

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045177.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 15:27
 Operator : YP\AJ
 Sample : 05228-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 03 23:03:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.887	26230432	130.848 ug/ml
Spiked Amount 50.000		Recovery =	261.70%
12) S 1-chlorooctadecane (S...	13.345	84146974	568.615 ug/ml
Spiked Amount 50.000		Recovery =	1137.23%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.279	136057	0.735 ug/ml
4) T n-Dodecane (C12)	6.729	239801	1.389 ug/ml
5) T A~2-methylnaphthalene...	7.357	1577853	8.747 ug/ml
6) T n-Tetradecane (C14)	8.533	11623184	67.782 ug/ml
7) T n-Hexadecane (C16)	10.168	61757281	353.163 ug/ml
8) T n-Octadecane (C18)	11.601	53814276	308.542 ug/ml
10) T n-Eicosane (C20)	12.912	118141421	707.307 ug/ml
11) T n-Heneicosane (C21)	13.527	81686894	501.110 ug/ml
13) T n-Docosane (C22)	14.127	28754706	179.769 ug/ml
14) T n-Tetracosane (C24)	15.212	20816253	134.129 ug/ml
15) T n-Hexacosane (C26)	16.245	3515354	23.415 ug/ml
16) T n-Octacosane (C28)	17.182	2519398	17.157 ug/ml
17) T n-Tricontane (C30)	18.115	3206744	21.561 ug/ml
18) T n-Dotriacontane (C32)	18.888	2493133	16.610 ug/ml
19) T n-Tetratriacontane (C34)	19.702	708298	4.758 ug/ml
20) T n-Hexatriacontane (C36)	20.428	85867	0.559 ug/ml
22) T n-Tetracontane (C40)	22.083	285683	1.709 ug/ml

(f)=RT Delta > 1/2 Window

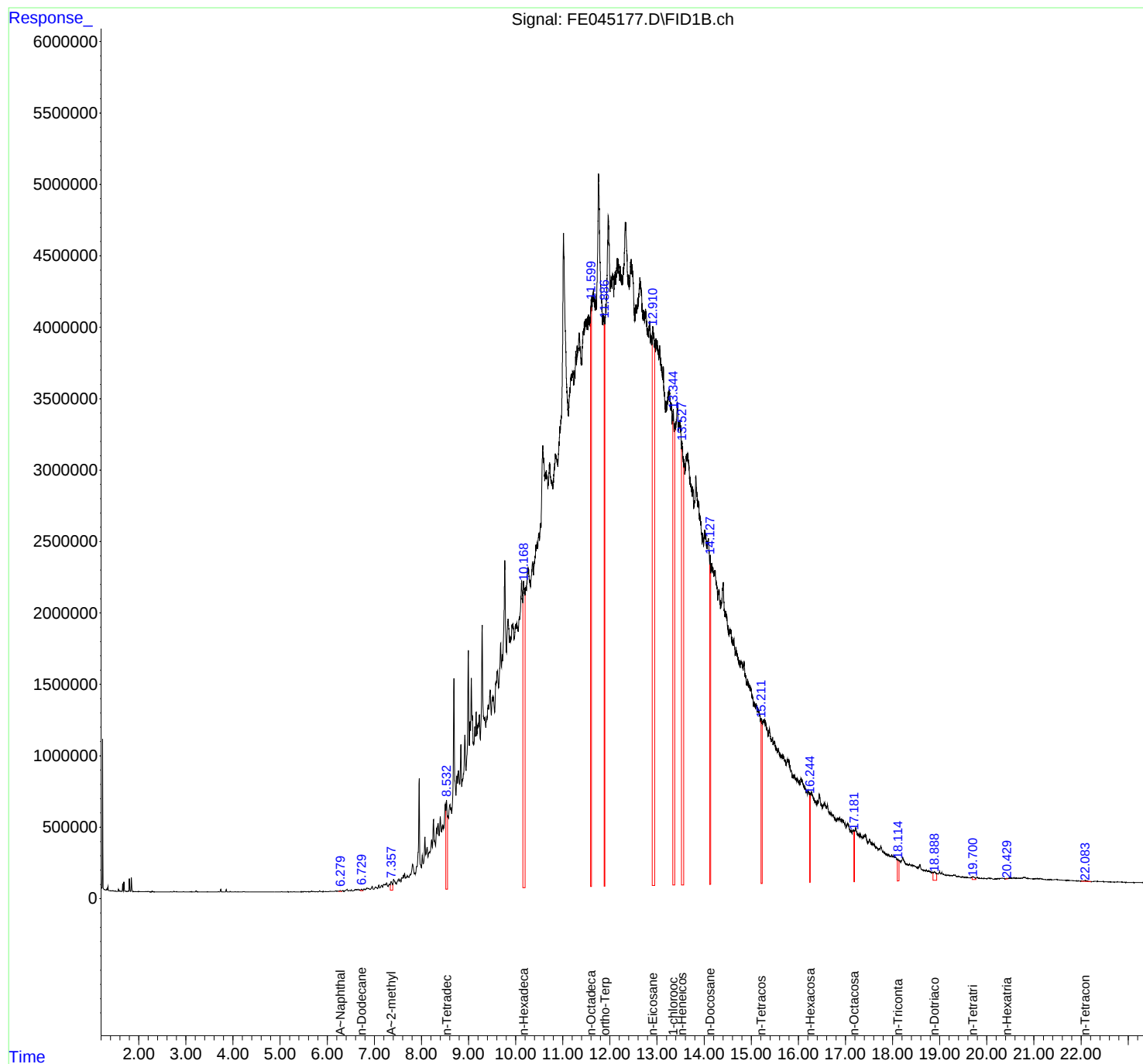
(m)=manual int.

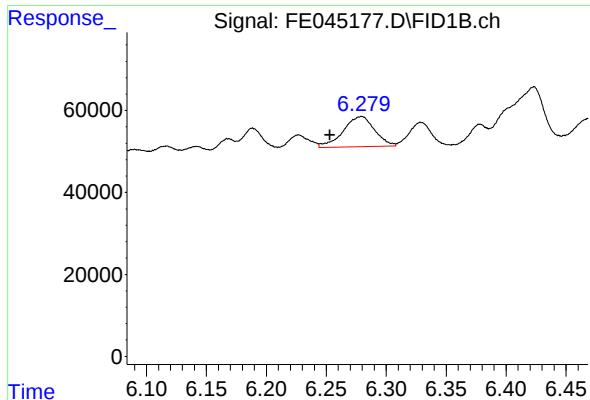
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Signal Info : 20M x 0.18mm x 0.18um

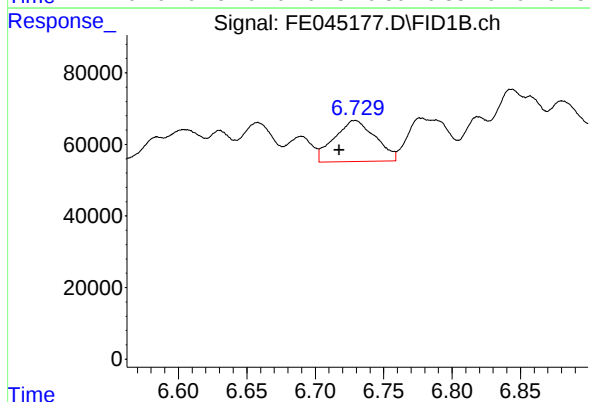




#3 A~Naphthalene (C11.7)

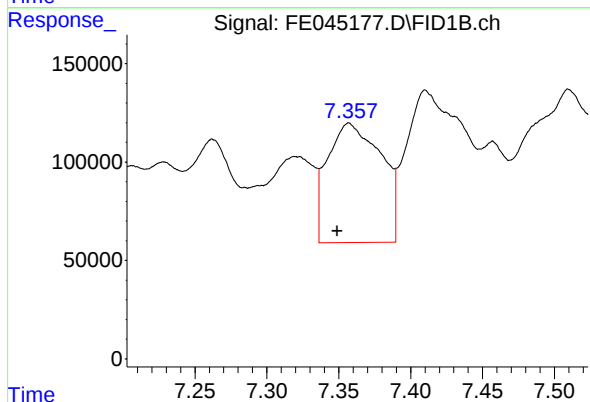
R.T.: 6.279 min
Delta R.T.: 0.026 min
Response: 136057
Conc: 0.73 ug/ml

Instrument :
FID_E
ClientSampleId :



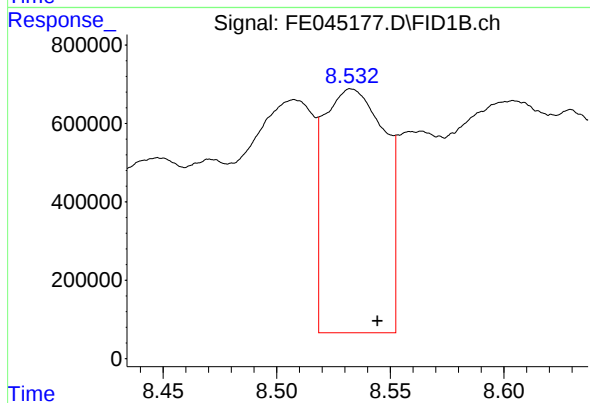
#4 n-Dodecane (C12)

R.T.: 6.729 min
Delta R.T.: 0.011 min
Response: 239801
Conc: 1.39 ug/ml



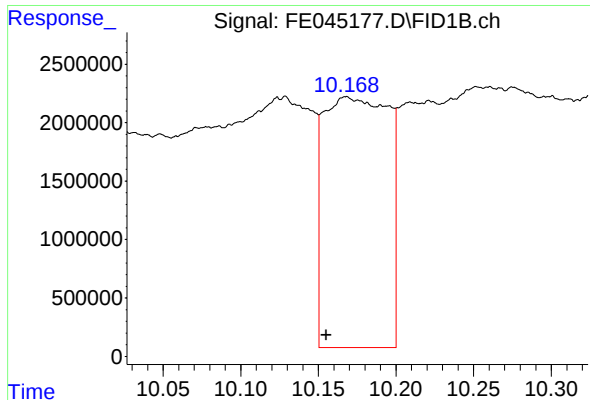
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: 0.008 min
Response: 1577853
Conc: 8.75 ug/ml



#6 n-Tetradecane (C14)

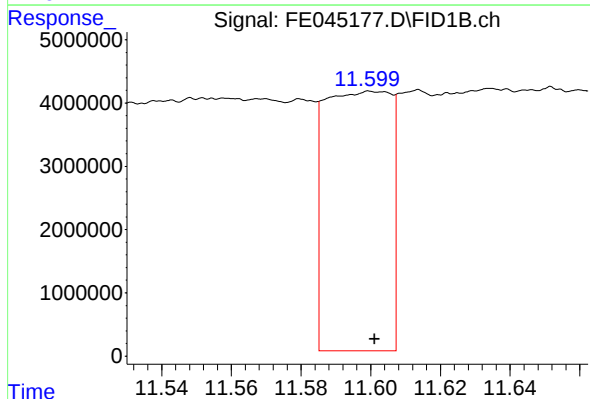
R.T.: 8.533 min
Delta R.T.: -0.012 min
Response: 11623184
Conc: 67.78 ug/ml



#7 n-Hexadecane (C16)

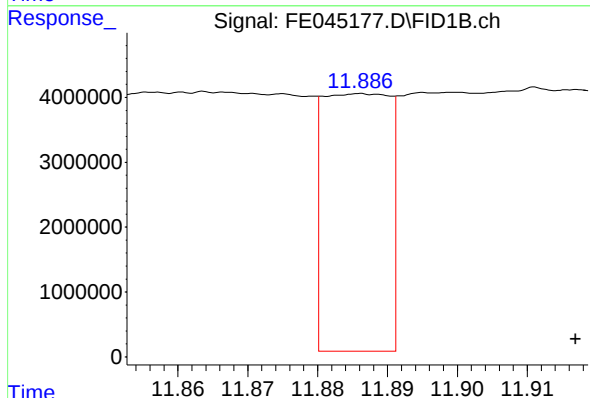
R.T.: 10.168 min
Delta R.T.: 0.012 min
Response: 61757281
Conc: 353.16 ug/ml

Instrument :
FID_E
ClientSampleId :



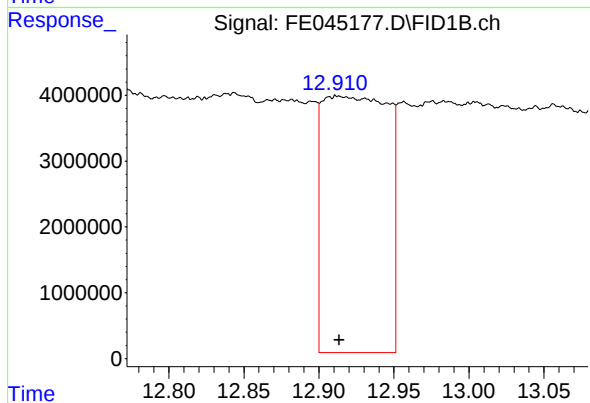
#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: 0.000 min
Response: 53814276
Conc: 308.54 ug/ml



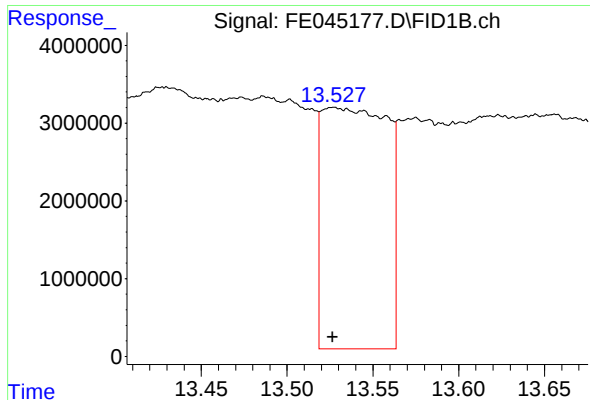
#9 ortho-Terphenyl (SURR)

R.T.: 11.887 min
Delta R.T.: -0.030 min
Response: 26230432
Conc: 130.85 ug/ml



#10 n-Eicosane (C20)

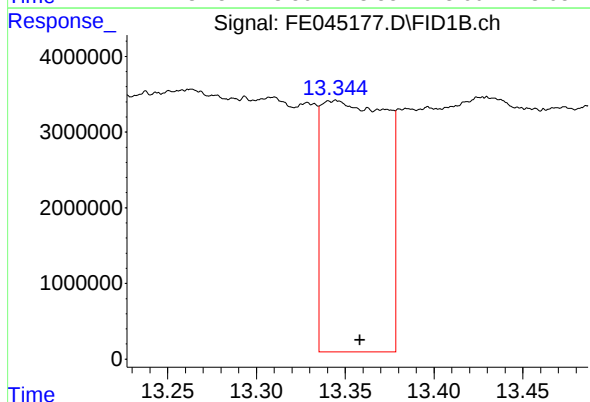
R.T.: 12.912 min
Delta R.T.: -0.001 min
Response: 118141421
Conc: 707.31 ug/ml



#11 n-Heneicosane (C21)

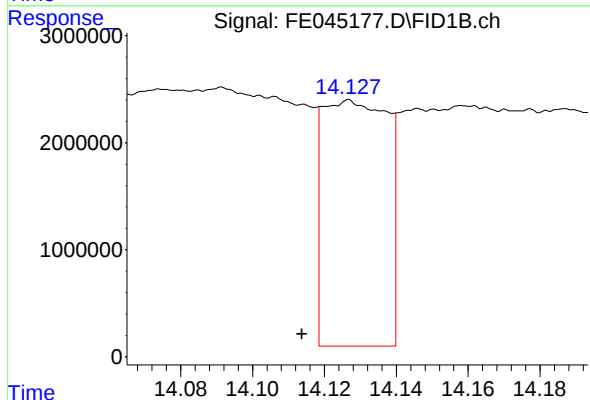
R.T.: 13.527 min
Delta R.T.: 0.000 min
Response: 81686894
Conc: 501.11 ug/ml

Instrument :
FID_E
ClientSampleId :



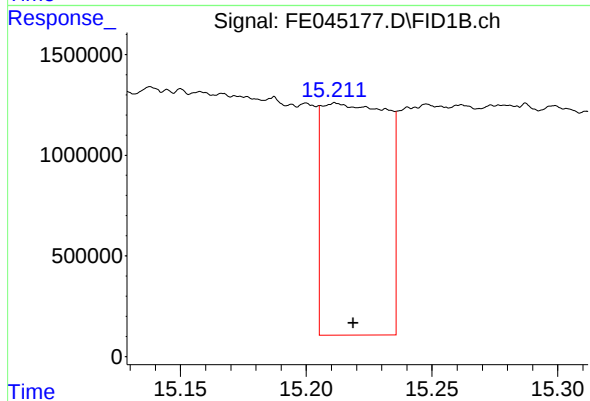
#12 1-chlorooctadecane (SURR)

R.T.: 13.345 min
Delta R.T.: -0.013 min
Response: 84146974
Conc: 568.62 ug/ml



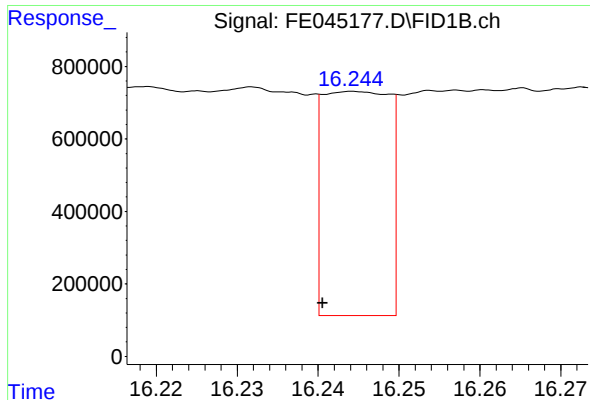
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: 0.013 min
Response: 28754706
Conc: 179.77 ug/ml



#14 n-Tetracosane (C24)

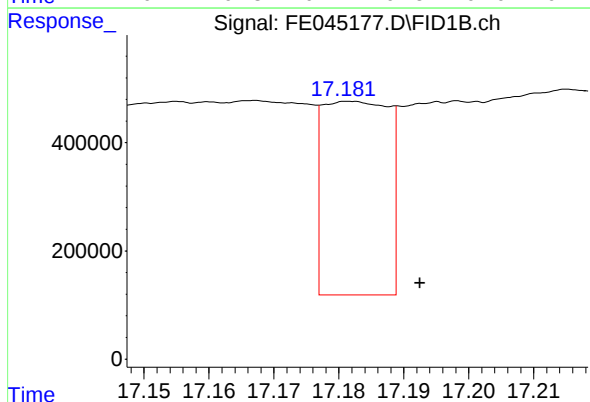
R.T.: 15.212 min
Delta R.T.: -0.007 min
Response: 20816253
Conc: 134.13 ug/ml



#15 n-Hexacosane (C26)

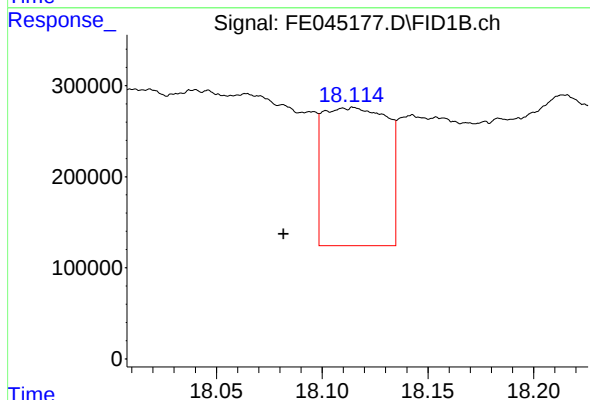
R.T.: 16.245 min
Delta R.T.: 0.004 min
Response: 3515354
Conc: 23.41 ug/ml

Instrument :
FID_E
ClientSampleId :



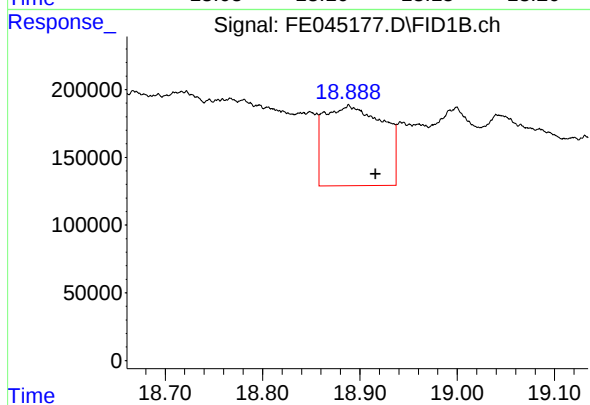
#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: -0.010 min
Response: 2519398
Conc: 17.16 ug/ml



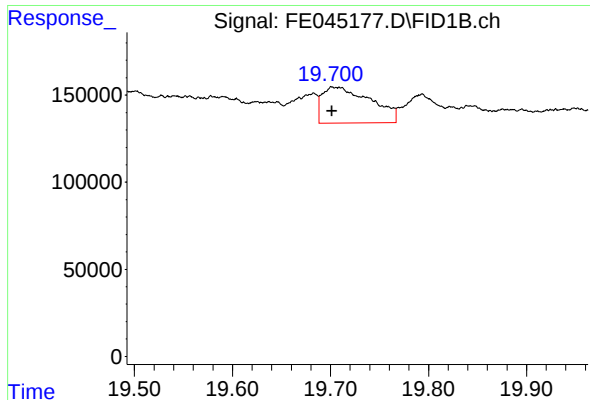
#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: 0.033 min
Response: 3206744
Conc: 21.56 ug/ml



#18 n-Dotriacontane (C32)

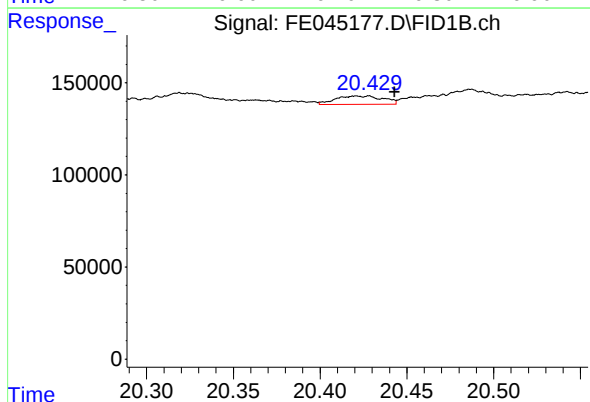
R.T.: 18.888 min
Delta R.T.: -0.028 min
Response: 2493133
Conc: 16.61 ug/ml



#19 n-Tetratriacontane (C34)

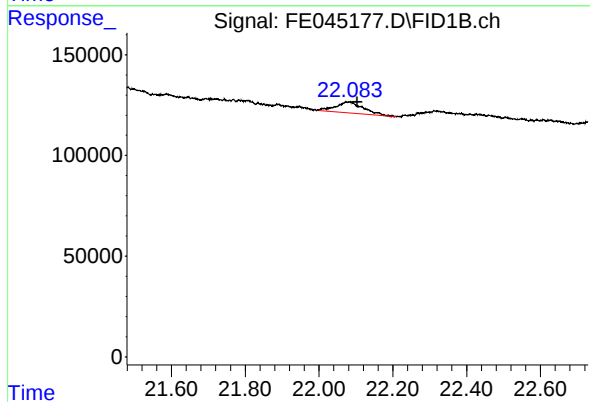
R.T.: 19.702 min
Delta R.T.: 0.000 min
Response: 708298
Conc: 4.76 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: -0.015 min
Response: 85867
Conc: 0.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.083 min
Delta R.T.: -0.020 min
Response: 285683
Conc: 1.71 ug/ml