

Initial Calibration Report for SequenceID : FE012524AL

AreaCount

Parameter Range	FE046384.D	FE046385.D	FE046386.D	FE046387.D	FE046388.D	
Aliphatic C9-C12	47259619.000	27050684.000	9486339.000	4625065.000	2518441.000	
Aliphatic C12-C16	32207965.000	18503996.000	6488269.000	3136518.000	1718275.000	
Aliphatic C16-C21	48281090.000	28106751.000	9901152.000	4800262.000	2672710.000	
Aliphatic C21-C28	61187993.000	35804329.000	12586058.000	6071367.000	3404282.000	
Aliphatic C28-C40	80245878.000	46814752.000	15492322.000	7658553.000	4621352.000	
Aliphatic EPH	269182545.000	156280512.000	53954140.000	26291765.000	14935060.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	163608.101333	6.516				
Aliphatic C12-C16	167387.982	6.746				
Aliphatic C16-C21	170304.781333	7.042				
Aliphatic C21-C28	162263.1255	7.322				
Aliphatic C28-C40	140116.5206664	9.872				
Aliphatic EPH	157014.7909998	7.689				

Concentration

Parameter Range	FE046384.D	FE046385.D	FE046386.D	FE046387.D	FE046388.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	FE046384.D	FE046385.D	FE046386.D	FE046387.D	FE046388.D	
Aliphatic C9-C12	157532.063333	180337.893333	158105.650000	154168.833333	167896.066666	
Aliphatic C12-C16	161039.825000	185039.960000	162206.725000	156825.900000	171827.500000	
Aliphatic C16-C21	160936.966666	187378.340000	165019.200000	160008.733333	178180.666666	
Aliphatic C21-C28	152969.982500	179021.645000	157325.725000	151784.175000	170214.100000	
Aliphatic C28-C40	133743.130000	156049.173333	129102.683333	127642.550000	154045.066666	



284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Initial Calibration Report for SequenceID : FE012524AL

Aliphatic EPH	149545.858333	173645.013333	149872.611111	146065.361111	165945.111111	
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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
 Data File : FE046384.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2024 12:31
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 14:12:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:09:18 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)	11.830	17495604	98.794 ug/ml
Spiked Amount 50.000		Recovery =	197.59%
12) S 1-chlorooctadecane (S...	13.269	13534825	99.094 ug/ml
Spiked Amount 50.000		Recovery =	198.19%
Target Compounds			
1) T n-Nonane (C9)	3.215	15452290	99.734 ug/ml
2) T n-Decane (C10)	4.466	15818799	99.973 ug/ml
3) T A~Naphthalene (C11.7)	6.168	17251374	101.376 ug/ml
4) T n-Dodecane (C12)	6.633	15988530	99.747 ug/ml
5) T A~2-methylnaphthalene...	7.265	16641178	102.789 ug/ml
6) T n-Tetradecane (C14)	8.460	15858345	99.891 ug/ml
7) T n-Hexadecane (C16)	10.069	16349620	99.396 ug/ml
8) T n-Octadecane (C18)	11.515	16573335	98.975 ug/ml
10) T n-Eicosane (C20)	12.824	15966784	98.605 ug/ml
11) T n-Heneicosane (C21)	13.438	15740971	98.654 ug/ml
13) T n-Docosane (C22)	14.024	15659131	98.688 ug/ml
14) T n-Tetracosane (C24)	15.129	15578539	98.632 ug/ml
15) T n-Hexacosane (C26)	16.152	15209092	98.580 ug/ml
16) T n-Octacosane (C28)	17.104	14741231	98.479 ug/ml
17) T n-Tricontane (C30)	17.993	14652984	98.556 ug/ml
18) T n-Dotriacontane (C32)	18.828	14026809	98.757 ug/ml
19) T n-Tetratriacontane (C34)	19.613	13477293	100.263 ug/ml
20) T n-Hexatriacontane (C36)	20.354	12909006	101.435 ug/ml
21) T n-Octatriacontane (C38)	21.086	12757076	106.370 ug/ml
22) T n-Tetracontane (C40)	21.976	12422710	106.896 ug/ml

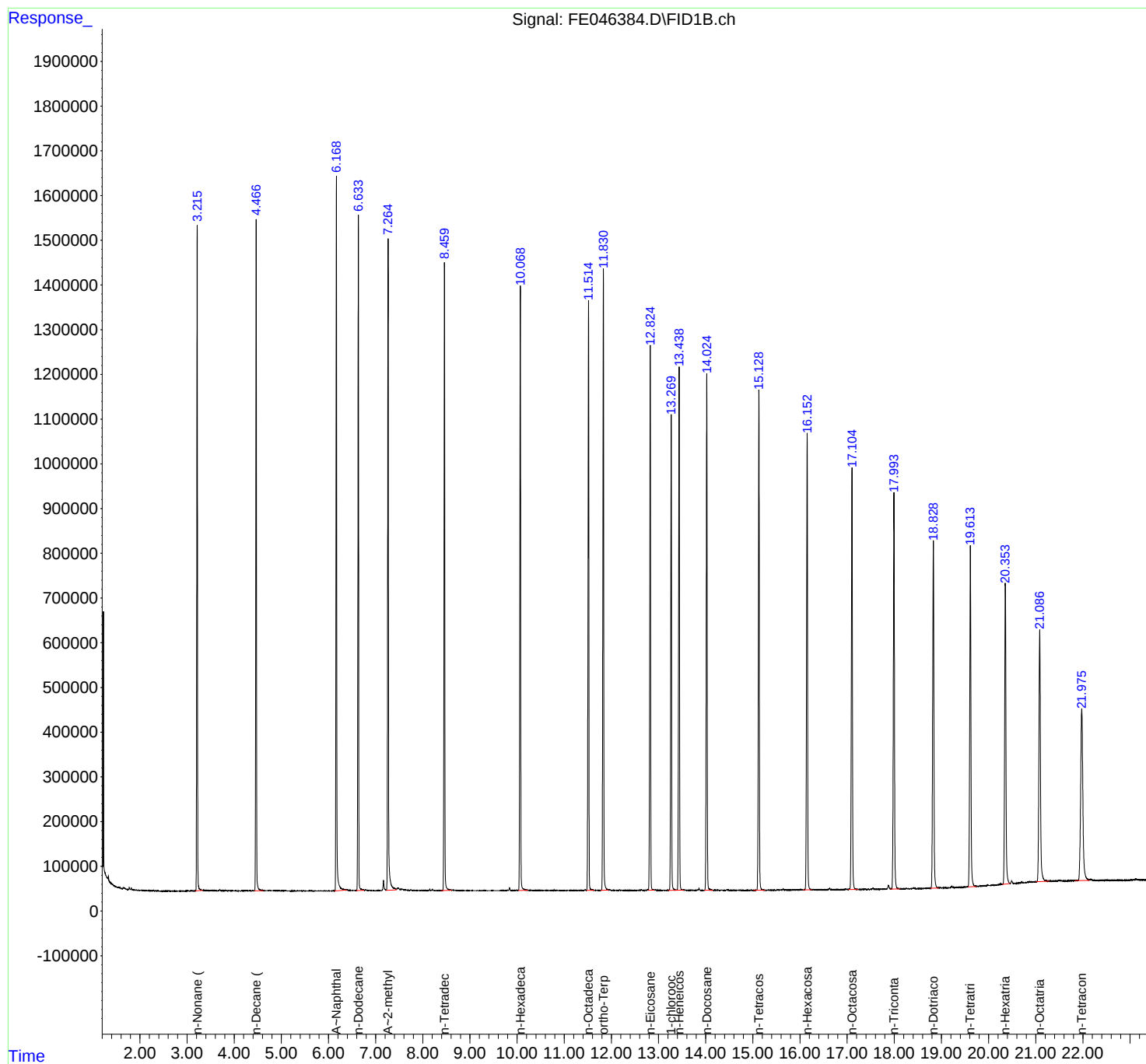
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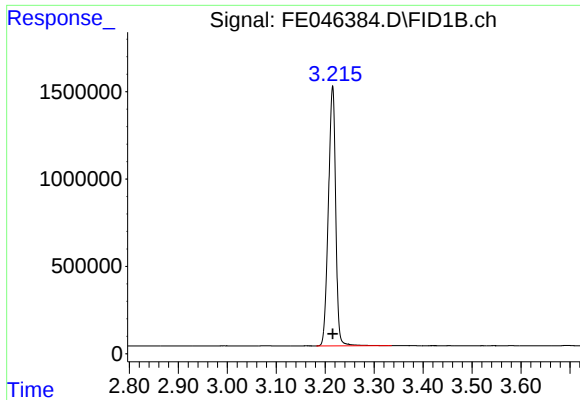
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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
Data File : FE046384.D
Signal(s) : FID1B.ch
Acq On : 25 Jan 2024 12:31
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 25 14:12:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 14:09:18 2024
Response via : Initial Calibration
Integrator: ChemStation

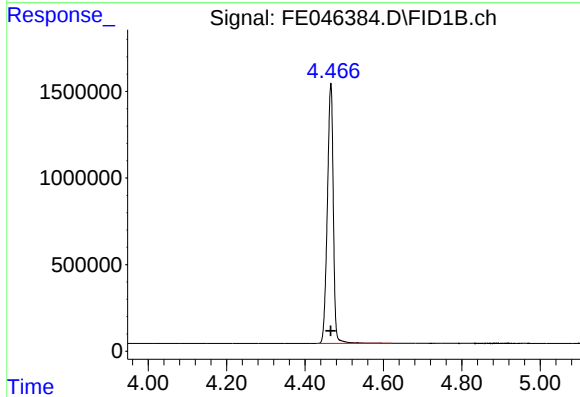
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





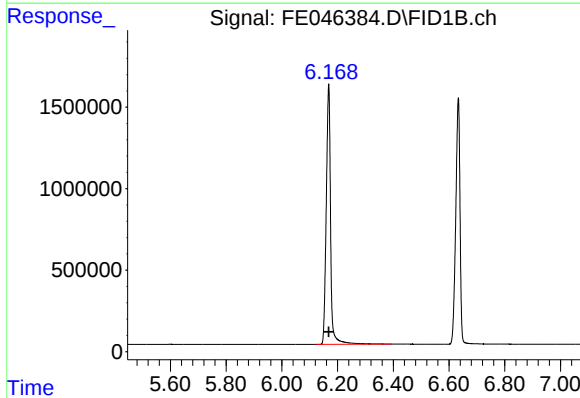
#1 n-Nonane (C9)

R.T.: 3.215 min
Delta R.T.: 0.000 min
Response: 15452290
Conc: 99.73 ug/ml



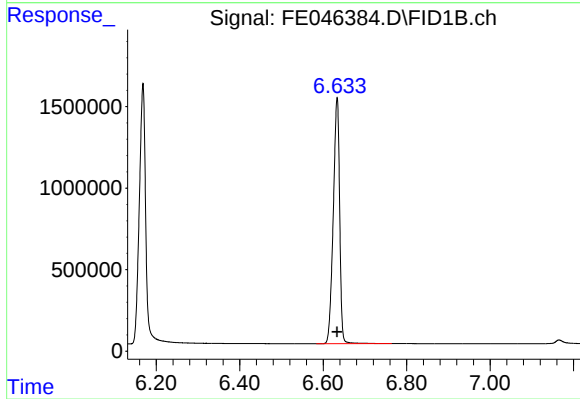
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 15818799
Conc: 99.97 ug/ml



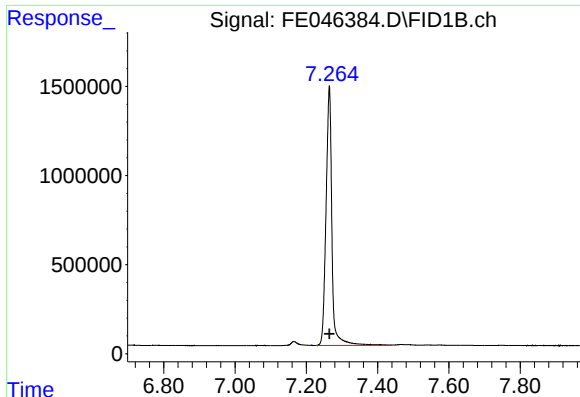
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 17251374
Conc: 101.38 ug/ml



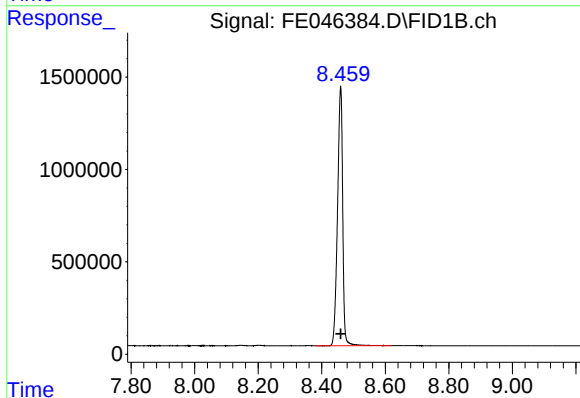
#4 n-Dodecane (C12)

R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 15988530
Conc: 99.75 ug/ml



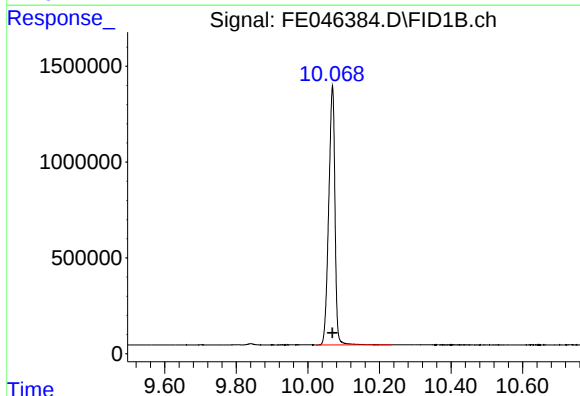
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 16641178
Conc: 102.79 ug/ml



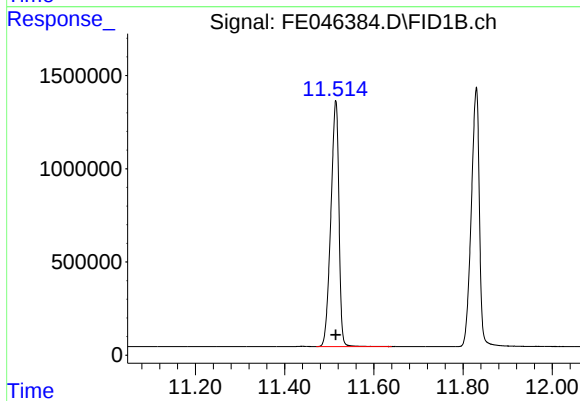
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 15858345
Conc: 99.89 ug/ml



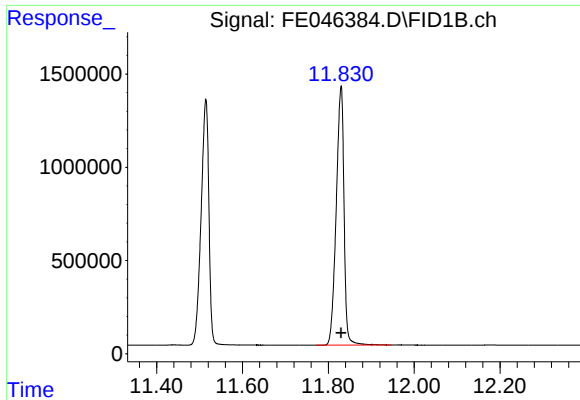
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: 0.000 min
Response: 16349620
Conc: 99.40 ug/ml



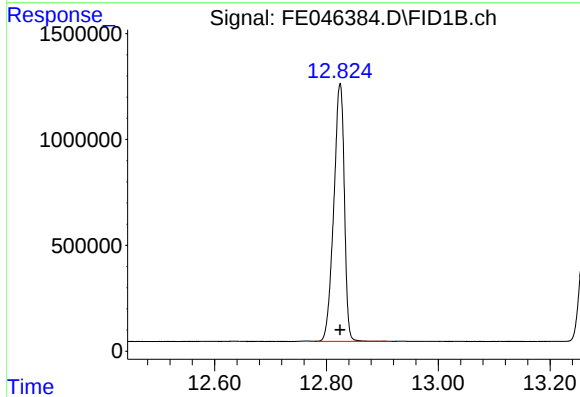
#8 n-Octadecane (C18)

R.T.: 11.515 min
Delta R.T.: 0.000 min
Response: 16573335
Conc: 98.97 ug/ml



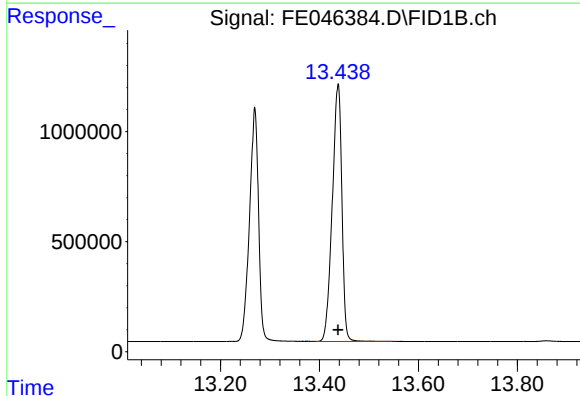
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: 0.000 min
Response: 17495604
Conc: 98.79 ug/ml



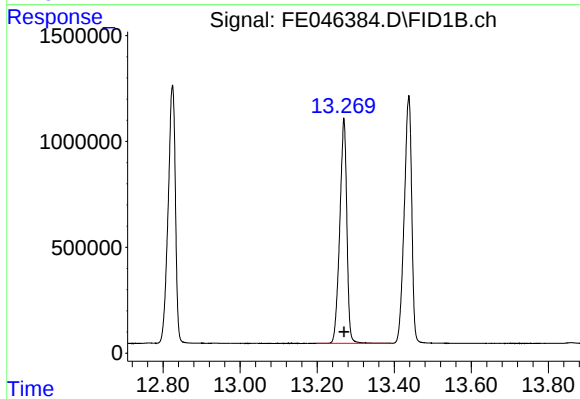
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: 0.000 min
Response: 15966784
Conc: 98.60 ug/ml



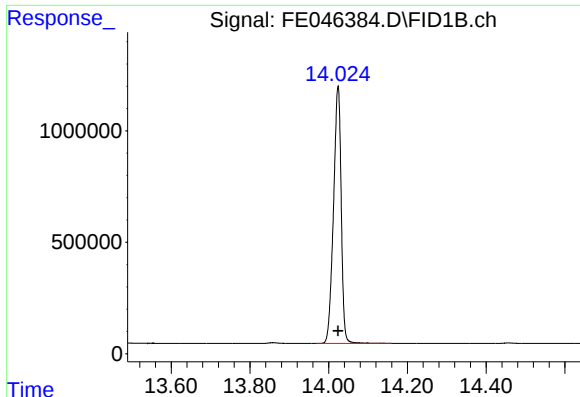
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: 0.000 min
Response: 15740971
Conc: 98.65 ug/ml



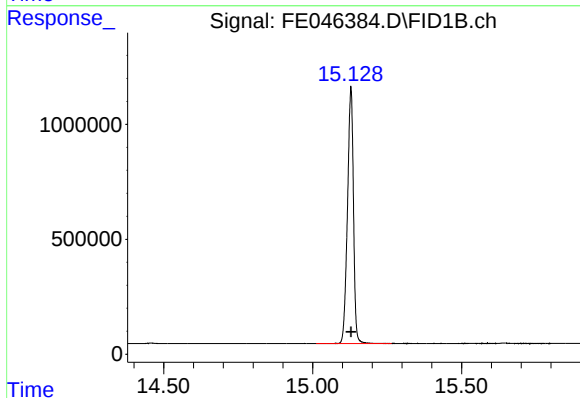
#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 13534825
Conc: 99.09 ug/ml



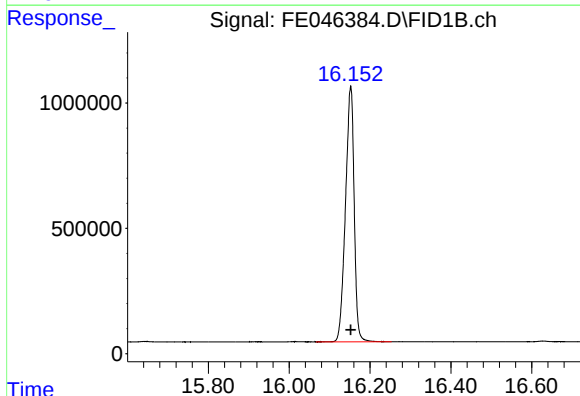
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: 0.000 min
Response: 15659131
Conc: 98.69 ug/ml



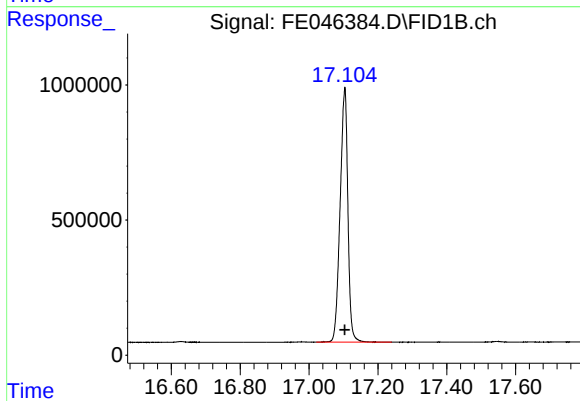
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: 0.000 min
Response: 15578539
Conc: 98.63 ug/ml



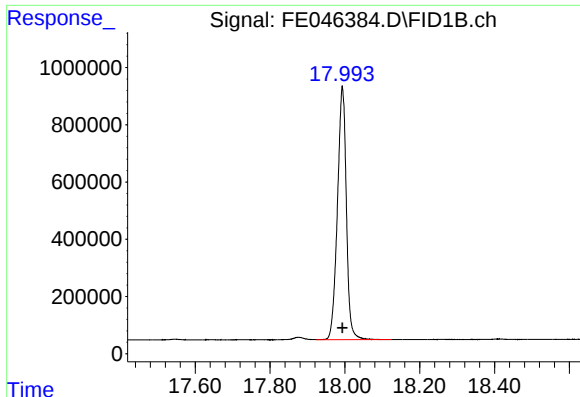
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: 0.000 min
Response: 15209092
Conc: 98.58 ug/ml



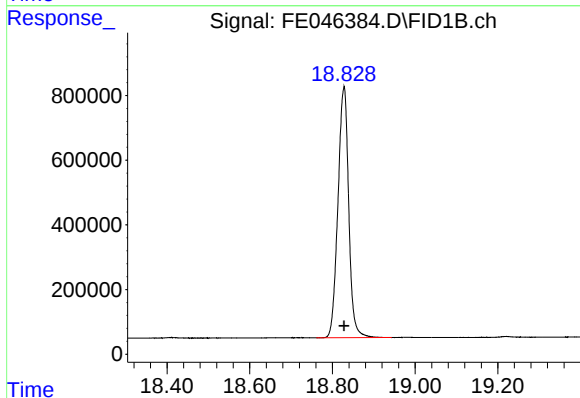
#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: 0.000 min
Response: 14741231
Conc: 98.48 ug/ml



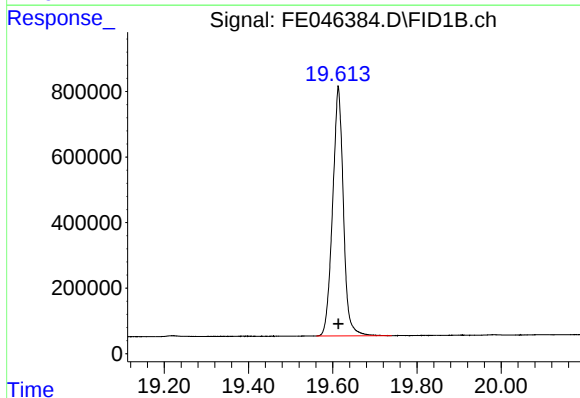
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: 0.000 min
Response: 14652984
Conc: 98.56 ug/ml



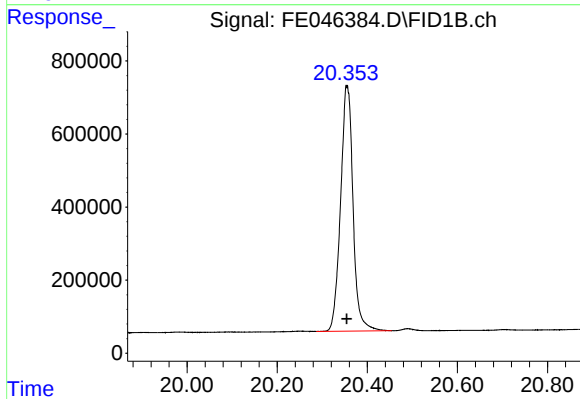
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: 0.000 min
Response: 14026809
Conc: 98.76 ug/ml



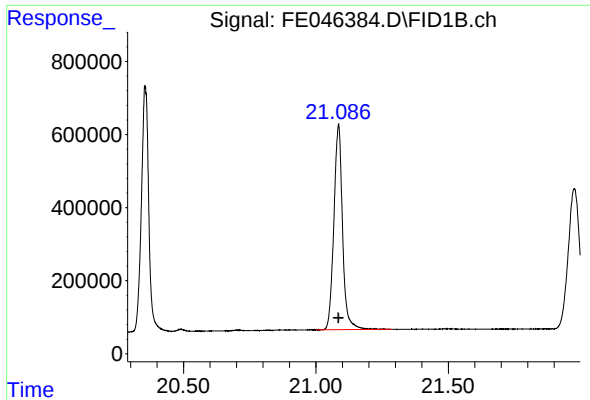
#19 n-Tetratriacontane (C34)

R.T.: 19.613 min
Delta R.T.: 0.000 min
Response: 13477293
Conc: 100.26 ug/ml



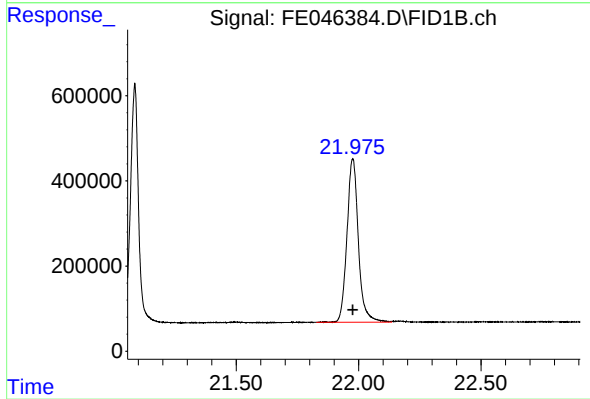
#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: 0.000 min
Response: 12909006
Conc: 101.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.086 min
Delta R.T.: 0.000 min
Response: 12757076
Conc: 106.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: 0.000 min
Response: 12422710
Conc: 106.90 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
Data File : FE046384.D
Signal(s) : FID1B.ch
Acq On : 25 Jan 2024 12:31
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.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	3.215	3.182	3.336	BV	1486406	15452290	88.32%	4.625%
2	4.466	4.428	4.621	BB	1500640	15818799	90.42%	4.735%
3	6.168	6.123	6.394	BB	1598363	17251374	98.60%	5.163%
4	6.633	6.583	6.764	BV	1509339	15988530	91.39%	4.785%
5	7.265	7.227	7.439	VV	1459617	16641178	95.12%	4.981%
6	8.460	8.382	8.620	BB	1404188	15858345	90.64%	4.746%
7	10.069	10.023	10.234	BB	1352021	16349620	93.45%	4.894%
8	11.515	11.471	11.640	PB	1318565	16573335	94.73%	4.960%
9	11.830	11.772	11.947	BV	1389800	17495604	100.00%	5.237%
10	12.824	12.782	12.917	VV	1216536	15966784	91.26%	4.779%
11	13.269	13.197	13.393	BV	1063058	13534825	77.36%	4.051%
12	13.438	13.393	13.546	VB	1167675	15740971	89.97%	4.711%
13	14.024	13.968	14.160	BB	1154930	15659131	89.50%	4.687%
14	15.129	15.012	15.265	BB	1117710	15578539	89.04%	4.663%
15	16.152	16.067	16.253	BV	1021139	15209092	86.93%	4.552%
16	17.104	17.021	17.240	BB	942973	14741231	84.26%	4.412%
17	17.993	17.923	18.125	VB	886133	14652984	83.75%	4.386%
18	18.828	18.761	18.943	BV	777192	14026809	80.17%	4.198%
19	19.613	19.561	19.740	BV	762468	13477293	77.03%	4.034%
20	20.354	20.287	20.454	BV	668772	12909006	73.78%	3.864%
21	21.086	21.001	21.286	BB	563393	12757076	72.92%	3.818%
22	21.976	21.891	22.135	BV	383564	12424662	71.02%	3.719%
Sum of corrected areas:						334107479		

Aliphatic EPH 012524.M Thu Jan 25 15:00:35 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
 Data File : FE046385.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2024 13:01
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 14:14:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:09:18 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)	11.825	10167068	54.708 ug/ml
Spiked Amount 50.000		Recovery =	109.42%
12) S 1-chlorooctadecane (S...	13.266	7874257	54.853 ug/ml
Spiked Amount 50.000		Recovery =	109.71%
Target Compounds			
1) T n-Nonane (C9)	3.213	8860374	54.573 ug/ml
2) T n-Decane (C10)	4.463	9022673	54.472 ug/ml
3) T A~Naphthalene (C11.7)	6.165	9824595	54.903 ug/ml
4) T n-Dodecane (C12)	6.630	9167637	54.576 ug/ml
5) T A~2-methylnaphthalene...	7.261	9454851	55.303 ug/ml
6) T n-Tetradecane (C14)	8.456	9079839	54.576 ug/ml
7) T n-Hexadecane (C16)	10.065	9424157	54.637 ug/ml
8) T n-Octadecane (C18)	11.511	9619554	54.730 ug/ml
10) T n-Eicosane (C20)	12.820	9300882	54.725 ug/ml
11) T n-Heneicosane (C21)	13.433	9186315	54.807 ug/ml
13) T n-Docosane (C22)	14.021	9146085	54.847 ug/ml
14) T n-Tetracosane (C24)	15.125	9115318	54.890 ug/ml
15) T n-Hexacosane (C26)	16.148	8903589	54.889 ug/ml
16) T n-Octacosane (C28)	17.100	8639337	54.892 ug/ml
17) T n-Tricontane (C30)	17.989	8584572	54.907 ug/ml
18) T n-Dotriacontane (C32)	18.823	8232544	55.040 ug/ml
19) T n-Tetratriacontane (C34)	19.610	7845638	55.283 ug/ml
20) T n-Hexatriacontane (C36)	20.351	7707156	56.577 ug/ml
21) T n-Octatriacontane (C38)	21.080	7327007	56.886 ug/ml
22) T n-Tetracontane (C40)	21.974	7117835	56.976 ug/ml

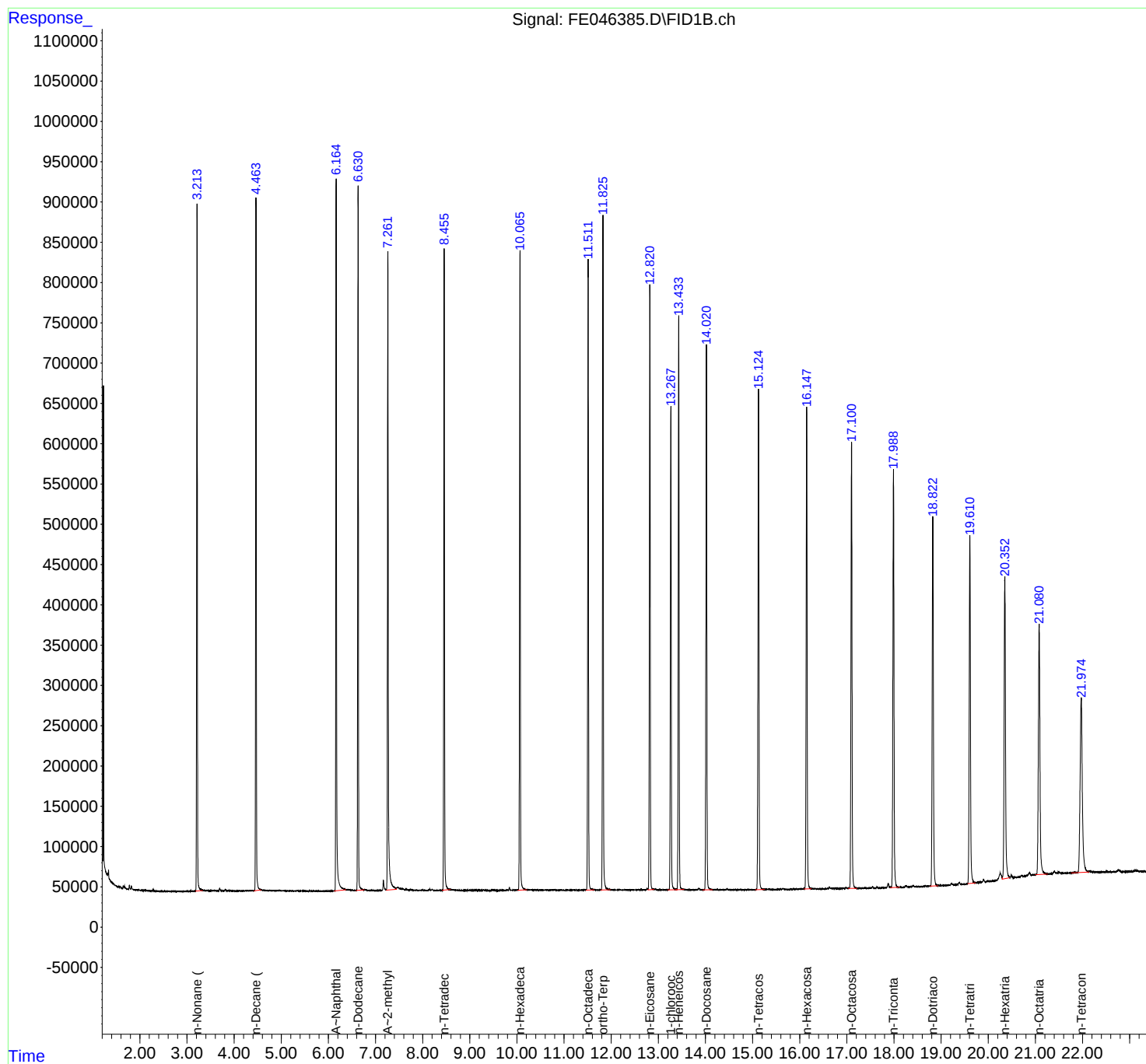
(f)=RT Delta > 1/2 Window

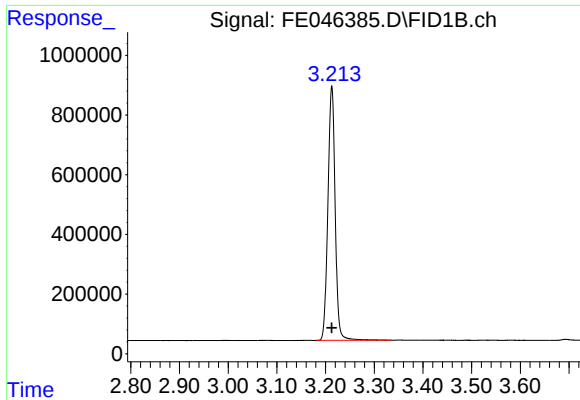
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
Data File : FE046385.D
Signal(s) : FID1B.ch
Acq On : 25 Jan 2024 13:01
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 25 14:14:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 14:09:18 2024
Response via : Initial Calibration
Integrator: ChemStation

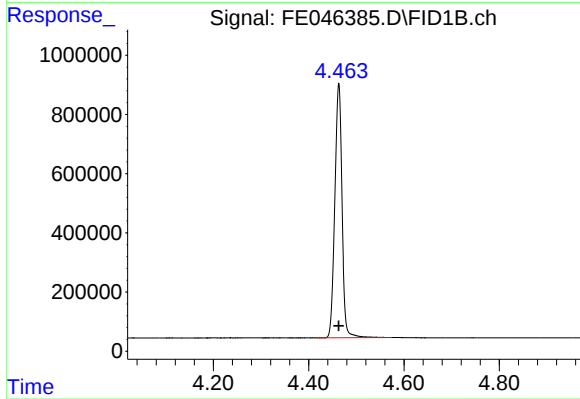
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





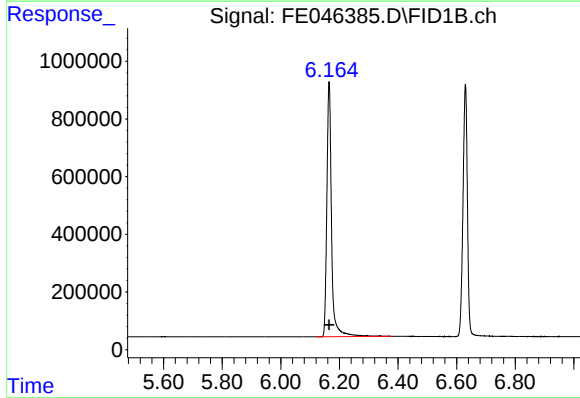
#1 n-Nonane (C9)

R.T.: 3.213 min
Delta R.T.: 0.000 min
Response: 8860374
Conc: 54.57 ug/ml



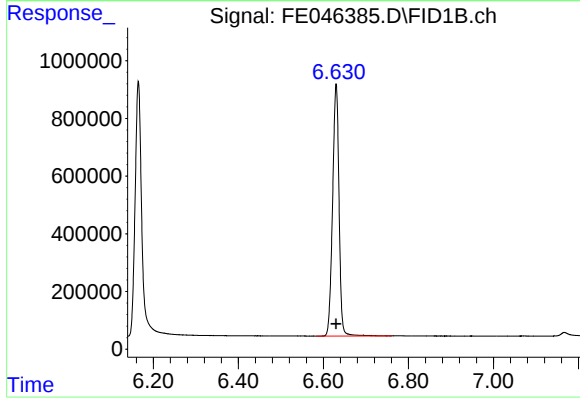
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 9022673
Conc: 54.47 ug/ml



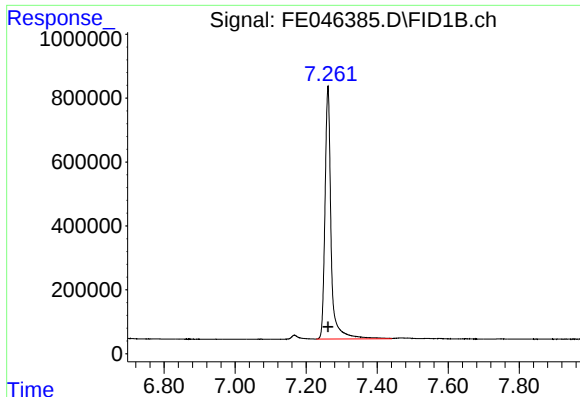
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 9824595
Conc: 54.90 ug/ml



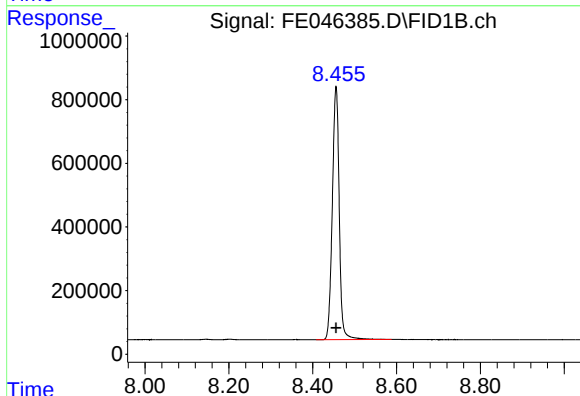
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 9167637
Conc: 54.58 ug/ml



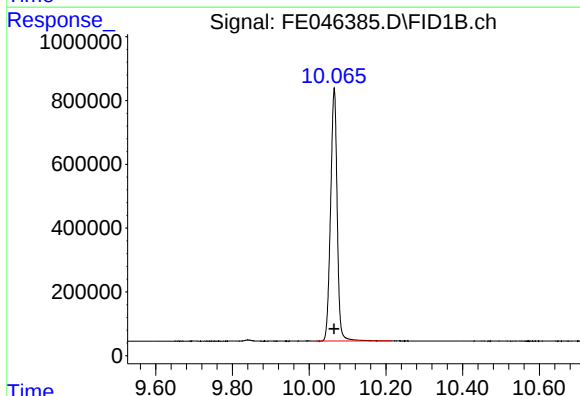
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 9454851
Conc: 55.30 ug/ml



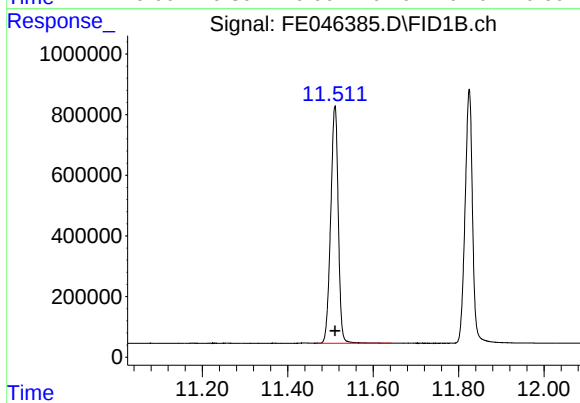
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: 0.000 min
Response: 9079839
Conc: 54.58 ug/ml



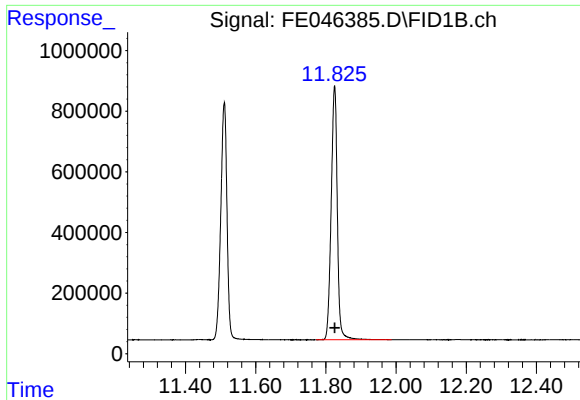
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: 0.000 min
Response: 9424157
Conc: 54.64 ug/ml



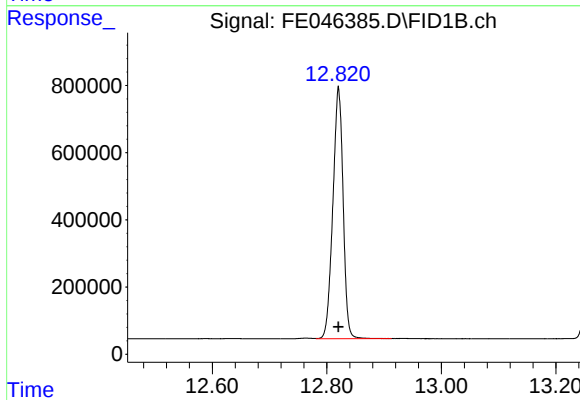
#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: 0.000 min
Response: 9619554
Conc: 54.73 ug/ml



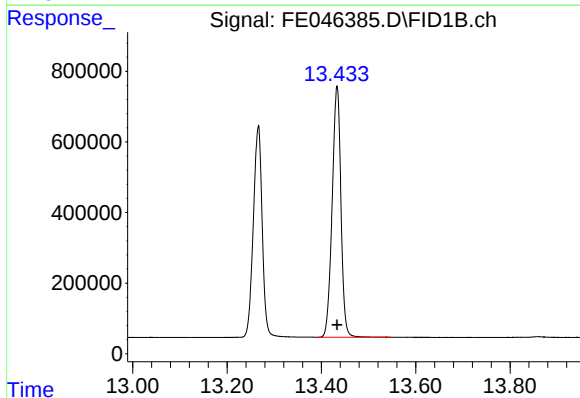
#9 ortho-Terphenyl (SURR)

R.T.: 11.825 min
Delta R.T.: 0.000 min
Response: 10167068
Conc: 54.71 ug/ml



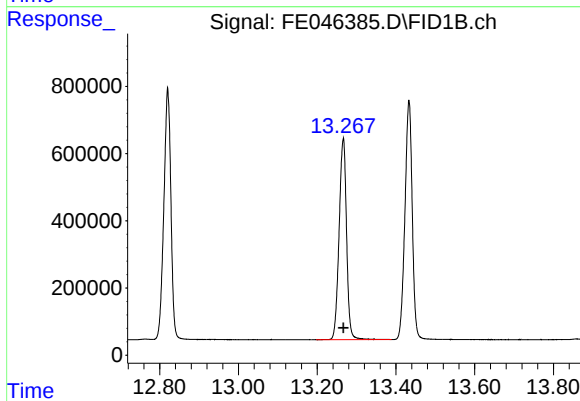
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: 0.000 min
Response: 9300882
Conc: 54.72 ug/ml



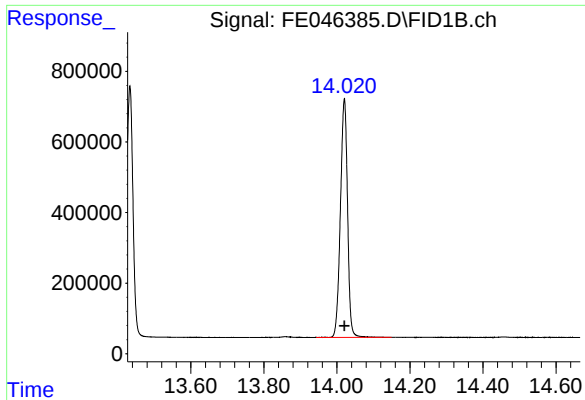
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: 0.000 min
Response: 9186315
Conc: 54.81 ug/ml



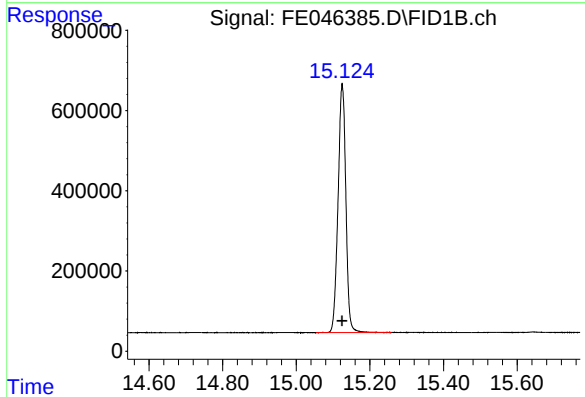
#12 1-chlorooctadecane (SURR)

R.T.: 13.266 min
Delta R.T.: 0.000 min
Response: 7874257
Conc: 54.85 ug/ml



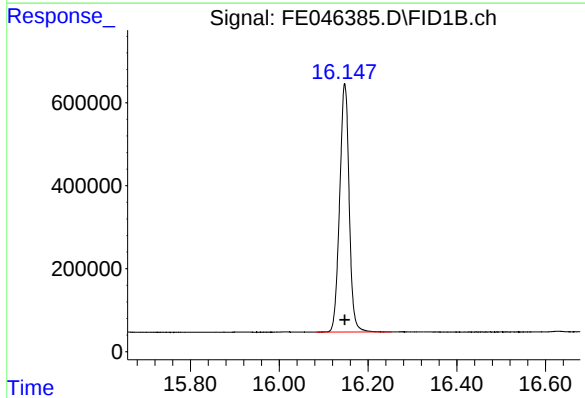
#13 n-Docosane (C22)

R.T.: 14.021 min
Delta R.T.: 0.000 min
Response: 9146085
Conc: 54.85 ug/ml



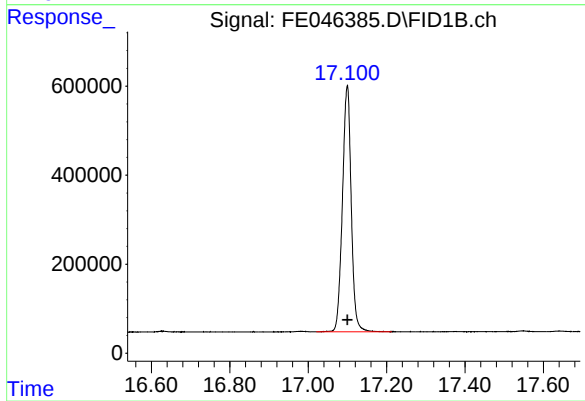
#14 n-Tetracosane (C24)

R.T.: 15.125 min
Delta R.T.: 0.000 min
Response: 9115318
Conc: 54.89 ug/ml



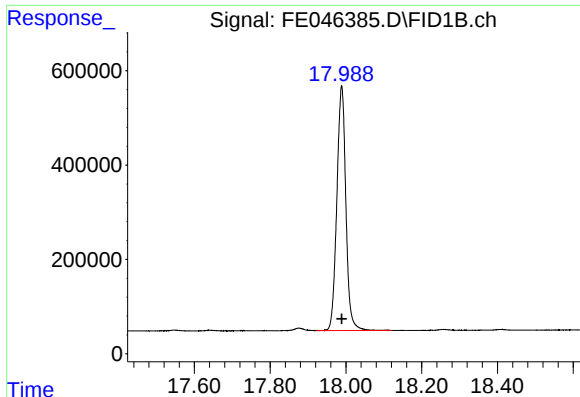
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: 0.000 min
Response: 8903589
Conc: 54.89 ug/ml



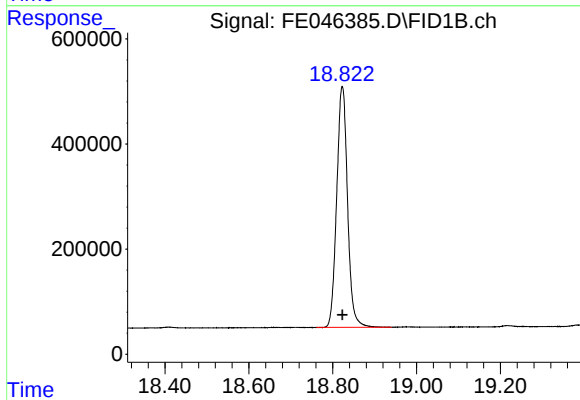
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: 0.000 min
Response: 8639337
Conc: 54.89 ug/ml



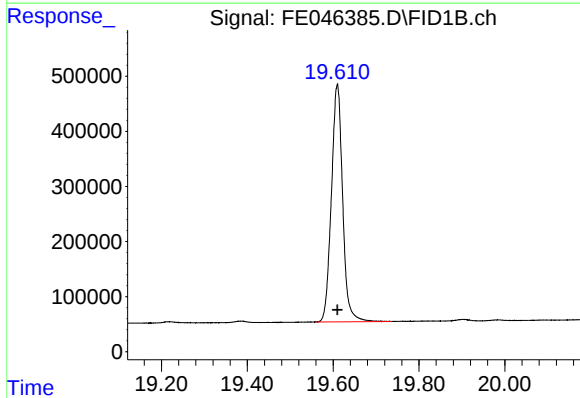
#17 n-Tricontane (C30)

R.T.: 17.989 min
Delta R.T.: 0.000 min
Response: 8584572
Conc: 54.91 ug/ml



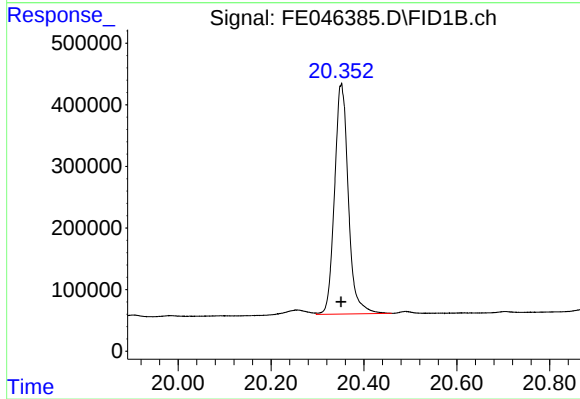
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: 0.000 min
Response: 8232544
Conc: 55.04 ug/ml



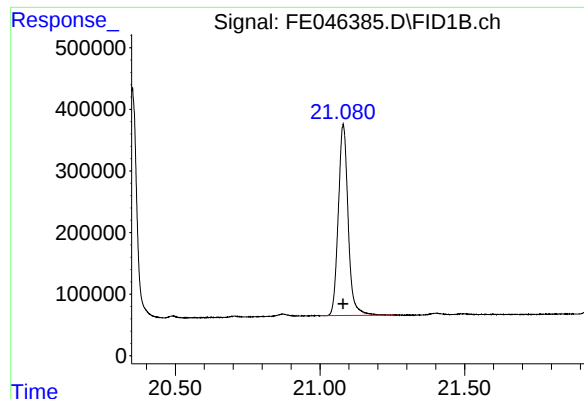
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: 0.000 min
Response: 7845638
Conc: 55.28 ug/ml



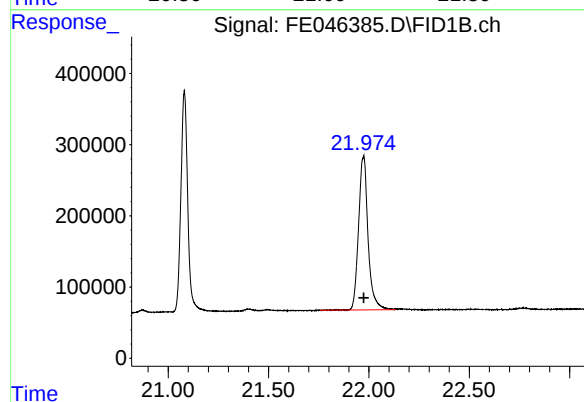
#20 n-Hexatriacontane (C36)

R.T.: 20.351 min
Delta R.T.: 0.000 min
Response: 7707156
Conc: 56.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: 0.000 min
Response: 7327007
Conc: 56.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: 0.000 min
Response: 7117835
Conc: 56.98 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
Data File : FE046385.D
Signal(s) : FID1B.ch
Acq On : 25 Jan 2024 13:01
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.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	3.213	3.181	3.336	BV	852879	8860374	87.15%	4.578%
2	4.463	4.416	4.574	BV	859942	9022673	88.74%	4.662%
3	6.165	6.121	6.378	BB	883609	9824595	96.63%	5.076%
4	6.630	6.583	6.761	BB	874630	9167637	90.17%	4.737%
5	7.262	7.228	7.441	VV	792416	9454851	92.99%	4.885%
6	8.456	8.408	8.588	BB	795620	9079839	89.31%	4.691%
7	10.065	10.018	10.215	BB	793460	9424157	92.69%	4.869%
8	11.511	11.466	11.643	BB	781005	9619554	94.61%	4.970%
9	11.825	11.772	11.987	BB	837542	10167068	100.00%	5.253%
10	12.820	12.781	12.913	VB	748965	9300882	91.48%	4.806%
11	13.266	13.197	13.389	BV	599113	7874257	77.45%	4.069%
12	13.433	13.389	13.549	VB	712020	9186315	90.35%	4.747%
13	14.021	13.943	14.150	BB	676558	9146085	89.96%	4.726%
14	15.125	15.054	15.259	BB	620734	9115318	89.66%	4.710%
15	16.148	16.083	16.253	BB	598014	8903589	87.57%	4.600%
16	17.100	17.021	17.213	BB	553004	8639337	84.97%	4.464%
17	17.989	17.921	18.121	VB	518777	8584572	84.44%	4.436%
18	18.823	18.761	18.941	BB	458459	8232544	80.97%	4.254%
19	19.610	19.561	19.736	BV	431493	7845638	77.17%	4.054%
20	20.351	20.297	20.460	VV	373173	7707156	75.81%	3.982%
21	21.080	21.001	21.261	BV	310698	7327007	72.07%	3.786%
22	21.974	21.891	22.133	BV	216652	7054738	69.39%	3.645%
Sum of corrected areas:						193538186		

Aliphatic EPH 012524.M Thu Jan 25 15:01:39 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
 Data File : FE046386.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2024 13:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 14:10:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:09:18 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)	11.821	3584574	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.263	2756445	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.211	3106936	20.000 ug/ml
2) T n-Decane (C10)	4.460	3165462	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.163	3356642	20.000 ug/ml
4) T n-Dodecane (C12)	6.627	3213941	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.260	3147616	20.000 ug/ml
6) T n-Tetradecane (C14)	8.453	3178612	20.000 ug/ml
7) T n-Hexadecane (C16)	10.063	3309657	20.000 ug/ml
8) T n-Octadecane (C18)	11.506	3383352	20.000 ug/ml
10) T n-Eicosane (C20)	12.817	3283714	20.000 ug/ml
11) T n-Heneicosane (C21)	13.430	3234086	20.000 ug/ml
13) T n-Docosane (C22)	14.017	3215114	20.000 ug/ml
14) T n-Tetracosane (C24)	15.122	3202123	20.000 ug/ml
15) T n-Hexacosane (C26)	16.145	3129479	20.000 ug/ml
16) T n-Octacosane (C28)	17.095	3039342	20.000 ug/ml
17) T n-Tricontane (C30)	17.985	3016495	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.819	2875979	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.606	2681324	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.346	2508750	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.074	2245814	20.000 ug/ml
22) T n-Tetracontane (C40)	21.965	2163960	20.000 ug/ml

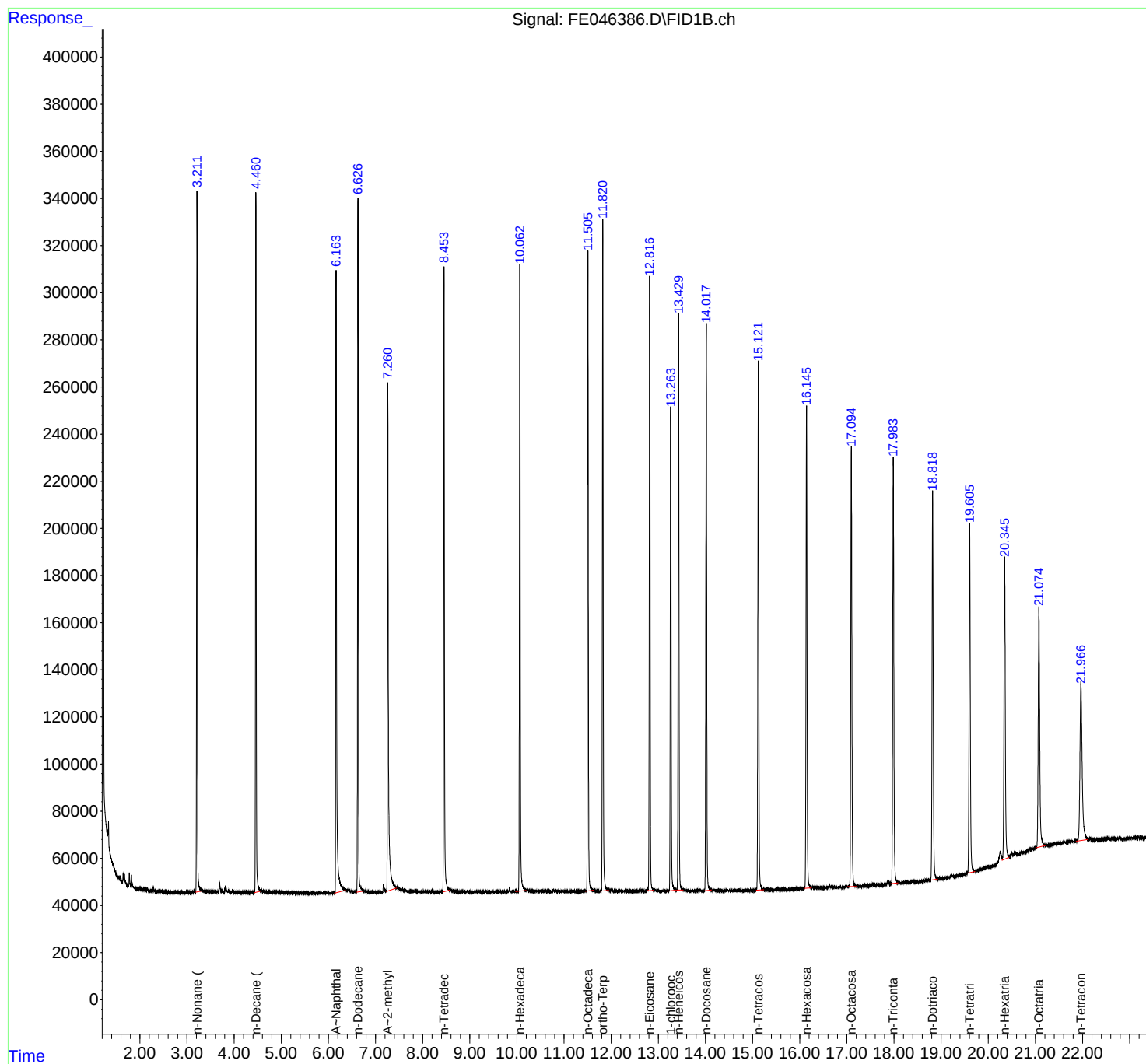
(f)=RT Delta > 1/2 Window

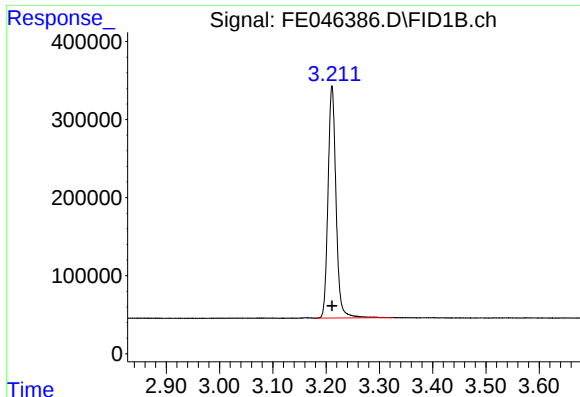
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
Data File : FE046386.D
Signal(s) : FID1B.ch
Acq On : 25 Jan 2024 13:31
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 25 14:10:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 14:09:18 2024
Response via : Initial Calibration
Integrator: ChemStation

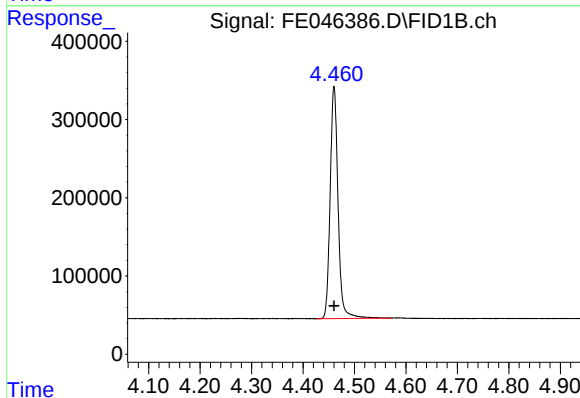
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





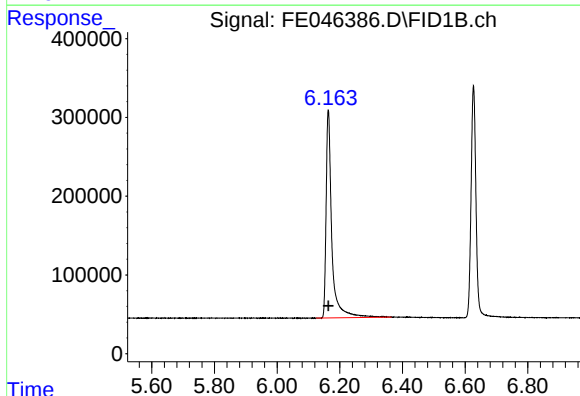
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: 0.000 min
Response: 3106936
Conc: 20.00 ug/ml



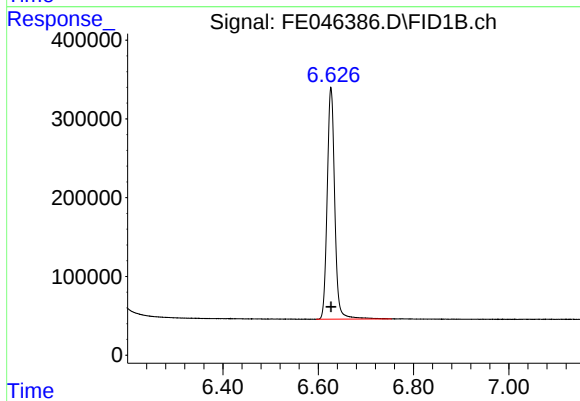
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 3165462
Conc: 20.00 ug/ml



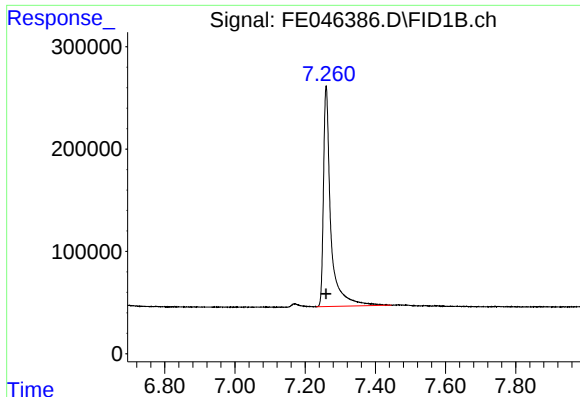
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 3356642
Conc: 20.00 ug/ml



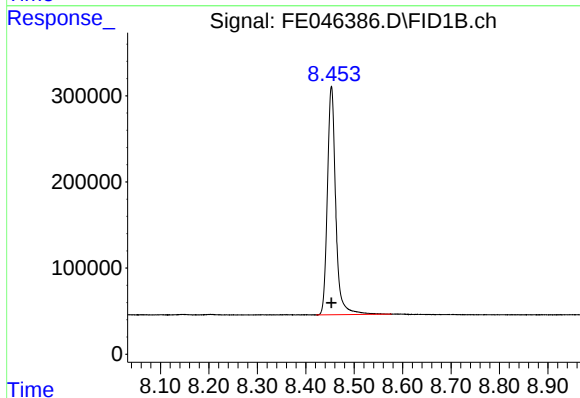
#4 n-Dodecane (C12)

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 3213941
Conc: 20.00 ug/ml



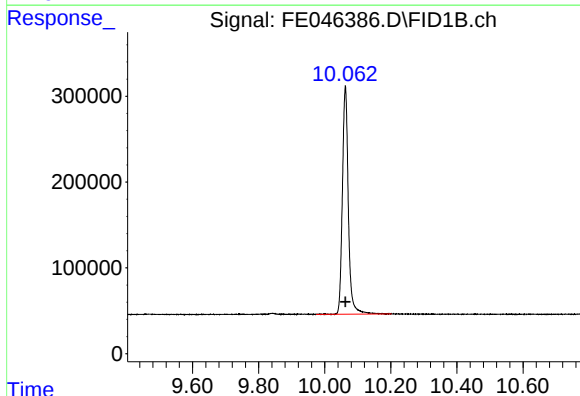
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 3147616
Conc: 20.00 ug/ml



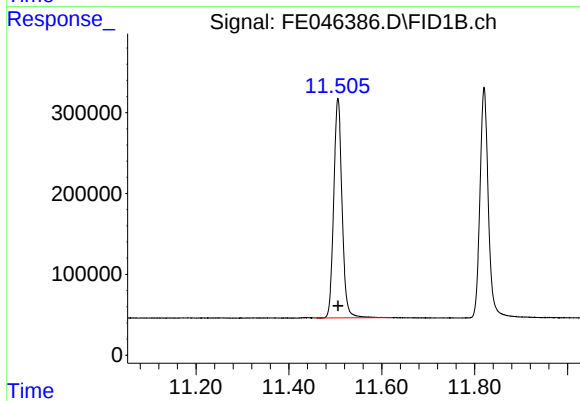
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 3178612
Conc: 20.00 ug/ml



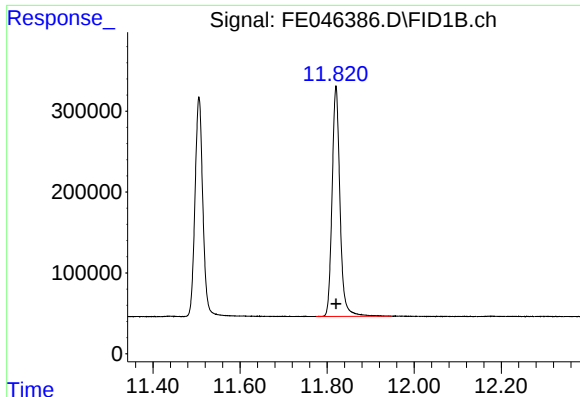
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: 0.000 min
Response: 3309657
Conc: 20.00 ug/ml



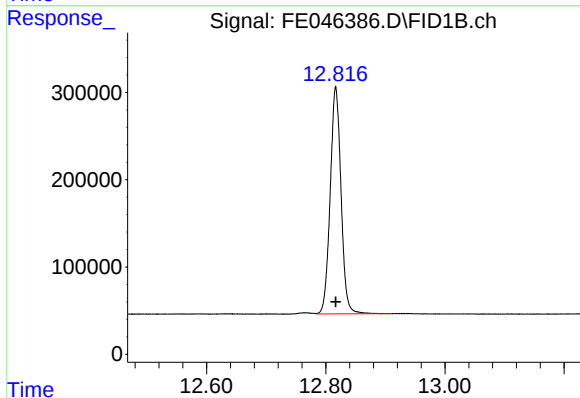
#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 3383352
Conc: 20.00 ug/ml



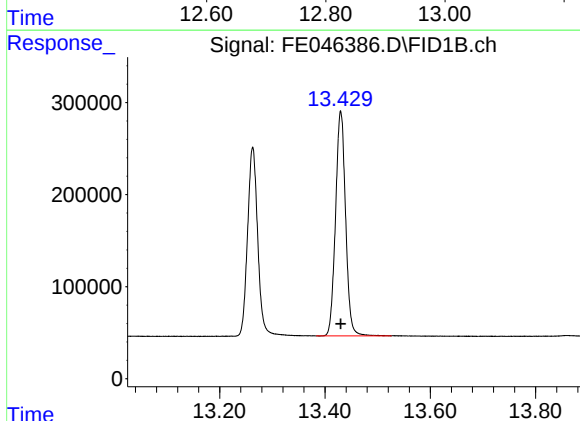
#9 ortho-Terphenyl (SURR)

R.T.: 11.821 min
Delta R.T.: 0.000 min
Response: 3584574
Conc: 20.00 ug/ml



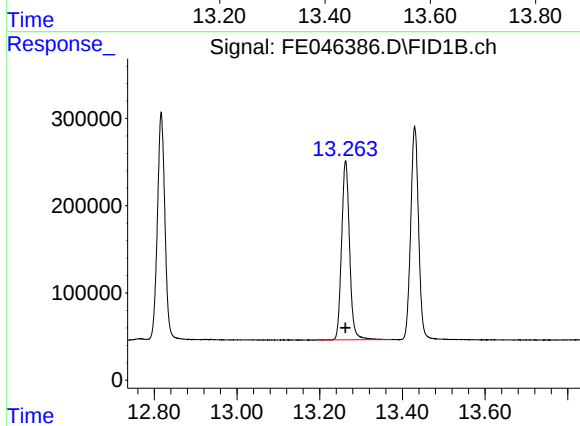
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 3283714
Conc: 20.00 ug/ml



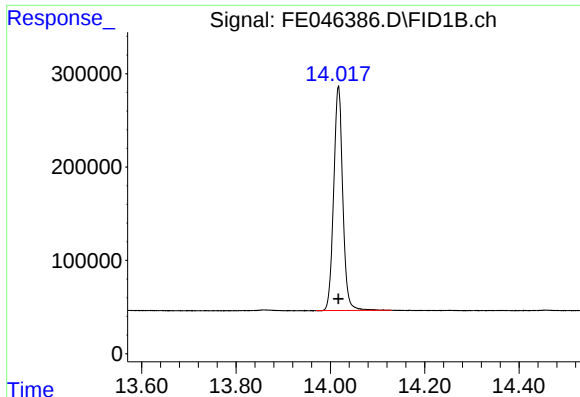
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: 0.000 min
Response: 3234086
Conc: 20.00 ug/ml



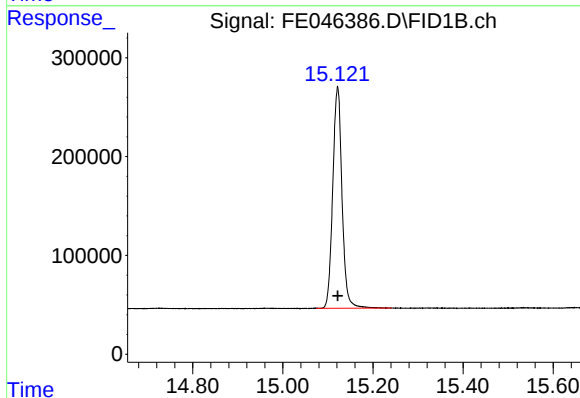
#12 1-chlorooctadecane (SURR)

R.T.: 13.263 min
Delta R.T.: 0.000 min
Response: 2756445
Conc: 20.00 ug/ml



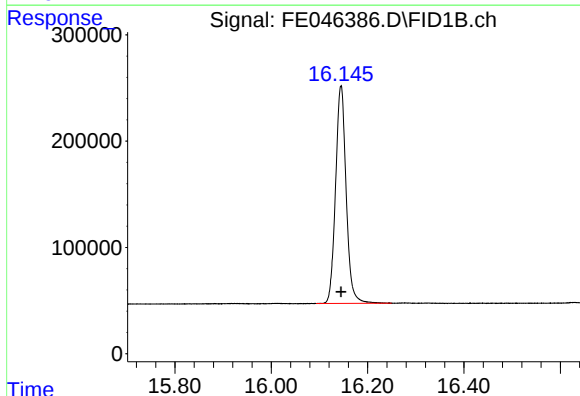
#13 n-Docosane (C22)

R.T.: 14.017 min
Delta R.T.: 0.000 min
Response: 3215114
Conc: 20.00 ug/ml



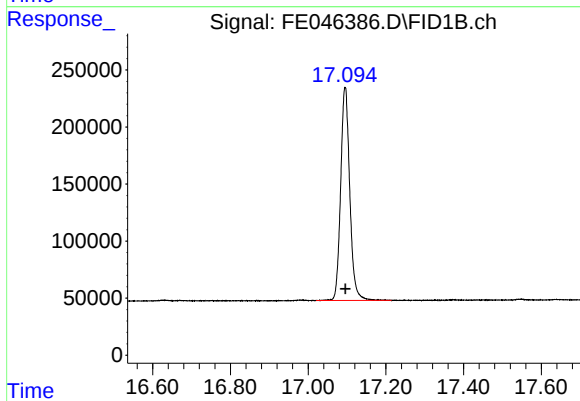
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: 0.000 min
Response: 3202123
Conc: 20.00 ug/ml



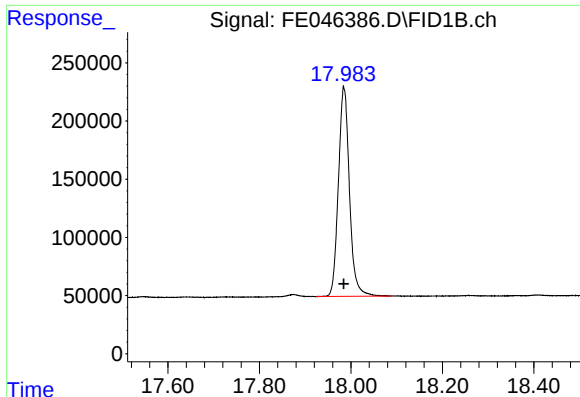
#15 n-Hexacosane (C26)

R.T.: 16.145 min
Delta R.T.: 0.000 min
Response: 3129479
Conc: 20.00 ug/ml



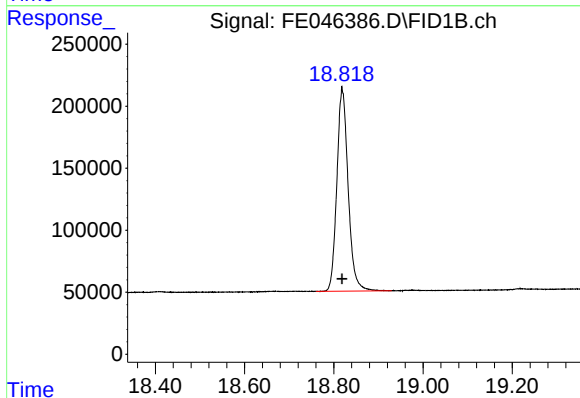
#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: 0.000 min
Response: 3039342
Conc: 20.00 ug/ml



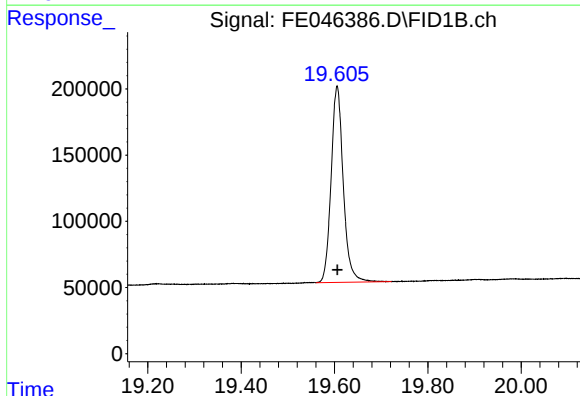
#17 n-Tricontane (C30)

R.T.: 17.985 min
Delta R.T.: 0.000 min
Response: 3016495
Conc: 20.00 ug/ml



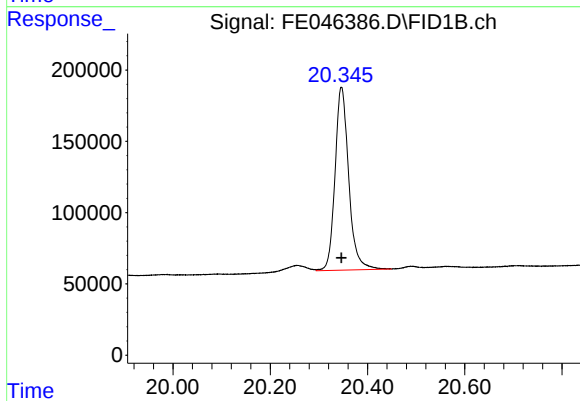
#18 n-Dotriacontane (C32)

R.T.: 18.819 min
Delta R.T.: 0.000 min
Response: 2875979
Conc: 20.00 ug/ml



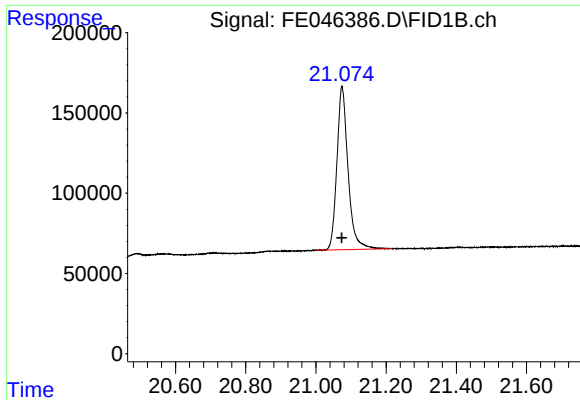
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: 0.000 min
Response: 2681324
Conc: 20.00 ug/ml



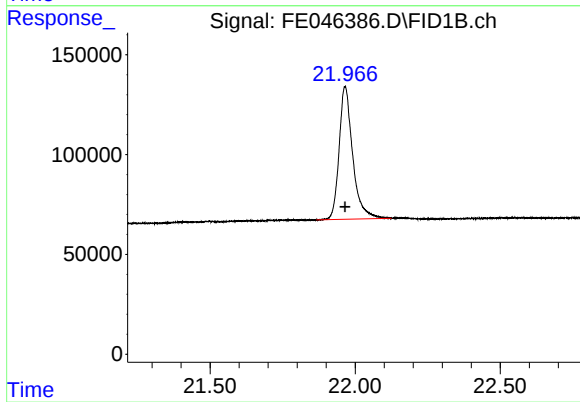
#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: 0.000 min
Response: 2508750
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: 0.000 min
Response: 2245814
Conc: 20.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: 0.000 min
Response: 2163960
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
Data File : FE046386.D
Signal(s) : FID1B.ch
Acq On : 25 Jan 2024 13:31
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.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	3.211	3.181	3.323	BB	297628	3106936	86.68%	4.652%
2	4.460	4.426	4.572	BV	296862	3165462	88.31%	4.739%
3	6.163	6.125	6.366	BB	264060	3356642	93.64%	5.025%
4	6.627	6.596	6.754	BB	293961	3213941	89.66%	4.812%
5	7.260	7.231	7.446	BV	215663	3147616	87.81%	4.713%
6	8.453	8.421	8.577	BB	265075	3178612	88.67%	4.759%
7	10.063	9.974	10.202	BB	265764	3309657	92.33%	4.955%
8	11.506	11.459	11.621	BB	271447	3383352	94.39%	5.065%
9	11.821	11.775	11.948	BB	285192	3584574	100.00%	5.367%
10	12.817	12.784	12.911	VB	260433	3283714	91.61%	4.916%
11	13.263	13.191	13.374	BB	205521	2756445	76.90%	4.127%
12	13.430	13.383	13.526	BB	244298	3234086	90.22%	4.842%
13	14.017	13.970	14.130	BB	240409	3215114	89.69%	4.814%
14	15.122	15.074	15.241	BB	224360	3202123	89.33%	4.794%
15	16.145	16.093	16.250	BB	204186	3129479	87.30%	4.685%
16	17.095	17.021	17.215	BB	186501	3039342	84.79%	4.550%
17	17.985	17.924	18.089	BB	179256	3016495	84.15%	4.516%
18	18.819	18.761	18.930	BB	163461	2875979	80.23%	4.306%
19	19.606	19.561	19.722	BB	148340	2681324	74.80%	4.014%
20	20.346	20.295	20.450	VV	128158	2508750	69.99%	3.756%
21	21.074	21.001	21.216	BB	102015	2245814	62.65%	3.362%
22	21.965	21.891	22.126	BB	66533	2157065	60.18%	3.230%
Sum of corrected areas:						66792521		

Aliphatic EPH 012524.M Thu Jan 25 15:02:20 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
 Data File : FE046387.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2024 14:01
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 14:29:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:29:36 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)	11.820	1733888	9.489 ug/ml
Spiked Amount 50.000		Recovery =	18.98%
12) S 1-chlorooctadecane (S...	13.262	1332534	9.452 ug/ml
Spiked Amount 50.000		Recovery =	18.90%
Target Compounds			
1) T n-Nonane (C9)	3.211	1524154	9.534 ug/ml
2) T n-Decane (C10)	4.460	1546061	9.492 ug/ml
3) T A~Naphthalene (C11.7)	6.166	1564030	9.024 ug/ml
4) T n-Dodecane (C12)	6.626	1554850	9.432 ug/ml
5) T A~2-methylnaphthalene...	7.262	1432438	8.733 ug/ml
6) T n-Tetradecane (C14)	8.453	1527455	9.373 ug/ml
7) T n-Hexadecane (C16)	10.062	1609063	9.488 ug/ml
8) T n-Octadecane (C18)	11.506	1634424	9.465 ug/ml
10) T n-Eicosane (C20)	12.816	1598045	9.545 ug/ml
11) T n-Heneicosane (C21)	13.428	1567793	9.507 ug/ml
13) T n-Docosane (C22)	14.016	1549968	9.462 ug/ml
14) T n-Tetracosane (C24)	15.121	1538499	9.438 ug/ml
15) T n-Hexacosane (C26)	16.143	1513450	9.489 ug/ml
16) T n-Octacosane (C28)	17.095	1469450	9.494 ug/ml
17) T n-Tricontane (C30)	17.984	1477792	9.583 ug/ml
18) T n-Dotriacontane (C32)	18.818	1413276	9.581 ug/ml
19) T n-Tetratriacontane (C34)	19.604	1322529	9.480 ug/ml
20) T n-Hexatriacontane (C36)	20.347	1253331	9.388 ug/ml
21) T n-Octatriacontane (C38)	21.076	1131900	9.063 ug/ml
22) T n-Tetracontane (C40)	21.968	1059725	8.817 ug/ml

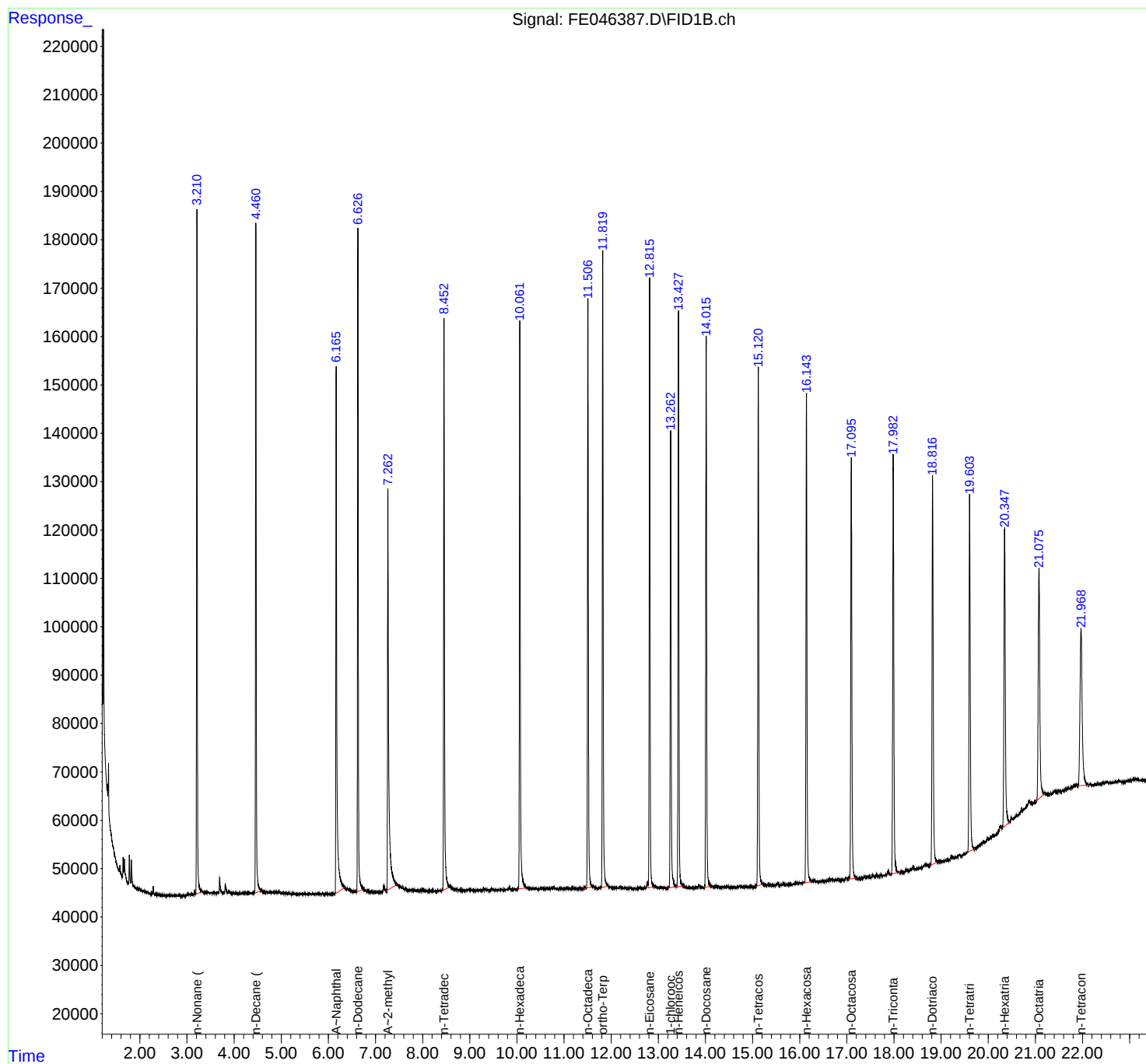
(f)=RT Delta > 1/2 Window

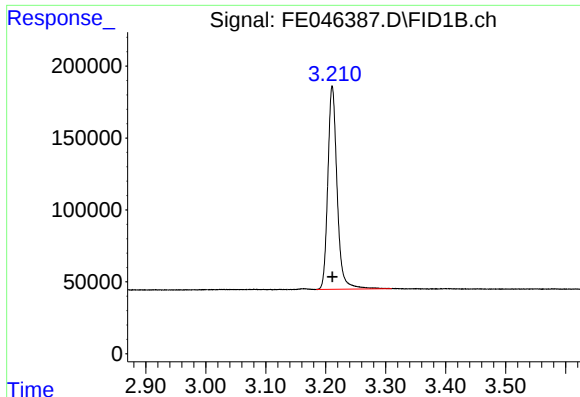
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
Data File : FE046387.D
Signal(s) : FID1B.ch
Acq On : 25 Jan 2024 14:01
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 25 14:29:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 14:29:36 2024
Response via : Initial Calibration
Integrator: ChemStation

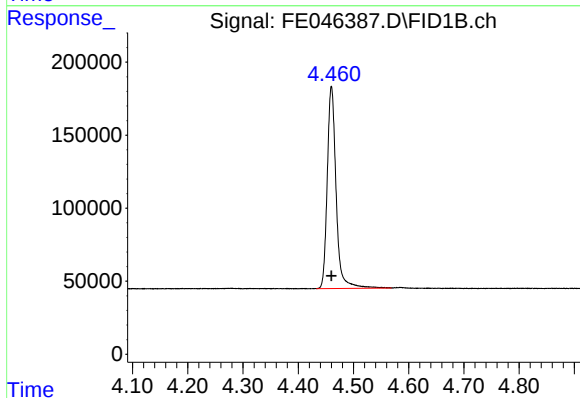
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





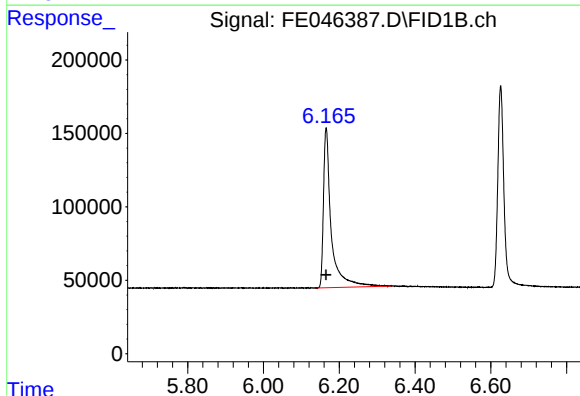
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: 0.000 min
Response: 1524154
Conc: 9.53 ug/ml



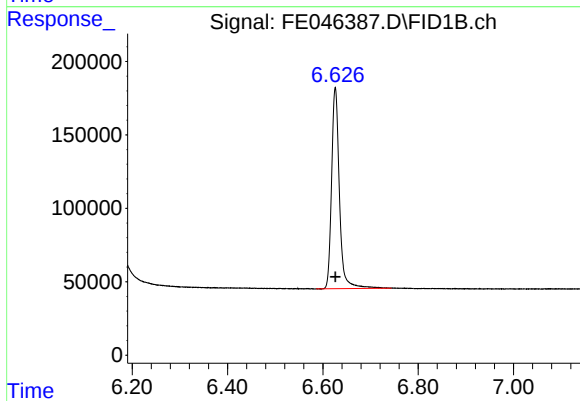
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 1546061
Conc: 9.49 ug/ml



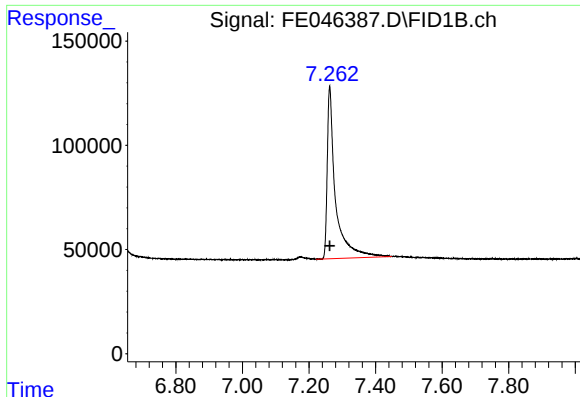
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 1564030
Conc: 9.02 ug/ml



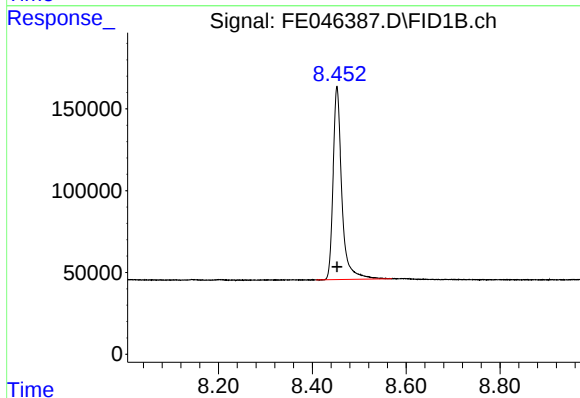
#4 n-Dodecane (C12)

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 1554850
Conc: 9.43 ug/ml



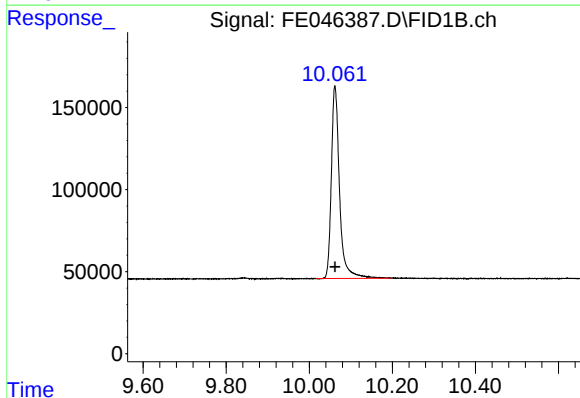
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 1432438
Conc: 8.73 ug/ml



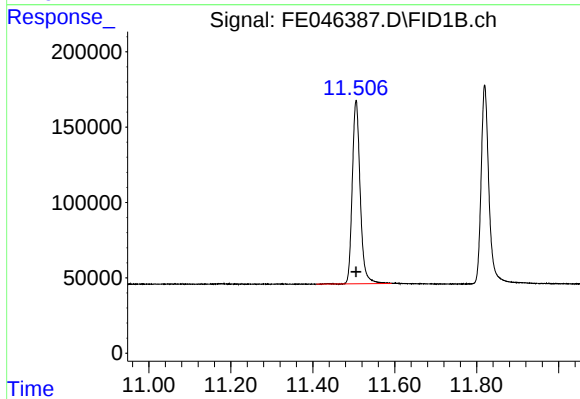
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 1527455
Conc: 9.37 ug/ml



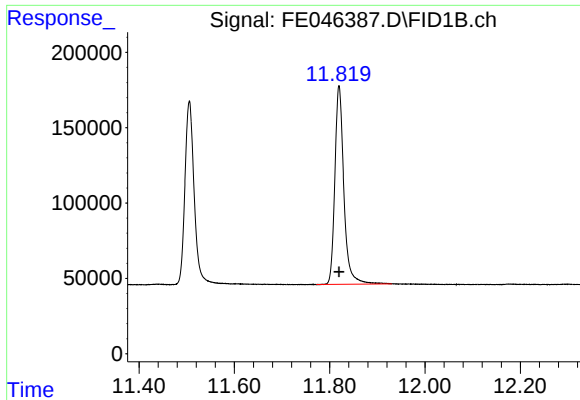
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: 0.000 min
Response: 1609063
Conc: 9.49 ug/ml



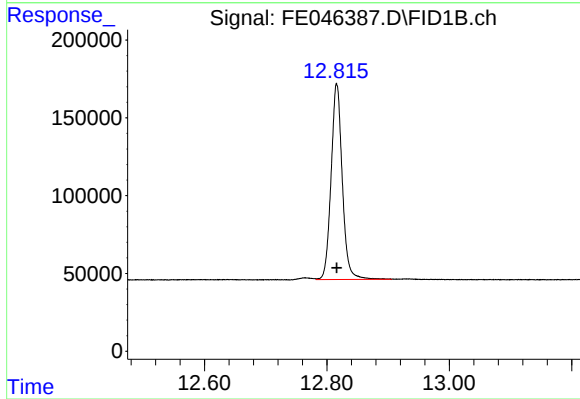
#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 1634424
Conc: 9.46 ug/ml



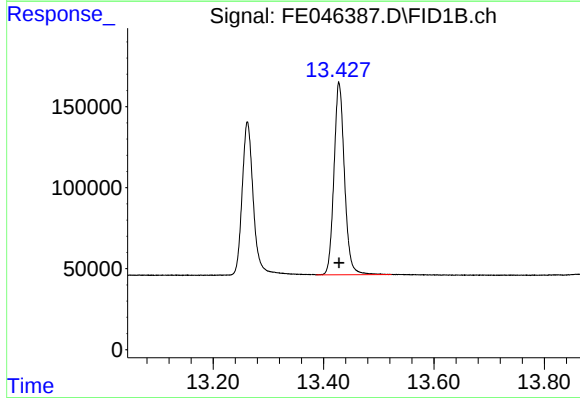
#9 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: 0.000 min
Response: 1733888
Conc: 9.49 ug/ml



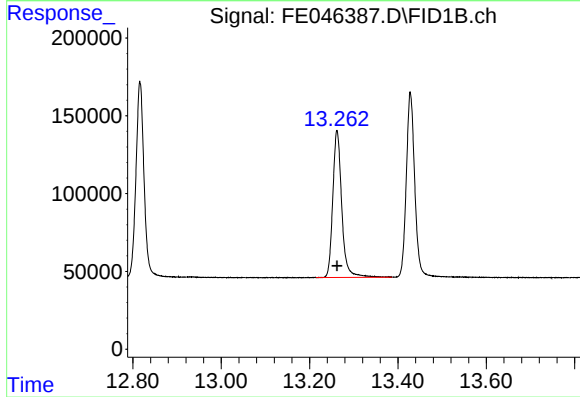
#10 n-Eicosane (C20)

R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 1598045
Conc: 9.55 ug/ml



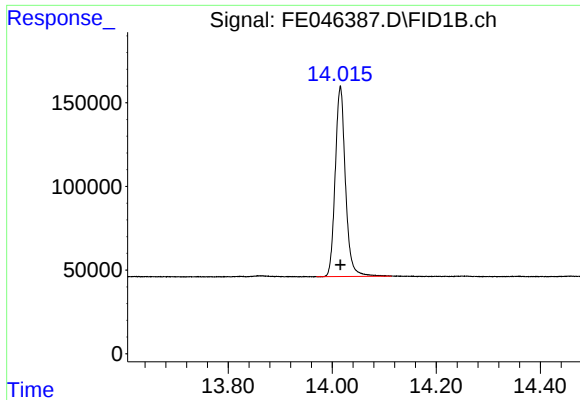
#11 n-Heneicosane (C21)

R.T.: 13.428 min
Delta R.T.: 0.000 min
Response: 1567793
Conc: 9.51 ug/ml



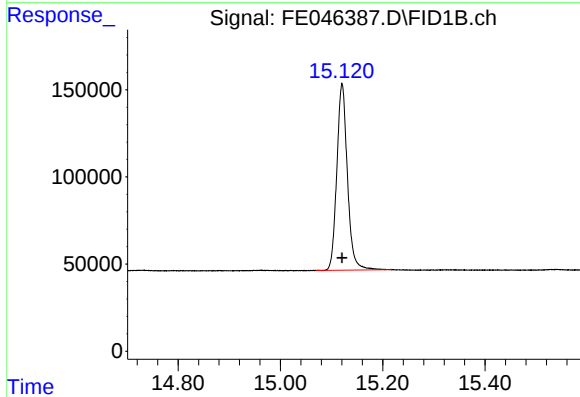
#12 1-chlorooctadecane (SURR)

R.T.: 13.262 min
Delta R.T.: 0.000 min
Response: 1332534
Conc: 9.45 ug/ml



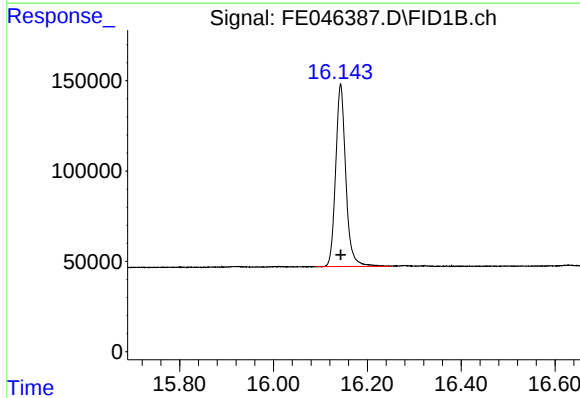
#13 n-Docosane (C22)

R.T.: 14.016 min
Delta R.T.: 0.000 min
Response: 1549968
Conc: 9.46 ug/ml



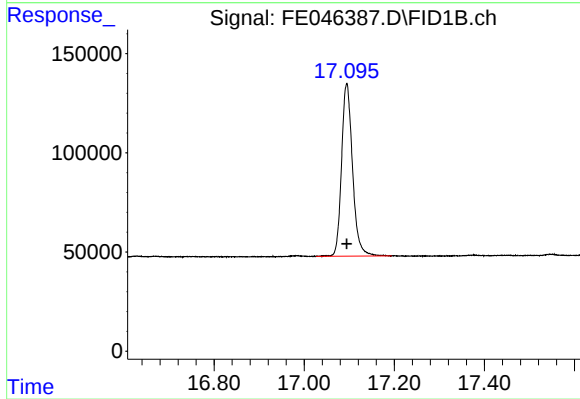
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: 0.000 min
Response: 1538499
Conc: 9.44 ug/ml



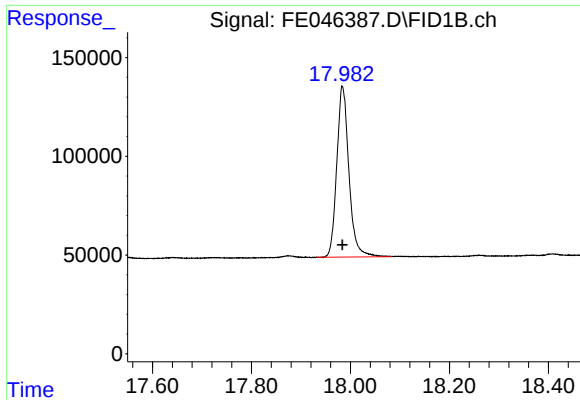
#15 n-Hexacosane (C26)

R.T.: 16.143 min
Delta R.T.: 0.000 min
Response: 1513450
Conc: 9.49 ug/ml



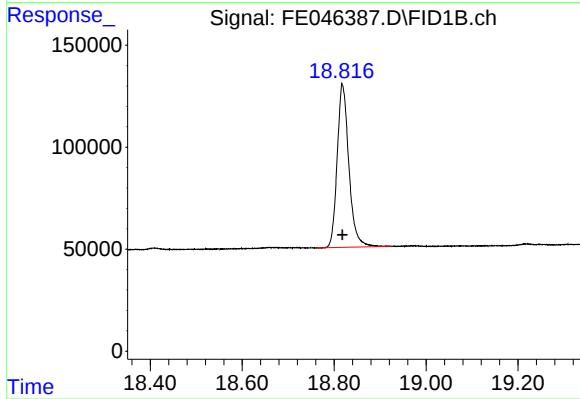
#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: 0.000 min
Response: 1469450
Conc: 9.49 ug/ml



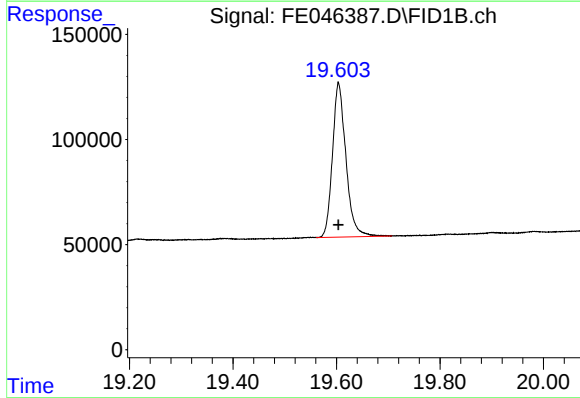
#17 n-Tricontane (C30)

R.T.: 17.984 min
Delta R.T.: 0.000 min
Response: 1477792
Conc: 9.58 ug/ml



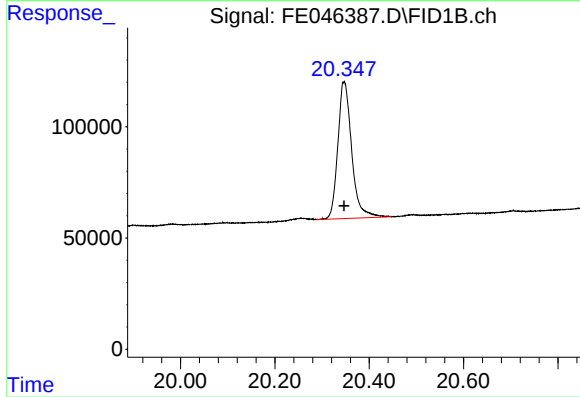
#18 n-Dotriacontane (C32)

R.T.: 18.818 min
Delta R.T.: 0.000 min
Response: 1413276
Conc: 9.58 ug/ml



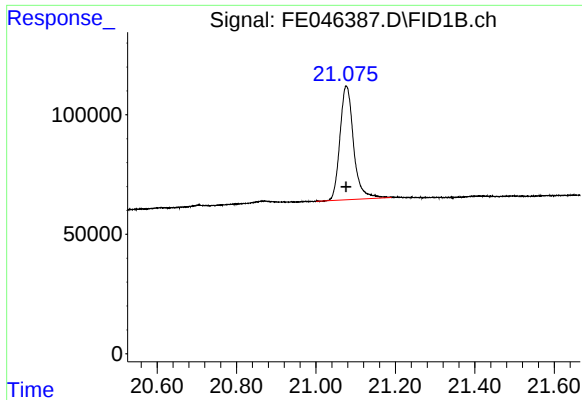
#19 n-Tetratriacontane (C34)

R.T.: 19.604 min
Delta R.T.: 0.000 min
Response: 1322529
Conc: 9.48 ug/ml



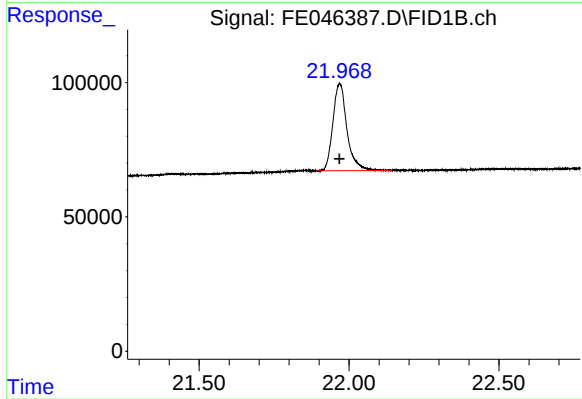
#20 n-Hexatriacontane (C36)

R.T.: 20.347 min
Delta R.T.: 0.000 min
Response: 1253331
Conc: 9.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: 0.000 min
Response: 1131900
Conc: 9.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: 0.000 min
Response: 1059725
Conc: 8.82 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
 Data File : FE046387.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2024 14:01
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.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	3.211	3.184	3.310	BB	141495	1524154	87.90%	4.711%
2	4.460	4.432	4.569	BB	138531	1546061	89.17%	4.778%
3	6.166	6.139	6.338	BB	108887	1564030	90.20%	4.834%
4	6.626	6.586	6.744	BB	136983	1554850	89.67%	4.806%
5	7.262	7.222	7.448	BB	82838	1432438	82.61%	4.427%
6	8.453	8.408	8.569	BB	118145	1527455	88.09%	4.721%
7	10.062	10.017	10.198	BB	117384	1609063	92.80%	4.973%
8	11.506	11.408	11.592	BB	121693	1634424	94.26%	5.052%
9	11.820	11.772	11.930	BB	131759	1733888	100.00%	5.359%
10	12.816	12.782	12.906	VB	125843	1598045	92.17%	4.939%
11	13.262	13.215	13.386	BB	94546	1332534	76.85%	4.119%
12	13.428	13.387	13.523	BB	118363	1567793	90.42%	4.846%
13	14.016	13.969	14.114	BB	113953	1549968	89.39%	4.791%
14	15.121	15.070	15.217	BB	106997	1538499	88.73%	4.755%
15	16.143	16.091	16.252	BB	101187	1513450	87.29%	4.678%
16	17.095	17.027	17.194	BB	87144	1469450	84.75%	4.542%
17	17.984	17.931	18.083	BB	86579	1477792	85.23%	4.567%
18	18.818	18.761	18.925	BB	79746	1413276	81.51%	4.368%
19	19.604	19.561	19.707	BB	73459	1322529	76.28%	4.088%
20	20.347	20.287	20.447	BV	61514	1253331	72.28%	3.874%
21	21.076	21.000	21.190	BV	47684	1131900	65.28%	3.498%
22	21.968	21.890	22.142	BB	32444	1059725	61.12%	3.275%
Sum of corrected areas:						32354654		

Aliphatic EPH 012524.M Thu Jan 25 15:02:51 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
 Data File : FE046388.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2024 14:31
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 14:54:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:54:46 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)	11.820	968152	5.236 ug/ml
Spiked Amount 50.000		Recovery =	10.47%
12) S 1-chlorooctadecane (S...	13.264	737340	5.182 ug/ml
Spiked Amount 50.000		Recovery =	10.36%
Target Compounds			
1) T n-Nonane (C9)	3.212	840721	5.205 ug/ml
2) T n-Decane (C10)	4.461	839534	5.123 ug/ml
3) T A~Naphthalene (C11.7)	6.169	808755	4.730 ug/ml
4) T n-Dodecane (C12)	6.627	838186	5.067 ug/ml
5) T A~2-methylnaphthalene...	7.267	706607	4.430 ug/ml
6) T n-Tetradecane (C14)	8.454	838120	5.114 ug/ml
7) T n-Hexadecane (C16)	10.064	880155	5.151 ug/ml
8) T n-Octadecane (C18)	11.506	904785	5.190 ug/ml
10) T n-Eicosane (C20)	12.817	896276	5.279 ug/ml
11) T n-Heneicosane (C21)	13.429	871649	5.226 ug/ml
13) T n-Docosane (C22)	14.016	865353	5.223 ug/ml
14) T n-Tetracosane (C24)	15.121	864837	5.241 ug/ml
15) T n-Hexacosane (C26)	16.144	845128	5.236 ug/ml
16) T n-Octacosane (C28)	17.095	828964	5.281 ug/ml
17) T n-Tricontane (C30)	17.984	831678	5.310 ug/ml
18) T n-Dotriacontane (C32)	18.819	828762	5.483 ug/ml
19) T n-Tetratriacontane (C34)	19.606	755864	5.329 ug/ml
20) T n-Hexatriacontane (C36)	20.348	775994	5.627 ug/mlm
21) T n-Octatriacontane (C38)	21.076	706910	5.514 ug/ml
22) T n-Tetracontane (C40)	21.965	722144	5.775 ug/ml

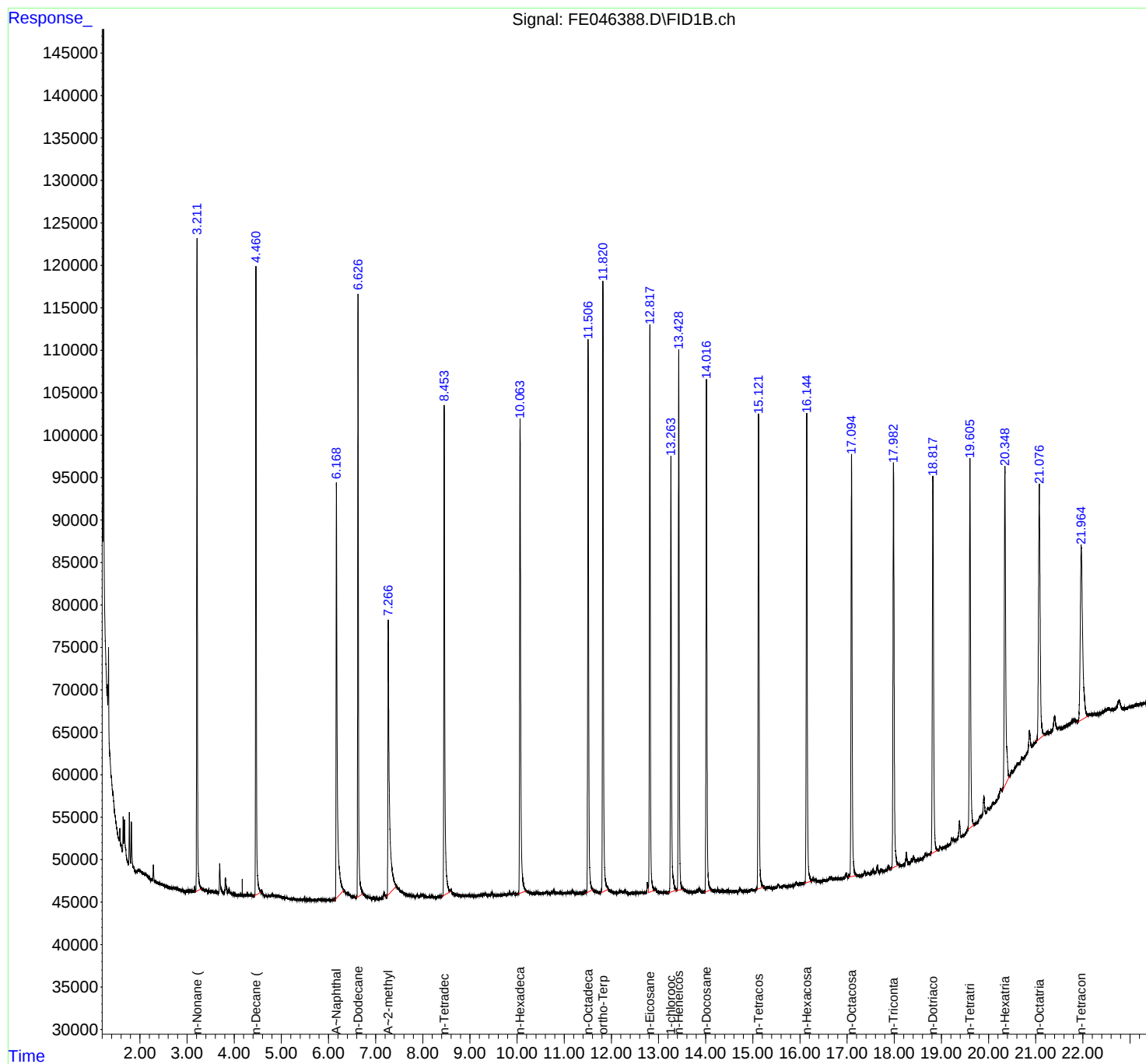
(f)=RT Delta > 1/2 Window

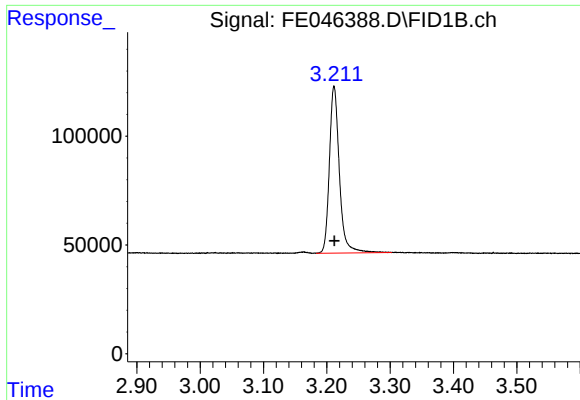
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
Data File : FE046388.D
Signal(s) : FID1B.ch
Acq On : 25 Jan 2024 14:31
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 25 14:54:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 14:54:46 2024
Response via : Initial Calibration
Integrator: ChemStation

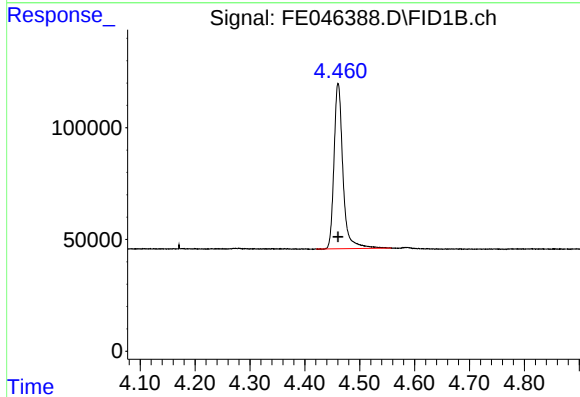
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





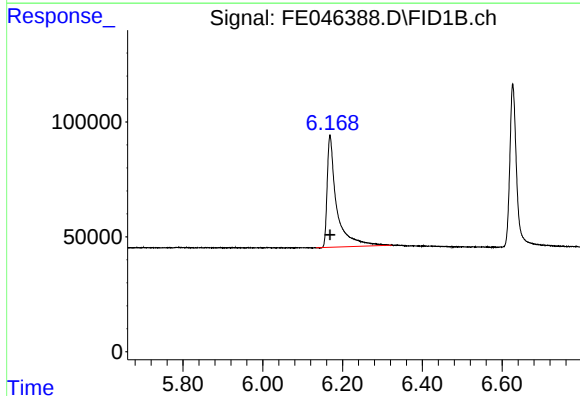
#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: 0.000 min
Response: 840721
Conc: 5.20 ug/ml



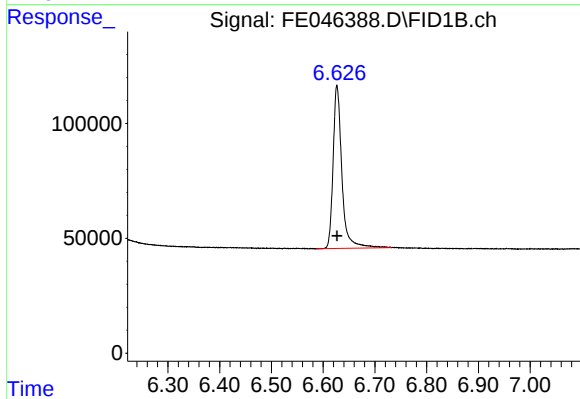
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 839534
Conc: 5.12 ug/ml



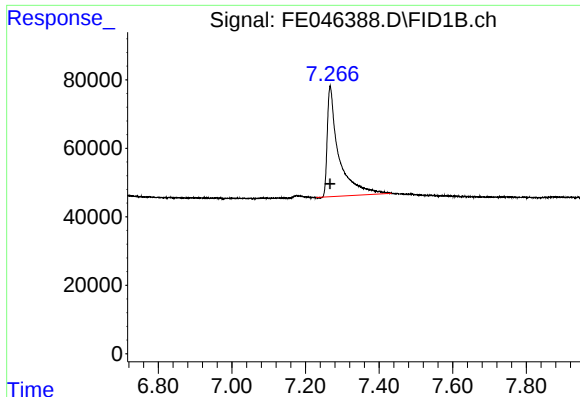
#3 A~Naphthalene (C11.7)

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 808755
Conc: 4.73 ug/ml



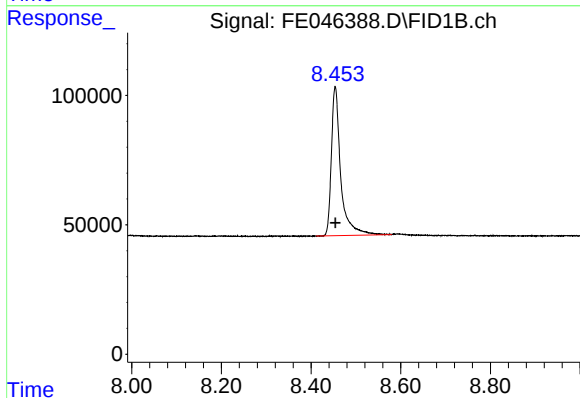
#4 n-Dodecane (C12)

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 838186
Conc: 5.07 ug/ml



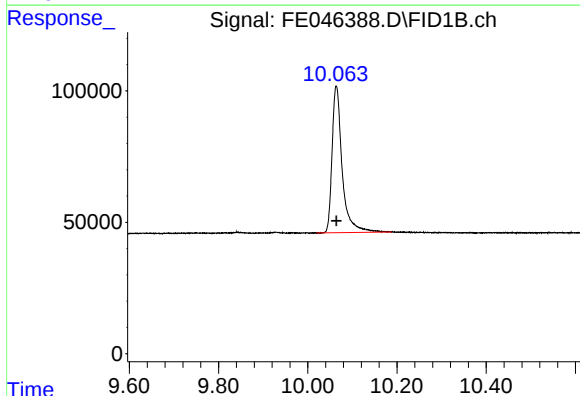
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.267 min
Delta R.T.: 0.000 min
Response: 706607
Conc: 4.43 ug/ml



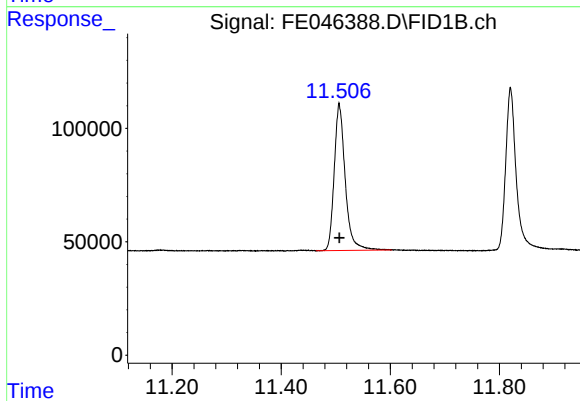
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 838120
Conc: 5.11 ug/ml



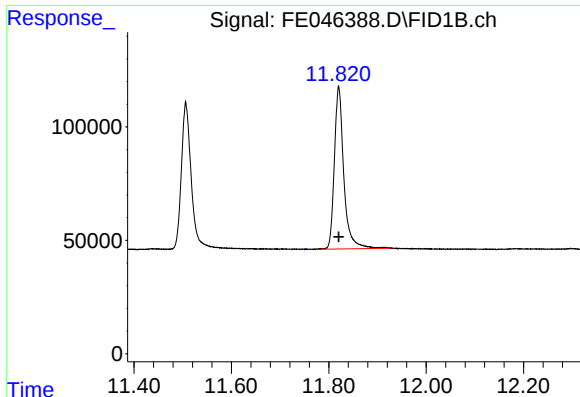
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 880155
Conc: 5.15 ug/ml



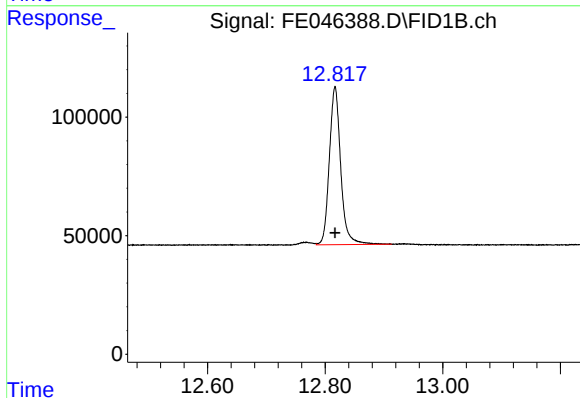
#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 904785
Conc: 5.19 ug/ml



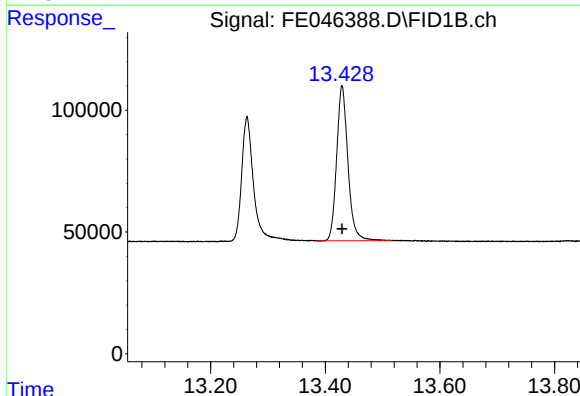
#9 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: 0.000 min
Response: 968152
Conc: 5.24 ug/ml



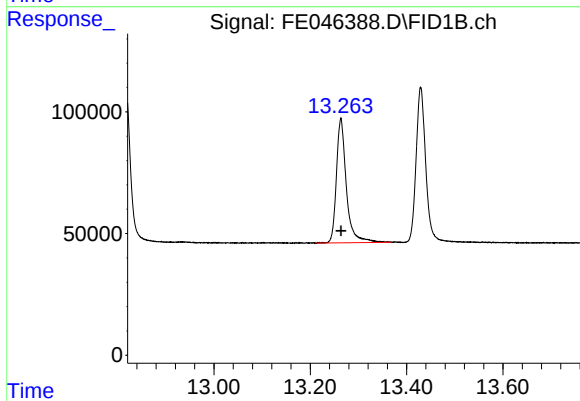
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 896276
Conc: 5.28 ug/ml



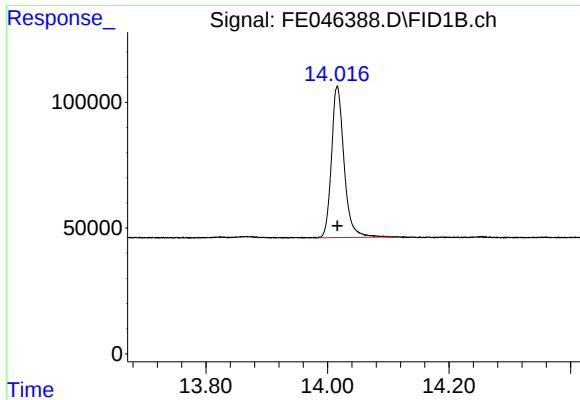
#11 n-Heneicosane (C21)

R.T.: 13.429 min
Delta R.T.: 0.000 min
Response: 871649
Conc: 5.23 ug/ml



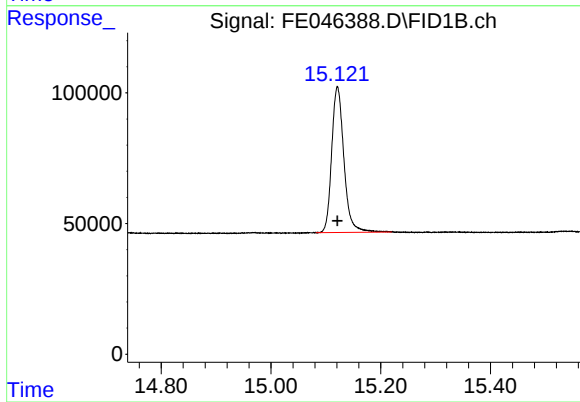
#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 737340
Conc: 5.18 ug/ml



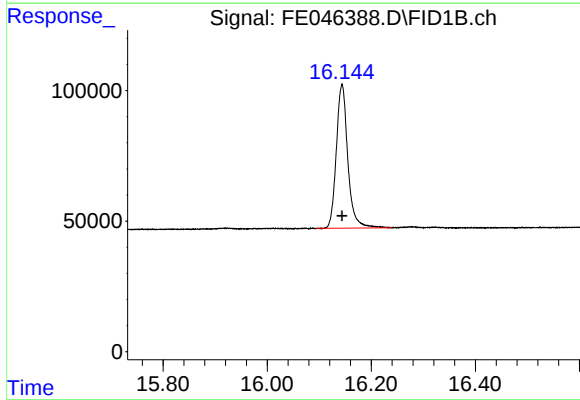
#13 n-Docosane (C22)

R.T.: 14.016 min
Delta R.T.: 0.000 min
Response: 865353
Conc: 5.22 ug/ml



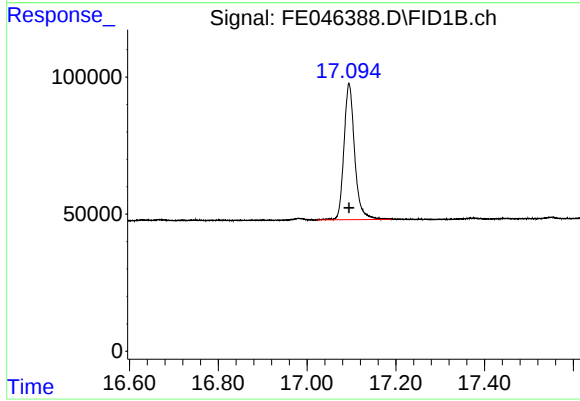
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: 0.000 min
Response: 864837
Conc: 5.24 ug/ml



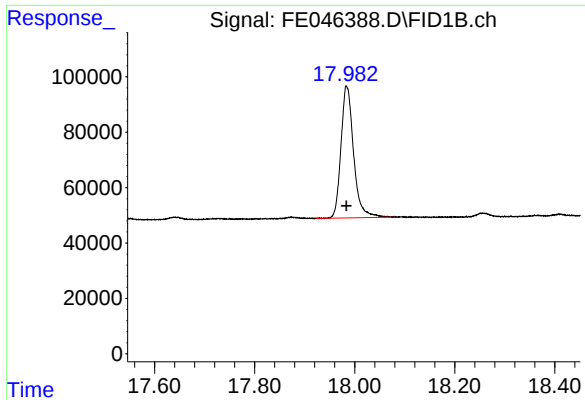
#15 n-Hexacosane (C26)

R.T.: 16.144 min
Delta R.T.: 0.000 min
Response: 845128
Conc: 5.24 ug/ml



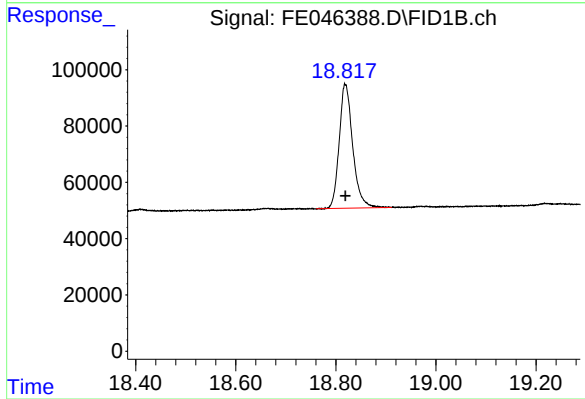
#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: 0.000 min
Response: 828964
Conc: 5.28 ug/ml



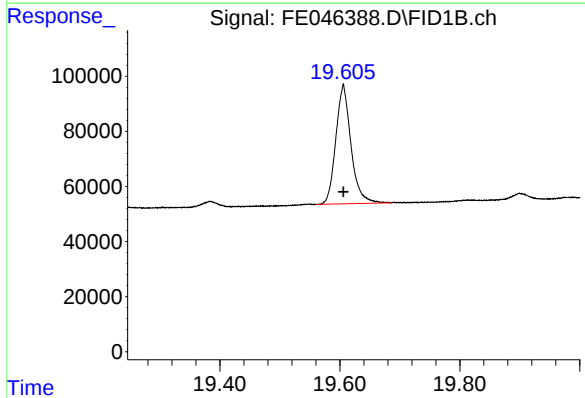
#17 n-Tricontane (C30)

R.T.: 17.984 min
Delta R.T.: 0.000 min
Response: 831678
Conc: 5.31 ug/ml



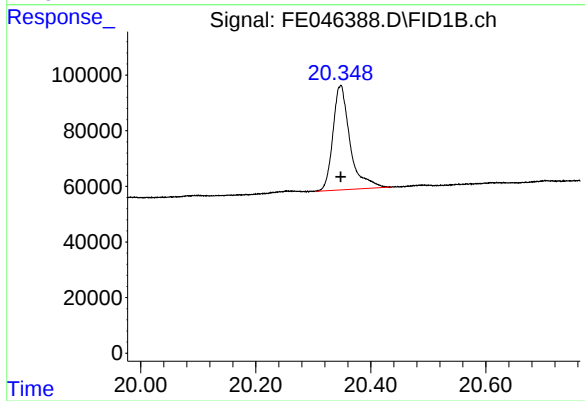
#18 n-Dotriacontane (C32)

R.T.: 18.819 min
Delta R.T.: 0.000 min
Response: 828762
Conc: 5.48 ug/ml



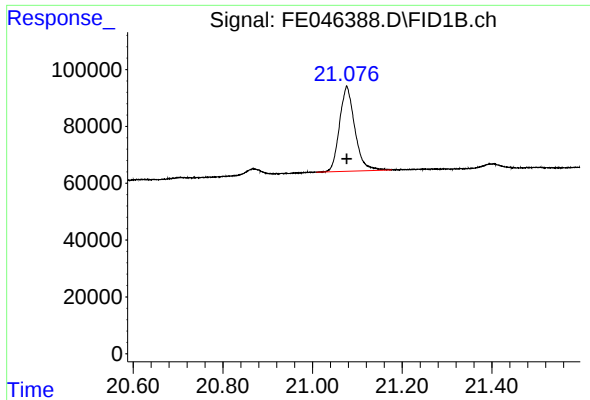
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: 0.000 min
Response: 755864
Conc: 5.33 ug/ml



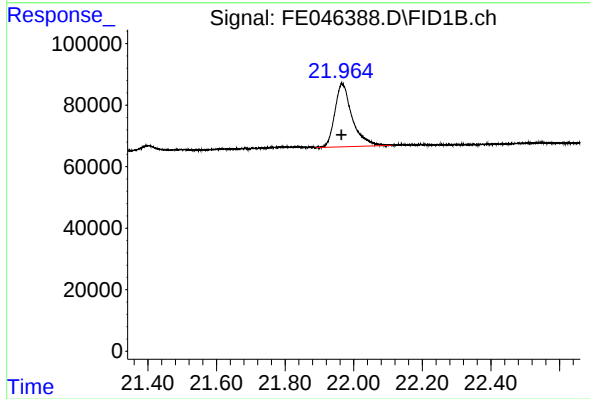
#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: 0.000 min
Response: 775994
Conc: 5.63 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: 0.000 min
Response: 706910
Conc: 5.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: 0.000 min
Response: 722144
Conc: 5.78 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
Data File : FE046388.D
Signal(s) : FID1B.ch
Acq On : 25 Jan 2024 14:31
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.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	3.212	3.183	3.302	BB	76841	840721	86.84%	4.631%
2	4.461	4.421	4.558	BB	73992	839534	86.72%	4.625%
3	6.169	6.134	6.323	BB	48838	808755	83.54%	4.455%
4	6.627	6.586	6.732	BB	70883	838186	86.58%	4.617%
5	7.267	7.229	7.434	BB	32375	706607	72.99%	3.892%
6	8.454	8.411	8.580	BB	57680	838120	86.57%	4.617%
7	10.064	10.019	10.188	BB	55720	880155	90.91%	4.848%
8	11.506	11.464	11.602	BB	64879	904785	93.45%	4.984%
9	11.820	11.774	11.929	BB	71667	968152	100.00%	5.333%
10	12.817	12.785	12.913	VB	66827	896276	92.58%	4.937%
11	13.264	13.212	13.369	BB	51304	737340	76.16%	4.062%
12	13.429	13.384	13.516	BB	63612	871649	90.03%	4.802%
13	14.016	13.981	14.106	BB	60419	865353	89.38%	4.767%
14	15.121	15.082	15.220	BB	55793	864837	89.33%	4.764%
15	16.144	16.094	16.239	BB	55155	845128	87.29%	4.655%
16	17.095	17.021	17.191	BB	49538	828964	85.62%	4.566%
17	17.984	17.923	18.074	BB	47570	831678	85.90%	4.581%
18	18.819	18.761	18.911	BB	43828	828762	85.60%	4.565%
19	19.606	19.561	19.686	BB	43495	755864	78.07%	4.164%
20	20.348	20.301	20.431	BV	37615	773589	79.90%	4.261%
21	21.076	21.008	21.176	BB	30047	706910	73.02%	3.894%
22	21.965	21.891	22.111	BB	20551	722144	74.59%	3.978%
Sum of corrected areas:							18153509	

Aliphatic EPH 012524.M Thu Jan 25 15:04:21 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
 Data File : FE046389.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2024 15:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 15:25:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.820	3582994	19.377 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	13.262	2756346	19.373 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
Target Compounds			
1) T n-Nonane (C9)	3.211	3137881	19.426 ug/ml
2) T n-Decane (C10)	4.460	3180557	19.407 ug/ml
3) T A~Naphthalene (C11.7)	6.163	3367438	19.693 ug/ml
4) T n-Dodecane (C12)	6.627	3233082	19.546 ug/ml
5) T A~2-methylnaphthalene...	7.260	3146039	19.726 ug/ml
6) T n-Tetradecane (C14)	8.453	3186632	19.443 ug/ml
7) T n-Hexadecane (C16)	10.062	3309630	19.368 ug/ml
8) T n-Octadecane (C18)	11.506	3389772	19.444 ug/ml
10) T n-Eicosane (C20)	12.817	3288411	19.368 ug/ml
11) T n-Heneicosane (C21)	13.429	3237642	19.411 ug/ml
13) T n-Docosane (C22)	14.016	3225789	19.472 ug/ml
14) T n-Tetracosane (C24)	15.122	3222629	19.531 ug/ml
15) T n-Hexacosane (C26)	16.142	3162403	19.593 ug/ml
16) T n-Octacosane (C28)	17.095	3084436	19.648 ug/ml
17) T n-Tricontane (C30)	17.985	3067938	19.587 ug/ml
18) T n-Dotriacontane (C32)	18.819	2943536	19.473 ug/ml
19) T n-Tetratriacontane (C34)	19.604	2752213	19.404 ug/ml
20) T n-Hexatriacontane (C36)	20.348	2524242	18.313 ug/ml
21) T n-Octatriacontane (C38)	21.074	2361717	18.423 ug/ml
22) T n-Tetracontane (C40)	21.965	2179093	17.428 ug/ml

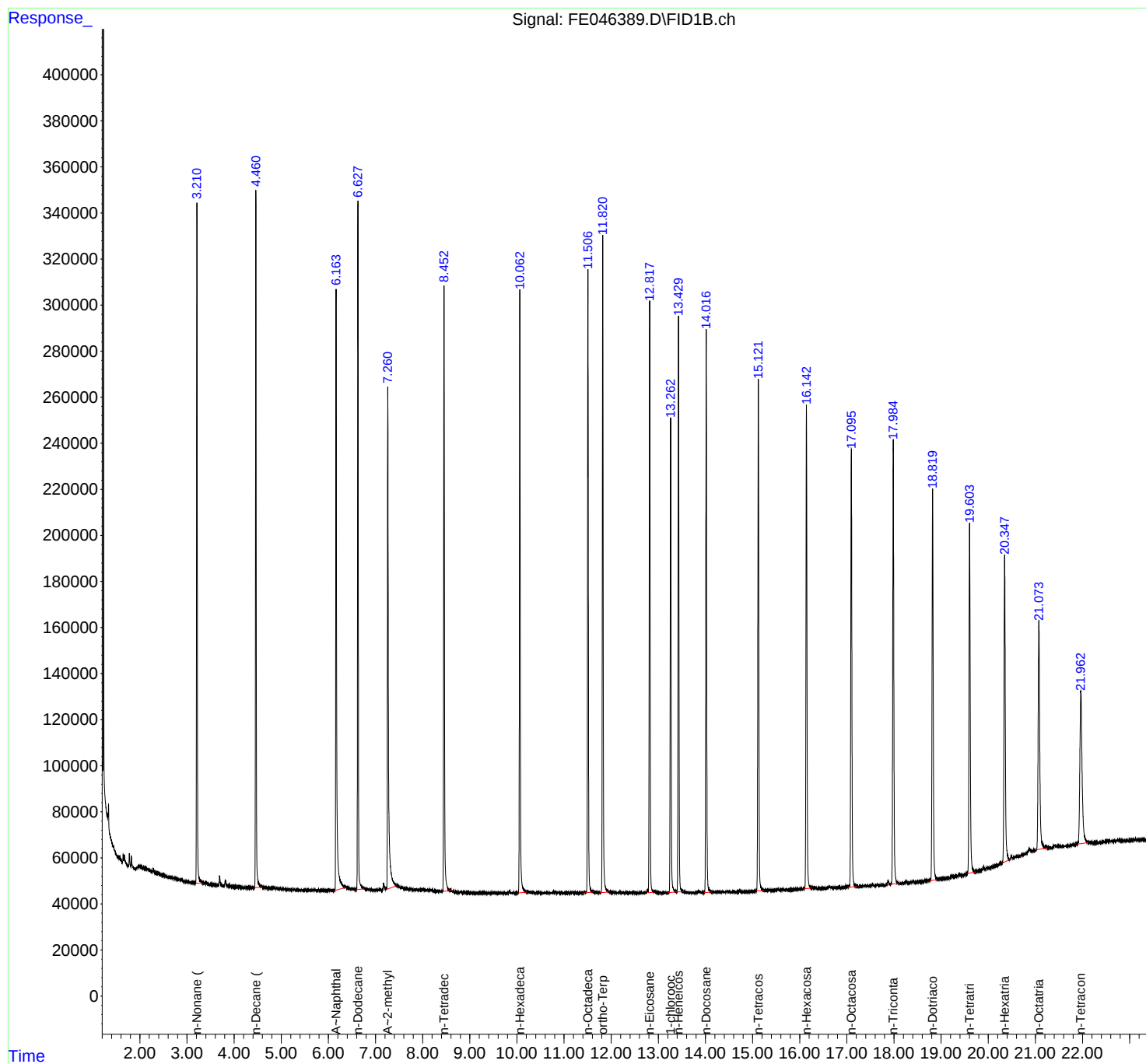
(f)=RT Delta > 1/2 Window

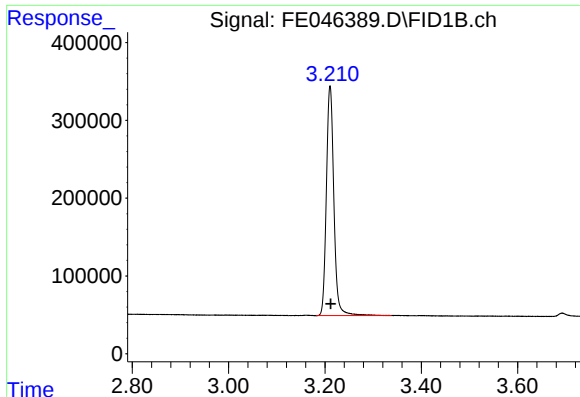
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
Data File : FE046389.D
Signal(s) : FID1B.ch
Acq On : 25 Jan 2024 15:01
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 25 15:25:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 14:56:03 2024
Response via : Initial Calibration
Integrator: ChemStation

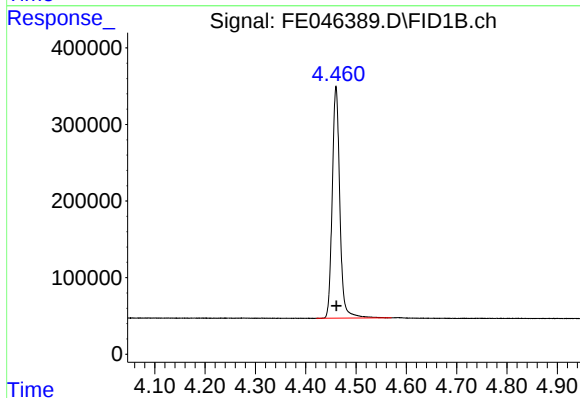
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





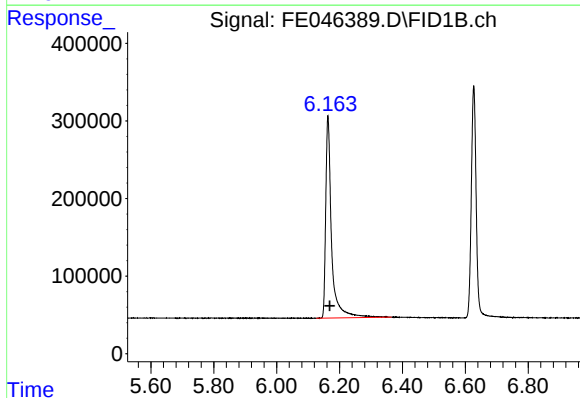
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: -0.001 min
Response: 3137881
Conc: 19.43 ug/ml



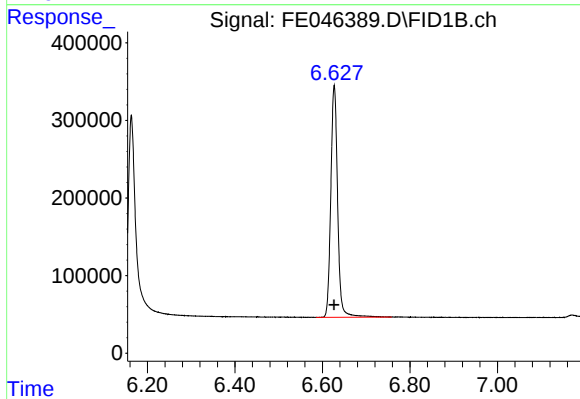
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 3180557
Conc: 19.41 ug/ml



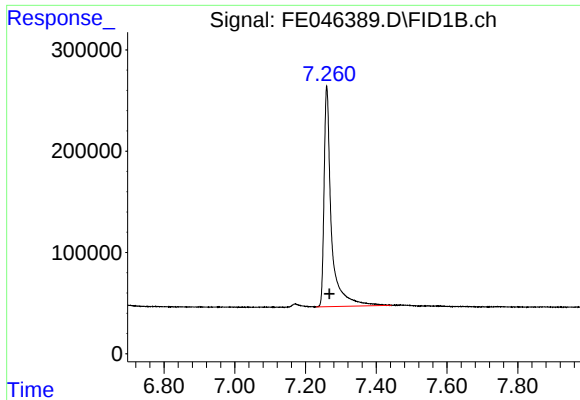
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.005 min
Response: 3367438
Conc: 19.69 ug/ml



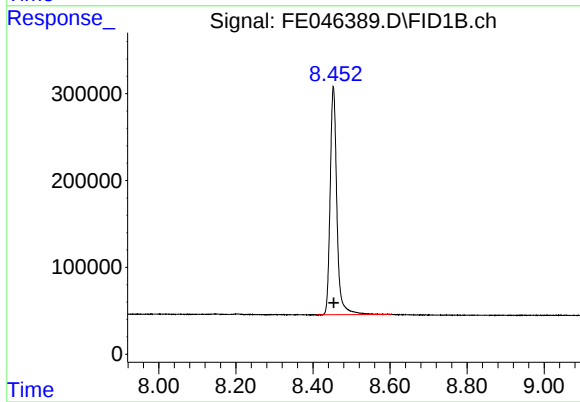
#4 n-Dodecane (C12)

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 3233082
Conc: 19.55 ug/ml



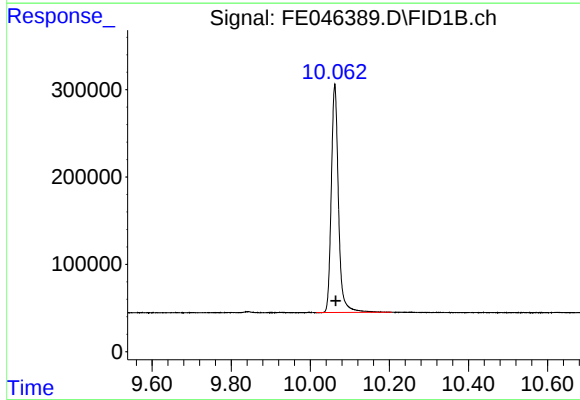
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: -0.007 min
Response: 3146039
Conc: 19.73 ug/ml



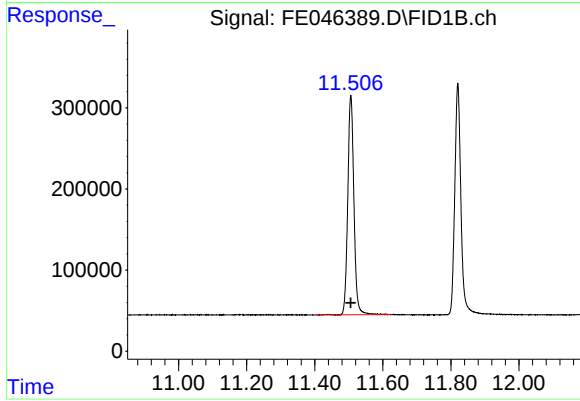
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 3186632
Conc: 19.44 ug/ml



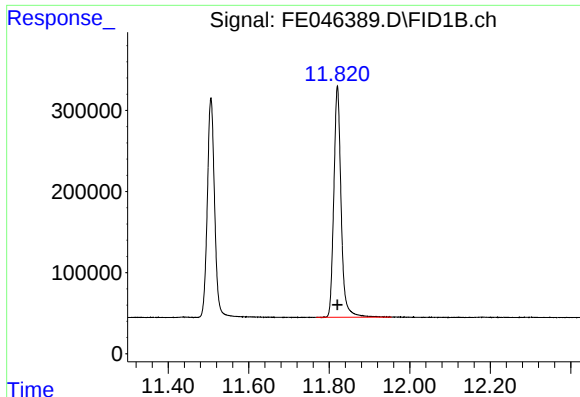
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.002 min
Response: 3309630
Conc: 19.37 ug/ml



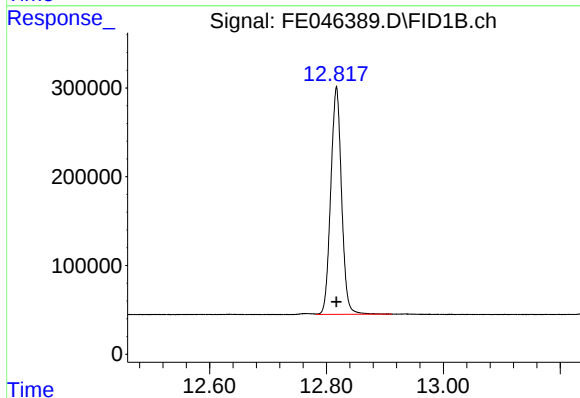
#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 3389772
Conc: 19.44 ug/ml



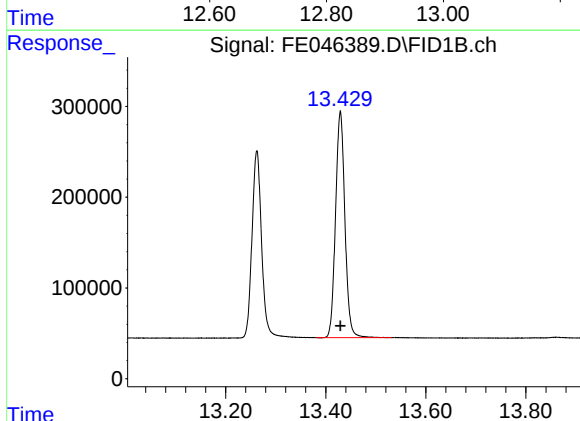
#9 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: 0.000 min
Response: 3582994
Conc: 19.38 ug/ml



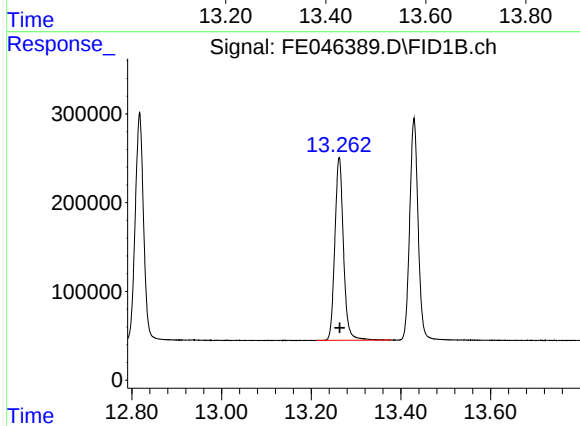
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 3288411
Conc: 19.37 ug/ml



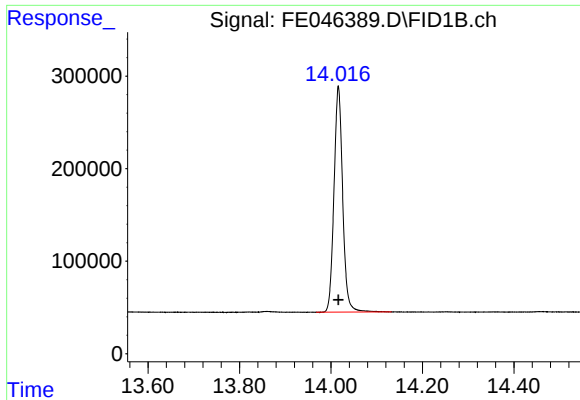
#11 n-Heneicosane (C21)

R.T.: 13.429 min
Delta R.T.: 0.000 min
Response: 3237642
Conc: 19.41 ug/ml



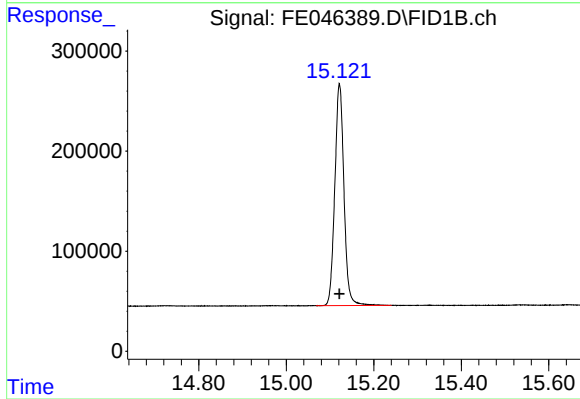
#12 1-chlorooctadecane (SURR)

R.T.: 13.262 min
Delta R.T.: -0.001 min
Response: 2756346
Conc: 19.37 ug/ml



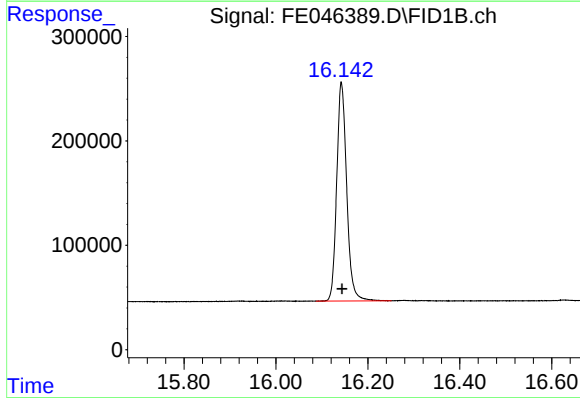
#13 n-Docosane (C22)

R.T.: 14.016 min
Delta R.T.: 0.000 min
Response: 3225789
Conc: 19.47 ug/ml



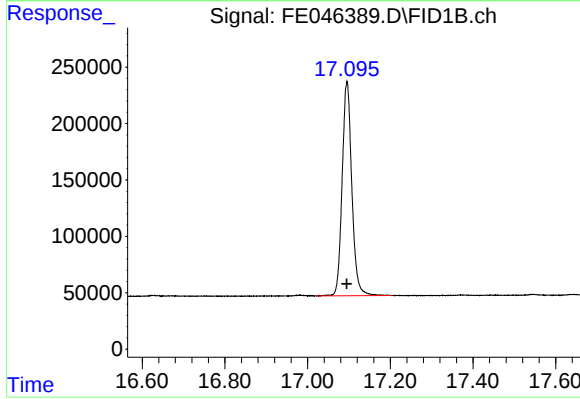
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: 0.000 min
Response: 3222629
Conc: 19.53 ug/ml



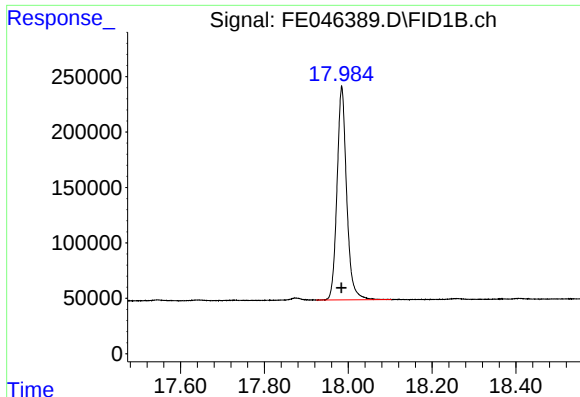
#15 n-Hexacosane (C26)

R.T.: 16.142 min
Delta R.T.: -0.002 min
Response: 3162403
Conc: 19.59 ug/ml



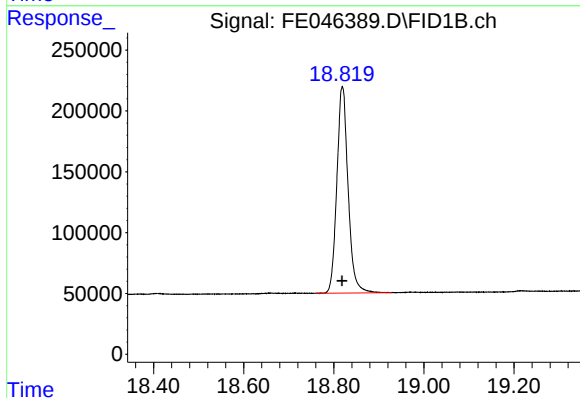
#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: 0.000 min
Response: 3084436
Conc: 19.65 ug/ml



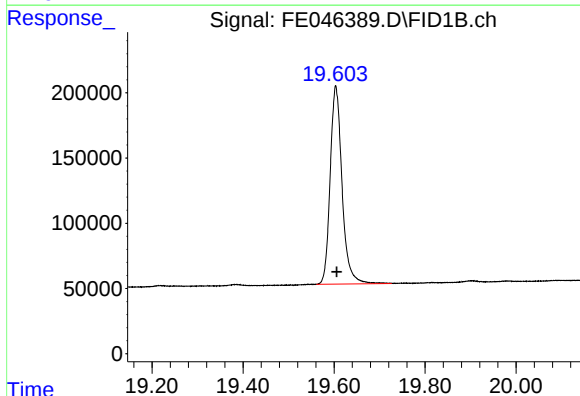
#17 n-Tricontane (C30)

R.T.: 17.985 min
Delta R.T.: 0.000 min
Response: 3067938
Conc: 19.59 ug/ml



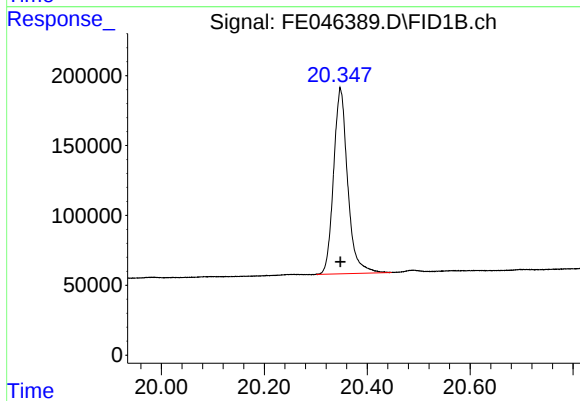
#18 n-Dotriacontane (C32)

R.T.: 18.819 min
Delta R.T.: 0.000 min
Response: 2943536
Conc: 19.47 ug/ml



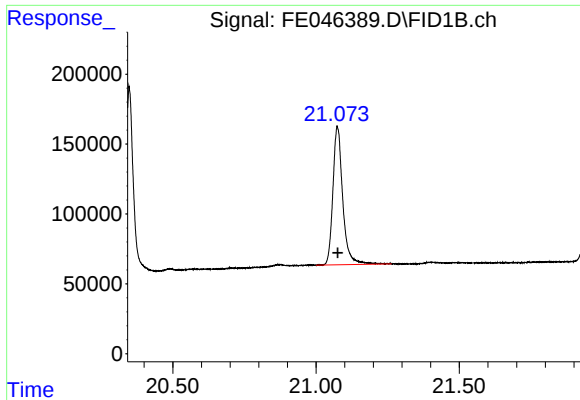
#19 n-Tetratriacontane (C34)

R.T.: 19.604 min
Delta R.T.: -0.002 min
Response: 2752213
Conc: 19.40 ug/ml



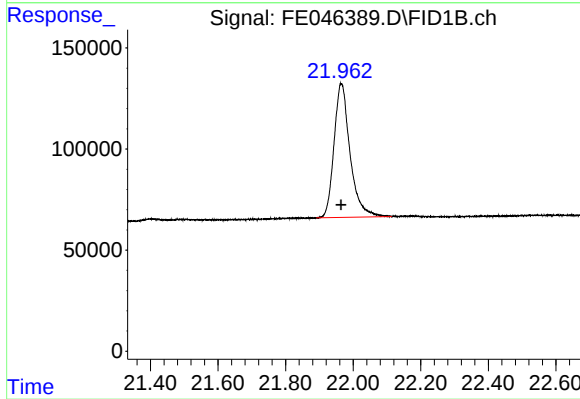
#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: 0.000 min
Response: 2524242
Conc: 18.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.003 min
Response: 2361717
Conc: 18.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: 0.000 min
Response: 2179093
Conc: 17.43 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
Data File : FE046389.D
Signal(s) : FID1B.ch
Acq On : 25 Jan 2024 15:01
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.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	3.211	3.182	3.338	BB	294957	3137881	87.58%	4.660%
2	4.460	4.421	4.571	BV	302587	3180557	88.77%	4.723%
3	6.163	6.126	6.366	BB	260616	3367438	93.98%	5.001%
4	6.627	6.586	6.758	BB	298832	3233082	90.23%	4.801%
5	7.260	7.230	7.443	PV	217763	3146039	87.80%	4.672%
6	8.453	8.408	8.604	BB	262357	3186632	88.94%	4.732%
7	10.062	10.015	10.206	BB	262132	3309630	92.37%	4.915%
8	11.506	11.404	11.626	BB	270473	3389772	94.61%	5.034%
9	11.820	11.767	11.955	BB	285673	3582994	100.00%	5.321%
10	12.817	12.782	12.912	VB	256826	3288411	91.78%	4.883%
11	13.262	13.211	13.379	BB	206190	2756346	76.93%	4.093%
12	13.429	13.381	13.532	BB	249689	3237642	90.36%	4.808%
13	14.016	13.967	14.132	BB	243724	3225789	90.03%	4.790%
14	15.122	15.068	15.241	BB	221802	3222629	89.94%	4.786%
15	16.142	16.087	16.252	BB	209565	3162403	88.26%	4.696%
16	17.095	17.021	17.203	BB	189950	3084436	86.09%	4.580%
17	17.985	17.923	18.103	BB	192493	3067938	85.62%	4.556%
18	18.819	18.761	18.928	BB	169971	2943536	82.15%	4.371%
19	19.604	19.561	19.727	BB	152003	2752213	76.81%	4.087%
20	20.348	20.301	20.447	BV	132291	2524242	70.45%	3.748%
21	21.074	21.000	21.264	BB	99287	2361717	65.91%	3.507%
22	21.965	21.890	22.114	BV	66217	2179093	60.82%	3.236%
Sum of corrected areas:						67340420		

Aliphatic EPH 012524.M Thu Jan 25 15:28:20 2024