

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053244.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2025 19:38
 Operator : YP\AJ
 Sample : Q1742-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 05:07:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.896	4050876	24.870 ug/ml
Spiked Amount 50.000		Recovery =	49.74%
12) S 1-chlorooctadecane (S...	13.342	3874119	32.272 ug/ml
Spiked Amount 50.000		Recovery =	64.54%
Target Compounds			
4) T n-Dodecane (C12)	6.679	318316	2.035 ug/ml
5) T A~2-methylnaphthalene...	7.318	262998	1.648 ug/ml
6) T n-Tetradecane (C14)	8.516	944825	6.171 ug/ml
7) T n-Hexadecane (C16)	10.130	723689	4.695 ug/ml
8) T n-Octadecane (C18)	11.579	625397	4.124 ug/ml
10) T n-Eicosane (C20)	12.893	698742	4.901 ug/ml
11) T n-Heneicosane (C21)	13.508	464776	3.349 ug/ml
13) T n-Docosane (C22)	14.096	341776	2.496 ug/ml
14) T n-Tetracosane (C24)	15.184	1098828	8.136 ug/ml
15) T n-Hexacosane (C26)	16.229	295453	2.215 ug/ml
16) T n-Octacosane (C28)	17.196	618989	4.690 ug/ml
17) T n-Tricontane (C30)	18.071	309510	2.284 ug/ml
18) T n-Dotriacontane (C32)	18.907	404474	3.006 ug/ml
19) T n-Tetratriacontane (C34)	19.693	464666	3.591 ug/ml
20) T n-Hexatriacontane (C36)	20.435	221092	1.861 ug/ml
21) T n-Octatriacontane (C38)	21.179	284264	2.473 ug/ml
22) T n-Tetracontane (C40)	22.093	223092	1.986 ug/ml

(f)=RT Delta > 1/2 Window

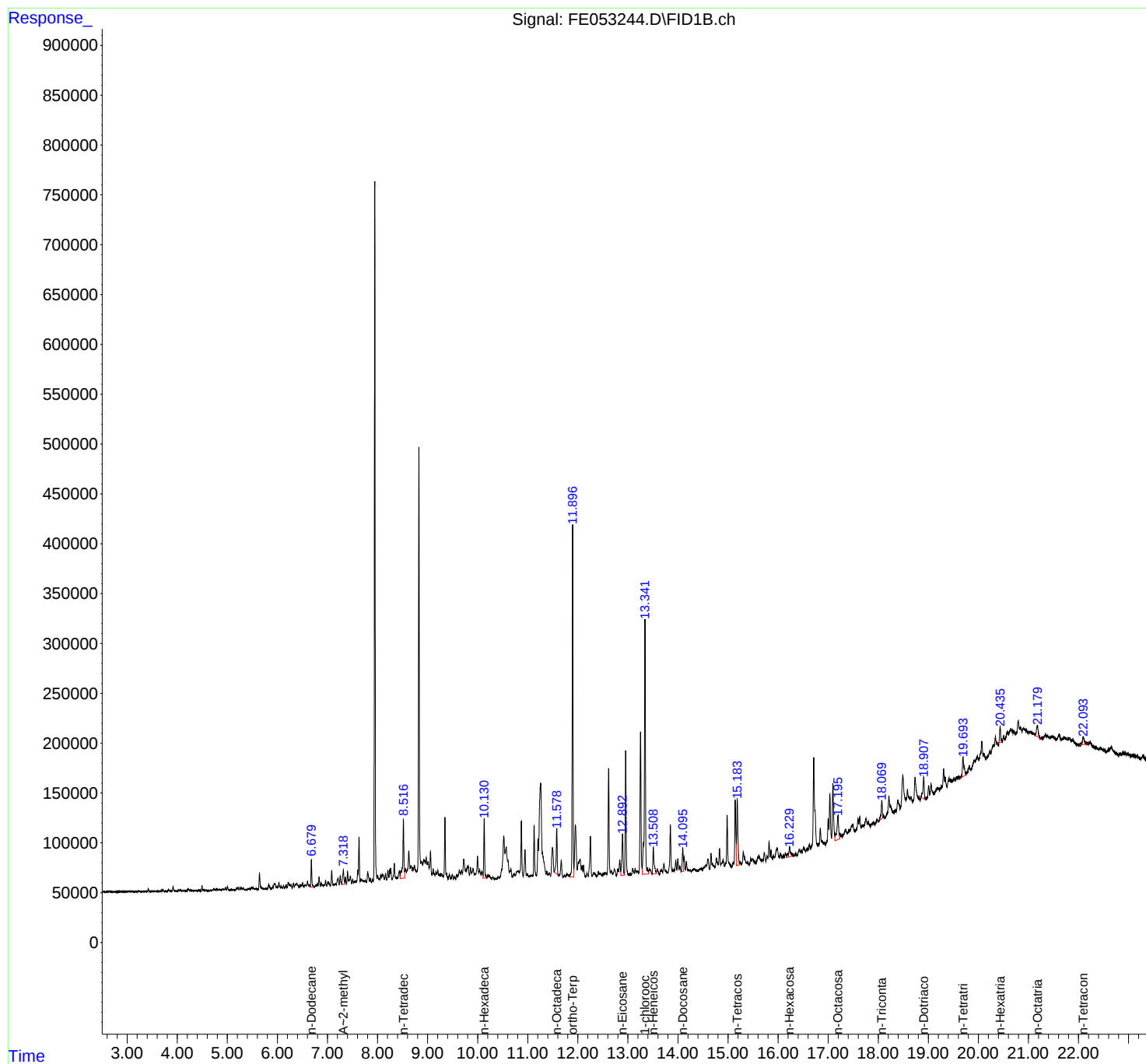
(m)=manual int.

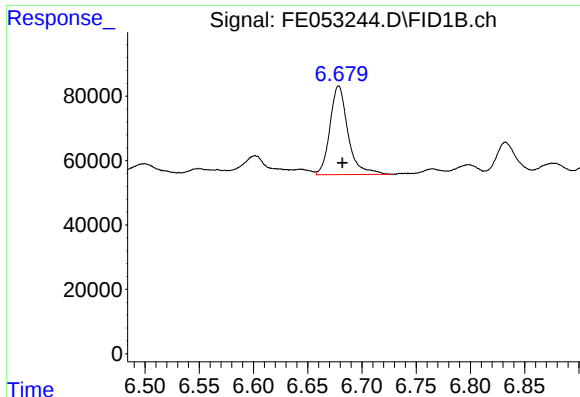
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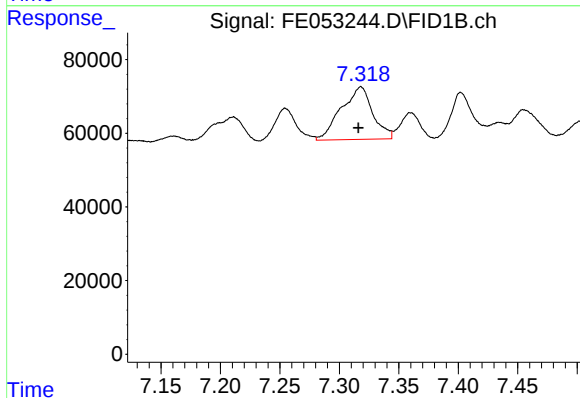




#4 n-Dodecane (C12)

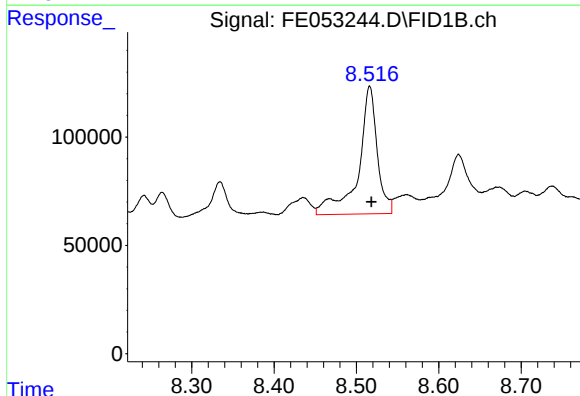
R.T.: 6.679 min
Delta R.T.: -0.004 min
Response: 318316
Conc: 2.04 ug/ml

Instrument :
FID_E
ClientSampleId :



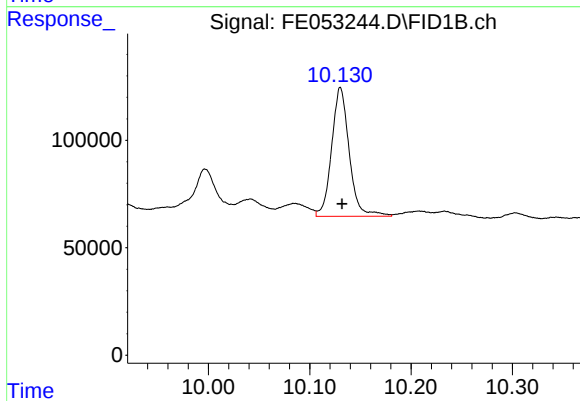
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.318 min
Delta R.T.: 0.002 min
Response: 262998
Conc: 1.65 ug/ml



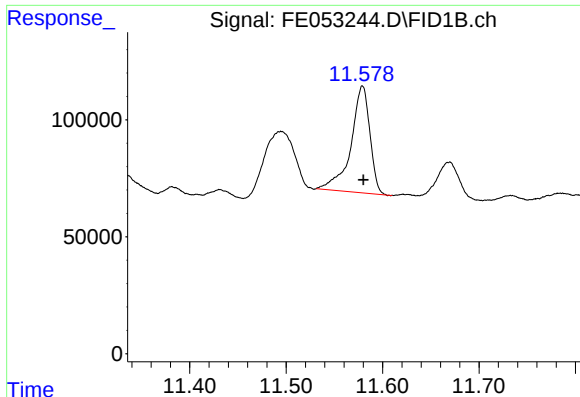
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 944825
Conc: 6.17 ug/ml



#7 n-Hexadecane (C16)

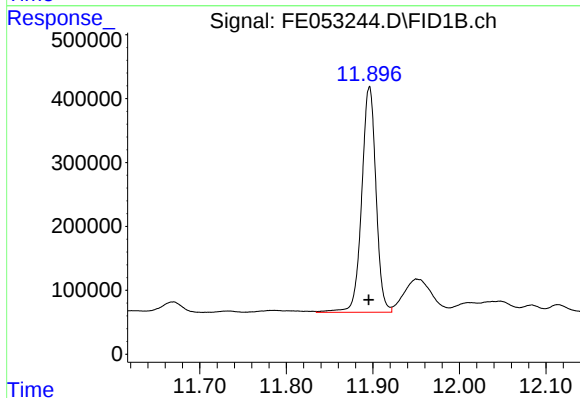
R.T.: 10.130 min
Delta R.T.: -0.001 min
Response: 723689
Conc: 4.69 ug/ml



#8 n-Octadecane (C18)

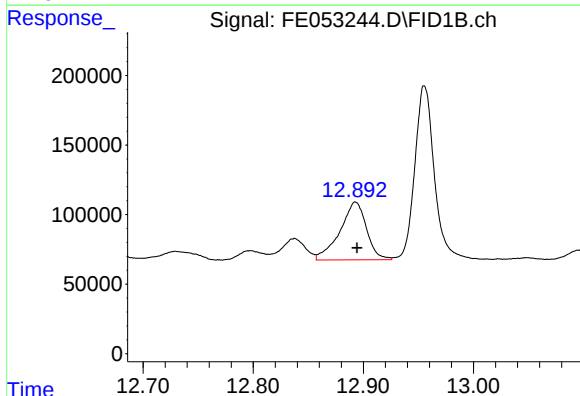
R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 625397
Conc: 4.12 ug/ml

Instrument :
FID_E
ClientSampleId :



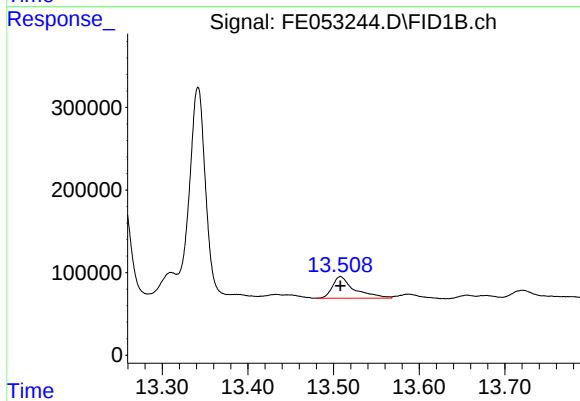
#9 ortho-Terphenyl (SURR)

R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 4050876
Conc: 24.87 ug/ml



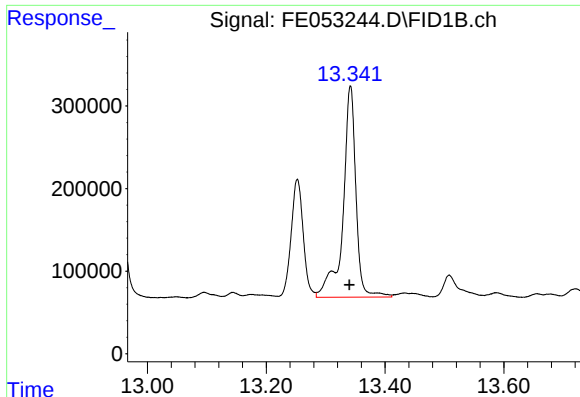
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.001 min
Response: 698742
Conc: 4.90 ug/ml



#11 n-Heneicosane (C21)

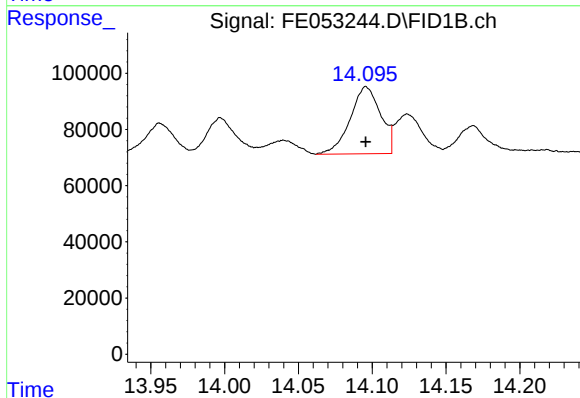
R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 464776
Conc: 3.35 ug/ml



#12 1-chlorooctadecane (SURR)

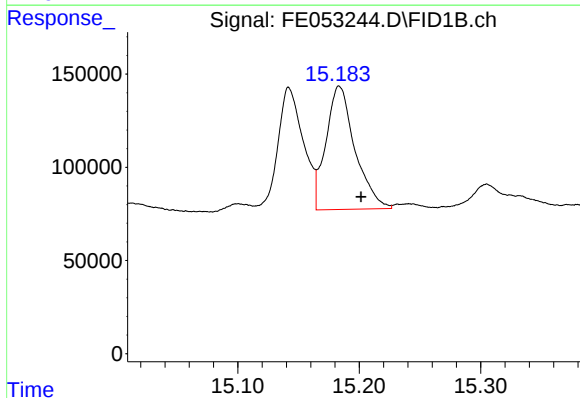
R.T.: 13.342 min
Delta R.T.: 0.002 min
Response: 3874119
Conc: 32.27 ug/ml

Instrument :
FID_E
ClientSampleId :



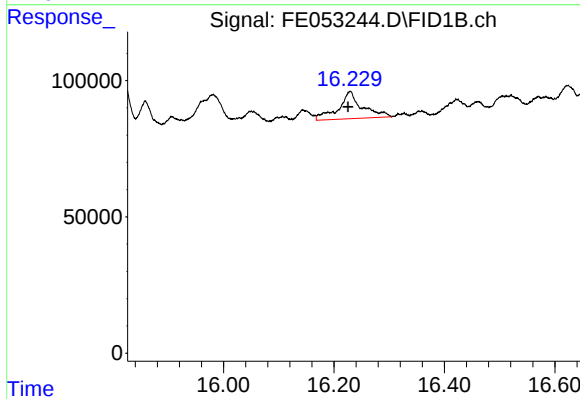
#13 n-Docosane (C22)

R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 341776
Conc: 2.50 ug/ml



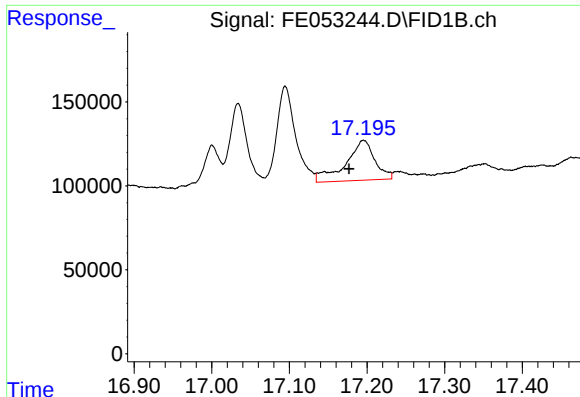
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.018 min
Response: 1098828
Conc: 8.14 ug/ml



#15 n-Hexacosane (C26)

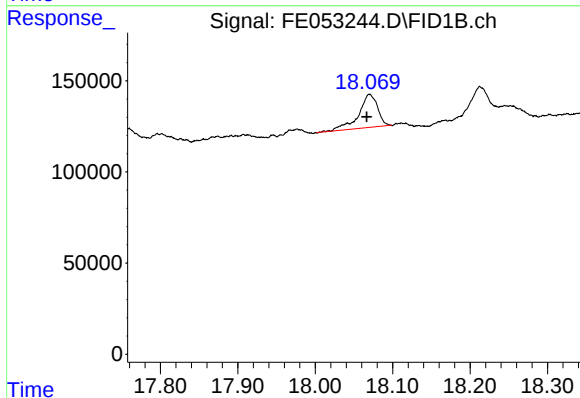
R.T.: 16.229 min
Delta R.T.: 0.004 min
Response: 295453
Conc: 2.21 ug/ml



#16 n-Octacosane (C28)

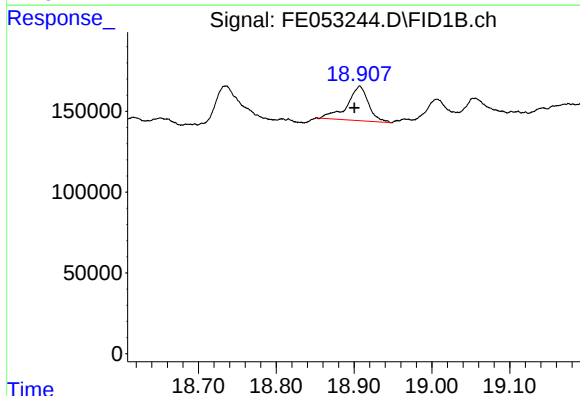
R.T.: 17.196 min
Delta R.T.: 0.019 min
Response: 618989
Conc: 4.69 ug/ml

Instrument :
FID_E
ClientSampleId :



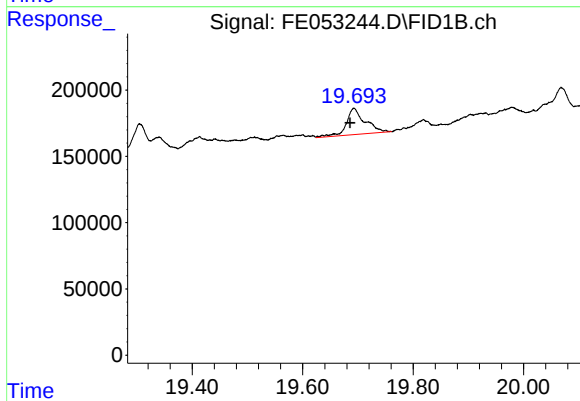
#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: 0.004 min
Response: 309510
Conc: 2.28 ug/ml



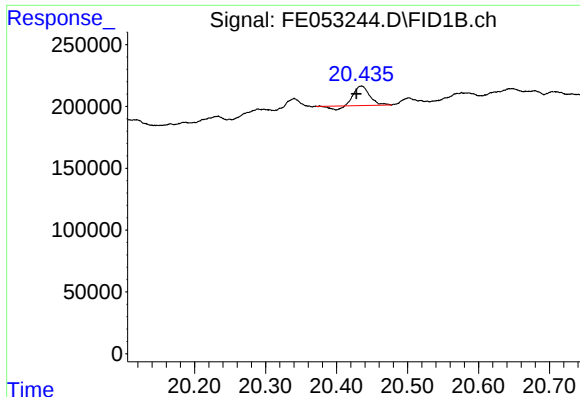
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.007 min
Response: 404474
Conc: 3.01 ug/ml



#19 n-Tetratriacontane (C34)

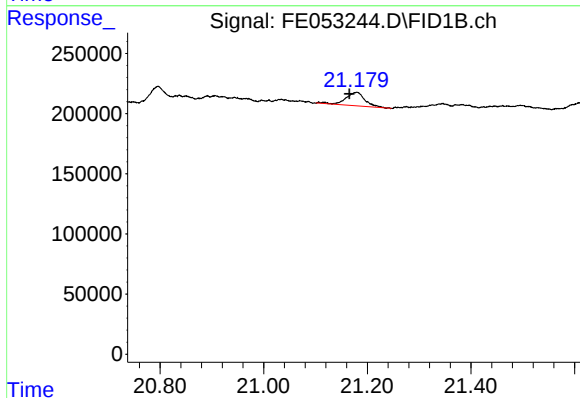
R.T.: 19.693 min
Delta R.T.: 0.007 min
Response: 464666
Conc: 3.59 ug/ml



#20 n-Hexatriacontane (C36)

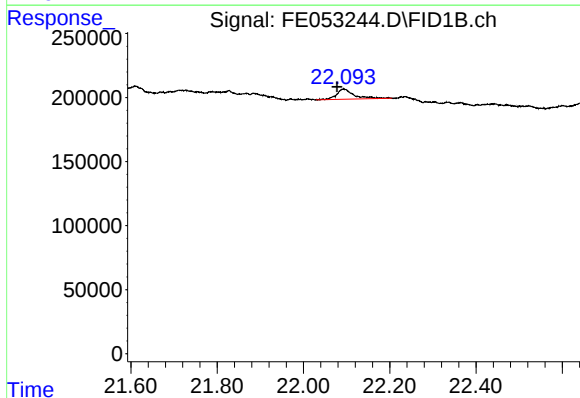
R.T.: 20.435 min
Delta R.T.: 0.007 min
Response: 221092
Conc: 1.86 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: 0.014 min
Response: 284264
Conc: 2.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.093 min
Delta R.T.: 0.015 min
Response: 223092
Conc: 1.99 ug/ml