

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
 Data File : FE049338.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2024 17:44
 Operator : YP\AJ
 Sample : P3403-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 01 01:21:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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)	11.917	26052994	167.972 ug/ml
Spiked Amount 50.000		Recovery =	335.94%
12) S 1-chlorooctadecane (S...	13.355	21694536	185.684 ug/ml
Spiked Amount 50.000		Recovery =	371.37%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.250	69900	0.449 ug/ml
5) T A~2-methylnaphthalene...	7.344	107853	0.741 ug/ml
6) T n-Tetradecane (C14)	8.540	1657208	10.919 ug/ml
7) T n-Hexadecane (C16)	10.159	5047818	33.285 ug/ml
8) T n-Octadecane (C18)	11.571	29431885	193.846 ug/ml
10) T n-Eicosane (C20)	12.909	16446352	113.731 ug/ml
11) T n-Heneicosane (C21)	13.563f	20097421	141.723 ug/ml
13) T n-Docosane (C22)	14.115	10366894	73.789 ug/ml
14) T n-Tetracosane (C24)	15.194	7011019	50.025 ug/ml
15) T n-Hexacosane (C26)	16.228	1979906	14.120 ug/ml
16) T n-Octacosane (C28)	17.186	1731190	12.369 ug/ml
17) T n-Tricontane (C30)	18.048	466066	3.195 ug/ml
18) T n-Dotriacontane (C32)	18.877	404244	2.749 ug/ml
19) T n-Tetratriacontane (C34)	19.662	127776	0.875 ug/ml
20) T n-Hexatriacontane (C36)	20.446	149296	1.036 ug/ml
21) T n-Octatriacontane (C38)	21.122	115131	0.769 ug/ml
22) T n-Tetracontane (C40)	22.038	146244	0.969 ug/ml

(f)=RT Delta > 1/2 Window

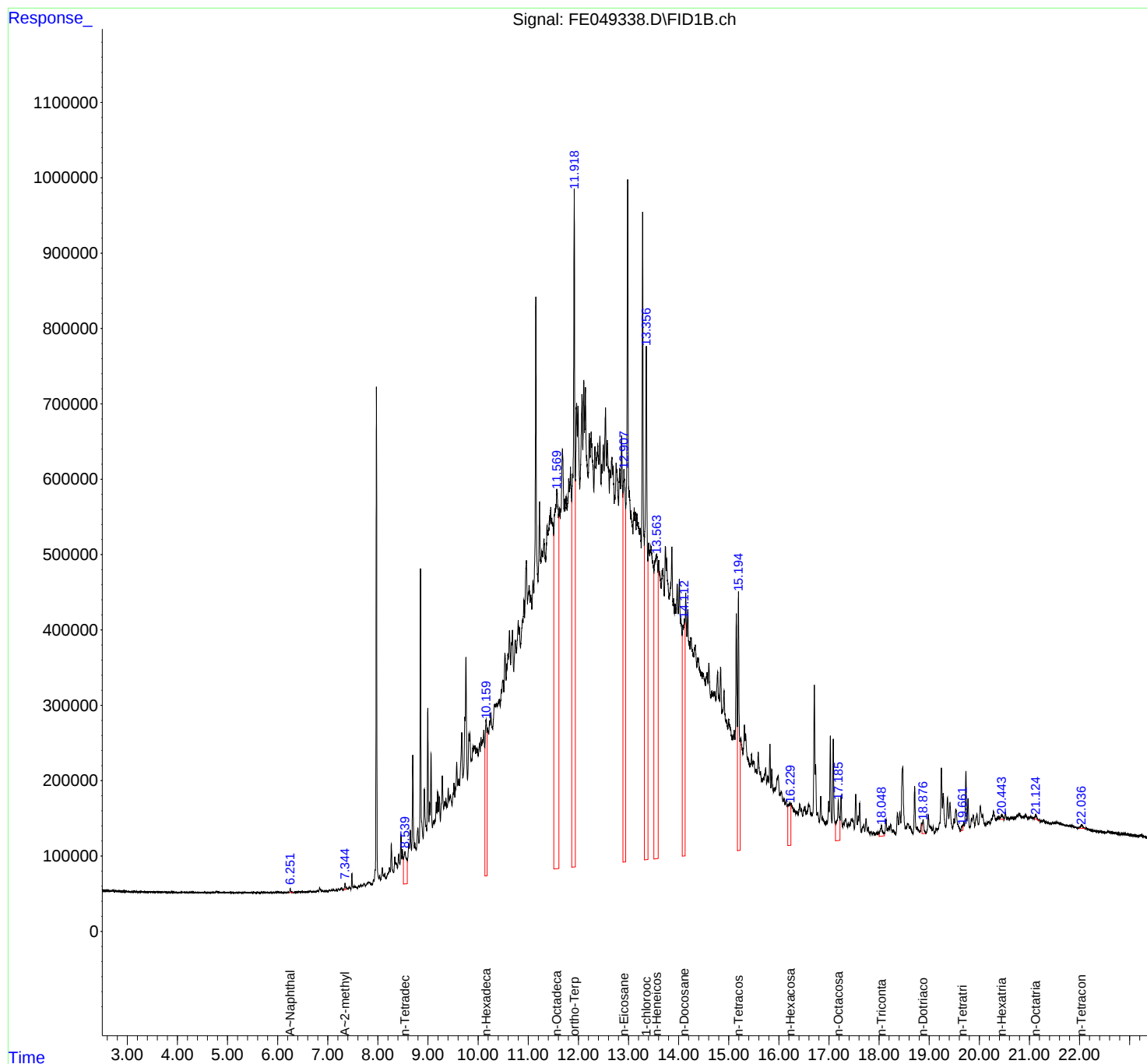
(m)=manual int.

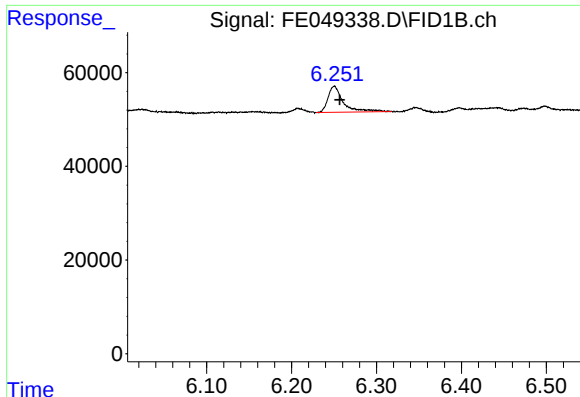
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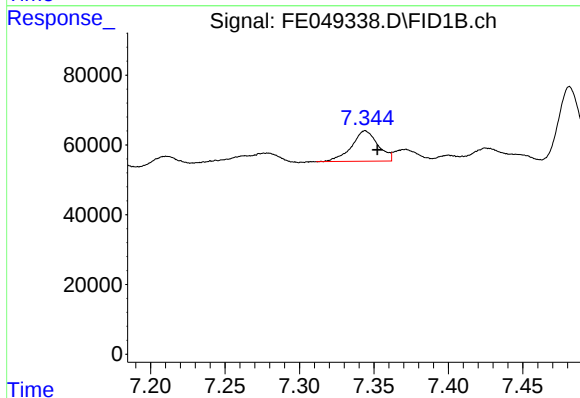




#3 A~Naphthalene (C11.7)

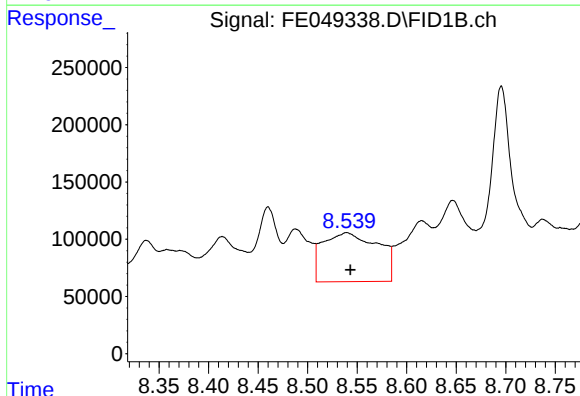
R.T.: 6.250 min
Delta R.T.: -0.006 min
Response: 69900
Conc: 0.45 ug/ml

Instrument :
FID_E
ClientSampleId :



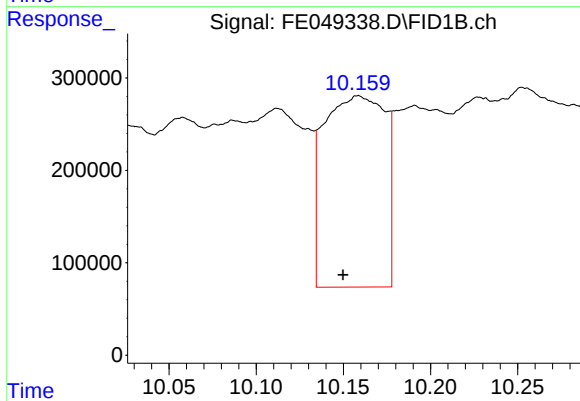
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.344 min
Delta R.T.: -0.008 min
Response: 107853
Conc: 0.74 ug/ml



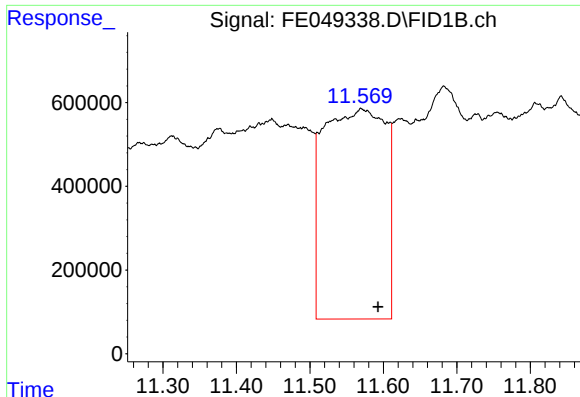
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.003 min
Response: 1657208
Conc: 10.92 ug/ml



#7 n-Hexadecane (C16)

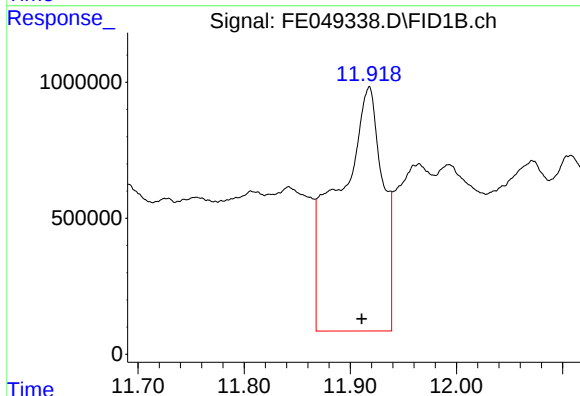
R.T.: 10.159 min
Delta R.T.: 0.009 min
Response: 5047818
Conc: 33.28 ug/ml



#8 n-Octadecane (C18)

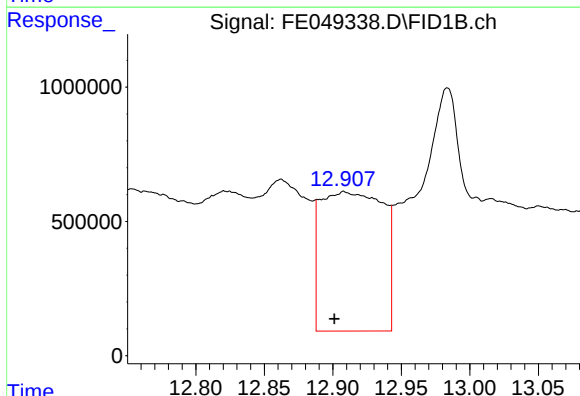
R.T.: 11.571 min
Delta R.T.: -0.022 min
Response: 29431885
Conc: 193.85 ug/ml

Instrument :
FID_E
ClientSampleId :



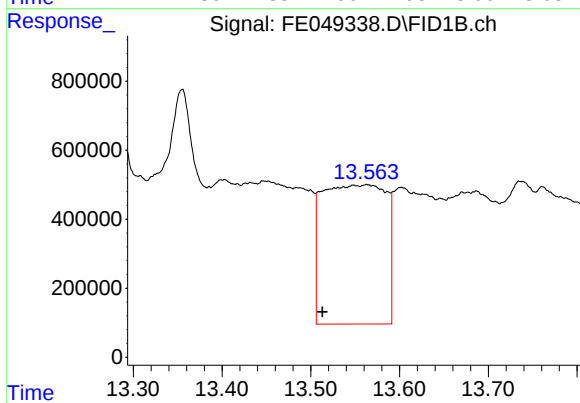
#9 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: 0.006 min
Response: 26052994
Conc: 167.97 ug/ml



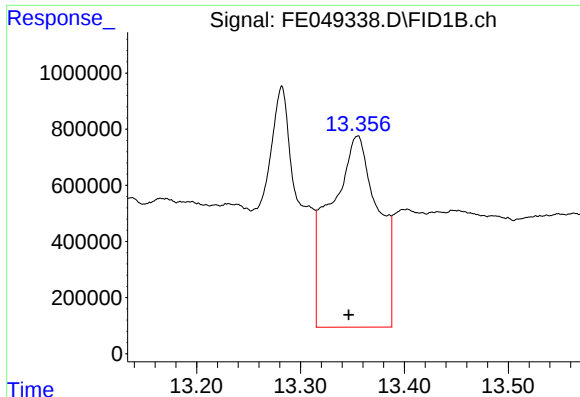
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.007 min
Response: 16446352
Conc: 113.73 ug/ml



#11 n-Heneicosane (C21)

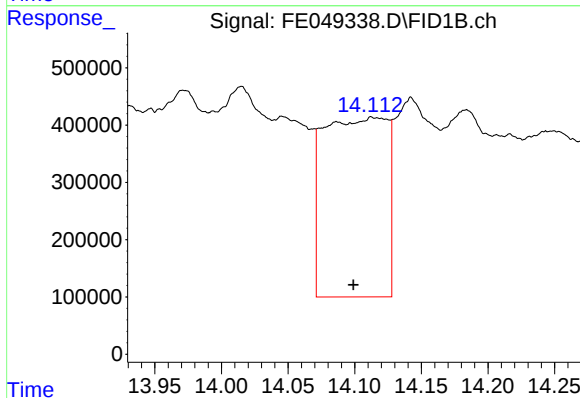
R.T.: 13.563 min
Delta R.T.: 0.050 min
Response: 20097421
Conc: 141.72 ug/ml



#12 1-chlorooctadecane (SURR)

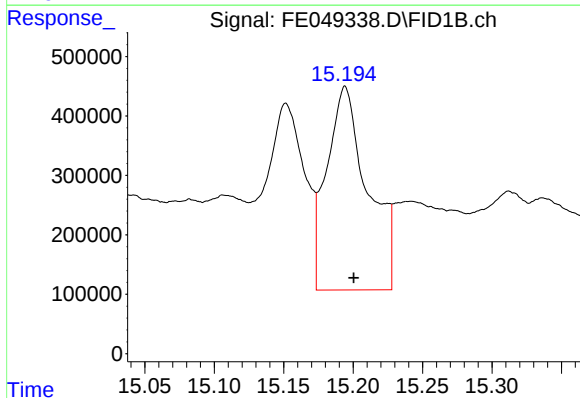
R.T.: 13.355 min
Delta R.T.: 0.008 min
Response: 21694536
Conc: 185.68 ug/ml

Instrument :
FID_E
ClientSampleId :



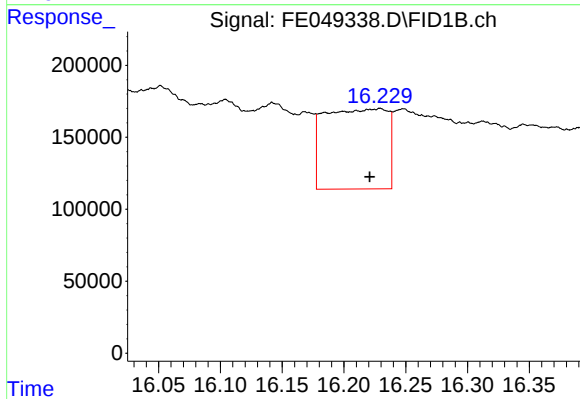
#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: 0.016 min
Response: 10366894
Conc: 73.79 ug/ml



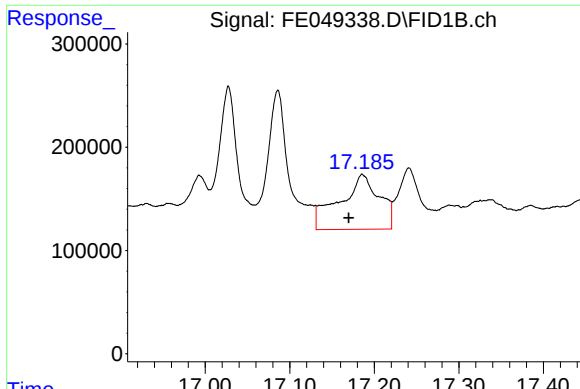
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.006 min
Response: 7011019
Conc: 50.02 ug/ml



#15 n-Hexacosane (C26)

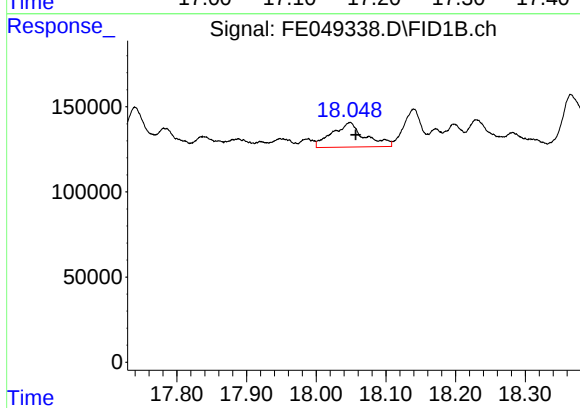
R.T.: 16.228 min
Delta R.T.: 0.007 min
Response: 1979906
Conc: 14.12 ug/ml



#16 n-Octacosane (C28)

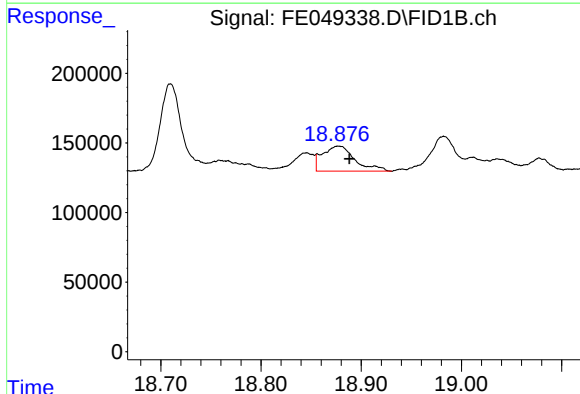
R.T.: 17.186 min
Delta R.T.: 0.016 min
Response: 1731190
Conc: 12.37 ug/ml

Instrument :
FID_E
ClientSampleId :



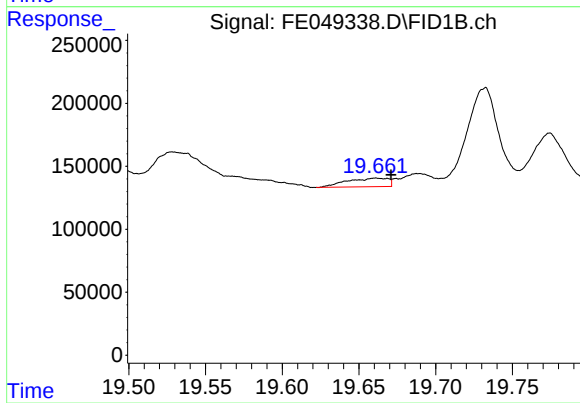
#17 n-Tricontane (C30)

R.T.: 18.048 min
Delta R.T.: -0.009 min
Response: 466066
Conc: 3.20 ug/ml



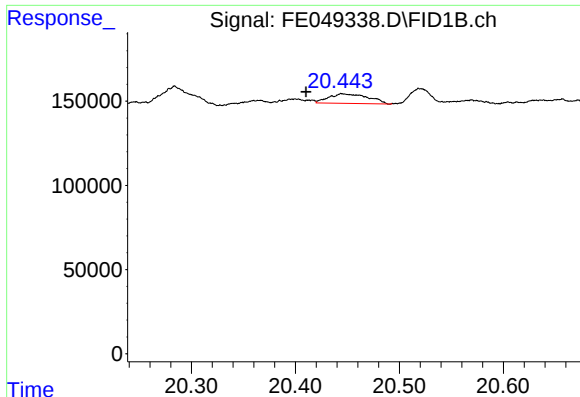
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.011 min
Response: 404244
Conc: 2.75 ug/ml



#19 n-Tetratriacontane (C34)

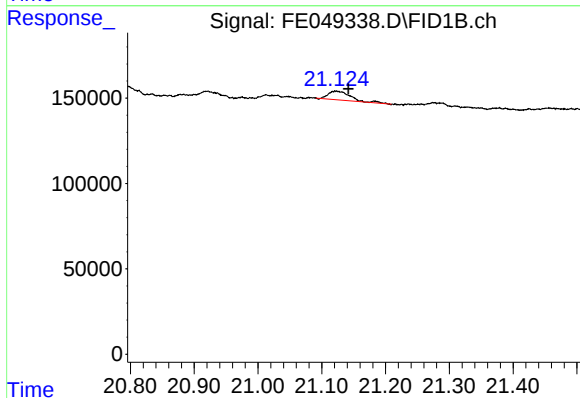
R.T.: 19.662 min
Delta R.T.: -0.009 min
Response: 127776
Conc: 0.87 ug/ml



#20 n-Hexatriacontane (C36)

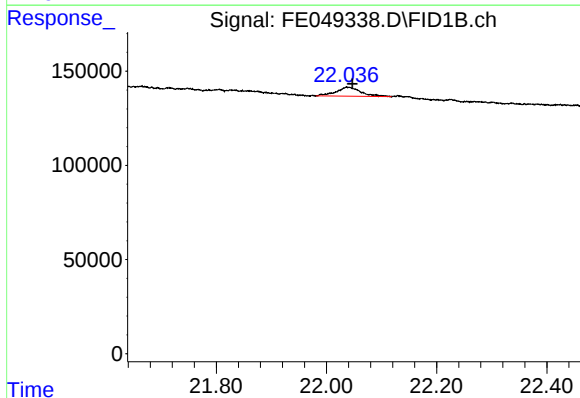
R.T.: 20.446 min
Delta R.T.: 0.035 min
Response: 149296
Conc: 1.04 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.019 min
Response: 115131
Conc: 0.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: -0.008 min
Response: 146244
Conc: 0.97 ug/ml