

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082525AL\
 Data File : FE055482.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2025 14:47
 Operator : YP\AJ
 Sample : Q2941-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 26 01:20:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.090	8475805	59.353 ug/ml
Spiked Amount 50.000		Recovery =	118.71%
12) S 1-chlorooctadecane (S...	13.526	6786891	63.120 ug/ml
Spiked Amount 50.000		Recovery =	126.24%
Target Compounds			
1) T n-Nonane (C9)	3.415	7510	0.065 ug/ml
2) T n-Decane (C10)	4.677	15639	0.134 ug/ml
3) T A~Naphthalene (C11.7)	6.397	67166	0.500 ug/ml
4) T n-Dodecane (C12)	6.855	18050	0.152 ug/ml
5) T A~2-methylnaphthalene...	7.502	23894	0.183 ug/ml
6) T n-Tetradecane (C14)	8.688	57925	0.472 ug/ml
7) T n-Hexadecane (C16)	10.308	21638	0.169 ug/ml
8) T n-Octadecane (C18)	11.757	28179	0.216 ug/ml
10) T n-Eicosane (C20)	13.072	119118	0.949 ug/ml
11) T n-Heneicosane (C21)	13.690	20131	0.163 ug/ml
13) T n-Docosane (C22)	14.278	106058	0.868 ug/ml
14) T n-Tetracosane (C24)	15.380	889704	7.315 ug/ml
15) T n-Hexacosane (C26)	16.408	90700	0.758 ug/ml
16) T n-Octacosane (C28)	17.360	243293	2.051 ug/ml
17) T n-Tricontane (C30)	18.251	2140585	17.396 ug/ml
18) T n-Dotriacontane (C32)	19.082	1761303	14.436 ug/ml
19) T n-Tetratriacontane (C34)	19.870	3214344	27.492 ug/ml
20) T n-Hexatriacontane (C36)	20.608	3255266	29.783 ug/ml
21) T n-Octatriacontane (C38)	21.358	8936525	82.691 ug/ml
22) T n-Tetracontane (C40)	22.368	6541410	62.553 ug/ml

(f)=RT Delta > 1/2 Window

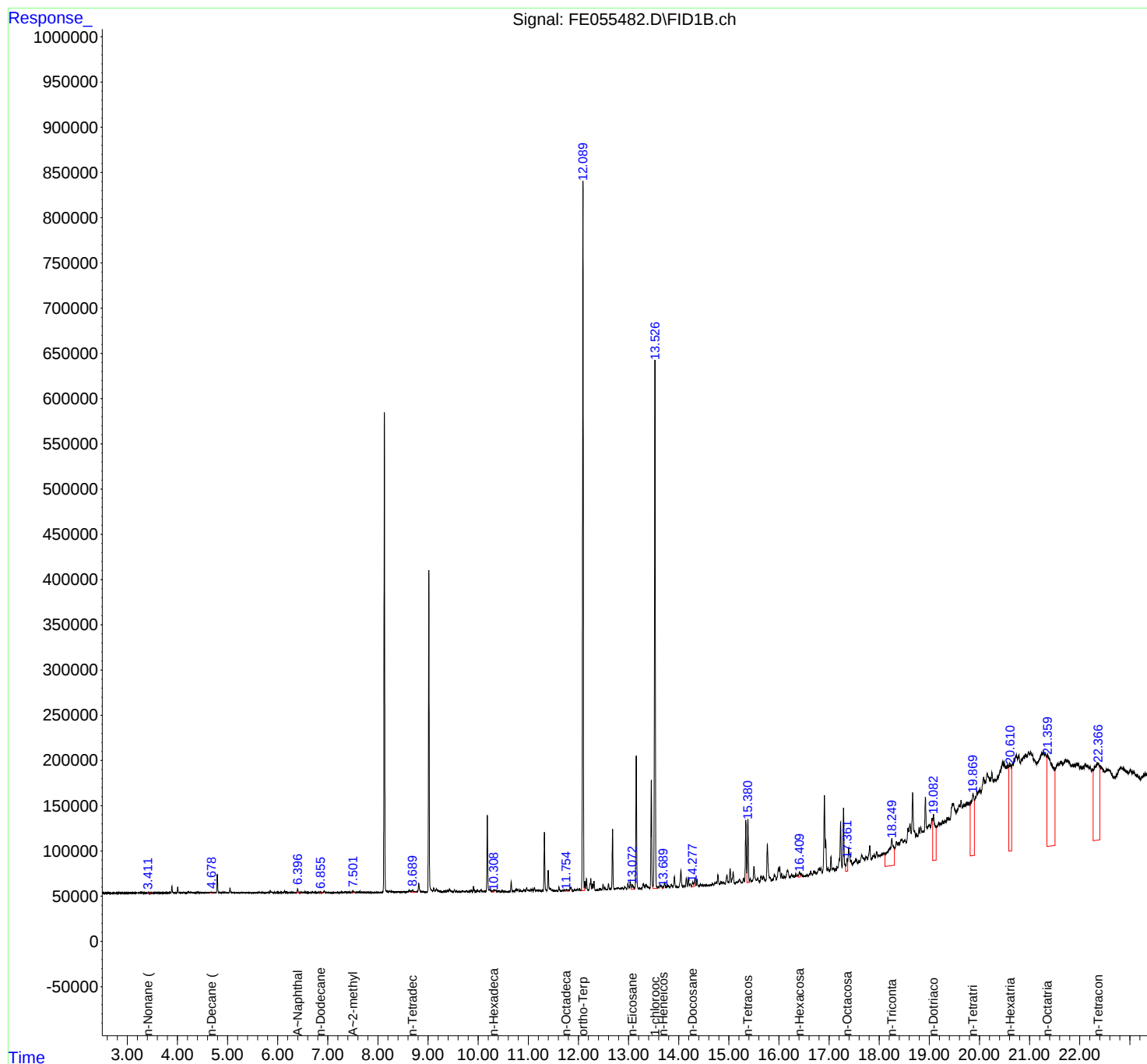
(m)=manual int.

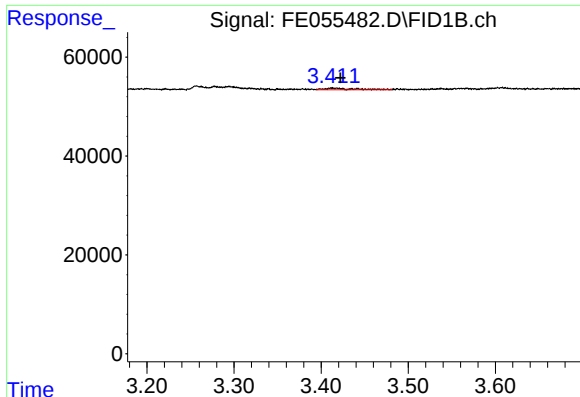
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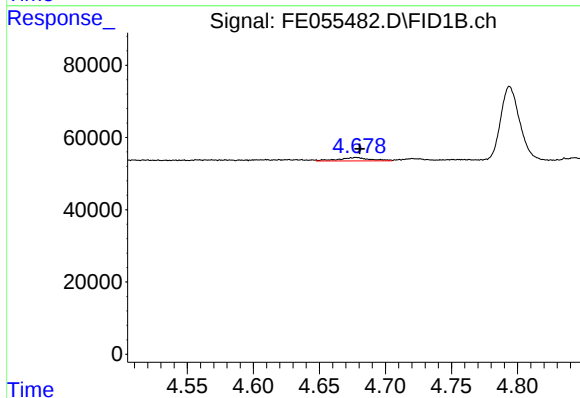




#1 n-Nonane (C9)

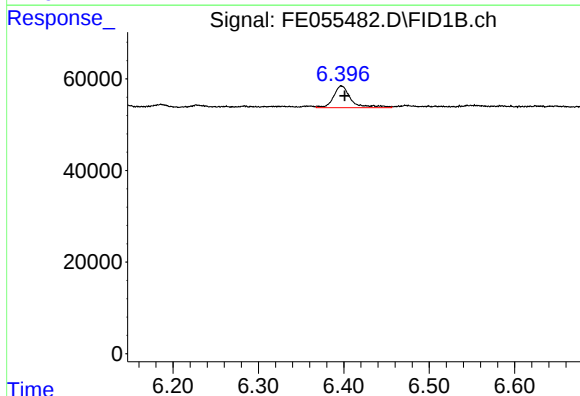
R.T.: 3.415 min
Delta R.T.: -0.007 min
Response: 7510
Conc: 0.07 ug/ml

Instrument :
FID_E
ClientSampleId :



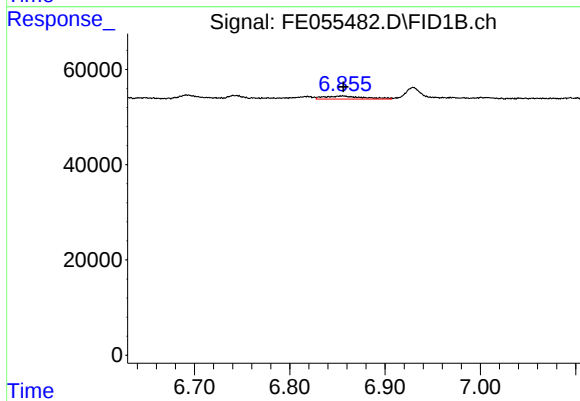
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 15639
Conc: 0.13 ug/ml



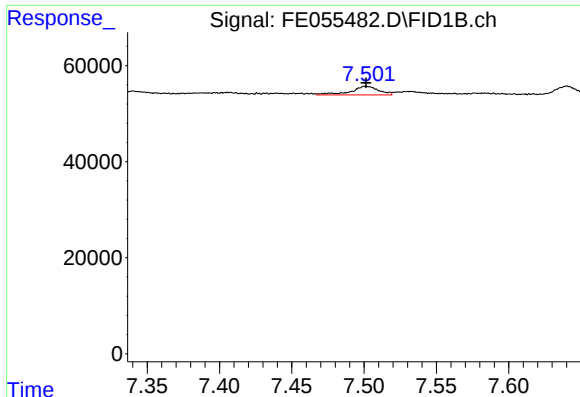
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.003 min
Response: 67166
Conc: 0.50 ug/ml



#4 n-Dodecane (C12)

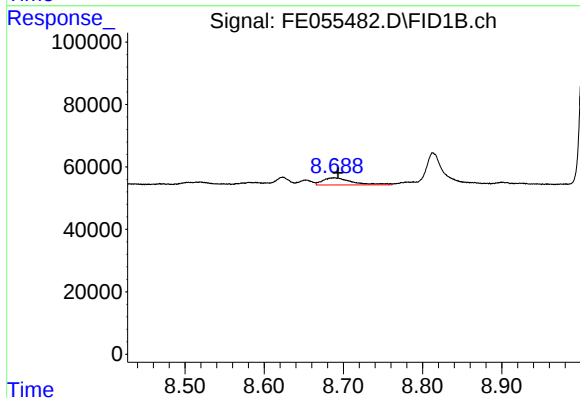
R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 18050
Conc: 0.15 ug/ml



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

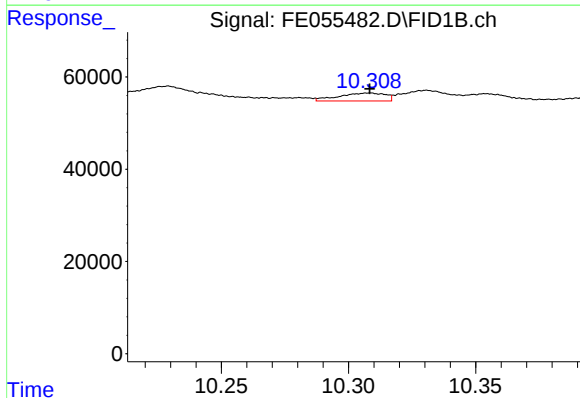
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 23894
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :



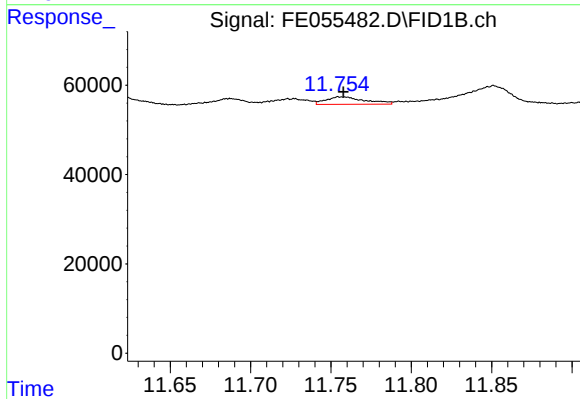
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: -0.006 min
Response: 57925
Conc: 0.47 ug/ml



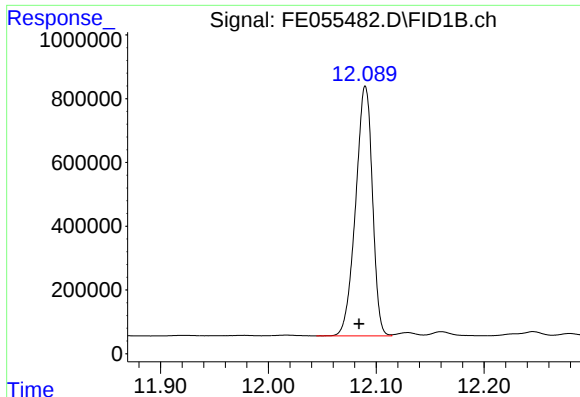
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 21638
Conc: 0.17 ug/ml



#8 n-Octadecane (C18)

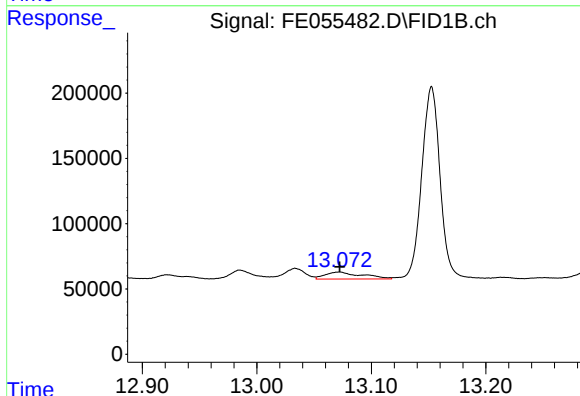
R.T.: 11.757 min
Delta R.T.: 0.000 min
Response: 28179
Conc: 0.22 ug/ml



#9 ortho-Terphenyl (SURR)

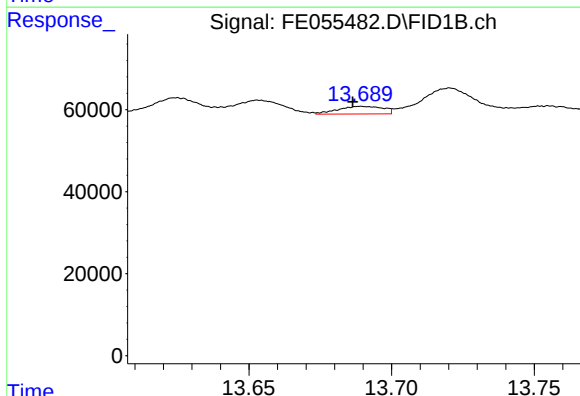
R.T.: 12.090 min
Delta R.T.: 0.006 min
Response: 8475805
Conc: 59.35 ug/ml

Instrument :
FID_E
ClientSampleId :



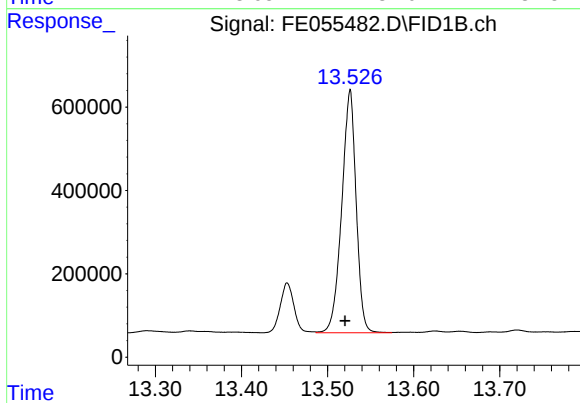
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 119118
Conc: 0.95 ug/ml



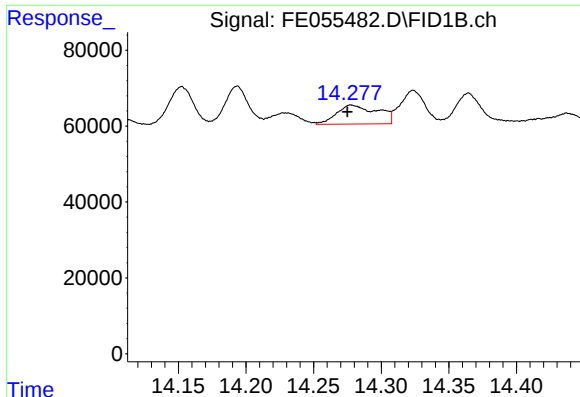
#11 n-Heneicosane (C21)

R.T.: 13.690 min
Delta R.T.: 0.004 min
Response: 20131
Conc: 0.16 ug/ml



#12 1-chlorooctadecane (SURR)

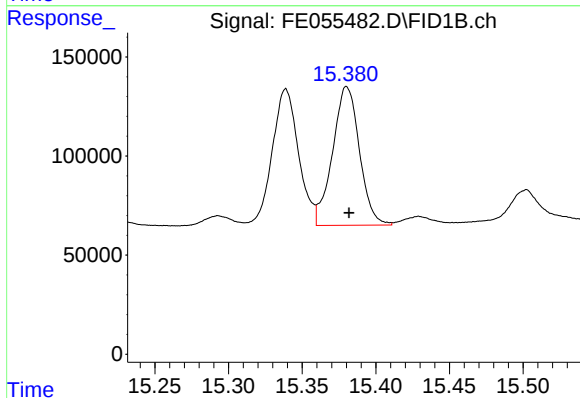
R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 6786891
Conc: 63.12 ug/ml



#13 n-Docosane (C22)

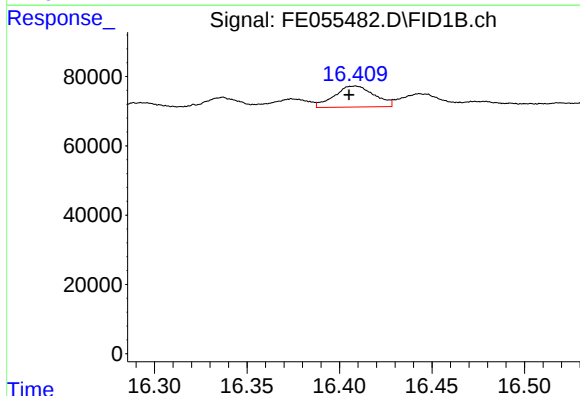
R.T.: 14.278 min
Delta R.T.: 0.004 min
Response: 106058
Conc: 0.87 ug/ml

Instrument :
FID_E
ClientSampleId :



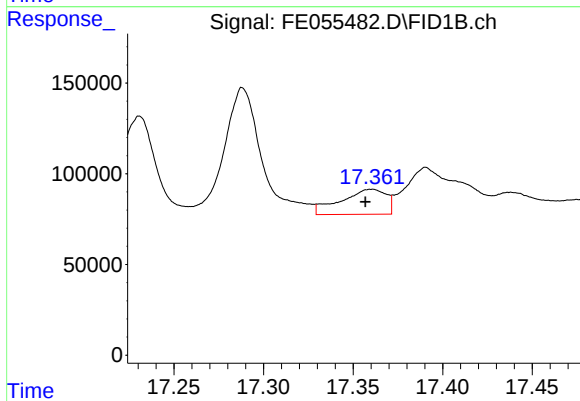
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: -0.001 min
Response: 889704
Conc: 7.31 ug/ml



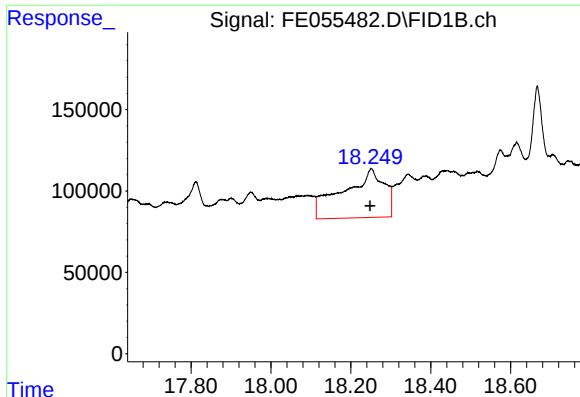
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 90700
Conc: 0.76 ug/ml



#16 n-Octacosane (C28)

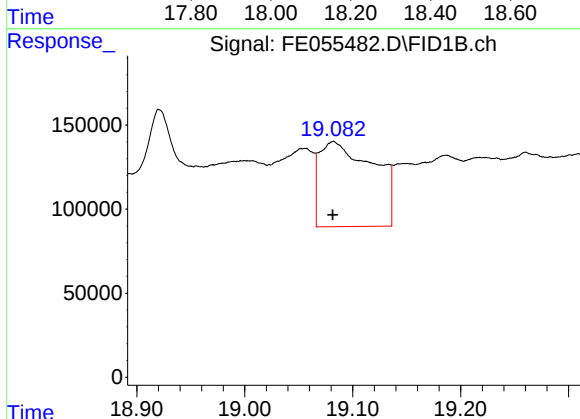
R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 243293
Conc: 2.05 ug/ml



#17 n-Tricontane (C30)

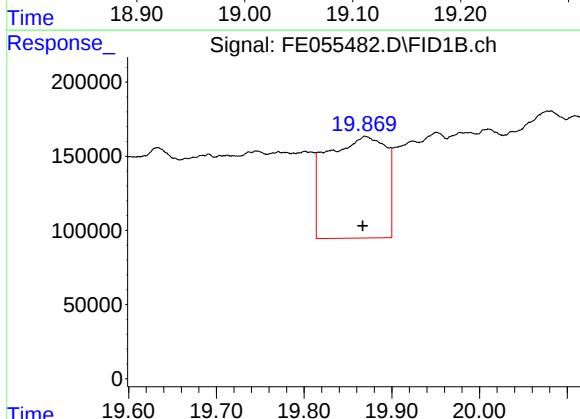
R.T.: 18.251 min
Delta R.T.: 0.003 min
Response: 2140585
Conc: 17.40 ug/ml

Instrument :
FID_E
ClientSampleId :



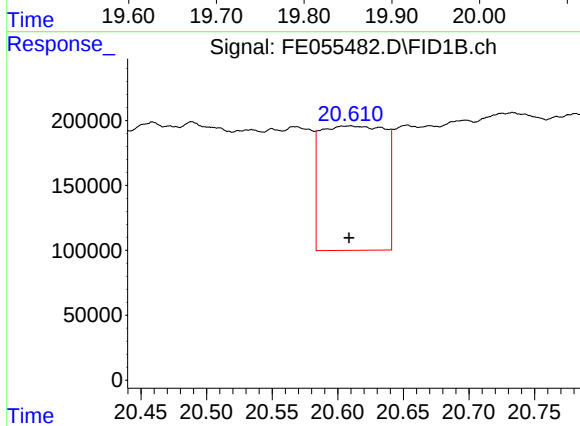
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 1761303
Conc: 14.44 ug/ml



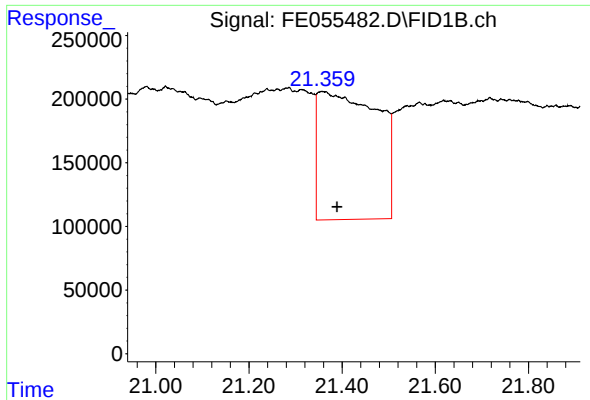
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.004 min
Response: 3214344
Conc: 27.49 ug/ml



#20 n-Hexatriacontane (C36)

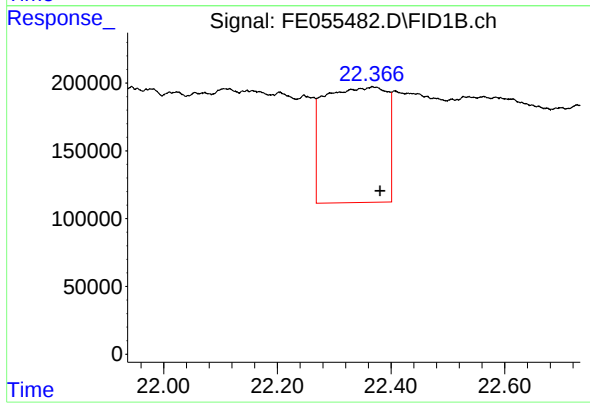
R.T.: 20.608 min
Delta R.T.: 0.000 min
Response: 3255266
Conc: 29.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.358 min
Delta R.T.: -0.032 min
Response: 8936525
Conc: 82.69 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: -0.012 min
Response: 6541410
Conc: 62.55 ug/ml