

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055360.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 17:05
 Operator : YP\AJ
 Sample : Q2871-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:27:16 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)	12.082	5125415	35.891 ug/ml
Spiked Amount 50.000		Recovery =	71.78%
12) S 1-chlorooctadecane (S...	13.519	4158207	38.672 ug/ml
Spiked Amount 50.000		Recovery =	77.34%
Target Compounds			
1) T n-Nonane (C9)	3.417	8426	0.073 ug/ml
2) T n-Decane (C10)	4.677	10760	0.092 ug/ml
3) T A~Naphthalene (C11.7)	6.399	22222	0.166 ug/ml
4) T n-Dodecane (C12)	6.853	9169	0.077 ug/ml
5) T A~2-methylnaphthalene...	7.503	2740	0.021 ug/ml
6) T n-Tetradecane (C14)	8.655	315189	2.571 ug/ml
7) T n-Hexadecane (C16)	10.304	17007	0.133 ug/ml
8) T n-Octadecane (C18)	11.755	17590	0.135 ug/ml
10) T n-Eicosane (C20)	13.068	18884	0.151 ug/ml
11) T n-Heneicosane (C21)	13.686	27639	0.224 ug/ml
13) T n-Docosane (C22)	14.272	28284	0.232 ug/ml
14) T n-Tetracosane (C24)	15.376	60969	0.501 ug/ml
15) T n-Hexacosane (C26)	16.402	65129	0.544 ug/ml
16) T n-Octacosane (C28)	17.355	218122	1.839 ug/ml
17) T n-Tricontane (C30)	18.244	1193748	9.701 ug/ml
18) T n-Dotriacontane (C32)	19.078	1189001	9.745 ug/ml
19) T n-Tetratriacontane (C34)	19.863	1204464	10.302 ug/ml
20) T n-Hexatriacontane (C36)	20.605	2555610	23.382 ug/ml
21) T n-Octatriacontane (C38)	21.384	2532221	23.431 ug/ml
22) T n-Tetracontane (C40)	22.376	1458701	13.949 ug/ml

(f)=RT Delta > 1/2 Window

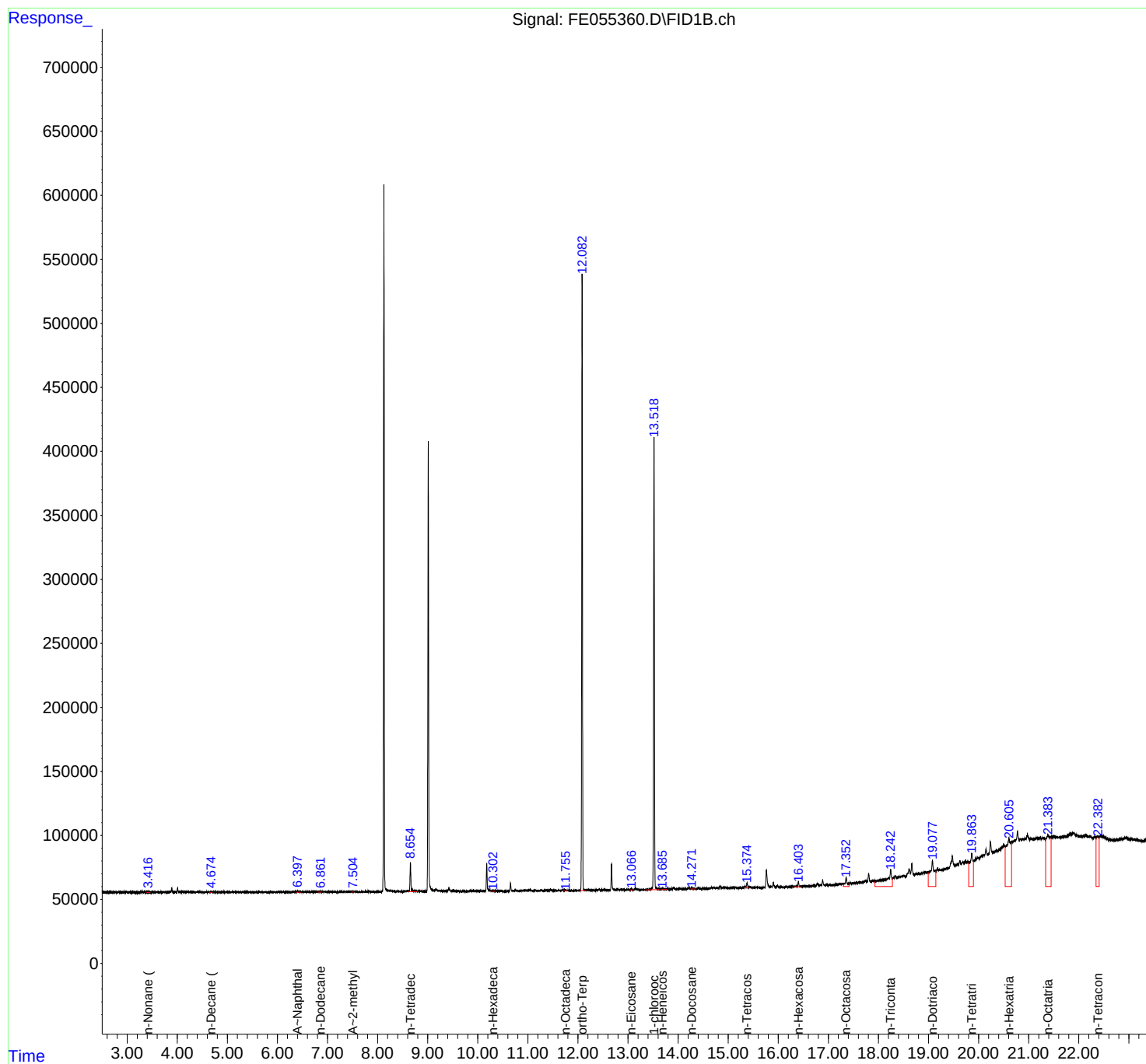
(m)=manual int.

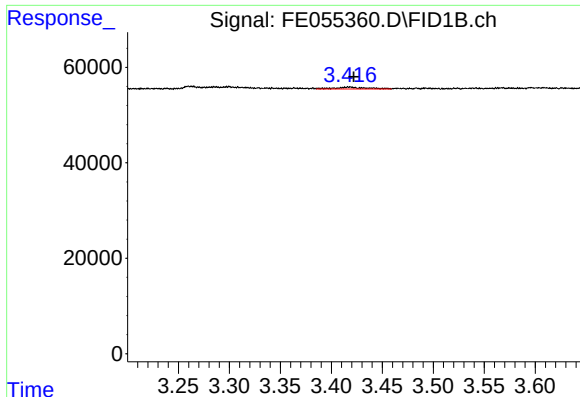
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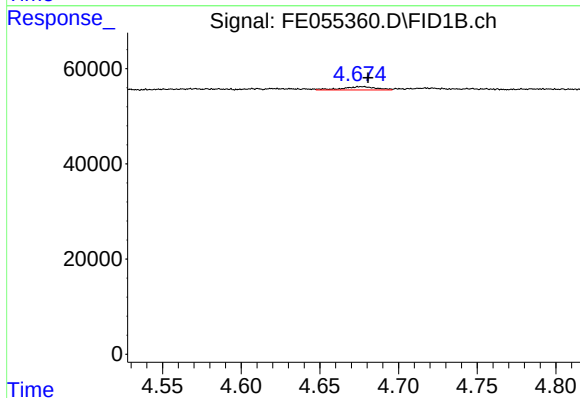




#1 n-Nonane (C9)

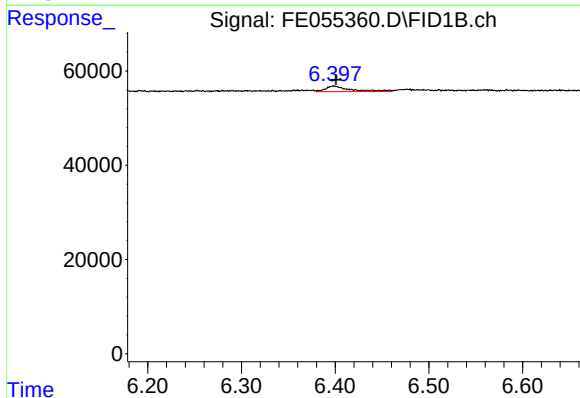
R.T.: 3.417 min
Delta R.T.: -0.005 min
Response: 8426
Conc: 0.07 ug/ml

Instrument :
FID_E
ClientSampleId :



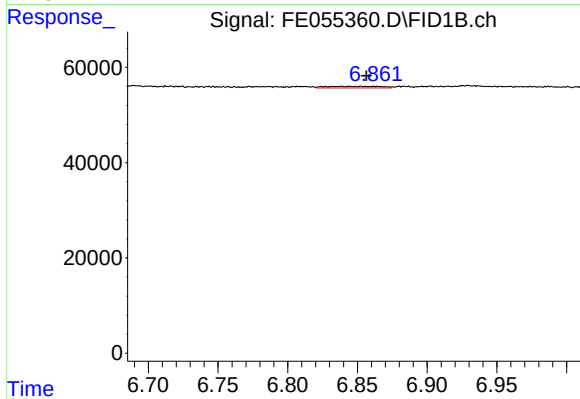
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.004 min
Response: 10760
Conc: 0.09 ug/ml



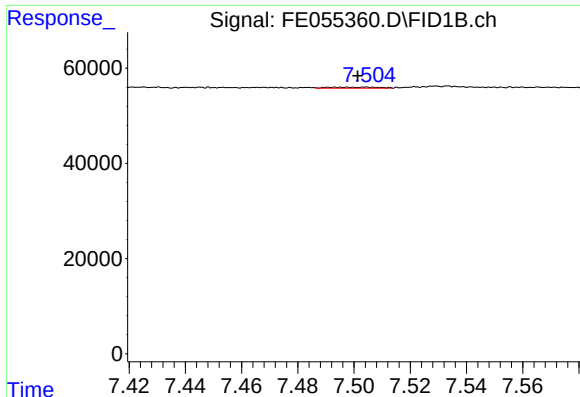
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 22222
Conc: 0.17 ug/ml



#4 n-Dodecane (C12)

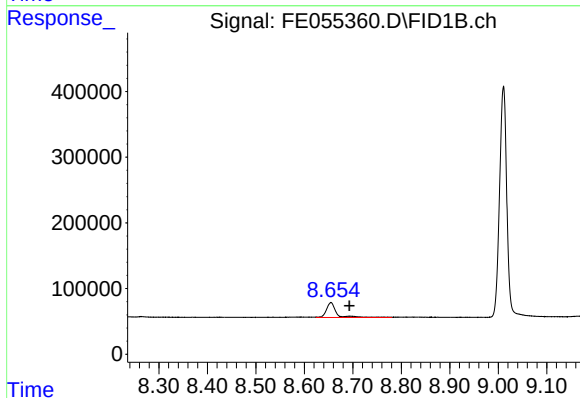
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 9169
Conc: 0.08 ug/ml



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

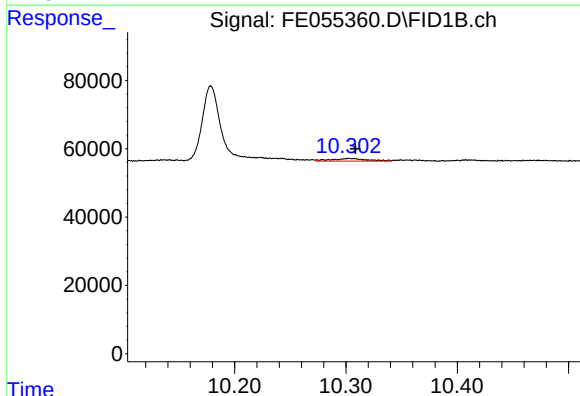
R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 2740
Conc: 0.02 ug/ml

Instrument :
FID_E
ClientSampleId :



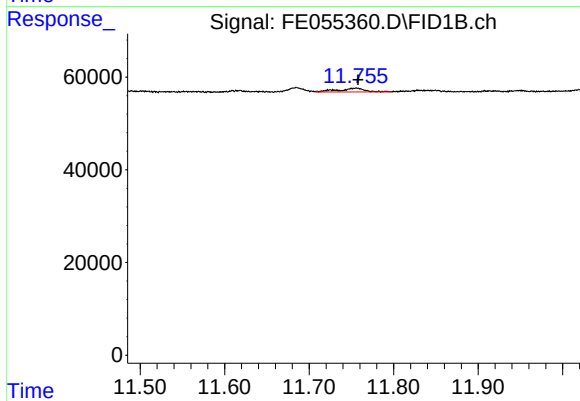
#6 n-Tetradecane (C14)

R.T.: 8.655 min
Delta R.T.: -0.039 min
Response: 315189
Conc: 2.57 ug/ml



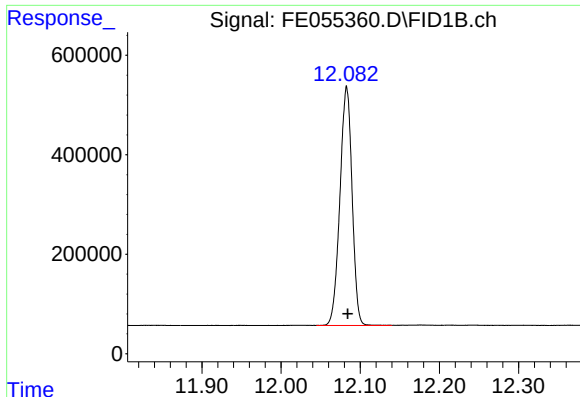
#7 n-Hexadecane (C16)

R.T.: 10.304 min
Delta R.T.: -0.005 min
Response: 17007
Conc: 0.13 ug/ml



#8 n-Octadecane (C18)

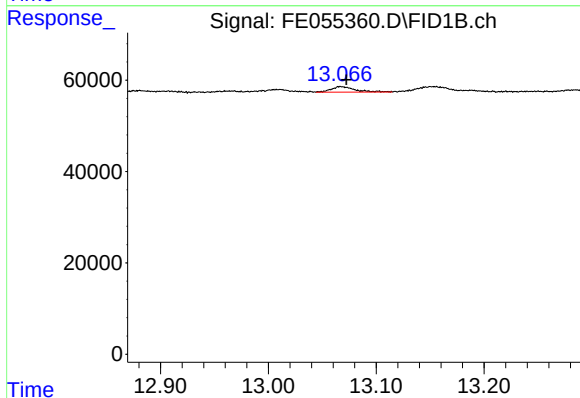
R.T.: 11.755 min
Delta R.T.: -0.003 min
Response: 17590
Conc: 0.13 ug/ml



#9 ortho-Terphenyl (SURR)

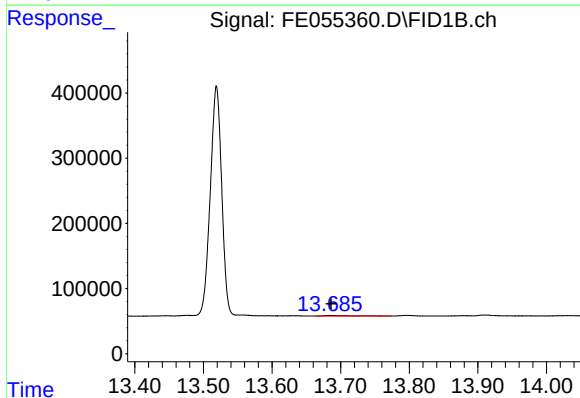
R.T.: 12.082 min
Delta R.T.: -0.002 min
Response: 5125415
Conc: 35.89 ug/ml

Instrument :
FID_E
ClientSampleId :



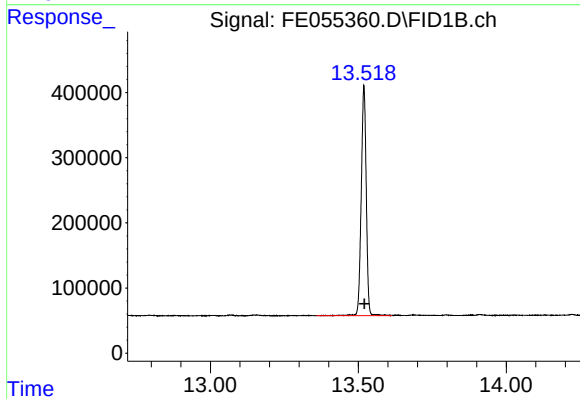
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 18884
Conc: 0.15 ug/ml



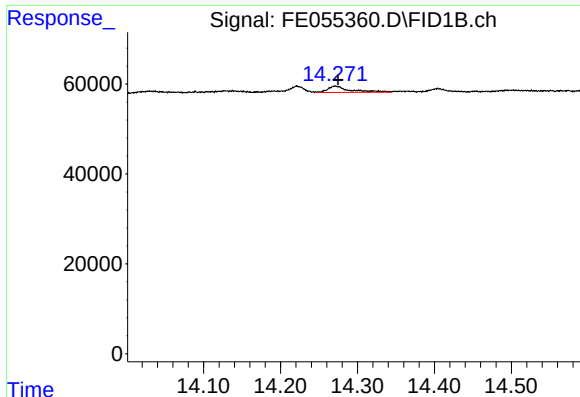
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 27639
Conc: 0.22 ug/ml



#12 1-chlorooctadecane (SURR)

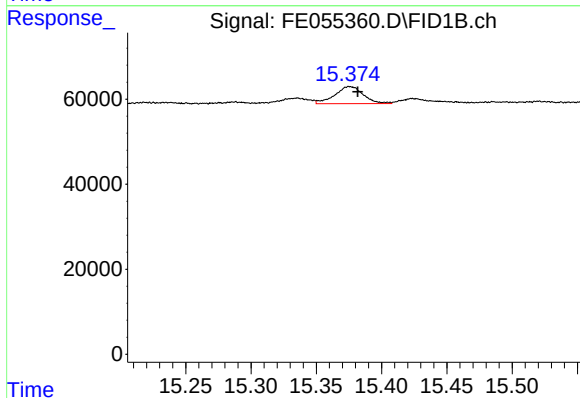
R.T.: 13.519 min
Delta R.T.: -0.002 min
Response: 4158207
Conc: 38.67 ug/ml



#13 n-Docosane (C22)

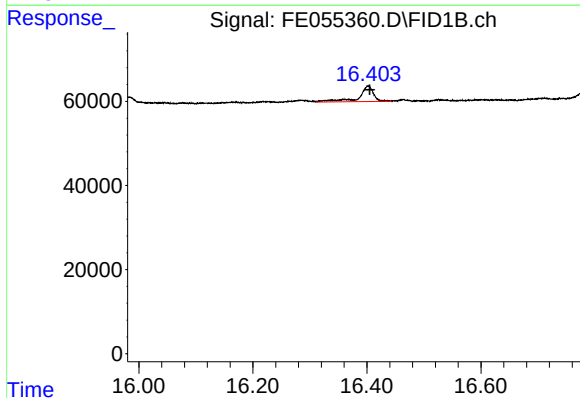
R.T.: 14.272 min
Delta R.T.: -0.003 min
Response: 28284
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :



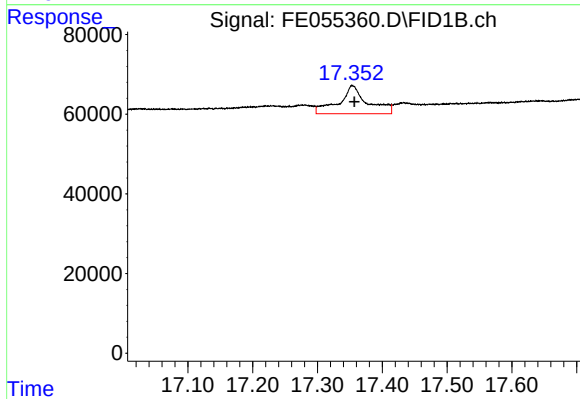
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.006 min
Response: 60969
Conc: 0.50 ug/ml



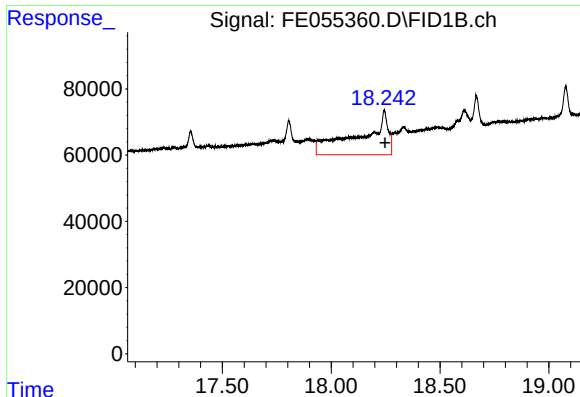
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 65129
Conc: 0.54 ug/ml



#16 n-Octacosane (C28)

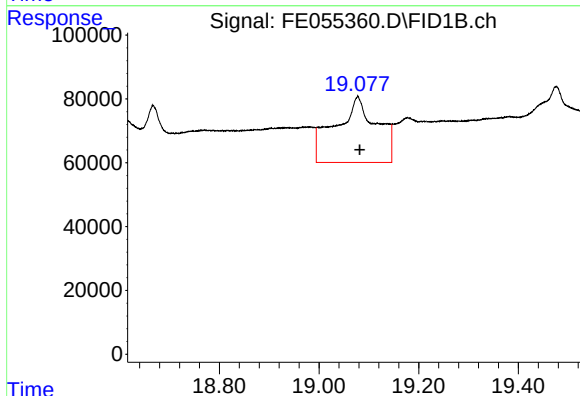
R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 218122
Conc: 1.84 ug/ml



#17 n-Tricontane (C30)

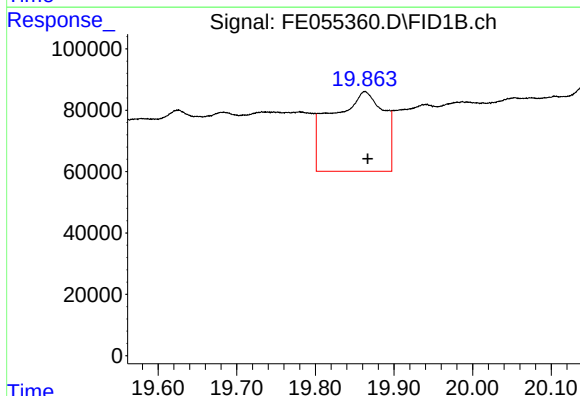
R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 1193748
Conc: 9.70 ug/ml

Instrument :
FID_E
ClientSampleId :



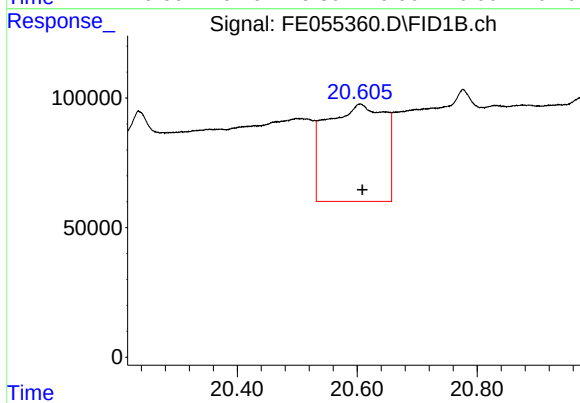
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.004 min
Response: 1189001
Conc: 9.75 ug/ml



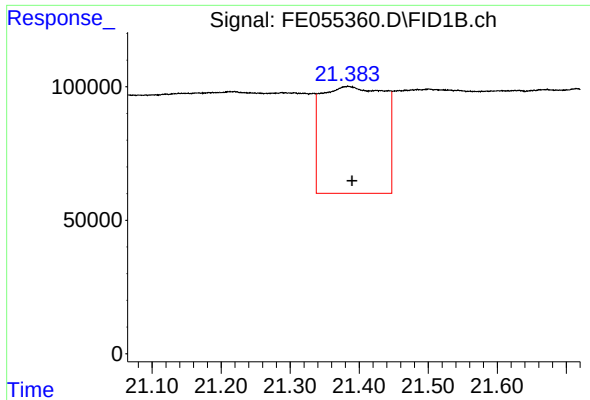
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 1204464
Conc: 10.30 ug/ml



#20 n-Hexatriacontane (C36)

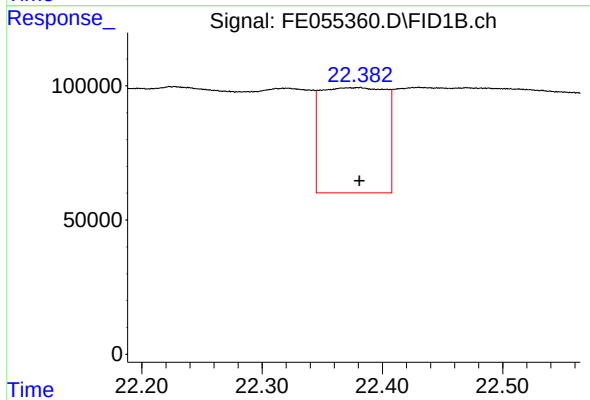
R.T.: 20.605 min
Delta R.T.: -0.003 min
Response: 2555610
Conc: 23.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.006 min
Response: 2532221
Conc: 23.43 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: -0.004 min
Response: 1458701
Conc: 13.95 ug/ml