

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092925AL\
 Data File : FE056041.D
 Signal(s) : FID1B.ch
 Acq On : 29 Sep 2025 12:19
 Operator : YP\AJ
 Sample : Q3209-02DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 29 12:50:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.072	1087507	5.795 ug/ml
Spiked Amount 50.000		Recovery =	11.59%
12) S 1-chlorooctadecane (S...	13.509	1122726	8.044 ug/ml
Spiked Amount 50.000		Recovery =	16.09%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.394	217202	1.360 ug/ml
4) T n-Dodecane (C12)	6.847	91707	0.639 ug/ml
5) T A~2-methylnaphthalene...	7.494	225444	1.450 ug/ml
6) T n-Tetradecane (C14)	8.682	310841	2.102 ug/ml
7) T n-Hexadecane (C16)	10.298	477537	3.005 ug/ml
8) T n-Octadecane (C18)	11.746	379505	2.241 ug/ml
10) T n-Eicosane (C20)	13.060	354428	2.138 ug/ml
11) T n-Heneicosane (C21)	13.675	153642	0.946 ug/ml
13) T n-Docosane (C22)	14.264	196930	1.232 ug/ml
14) T n-Tetracosane (C24)	15.365	799768	5.248 ug/ml
16) T n-Octacosane (C28)	17.374	214919	1.543 ug/ml
17) T n-Tricontane (C30)	18.235	544663	3.676 ug/ml
18) T n-Dotriacontane (C32)	19.070	543013	3.640 ug/ml
19) T n-Tetratriacontane (C34)	19.855	360343	2.547 ug/ml
20) T n-Hexatriacontane (C36)	20.594	416962	3.248 ug/ml
21) T n-Octatriacontane (C38)	21.370	914968	6.966 ug/ml
22) T n-Tetracontane (C40)	22.376	1086716	9.135 ug/ml

(f)=RT Delta > 1/2 Window

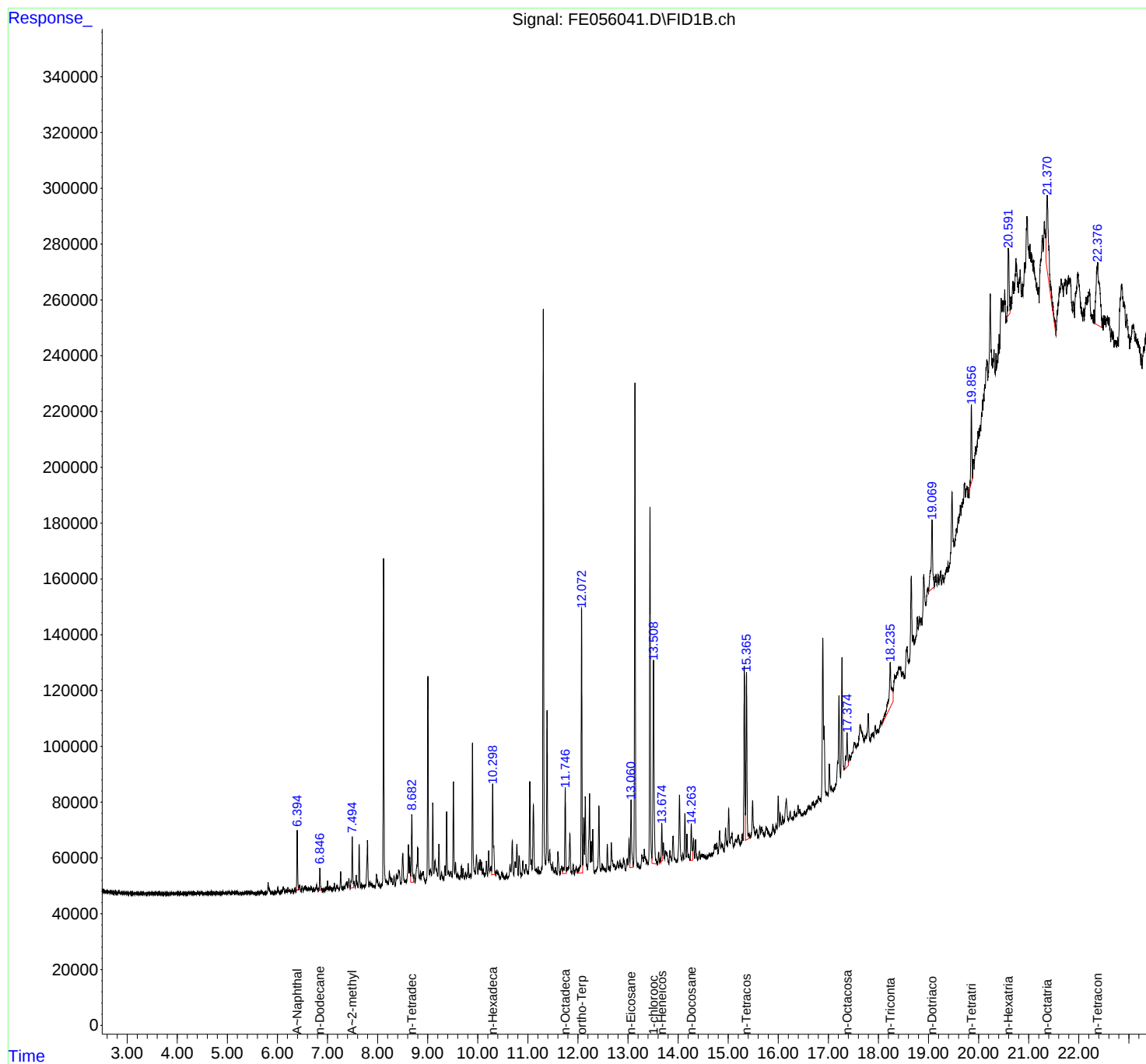
(m)=manual int.

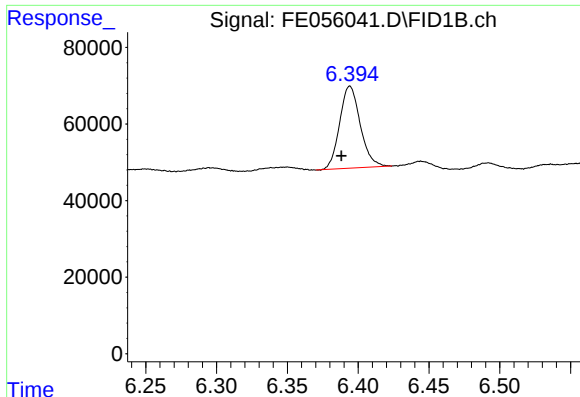
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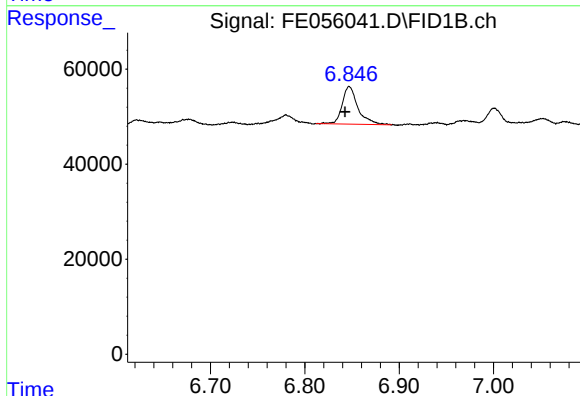




#3 A~Naphthalene (C11.7)

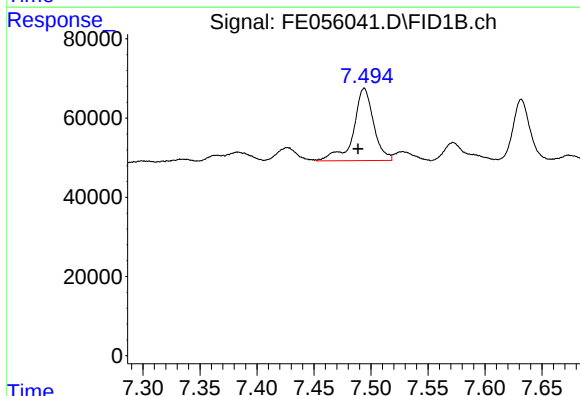
R.T.: 6.394 min
Delta R.T.: 0.006 min
Response: 217202
Conc: 1.36 ug/ml

Instrument :
FID_E
ClientSampleId :



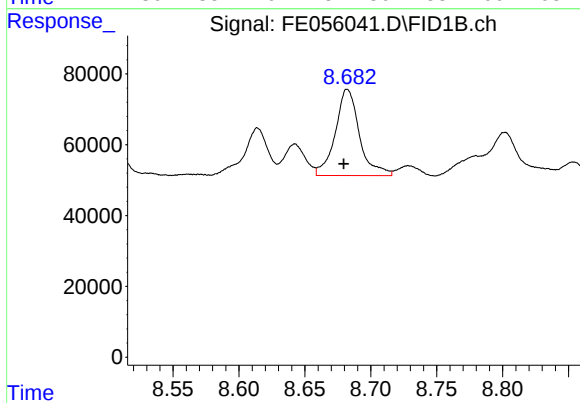
#4 n-Dodecane (C12)

R.T.: 6.847 min
Delta R.T.: 0.004 min
Response: 91707
Conc: 0.64 ug/ml



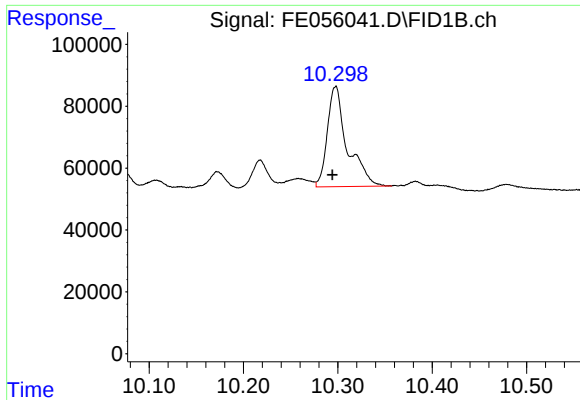
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.494 min
Delta R.T.: 0.005 min
Response: 225444
Conc: 1.45 ug/ml



#6 n-Tetradecane (C14)

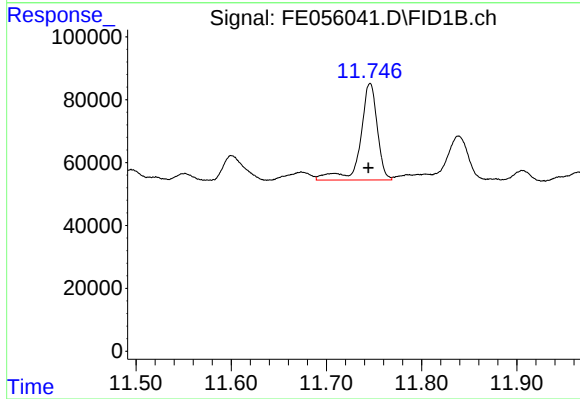
R.T.: 8.682 min
Delta R.T.: 0.003 min
Response: 310841
Conc: 2.10 ug/ml



#7 n-Hexadecane (C16)

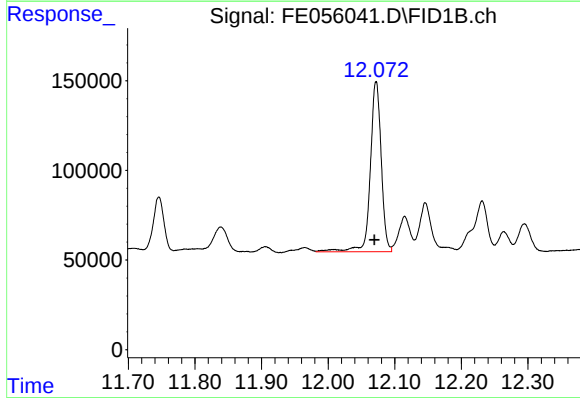
R.T.: 10.298 min
Delta R.T.: 0.003 min
Response: 477537
Conc: 3.01 ug/ml

Instrument :
FID_E
ClientSampleId :



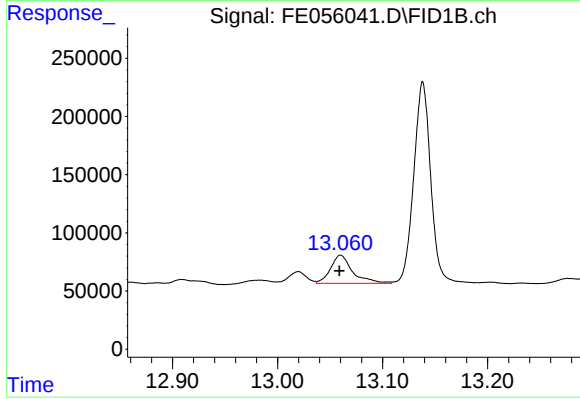
#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: 0.002 min
Response: 379505
Conc: 2.24 ug/ml



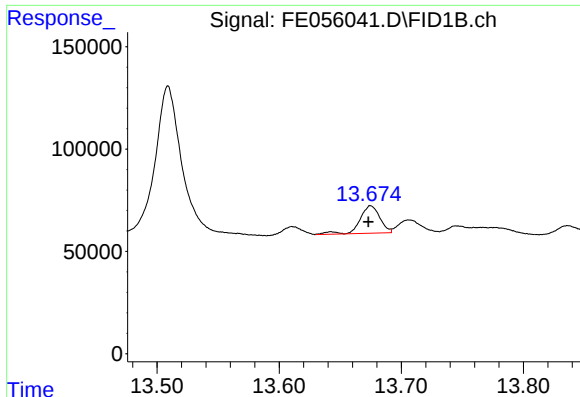
#9 ortho-Terphenyl (SURR)

R.T.: 12.072 min
Delta R.T.: 0.002 min
Response: 1087507
Conc: 5.80 ug/ml



#10 n-Eicosane (C20)

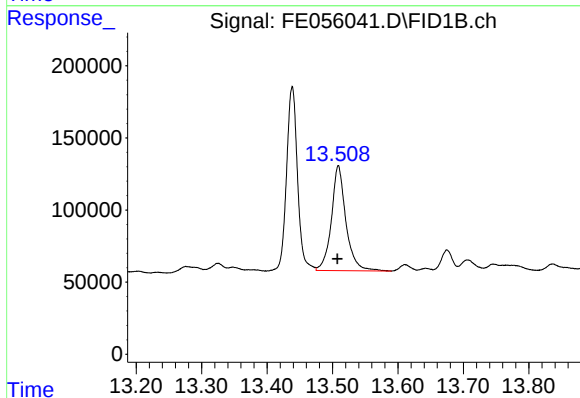
R.T.: 13.060 min
Delta R.T.: 0.001 min
Response: 354428
Conc: 2.14 ug/ml



#11 n-Heneicosane (C21)

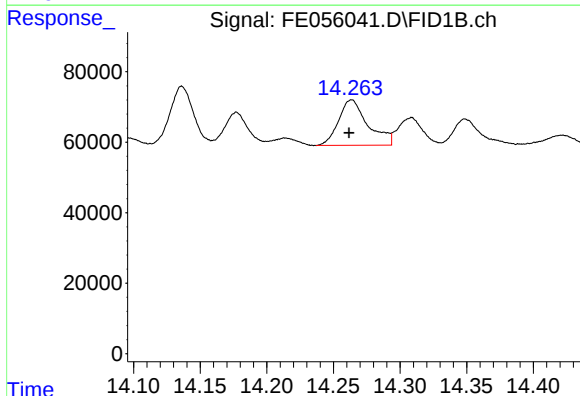
R.T.: 13.675 min
Delta R.T.: 0.002 min
Response: 153642
Conc: 0.95 ug/ml

Instrument :
FID_E
ClientSampleId :



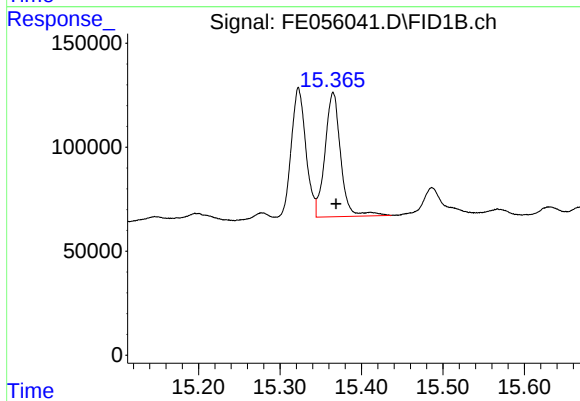
#12 1-chlorooctadecane (SURR)

R.T.: 13.509 min
Delta R.T.: 0.002 min
Response: 1122726
Conc: 8.04 ug/ml



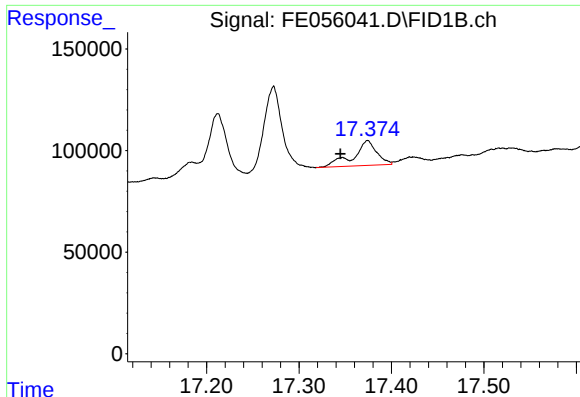
#13 n-Docosane (C22)

R.T.: 14.264 min
Delta R.T.: 0.002 min
Response: 196930
Conc: 1.23 ug/ml



#14 n-Tetracosane (C24)

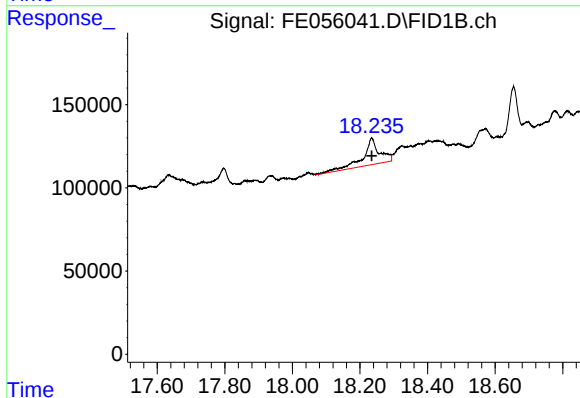
R.T.: 15.365 min
Delta R.T.: -0.004 min
Response: 799768
Conc: 5.25 ug/ml



#16 n-Octacosane (C28)

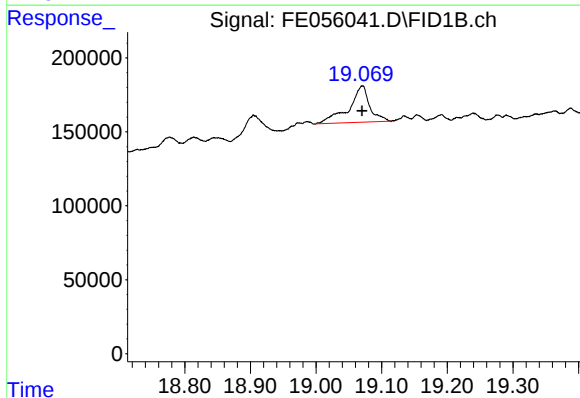
R.T.: 17.374 min
Delta R.T.: 0.029 min
Response: 214919
Conc: 1.54 ug/ml

Instrument :
FID_E
ClientSampleId :



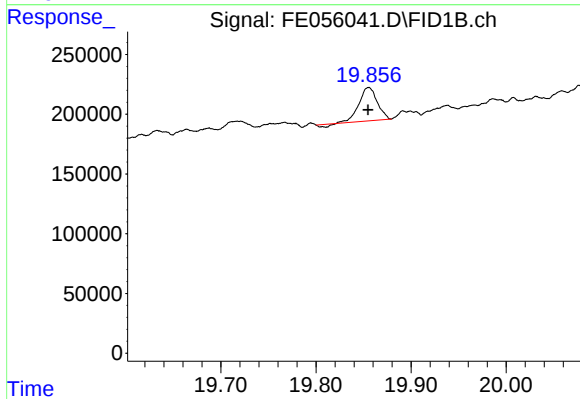
#17 n-Tricontane (C30)

R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 544663
Conc: 3.68 ug/ml



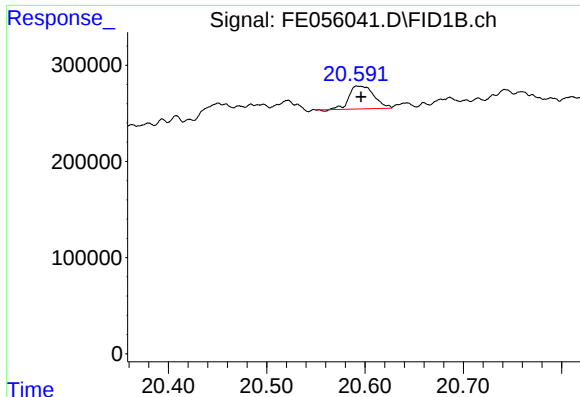
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.000 min
Response: 543013
Conc: 3.64 ug/ml



#19 n-Tetratriacontane (C34)

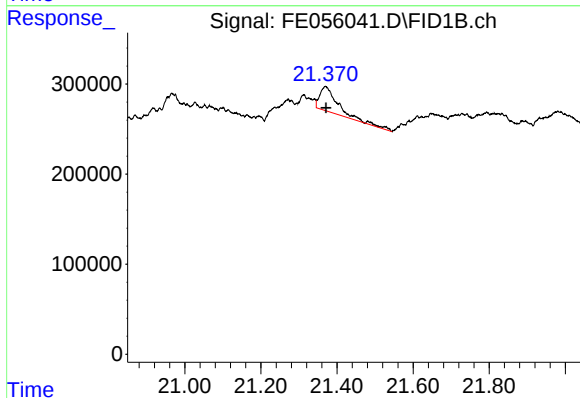
R.T.: 19.855 min
Delta R.T.: 0.000 min
Response: 360343
Conc: 2.55 ug/ml



#20 n-Hexatriacontane (C36)

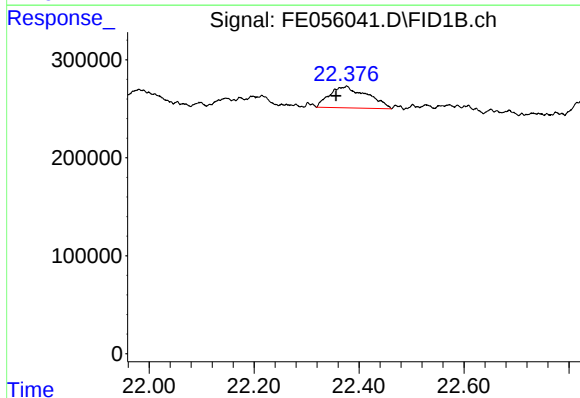
R.T.: 20.594 min
Delta R.T.: -0.002 min
Response: 416962
Conc: 3.25 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.370 min
Delta R.T.: -0.002 min
Response: 914968
Conc: 6.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: 0.020 min
Response: 1086716
Conc: 9.13 ug/ml