

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090624AL\
 Data File : FE049953.D
 Signal(s) : FID1B.ch
 Acq On : 06 Sep 2024 17:29
 Operator : YP\AJ
 Sample : P3852-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 07 00:59:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.934	14268754	88.236 ug/ml
Spiked Amount 50.000		Recovery =	176.47%
12) S 1-chlorooctadecane (S...	13.335	1189839	9.752 ug/ml
Spiked Amount 50.000		Recovery =	19.50%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.221	90402	0.563 ug/ml
4) T n-Dodecane (C12)	6.691	254119	1.616 ug/ml
5) T A~2-methylnaphthalene...	7.328	1114294	7.441 ug/ml
6) T n-Tetradecane (C14)	8.507	4027035	26.085 ug/ml
7) T n-Hexadecane (C16)	10.116	6743697	43.179 ug/ml
8) T n-Octadecane (C18)	11.579	4625466	29.452 ug/ml
10) T n-Eicosane (C20)	12.881	982374	6.580 ug/ml
11) T n-Heneicosane (C21)	13.475	3383904	23.067 ug/ml
13) T n-Docosane (C22)	14.110	3454018	23.698 ug/ml
14) T n-Tetracosane (C24)	15.162	216686	1.490 ug/ml
15) T n-Hexacosane (C26)	16.208	252176	1.747 ug/ml
16) T n-Octacosane (C28)	17.147	374674	2.601 ug/ml
17) T n-Tricontane (C30)	18.029	413818	2.764 ug/ml
18) T n-Dotriacontane (C32)	18.854	264160	1.746 ug/ml
19) T n-Tetratriacontane (C34)	19.673	346768	2.268 ug/ml
21) T n-Octatriacontane (C38)	21.112	117755	0.750 ug/ml

(f)=RT Delta > 1/2 Window

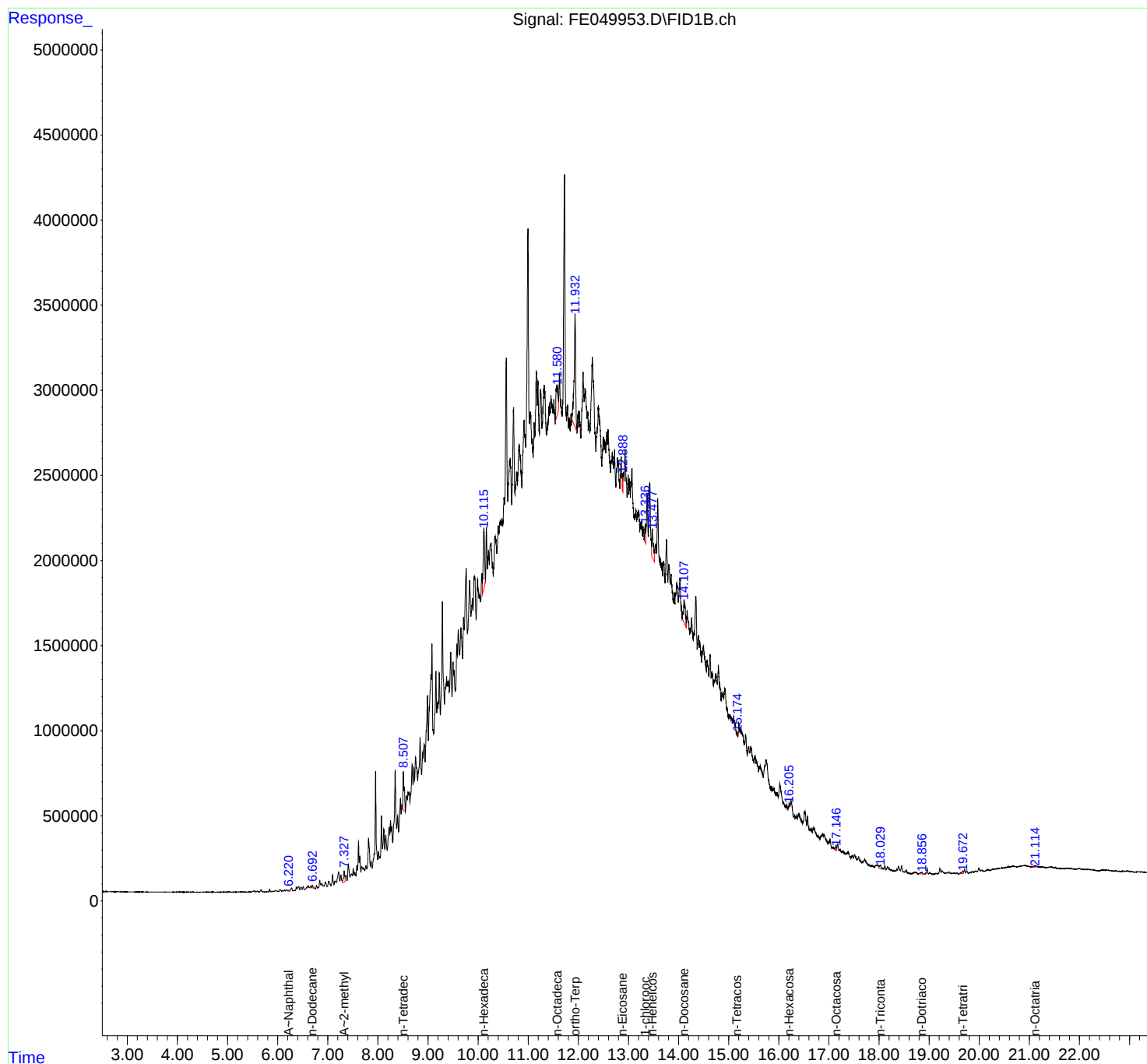
(m)=manual int.

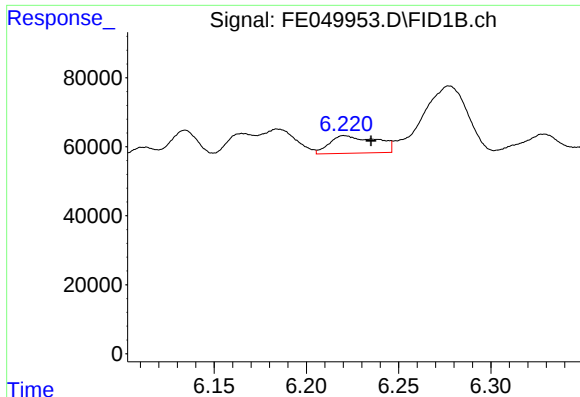
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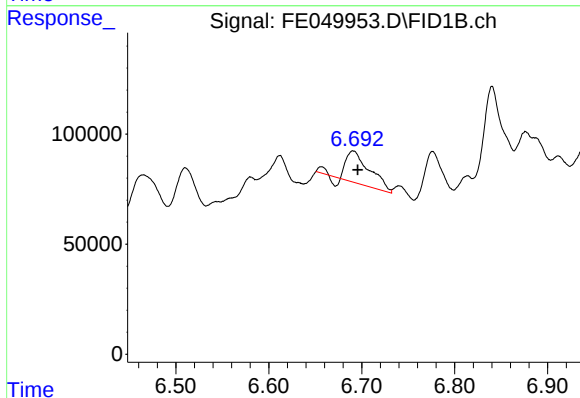




#3 A~Naphthalene (C11.7)

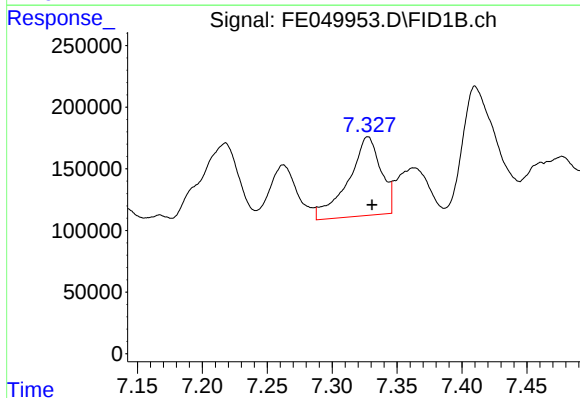
R.T.: 6.221 min
Delta R.T.: -0.014 min
Response: 90402
Conc: 0.56 ug/ml

Instrument :
FID_E
ClientSampleId :



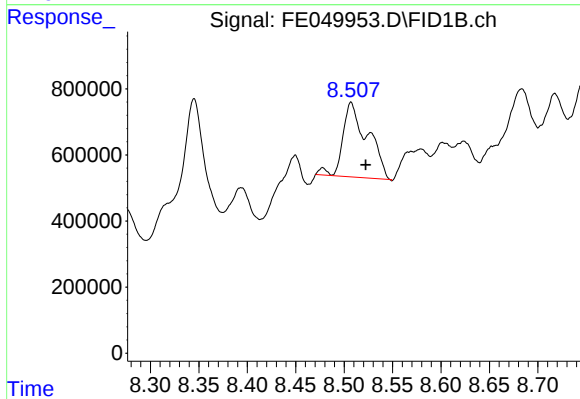
#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: -0.005 min
Response: 254119
Conc: 1.62 ug/ml



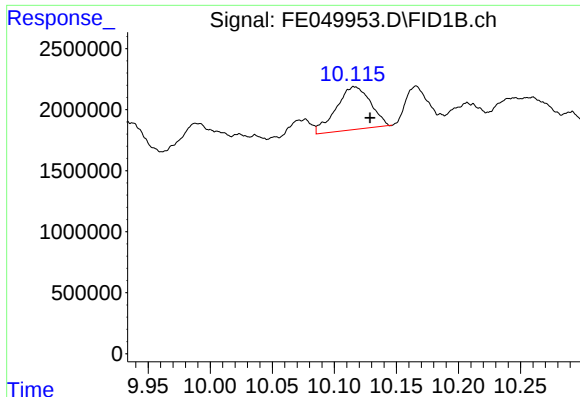
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 1114294
Conc: 7.44 ug/ml



#6 n-Tetradecane (C14)

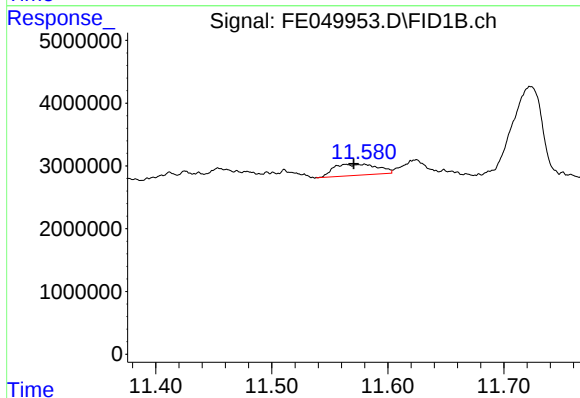
R.T.: 8.507 min
Delta R.T.: -0.015 min
Response: 4027035
Conc: 26.09 ug/ml



#7 n-Hexadecane (C16)

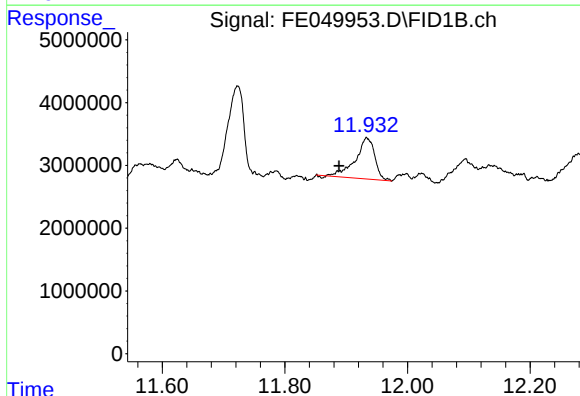
R.T.: 10.116 min
Delta R.T.: -0.013 min
Response: 6743697
Conc: 43.18 ug/ml

Instrument :
FID_E
ClientSampleId :



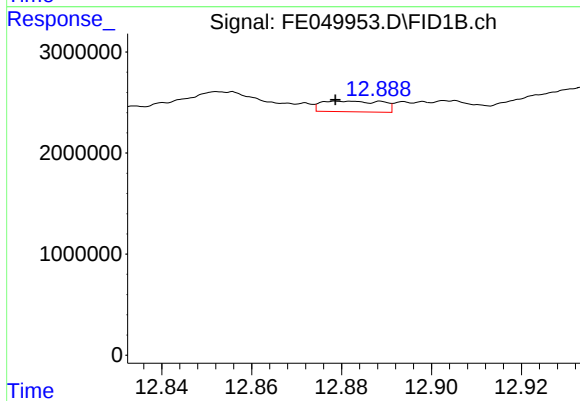
#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: 0.009 min
Response: 4625466
Conc: 29.45 ug/ml



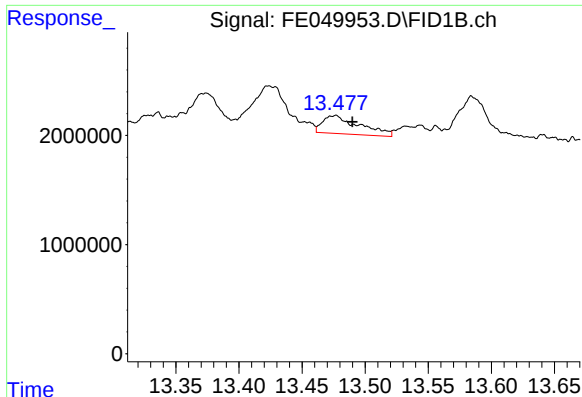
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.046 min
Response: 14268754
Conc: 88.24 ug/ml



#10 n-Eicosane (C20)

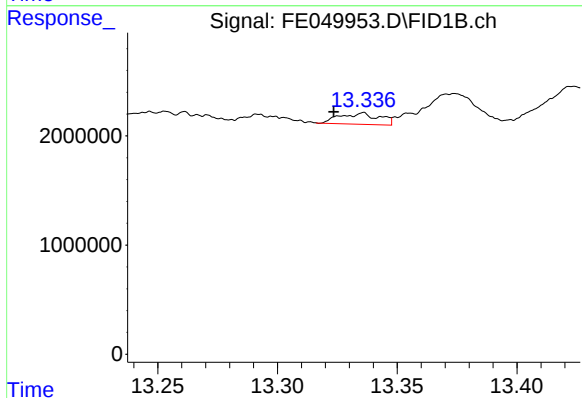
R.T.: 12.881 min
Delta R.T.: 0.003 min
Response: 982374
Conc: 6.58 ug/ml



#11 n-Heneicosane (C21)

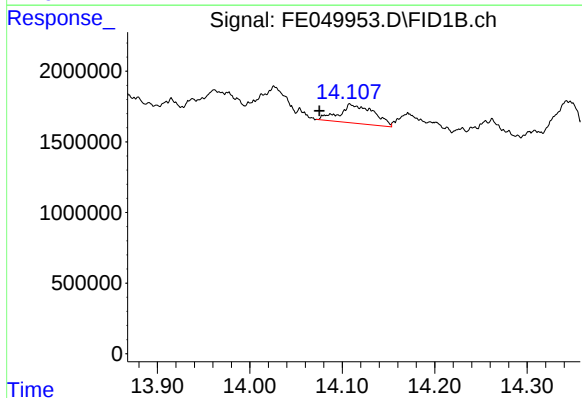
R.T.: 13.475 min
Delta R.T.: -0.014 min
Response: 3383904
Conc: 23.07 ug/ml

Instrument :
FID_E
ClientSampleId :



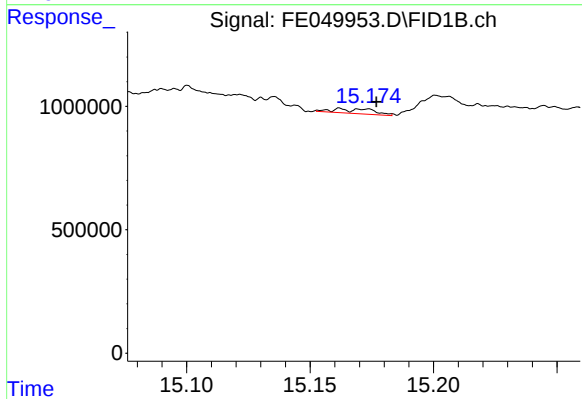
#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: 0.011 min
Response: 1189839
Conc: 9.75 ug/ml



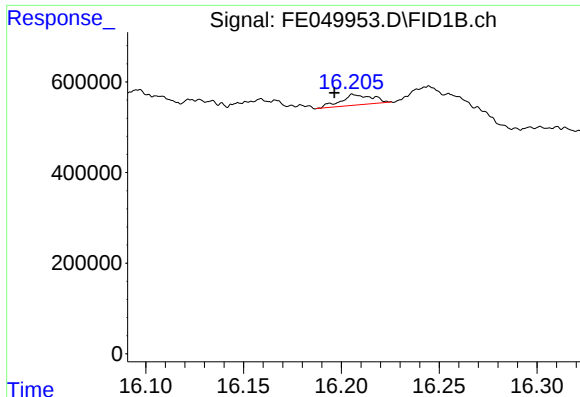
#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: 0.035 min
Response: 3454018
Conc: 23.70 ug/ml



#14 n-Tetracosane (C24)

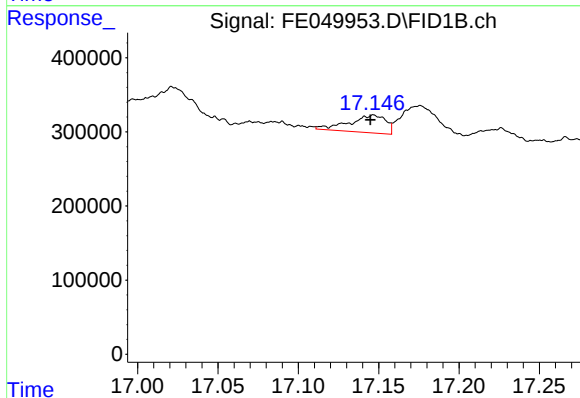
R.T.: 15.162 min
Delta R.T.: -0.015 min
Response: 216686
Conc: 1.49 ug/ml



#15 n-Hexacosane (C26)

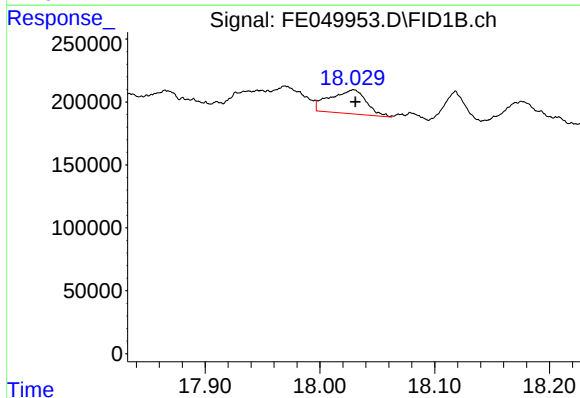
R.T.: 16.208 min
Delta R.T.: 0.012 min
Response: 252176
Conc: 1.75 ug/ml

Instrument :
FID_E
ClientSampleId :



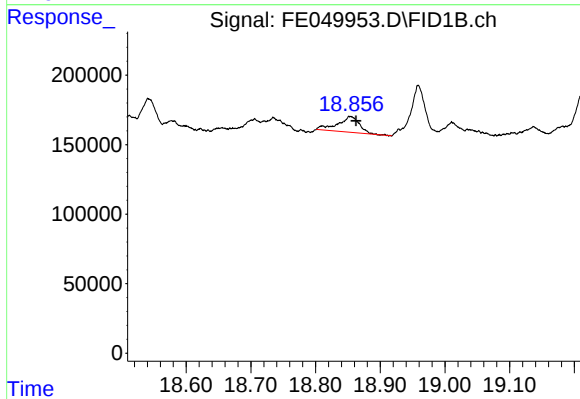
#16 n-Octacosane (C28)

R.T.: 17.147 min
Delta R.T.: 0.002 min
Response: 374674
Conc: 2.60 ug/ml



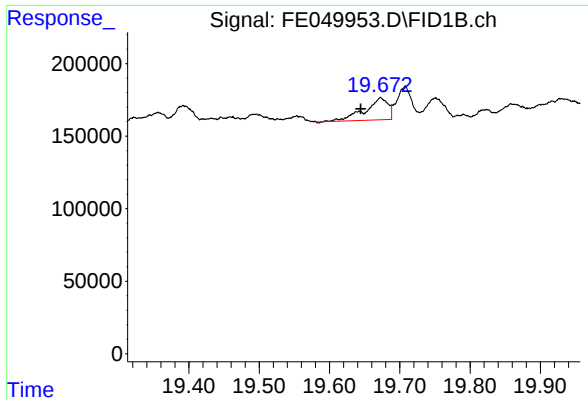
#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: -0.002 min
Response: 413818
Conc: 2.76 ug/ml



#18 n-Dotriacontane (C32)

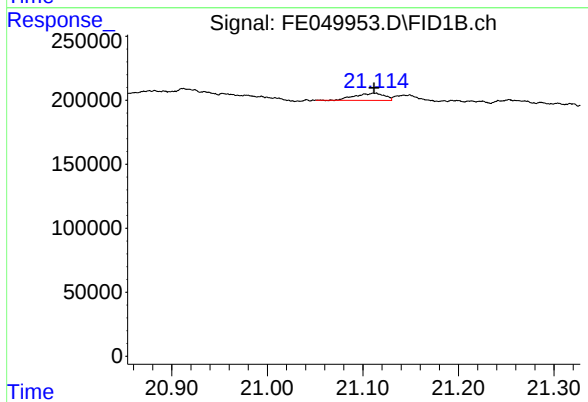
R.T.: 18.854 min
Delta R.T.: -0.008 min
Response: 264160
Conc: 1.75 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.673 min
Delta R.T.: 0.029 min
Response: 346768
Conc: 2.27 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 117755
Conc: 0.75 ug/ml