

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051525AL\
 Data File : FE053860.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2025 22:43
 Operator : YP\AJ
 Sample : Q2043-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 15 23:27:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 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)	11.819	5050998	31.081 ug/ml
Spiked Amount 50.000		Recovery =	62.16%
12) S 1-chlorooctadecane (S...	13.284	13717815	115.714 ug/ml
Spiked Amount 50.000		Recovery =	231.43%
Target Compounds			
4) T n-Dodecane (C12)	6.643	187809	1.377 ug/ml
5) T A~2-methylnaphthalene...	7.276	373498	2.693 ug/ml
6) T n-Tetradecane (C14)	8.485	1691751	12.536 ug/ml
7) T n-Hexadecane (C16)	10.082	11349945	84.115 ug/ml
8) T n-Octadecane (C18)	11.573	7494799	55.657 ug/ml
10) T n-Eicosane (C20)	12.849	23973196	182.405 ug/ml
11) T n-Heneicosane (C21)	13.473	12710072	98.038 ug/ml
13) T n-Docosane (C22)	14.022	11510915	90.228 ug/ml
14) T n-Tetracosane (C24)	15.193	1407791	11.252 ug/ml
15) T n-Hexacosane (C26)	16.165	75753	0.619 ug/ml
16) T n-Octacosane (C28)	17.088	87030	0.716 ug/ml
17) T n-Tricontane (C30)	18.047	3744550	30.061 ug/ml
18) T n-Dotriacontane (C32)	18.837	1499398	11.990 ug/ml
19) T n-Tetratriacontane (C34)	19.695f	5251610	44.086 ug/ml
21) T n-Octatriacontane (C38)	21.105	1706098	15.677 ug/ml
22) T n-Tetracontane (C40)	22.016	642773	6.478 ug/ml

(f)=RT Delta > 1/2 Window

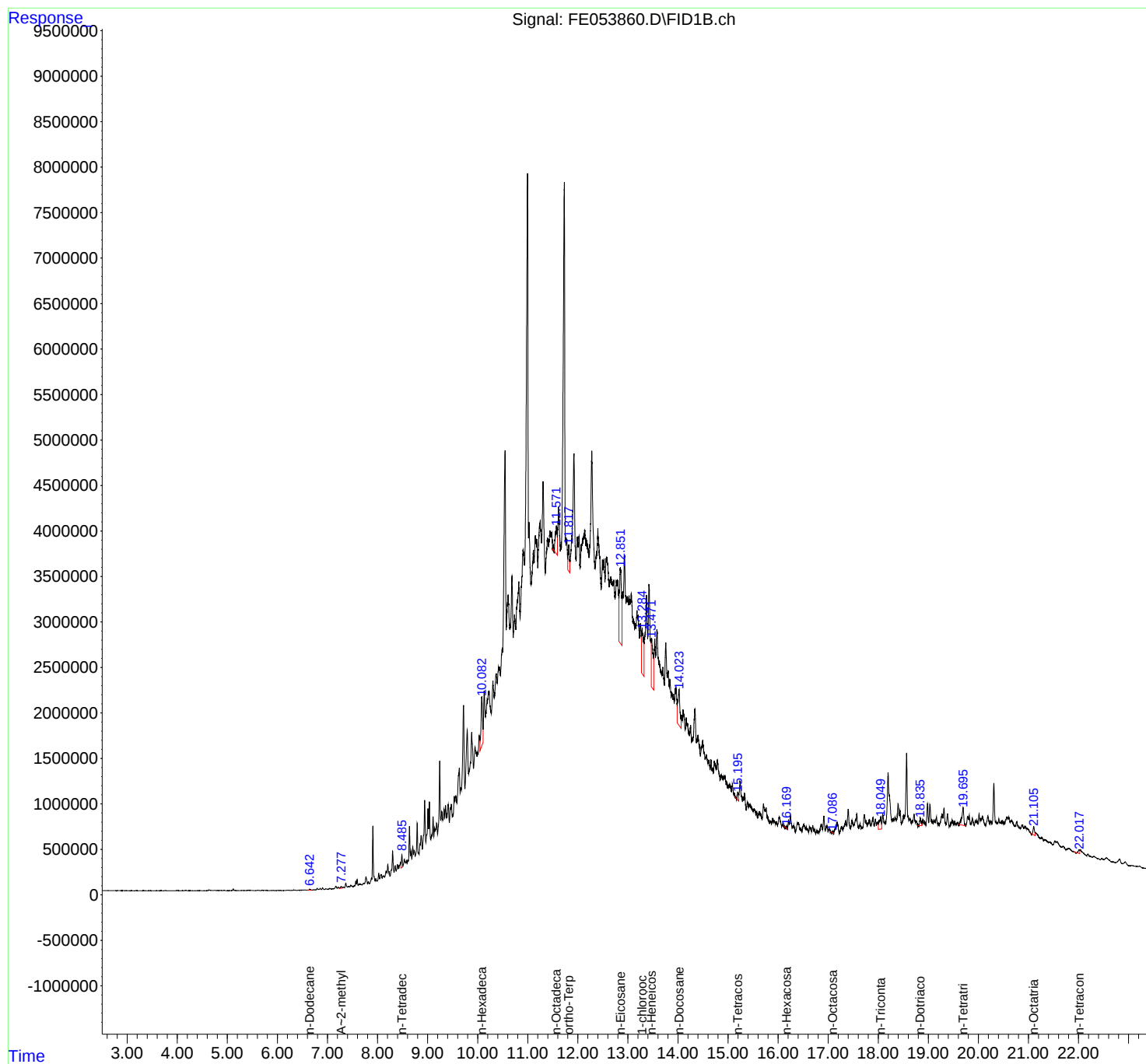
(m)=manual int.

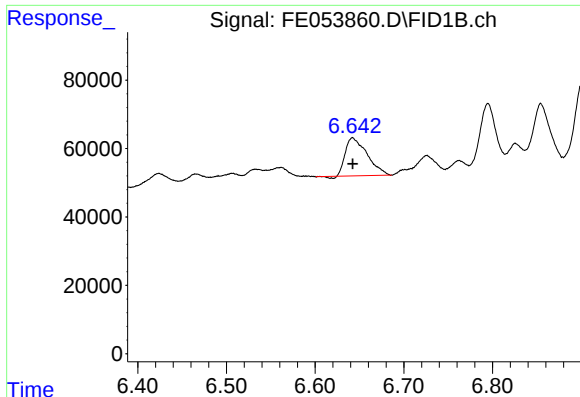
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051525AL\
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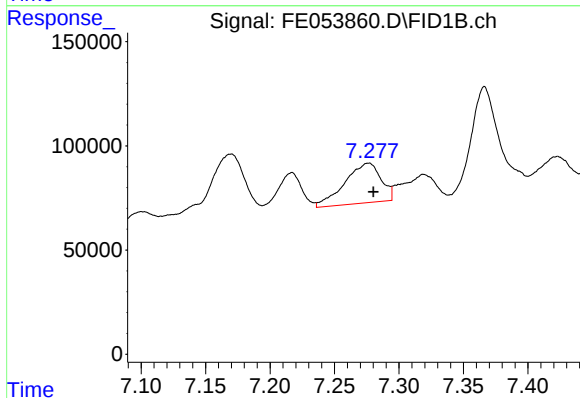




#4 n-Dodecane (C12)

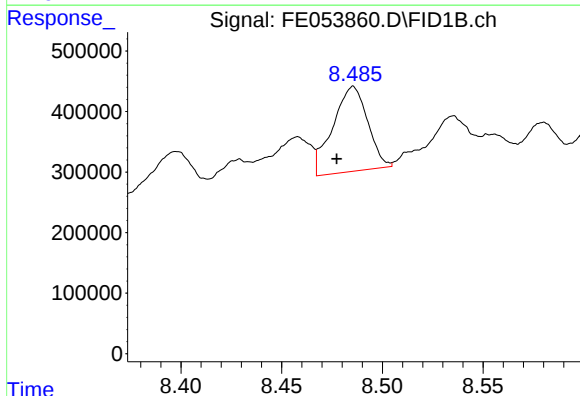
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 187809
Conc: 1.38 ug/ml

Instrument :
FID_E
ClientSampleId :



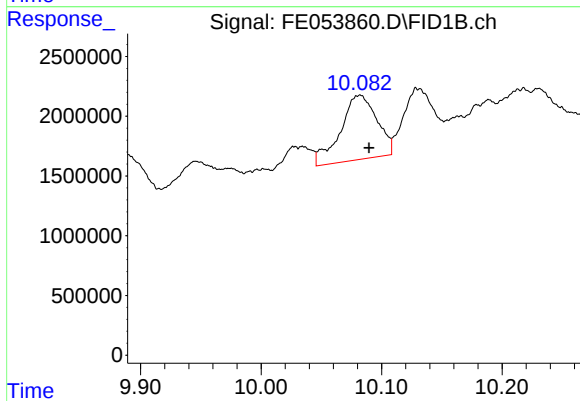
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: -0.004 min
Response: 373498
Conc: 2.69 ug/ml



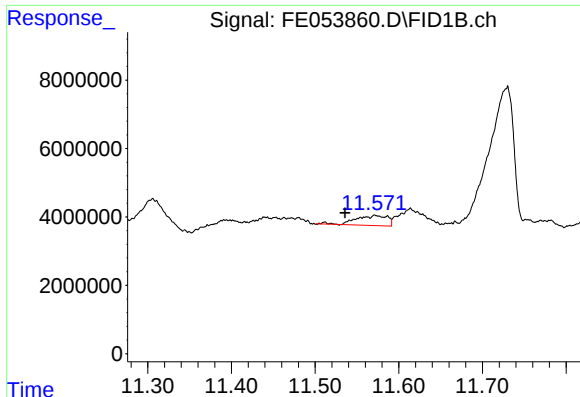
#6 n-Tetradecane (C14)

R.T.: 8.485 min
Delta R.T.: 0.008 min
Response: 1691751
Conc: 12.54 ug/ml



#7 n-Hexadecane (C16)

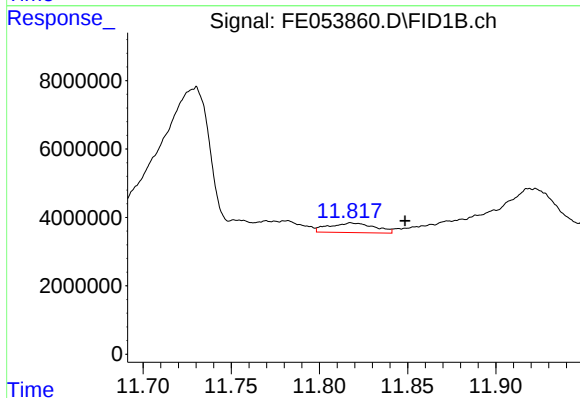
R.T.: 10.082 min
Delta R.T.: -0.008 min
Response: 11349945
Conc: 84.11 ug/ml



#8 n-Octadecane (C18)

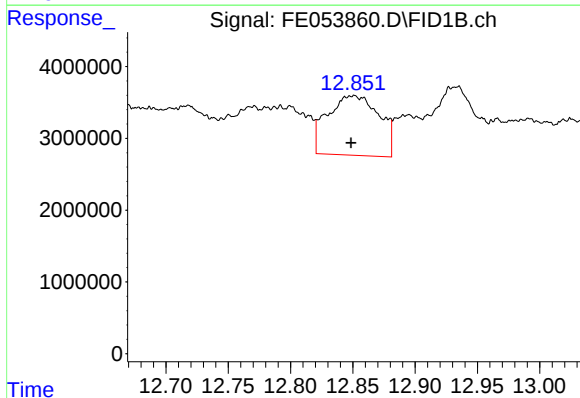
R.T.: 11.573 min
Delta R.T.: 0.037 min
Response: 7494799
Conc: 55.66 ug/ml

Instrument :
FID_E
ClientSampleId :



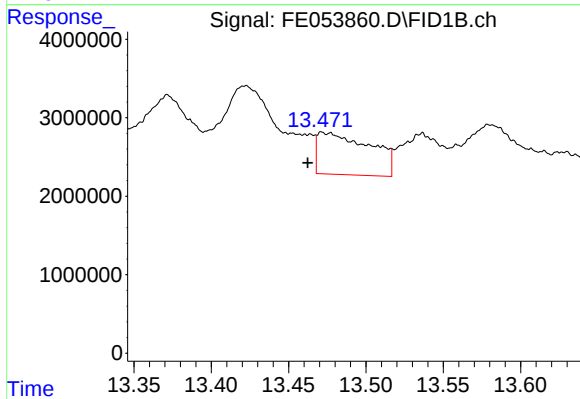
#9 ortho-Terphenyl (SURR)

R.T.: 11.819 min
Delta R.T.: -0.030 min
Response: 5050998
Conc: 31.08 ug/ml



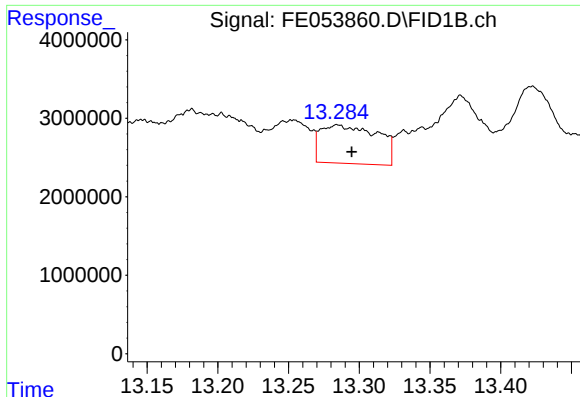
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: 0.000 min
Response: 23973196
Conc: 182.40 ug/ml



#11 n-Heneicosane (C21)

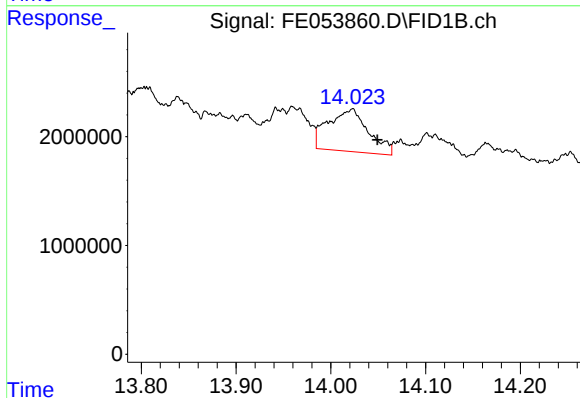
R.T.: 13.473 min
Delta R.T.: 0.011 min
Response: 12710072
Conc: 98.04 ug/ml



#12 1-chlorooctadecane (SURR)

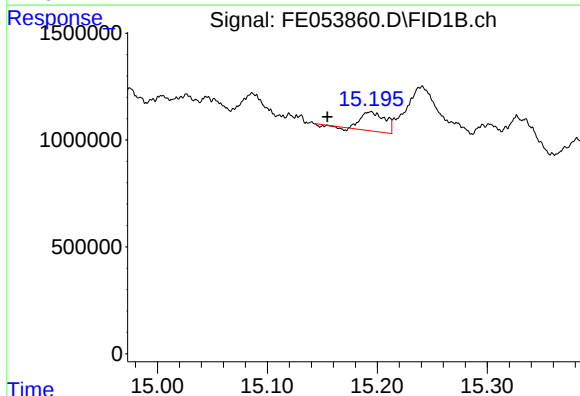
R.T.: 13.284 min
Delta R.T.: -0.010 min
Response: 13717815
Conc: 115.71 ug/ml

Instrument :
FID_E
ClientSampleId :



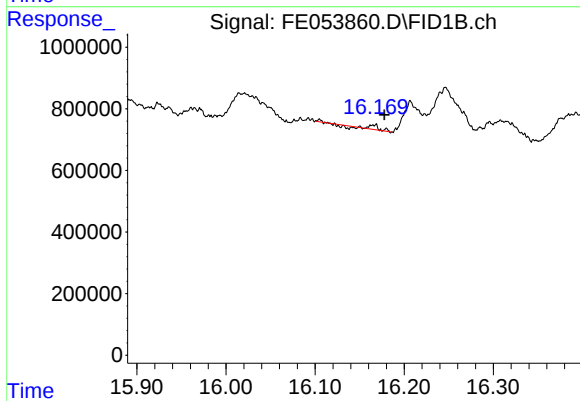
#13 n-Docosane (C22)

R.T.: 14.022 min
Delta R.T.: -0.028 min
Response: 11510915
Conc: 90.23 ug/ml



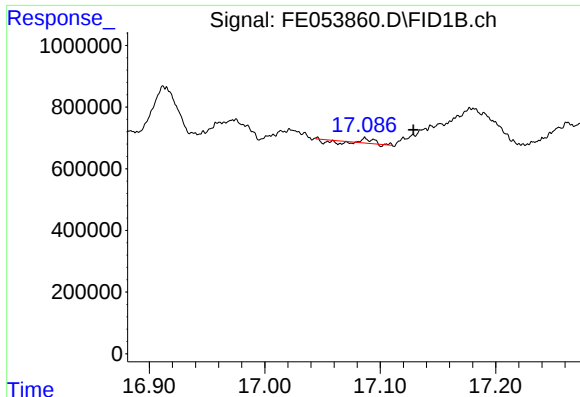
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: 0.039 min
Response: 1407791
Conc: 11.25 ug/ml



#15 n-Hexacosane (C26)

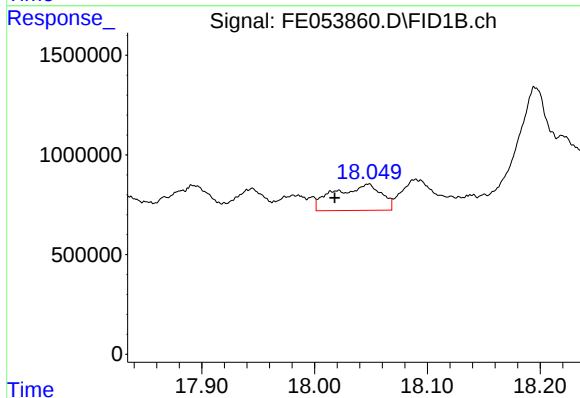
R.T.: 16.165 min
Delta R.T.: -0.013 min
Response: 75753
Conc: 0.62 ug/ml



#16 n-Octacosane (C28)

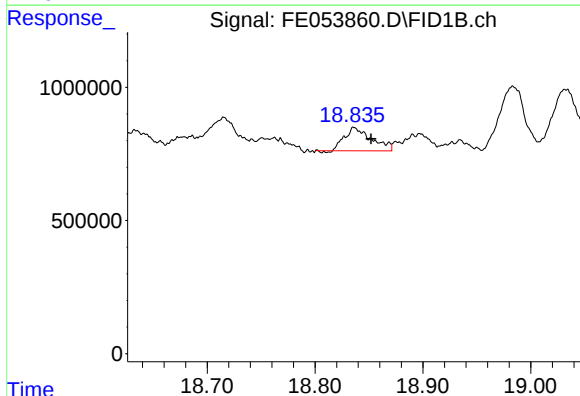
R.T.: 17.088 min
Delta R.T.: -0.041 min
Response: 87030
Conc: 0.72 ug/ml

Instrument :
FID_E
ClientSampleId :



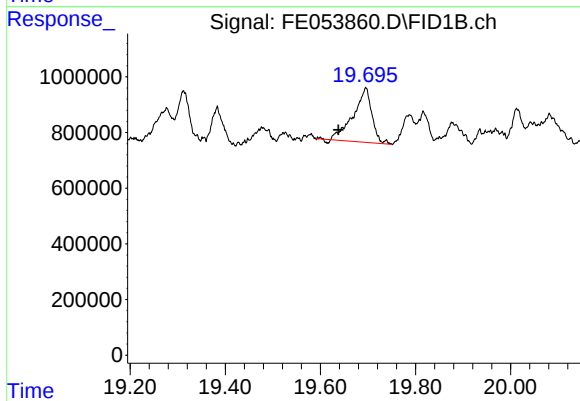
#17 n-Tricontane (C30)

R.T.: 18.047 min
Delta R.T.: 0.029 min
Response: 3744550
Conc: 30.06 ug/ml



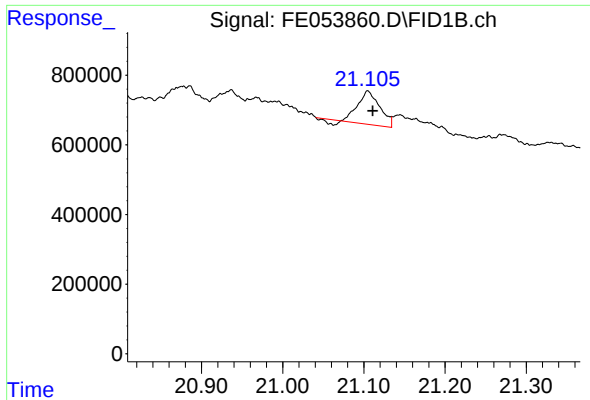
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: -0.015 min
Response: 1499398
Conc: 11.99 ug/ml



#19 n-Tetratriacontane (C34)

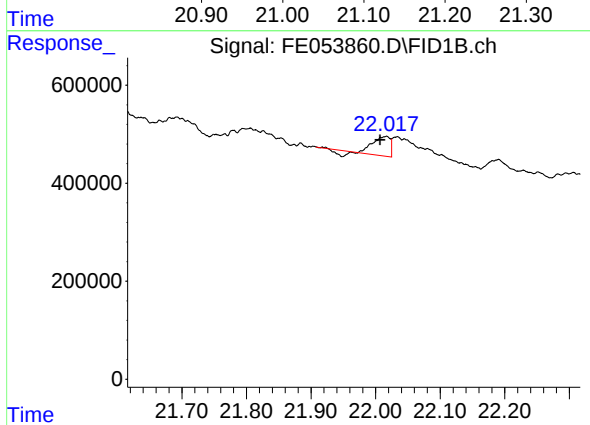
R.T.: 19.695 min
Delta R.T.: 0.057 min
Response: 5251610
Conc: 44.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.006 min
Response: 1706098
Conc: 15.68 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: 0.009 min
Response: 642773
Conc: 6.48 ug/ml