

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050125AL\
 Data File : FE053604.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2025 13:48
 Operator : YP\AJ
 Sample : Q1920-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: May 01 14:24:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.865	4652619	25.796 ug/ml
Spiked Amount 50.000		Recovery =	51.59%
12) S 1-chlorooctadecane (S...	13.310	3623681	26.807 ug/ml
Spiked Amount 50.000		Recovery =	53.61%
Target Compounds			
1) T n-Nonane (C9)	3.226	829	0.006 ug/ml
2) T n-Decane (C10)	4.474	11524	0.083 ug/ml
3) T A~Naphthalene (C11.7)	6.199	17407	0.115 ug/ml
4) T n-Dodecane (C12)	6.683	1995	0.014 ug/ml
5) T A~2-methylnaphthalene...	7.294	4682	0.031 ug/ml
6) T n-Tetradecane (C14)	8.490	28578	0.204 ug/ml
7) T n-Hexadecane (C16)	10.101	36947	0.258 ug/ml
8) T n-Octadecane (C18)	11.548	7821	0.054 ug/ml
10) T n-Eicosane (C20)	12.861	24172	0.166 ug/ml
11) T n-Heneicosane (C21)	13.477	34595	0.239 ug/ml
13) T n-Docosane (C22)	14.093	41297	0.286 ug/ml
14) T n-Tetracosane (C24)	15.216	21284	0.148 ug/ml
15) T n-Hexacosane (C26)	16.193	31794	0.224 ug/ml
16) T n-Octacosane (C28)	17.191	114924	0.826 ug/ml
17) T n-Tricontane (C30)	18.035	62556	0.449 ug/ml
18) T n-Dotriacontane (C32)	18.867	56453	0.411 ug/ml
19) T n-Tetratriacontane (C34)	19.656	17470	0.134 ug/ml
20) T n-Hexatriacontane (C36)	20.397	134548	1.066 ug/ml
21) T n-Octatriacontane (C38)	21.136	861404	7.070 ug/ml

(f)=RT Delta > 1/2 Window

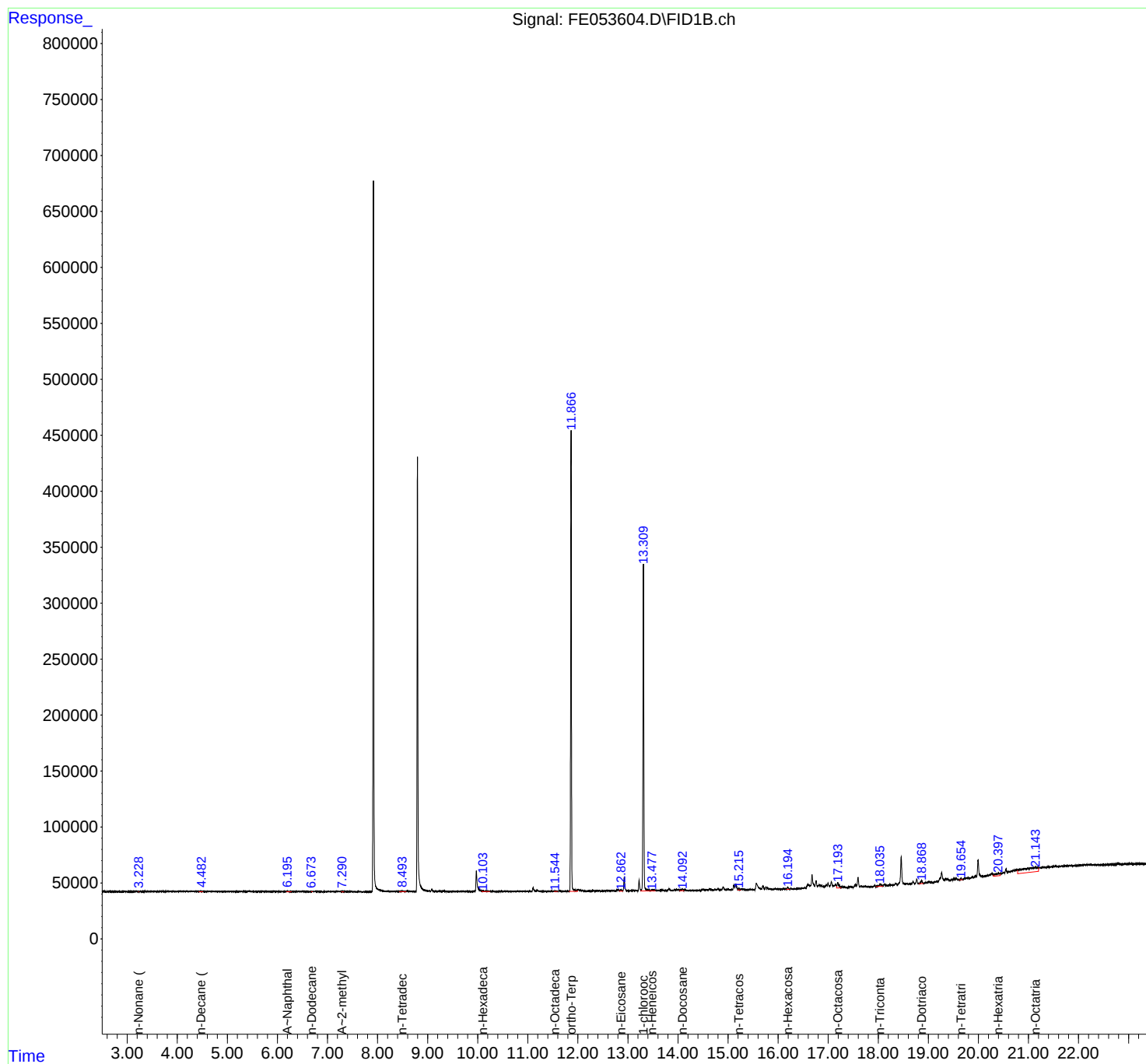
(m)=manual int.

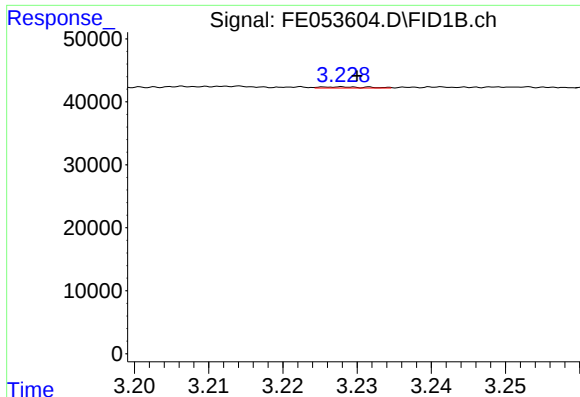
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050125AL\
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

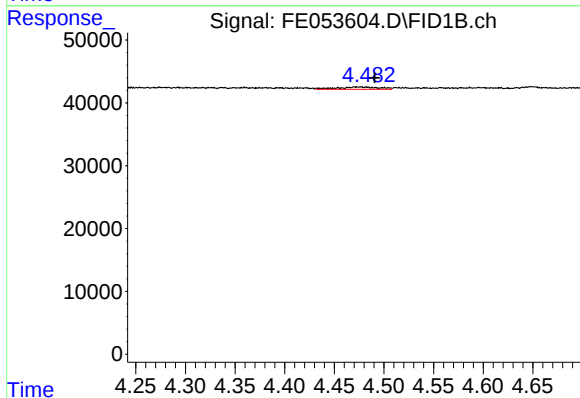




#1 n-Nonane (C9)

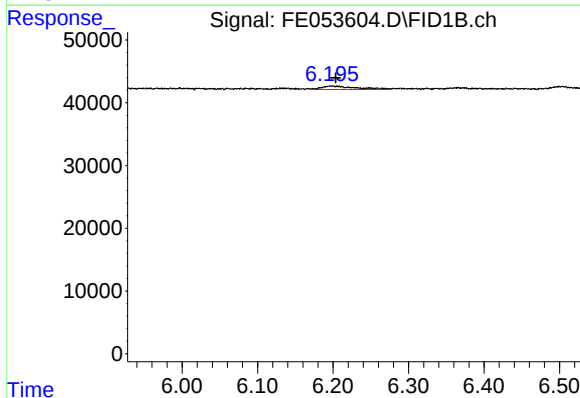
R.T.: 3.226 min
Delta R.T.: -0.004 min
Response: 829
Conc: 0.01 ug/ml

Instrument :
FID_E
ClientSampleId :



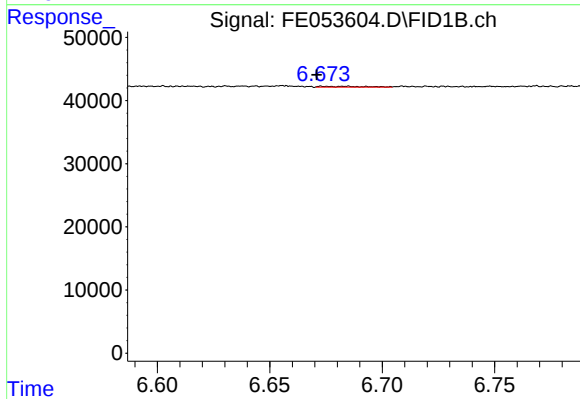
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.016 min
Response: 11524
Conc: 0.08 ug/ml



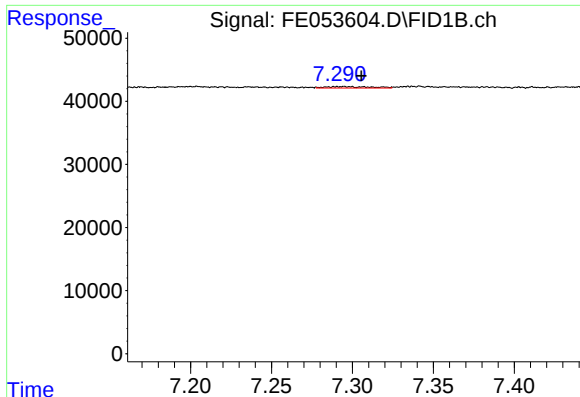
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 17407
Conc: 0.12 ug/ml



#4 n-Dodecane (C12)

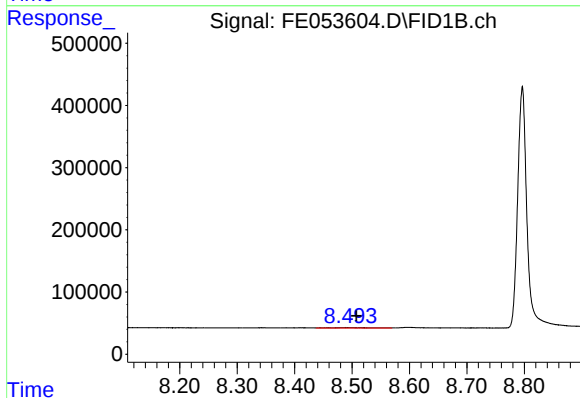
R.T.: 6.683 min
Delta R.T.: 0.012 min
Response: 1995
Conc: 0.01 ug/ml



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

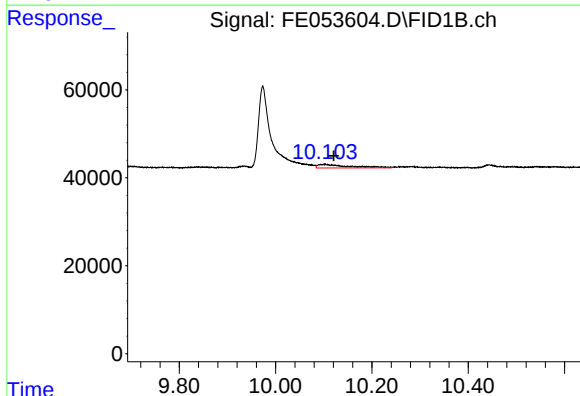
R.T.: 7.294 min
Delta R.T.: -0.012 min
Response: 4682
Conc: 0.03 ug/ml

Instrument :
FID_E
ClientSampleId :



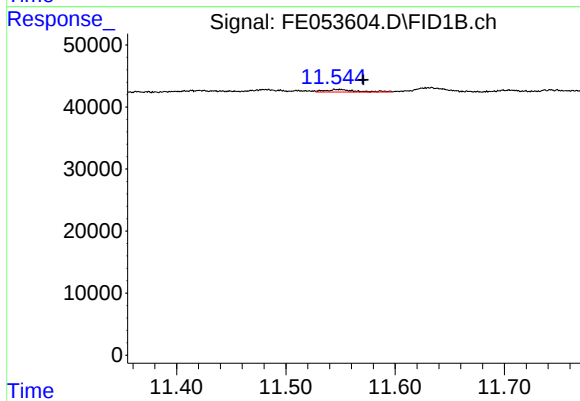
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.017 min
Response: 28578
Conc: 0.20 ug/ml



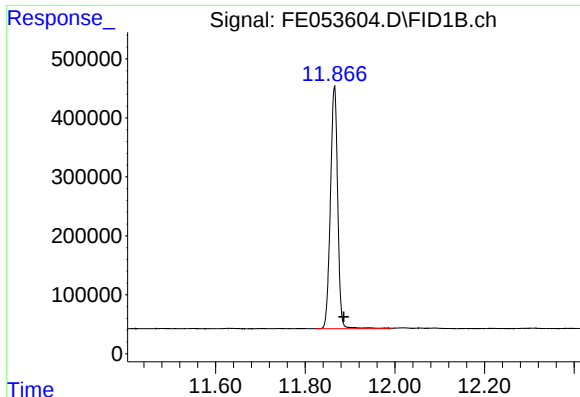
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.020 min
Response: 36947
Conc: 0.26 ug/ml



#8 n-Octadecane (C18)

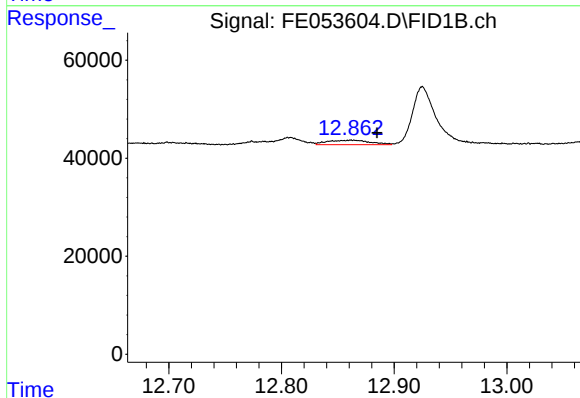
R.T.: 11.548 min
Delta R.T.: -0.022 min
Response: 7821
Conc: 0.05 ug/ml



#9 ortho-Terphenyl (SURR)

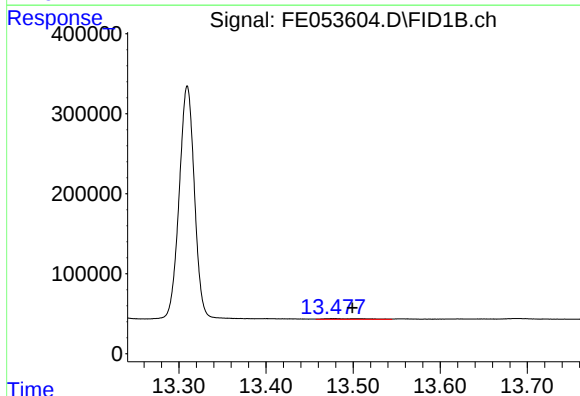
R.T.: 11.865 min
Delta R.T.: -0.021 min
Response: 4652619
Conc: 25.80 ug/ml

Instrument :
FID_E
ClientSampleId :



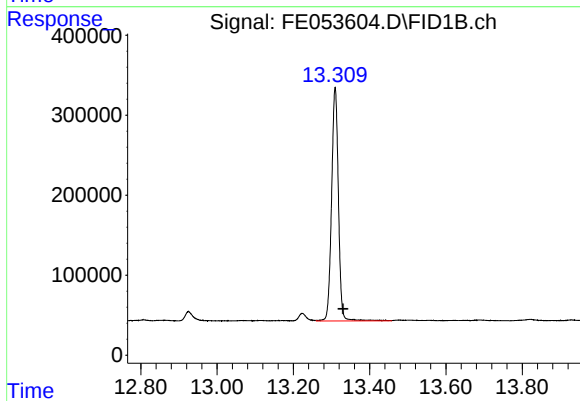
#10 n-Eicosane (C20)

R.T.: 12.861 min
Delta R.T.: -0.024 min
Response: 24172
Conc: 0.17 ug/ml



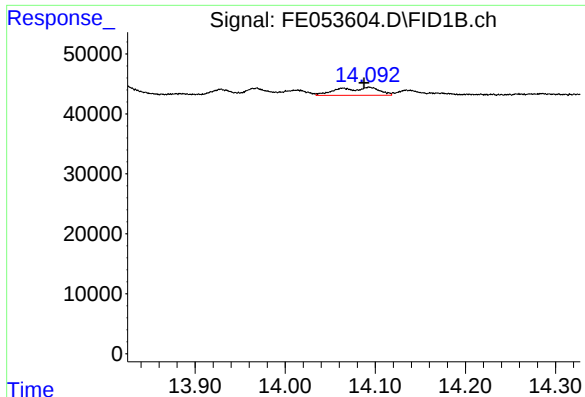
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: -0.022 min
Response: 34595
Conc: 0.24 ug/ml



#12 1-chlorooctadecane (SURR)

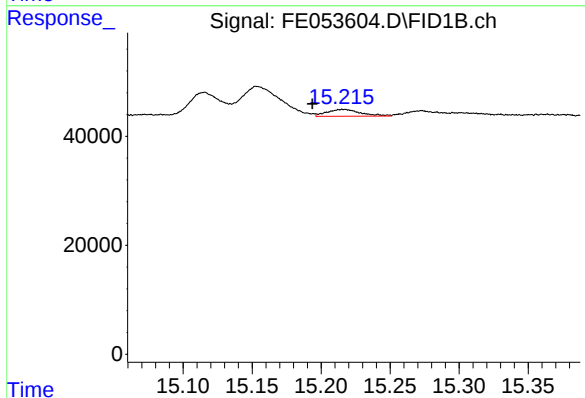
R.T.: 13.310 min
Delta R.T.: -0.021 min
Response: 3623681
Conc: 26.81 ug/ml



#13 n-Docosane (C22)

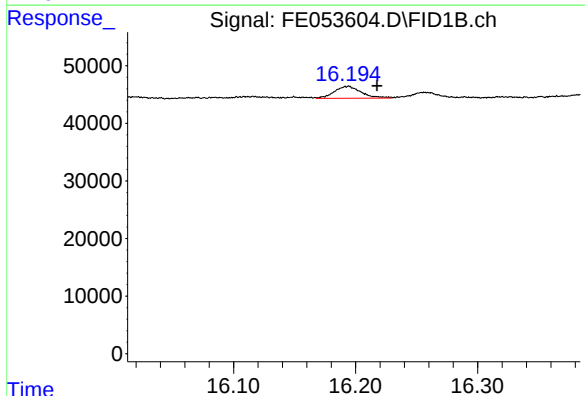
R.T.: 14.093 min
Delta R.T.: 0.006 min
Response: 41297
Conc: 0.29 ug/ml

Instrument :
FID_E
ClientSampleId :



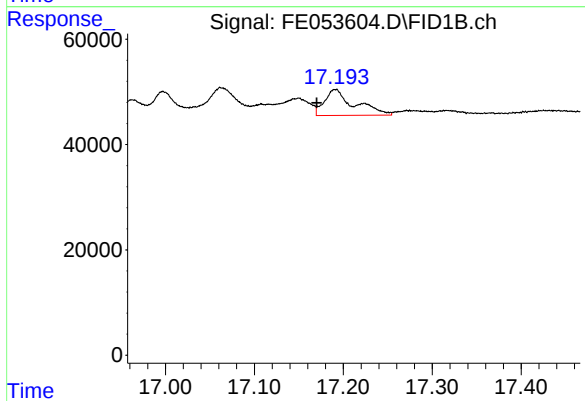
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.022 min
Response: 21284
Conc: 0.15 ug/ml



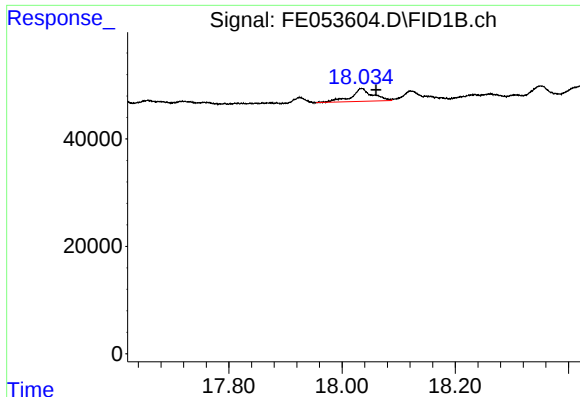
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: -0.024 min
Response: 31794
Conc: 0.22 ug/ml



#16 n-Octacosane (C28)

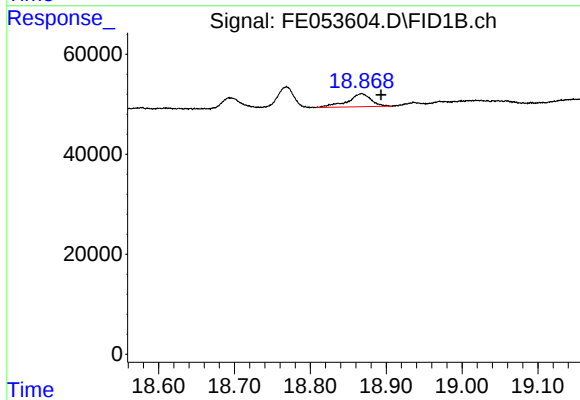
R.T.: 17.191 min
Delta R.T.: 0.021 min
Response: 114924
Conc: 0.83 ug/ml



#17 n-Tricontane (C30)

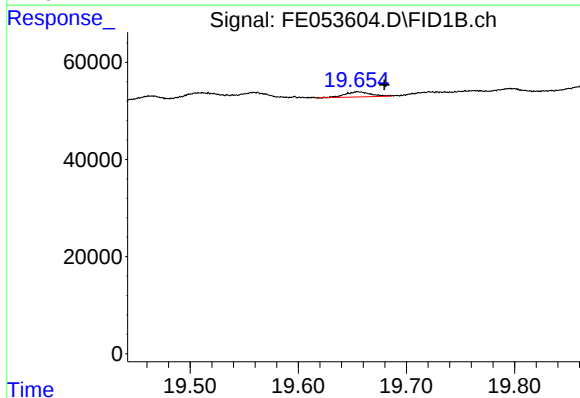
R.T.: 18.035 min
Delta R.T.: -0.025 min
Response: 62556
Conc: 0.45 ug/ml

Instrument :
FID_E
ClientSampleId :



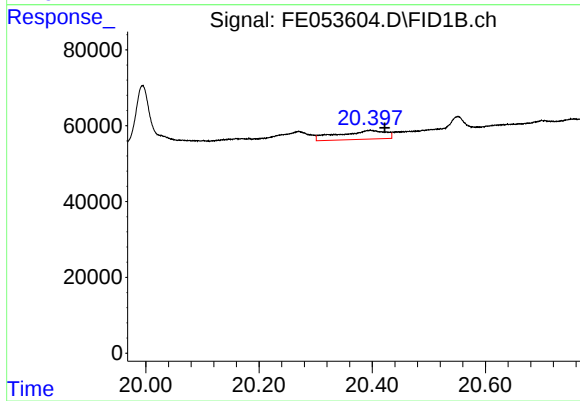
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: -0.026 min
Response: 56453
Conc: 0.41 ug/ml



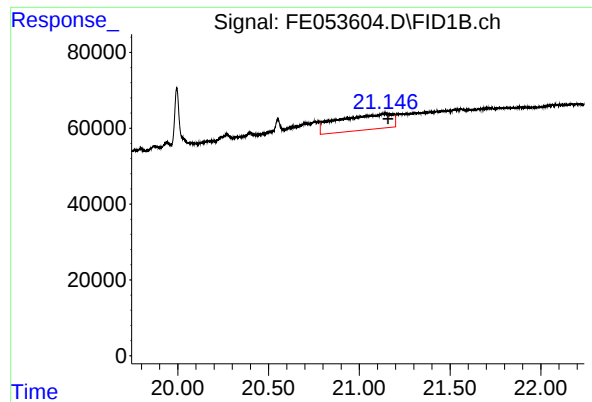
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.024 min
Response: 17470
Conc: 0.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.397 min
Delta R.T.: -0.025 min
Response: 134548
Conc: 1.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.136 min
Delta R.T.: -0.022 min
Response: 861404
Conc: 7.07 ug/ml

Instrument :
FID_E
ClientSampleId :