

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072924AL\
 Data File : FF014309.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jul 2024 17:55
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 30 05:47:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:47:26 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	6882314	48.940 ug/ml
Spiked Amount 50.000		Recovery =	97.88%
12) S 1-chlorooctadecane (S...	13.266	4799307	51.052 ug/ml
Spiked Amount 50.000		Recovery =	102.10%
Target Compounds			
1) T n-Nonane (C9)	3.222	6316951	48.998 ug/ml
2) T n-Decane (C10)	4.472	6448165	49.305 ug/ml
3) T A~Naphthalene (C11.7)	6.166	6538202	51.067 ug/ml
4) T n-Dodecane (C12)	6.637	6506033	49.297 ug/ml
5) T A~2-methylnaphthalene...	7.261	6140472	52.490 ug/ml
6) T n-Tetradecane (C14)	8.464	6387139	49.647 ug/ml
7) T n-Hexadecane (C16)	10.070	6533839	50.390 ug/ml
8) T n-Octadecane (C18)	11.514	6594277	49.937 ug/ml
10) T n-Eicosane (C20)	12.823	6223635	49.548 ug/ml
11) T n-Heneicosane (C21)	13.435	6076695	49.538 ug/ml
13) T n-Docosane (C22)	14.022	5961493	49.743 ug/ml
14) T n-Tetracosane (C24)	15.125	5815383	49.695 ug/ml
15) T n-Hexacosane (C26)	16.146	5597583	49.555 ug/ml
16) T n-Octacosane (C28)	17.097	5388863	49.042 ug/ml
17) T n-Tricontane (C30)	17.985	5345711	48.254 ug/ml
18) T n-Dotriacontane (C32)	18.817	5075162	46.904 ug/ml
19) T n-Tetratriacontane (C34)	19.600	4618646	45.860 ug/ml
20) T n-Hexatriacontane (C36)	20.341	3945300	45.300 ug/ml
21) T n-Octatriacontane (C38)	21.062	3054052	45.336 ug/ml
22) T n-Tetracontane (C40)	21.939	1959001	45.639 ug/ml

(f)=RT Delta > 1/2 Window

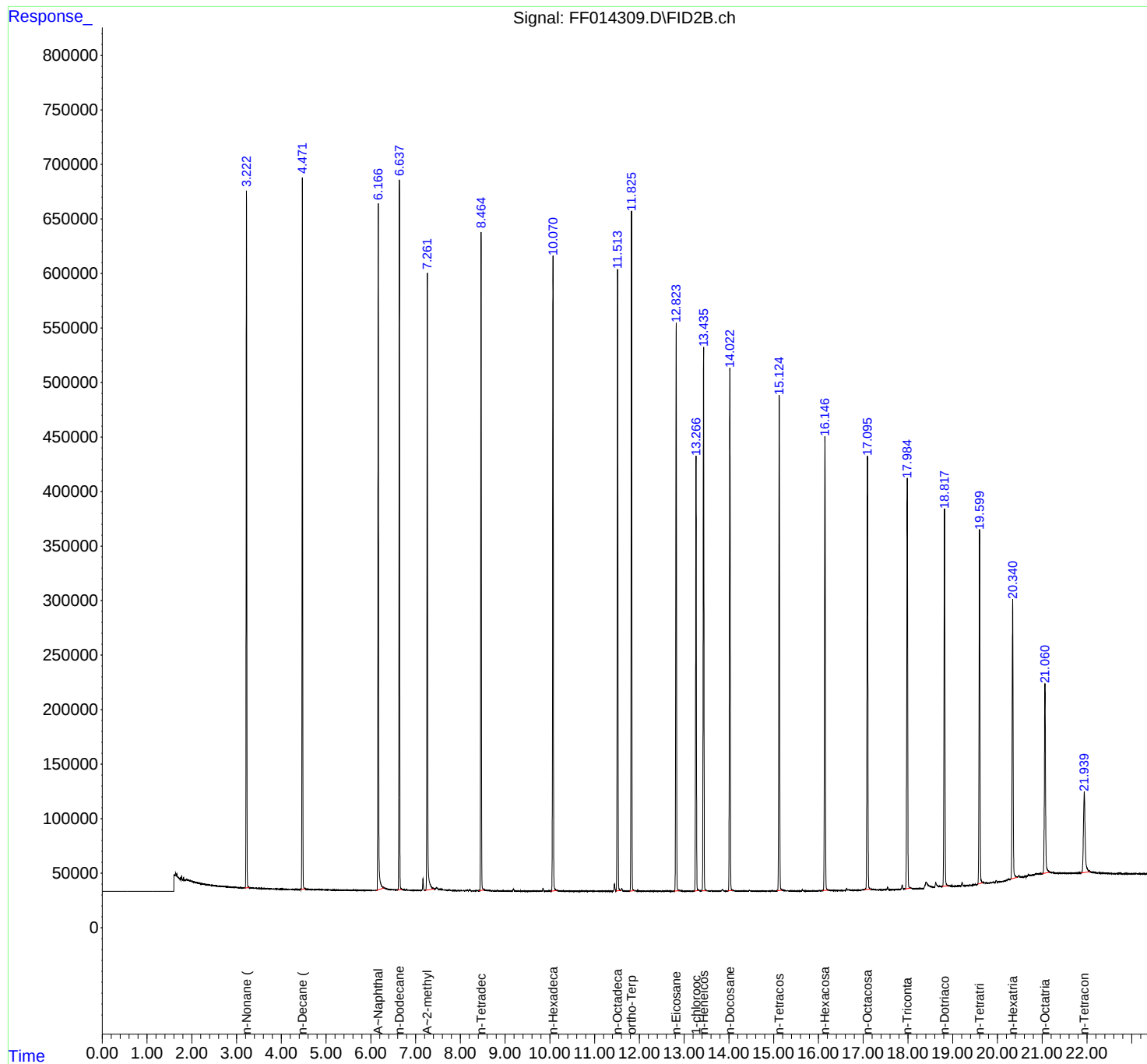
(m)=manual int.

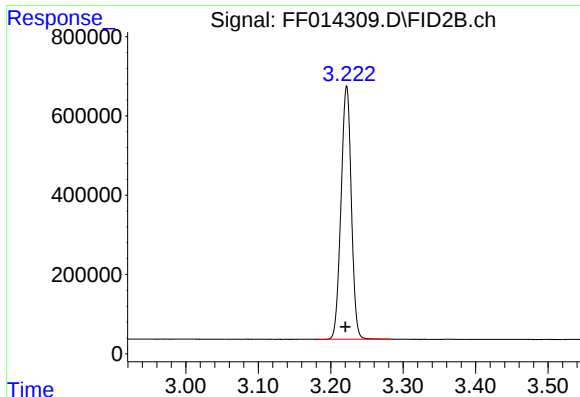
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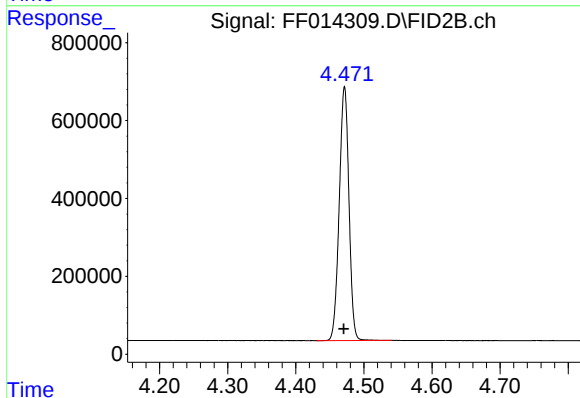




#1 n-Nonane (C9)

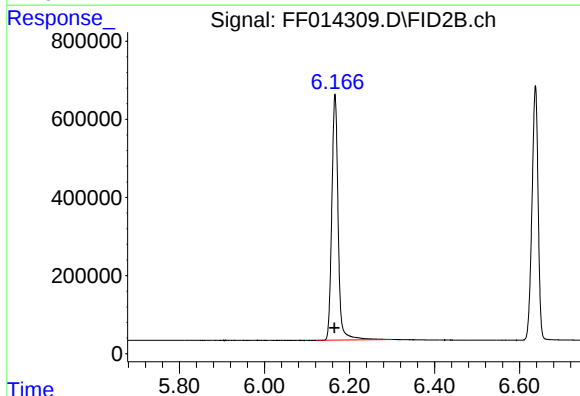
R.T.: 3.222 min
Delta R.T.: 0.002 min
Response: 6316951
Conc: 49.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



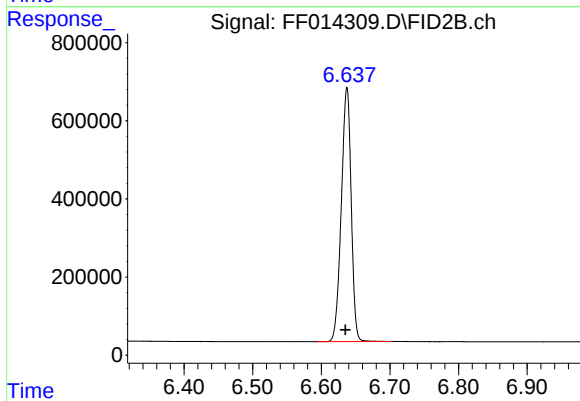
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.001 min
Response: 6448165
Conc: 49.31 ug/ml



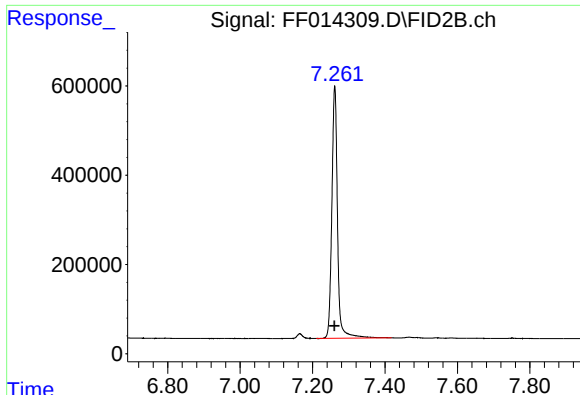
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: 0.001 min
Response: 6538202
Conc: 51.07 ug/ml



#4 n-Dodecane (C12)

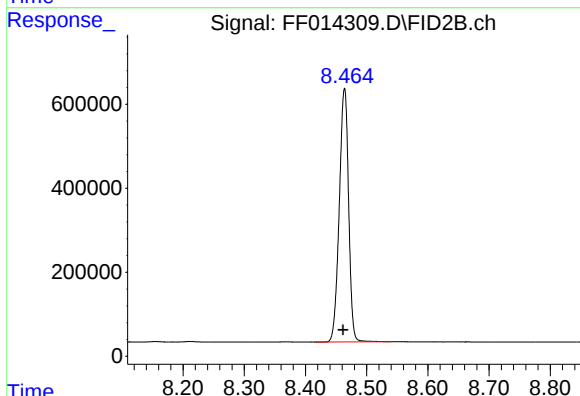
R.T.: 6.637 min
Delta R.T.: 0.002 min
Response: 6506033
Conc: 49.30 ug/ml



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

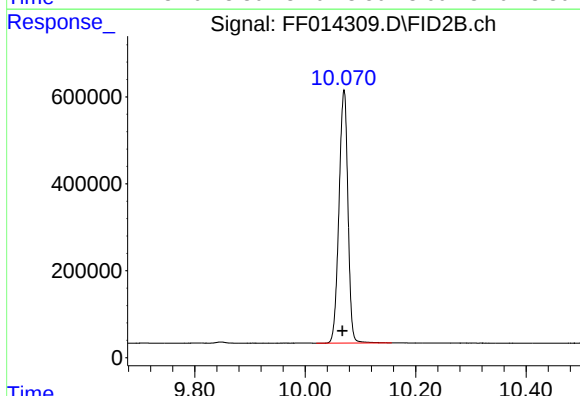
R.T.: 7.261 min
Delta R.T.: 0.001 min
Response: 6140472
Conc: 52.49 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



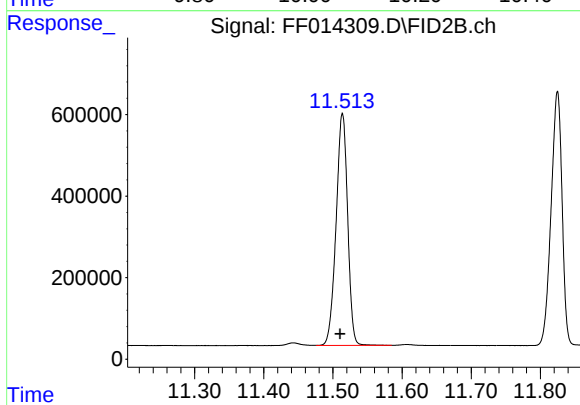
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: 0.002 min
Response: 6387139
Conc: 49.65 ug/ml



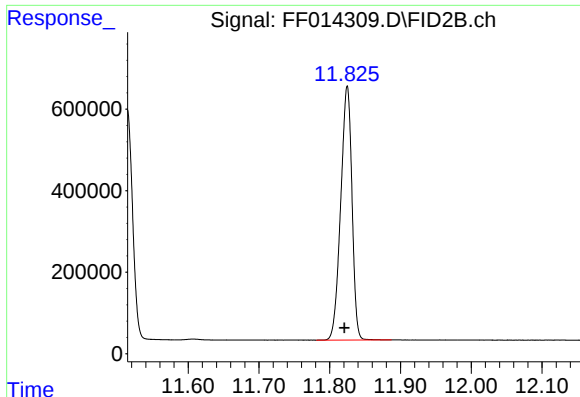
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: 0.003 min
Response: 6533839
Conc: 50.39 ug/ml



#8 n-Octadecane (C18)

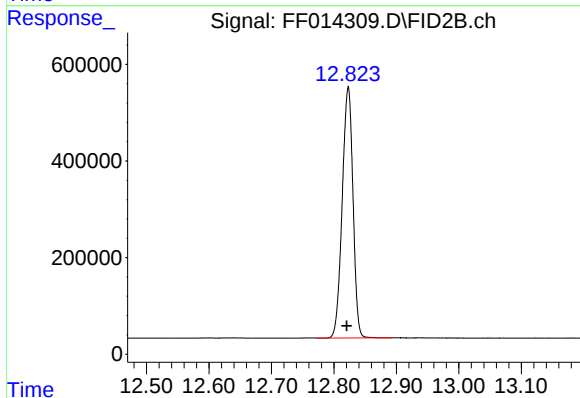
R.T.: 11.514 min
Delta R.T.: 0.004 min
Response: 6594277
Conc: 49.94 ug/ml



#9 ortho-Terphenyl (SURR)

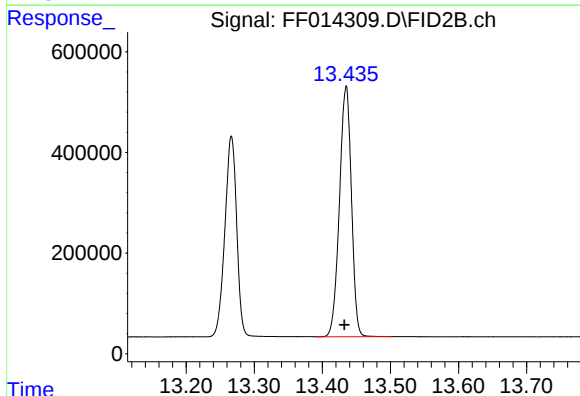
R.T.: 11.825 min
Delta R.T.: 0.004 min
Response: 6882314
Conc: 48.94 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



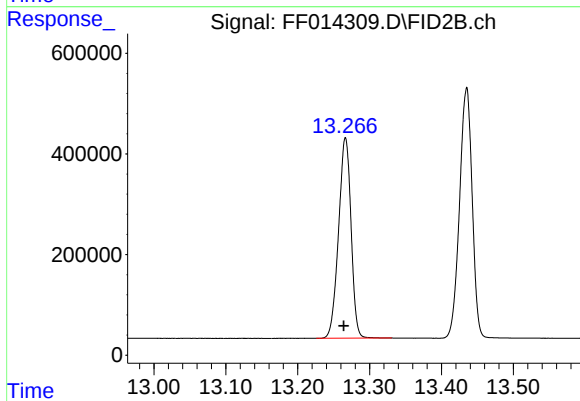
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: 0.003 min
Response: 6223635
Conc: 49.55 ug/ml



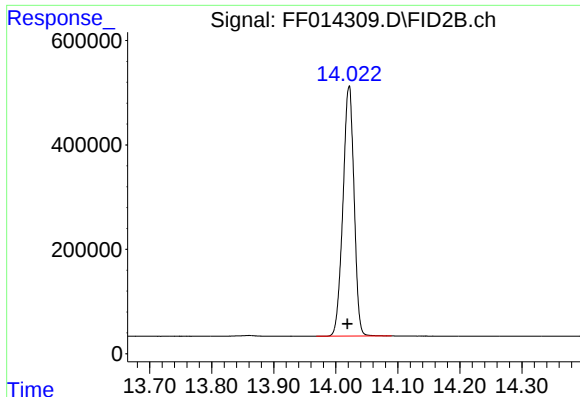
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: 0.002 min
Response: 6076695
Conc: 49.54 ug/ml



#12 1-chlorooctadecane (SURR)

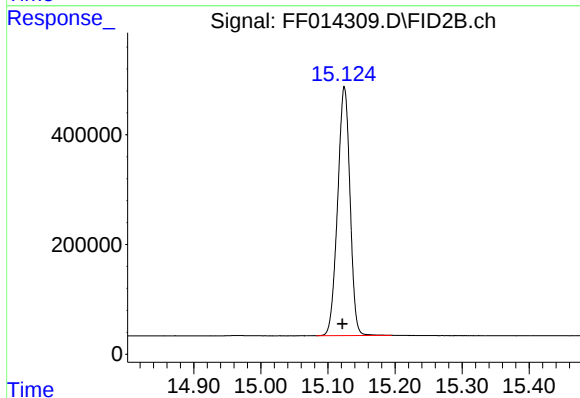
R.T.: 13.266 min
Delta R.T.: 0.002 min
Response: 4799307
Conc: 51.05 ug/ml



#13 n-Docosane (C22)

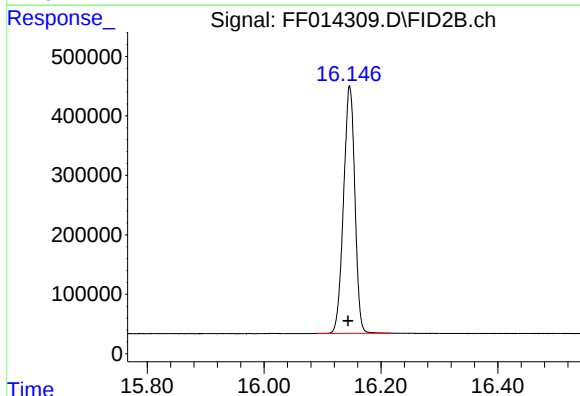
R.T.: 14.022 min
Delta R.T.: 0.003 min
Response: 5961493
Conc: 49.74 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



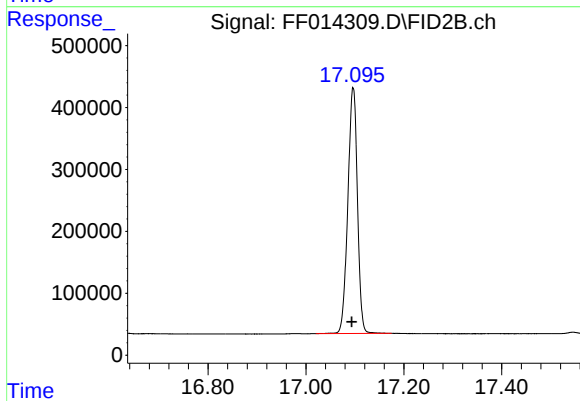
#14 n-Tetracosane (C24)

R.T.: 15.125 min
Delta R.T.: 0.003 min
Response: 5815383
Conc: 49.70 ug/ml



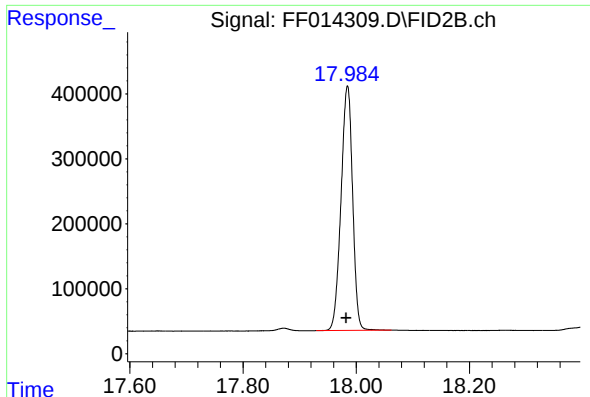
#15 n-Hexacosane (C26)

R.T.: 16.146 min
Delta R.T.: 0.003 min
Response: 5597583
Conc: 49.55 ug/ml



#16 n-Octacosane (C28)

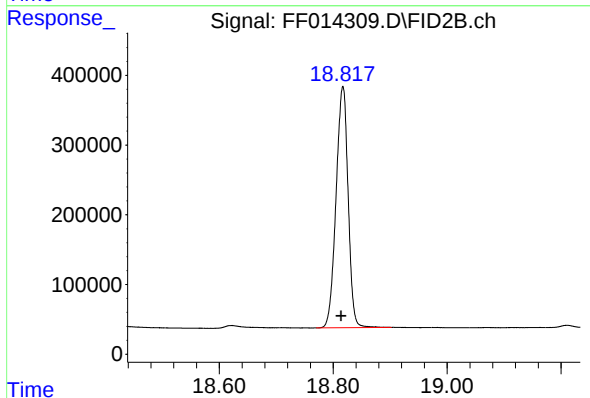
R.T.: 17.097 min
Delta R.T.: 0.003 min
Response: 5388863
Conc: 49.04 ug/ml



#17 n-Tricontane (C30)

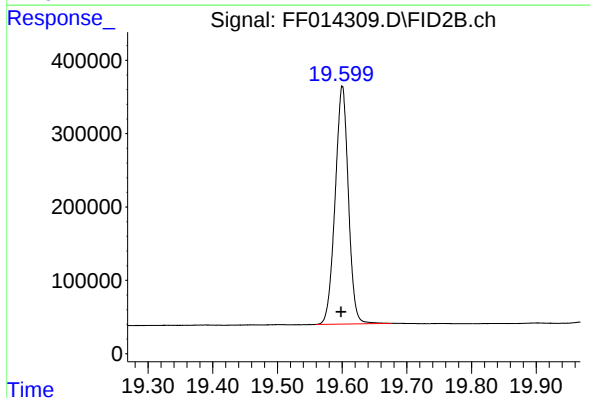
R.T.: 17.985 min
Delta R.T.: 0.002 min
Response: 5345711
Conc: 48.25 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



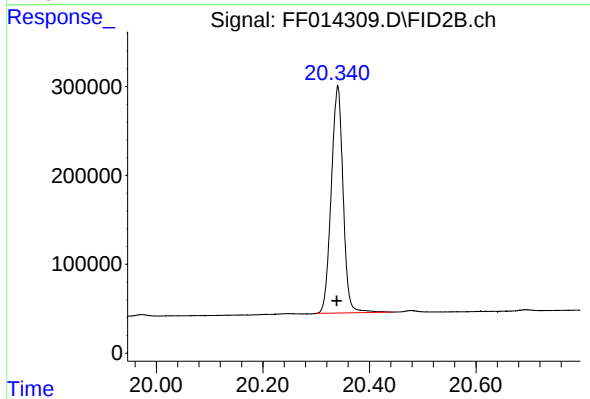
#18 n-Dotriacontane (C32)

R.T.: 18.817 min
Delta R.T.: 0.003 min
Response: 5075162
Conc: 46.90 ug/ml



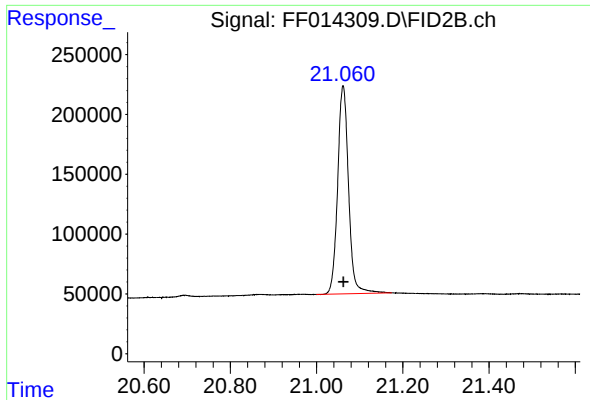
#19 n-Tetratriacontane (C34)

R.T.: 19.600 min
Delta R.T.: 0.002 min
Response: 4618646
Conc: 45.86 ug/ml



#20 n-Hexatriacontane (C36)

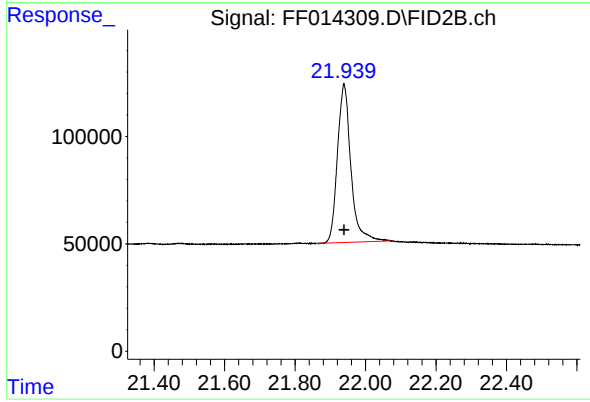
R.T.: 20.341 min
Delta R.T.: 0.002 min
Response: 3945300
Conc: 45.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.062 min
Delta R.T.: 0.000 min
Response: 3054052
Conc: 45.34 ug/ml

Instrument :
FID_F
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: 0.000 min
Response: 1959001
Conc: 45.64 ug/ml