

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051123AL\
 Data File : FE041868.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2023 20:33
 Operator : YP\AJ
 Sample : 02743-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 12 01:13:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.966	5477894	29.199 ug/ml
Spiked Amount 50.000		Recovery =	58.40%
12) S 1-chlorooctadecane (S...	13.402	4409412	31.213 ug/ml
Spiked Amount 50.000		Recovery =	62.43%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.305	60635	0.366 ug/ml
5) T A~2-methylnaphthalene...	7.401	37898	0.235 ug/ml
6) T n-Tetradecane (C14)	8.595	25847	0.170 ug/ml
7) T n-Hexadecane (C16)	10.209	86601	0.543 ug/ml
8) T n-Octadecane (C18)	11.645	77175	0.471 ug/ml
10) T n-Eicosane (C20)	12.958	92323	0.574 ug/ml
11) T n-Heneicosane (C21)	13.578	141247	0.886 ug/ml
13) T n-Docosane (C22)	14.157	140677	0.883 ug/ml
14) T n-Tetracosane (C24)	15.230	979009	6.072 ug/ml
15) T n-Hexacosane (C26)	16.278	318893	2.017 ug/ml
16) T n-Octacosane (C28)	17.226	563171	3.660 ug/ml
17) T n-Tricontane (C30)	18.115	541686	3.557 ug/ml
18) T n-Dotriacontane (C32)	18.945	286911	1.926 ug/ml
19) T n-Tetratriacontane (C34)	19.730	169098	1.200 ug/ml
20) T n-Hexatriacontane (C36)	20.468	126304	0.944 ug/ml
21) T n-Octatriacontane (C38)	21.218	59626	0.451 ug/ml
22) T n-Tetracontane (C40)	22.155	62094	0.490 ug/ml

(f)=RT Delta > 1/2 Window

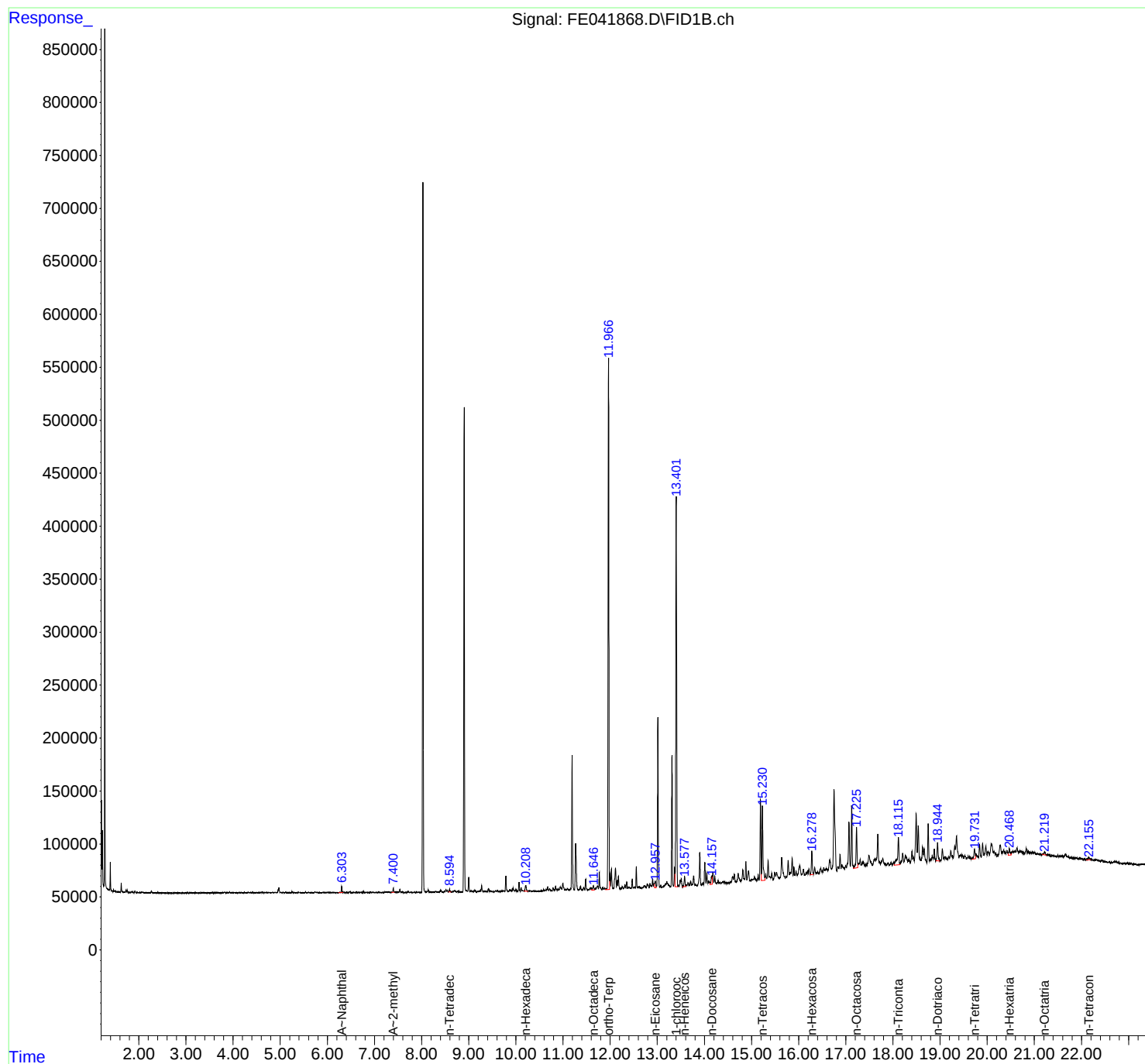
(m)=manual int.

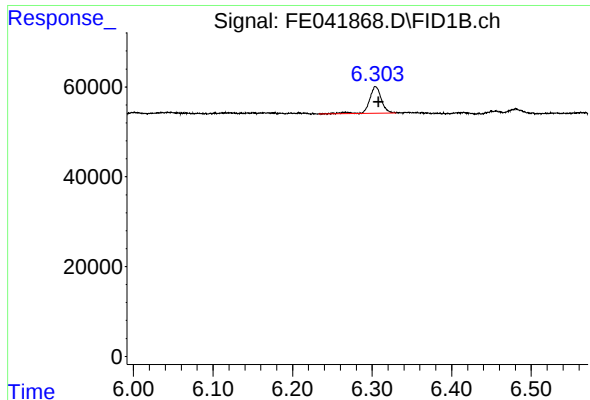
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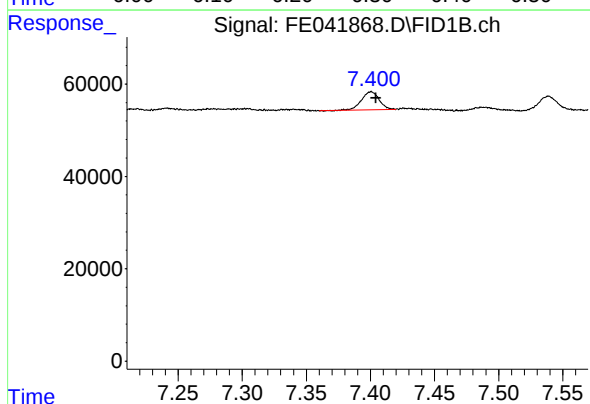




#3 A~Naphthalene (C11.7)

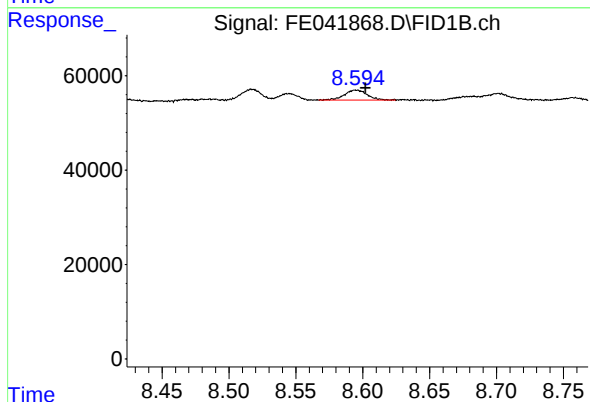
R.T.: 6.305 min
Delta R.T.: -0.004 min
Response: 60635
Conc: 0.37 ug/ml

Instrument :
FID_E
ClientSampleId :



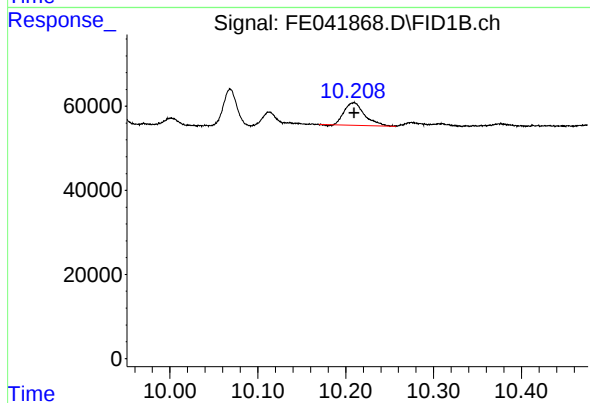
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: -0.004 min
Response: 37898
Conc: 0.24 ug/ml



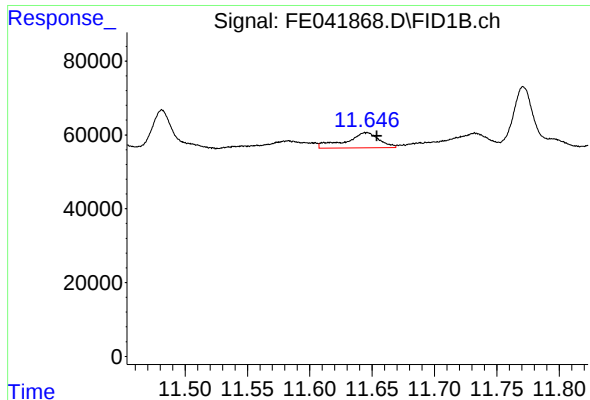
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.007 min
Response: 25847
Conc: 0.17 ug/ml



#7 n-Hexadecane (C16)

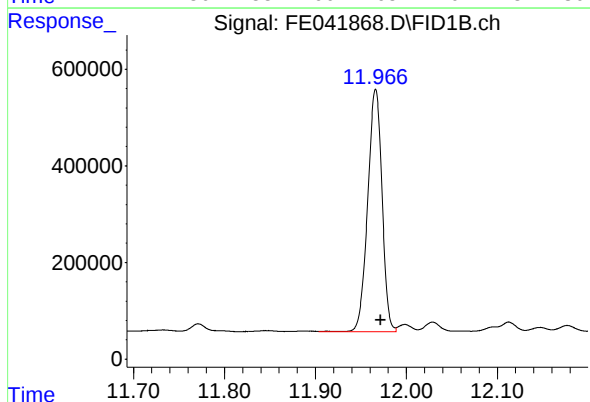
R.T.: 10.209 min
Delta R.T.: 0.000 min
Response: 86601
Conc: 0.54 ug/ml



#8 n-Octadecane (C18)

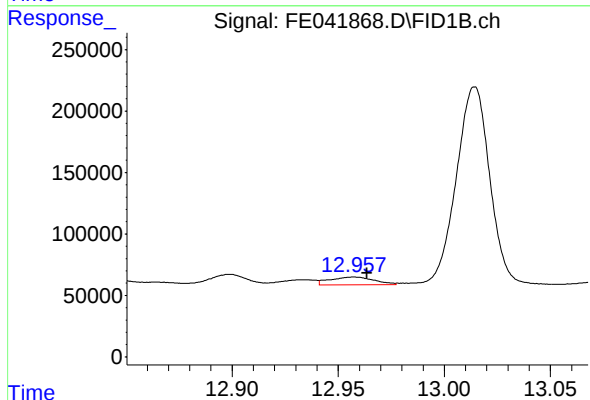
R.T.: 11.645 min
Delta R.T.: -0.009 min
Response: 77175
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :



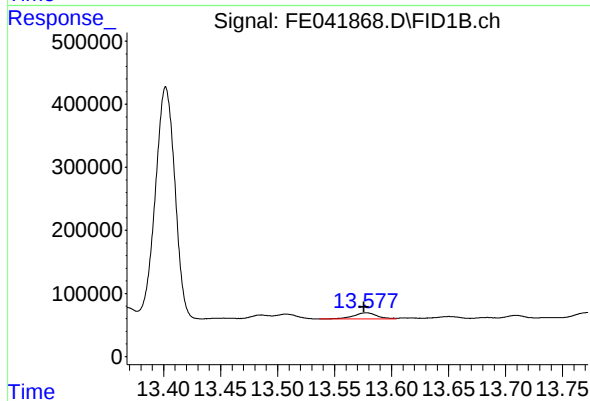
#9 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: -0.005 min
Response: 5477894
Conc: 29.20 ug/ml



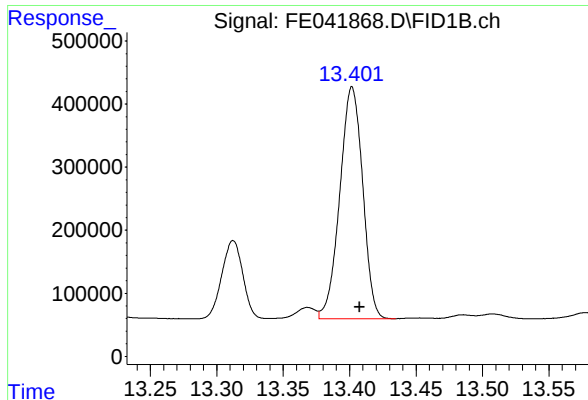
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.006 min
Response: 92323
Conc: 0.57 ug/ml



#11 n-Heneicosane (C21)

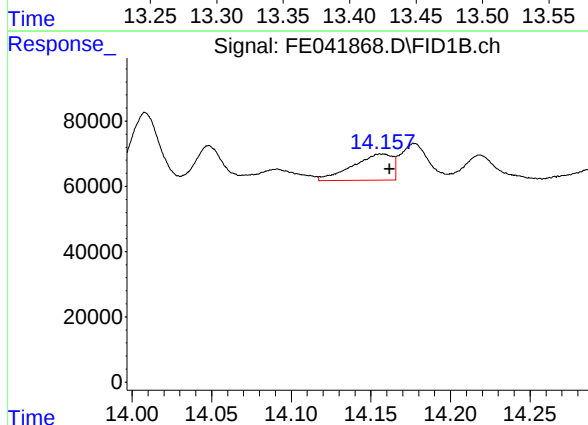
R.T.: 13.578 min
Delta R.T.: 0.002 min
Response: 141247
Conc: 0.89 ug/ml



#12 1-chlorooctadecane (SURR)

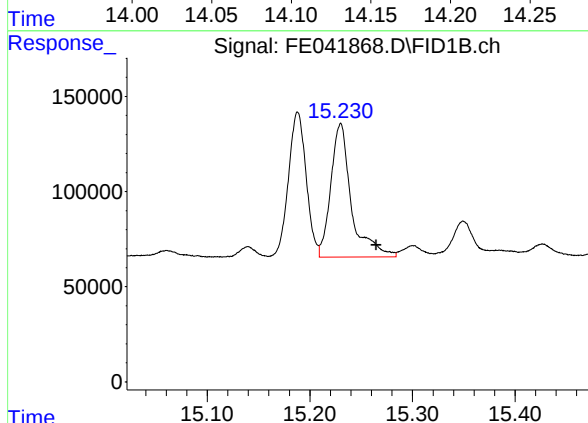
R.T.: 13.402 min
Delta R.T.: -0.006 min
Response: 4409412
Conc: 31.21 ug/ml

Instrument :
FID_E
ClientSampleId :



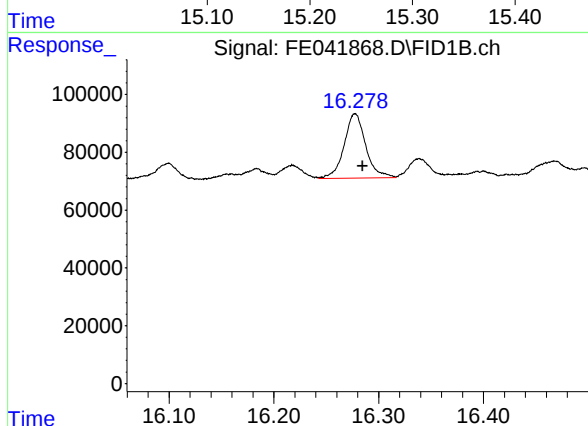
#13 n-Docosane (C22)

R.T.: 14.157 min
Delta R.T.: -0.005 min
Response: 140677
Conc: 0.88 ug/ml



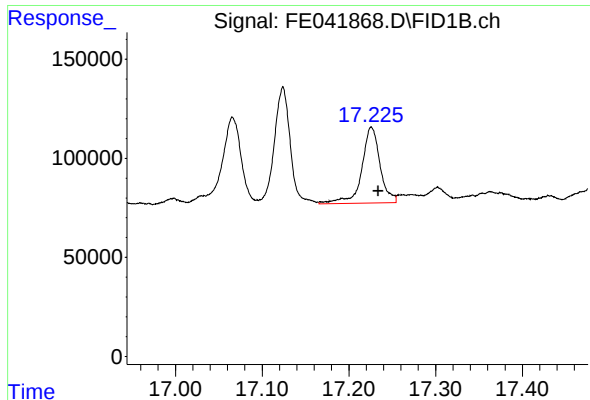
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.035 min
Response: 979009
Conc: 6.07 ug/ml



#15 n-Hexacosane (C26)

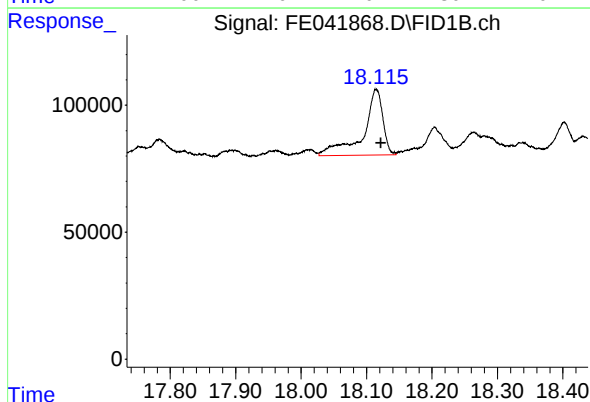
R.T.: 16.278 min
Delta R.T.: -0.007 min
Response: 318893
Conc: 2.02 ug/ml



#16 n-Octacosane (C28)

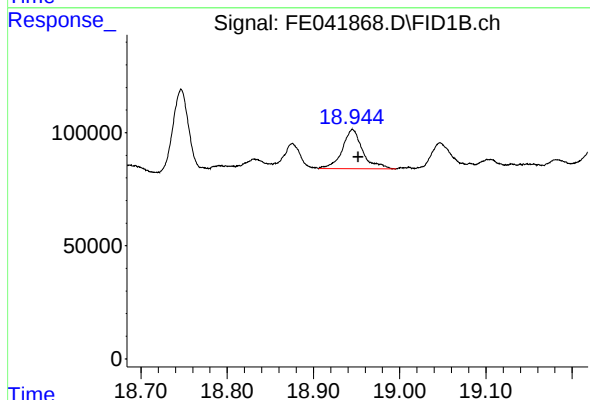
R.T.: 17.226 min
Delta R.T.: -0.008 min
Response: 563171
Conc: 3.66 ug/ml

Instrument :
FID_E
ClientSampleId :



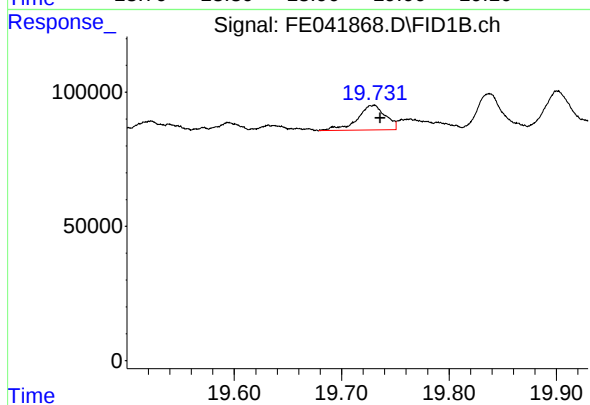
#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: -0.007 min
Response: 541686
Conc: 3.56 ug/ml



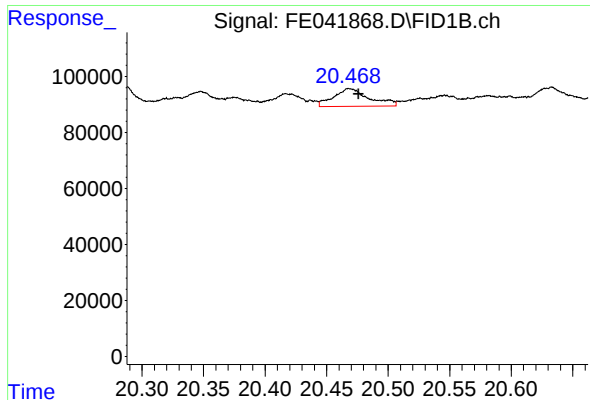
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: -0.007 min
Response: 286911
Conc: 1.93 ug/ml



#19 n-Tetratriacontane (C34)

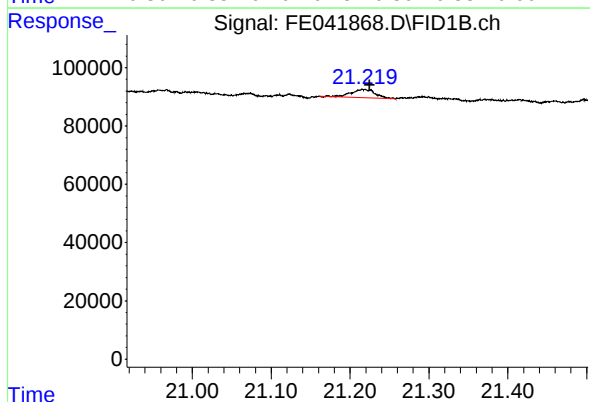
R.T.: 19.730 min
Delta R.T.: -0.006 min
Response: 169098
Conc: 1.20 ug/ml



#20 n-Hexatriacontane (C36)

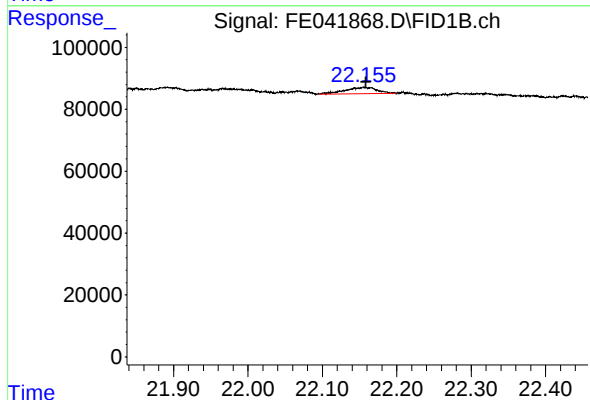
R.T.: 20.468 min
Delta R.T.: -0.008 min
Response: 126304
Conc: 0.94 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: -0.007 min
Response: 59626
Conc: 0.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: -0.003 min
Response: 62094
Conc: 0.49 ug/ml