

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041025AL\
 Data File : FE053309.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2025 17:33
 Operator : YP\AJ
 Sample : Q1771-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 02:09:49 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)	11.888	5471011	33.589 ug/ml
Spiked Amount 50.000		Recovery =	67.18%
12) S 1-chlorooctadecane (S...	13.332	4301202	35.830 ug/ml
Spiked Amount 50.000		Recovery =	71.66%
Target Compounds			
1) T n-Nonane (C9)	3.231	649197	4.193 ug/ml
2) T n-Decane (C10)	4.494	3373869	21.509 ug/ml
3) T A~Naphthalene (C11.7)	6.236	8487538	50.524 ug/ml
4) T n-Dodecane (C12)	6.681	13863610	88.643 ug/ml
5) T A~2-methylnaphthalene...	7.310	12744096	79.870 ug/ml
6) T n-Tetradecane (C14)	8.518	13265048	86.634 ug/ml
7) T n-Hexadecane (C16)	10.125	4734799	30.716 ug/ml
8) T n-Octadecane (C18)	11.571	735993	4.853 ug/ml
10) T n-Eicosane (C20)	12.885	642410	4.506 ug/ml
11) T n-Heneicosane (C21)	13.499	486338	3.505 ug/ml
13) T n-Docosane (C22)	14.087	481310	3.514 ug/ml
14) T n-Tetracosane (C24)	15.173	539061	3.991 ug/ml
15) T n-Hexacosane (C26)	16.220	685986	5.142 ug/ml
16) T n-Octacosane (C28)	17.189	899272	6.814 ug/ml
17) T n-Tricontane (C30)	18.065	717627	5.295 ug/ml
18) T n-Dotriacontane (C32)	18.901	788677	5.861 ug/ml
19) T n-Tetratriacontane (C34)	19.689	706628	5.461 ug/ml
20) T n-Hexatriacontane (C36)	20.435	683727	5.756 ug/ml
21) T n-Octatriacontane (C38)	21.175	563191	4.900 ug/ml
22) T n-Tetracontane (C40)	22.098	820655	7.307 ug/ml

(f)=RT Delta > 1/2 Window

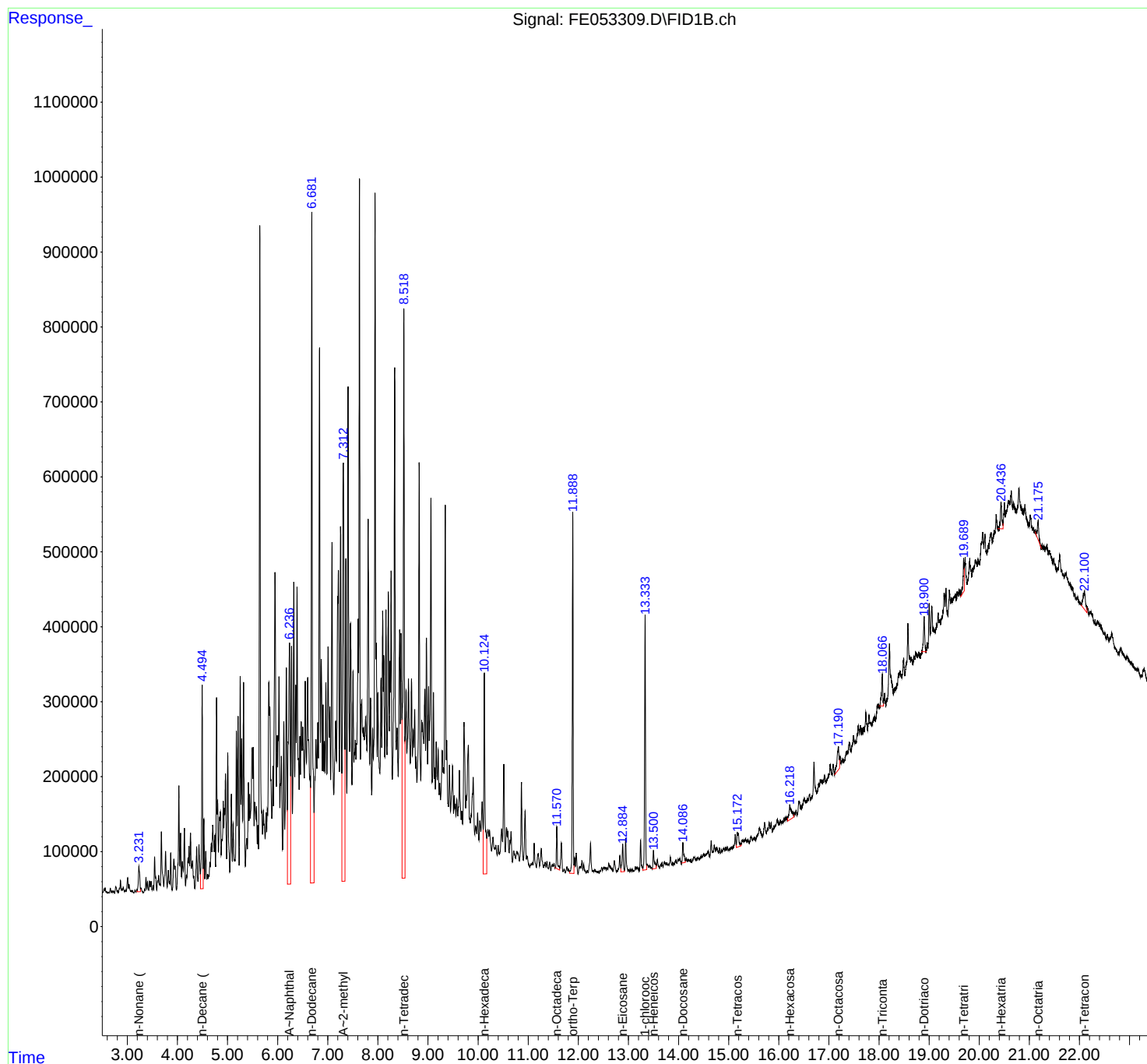
(m)=manual int.

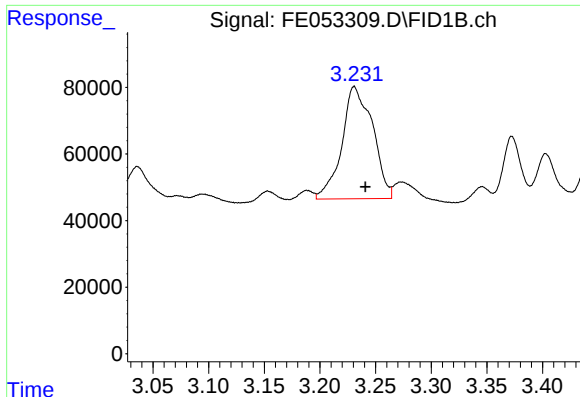
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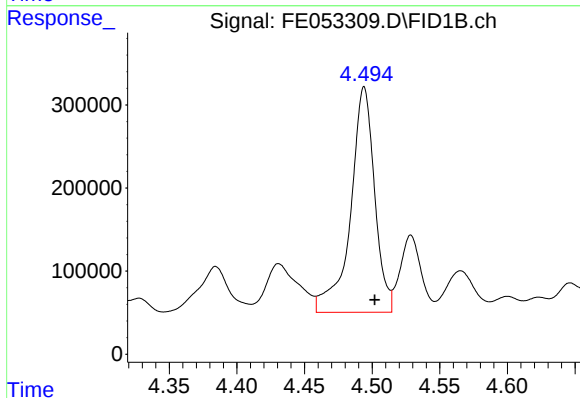




#1 n-Nonane (C9)

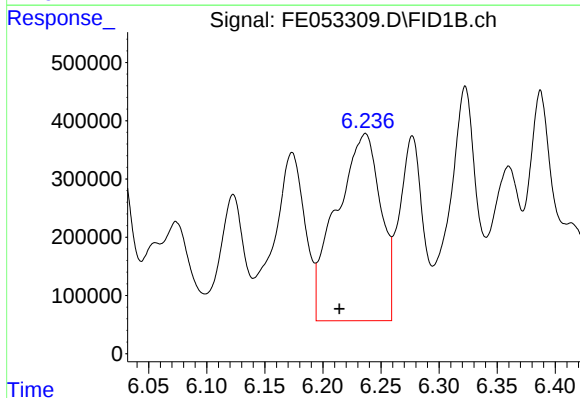
R.T.: 3.231 min
Delta R.T.: -0.010 min
Response: 649197
Conc: 4.19 ug/ml

Instrument :
FID_E
ClientSampleId :



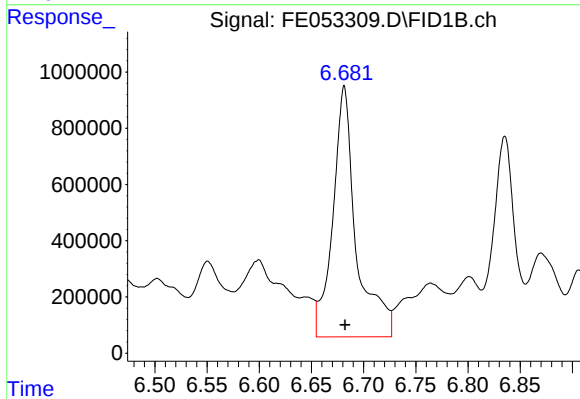
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.008 min
Response: 3373869
Conc: 21.51 ug/ml



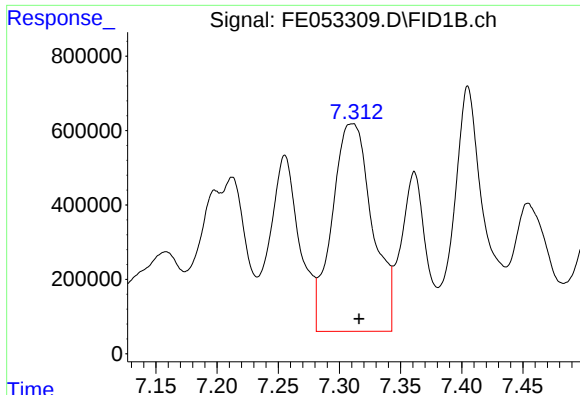
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: 0.022 min
Response: 8487538
Conc: 50.52 ug/ml



#4 n-Dodecane (C12)

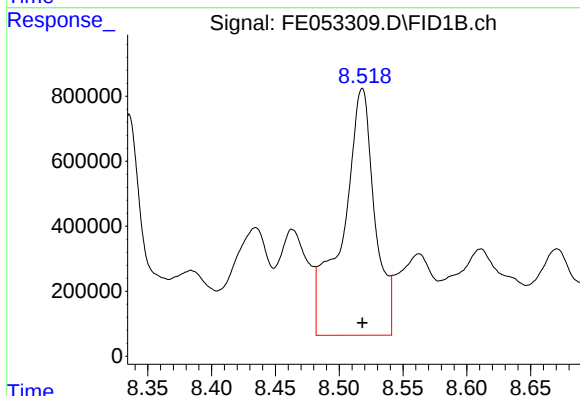
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 13863610
Conc: 88.64 ug/ml



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

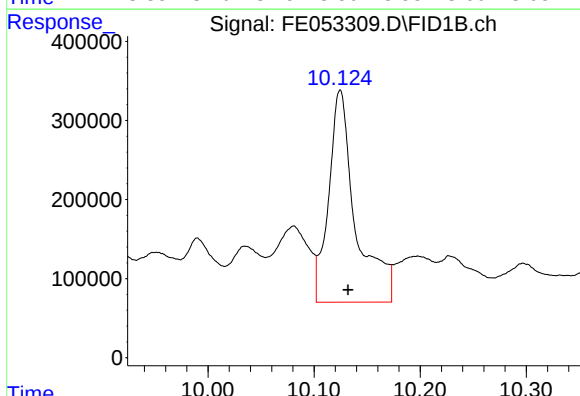
R.T.: 7.310 min
Delta R.T.: -0.006 min
Response: 12744096
Conc: 79.87 ug/ml

Instrument :
FID_E
ClientSampleId :



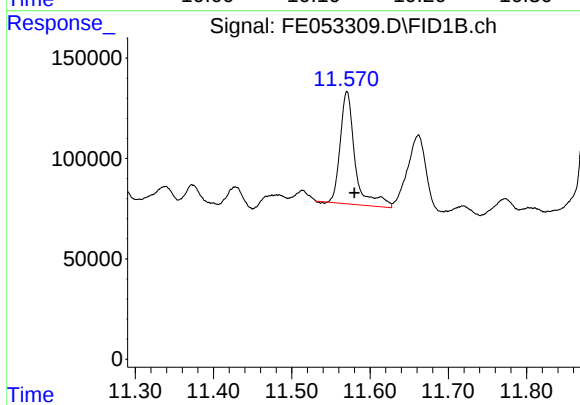
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 13265048
Conc: 86.63 ug/ml



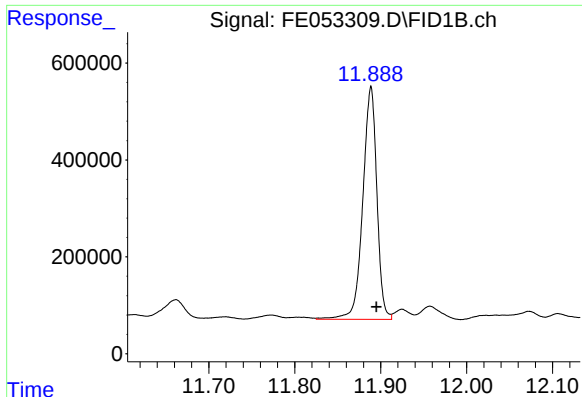
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.007 min
Response: 4734799
Conc: 30.72 ug/ml



#8 n-Octadecane (C18)

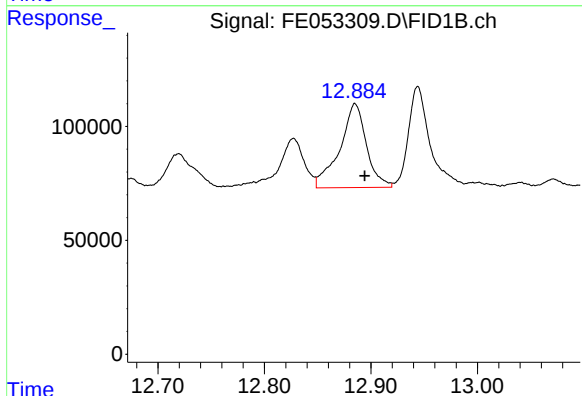
R.T.: 11.571 min
Delta R.T.: -0.010 min
Response: 735993
Conc: 4.85 ug/ml



#9 ortho-Terphenyl (SURR)

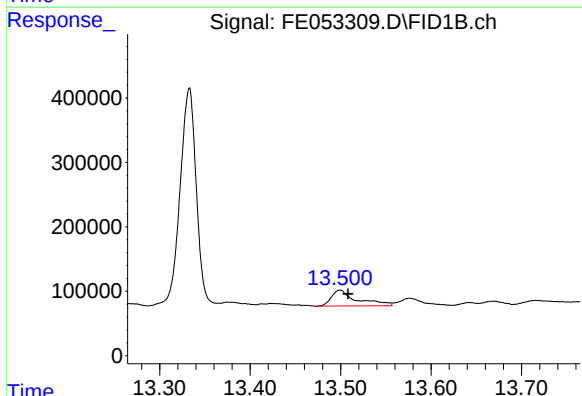
R.T.: 11.888 min
Delta R.T.: -0.007 min
Response: 5471011
Conc: 33.59 ug/ml

Instrument :
FID_E
ClientSampleId :



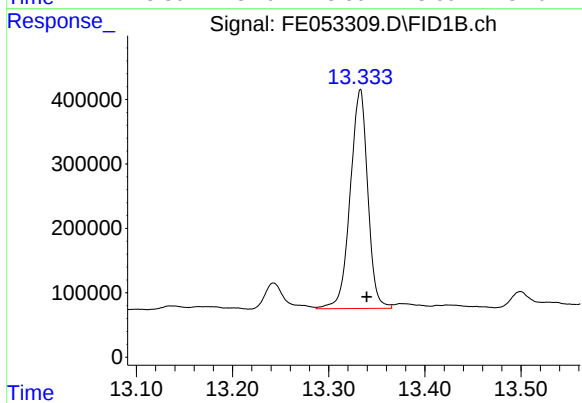
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.009 min
Response: 642410
Conc: 4.51 ug/ml



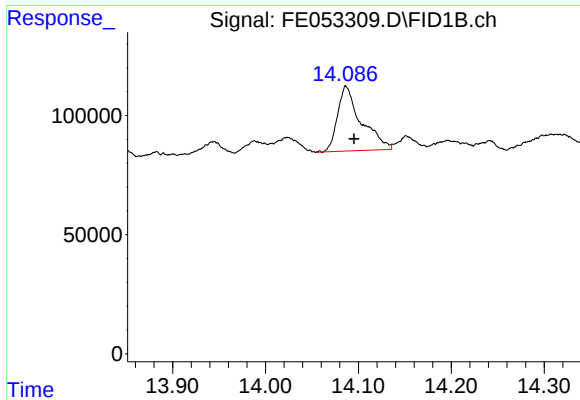
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.009 min
Response: 486338
Conc: 3.50 ug/ml



#12 1-chlorooctadecane (SURR)

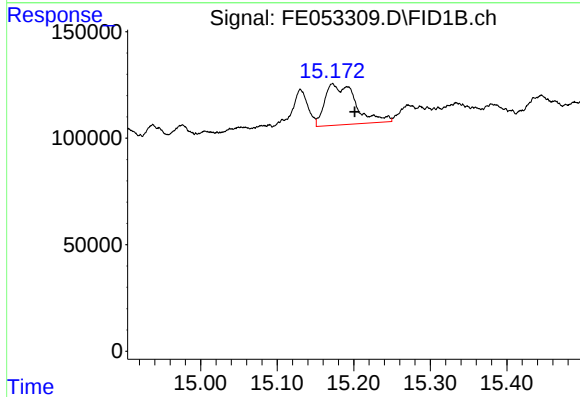
R.T.: 13.332 min
Delta R.T.: -0.007 min
Response: 4301202
Conc: 35.83 ug/ml



#13 n-Docosane (C22)

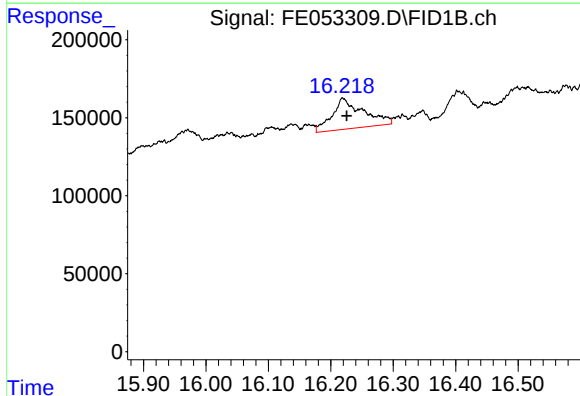
R.T.: 14.087 min
Delta R.T.: -0.008 min
Response: 481310
Conc: 3.51 ug/ml

Instrument :
FID_E
ClientSampleId :



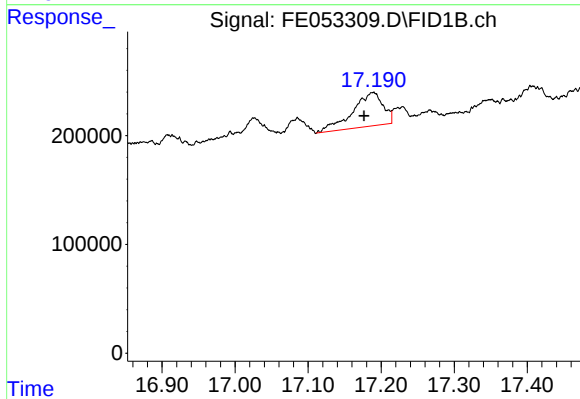
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.029 min
Response: 539061
Conc: 3.99 ug/ml



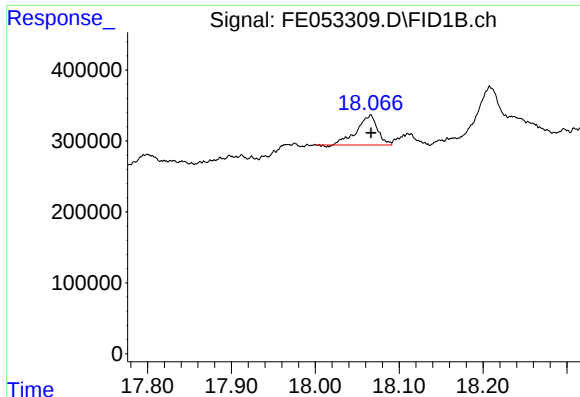
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.006 min
Response: 685986
Conc: 5.14 ug/ml



#16 n-Octacosane (C28)

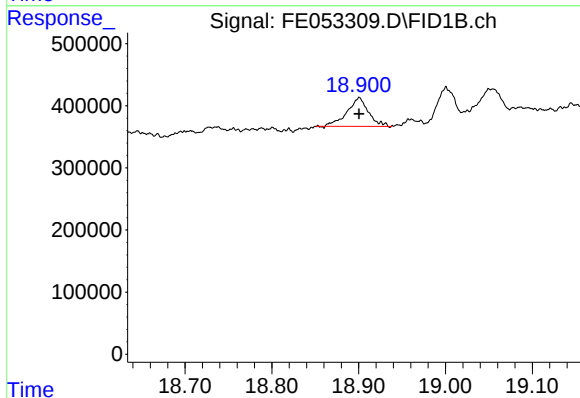
R.T.: 17.189 min
Delta R.T.: 0.012 min
Response: 899272
Conc: 6.81 ug/ml



#17 n-Tricontane (C30)

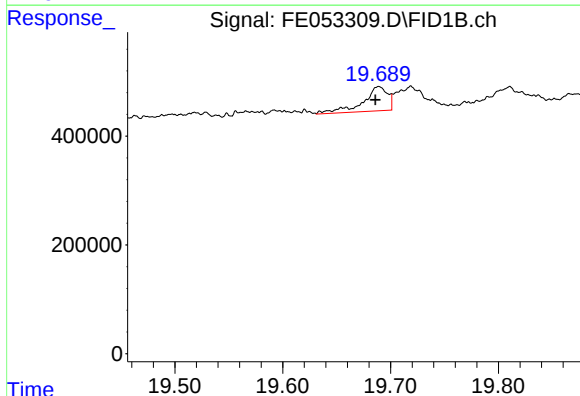
R.T.: 18.065 min
Delta R.T.: -0.002 min
Response: 717627
Conc: 5.29 ug/ml

Instrument :
FID_E
ClientSampleId :



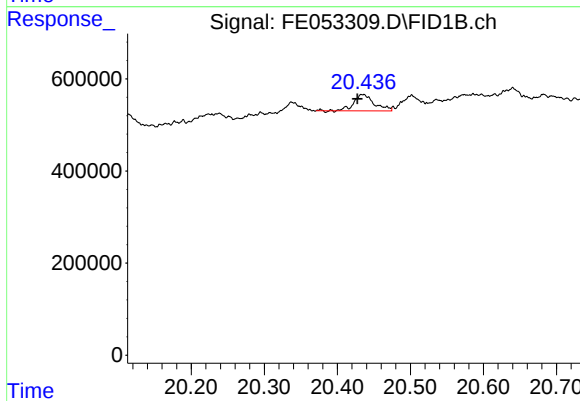
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: 0.000 min
Response: 788677
Conc: 5.86 ug/ml



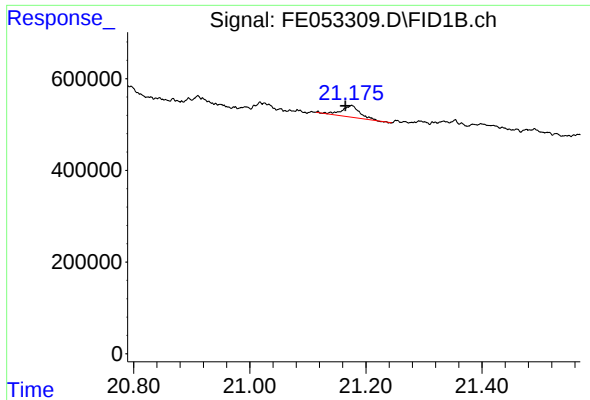
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.003 min
Response: 706628
Conc: 5.46 ug/ml



#20 n-Hexatriacontane (C36)

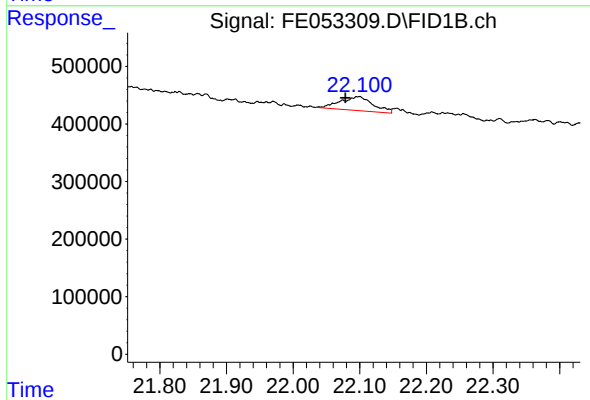
R.T.: 20.435 min
Delta R.T.: 0.007 min
Response: 683727
Conc: 5.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: 0.010 min
Response: 563191
Conc: 4.90 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: 0.020 min
Response: 820655
Conc: 7.31 ug/ml