

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055371.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 22:39
 Operator : YP\AJ
 Sample : Q2873-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:31:40 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)	12.081	6009540	42.082 ug/ml
Spiked Amount 50.000		Recovery =	84.16%
12) S 1-chlorooctadecane (S...	13.517	4771608	44.377 ug/ml
Spiked Amount 50.000		Recovery =	88.75%
Target Compounds			
1) T n-Nonane (C9)	3.416	16848	0.147 ug/ml
2) T n-Decane (C10)	4.675	12875	0.111 ug/ml
3) T A~Naphthalene (C11.7)	6.397	21265	0.158 ug/ml
4) T n-Dodecane (C12)	6.850	13298	0.112 ug/ml
5) T A~2-methylnaphthalene...	7.495	6158	0.047 ug/ml
6) T n-Tetradecane (C14)	8.692	36889	0.301 ug/ml
7) T n-Hexadecane (C16)	10.301	24030	0.188 ug/ml
8) T n-Octadecane (C18)	11.753	15706	0.120 ug/ml
10) T n-Eicosane (C20)	13.067	19766	0.158 ug/ml
11) T n-Heneicosane (C21)	13.684	18242	0.148 ug/ml
13) T n-Docosane (C22)	14.270	17569	0.144 ug/ml
14) T n-Tetracosane (C24)	15.373	40517	0.333 ug/ml
15) T n-Hexacosane (C26)	16.400	27282	0.228 ug/ml
16) T n-Octacosane (C28)	17.352	132397	1.116 ug/ml
17) T n-Tricontane (C30)	18.242	255625	2.077 ug/ml
18) T n-Dotriacontane (C32)	19.075	1125057	9.221 ug/ml
19) T n-Tetratriacontane (C34)	19.861	720685	6.164 ug/ml
20) T n-Hexatriacontane (C36)	20.602	1248152	11.420 ug/ml
21) T n-Octatriacontane (C38)	21.380	2571221	23.792 ug/ml
22) T n-Tetracontane (C40)	22.369	1785368	17.073 ug/ml

(f)=RT Delta > 1/2 Window

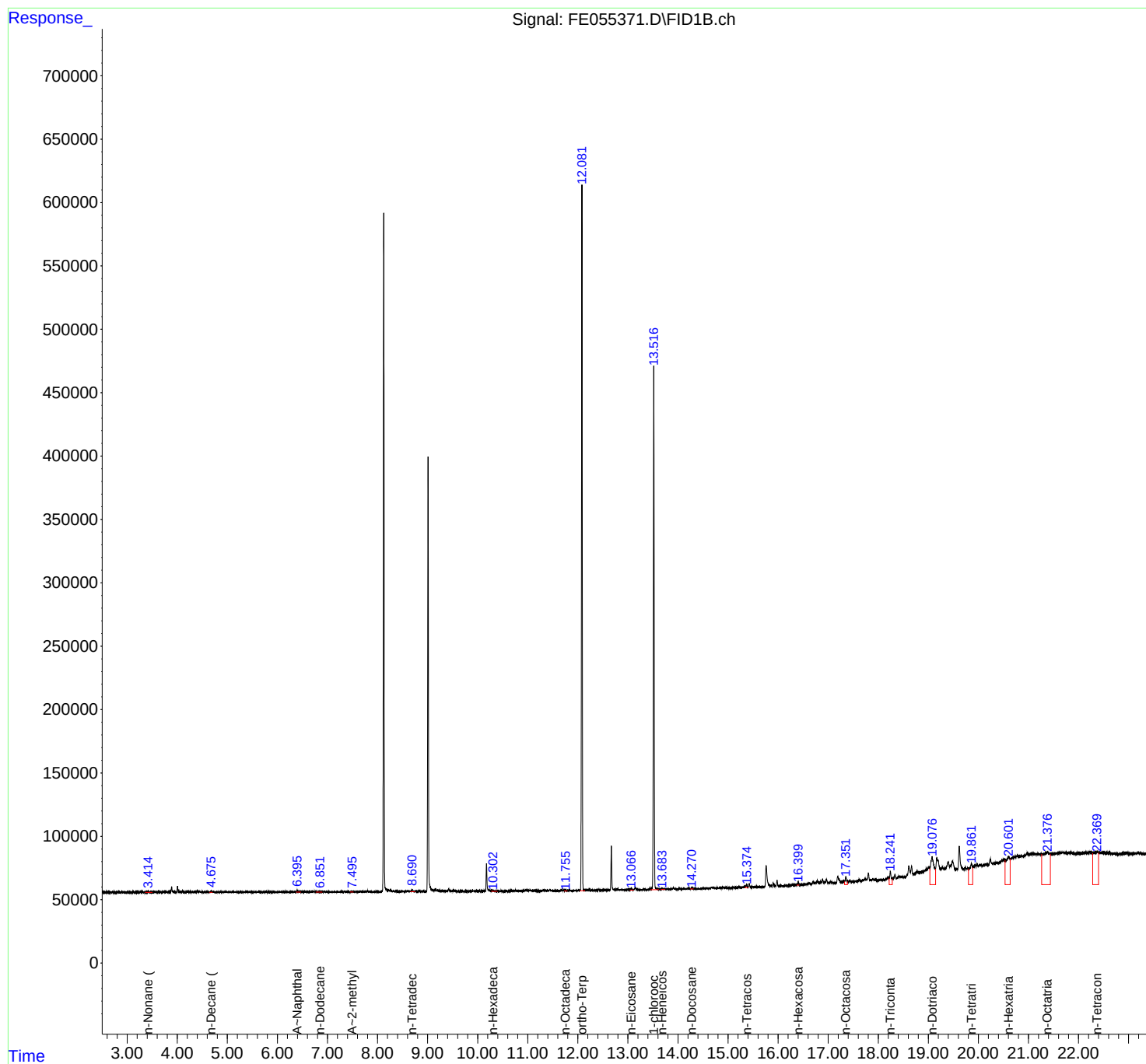
(m)=manual int.

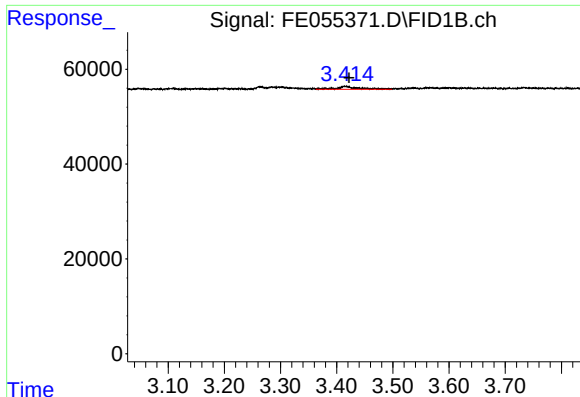
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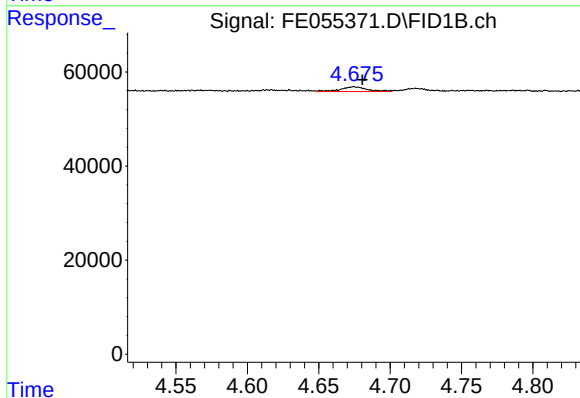




#1 n-Nonane (C9)

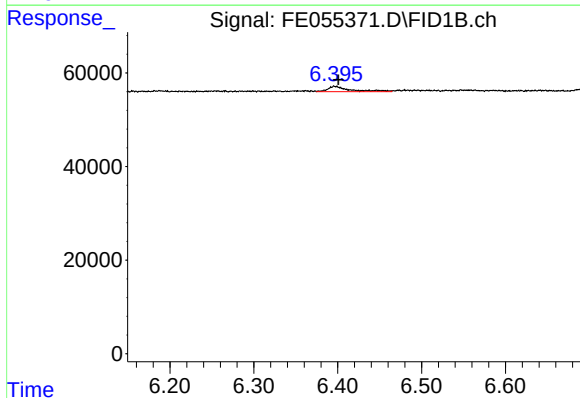
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 16848
Conc: 0.15 ug/ml

Instrument :
FID_E
ClientSampleId :



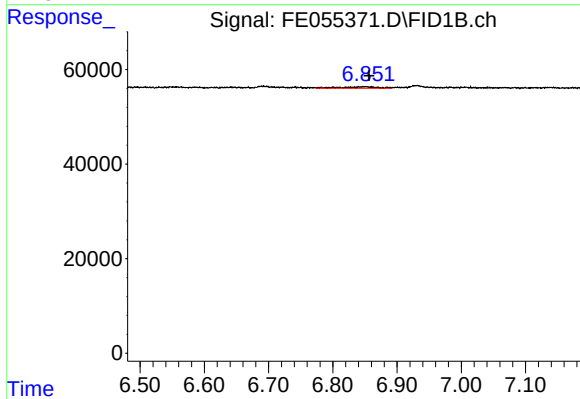
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: -0.006 min
Response: 12875
Conc: 0.11 ug/ml



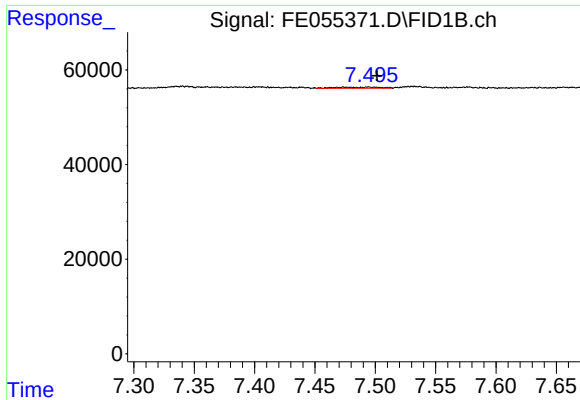
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.004 min
Response: 21265
Conc: 0.16 ug/ml



#4 n-Dodecane (C12)

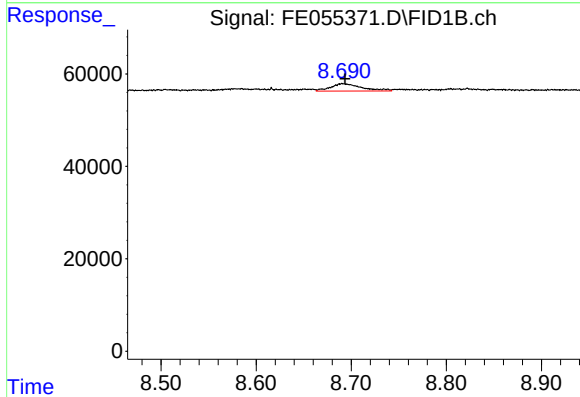
R.T.: 6.850 min
Delta R.T.: -0.006 min
Response: 13298
Conc: 0.11 ug/ml



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

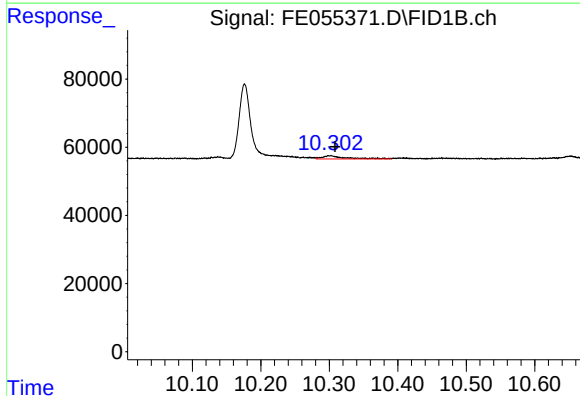
R.T.: 7.495 min
Delta R.T.: -0.006 min
Response: 6158
Conc: 0.05 ug/ml

Instrument :
FID_E
ClientSampleId :



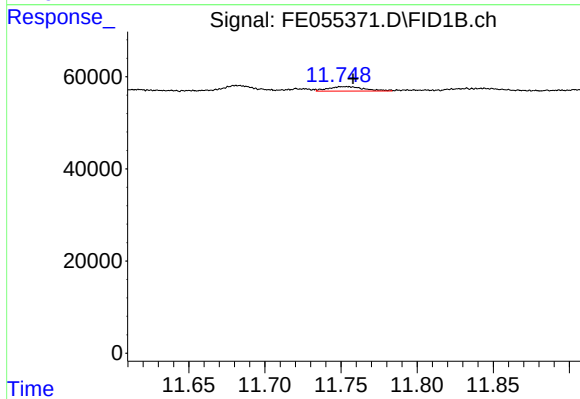
#6 n-Tetradecane (C14)

R.T.: 8.692 min
Delta R.T.: -0.002 min
Response: 36889
Conc: 0.30 ug/ml



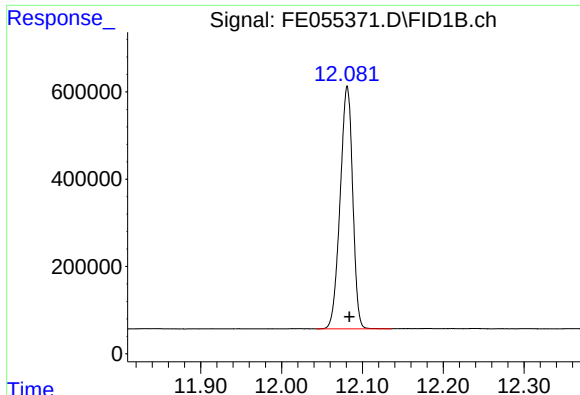
#7 n-Hexadecane (C16)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 24030
Conc: 0.19 ug/ml



#8 n-Octadecane (C18)

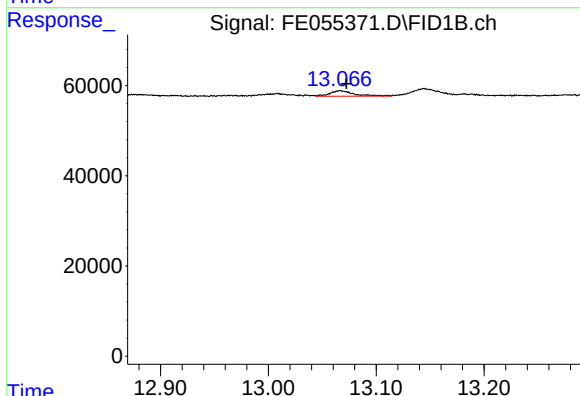
R.T.: 11.753 min
Delta R.T.: -0.005 min
Response: 15706
Conc: 0.12 ug/ml



#9 ortho-Terphenyl (SURR)

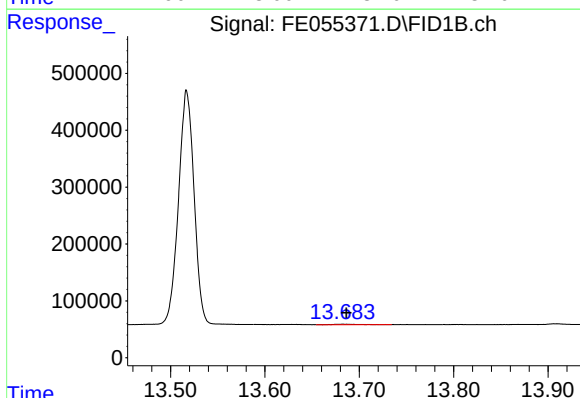
R.T.: 12.081 min
Delta R.T.: -0.003 min
Response: 6009540
Conc: 42.08 ug/ml

Instrument :
FID_E
ClientSampleId :



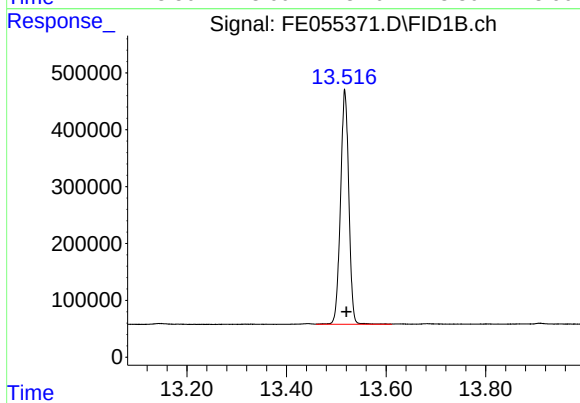
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.005 min
Response: 19766
Conc: 0.16 ug/ml



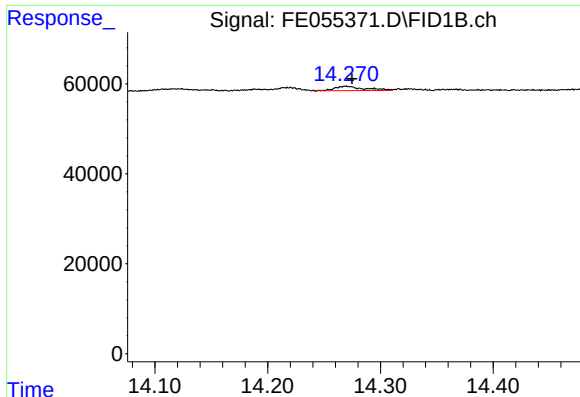
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 18242
Conc: 0.15 ug/ml



#12 1-chlorooctadecane (SURR)

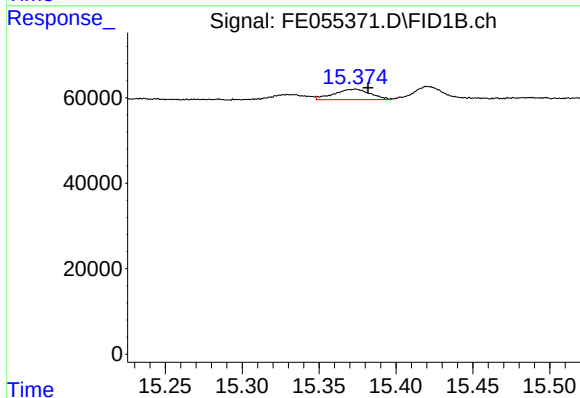
R.T.: 13.517 min
Delta R.T.: -0.003 min
Response: 4771608
Conc: 44.38 ug/ml



#13 n-Docosane (C22)

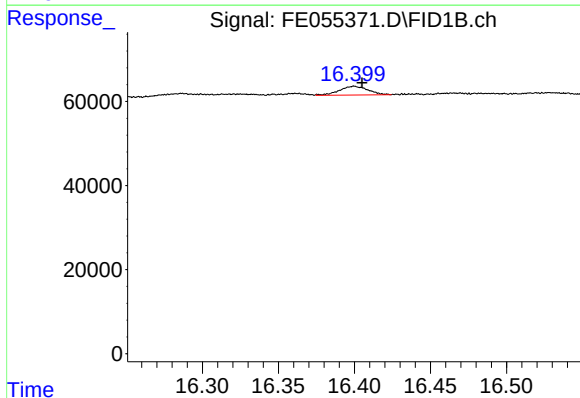
R.T.: 14.270 min
Delta R.T.: -0.005 min
Response: 17569
Conc: 0.14 ug/ml

Instrument :
FID_E
ClientSampleId :



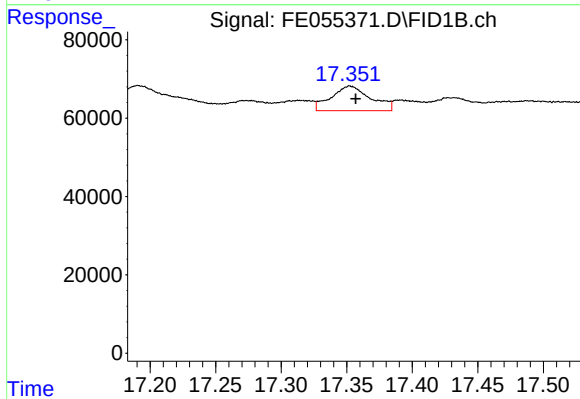
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.009 min
Response: 40517
Conc: 0.33 ug/ml



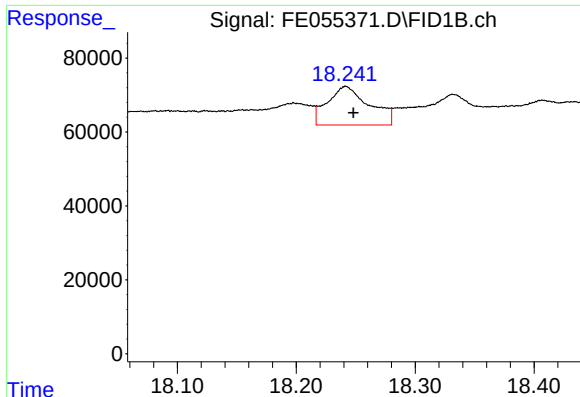
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: -0.005 min
Response: 27282
Conc: 0.23 ug/ml



#16 n-Octacosane (C28)

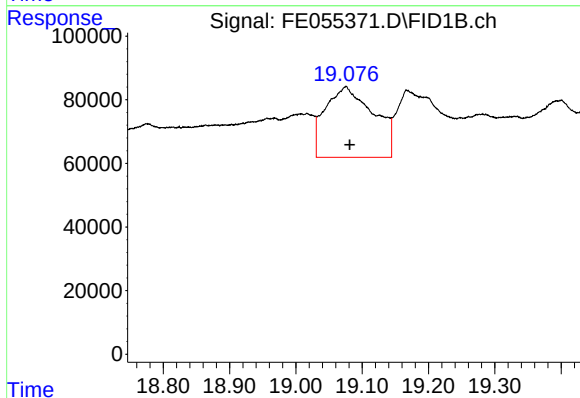
R.T.: 17.352 min
Delta R.T.: -0.005 min
Response: 132397
Conc: 1.12 ug/ml



#17 n-Tricontane (C30)

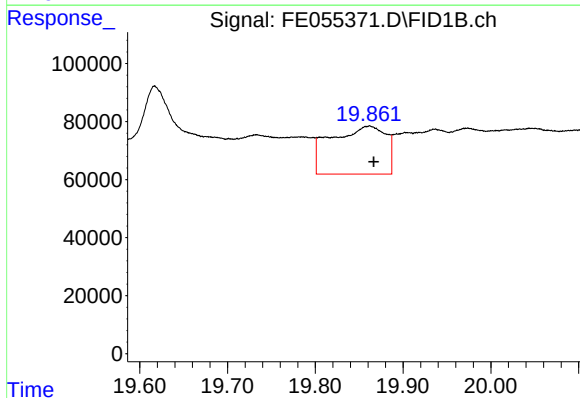
R.T.: 18.242 min
Delta R.T.: -0.006 min
Response: 255625
Conc: 2.08 ug/ml

Instrument :
FID_E
ClientSampleId :



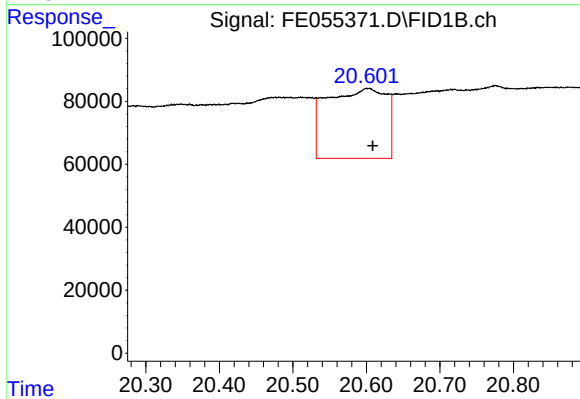
#18 n-Dotriacontane (C32)

R.T.: 19.075 min
Delta R.T.: -0.006 min
Response: 1125057
Conc: 9.22 ug/ml



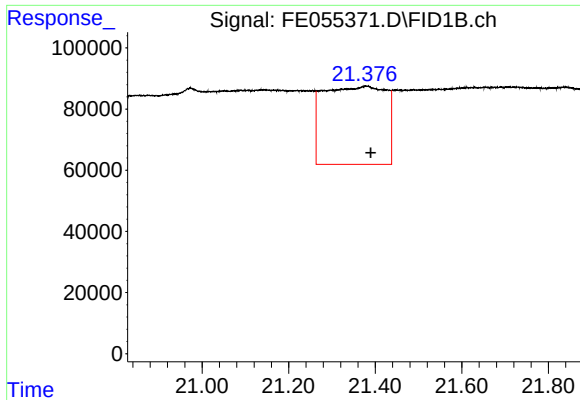
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 720685
Conc: 6.16 ug/ml



#20 n-Hexatriacontane (C36)

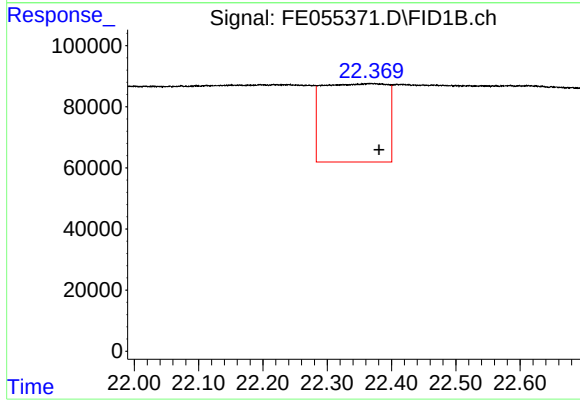
R.T.: 20.602 min
Delta R.T.: -0.006 min
Response: 1248152
Conc: 11.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: -0.010 min
Response: 2571221
Conc: 23.79 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.369 min
Delta R.T.: -0.012 min
Response: 1785368
Conc: 17.07 ug/ml