

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040325AL\
 Data File : FE053175.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2025 21:56
 Operator : YP\AJ
 Sample : Q1706-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 04 04:12:19 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)	11.894	4664914	28.640 ug/ml
Spiked Amount 50.000		Recovery =	57.28%
12) S 1-chlorooctadecane (S...	13.338	3721304	30.999 ug/ml
Spiked Amount 50.000		Recovery =	62.00%
Target Compounds			
2) T n-Decane (C10)	4.497	129492	0.826 ug/ml
3) T A~Naphthalene (C11.7)	6.237	222241	1.323 ug/ml
4) T n-Dodecane (C12)	6.680	629227	4.023 ug/ml
5) T A~2-methylnaphthalene...	7.317	442631	2.774 ug/ml
6) T n-Tetradecane (C14)	8.516	1180890	7.712 ug/ml
7) T n-Hexadecane (C16)	10.129	1151259	7.469 ug/ml
8) T n-Octadecane (C18)	11.577	862621	5.688 ug/ml
10) T n-Eicosane (C20)	12.892	902205	6.328 ug/ml
11) T n-Heneicosane (C21)	13.505	578996	4.172 ug/ml
13) T n-Docosane (C22)	14.094	371589	2.713 ug/ml
14) T n-Tetracosane (C24)	15.177	1095287	8.110 ug/ml
15) T n-Hexacosane (C26)	16.225	226108	1.695 ug/ml
16) T n-Octacosane (C28)	17.185	387848	2.939 ug/ml
17) T n-Tricontane (C30)	18.063	305310	2.253 ug/ml
19) T n-Tetratriacontane (C34)	19.686	128208	0.991 ug/ml
20) T n-Hexatriacontane (C36)	20.496f	147616	1.243 ug/ml

(f)=RT Delta > 1/2 Window

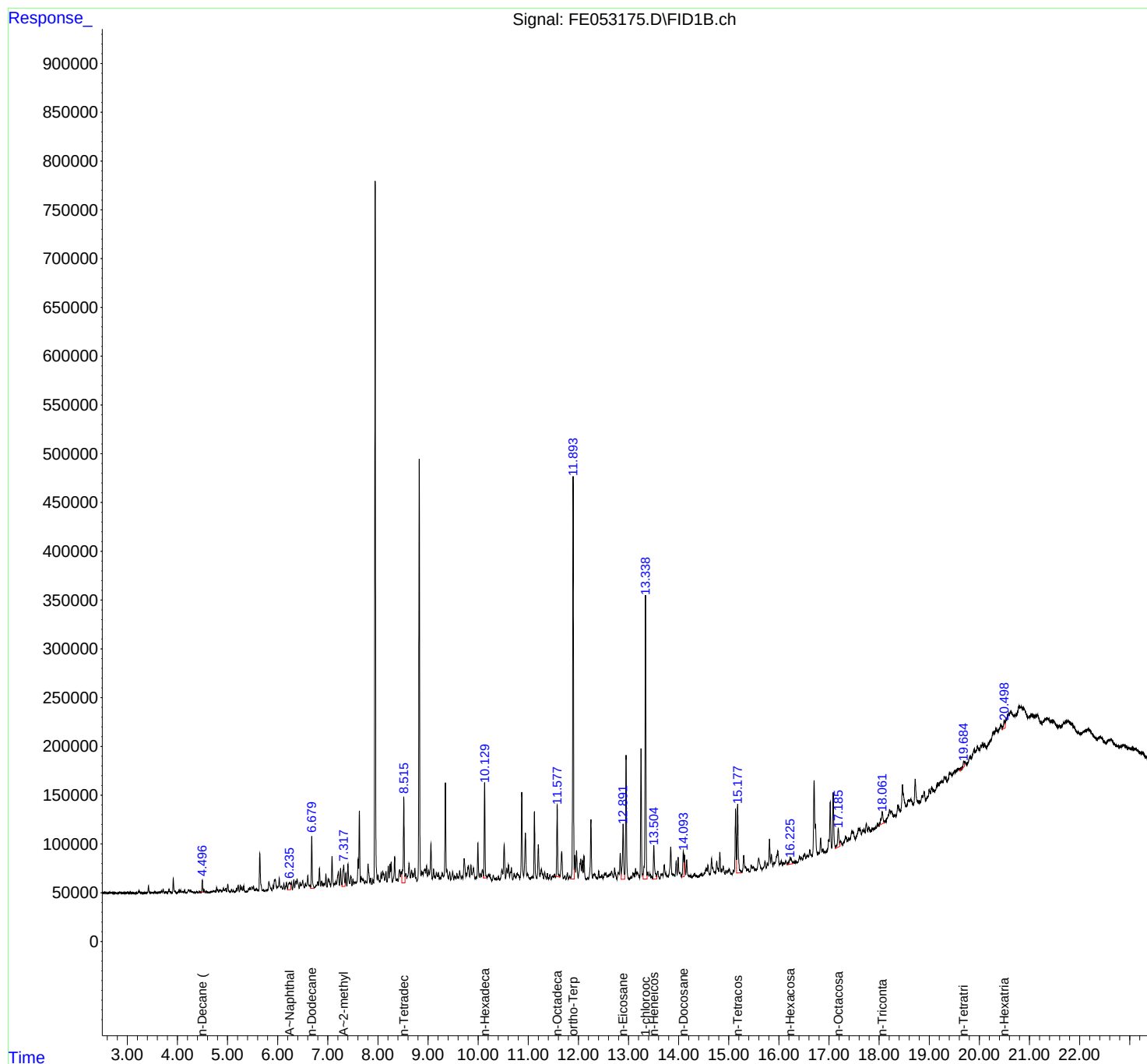
(m)=manual int.

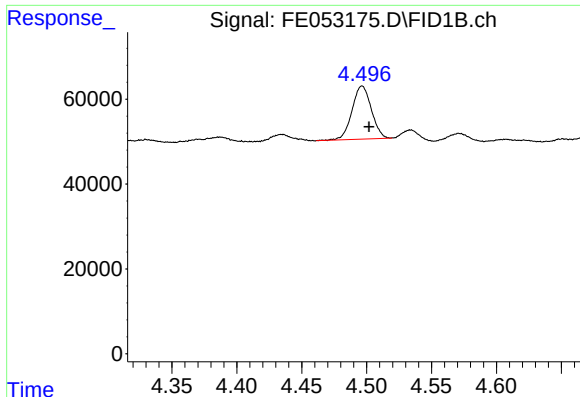
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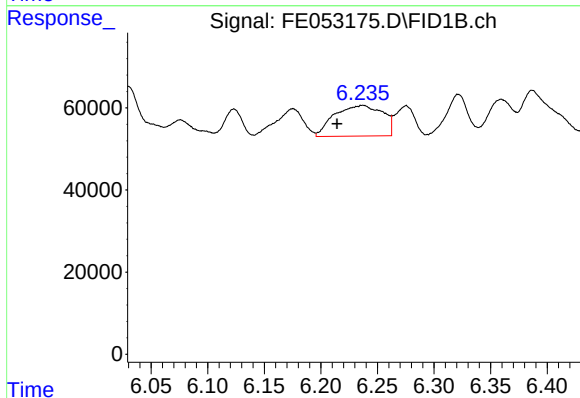




#2 n-Decane (C10)

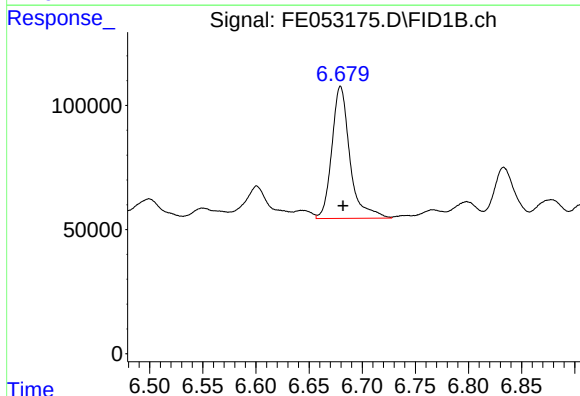
R.T.: 4.497 min
Delta R.T.: -0.005 min
Response: 129492
Conc: 0.83 ug/ml

Instrument :
FID_E
ClientSampleId :



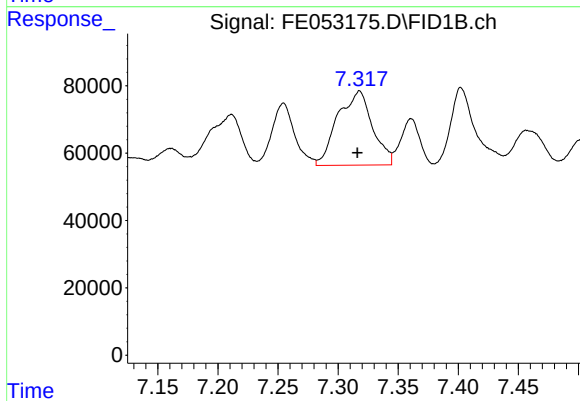
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.022 min
Response: 222241
Conc: 1.32 ug/ml



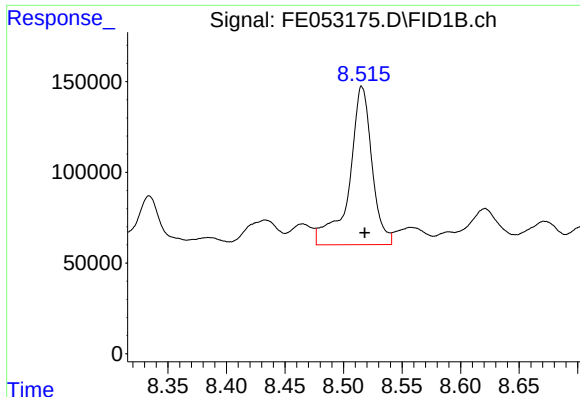
#4 n-Dodecane (C12)

R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 629227
Conc: 4.02 ug/ml



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

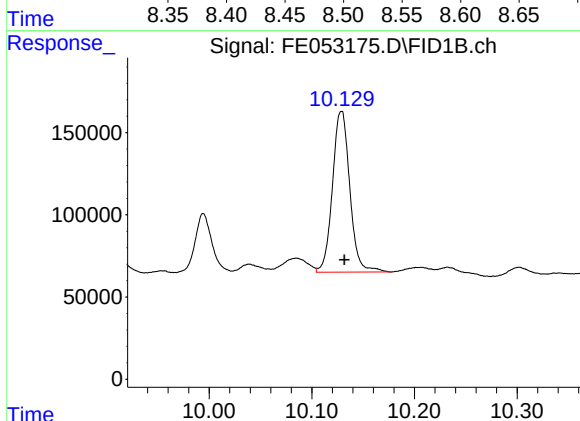
R.T.: 7.317 min
Delta R.T.: 0.001 min
Response: 442631
Conc: 2.77 ug/ml



#6 n-Tetradecane (C14)

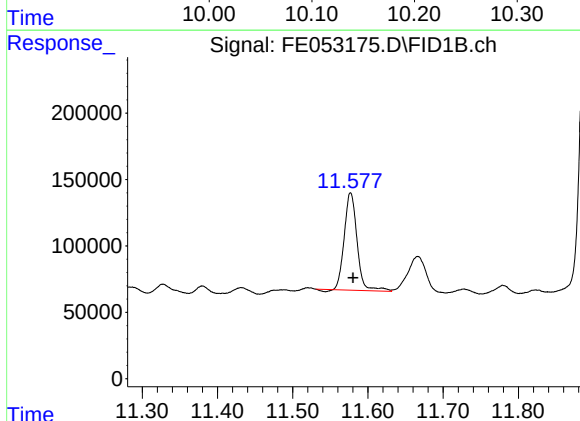
R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 1180890
Conc: 7.71 ug/ml

Instrument :
FID_E
ClientSampleId :



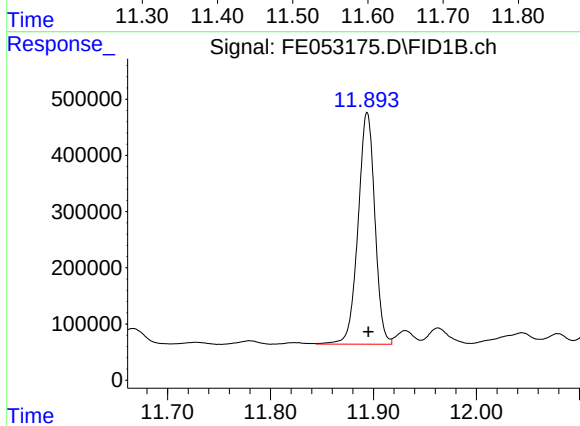
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.003 min
Response: 1151259
Conc: 7.47 ug/ml



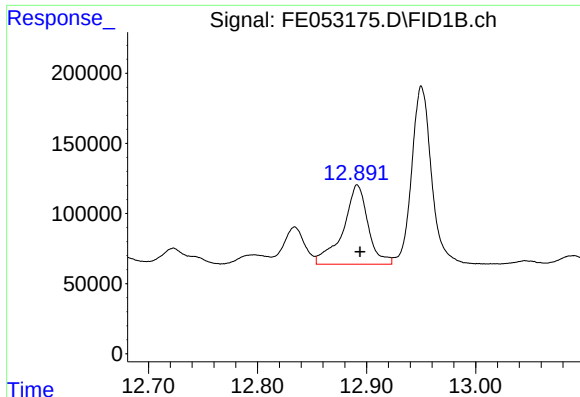
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 862621
Conc: 5.69 ug/ml



#9 ortho-Terphenyl (SURR)

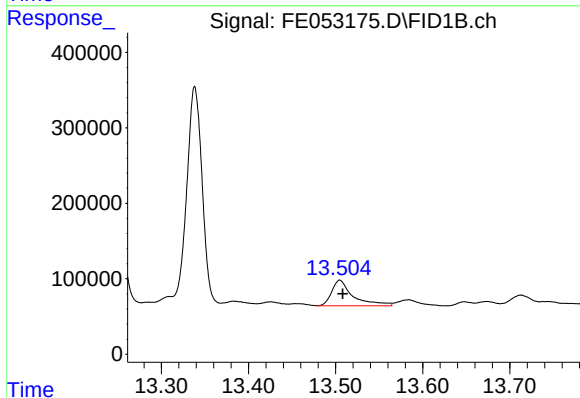
R.T.: 11.894 min
Delta R.T.: -0.001 min
Response: 4664914
Conc: 28.64 ug/ml



#10 n-Eicosane (C20)

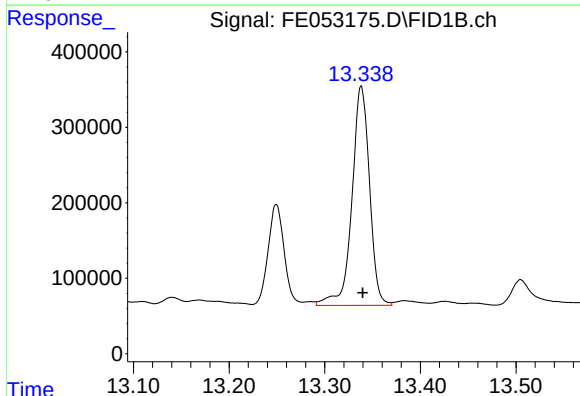
R.T.: 12.892 min
Delta R.T.: -0.003 min
Response: 902205
Conc: 6.33 ug/ml

Instrument :
FID_E
ClientSampleId :



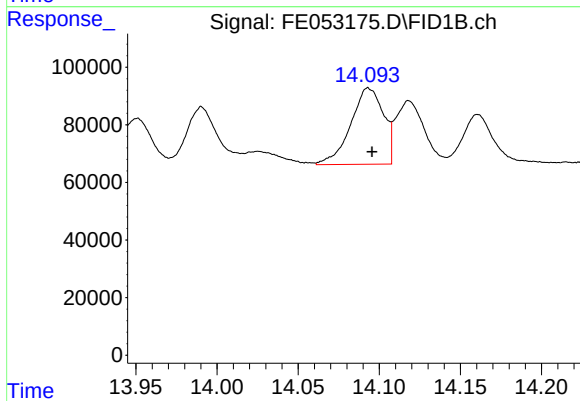
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 578996
Conc: 4.17 ug/ml



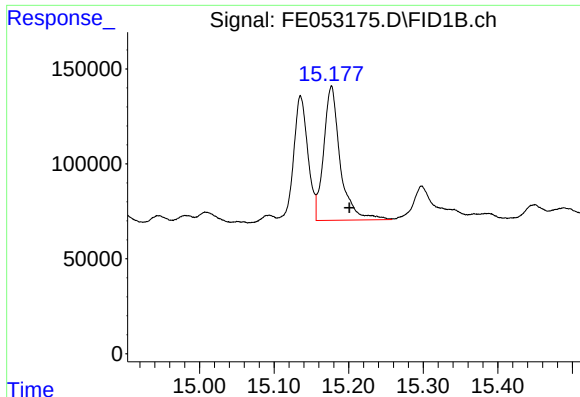
#12 1-chlorooctadecane (SURR)

R.T.: 13.338 min
Delta R.T.: -0.001 min
Response: 3721304
Conc: 31.00 ug/ml



#13 n-Docosane (C22)

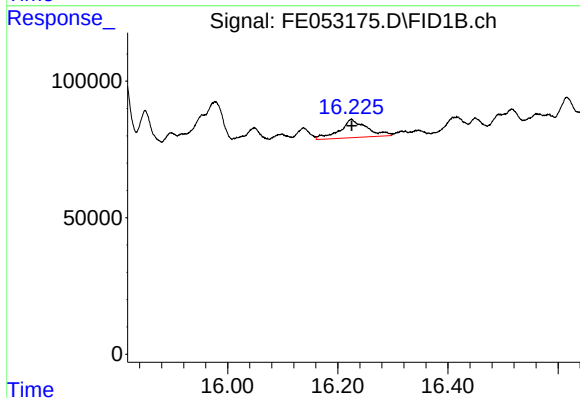
R.T.: 14.094 min
Delta R.T.: -0.002 min
Response: 371589
Conc: 2.71 ug/ml



#14 n-Tetracosane (C24)

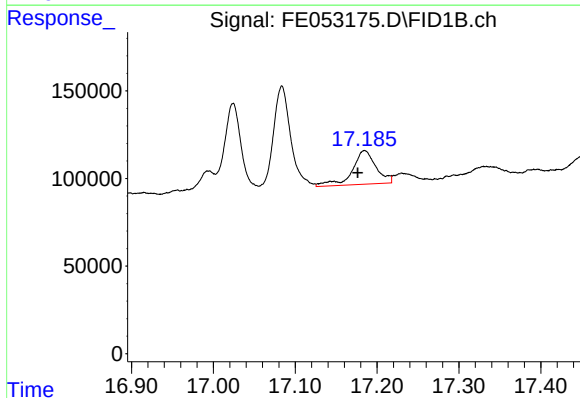
R.T.: 15.177 min
Delta R.T.: -0.024 min
Response: 1095287
Conc: 8.11 ug/ml

Instrument :
FID_E
ClientSampleId :



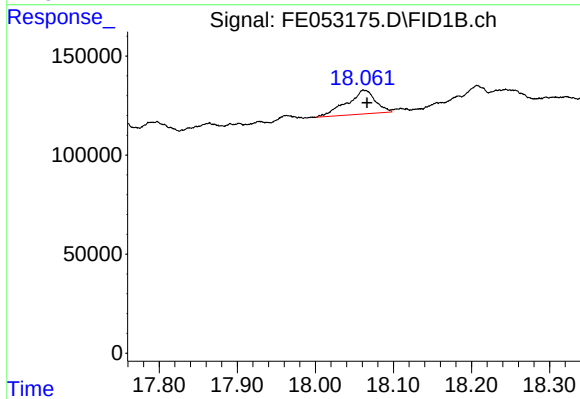
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 226108
Conc: 1.69 ug/ml



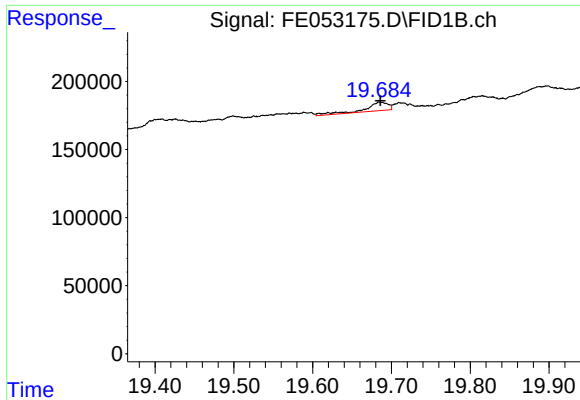
#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: 0.008 min
Response: 387848
Conc: 2.94 ug/ml



#17 n-Tricontane (C30)

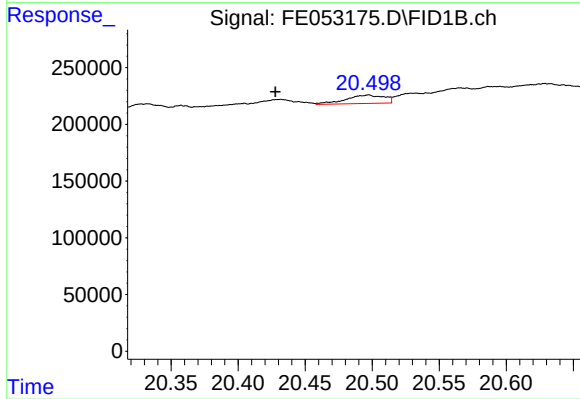
R.T.: 18.063 min
Delta R.T.: -0.003 min
Response: 305310
Conc: 2.25 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: 0.000 min
Response: 128208
Conc: 0.99 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.496 min
Delta R.T.: 0.069 min
Response: 147616
Conc: 1.24 ug/ml