

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111723AL\
 Data File : FE045440.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2023 23:50
 Operator : YP\AJ
 Sample : 05464-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 18 00:53:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.874	6139354	32.155 ug/ml
Spiked Amount 50.000		Recovery =	64.31%
12) S 1-chlorooctadecane (S...	13.314	23028792	167.192 ug/ml
Spiked Amount 50.000		Recovery =	334.38%
Target Compounds			
5) T A~2-methylnaphthalene...	7.311	82687	0.482 ug/ml
6) T n-Tetradecane (C14)	8.504	222886	1.337 ug/ml
7) T n-Hexadecane (C16)	10.113	481386	2.862 ug/ml
8) T n-Octadecane (C18)	11.559	392268	2.344 ug/ml
10) T n-Eicosane (C20)	12.871	348201	2.198 ug/ml
11) T n-Heneicosane (C21)	13.488	365674	2.378 ug/ml
13) T n-Docosane (C22)	14.070	309287	2.041 ug/ml
14) T n-Tetracosane (C24)	15.147	599096	4.045 ug/ml
15) T n-Hexacosane (C26)	16.200	119152	0.817 ug/ml
16) T n-Octacosane (C28)	17.154	244701	1.675 ug/ml
17) T n-Tricontane (C30)	18.040	282942	1.863 ug/ml
18) T n-Dotriacontane (C32)	18.872	219995	1.408 ug/ml
19) T n-Tetratriacontane (C34)	19.667	110865	0.710 ug/ml
20) T n-Hexatriacontane (C36)	20.408	246092	1.516 ug/ml
21) T n-Octatriacontane (C38)	21.145	466142	2.806 ug/ml
22) T n-Tetracontane (C40)	22.053	208308	1.220 ug/ml

(f)=RT Delta > 1/2 Window

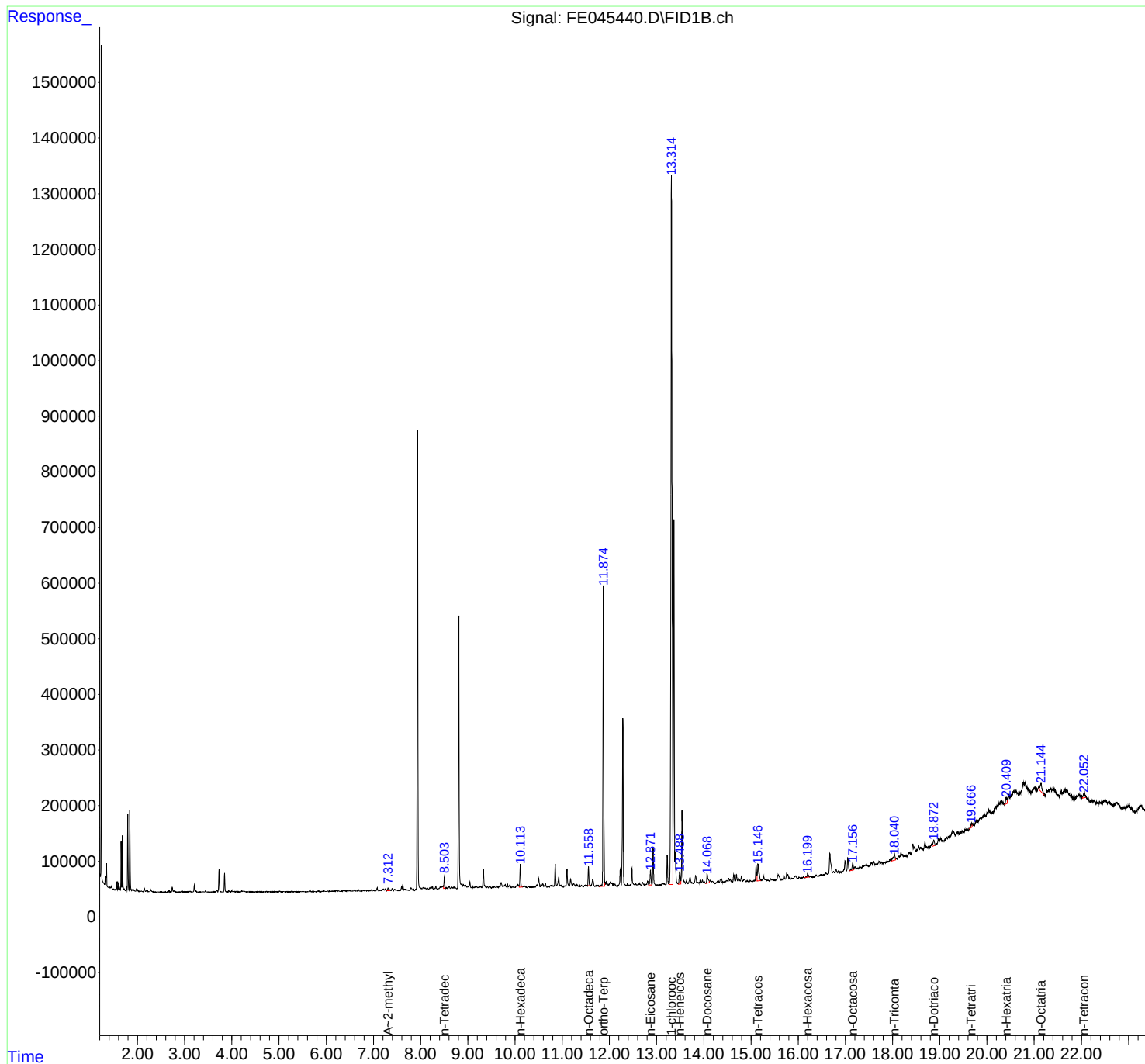
(m)=manual int.

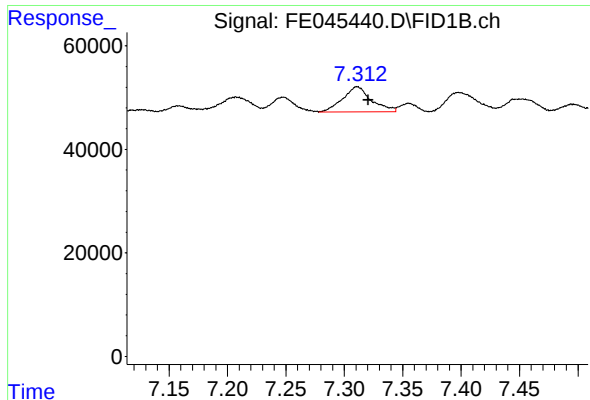
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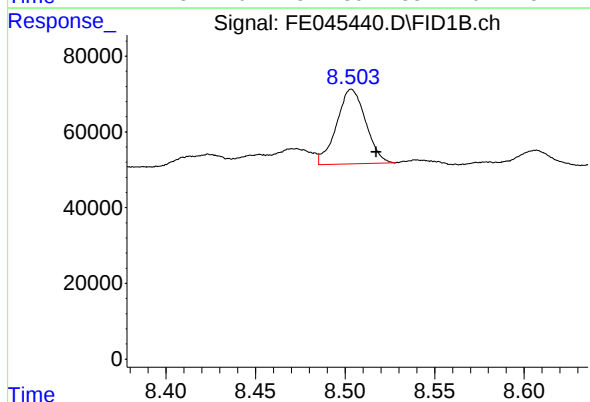




#5 A~2-methylnaphthalene (C12.89)

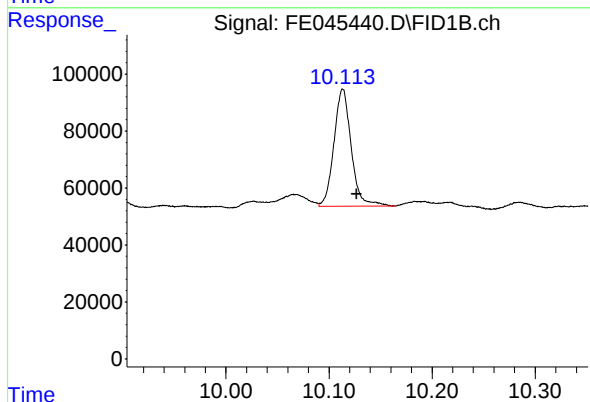
R.T.: 7.311 min
Delta R.T.: -0.010 min
Response: 82687
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :



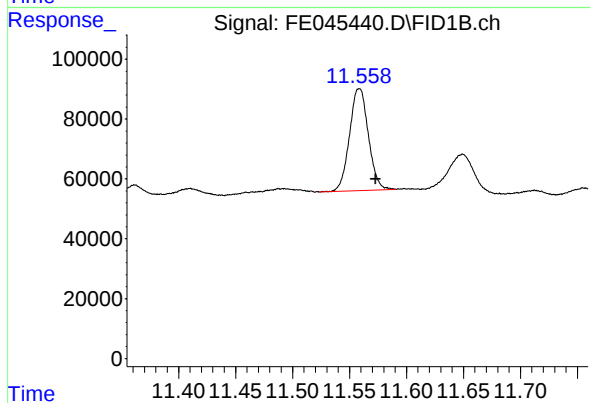
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.014 min
Response: 222886
Conc: 1.34 ug/ml



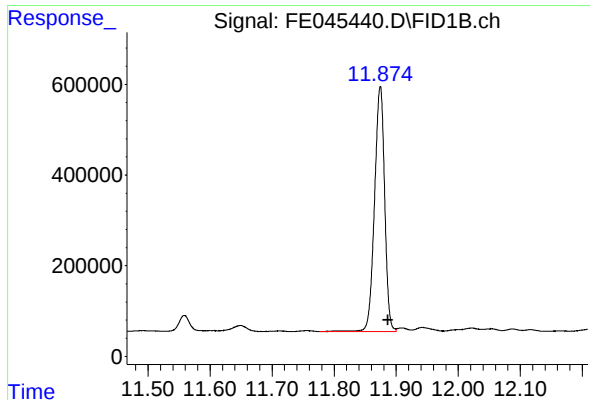
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.013 min
Response: 481386
Conc: 2.86 ug/ml



#8 n-Octadecane (C18)

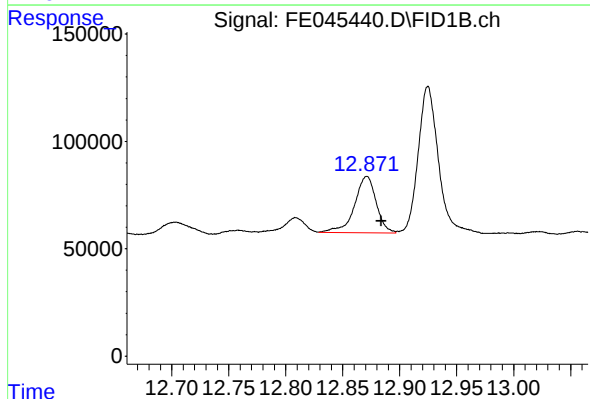
R.T.: 11.559 min
Delta R.T.: -0.014 min
Response: 392268
Conc: 2.34 ug/ml



#9 ortho-Terphenyl (SURR)

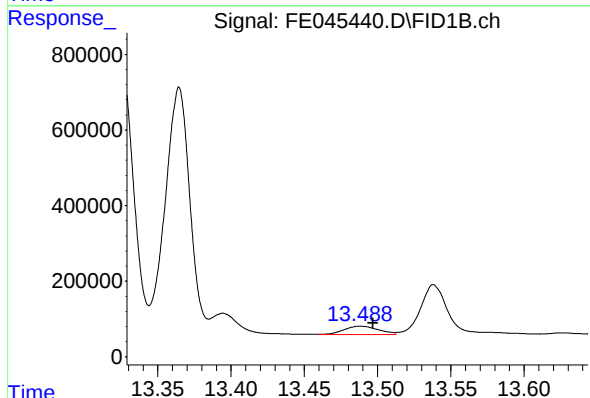
R.T.: 11.874 min
Delta R.T.: -0.012 min
Response: 6139354
Conc: 32.16 ug/ml

Instrument :
FID_E
ClientSampleId :



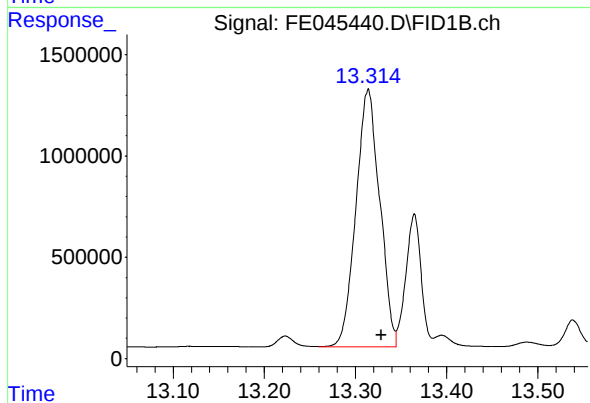
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.013 min
Response: 348201
Conc: 2.20 ug/ml



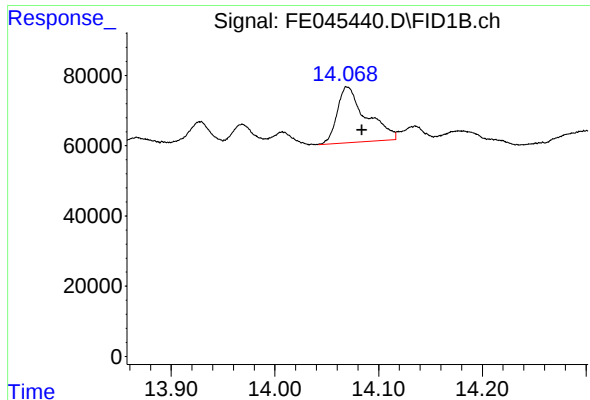
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.009 min
Response: 365674
Conc: 2.38 ug/ml



#12 1-chlorooctadecane (SURR)

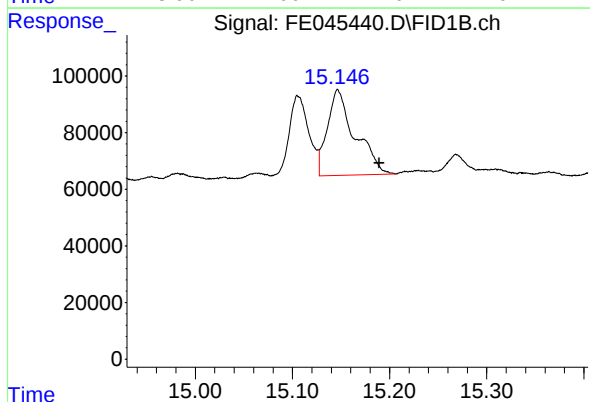
R.T.: 13.314 min
Delta R.T.: -0.014 min
Response: 23028792
Conc: 167.19 ug/ml



#13 n-Docosane (C22)

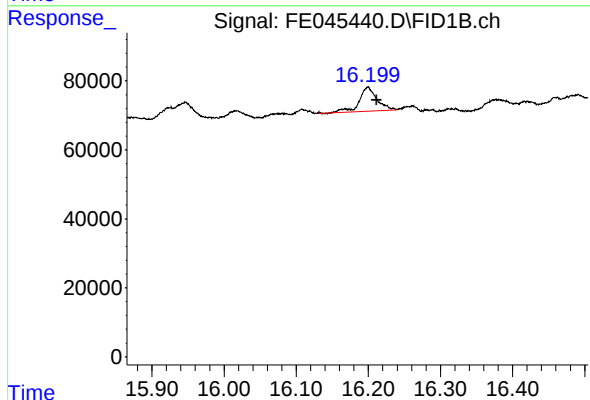
R.T.: 14.070 min
Delta R.T.: -0.014 min
Response: 309287
Conc: 2.04 ug/ml

Instrument :
FID_E
ClientSampleId :



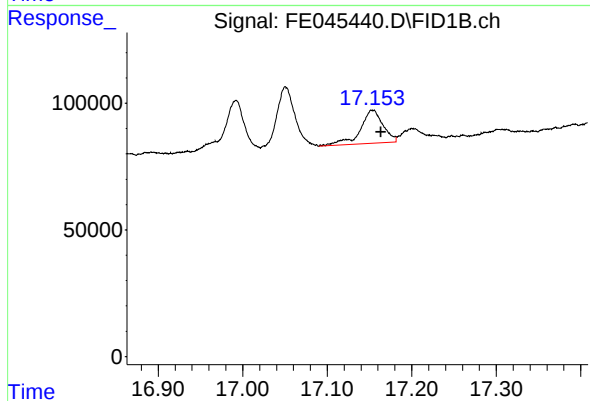
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.043 min
Response: 599096
Conc: 4.04 ug/ml



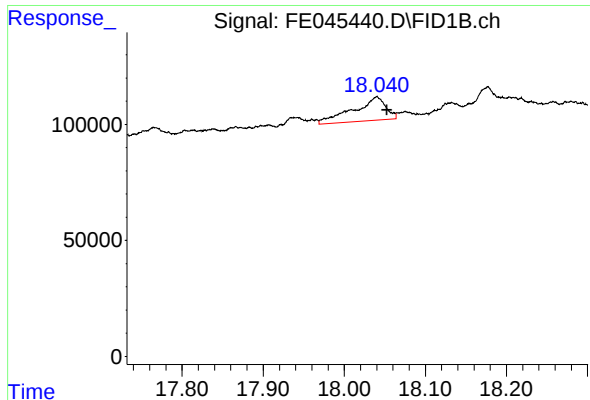
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.012 min
Response: 119152
Conc: 0.82 ug/ml



#16 n-Octacosane (C28)

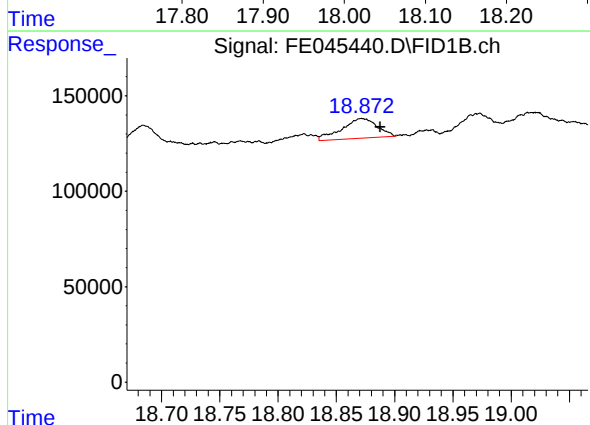
R.T.: 17.154 min
Delta R.T.: -0.010 min
Response: 244701
Conc: 1.67 ug/ml



#17 n-Tricontane (C30)

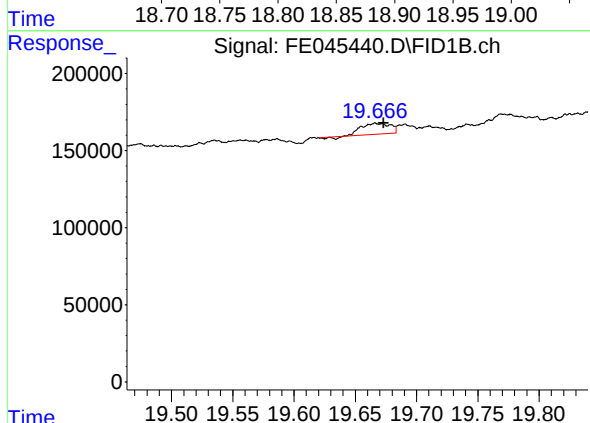
R.T.: 18.040 min
Delta R.T.: -0.013 min
Response: 282942
Conc: 1.86 ug/ml

Instrument :
FID_E
ClientSampleId :



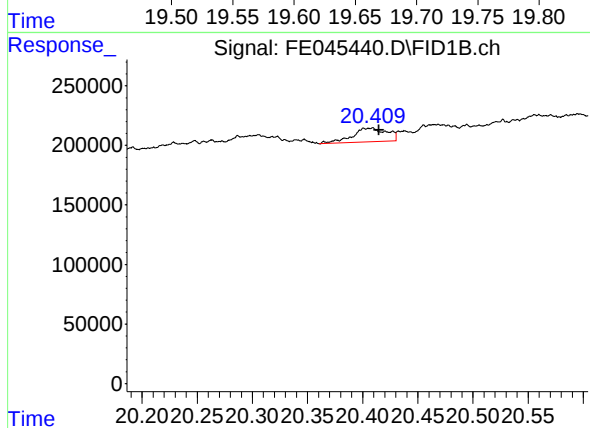
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: -0.016 min
Response: 219995
Conc: 1.41 ug/ml



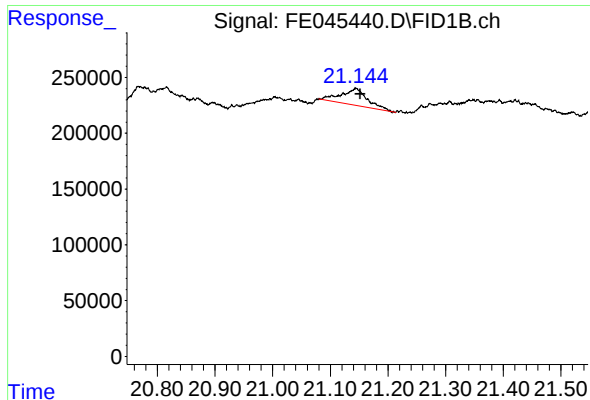
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: -0.007 min
Response: 110865
Conc: 0.71 ug/ml



#20 n-Hexatriacontane (C36)

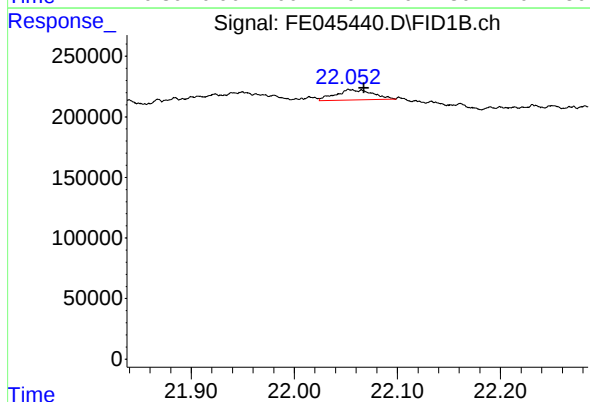
R.T.: 20.408 min
Delta R.T.: -0.006 min
Response: 246092
Conc: 1.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: -0.007 min
Response: 466142
Conc: 2.81 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.053 min
Delta R.T.: -0.014 min
Response: 208308
Conc: 1.22 ug/ml