

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112823AL\
 Data File : FE045558.D
 Signal(s) : FID1B.ch
 Acq On : 28 Nov 2023 16:46
 Operator : YP\AJ
 Sample : 05553-02D
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 28 23:06:33 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)	11.866	6214190	32.547 ug/ml
Spiked Amount 50.000		Recovery =	65.09%
12) S 1-chlorooctadecane (S...	13.309	4589811	33.323 ug/ml
Spiked Amount 50.000		Recovery =	66.65%
Target Compounds			
4) T n-Dodecane (C12)	6.671	34320	0.203 ug/ml
6) T n-Tetradecane (C14)	8.496	98592	0.592 ug/ml
7) T n-Hexadecane (C16)	10.106	121548	0.723 ug/ml
8) T n-Octadecane (C18)	11.551	106230	0.635 ug/ml
10) T n-Eicosane (C20)	12.863	136627	0.862 ug/ml
11) T n-Heneicosane (C21)	13.476	128735	0.837 ug/ml
13) T n-Docosane (C22)	14.062	177288	1.170 ug/ml
14) T n-Tetracosane (C24)	15.168	164087	1.108 ug/ml
15) T n-Hexacosane (C26)	16.192	317489	2.178 ug/ml
16) T n-Octacosane (C28)	17.148	334533	2.289 ug/ml
17) T n-Tricontane (C30)	18.072	107656	0.709 ug/ml
18) T n-Dotriacontane (C32)	18.869	618811	3.961 ug/ml
19) T n-Tetratriacontane (C34)	19.661	383344	2.455 ug/ml
20) T n-Hexatriacontane (C36)	20.407	320777	1.976 ug/ml
21) T n-Octatriacontane (C38)	21.146	416462	2.507 ug/ml
22) T n-Tetracontane (C40)	22.066	440177	2.577 ug/ml

(f)=RT Delta > 1/2 Window

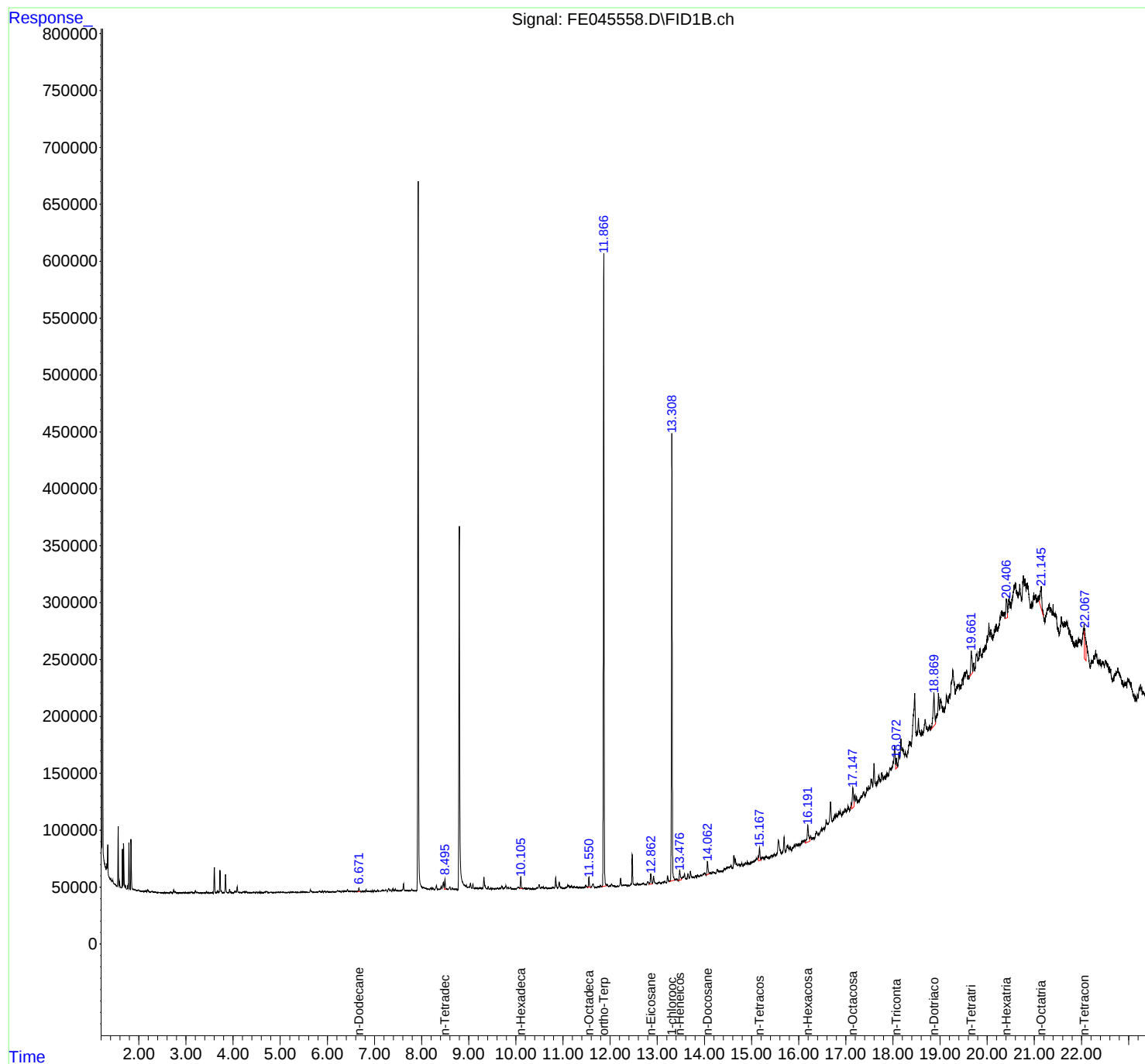
(m)=manual int.

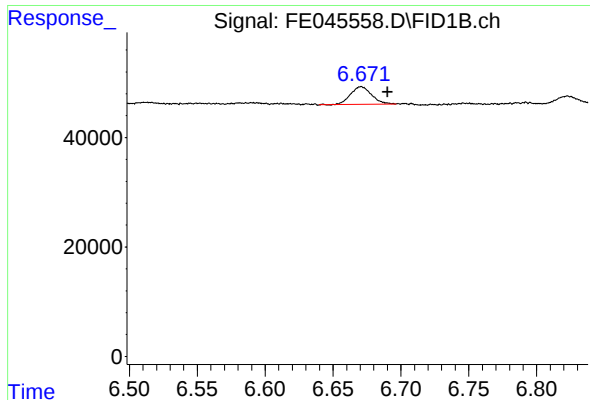
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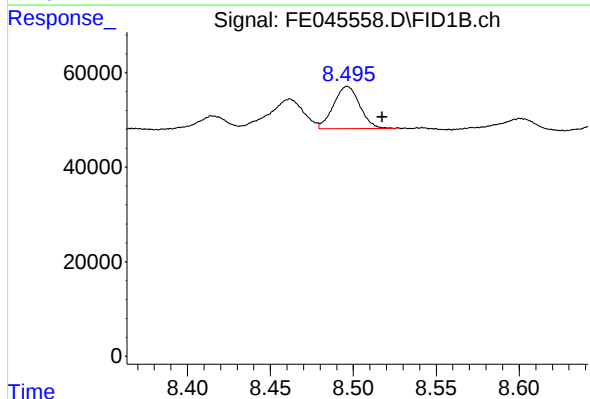




#4 n-Dodecane (C12)

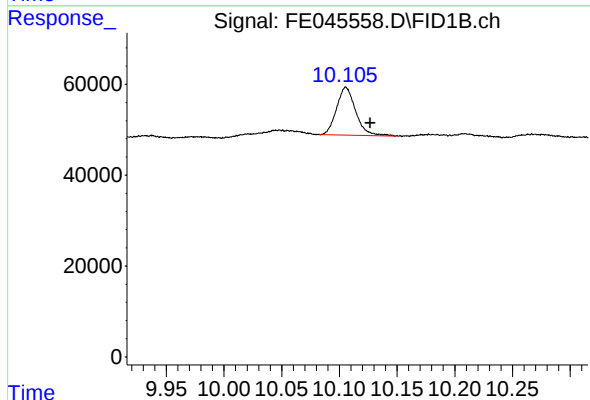
R.T.: 6.671 min
Delta R.T.: -0.020 min
Response: 34320
Conc: 0.20 ug/ml

Instrument :
FID_E
ClientSampleId :



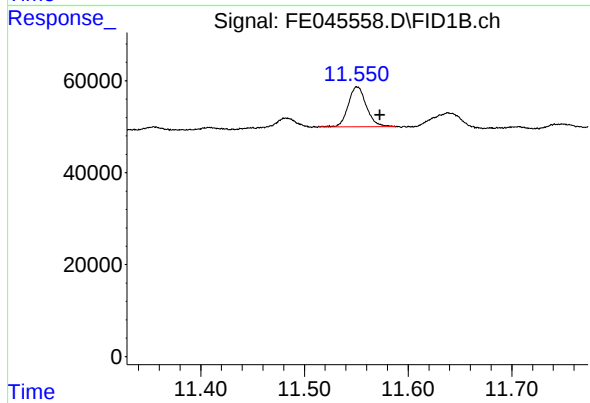
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: -0.021 min
Response: 98592
Conc: 0.59 ug/ml



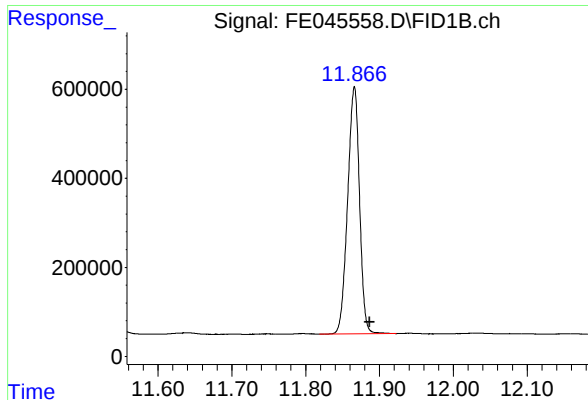
#7 n-Hexadecane (C16)

R.T.: 10.106 min
Delta R.T.: -0.021 min
Response: 121548
Conc: 0.72 ug/ml



#8 n-Octadecane (C18)

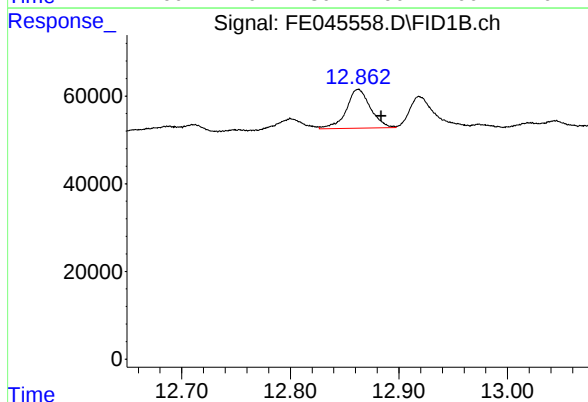
R.T.: 11.551 min
Delta R.T.: -0.022 min
Response: 106230
Conc: 0.63 ug/ml



#9 ortho-Terphenyl (SURR)

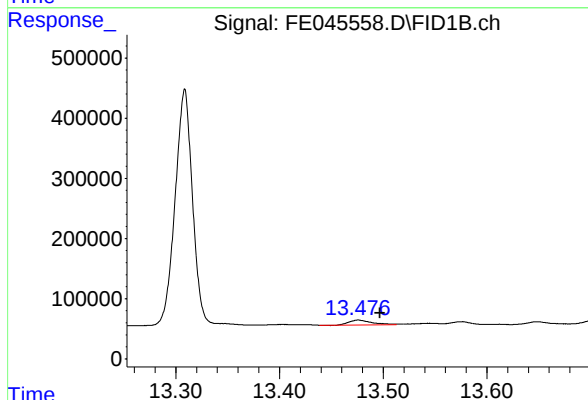
R.T.: 11.866 min
Delta R.T.: -0.021 min
Response: 6214190
Conc: 32.55 ug/ml

Instrument :
FID_E
ClientSampleId :



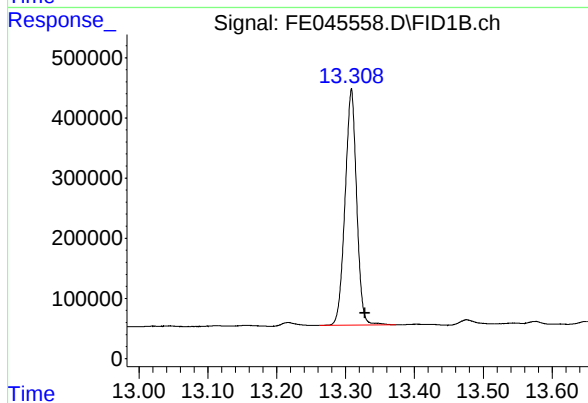
#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: -0.021 min
Response: 136627
Conc: 0.86 ug/ml



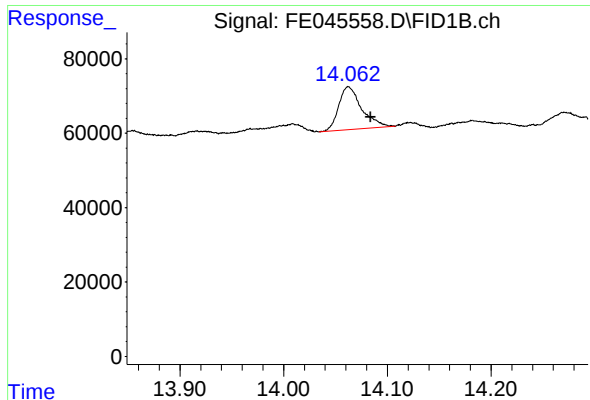
#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: -0.021 min
Response: 128735
Conc: 0.84 ug/ml



#12 1-chlorooctadecane (SURR)

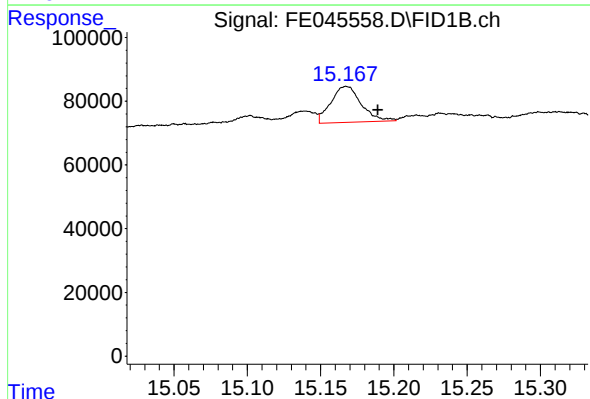
R.T.: 13.309 min
Delta R.T.: -0.020 min
Response: 4589811
Conc: 33.32 ug/ml



#13 n-Docosane (C22)

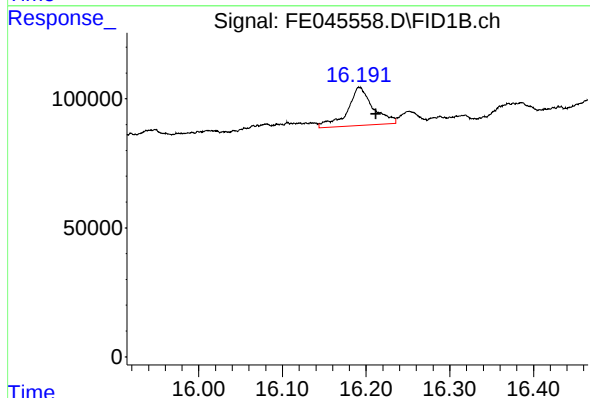
R.T.: 14.062 min
Delta R.T.: -0.022 min
Response: 177288
Conc: 1.17 ug/ml

Instrument :
FID_E
ClientSampleId :



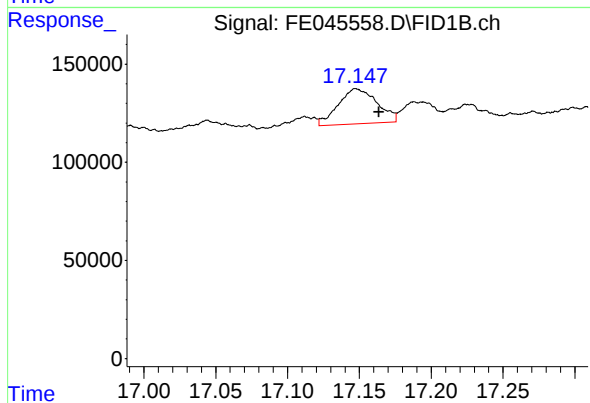
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.022 min
Response: 164087
Conc: 1.11 ug/ml



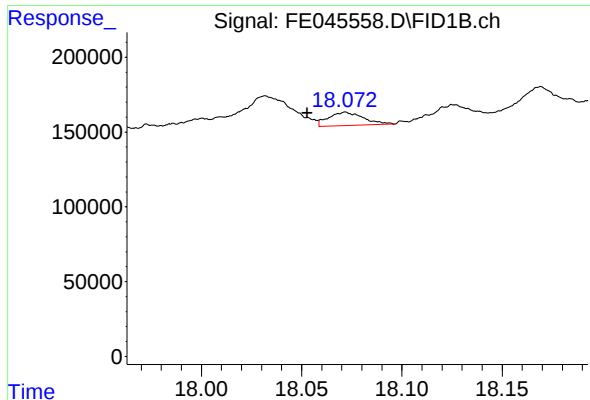
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.020 min
Response: 317489
Conc: 2.18 ug/ml



#16 n-Octacosane (C28)

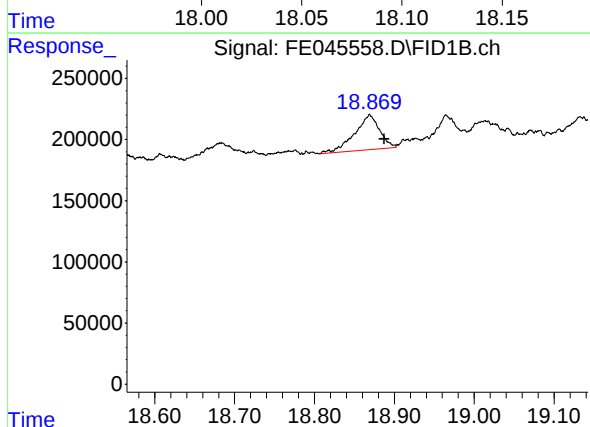
R.T.: 17.148 min
Delta R.T.: -0.016 min
Response: 334533
Conc: 2.29 ug/ml



#17 n-Tricontane (C30)

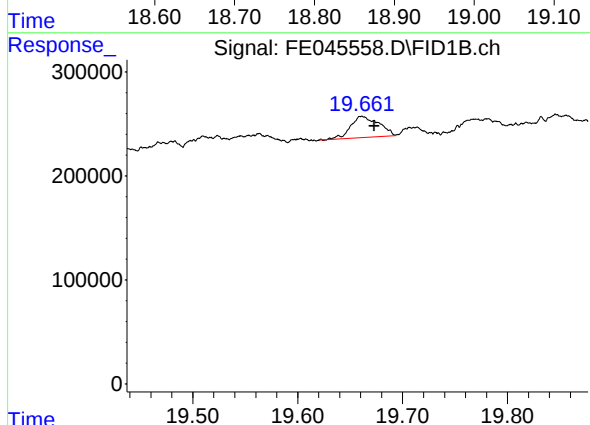
R.T.: 18.072 min
Delta R.T.: 0.019 min
Response: 107656
Conc: 0.71 ug/ml

Instrument :
FID_E
ClientSampleId :



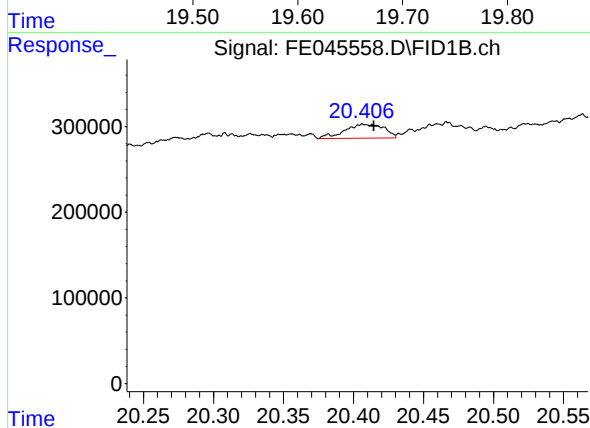
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.018 min
Response: 618811
Conc: 3.96 ug/ml



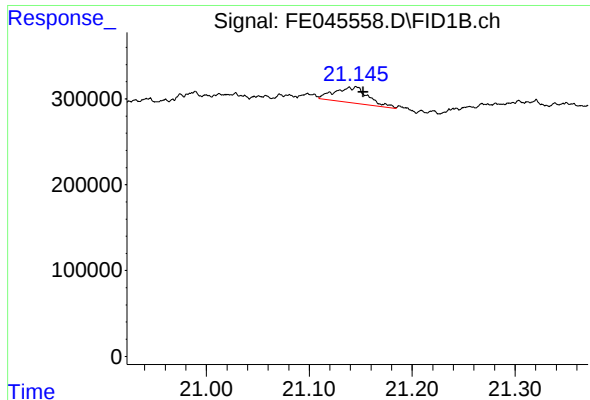
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.012 min
Response: 383344
Conc: 2.46 ug/ml



#20 n-Hexatriacontane (C36)

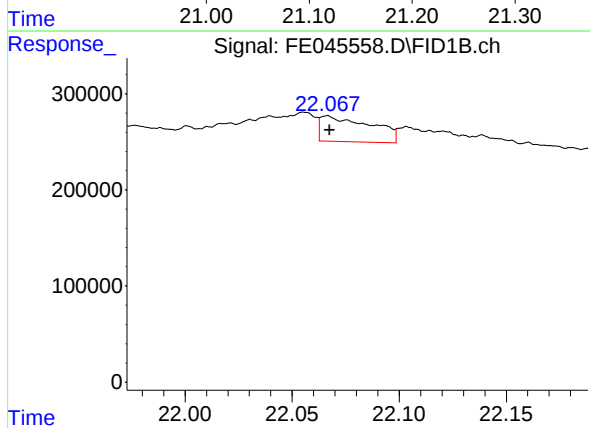
R.T.: 20.407 min
Delta R.T.: -0.008 min
Response: 320777
Conc: 1.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: -0.006 min
Response: 416462
Conc: 2.51 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.001 min
Response: 440177
Conc: 2.58 ug/ml