

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122923AL\
 Data File : FE046020.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2023 00:05
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: sample.E
 Quant Time: Dec 29 03:39:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:38:55 2023
 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)	11.844	9000530	49.244 ug/ml
Spiked Amount 50.000		Recovery =	98.49%
12) S 1-chlorooctadecane (S...	13.287	6640764	49.200 ug/ml
Spiked Amount 50.000		Recovery =	98.40%
Target Compounds			
1) T n-Nonane (C9)	3.226	7642015	49.260 ug/ml
2) T n-Decane (C10)	4.477	7762448	49.187 ug/ml
3) T A~Naphthalene (C11.7)	6.179	8530896	49.472 ug/ml
4) T n-Dodecane (C12)	6.645	7892639	49.416 ug/ml
5) T A~2-methylnaphthalene...	7.276	8305145	49.521 ug/ml
6) T n-Tetradecane (C14)	8.472	7805461	49.361 ug/ml
7) T n-Hexadecane (C16)	10.084	7886099	49.376 ug/ml
8) T n-Octadecane (C18)	11.530	7787172	49.280 ug/ml
10) T n-Eicosane (C20)	12.841	7421565	49.180 ug/ml
11) T n-Heneicosane (C21)	13.455	7240359	49.163 ug/ml
13) T n-Docosane (C22)	14.042	7109768	49.099 ug/ml
14) T n-Tetracosane (C24)	15.149	6944606	49.157 ug/ml
15) T n-Hexacosane (C26)	16.175	6773722	49.107 ug/ml
16) T n-Octacosane (C28)	17.127	6666237	49.120 ug/ml
17) T n-Tricontane (C30)	18.020	6786229	49.084 ug/ml
18) T n-Dotriacontane (C32)	18.855	6812567	48.907 ug/ml
19) T n-Tetratriacontane (C34)	19.642	6776740	49.113 ug/ml
20) T n-Hexatriacontane (C36)	20.386	7153866	49.461 ug/ml
21) T n-Octatriacontane (C38)	21.123	7189321	49.391 ug/ml
22) T n-Tetracontane (C40)	22.031	7600314	49.113 ug/ml

(f)=RT Delta > 1/2 Window

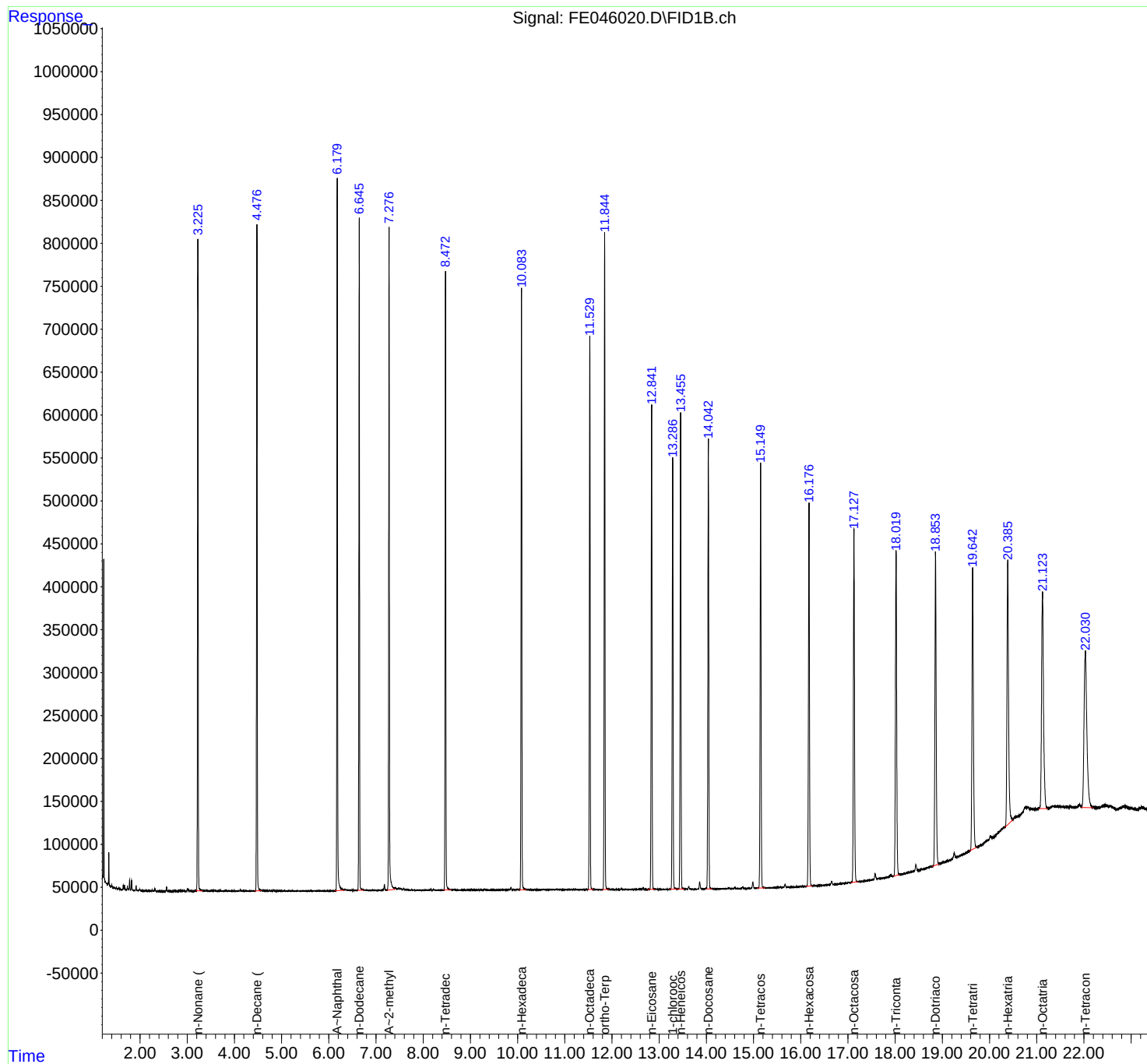
(m)=manual int.

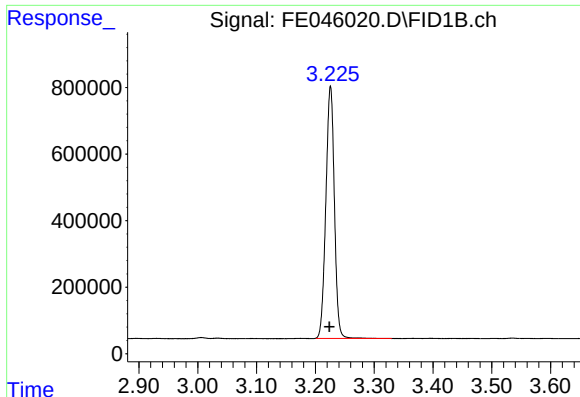
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122923AL\
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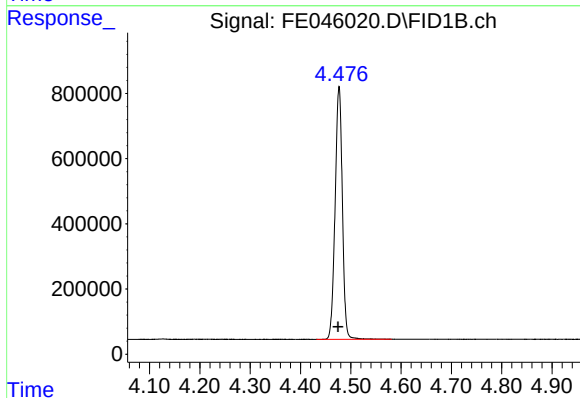




#1 n-Nonane (C9)

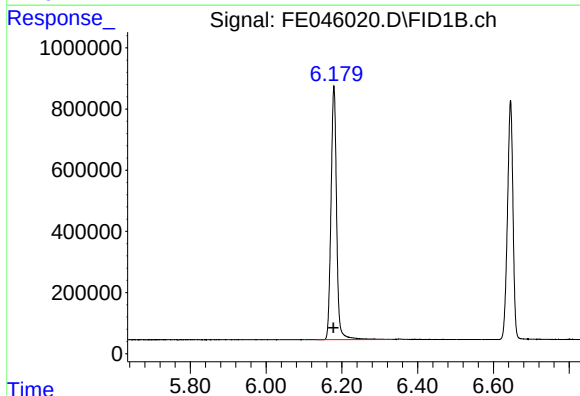
R.T.: 3.226 min
Delta R.T.: 0.002 min
Response: 7642015
Conc: 49.26 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



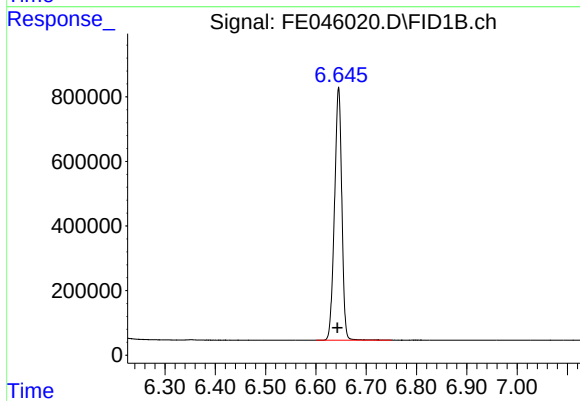
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: 0.002 min
Response: 7762448
Conc: 49.19 ug/ml



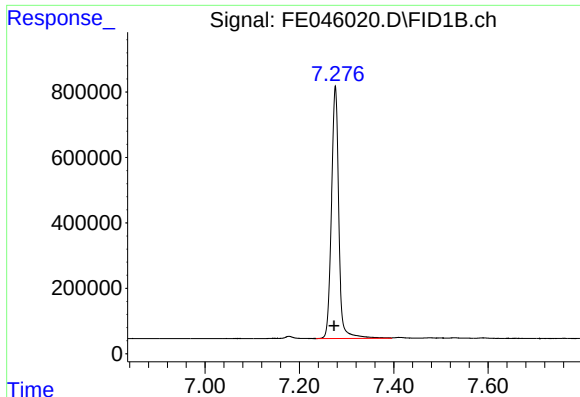
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: 0.002 min
Response: 8530896
Conc: 49.47 ug/ml



#4 n-Dodecane (C12)

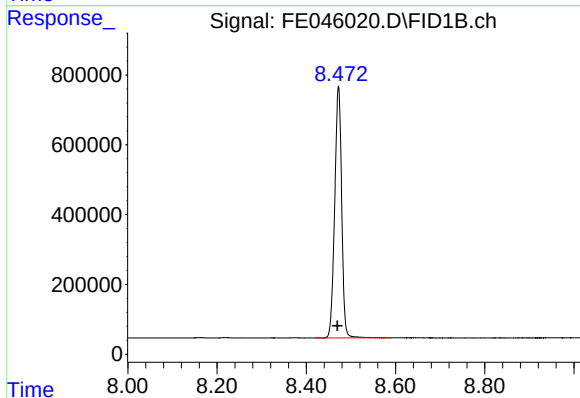
R.T.: 6.645 min
Delta R.T.: 0.003 min
Response: 7892639
Conc: 49.42 ug/ml



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

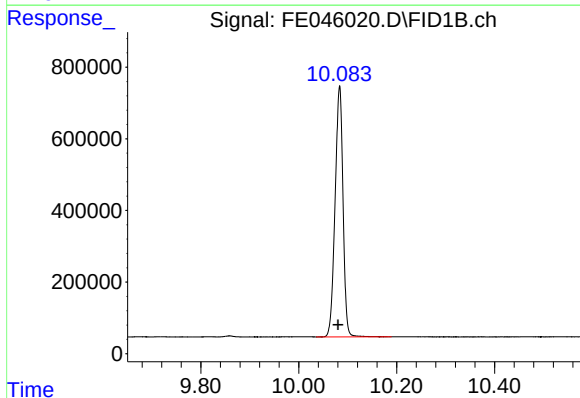
R.T.: 7.276 min
Delta R.T.: 0.002 min
Response: 8305145
Conc: 49.52 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



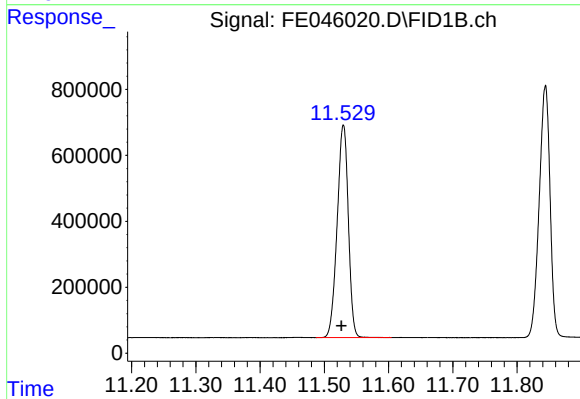
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: 0.002 min
Response: 7805461
Conc: 49.36 ug/ml



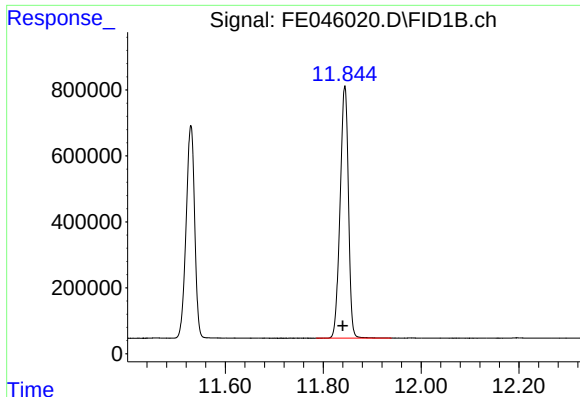
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: 0.003 min
Response: 7886099
Conc: 49.38 ug/ml



#8 n-Octadecane (C18)

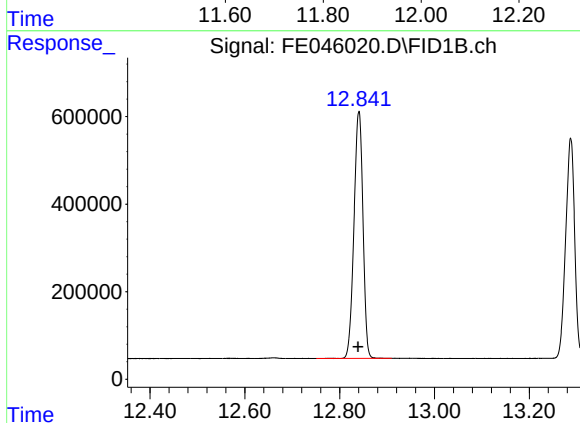
R.T.: 11.530 min
Delta R.T.: 0.003 min
Response: 7787172
Conc: 49.28 ug/ml



#9 ortho-Terphenyl (SURR)

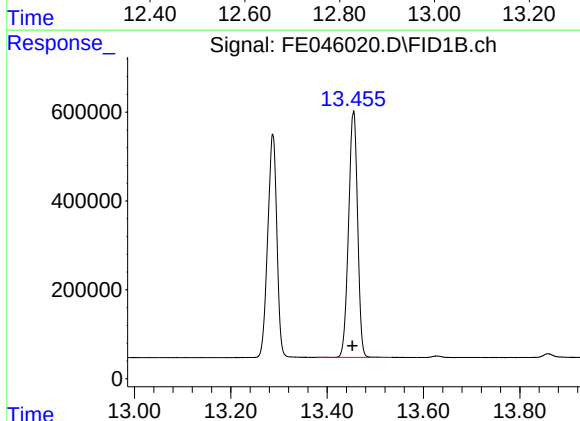
R.T.: 11.844 min
Delta R.T.: 0.004 min
Response: 9000530
Conc: 49.24 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



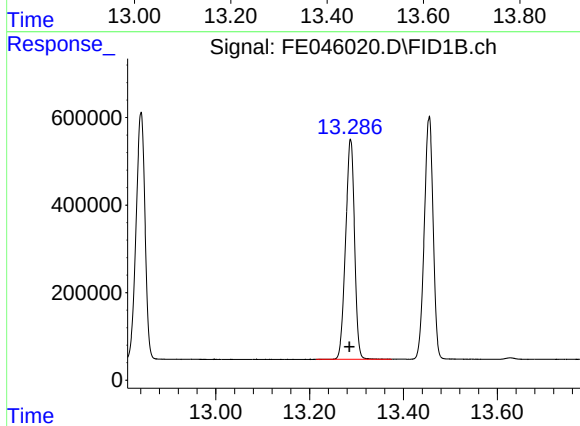
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: 0.002 min
Response: 7421565
Conc: 49.18 ug/ml



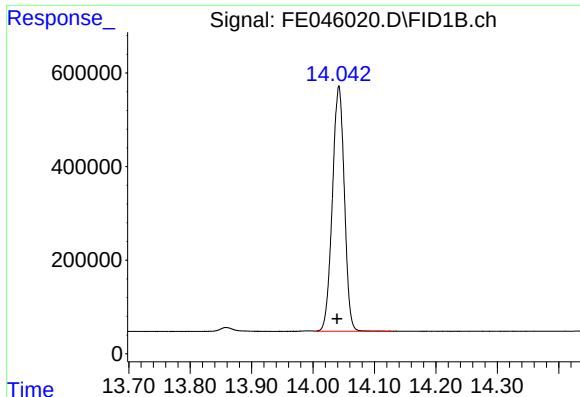
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: 0.002 min
Response: 7240359
Conc: 49.16 ug/ml



#12 1-chlorooctadecane (SURR)

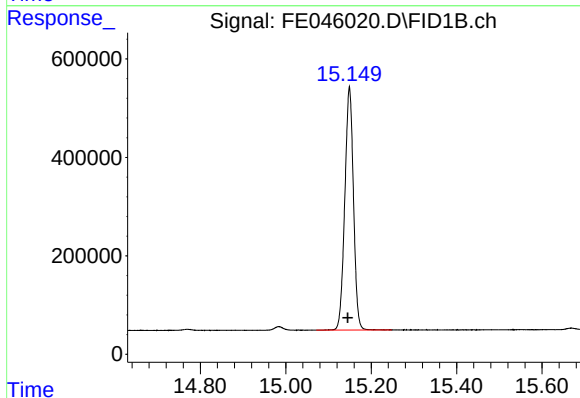
R.T.: 13.287 min
Delta R.T.: 0.003 min
Response: 6640764
Conc: 49.20 ug/ml



#13 n-Docosane (C22)

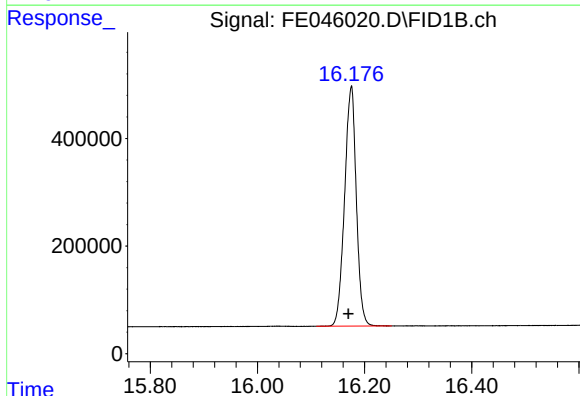
R.T.: 14.042 min
Delta R.T.: 0.003 min
Response: 7109768
Conc: 49.10 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



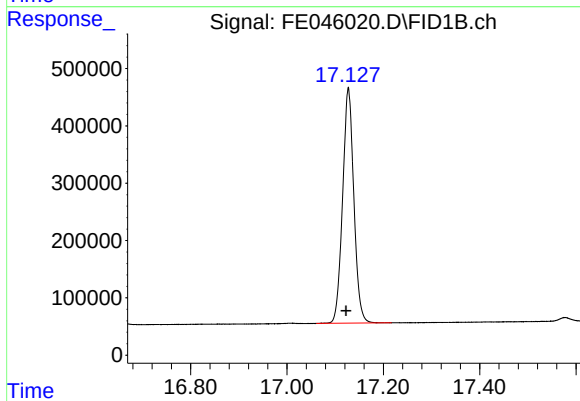
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: 0.004 min
Response: 6944606
Conc: 49.16 ug/ml



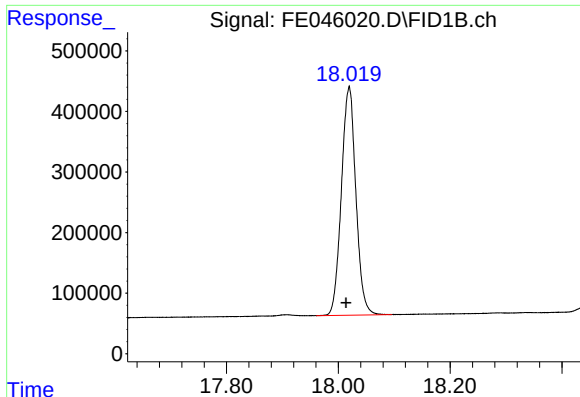
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: 0.006 min
Response: 6773722
Conc: 49.11 ug/ml



#16 n-Octacosane (C28)

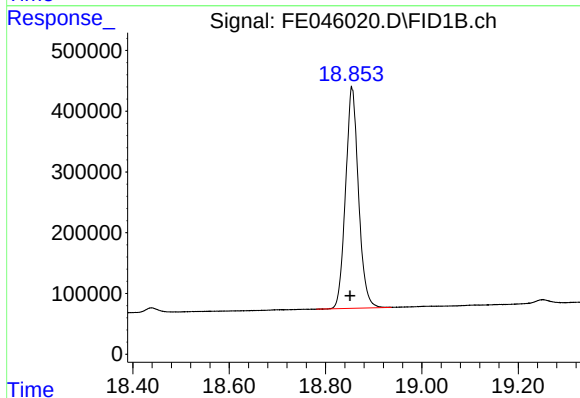
R.T.: 17.127 min
Delta R.T.: 0.005 min
Response: 6666237
Conc: 49.12 ug/ml



#17 n-Tricontane (C30)

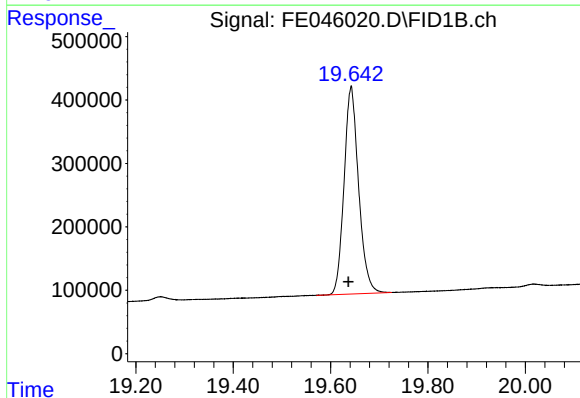
R.T.: 18.020 min
Delta R.T.: 0.006 min
Response: 6786229
Conc: 49.08 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



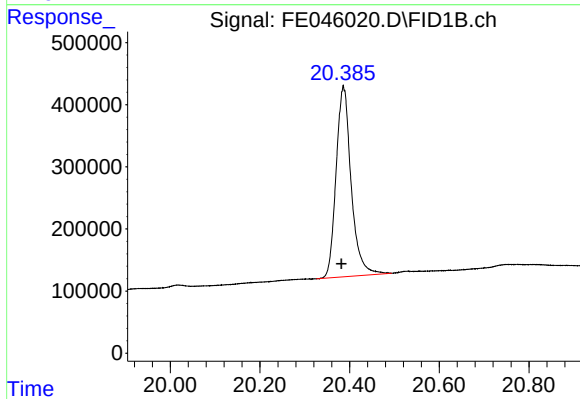
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: 0.003 min
Response: 6812567
Conc: 48.91 ug/ml



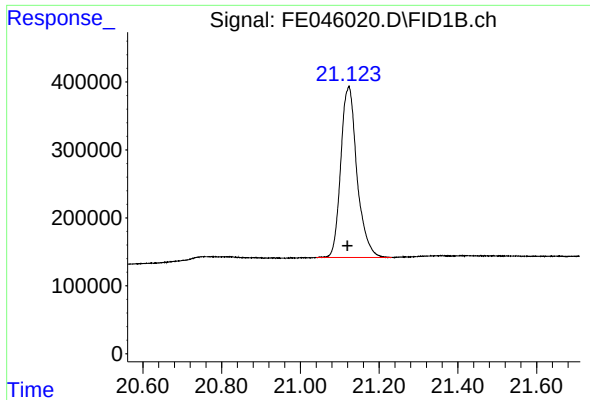
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: 0.005 min
Response: 6776740
Conc: 49.11 ug/ml



#20 n-Hexatriacontane (C36)

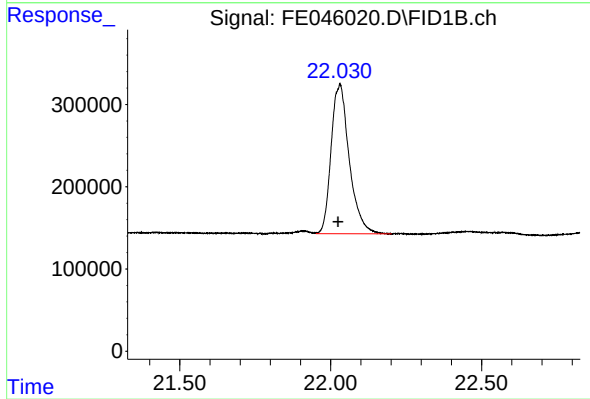
R.T.: 20.386 min
Delta R.T.: 0.004 min
Response: 7153866
Conc: 49.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: 0.003 min
Response: 7189321
Conc: 49.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.031 min
Delta R.T.: 0.005 min
Response: 7600314
Conc: 49.11 ug/ml