

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111823AL\
 Data File : FE045450.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2023 12:51
 Operator : YP\AJ
 Sample : 05464-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 20 02:57:09 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)	11.876	6143962	32.179 ug/ml
Spiked Amount 50.000		Recovery =	64.36%
12) S 1-chlorooctadecane (S...	13.314	22863453	165.991 ug/ml
Spiked Amount 50.000		Recovery =	331.98%
Target Compounds			
5) T A~2-methylnaphthalene...	7.311	81130	0.472 ug/ml
6) T n-Tetradecane (C14)	8.503	267450	1.605 ug/ml
7) T n-Hexadecane (C16)	10.114	478135	2.843 ug/ml
8) T n-Octadecane (C18)	11.560	412385	2.464 ug/ml
10) T n-Eicosane (C20)	12.872	377979	2.386 ug/ml
11) T n-Heneicosane (C21)	13.489	342422	2.227 ug/ml
13) T n-Docosane (C22)	14.072	209321	1.382 ug/ml
14) T n-Tetracosane (C24)	15.149	595120	4.018 ug/ml
15) T n-Hexacosane (C26)	16.200	117364	0.805 ug/ml
16) T n-Octacosane (C28)	17.156	215422	1.474 ug/ml
17) T n-Tricontane (C30)	18.042	288360	1.898 ug/ml
18) T n-Dotriacontane (C32)	18.877	182164	1.166 ug/ml
19) T n-Tetratriacontane (C34)	19.670	204426	1.309 ug/ml
20) T n-Hexatriacontane (C36)	20.412	220335	1.357 ug/ml
21) T n-Octatriacontane (C38)	21.147	259692	1.563 ug/ml
22) T n-Tetracontane (C40)	22.059	146026	0.855 ug/ml

(f)=RT Delta > 1/2 Window

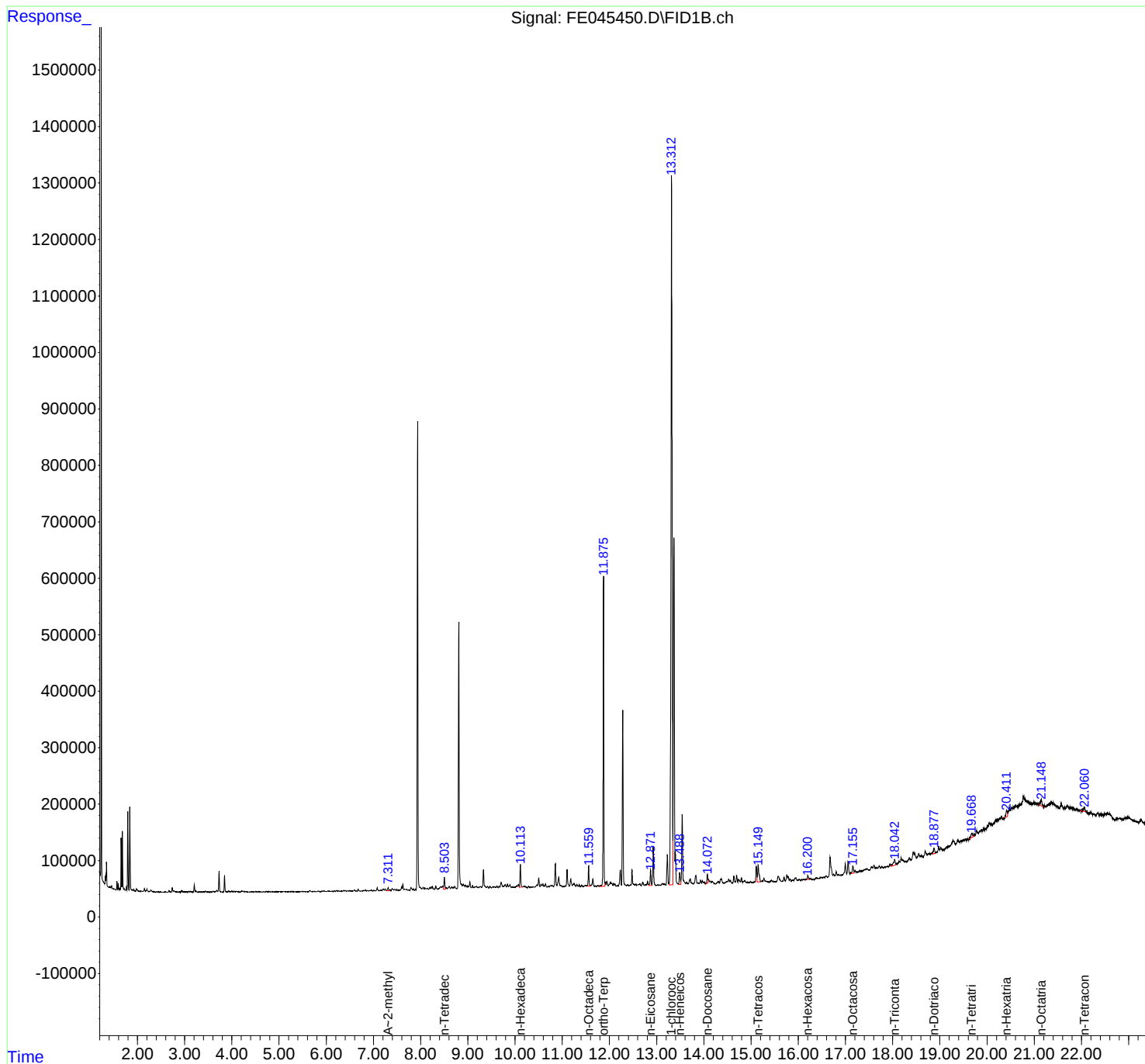
(m)=manual int.

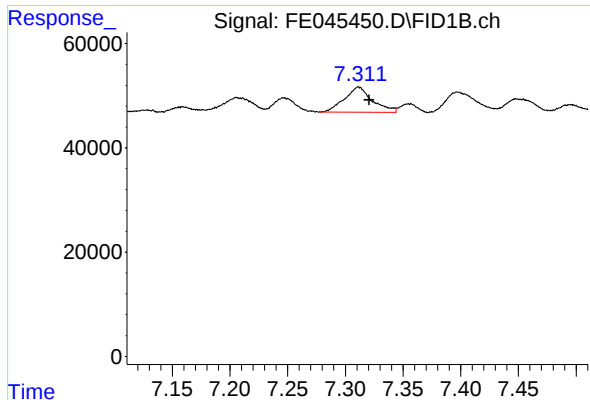
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Signal Info : 20M x 0.18mm x 0.18um

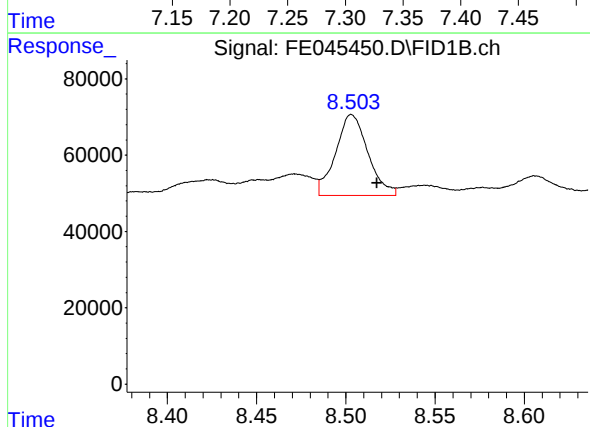




#5 A~2-methylnaphthalene (C12.89)

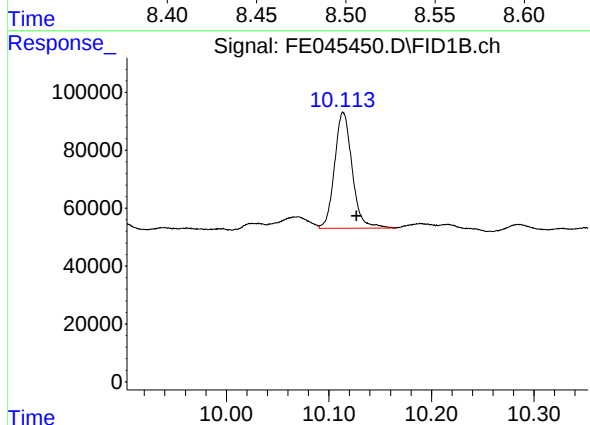
R.T.: 7.311 min
Delta R.T.: -0.009 min
Response: 81130
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :



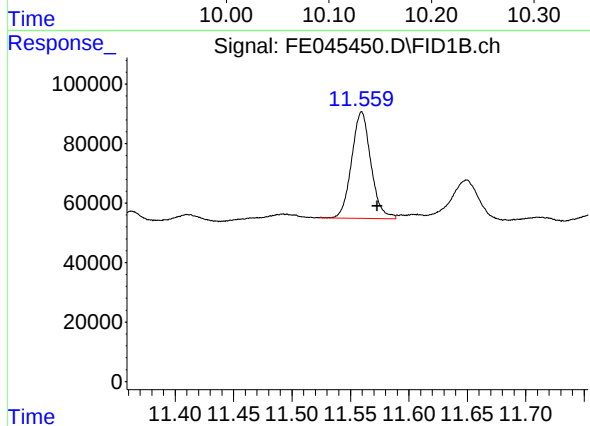
#6 n-Tetradecane (C14)

R.T.: 8.503 min
Delta R.T.: -0.014 min
Response: 267450
Conc: 1.60 ug/ml



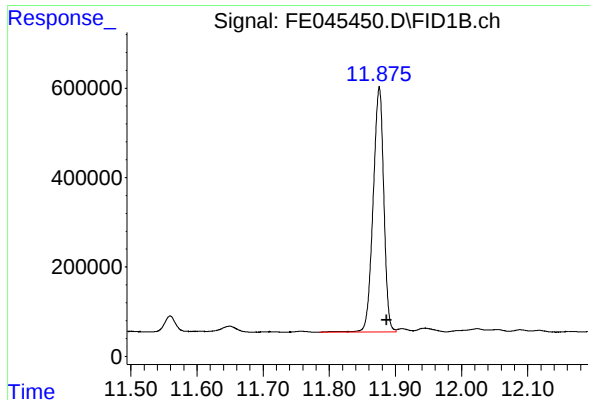
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.013 min
Response: 478135
Conc: 2.84 ug/ml



#8 n-Octadecane (C18)

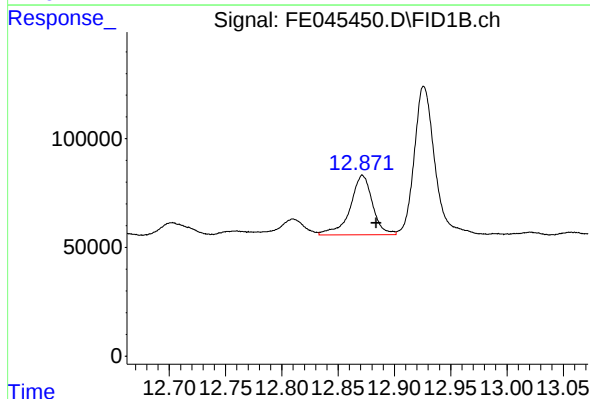
R.T.: 11.560 min
Delta R.T.: -0.013 min
Response: 412385
Conc: 2.46 ug/ml



#9 ortho-Terphenyl (SURR)

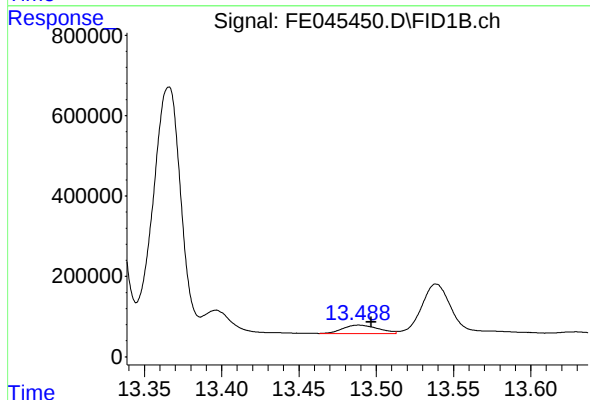
R.T.: 11.876 min
Delta R.T.: -0.011 min
Response: 6143962
Conc: 32.18 ug/ml

Instrument :
FID_E
ClientSampleId :



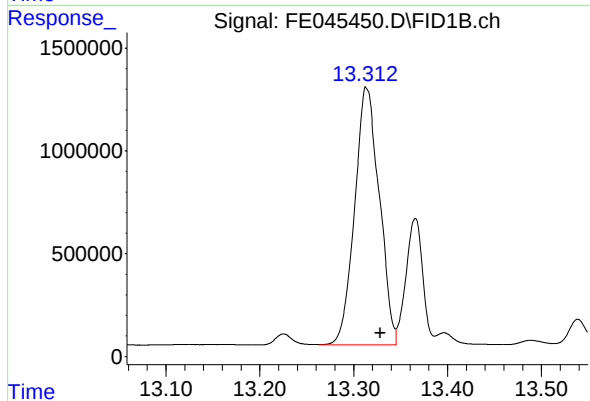
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: -0.012 min
Response: 377979
Conc: 2.39 ug/ml



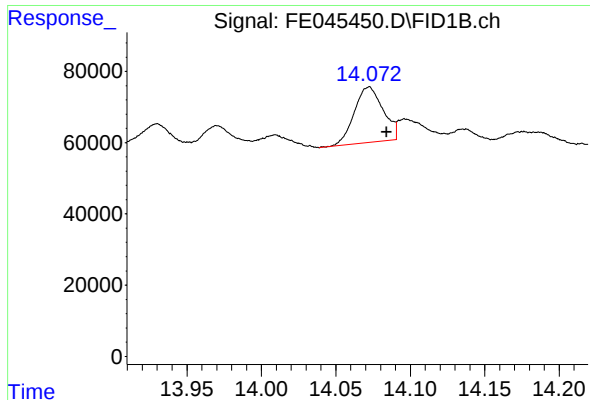
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: -0.008 min
Response: 342422
Conc: 2.23 ug/ml



#12 1-chlorooctadecane (SURR)

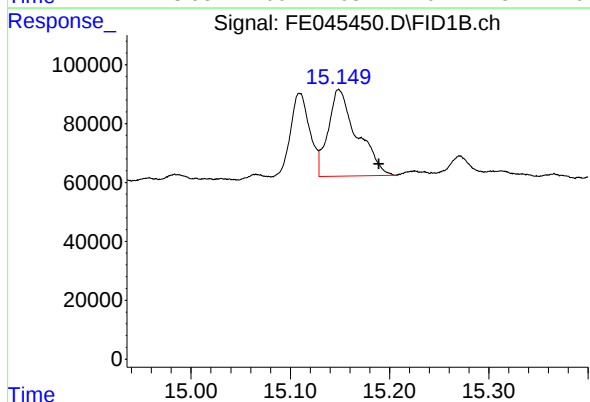
R.T.: 13.314 min
Delta R.T.: -0.015 min
Response: 22863453
Conc: 165.99 ug/ml



#13 n-Docosane (C22)

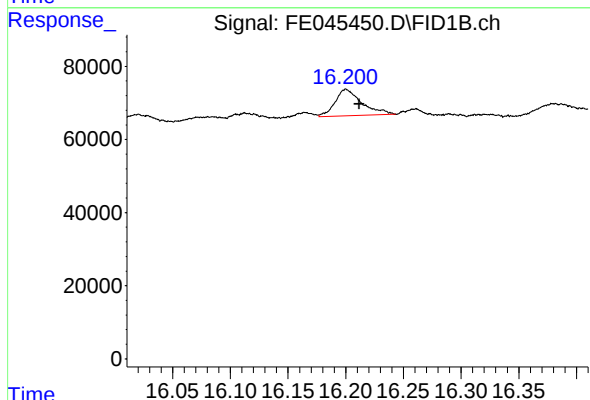
R.T.: 14.072 min
Delta R.T.: -0.012 min
Response: 209321
Conc: 1.38 ug/ml

Instrument :
FID_E
ClientSampleId :



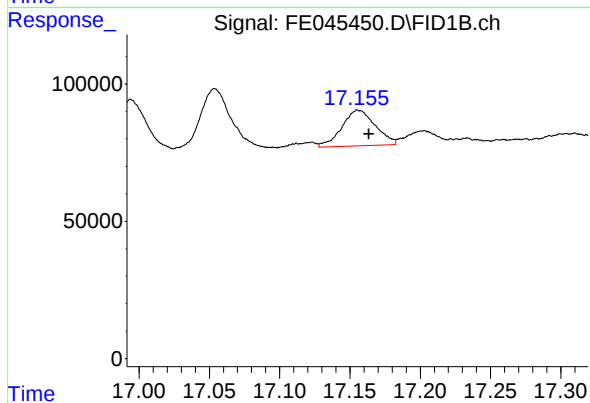
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.040 min
Response: 595120
Conc: 4.02 ug/ml



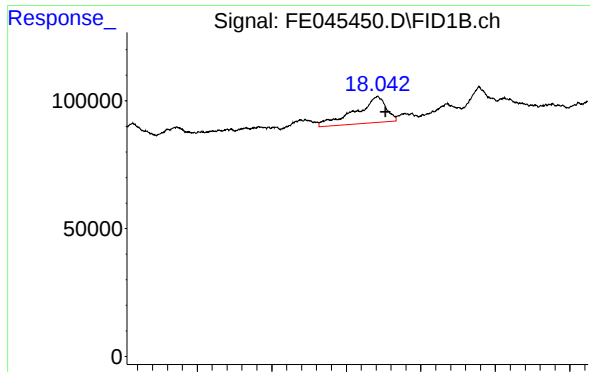
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.012 min
Response: 117364
Conc: 0.81 ug/ml



#16 n-Octacosane (C28)

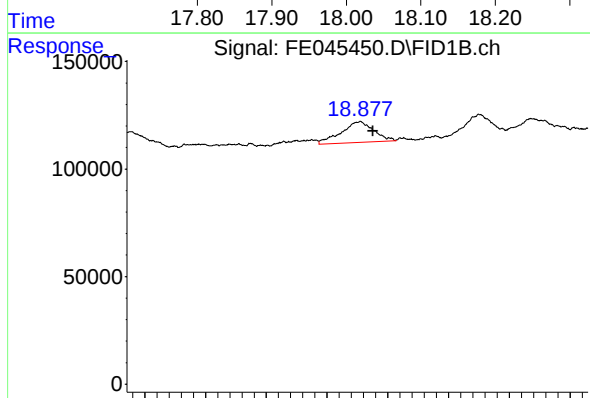
R.T.: 17.156 min
Delta R.T.: -0.008 min
Response: 215422
Conc: 1.47 ug/ml



#17 n-Tricontane (C30)

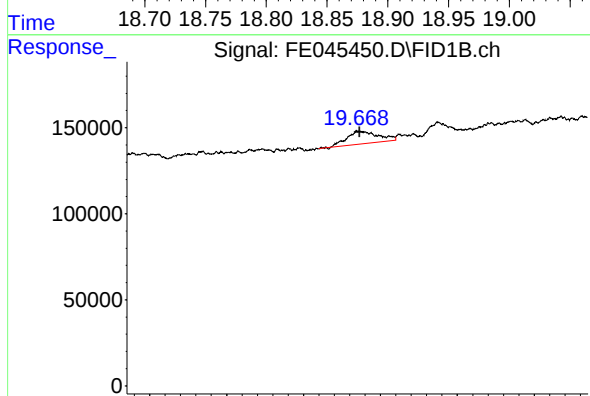
R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 288360
Conc: 1.90 ug/ml

Instrument :
FID_E
ClientSampleId :



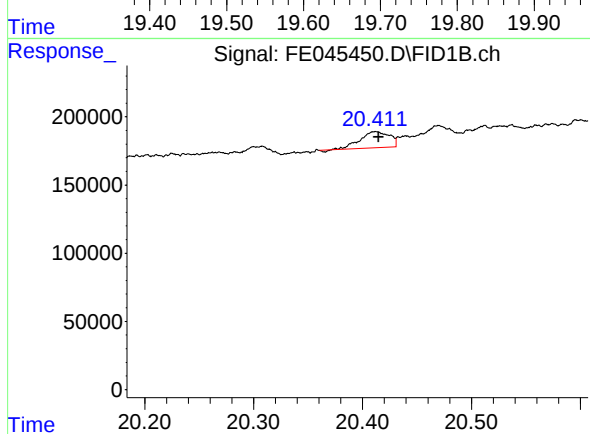
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.010 min
Response: 182164
Conc: 1.17 ug/ml



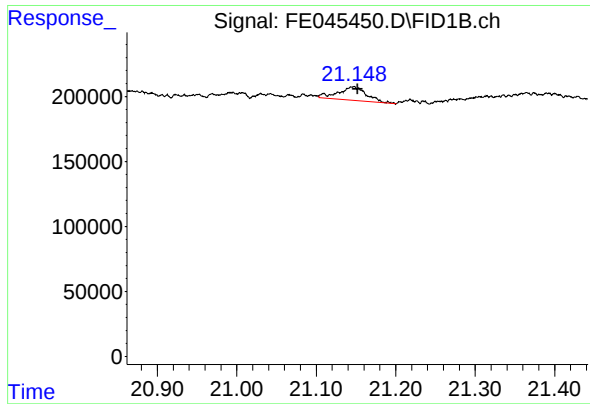
#19 n-Tetratriacontane (C34)

R.T.: 19.670 min
Delta R.T.: -0.003 min
Response: 204426
Conc: 1.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.412 min
Delta R.T.: -0.003 min
Response: 220335
Conc: 1.36 ug/ml



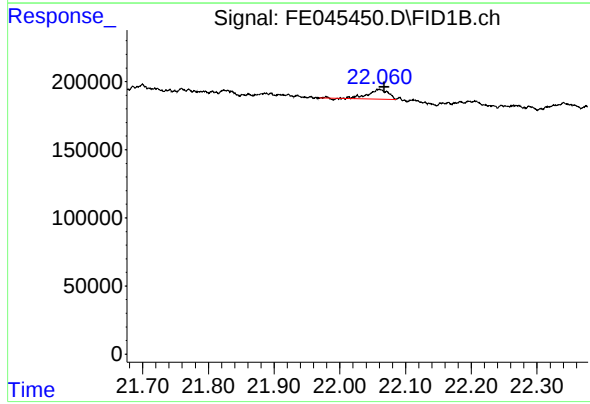
#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.005 min
Response: 259692
Conc: 1.56 ug/ml

Instrument :

FID_E

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.059 min
Delta R.T.: -0.008 min
Response: 146026
Conc: 0.85 ug/ml