

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
 Data File : FE044959.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 21:41
 Operator : YP\AJ
 Sample : 04976-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 21 00:48:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.902	4997796	24.931 ug/ml
Spiked Amount 50.000		Recovery =	49.86%
12) S 1-chlorooctadecane (S...	13.340	23946747	161.818 ug/ml
Spiked Amount 50.000		Recovery =	323.64%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.235	92036	0.497 ug/ml
4) T n-Dodecane (C12)	6.702	259875	1.505 ug/ml
5) T A~2-methylnaphthalene...	7.337	356053	1.974 ug/ml
6) T n-Tetradecane (C14)	8.529	1115365	6.504 ug/ml
7) T n-Hexadecane (C16)	10.140	1798300	10.284 ug/ml
8) T n-Octadecane (C18)	11.585	1785921	10.240 ug/ml
10) T n-Eicosane (C20)	12.897	1294906	7.753 ug/ml
11) T n-Heneicosane (C21)	13.556	11769016	72.197 ug/ml
13) T n-Docosane (C22)	14.099	1149356	7.186 ug/ml
14) T n-Tetracosane (C24)	15.201	471354	3.037 ug/ml
15) T n-Hexacosane (C26)	16.228	450271	2.999 ug/ml
16) T n-Octacosane (C28)	17.180	450766	3.070 ug/ml
17) T n-Tricontane (C30)	18.071	507520	3.412 ug/ml
18) T n-Dotriacontane (C32)	18.904	401395	2.674 ug/ml
19) T n-Tetratriacontane (C34)	19.704	784734	5.271 ug/ml
20) T n-Hexatriacontane (C36)	20.436	240842	1.567 ug/ml
21) T n-Octatriacontane (C38)	21.180	962672	6.163 ug/ml
22) T n-Tetracontane (C40)	22.101	686182	4.106 ug/ml

(f)=RT Delta > 1/2 Window

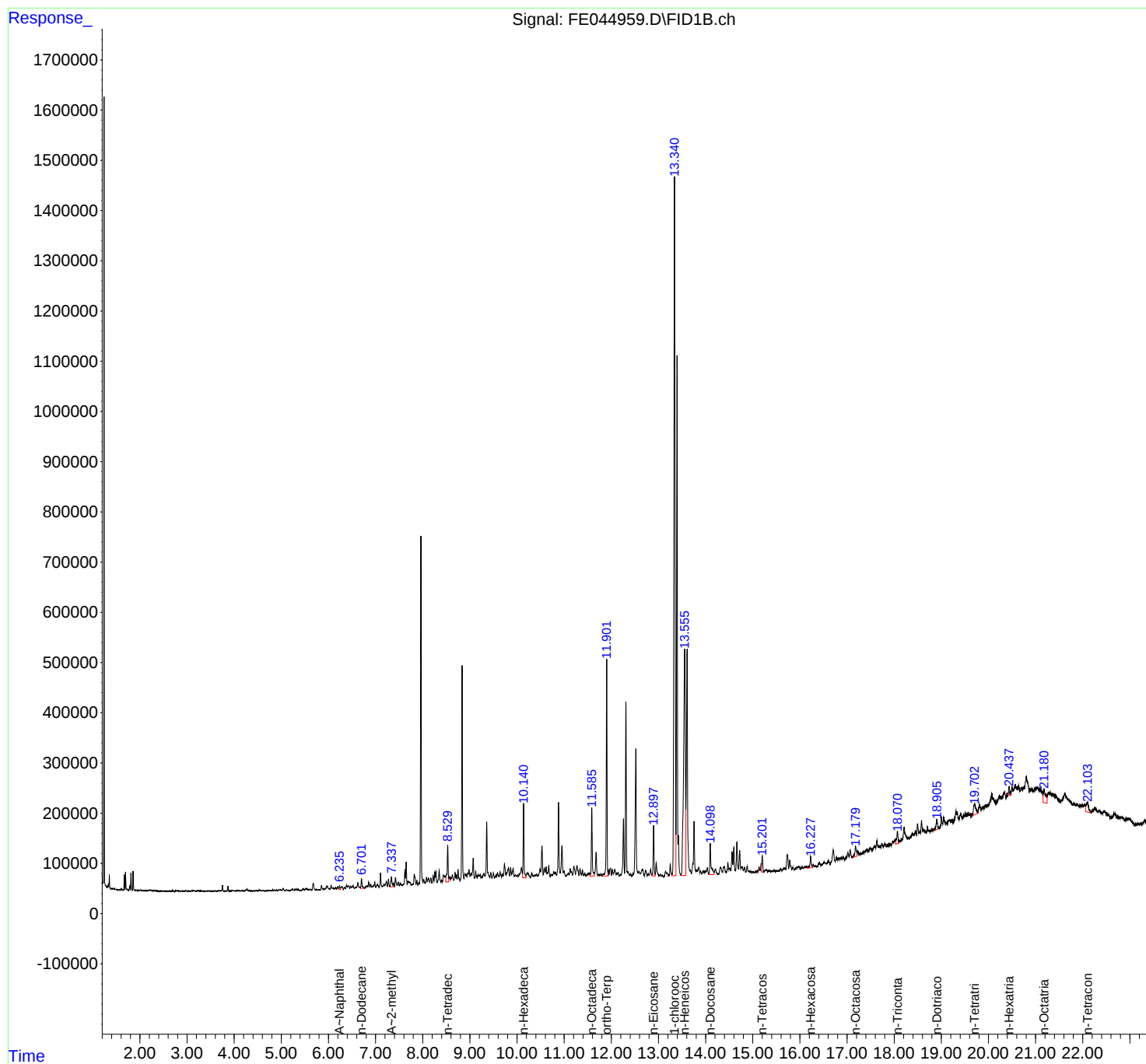
(m)=manual int.

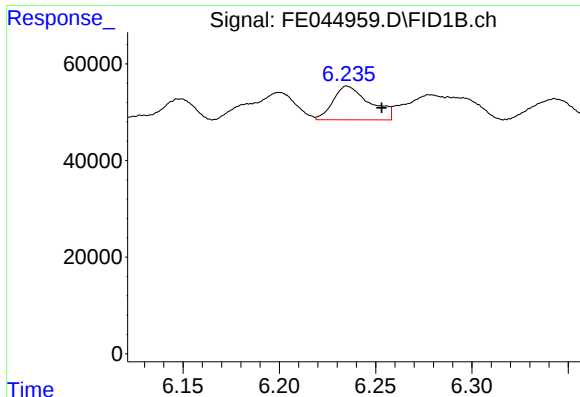
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
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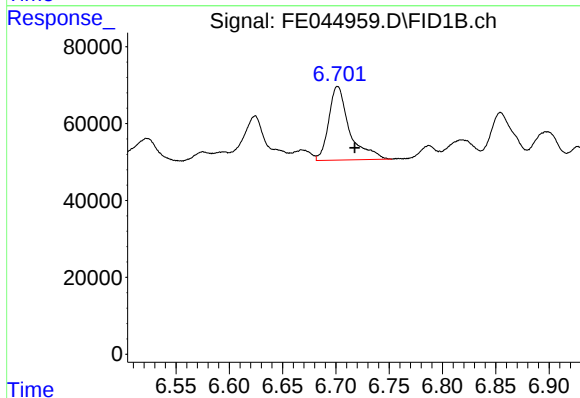




#3 A~Naphthalene (C11.7)

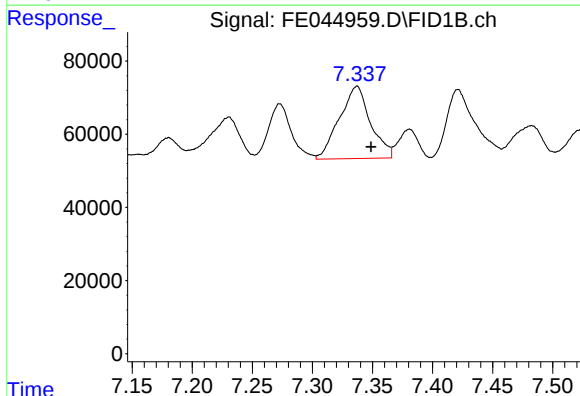
R.T.: 6.235 min
Delta R.T.: -0.018 min
Response: 92036
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



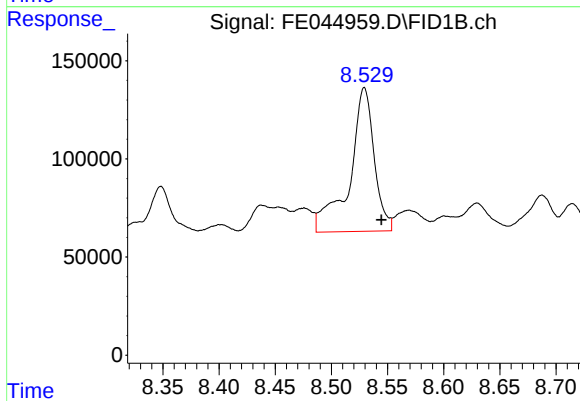
#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.016 min
Response: 259875
Conc: 1.51 ug/ml



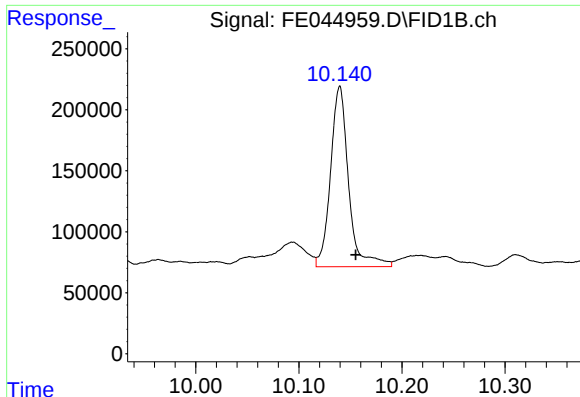
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.337 min
Delta R.T.: -0.012 min
Response: 356053
Conc: 1.97 ug/ml



#6 n-Tetradecane (C14)

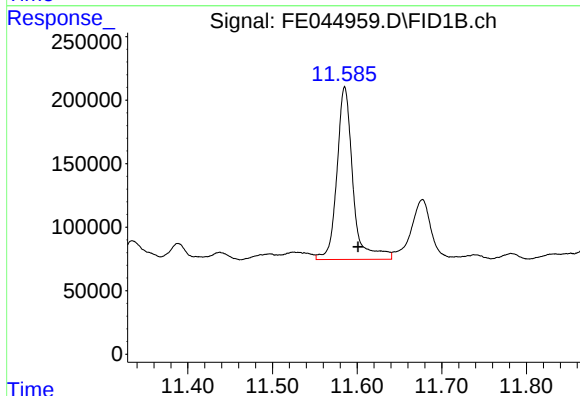
R.T.: 8.529 min
Delta R.T.: -0.015 min
Response: 1115365
Conc: 6.50 ug/ml



#7 n-Hexadecane (C16)

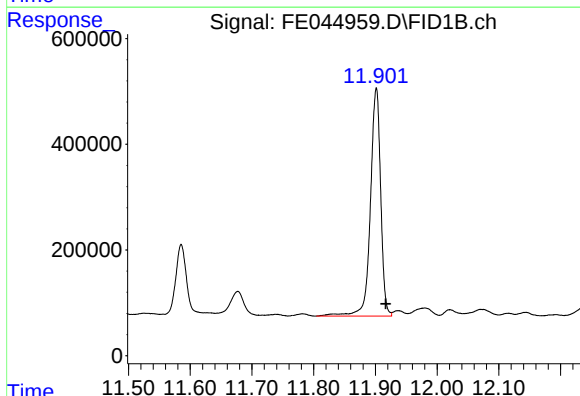
R.T.: 10.140 min
Delta R.T.: -0.016 min
Response: 1798300
Conc: 10.28 ug/ml

Instrument :
FID_E
ClientSampleId :



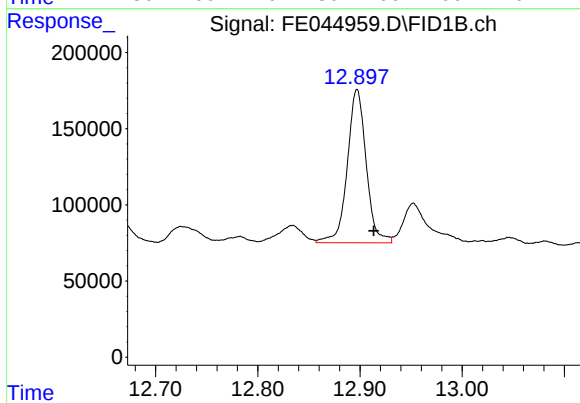
#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: -0.016 min
Response: 1785921
Conc: 10.24 ug/ml



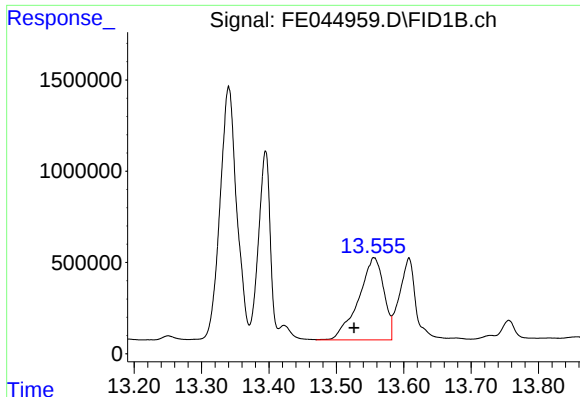
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min
Delta R.T.: -0.015 min
Response: 4997796
Conc: 24.93 ug/ml



#10 n-Eicosane (C20)

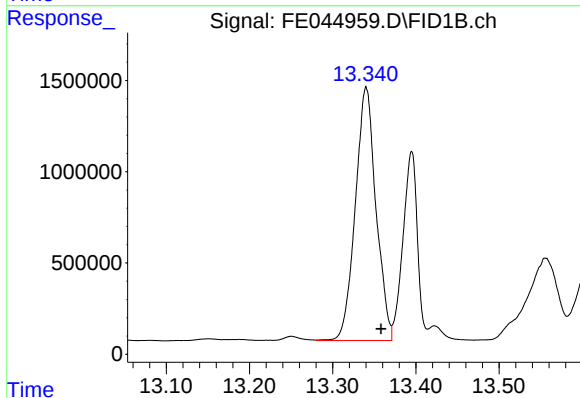
R.T.: 12.897 min
Delta R.T.: -0.016 min
Response: 1294906
Conc: 7.75 ug/ml



#11 n-Heneicosane (C21)

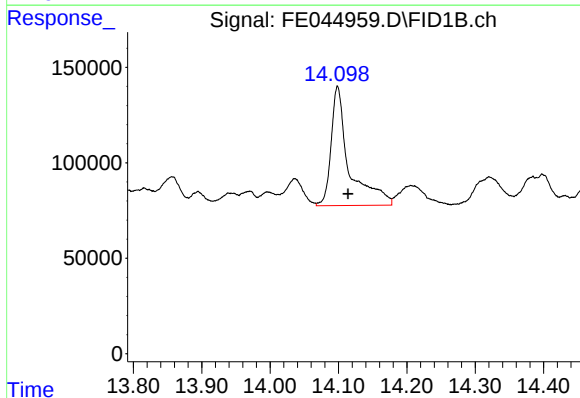
R.T.: 13.556 min
Delta R.T.: 0.029 min
Response: 11769016
Conc: 72.20 ug/ml

Instrument :
FID_E
ClientSampleId :



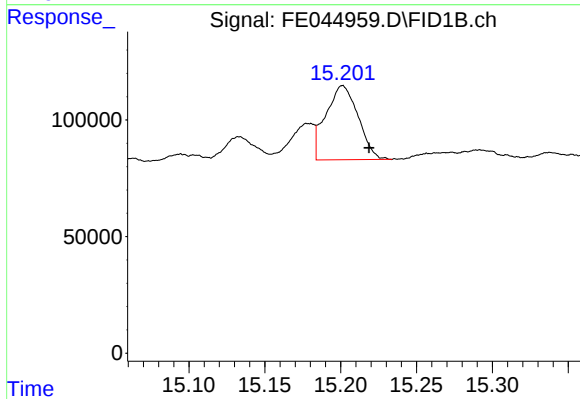
#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: -0.018 min
Response: 23946747
Conc: 161.82 ug/ml



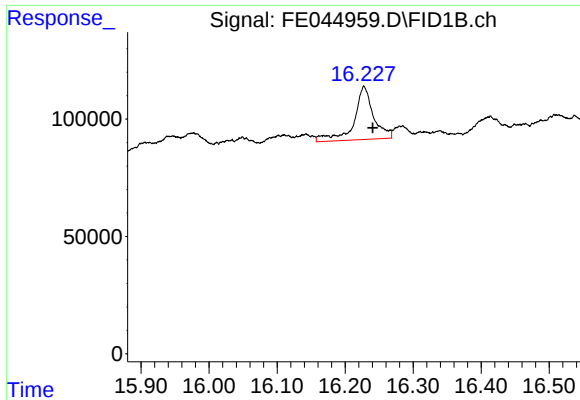
#13 n-Docosane (C22)

R.T.: 14.099 min
Delta R.T.: -0.015 min
Response: 1149356
Conc: 7.19 ug/ml



#14 n-Tetracosane (C24)

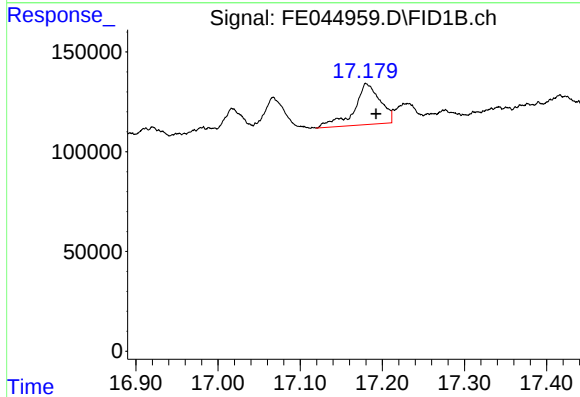
R.T.: 15.201 min
Delta R.T.: -0.017 min
Response: 471354
Conc: 3.04 ug/ml



#15 n-Hexacosane (C26)

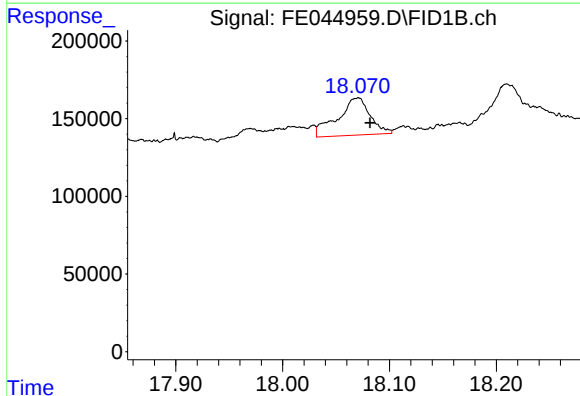
R.T.: 16.228 min
Delta R.T.: -0.013 min
Response: 450271
Conc: 3.00 ug/ml

Instrument :
FID_E
ClientSampleId :



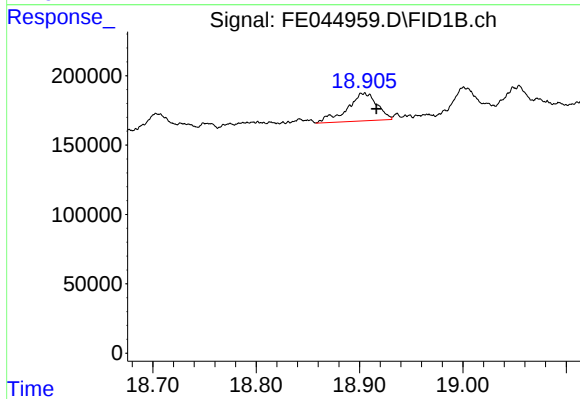
#16 n-Octacosane (C28)

R.T.: 17.180 min
Delta R.T.: -0.012 min
Response: 450766
Conc: 3.07 ug/ml



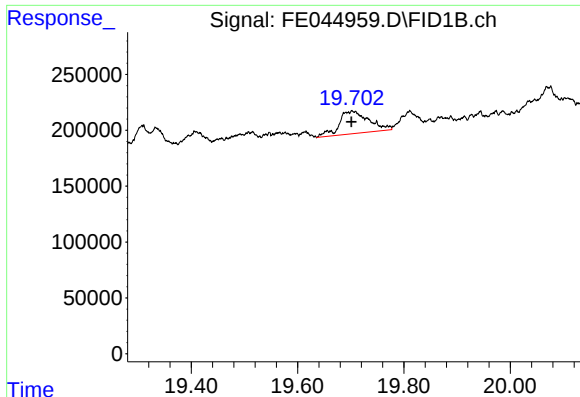
#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: -0.011 min
Response: 507520
Conc: 3.41 ug/ml



#18 n-Dotriacontane (C32)

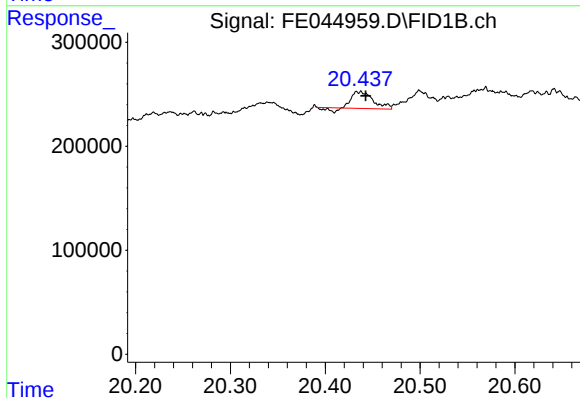
R.T.: 18.904 min
Delta R.T.: -0.013 min
Response: 401395
Conc: 2.67 ug/ml



#19 n-Tetratriacontane (C34)

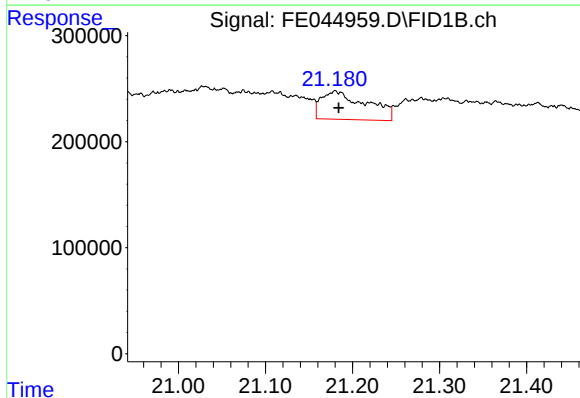
R.T.: 19.704 min
Delta R.T.: 0.002 min
Response: 784734
Conc: 5.27 ug/ml

Instrument :
FID_E
ClientSampleId :



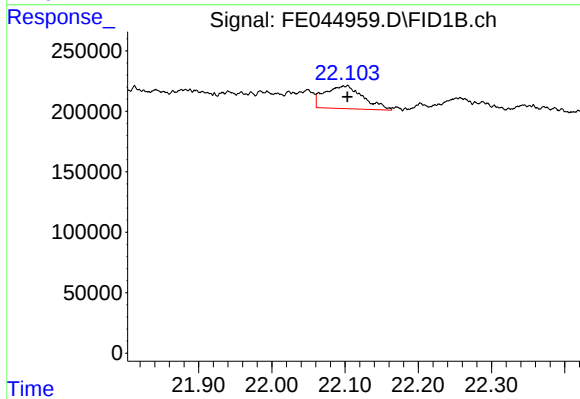
#20 n-Hexatriacontane (C36)

R.T.: 20.436 min
Delta R.T.: -0.007 min
Response: 240842
Conc: 1.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: -0.004 min
Response: 962672
Conc: 6.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.002 min
Response: 686182
Conc: 4.11 ug/ml