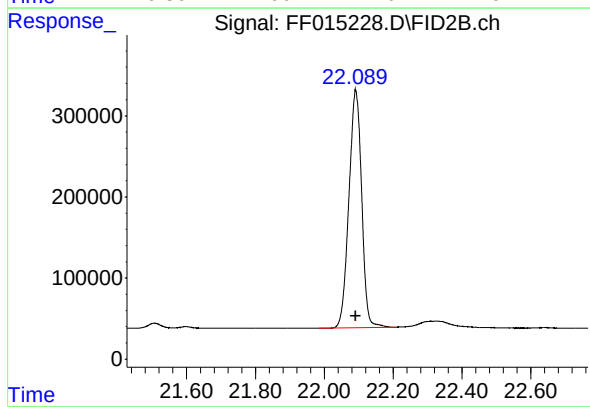
R.T.: 21.177 min
Delta R.T.: 0.000 min
Response: 7610463
Conc: 95.31 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: 0.000 min
Response: 7524895
Conc: 96.70 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
Data File : FF015228.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 12:54
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH
011425.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.319	3.282	3.382	BB	1215299	12288531	83.01%	4.627%
2	4.572	4.532	4.628	BB	1214843	12506840	84.49%	4.709%
3	6.273	6.235	6.306	BV	1408282	13644886	92.18%	5.138%
4	6.737	6.682	6.792	BB	1202347	12637348	85.37%	4.758%
5	7.368	7.318	7.442	PB	1275259	13336102	90.09%	5.021%
6	8.562	8.522	8.622	BB	1167524	12663593	85.55%	4.768%
7	10.169	10.125	10.232	BB	1117505	13259167	89.57%	4.992%
8	11.614	11.558	11.682	BB	1160300	13610495	91.94%	5.125%
9	11.933	11.848	11.995	BB	1248907	14803044	100.00%	5.574%
10	12.922	12.875	12.982	BB	1087815	13326803	90.03%	5.018%
11	13.367	13.322	13.432	BB	920544	11613955	78.46%	4.373%
12	13.535	13.488	13.582	BB	1063276	13212876	89.26%	4.975%
13	14.121	14.075	14.185	BB	1014742	13242501	89.46%	4.986%
14	15.224	15.145	15.282	BB	1026703	13307039	89.89%	5.010%
15	16.247	16.195	16.308	BB	972349	13028327	88.01%	4.905%
16	17.197	17.112	17.258	BB	905763	12584327	85.01%	4.738%
17	18.085	18.015	18.145	BB	875573	12325032	83.26%	4.641%
18	18.918	18.862	18.975	BB	767257	11414286	77.11%	4.298%
19	19.700	19.645	19.758	BB	645416	9634494	65.08%	3.628%
20	20.440	20.385	20.472	BV	527488	8013382	54.13%	3.017%
21	21.177	21.102	21.248	BB	407004	7610463	51.41%	2.866%
22	22.091	21.985	22.208	BB	292806	7524895	50.83%	2.833%
Sum of corrected areas:						265588386		

Aliphatic EPH 011425.M Tue Jan 14 18:14:26 2025

Page 1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015229.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 13:23
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 14 14:43:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
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Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.927	7473922	48.862 ug/ml
Spiked Amount 50.000		Recovery =	97.72%
12) S 1-chlorooctadecane (S...	13.363	5871481	48.793 ug/ml
Spiked Amount 50.000		Recovery =	97.59%
Target Compounds			
1) T n-Nonane (C9)	3.316	6173307	48.912 ug/ml
2) T n-Decane (C10)	4.569	6296033	48.958 ug/ml
3) T A~Naphthalene (C11.7)	6.269	6879432	48.979 ug/ml
4) T n-Dodecane (C12)	6.733	6367244	49.028 ug/ml
5) T A~2-methylnaphthalene...	7.364	6684586	48.878 ug/ml
6) T n-Tetradecane (C14)	8.558	6383197	49.020 ug/ml
7) T n-Hexadecane (C16)	10.165	6695723	48.934 ug/ml
8) T n-Octadecane (C18)	11.608	6889558	48.881 ug/ml
10) T n-Eicosane (C20)	12.918	6757719	48.798 ug/ml
11) T n-Heneicosane (C21)	13.531	6690703	48.767 ug/ml
13) T n-Docosane (C22)	14.117	6737631	48.897 ug/ml
14) T n-Tetracosane (C24)	15.220	6796566	48.842 ug/ml
15) T n-Hexacosane (C26)	16.241	6673341	48.978 ug/ml
16) T n-Octacosane (C28)	17.192	6495898	49.031 ug/ml
17) T n-Tricontane (C30)	18.080	6418636	49.009 ug/ml
18) T n-Dotriacontane (C32)	18.913	6014157	49.359 ug/ml
19) T n-Tetratriacontane (C34)	19.697	5024631	49.164 ug/ml
20) T n-Hexatriacontane (C36)	20.437	4129543	49.040 ug/ml
21) T n-Octatriacontane (C38)	21.173	3867451	48.946 ug/ml
22) T n-Tetracontane (C40)	22.090	3844320	49.599 ug/ml

(f)=RT Delta > 1/2 Window

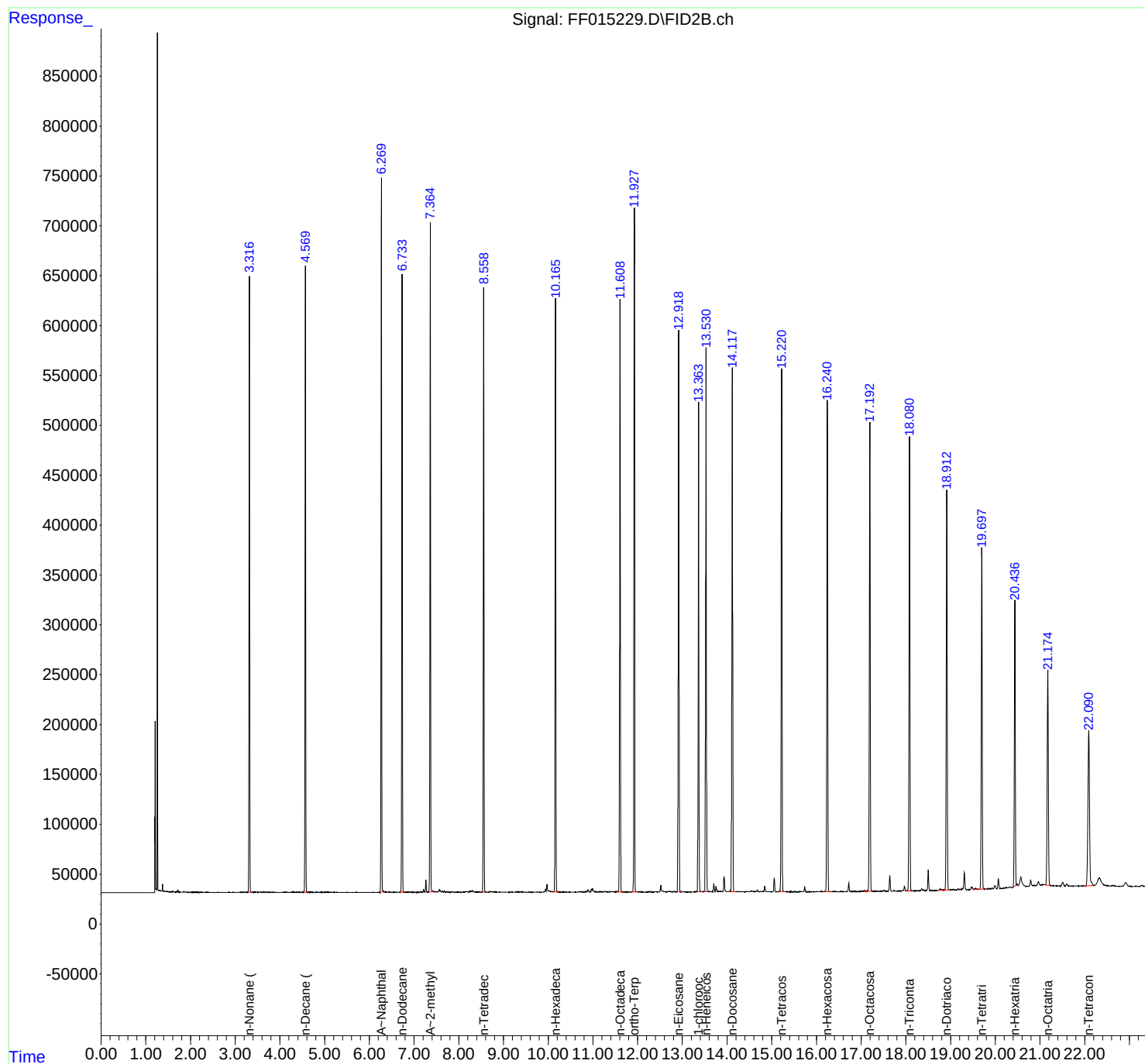
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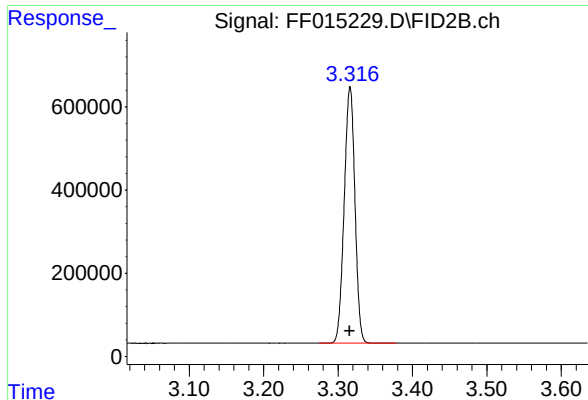
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
Data File : FF015229.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 13:23
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Jan 14 14:43:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
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Signal Info : 20M x 0.18mm x 0.18um

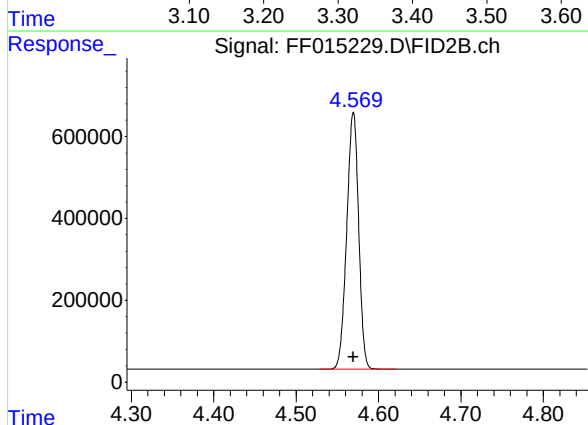




#1 n-Nonane (C9)

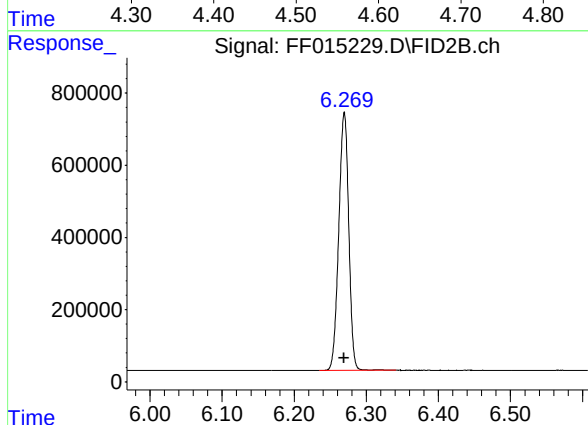
R.T.: 3.316 min
Delta R.T.: 0.000 min
Response: 6173307
Conc: 48.91 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



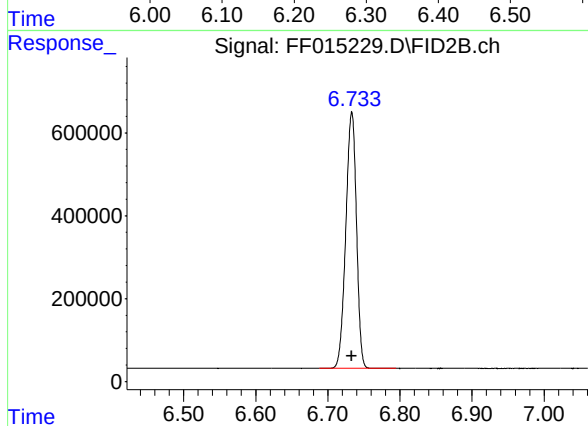
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 6296033
Conc: 48.96 ug/ml



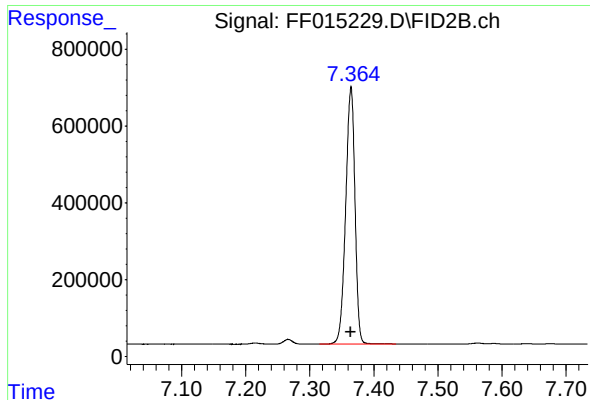
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 6879432
Conc: 48.98 ug/ml



#4 n-Dodecane (C12)

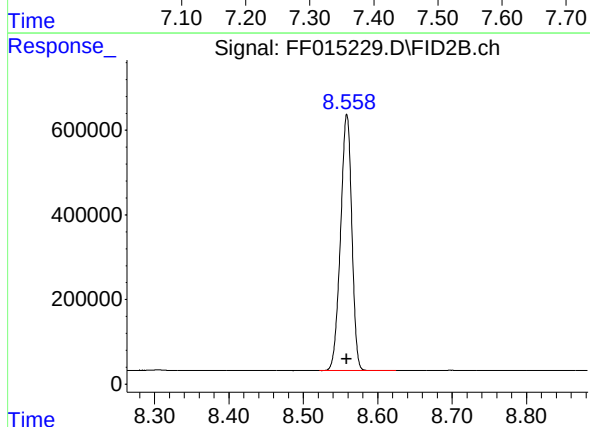
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 6367244
Conc: 49.03 ug/ml



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

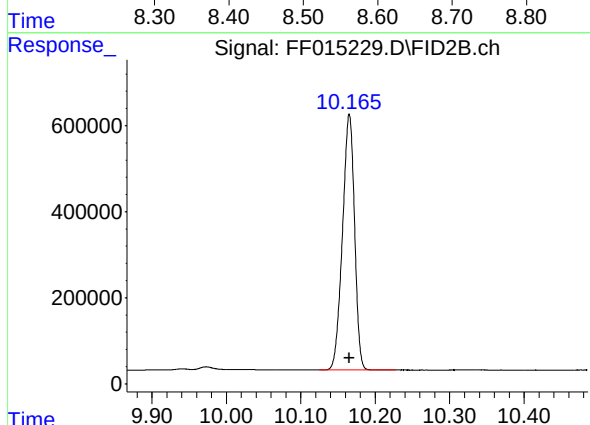
R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 6684586
Conc: 48.88 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



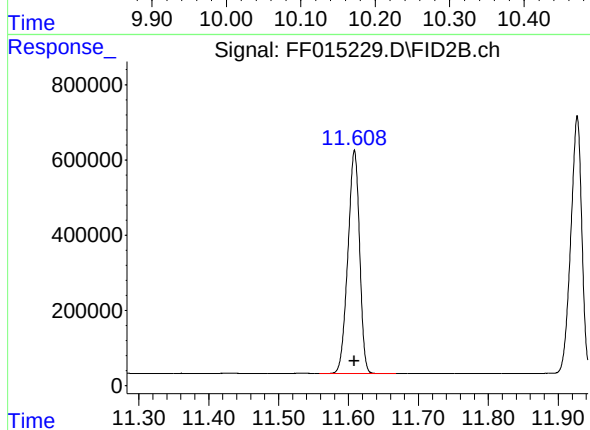
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 6383197
Conc: 49.02 ug/ml



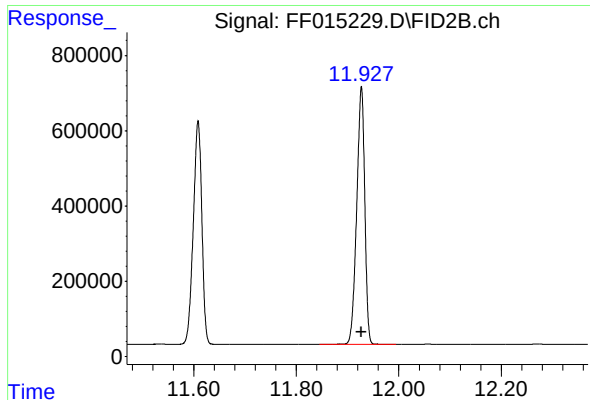
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 6695723
Conc: 48.93 ug/ml



#8 n-Octadecane (C18)

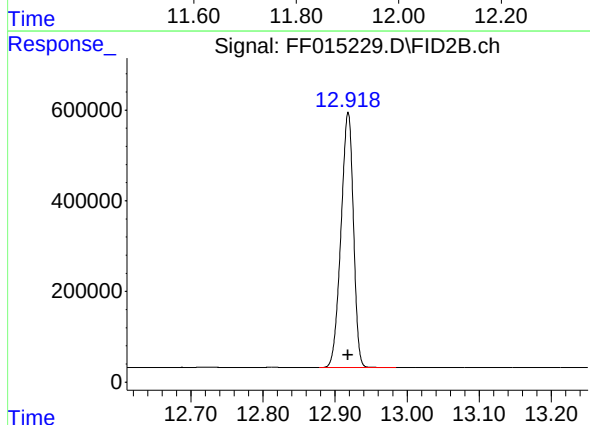
R.T.: 11.608 min
Delta R.T.: 0.000 min
Response: 6889558
Conc: 48.88 ug/ml



#9 ortho-Terphenyl (SURR)

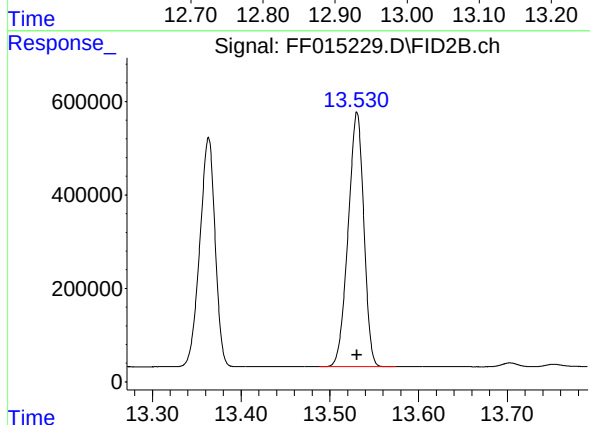
R.T.: 11.927 min
Delta R.T.: 0.000 min
Response: 7473922
Conc: 48.86 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



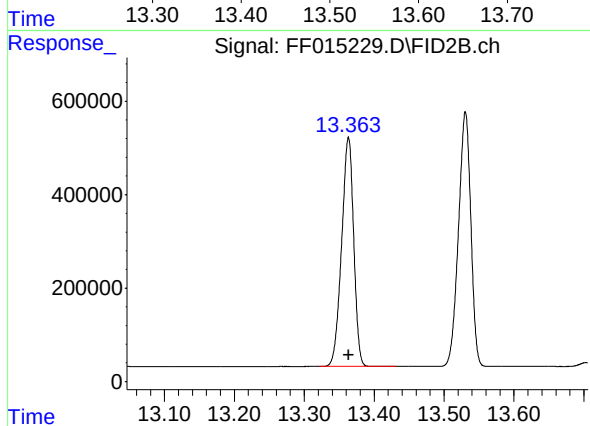
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 6757719
Conc: 48.80 ug/ml



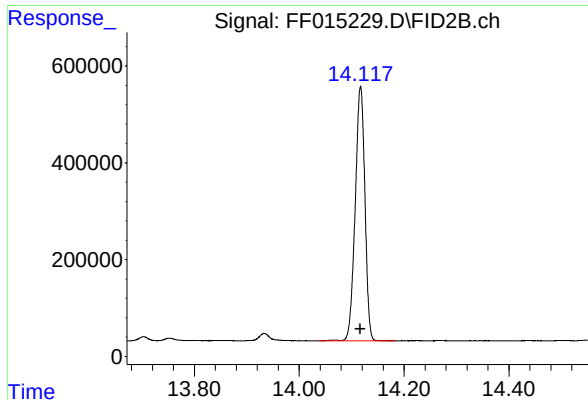
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 6690703
Conc: 48.77 ug/ml



#12 1-chlorooctadecane (SURR)

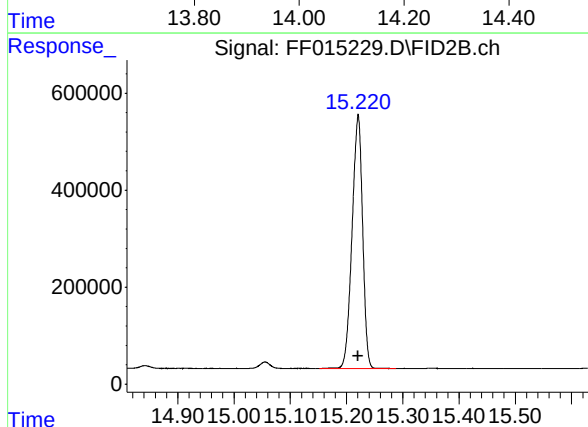
R.T.: 13.363 min
Delta R.T.: 0.000 min
Response: 5871481
Conc: 48.79 ug/ml



#13 n-Docosane (C22)

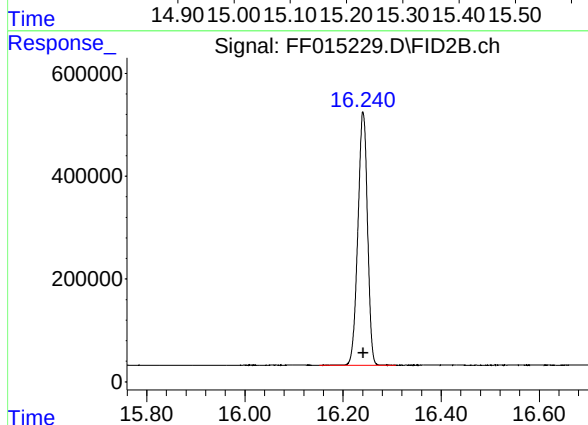
R.T.: 14.117 min
Delta R.T.: 0.000 min
Response: 6737631
Conc: 48.90 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



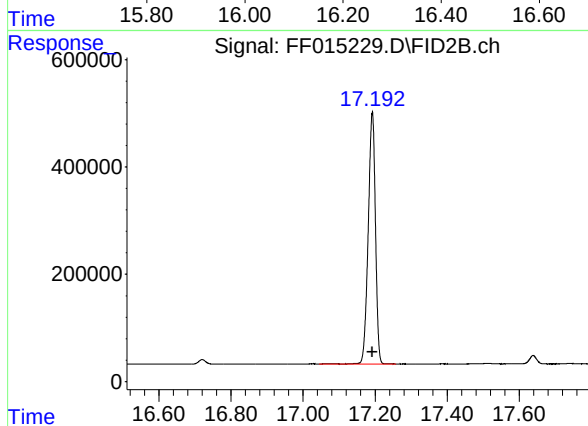
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: 0.000 min
Response: 6796566
Conc: 48.84 ug/ml



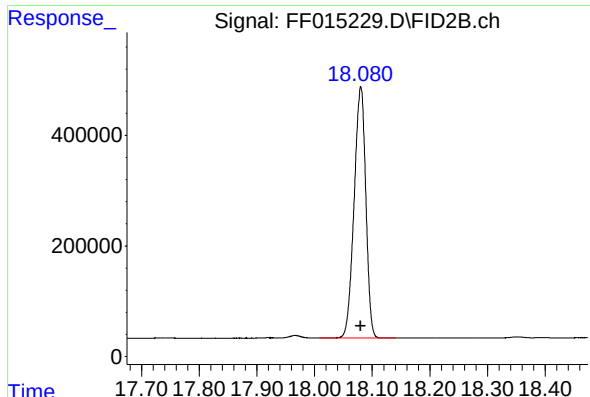
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 6673341
Conc: 48.98 ug/ml



#16 n-Octacosane (C28)

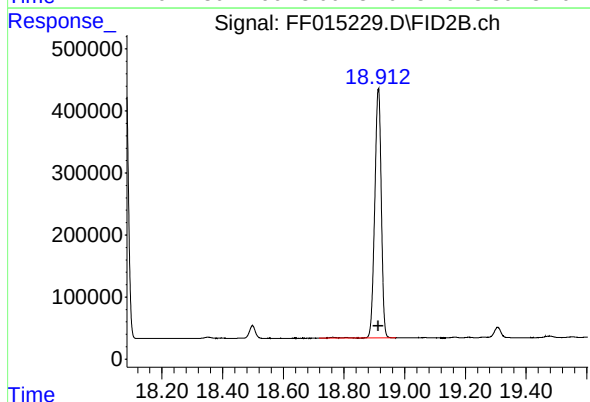
R.T.: 17.192 min
Delta R.T.: 0.000 min
Response: 6495898
Conc: 49.03 ug/ml



#17 n-Tricontane (C30)

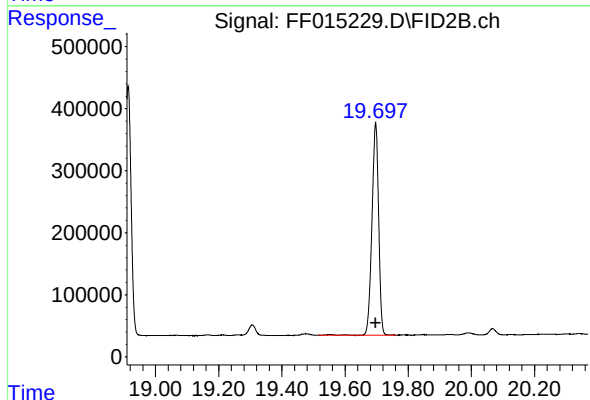
R.T.: 18.080 min
Delta R.T.: 0.000 min
Response: 6418636
Conc: 49.01 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



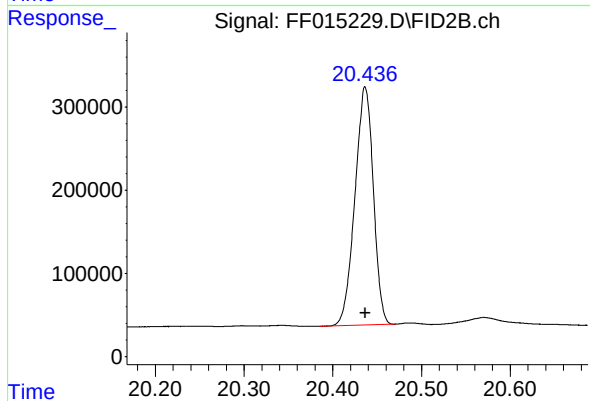
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: 0.000 min
Response: 6014157
Conc: 49.36 ug/ml



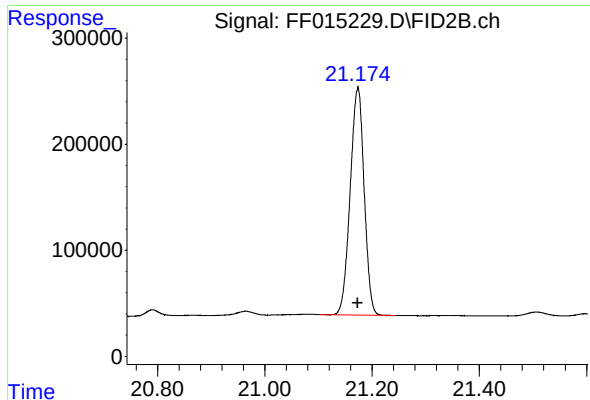
#19 n-Tetatriacontane (C34)

R.T.: 19.697 min
Delta R.T.: 0.000 min
Response: 5024631
Conc: 49.16 ug/ml



#20 n-Hexatriacontane (C36)

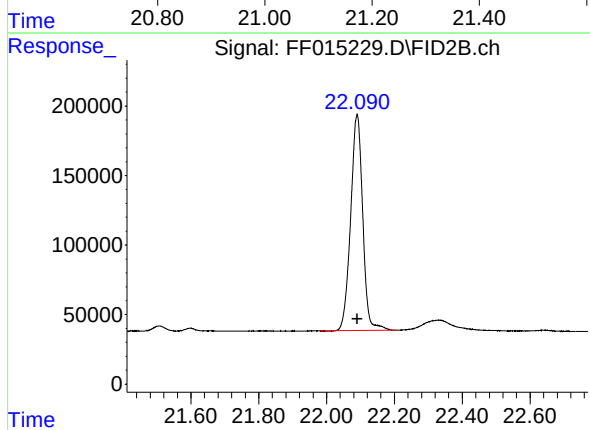
R.T.: 20.437 min
Delta R.T.: 0.000 min
Response: 4129543
Conc: 49.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: 0.000 min
Response: 3867451
Conc: 48.95 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.090 min
Delta R.T.: 0.000 min
Response: 3844320
Conc: 49.60 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015229.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 13:23
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH
 011425.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.316	3.275	3.378	BB	612013	6173307	82.60%	4.567%
2	4.569	4.528	4.621	BB	624331	6296033	84.24%	4.658%
3	6.269	6.235	6.341	BB	706763	6879432	92.05%	5.090%
4	6.733	6.688	6.795	BB	622682	6367244	85.19%	4.711%
5	7.364	7.315	7.435	BB	669956	6684586	89.44%	4.945%
6	8.558	8.521	8.625	BB	605503	6383197	85.41%	4.723%
7	10.165	10.125	10.228	BB	593818	6695723	89.59%	4.954%
8	11.608	11.558	11.668	BB	592141	6889558	92.18%	5.097%
9	11.927	11.845	11.995	BB	688148	7473922	100.00%	5.529%
10	12.918	12.878	12.985	BB	563801	6757719	90.42%	5.000%
11	13.363	13.321	13.431	BB	493808	5871481	78.56%	4.344%
12	13.531	13.488	13.575	BB	546883	6690703	89.52%	4.950%
13	14.117	14.038	14.185	BB	526796	6737631	90.15%	4.985%
14	15.220	15.151	15.288	BB	524667	6796566	90.94%	5.028%
15	16.241	16.151	16.308	BB	492183	6673341	89.29%	4.937%
16	17.192	17.045	17.258	BB	468351	6495898	86.91%	4.806%
17	18.080	18.008	18.141	BB	457761	6418636	85.88%	4.749%
18	18.913	18.718	18.971	BB	403408	6014157	80.47%	4.449%
19	19.697	19.518	19.761	BB	341922	5024631	67.23%	3.717%
20	20.437	20.385	20.471	BV	285203	4129543	55.25%	3.055%
21	21.173	21.101	21.245	BB	214859	3867451	51.75%	2.861%
22	22.090	21.978	22.205	BB	155532	3844320	51.44%	2.844%

Sum of corrected areas: 135165079

Aliphatic EPH 011425.M Tue Jan 14 18:14:57 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015230.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 14:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jan 14 14:39:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 14:38:51 2025
 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)	11.920	3227403	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.358	2548697	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.302	2645794	20.000 ug/ml
2) T n-Decane (C10)	4.556	2696276	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.259	2946721	20.000 ug/ml
4) T n-Dodecane (C12)	6.723	2717761	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.354	2864501	20.000 ug/ml
6) T n-Tetradecane (C14)	8.551	2726969	20.000 ug/ml
7) T n-Hexadecane (C16)	10.158	2879736	20.000 ug/ml
8) T n-Octadecane (C18)	11.602	2978815	20.000 ug/ml
10) T n-Eicosane (C20)	12.913	2940634	20.000 ug/ml
11) T n-Heneicosane (C21)	13.526	2912900	20.000 ug/ml
13) T n-Docosane (C22)	14.112	2924017	20.000 ug/ml
14) T n-Tetracosane (C24)	15.215	2969264	20.000 ug/ml
15) T n-Hexacosane (C26)	16.239	2900118	20.000 ug/ml
16) T n-Octacosane (C28)	17.188	2833858	20.000 ug/ml
17) T n-Tricontane (C30)	18.077	2825626	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.909	2622183	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2195313	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.434	1797979	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.172	1671820	20.000 ug/ml
22) T n-Tetracontane (C40)	22.087	1607763	20.000 ug/ml

(f)=RT Delta > 1/2 Window

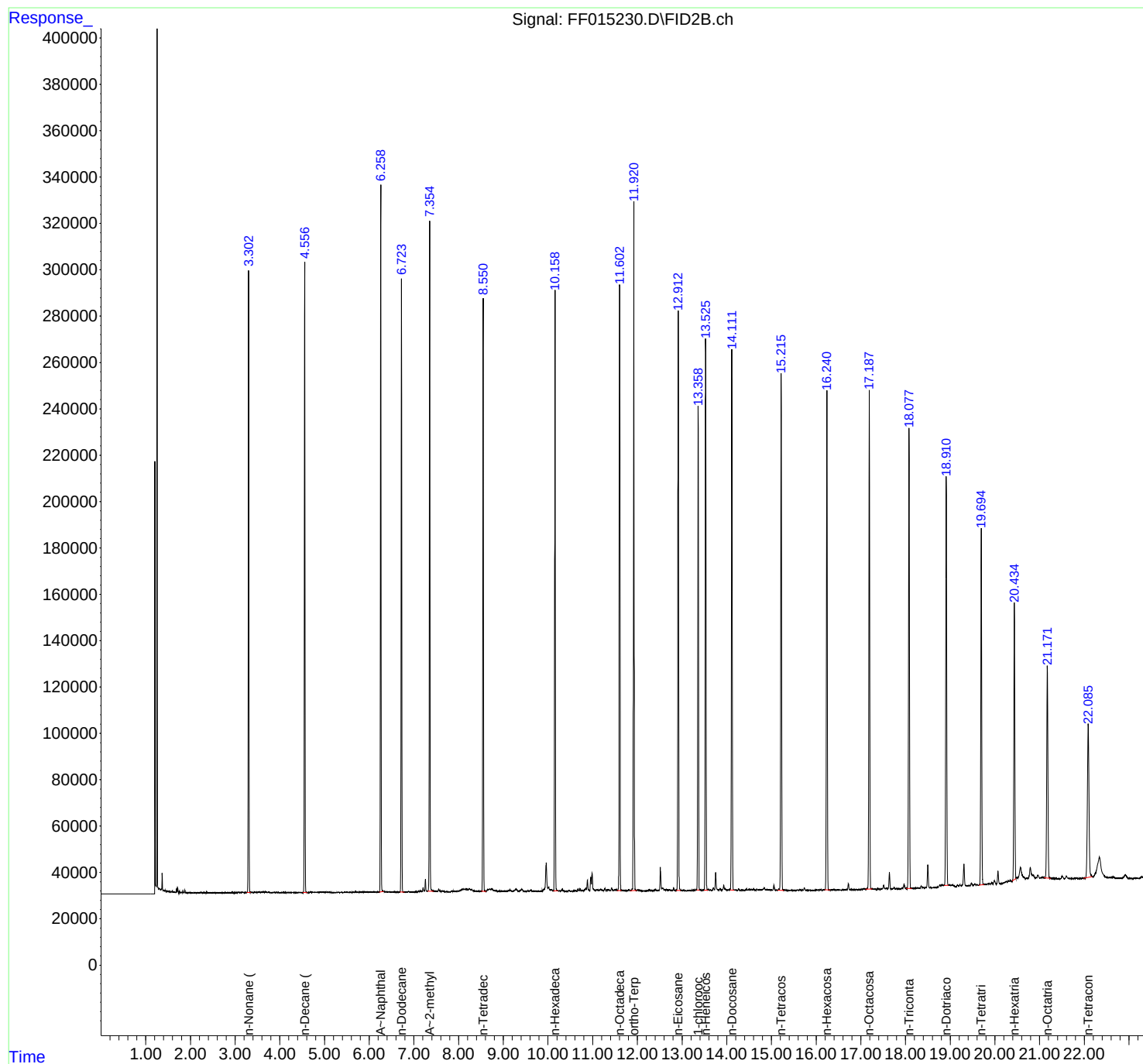
(m)=manual int.

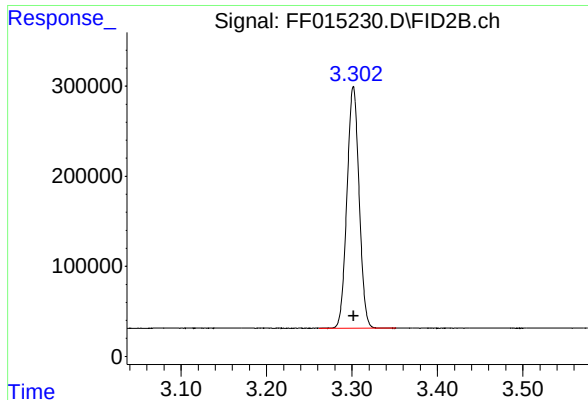
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
Data File : FF015230.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 14:01
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jan 14 14:39:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 14:38:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

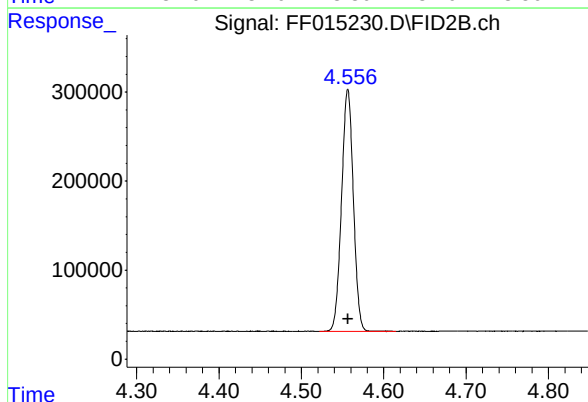




#1 n-Nonane (C9)

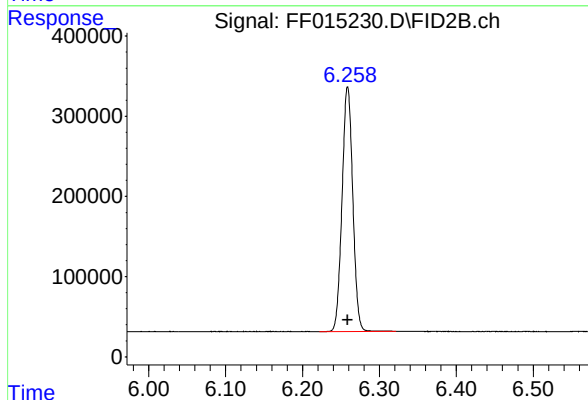
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 2645794
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



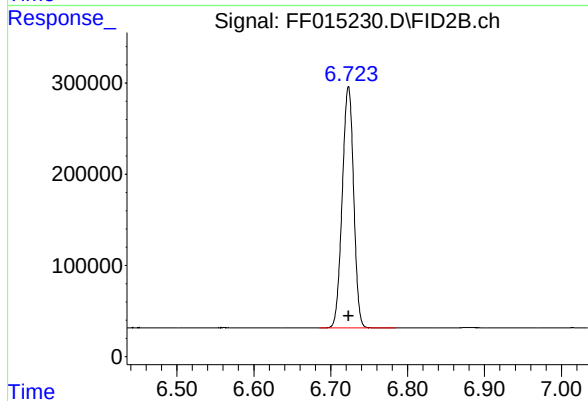
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 2696276
Conc: 20.00 ug/ml



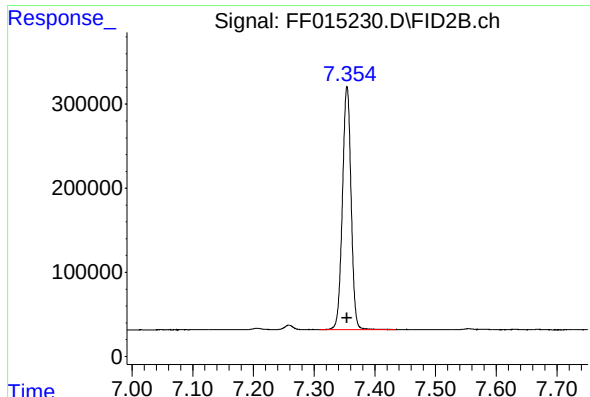
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 2946721
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

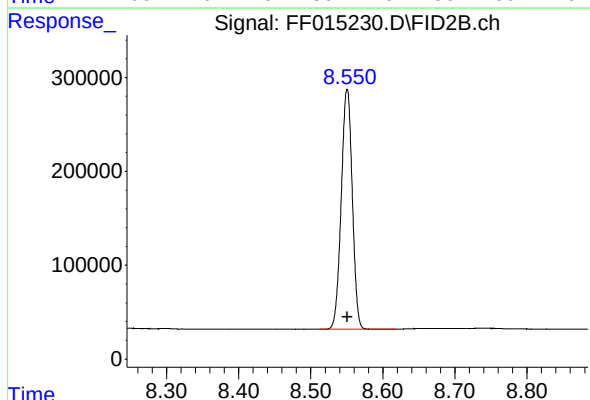
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 2717761
Conc: 20.00 ug/ml



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

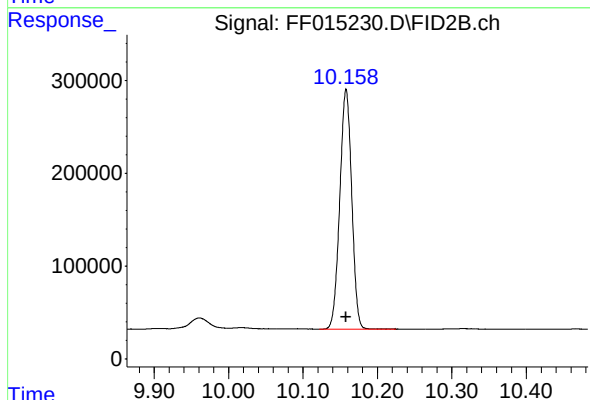
R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 2864501
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



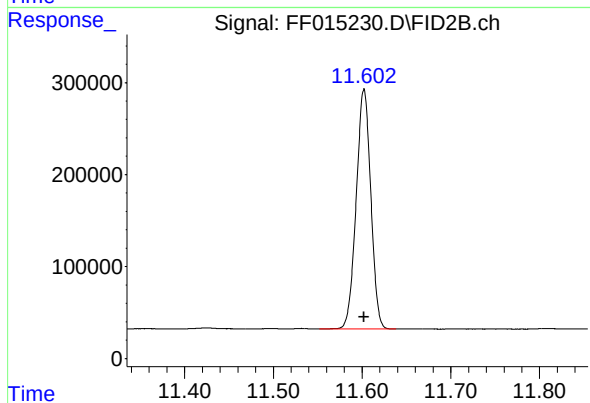
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: 0.000 min
Response: 2726969
Conc: 20.00 ug/ml



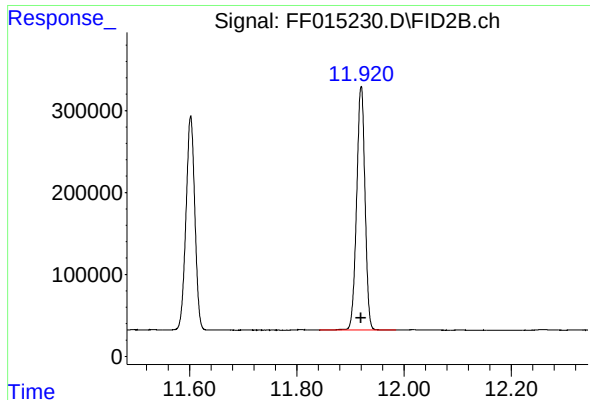
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: 0.000 min
Response: 2879736
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

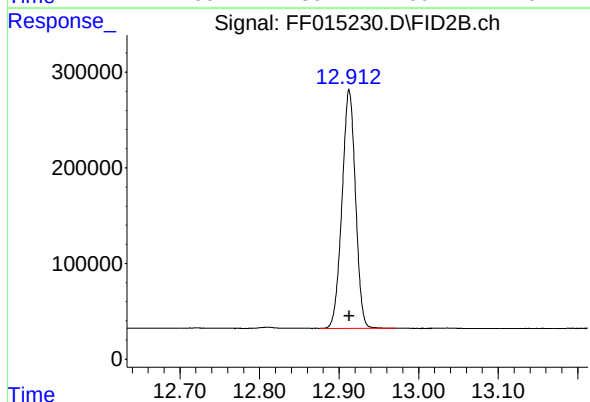
R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 2978815
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

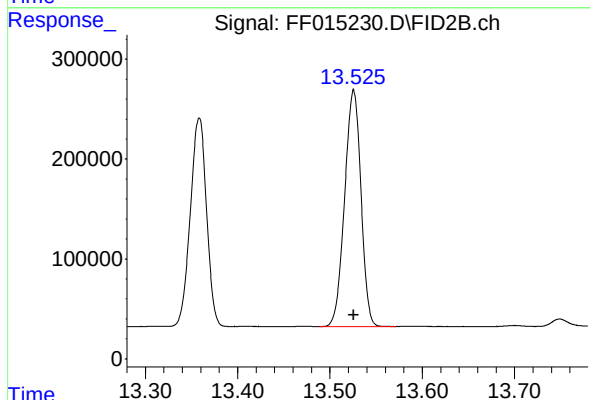
R.T.: 11.920 min
Delta R.T.: 0.000 min
Response: 3227403
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



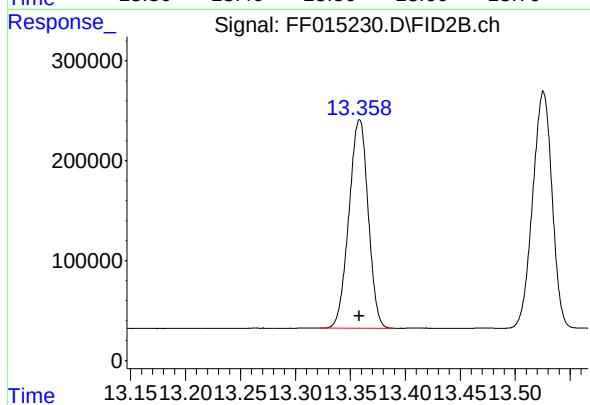
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.000 min
Response: 2940634
Conc: 20.00 ug/ml



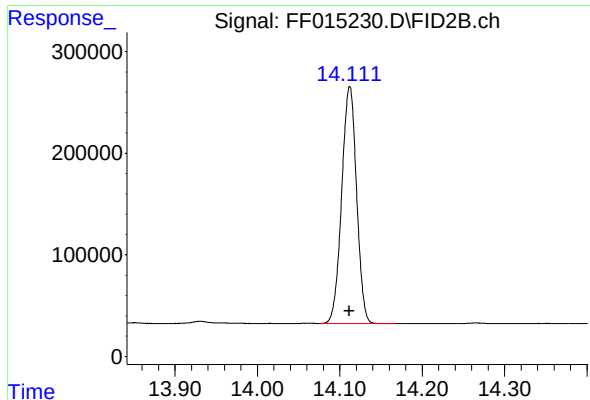
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.000 min
Response: 2912900
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

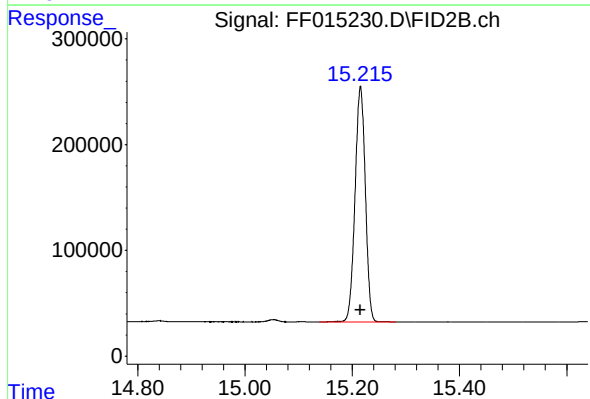
R.T.: 13.358 min
Delta R.T.: 0.000 min
Response: 2548697
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

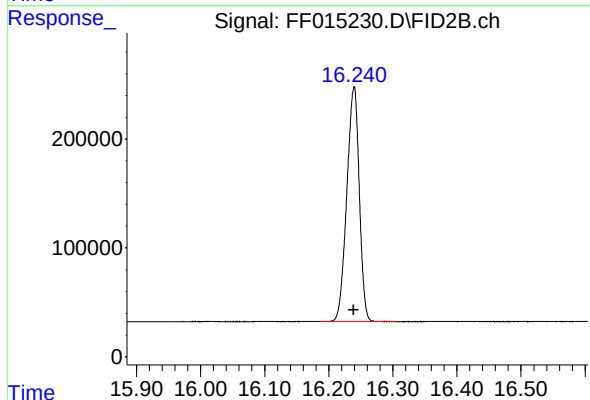
R.T.: 14.112 min
Delta R.T.: 0.000 min
Response: 2924017
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



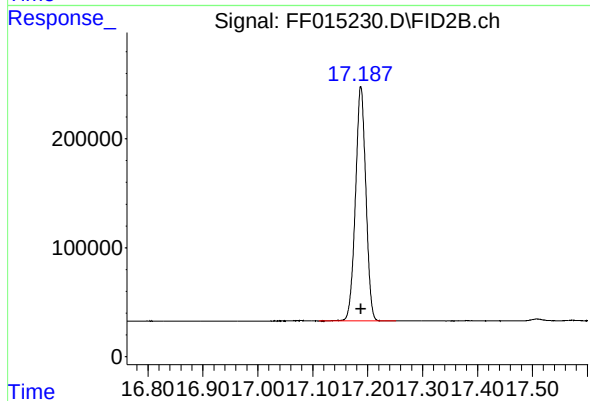
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: 0.000 min
Response: 2969264
Conc: 20.00 ug/ml



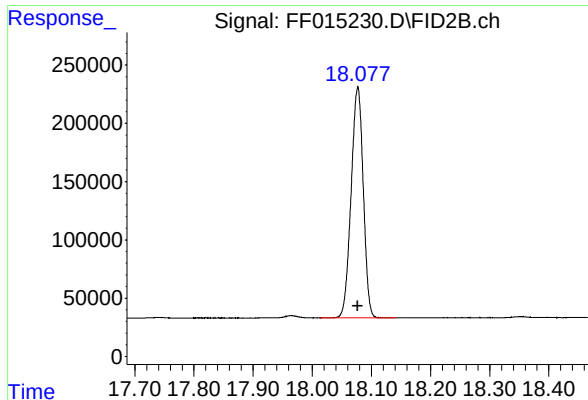
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: 0.000 min
Response: 2900118
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

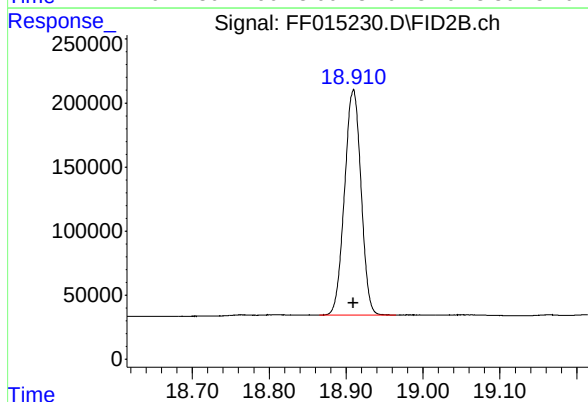
R.T.: 17.188 min
Delta R.T.: 0.000 min
Response: 2833858
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

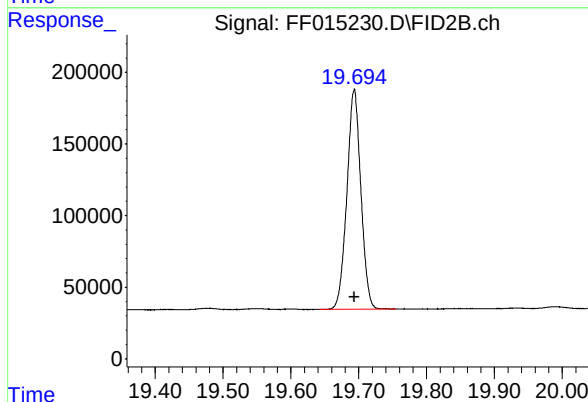
R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2825626
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



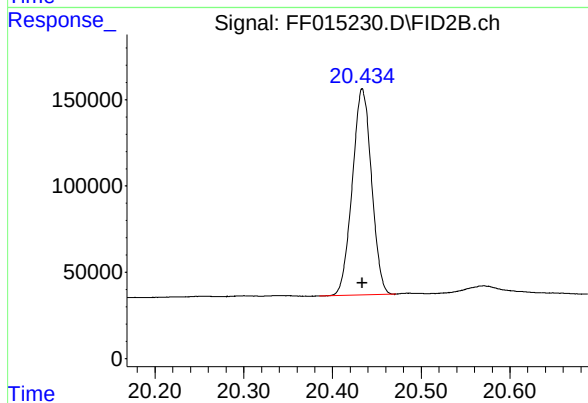
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.000 min
Response: 2622183
Conc: 20.00 ug/ml



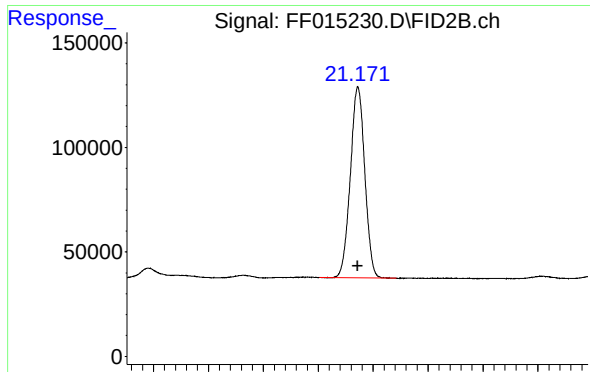
#19 n-Tetatriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.000 min
Response: 2195313
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

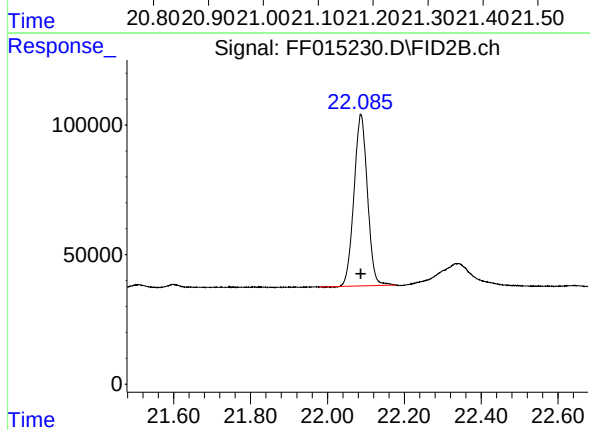
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 1797979
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.000 min
Response: 1671820
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.087 min
Delta R.T.: 0.000 min
Response: 1607763
Conc: 20.00 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015230.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 14:01
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH
 011425.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.302	3.262	3.352	BB	268399	2645794	81.98%	4.528%
2	4.556	4.522	4.615	BB	270031	2696276	83.54%	4.614%
3	6.259	6.222	6.322	BB	305594	2946721	91.30%	5.043%
4	6.723	6.685	6.785	BB	263216	2717761	84.21%	4.651%
5	7.354	7.308	7.435	BB	289873	2864501	88.76%	4.902%
6	8.551	8.512	8.618	BB	257067	2726969	84.49%	4.667%
7	10.158	10.122	10.225	BB	258355	2879736	89.23%	4.928%
8	11.602	11.552	11.638	BB	260933	2978815	92.30%	5.098%
9	11.920	11.842	11.985	BB	300170	3227403	100.00%	5.523%
10	12.913	12.875	12.972	BB	248671	2940634	91.11%	5.032%
11	13.358	13.322	13.392	BB	208967	2548697	78.97%	4.362%
12	13.526	13.488	13.572	BB	236608	2912900	90.26%	4.985%
13	14.112	14.075	14.168	BB	233536	2924017	90.60%	5.004%
14	15.215	15.138	15.282	BB	222216	2969264	92.00%	5.081%
15	16.239	16.185	16.305	BB	214637	2900118	89.86%	4.963%
16	17.188	17.112	17.252	BB	215418	2833858	87.81%	4.850%
17	18.077	18.012	18.142	BB	198780	2825626	87.55%	4.836%
18	18.909	18.865	18.965	BB	175164	2622183	81.25%	4.487%
19	19.693	19.642	19.755	BB	153394	2195313	68.02%	3.757%
20	20.434	20.385	20.472	BV	118530	1797979	55.71%	3.077%
21	21.172	21.102	21.242	BB	91424	1671820	51.80%	2.861%
22	22.087	21.978	22.178	BB	66057	1607763	49.82%	2.751%
Sum of corrected areas:						58434149		

Aliphatic EPH 011425.M Tue Jan 14 18:15:16 2025

Page 1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015231.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 14:29
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 14 14:45:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 14:38:51 2025
 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)	11.921	1715465	10.884 ug/ml
Spiked Amount 50.000		Recovery =	21.77%
12) S 1-chlorooctadecane (S...	13.358	1340917	10.834 ug/ml
Spiked Amount 50.000		Recovery =	21.67%
Target Compounds			
1) T n-Nonane (C9)	3.313	1419051	10.904 ug/ml
2) T n-Decane (C10)	4.566	1445970	10.905 ug/ml
3) T A~Naphthalene (C11.7)	6.267	1565148	10.834 ug/ml
4) T n-Dodecane (C12)	6.729	1454028	10.871 ug/ml
5) T A~2-methylnaphthalene...	7.361	1507370	10.747 ug/ml
6) T n-Tetradecane (C14)	8.555	1456275	10.862 ug/ml
7) T n-Hexadecane (C16)	10.161	1526186	10.841 ug/ml
8) T n-Octadecane (C18)	11.604	1579981	10.881 ug/ml
10) T n-Eicosane (C20)	12.914	1556715	10.903 ug/ml
11) T n-Heneicosane (C21)	13.526	1541314	10.898 ug/ml
13) T n-Docosane (C22)	14.112	1547397	10.895 ug/ml
14) T n-Tetracosane (C24)	15.216	1563755	10.900 ug/ml
15) T n-Hexacosane (C26)	16.237	1537116	10.931 ug/ml
16) T n-Octacosane (C28)	17.188	1500151	10.961 ug/ml
17) T n-Tricontane (C30)	18.075	1500605	11.055 ug/ml
18) T n-Dotriacontane (C32)	18.910	1408194	11.124 ug/ml
19) T n-Tetratriacontane (C34)	19.695	1168997	11.041 ug/ml
20) T n-Hexatriacontane (C36)	20.434	933456	10.792 ug/ml
21) T n-Octatriacontane (C38)	21.171	885440	10.878 ug/ml
22) T n-Tetracontane (C40)	22.086	879594	10.978 ug/ml

(f)=RT Delta > 1/2 Window

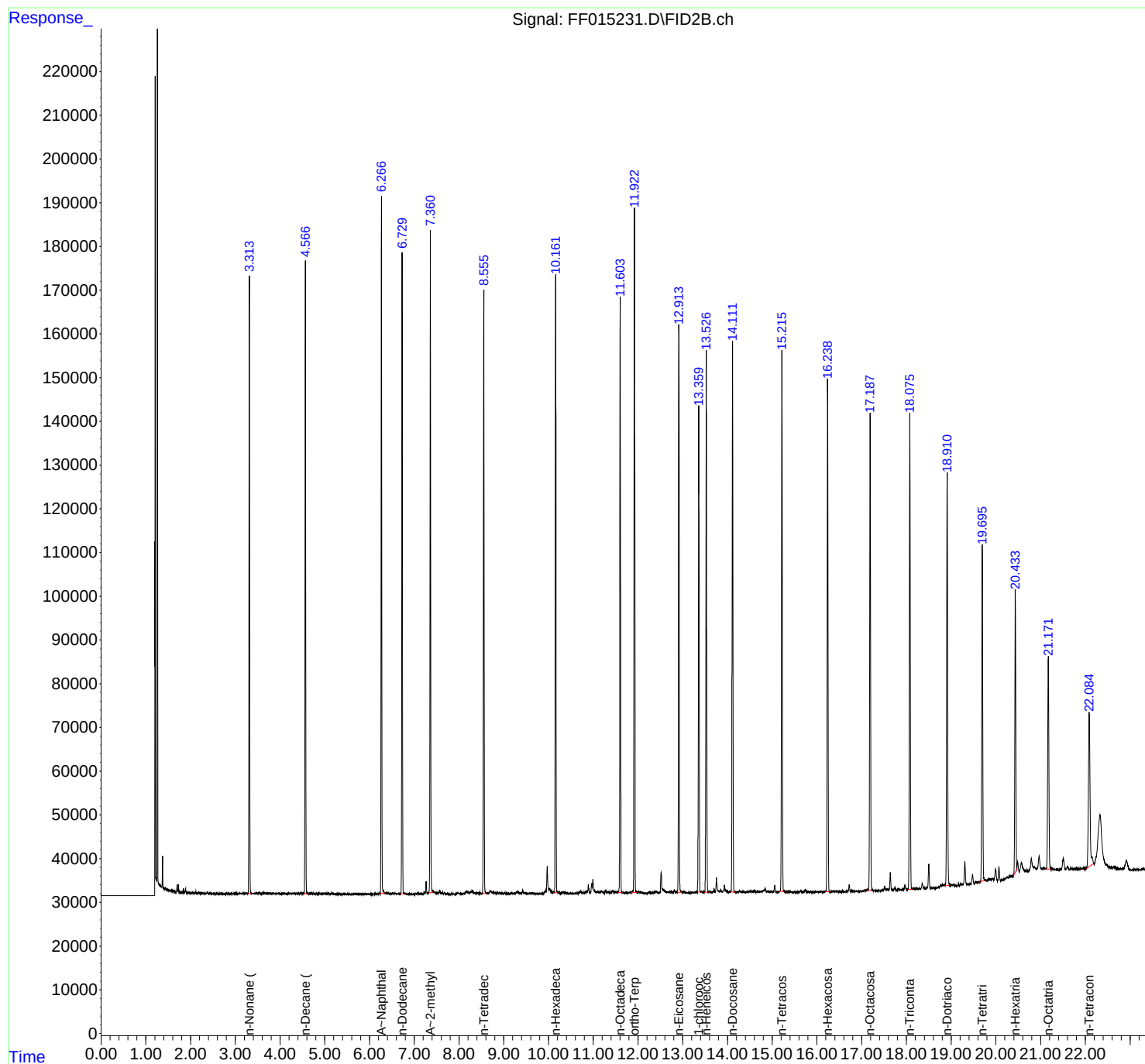
(m)=manual int.

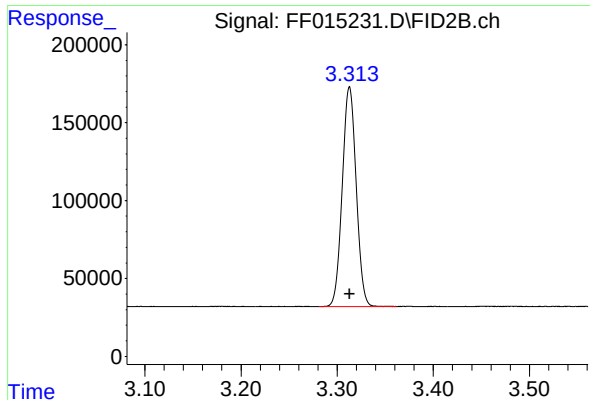
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
Data File : FF015231.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 14:29
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jan 14 14:45:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 14:38:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

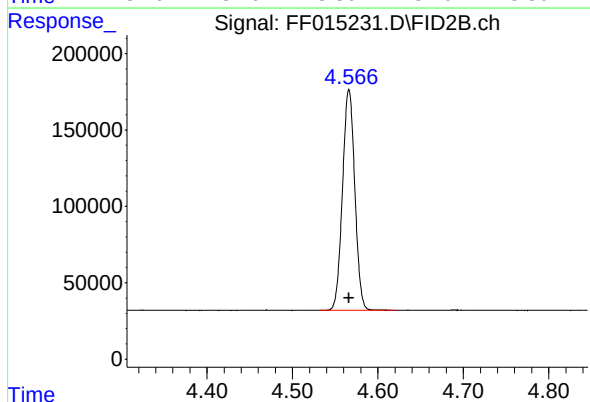




#1 n-Nonane (C9)

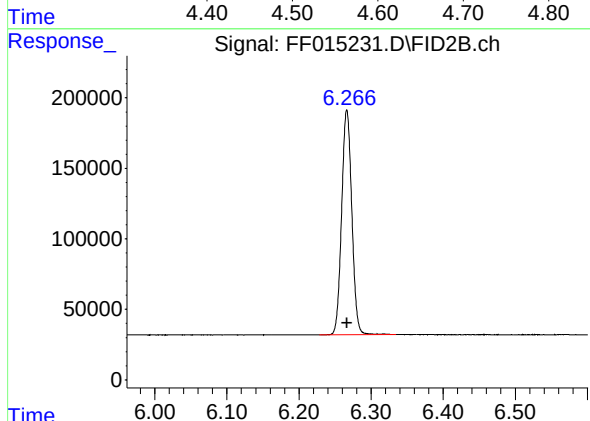
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 1419051
Conc: 10.90 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



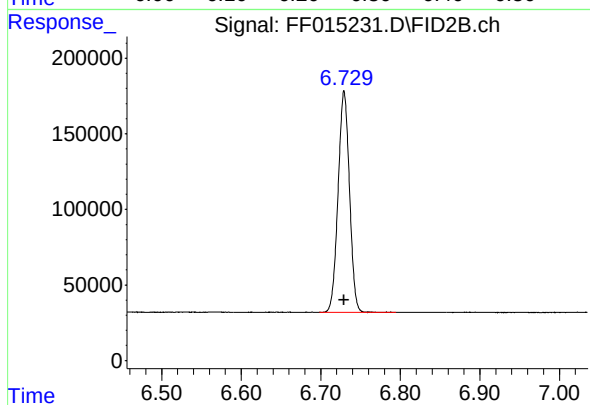
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 1445970
Conc: 10.90 ug/ml



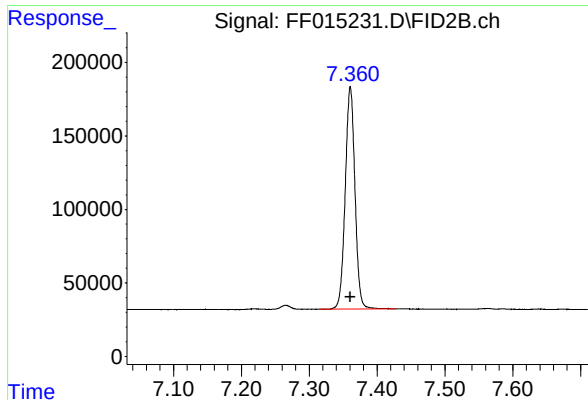
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 1565148
Conc: 10.83 ug/ml



#4 n-Dodecane (C12)

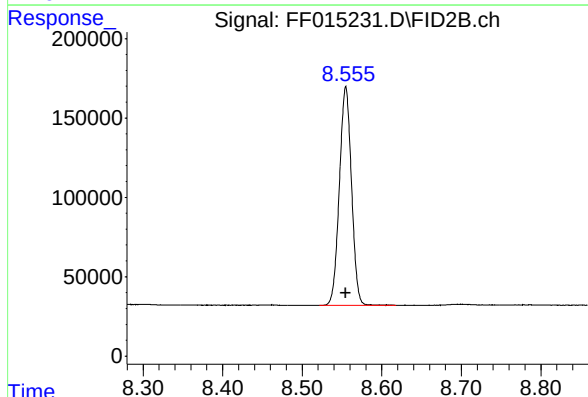
R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 1454028
Conc: 10.87 ug/ml



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

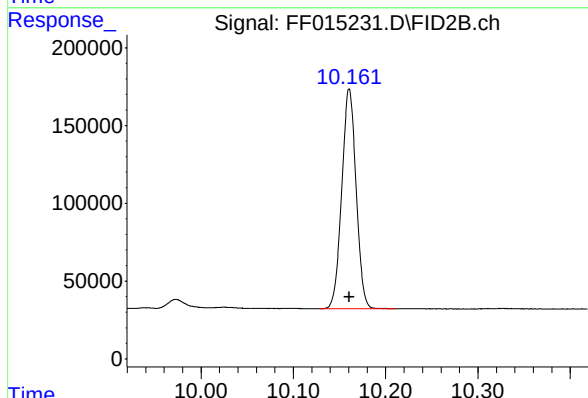
R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 1507370
Conc: 10.75 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



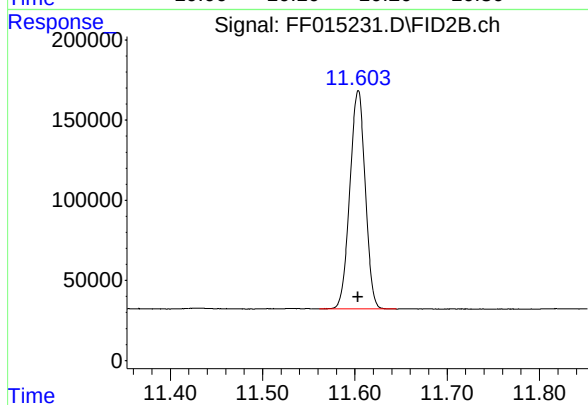
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 1456275
Conc: 10.86 ug/ml



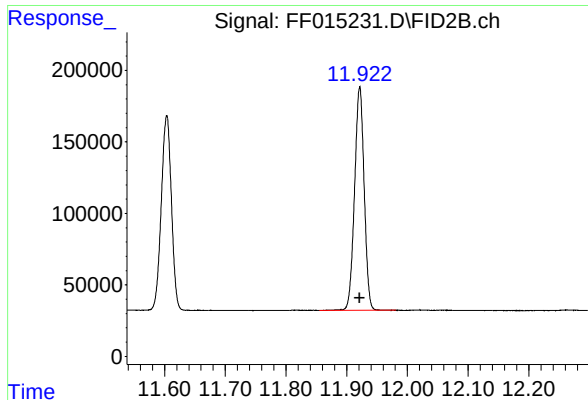
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: 0.000 min
Response: 1526186
Conc: 10.84 ug/ml



#8 n-Octadecane (C18)

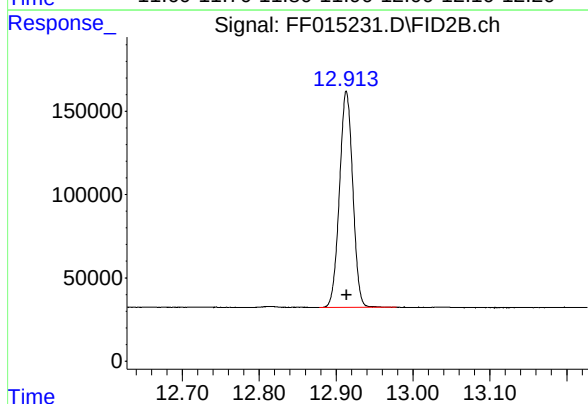
R.T.: 11.604 min
Delta R.T.: 0.000 min
Response: 1579981
Conc: 10.88 ug/ml



#9 ortho-Terphenyl (SURR)

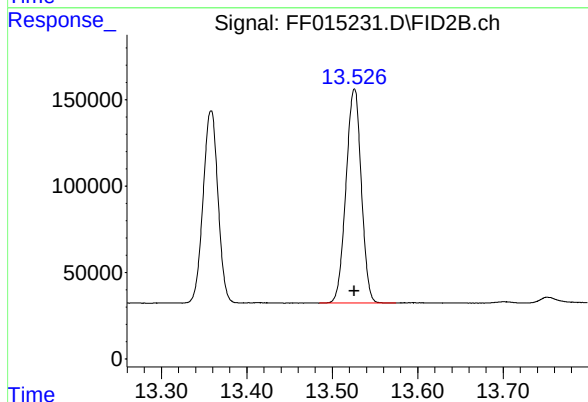
R.T.: 11.921 min
Delta R.T.: 0.000 min
Response: 1715465
Conc: 10.88 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



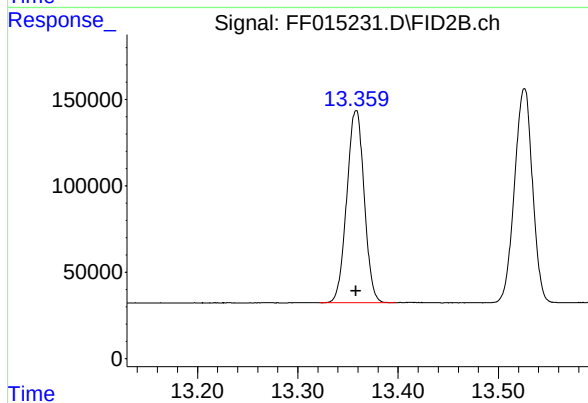
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.000 min
Response: 1556715
Conc: 10.90 ug/ml



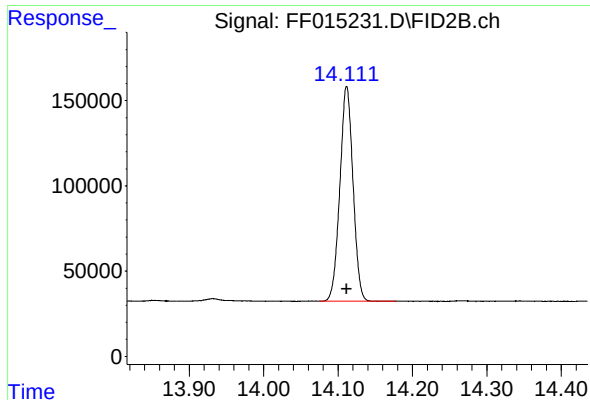
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.000 min
Response: 1541314
Conc: 10.90 ug/ml



#12 1-chlorooctadecane (SURR)

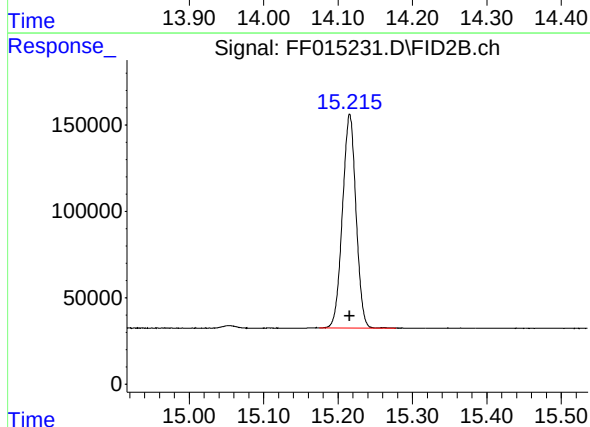
R.T.: 13.358 min
Delta R.T.: 0.000 min
Response: 1340917
Conc: 10.83 ug/ml



#13 n-Docosane (C22)

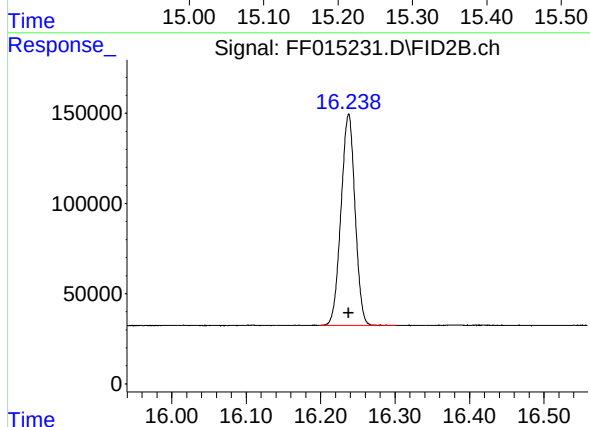
R.T.: 14.112 min
Delta R.T.: 0.000 min
Response: 1547397
Conc: 10.89 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



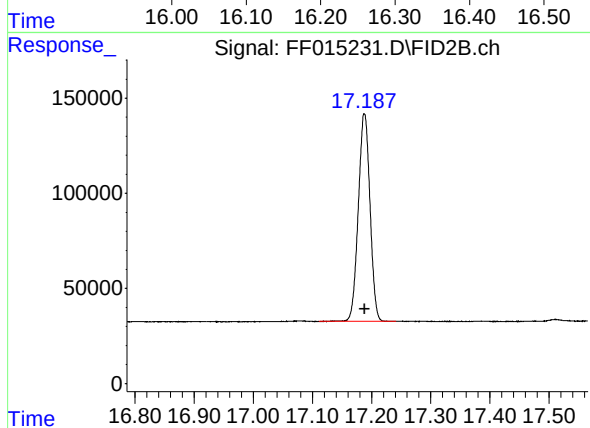
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 1563755
Conc: 10.90 ug/ml



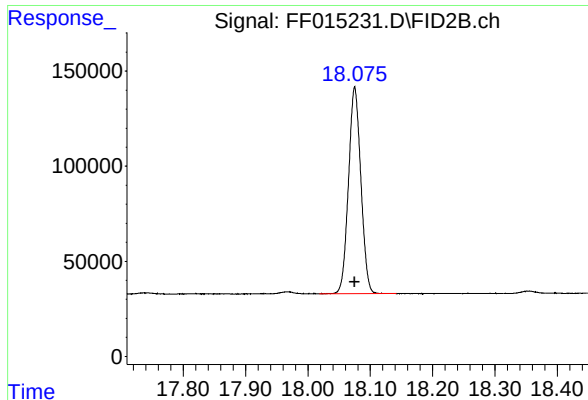
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: 0.000 min
Response: 1537116
Conc: 10.93 ug/ml



#16 n-Octacosane (C28)

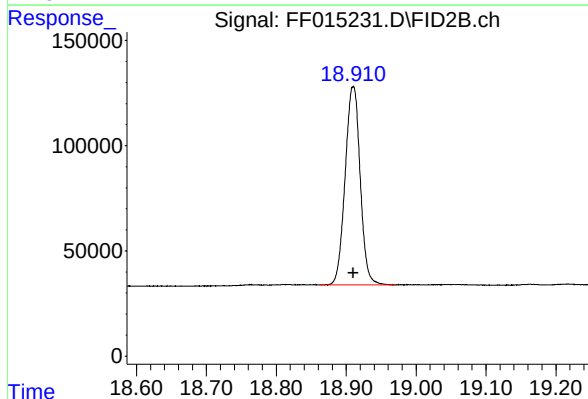
R.T.: 17.188 min
Delta R.T.: 0.000 min
Response: 1500151
Conc: 10.96 ug/ml



#17 n-Tricontane (C30)

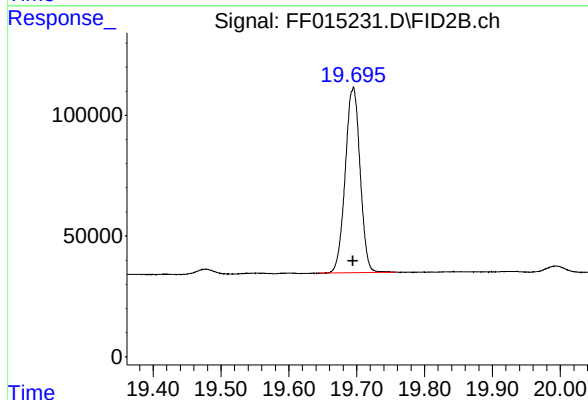
R.T.: 18.075 min
Delta R.T.: 0.000 min
Response: 1500605
Conc: 11.05 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



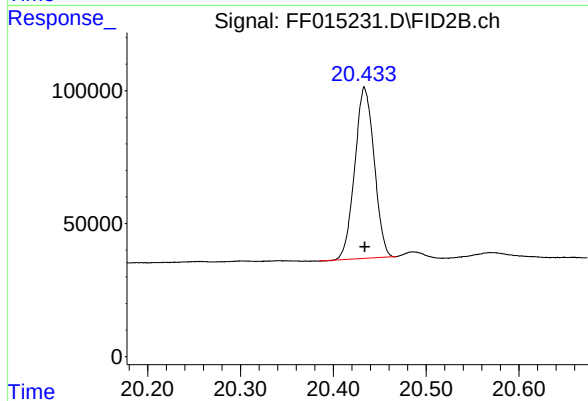
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 1408194
Conc: 11.12 ug/ml



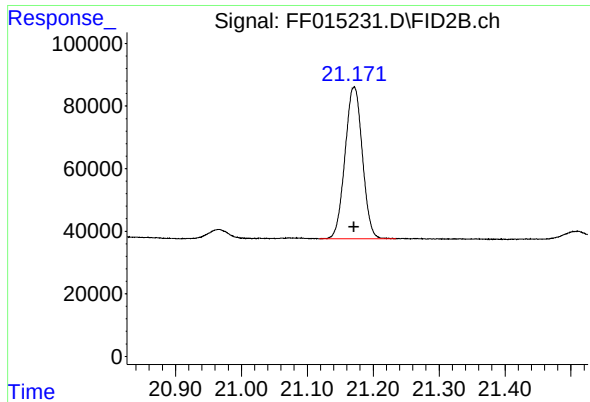
#19 n-Tetatriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.000 min
Response: 1168997
Conc: 11.04 ug/ml



#20 n-Hexatriacontane (C36)

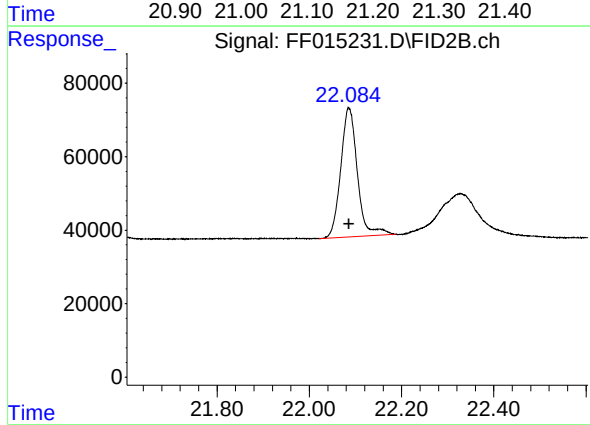
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 933456
Conc: 10.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: 0.000 min
Response: 885440
Conc: 10.88 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: 0.000 min
Response: 879594
Conc: 10.98 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
Data File : FF015231.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 14:29
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH
011425.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.313	3.281	3.361	BB	140476	1419051	82.72%	4.573%
2	4.566	4.531	4.621	BB	144109	1445970	84.29%	4.659%
3	6.267	6.228	6.335	BB	158471	1565148	91.24%	5.043%
4	6.729	6.698	6.795	BB	144774	1454028	84.76%	4.685%
5	7.361	7.315	7.428	BB	151131	1507370	87.87%	4.857%
6	8.555	8.521	8.618	BB	137501	1456275	84.89%	4.693%
7	10.161	10.128	10.211	BB	141171	1526186	88.97%	4.918%
8	11.604	11.561	11.645	BB	137235	1579981	92.10%	5.091%
9	11.921	11.855	11.981	BB	156281	1715465	100.00%	5.528%
10	12.914	12.878	12.978	BB	129099	1556715	90.75%	5.016%
11	13.358	13.321	13.398	BB	111483	1340917	78.17%	4.321%
12	13.526	13.485	13.575	BB	123769	1541314	89.85%	4.967%
13	14.112	14.075	14.178	BB	126219	1547397	90.20%	4.986%
14	15.216	15.175	15.278	BB	123128	1563755	91.16%	5.039%
15	16.237	16.198	16.301	BB	117412	1537116	89.60%	4.953%
16	17.188	17.111	17.241	BB	109473	1500151	87.45%	4.834%
17	18.075	18.018	18.141	BB	108539	1500605	87.48%	4.835%
18	18.910	18.861	18.971	BB	94663	1408194	82.09%	4.538%
19	19.695	19.645	19.758	BB	76366	1168997	68.14%	3.767%
20	20.434	20.385	20.467	BV	63693	933456	54.41%	3.008%
21	21.171	21.118	21.235	BB	48499	885440	51.62%	2.853%
22	22.086	22.021	22.188	BB	35233	879594	51.27%	2.834%
Sum of corrected areas:						31033125		

Aliphatic EPH 011425.M Tue Jan 14 18:15:48 2025

Page 1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015232.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 14:58
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 14 15:33:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:32:54 2025
 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)	11.922	822616	5.174 ug/ml
Spiked Amount 50.000		Recovery =	10.35%
12) S 1-chlorooctadecane (S...	13.359	641187	5.143 ug/ml
Spiked Amount 50.000		Recovery =	10.29%
Target Compounds			
1) T n-Nonane (C9)	3.314	679044	5.173 ug/ml
2) T n-Decane (C10)	4.567	692027	5.174 ug/ml
3) T A~Naphthalene (C11.7)	6.267	746581	5.133 ug/ml
4) T n-Dodecane (C12)	6.730	696131	5.162 ug/ml
5) T A~2-methylnaphthalene...	7.361	712729	5.065 ug/ml
6) T n-Tetradecane (C14)	8.555	696375	5.154 ug/ml
7) T n-Hexadecane (C16)	10.161	726857	5.130 ug/ml
8) T n-Octadecane (C18)	11.604	757015	5.169 ug/ml
10) T n-Eicosane (C20)	12.914	748861	5.194 ug/ml
11) T n-Heneicosane (C21)	13.526	740067	5.184 ug/ml
13) T n-Docosane (C22)	14.112	742815	5.182 ug/ml
14) T n-Tetracosane (C24)	15.216	757377	5.221 ug/ml
15) T n-Hexacosane (C26)	16.238	740421	5.210 ug/ml
16) T n-Octacosane (C28)	17.189	741442	5.328 ug/ml
17) T n-Tricontane (C30)	18.077	766987	5.507 ug/ml
18) T n-Dotriacontane (C32)	18.909	729037	5.589 ug/ml
19) T n-Tetratriacontane (C34)	19.694	600214	5.521 ug/ml
20) T n-Hexatriacontane (C36)	20.433	469008	5.332 ug/ml
21) T n-Octatriacontane (C38)	21.170	432331	5.246 ug/ml
22) T n-Tetracontane (C40)	22.086	381090	4.803 ug/ml

(f)=RT Delta > 1/2 Window

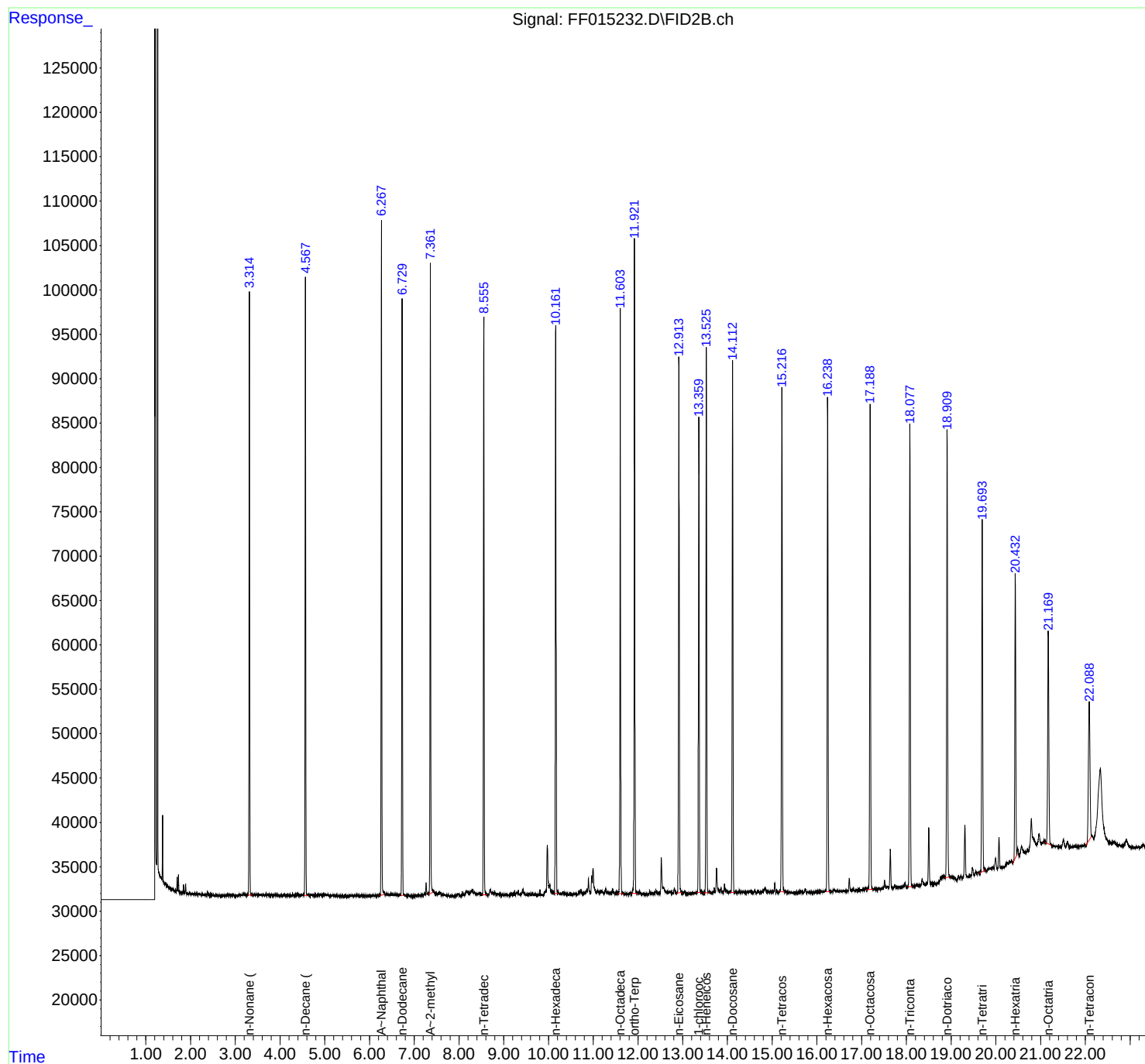
(m)=manual int.

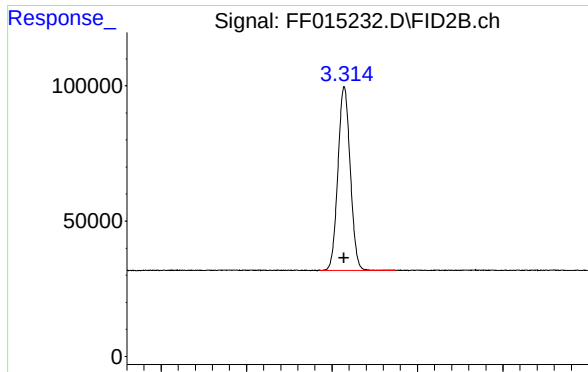
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
Data File : FF015232.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 14:58
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jan 14 15:33:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:32:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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

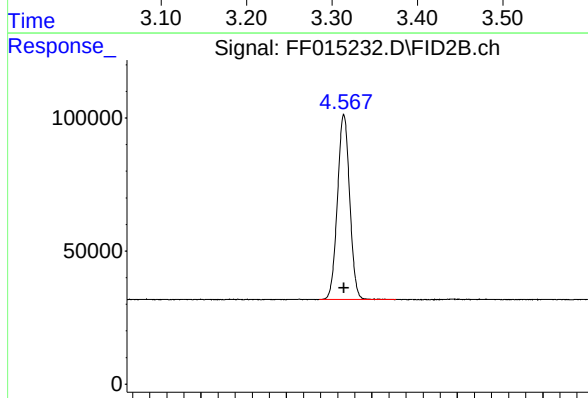




#1 n-Nonane (C9)

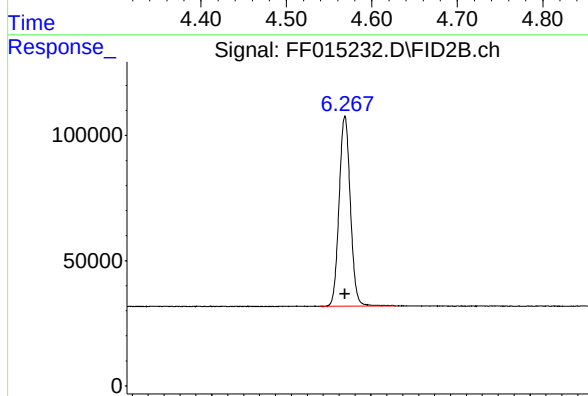
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 679044
Conc: 5.17 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



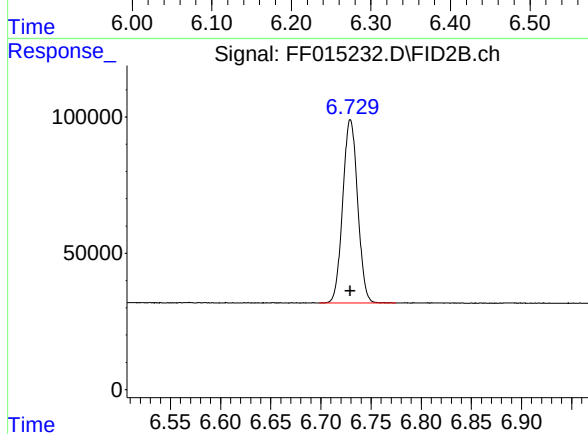
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 692027
Conc: 5.17 ug/ml



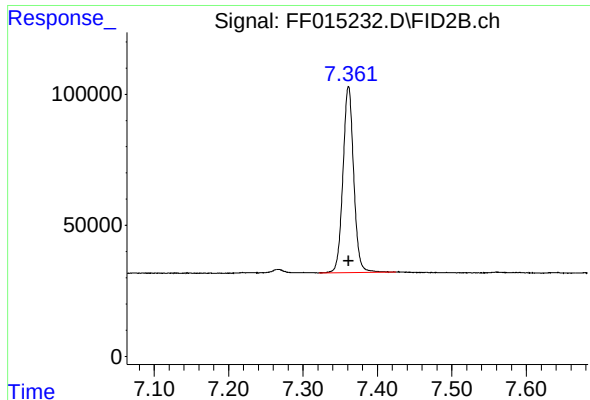
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 746581
Conc: 5.13 ug/ml



#4 n-Dodecane (C12)

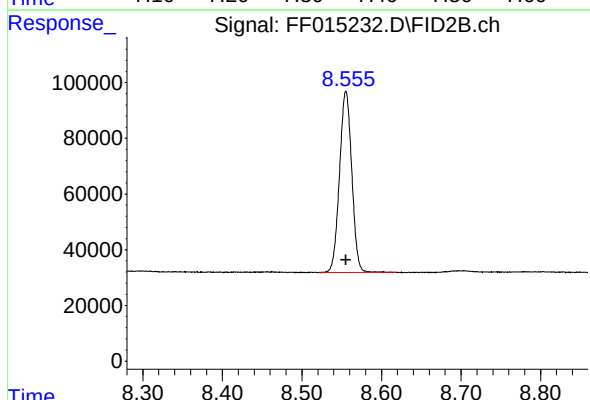
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 696131
Conc: 5.16 ug/ml



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

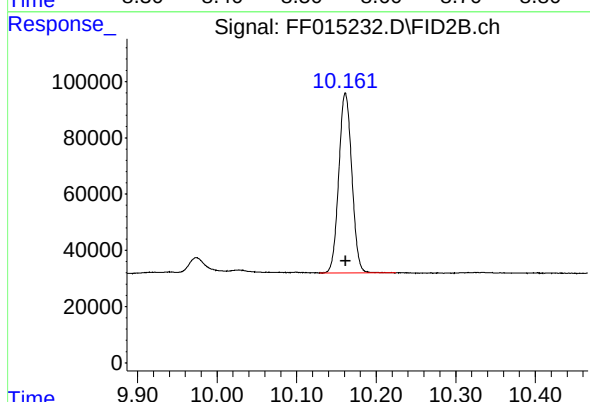
R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 712729
Conc: 5.07 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



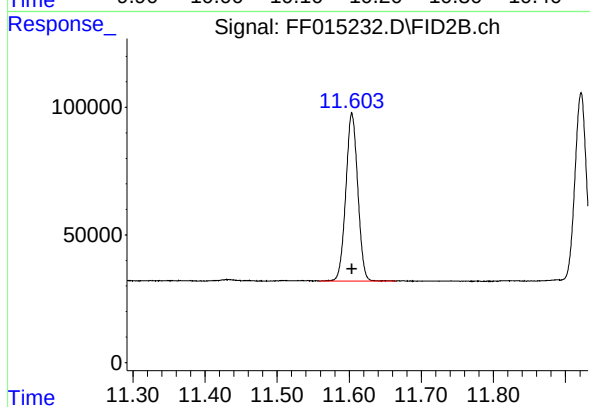
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 696375
Conc: 5.15 ug/ml



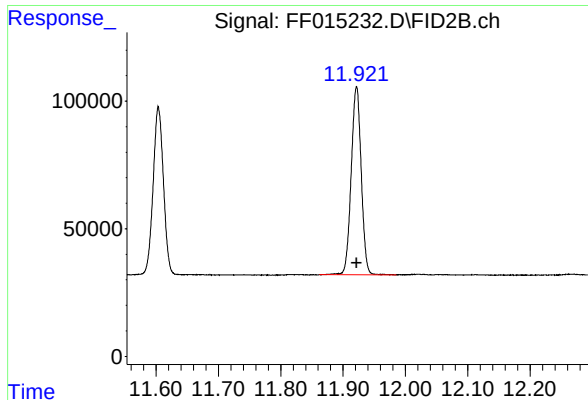
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: 0.000 min
Response: 726857
Conc: 5.13 ug/ml



#8 n-Octadecane (C18)

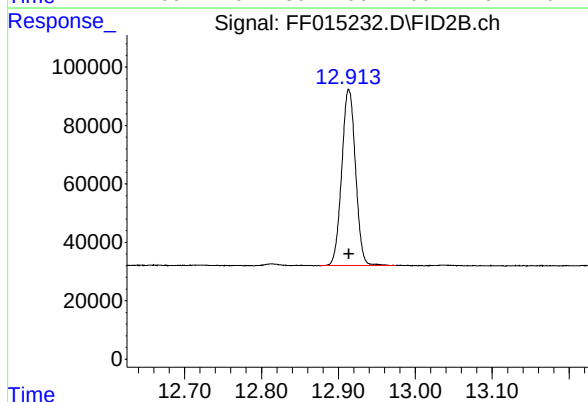
R.T.: 11.604 min
Delta R.T.: 0.000 min
Response: 757015
Conc: 5.17 ug/ml



#9 ortho-Terphenyl (SURR)

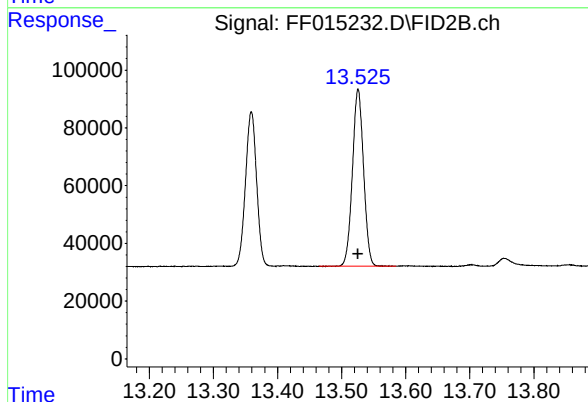
R.T.: 11.922 min
Delta R.T.: 0.000 min
Response: 822616
Conc: 5.17 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



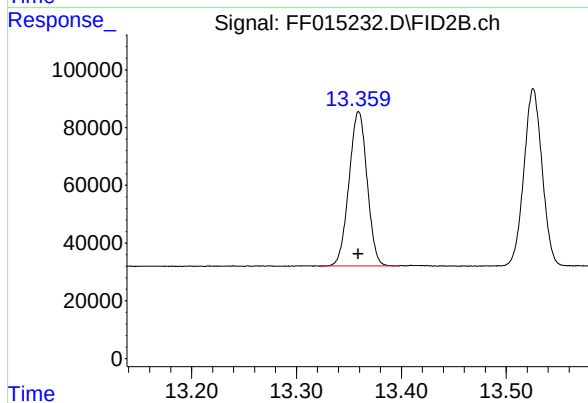
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.000 min
Response: 748861
Conc: 5.19 ug/ml



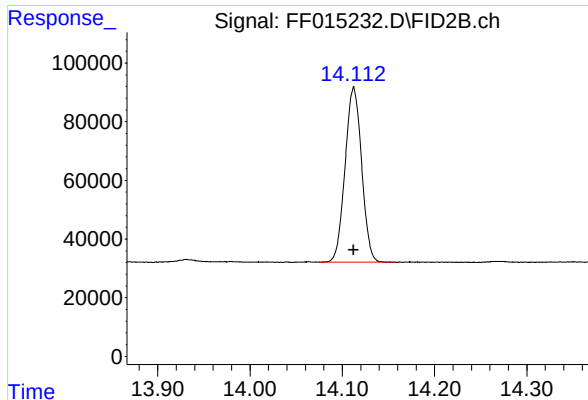
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.000 min
Response: 740067
Conc: 5.18 ug/ml



#12 1-chlorooctadecane (SURR)

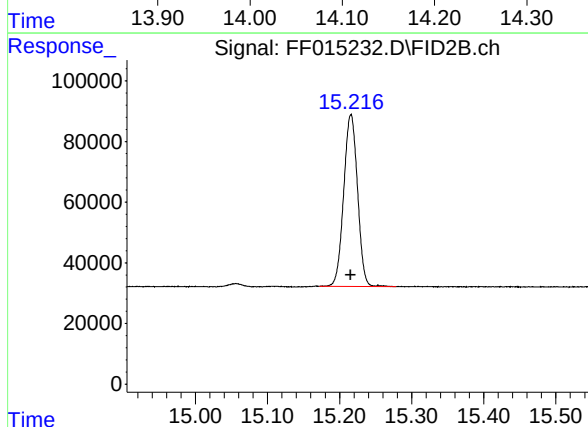
R.T.: 13.359 min
Delta R.T.: 0.000 min
Response: 641187
Conc: 5.14 ug/ml



#13 n-Docosane (C22)

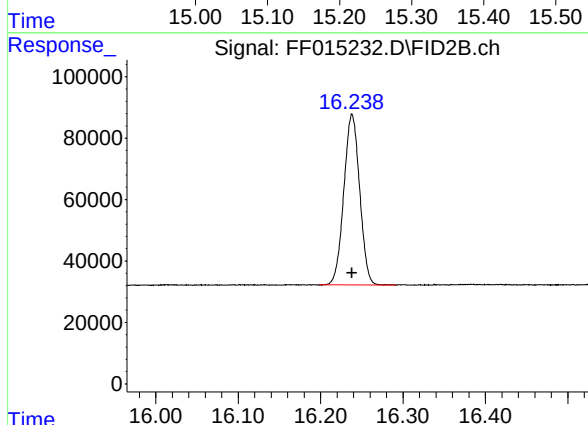
R.T.: 14.112 min
Delta R.T.: 0.000 min
Response: 742815
Conc: 5.18 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



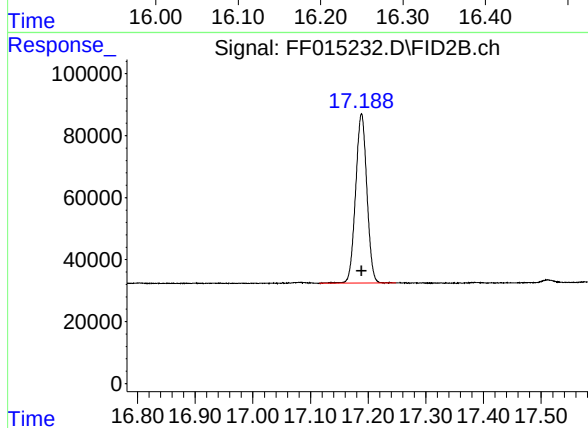
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 757377
Conc: 5.22 ug/ml



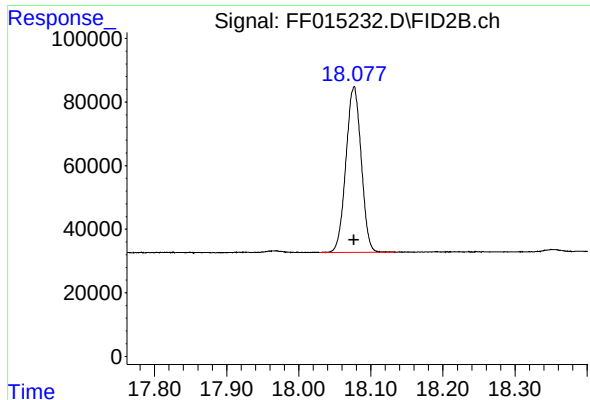
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.000 min
Response: 740421
Conc: 5.21 ug/ml



#16 n-Octacosane (C28)

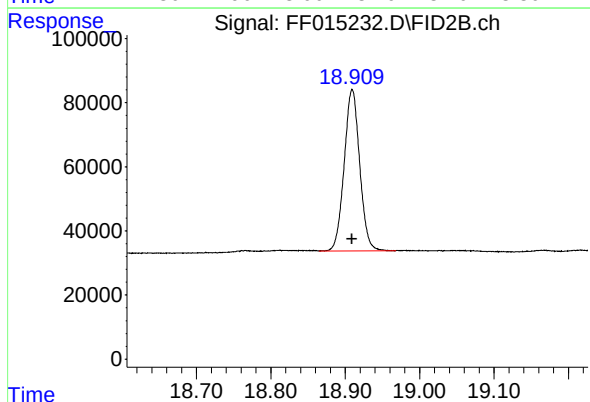
R.T.: 17.189 min
Delta R.T.: 0.000 min
Response: 741442
Conc: 5.33 ug/ml



#17 n-Tricontane (C30)

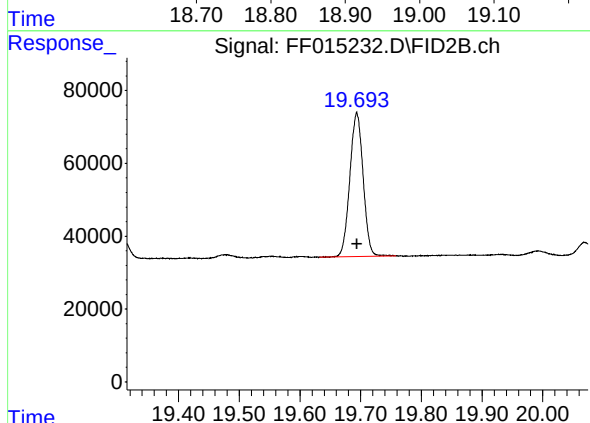
R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 766987
Conc: 5.51 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



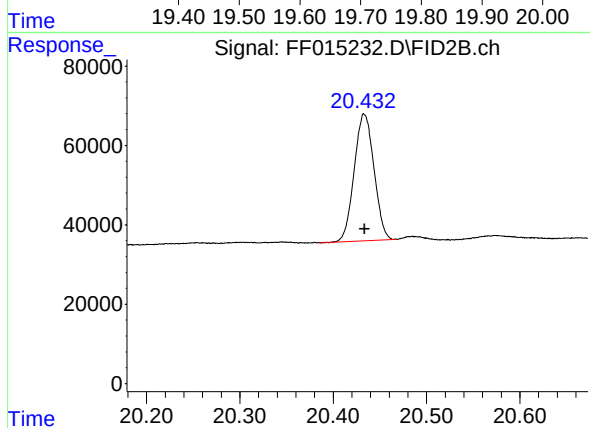
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.000 min
Response: 729037
Conc: 5.59 ug/ml



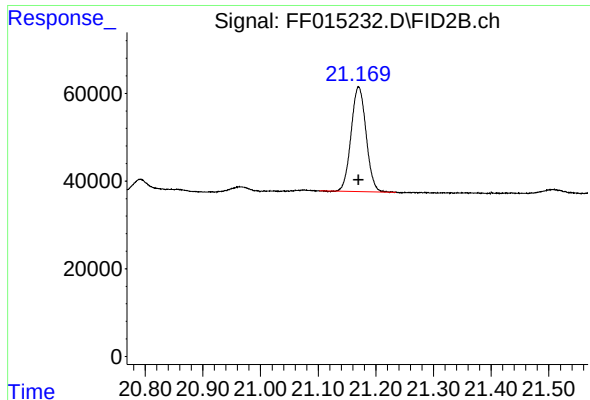
#19 n-Tetatriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.000 min
Response: 600214
Conc: 5.52 ug/ml



#20 n-Hexatriacontane (C36)

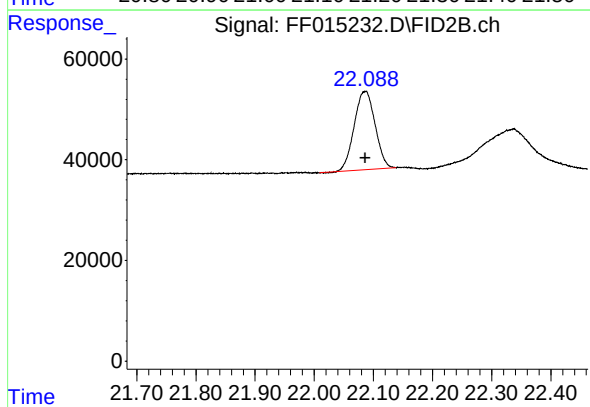
R.T.: 20.433 min
Delta R.T.: 0.000 min
Response: 469008
Conc: 5.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: 0.000 min
Response: 432331
Conc: 5.25 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: 0.000 min
Response: 381090
Conc: 4.80 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
Data File : FF015232.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 14:58
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH
011425.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.314	3.285	3.375	BB	67797	679044	82.55%	4.521%
2	4.567	4.538	4.628	BB	69438	692027	84.13%	4.607%
3	6.267	6.235	6.332	BB	75931	746581	90.76%	4.971%
4	6.730	6.698	6.775	BB	67357	696131	84.62%	4.635%
5	7.361	7.322	7.425	BB	71172	712729	86.64%	4.745%
6	8.555	8.522	8.618	BB	65060	696375	84.65%	4.636%
7	10.161	10.128	10.225	BB	63827	726857	88.36%	4.839%
8	11.604	11.558	11.665	BB	65230	757015	92.03%	5.040%
9	11.922	11.862	11.985	BB	73720	822616	100.00%	5.477%
10	12.914	12.875	12.975	BB	60249	748861	91.03%	4.986%
11	13.359	13.322	13.395	BB	53471	641187	77.94%	4.269%
12	13.526	13.465	13.585	BB	61136	740067	89.97%	4.927%
13	14.112	14.075	14.158	BB	59373	742815	90.30%	4.945%
14	15.216	15.172	15.278	BB	56691	757377	92.07%	5.042%
15	16.238	16.198	16.292	BB	55521	740421	90.01%	4.929%
16	17.189	17.115	17.248	BB	54670	741442	90.13%	4.936%
17	18.077	18.028	18.135	BB	51788	766987	93.24%	5.106%
18	18.909	18.865	18.968	BB	50240	729037	88.62%	4.854%
19	19.694	19.632	19.758	BB	39399	600214	72.96%	3.996%
20	20.433	20.385	20.467	BV	31715	469008	57.01%	3.123%
21	21.170	21.102	21.235	BB	23877	432331	52.56%	2.878%
22	22.086	22.008	22.138	BB	15553	381090	46.33%	2.537%
Sum of corrected areas:						15020215		

Aliphatic EPH 011425.M Tue Jan 14 18:16:08 2025

Page 1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015233.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 15:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jan 14 15:36:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 2025
 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)	11.924	2985481	18.778 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
12) S 1-chlorooctadecane (S...	13.360	2338280	18.756 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.315	2484205	18.924 ug/ml
2) T n-Decane (C10)	4.568	2531758	18.927 ug/ml
3) T A~Naphthalene (C11.7)	6.268	2744339	18.869 ug/ml
4) T n-Dodecane (C12)	6.731	2550039	18.911 ug/ml
5) T A~2-methylnaphthalene...	7.362	2657646	18.887 ug/ml
6) T n-Tetradecane (C14)	8.556	2542085	18.815 ug/ml
7) T n-Hexadecane (C16)	10.163	2661749	18.785 ug/ml
8) T n-Octadecane (C18)	11.605	2746456	18.754 ug/ml
10) T n-Eicosane (C20)	12.915	2700787	18.732 ug/ml
11) T n-Heneicosane (C21)	13.527	2678057	18.761 ug/ml
13) T n-Docosane (C22)	14.114	2688138	18.754 ug/ml
14) T n-Tetracosane (C24)	15.217	2716938	18.729 ug/ml
15) T n-Hexacosane (C26)	16.240	2669405	18.784 ug/ml
16) T n-Octacosane (C28)	17.189	2579852	18.540 ug/ml
17) T n-Tricontane (C30)	18.078	2520191	18.095 ug/ml
18) T n-Dotriacontane (C32)	18.910	2340348	17.943 ug/ml
19) T n-Tetratriacontane (C34)	19.695	1958623	18.017 ug/ml
20) T n-Hexatriacontane (C36)	20.435	1612090	18.329 ug/ml
21) T n-Octatriacontane (C38)	21.173	1528045	18.542 ug/ml
22) T n-Tetracontane (C40)	22.088	1504347	18.961 ug/ml

(f)=RT Delta > 1/2 Window

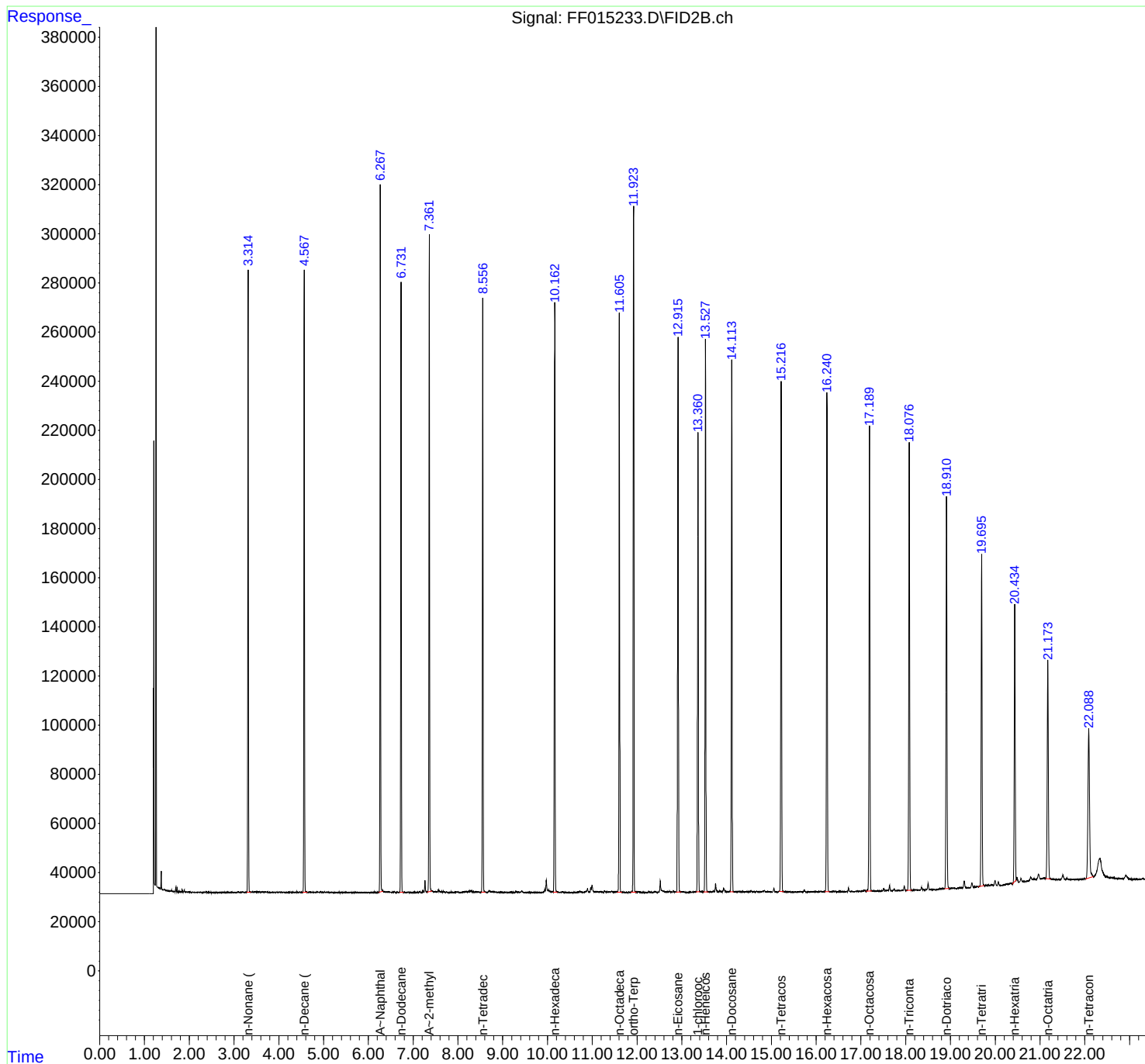
(m)=manual int.

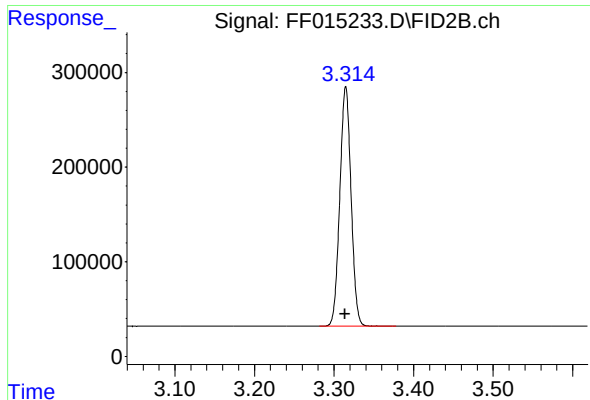
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
Data File : FF015233.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 15:26
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jan 14 15:36:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 2025
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)

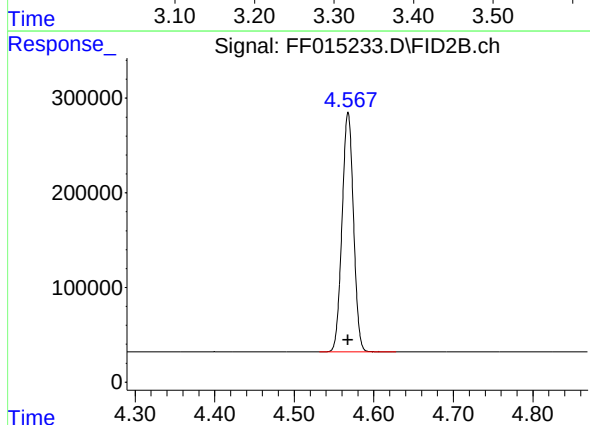
R.T.: 3.315 min
Delta R.T.: 0.000 min
Response: 2484205
Conc: 18.92 ug/ml

Instrument :

FID_F

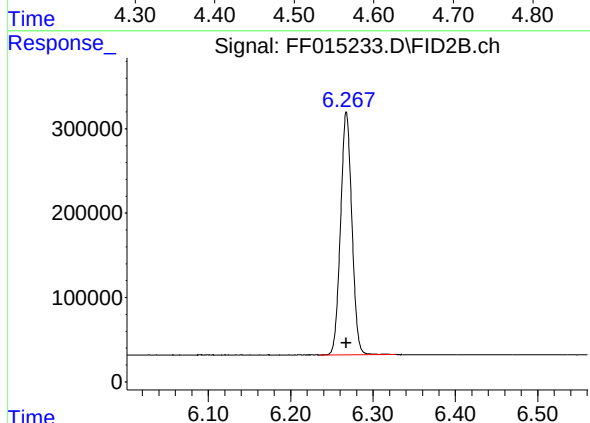
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



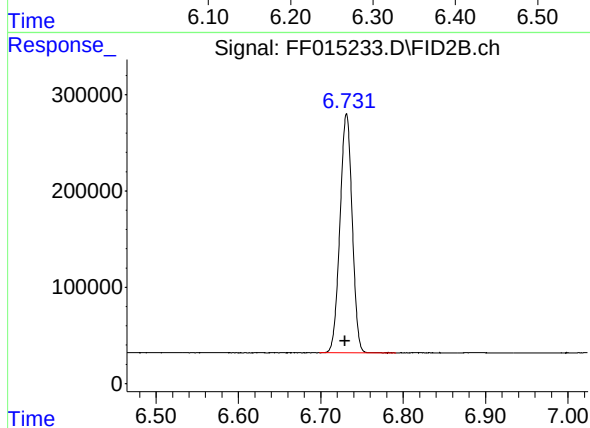
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 2531758
Conc: 18.93 ug/ml



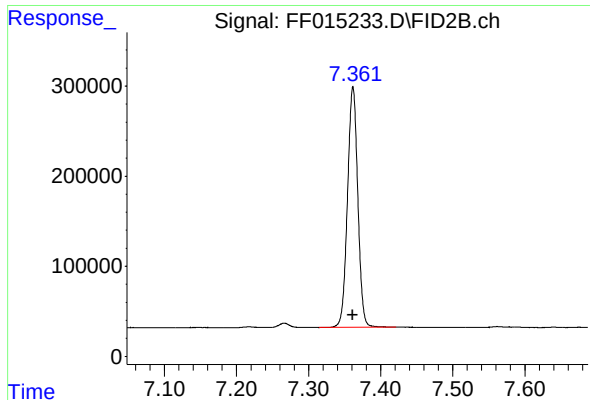
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 2744339
Conc: 18.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 2550039
Conc: 18.91 ug/ml



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

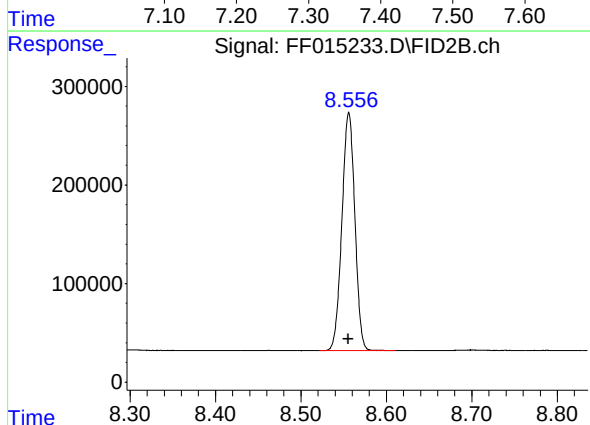
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 2657646
Conc: 18.89 ug/ml

Instrument :

FID_F

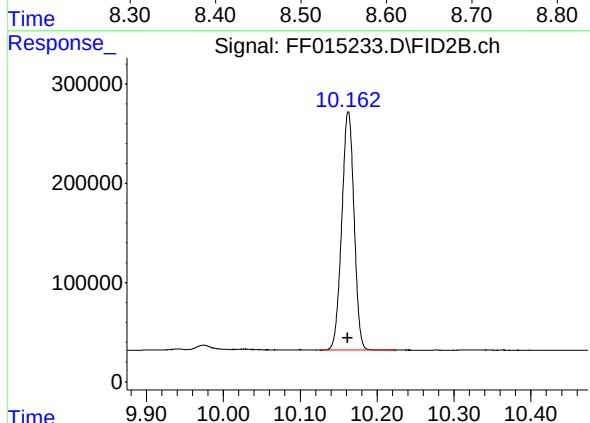
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



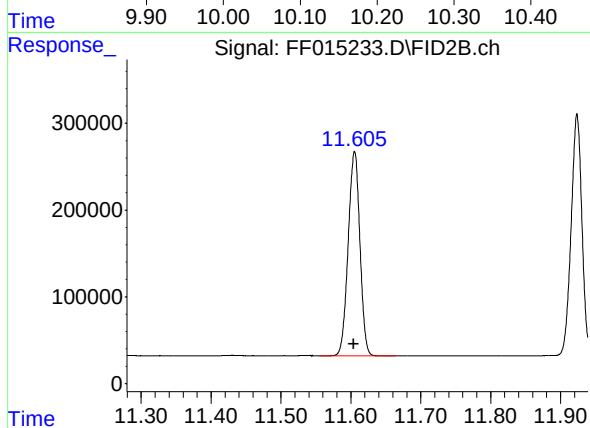
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: 0.000 min
Response: 2542085
Conc: 18.81 ug/ml



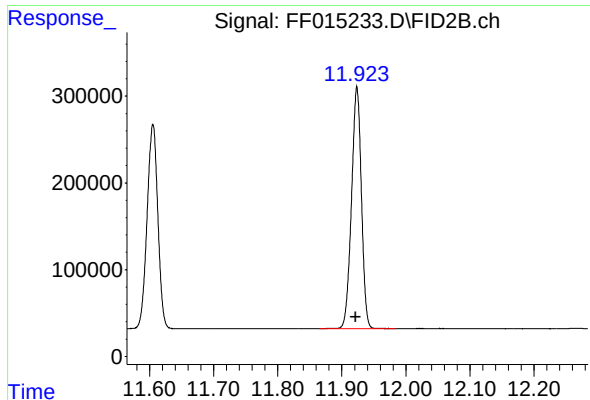
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: 0.001 min
Response: 2661749
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: 0.001 min
Response: 2746456
Conc: 18.75 ug/ml



#9 ortho-Terphenyl (SURR)

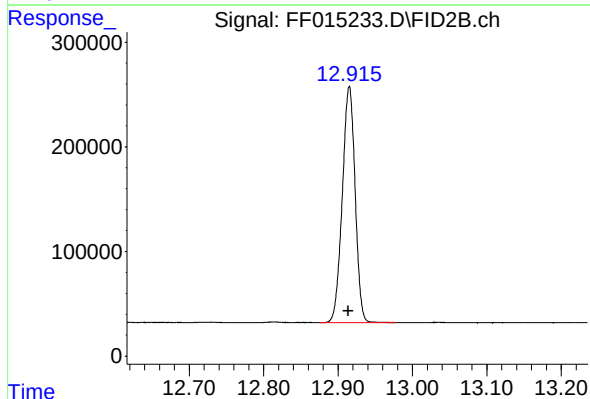
R.T.: 11.924 min
Delta R.T.: 0.002 min
Response: 2985481
Conc: 18.78 ug/ml

Instrument :

FID_F

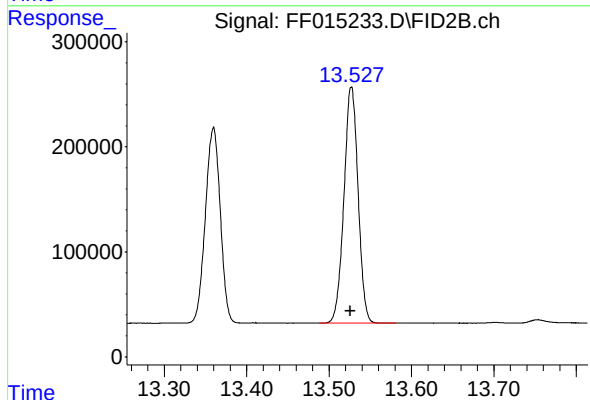
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



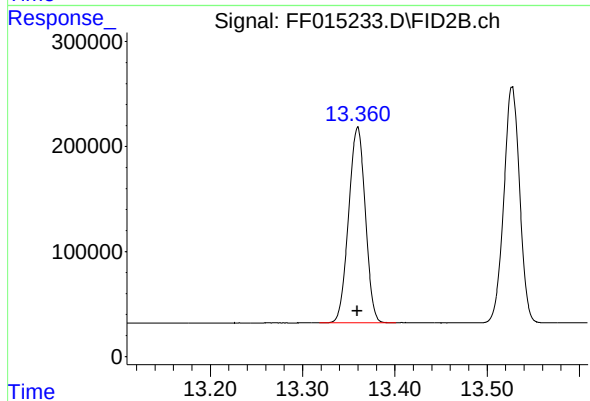
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: 0.001 min
Response: 2700787
Conc: 18.73 ug/ml



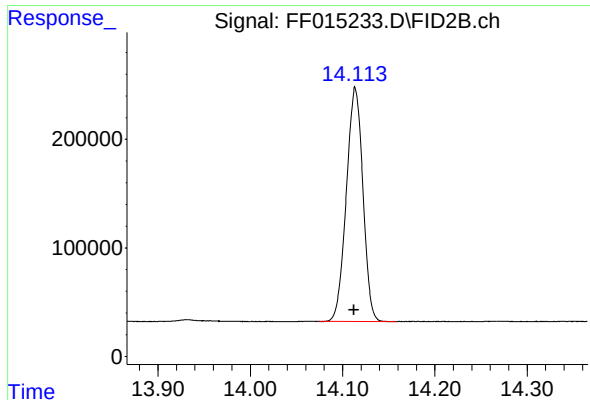
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.001 min
Response: 2678057
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: 0.000 min
Response: 2338280
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

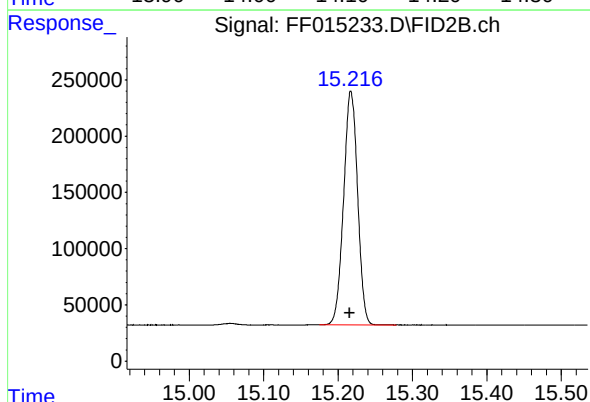
R.T.: 14.114 min
Delta R.T.: 0.001 min
Response: 2688138
Conc: 18.75 ug/ml

Instrument :

FID_F

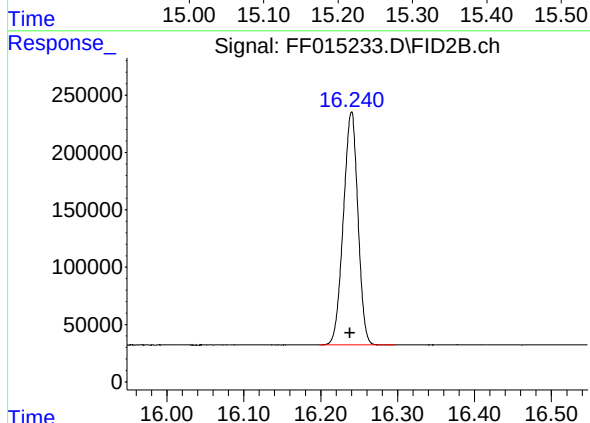
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



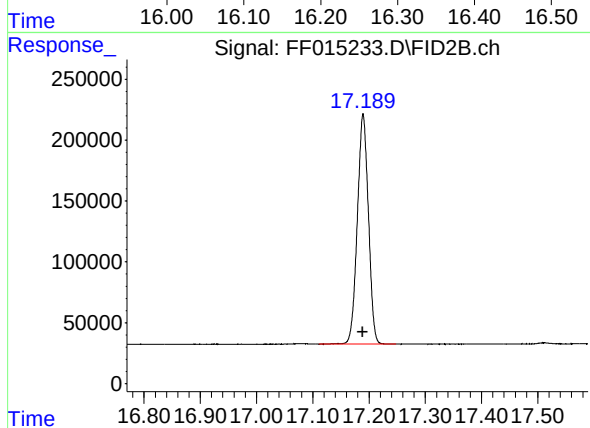
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.002 min
Response: 2716938
Conc: 18.73 ug/ml



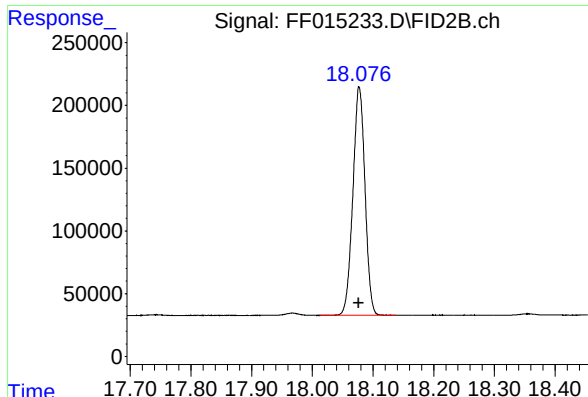
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.002 min
Response: 2669405
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: 0.000 min
Response: 2579852
Conc: 18.54 ug/ml



#17 n-Tricontane (C30)

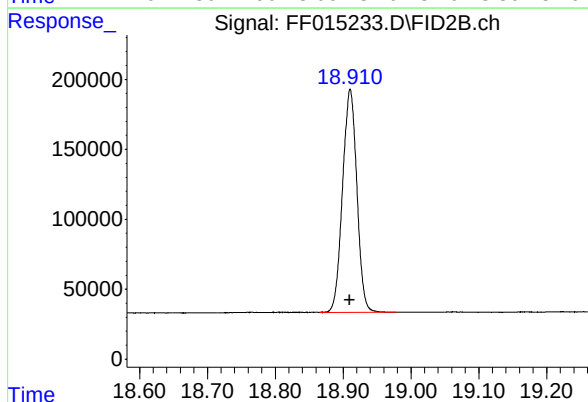
R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 2520191
Conc: 18.10 ug/ml

Instrument :

FID_F

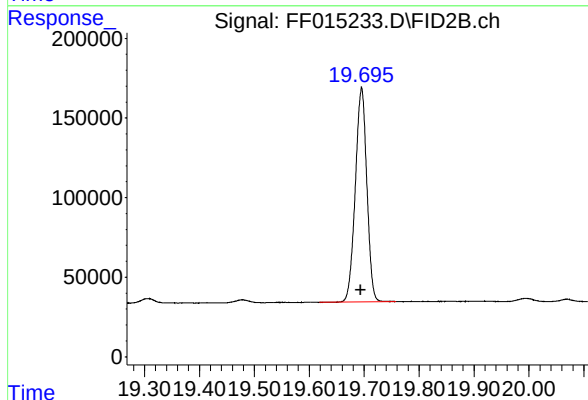
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



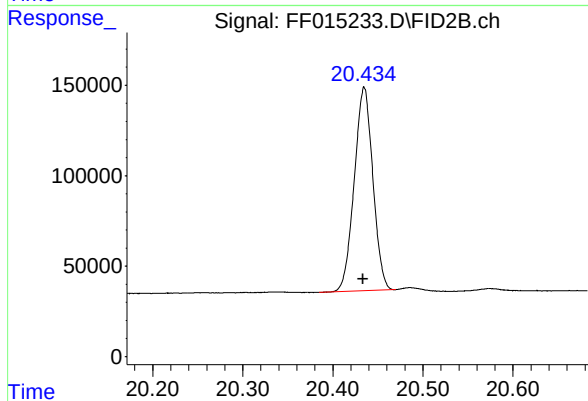
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.001 min
Response: 2340348
Conc: 17.94 ug/ml



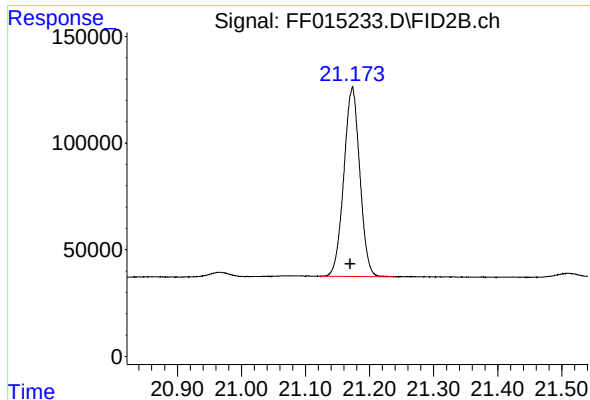
#19 n-Tetatriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.001 min
Response: 1958623
Conc: 18.02 ug/ml



#20 n-Hexatriacontane (C36)

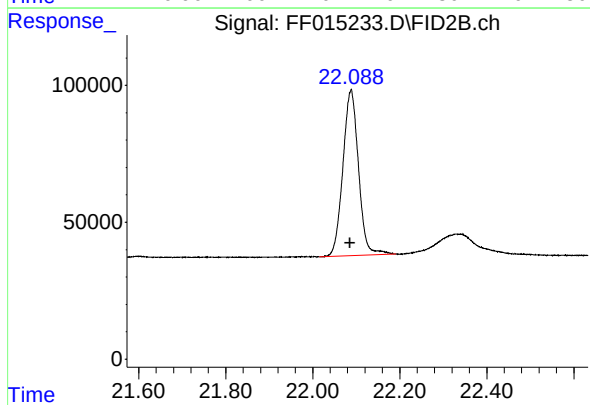
R.T.: 20.435 min
Delta R.T.: 0.001 min
Response: 1612090
Conc: 18.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: 0.003 min
Response: 1528045
Conc: 18.54 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: 0.002 min
Response: 1504347
Conc: 18.96 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
Data File : FF015233.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 15:26
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH
011425.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.315	3.281	3.378	BB	253152	2484205	83.21%	4.623%
2	4.568	4.531	4.628	BB	253153	2531758	84.80%	4.711%
3	6.268	6.235	6.328	BB	287553	2744339	91.92%	5.107%
4	6.731	6.698	6.791	BB	248488	2550039	85.41%	4.745%
5	7.362	7.315	7.421	BB	266605	2657646	89.02%	4.945%
6	8.556	8.521	8.611	BB	240090	2542085	85.15%	4.730%
7	10.163	10.125	10.225	BB	240447	2661749	89.16%	4.953%
8	11.605	11.555	11.665	BB	235294	2746456	91.99%	5.111%
9	11.924	11.865	11.985	BB	277619	2985481	100.00%	5.556%
10	12.915	12.875	12.978	BB	225250	2700787	90.46%	5.026%
11	13.360	13.318	13.401	BB	184514	2338280	78.32%	4.351%
12	13.527	13.488	13.581	BB	224815	2678057	89.70%	4.983%
13	14.114	14.075	14.158	BB	214785	2688138	90.04%	5.002%
14	15.217	15.175	15.278	BB	207006	2716938	91.01%	5.056%
15	16.240	16.198	16.298	BB	205049	2669405	89.41%	4.967%
16	17.190	17.111	17.248	BB	188247	2579852	86.41%	4.801%
17	18.078	18.011	18.138	BB	181703	2520191	84.41%	4.690%
18	18.910	18.865	18.978	BB	159503	2340348	78.39%	4.355%
19	19.695	19.618	19.758	BB	133988	1958623	65.60%	3.645%
20	20.435	20.385	20.470	BV	112396	1612090	54.00%	3.000%
21	21.173	21.121	21.241	BB	88772	1528045	51.18%	2.843%
22	22.088	22.015	22.191	BB	60540	1504347	50.39%	2.799%
Sum of corrected areas:							53738860	

Aliphatic EPH 011425.M Tue Jan 14 18:16:31 2025

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