

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055372.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 23:09
 Operator : YP\AJ
 Sample : Q2873-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:32:02 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	5791140	40.553 ug/ml
Spiked Amount 50.000		Recovery =	81.11%
12) S 1-chlorooctadecane (S...	13.518	4650503	43.251 ug/ml
Spiked Amount 50.000		Recovery =	86.50%
Target Compounds			
1) T n-Nonane (C9)	3.416	13803	0.120 ug/ml
2) T n-Decane (C10)	4.675	17248	0.148 ug/ml
3) T A~Naphthalene (C11.7)	6.397	17081	0.127 ug/ml
4) T n-Dodecane (C12)	6.851	17547	0.147 ug/ml
5) T A~2-methylnaphthalene...	7.473	11429	0.088 ug/ml
6) T n-Tetradecane (C14)	8.691	46020	0.375 ug/ml
7) T n-Hexadecane (C16)	10.303	18792	0.147 ug/ml
8) T n-Octadecane (C18)	11.753	20671	0.158 ug/ml
10) T n-Eicosane (C20)	13.067	20796	0.166 ug/ml
11) T n-Heneicosane (C21)	13.683	16983	0.138 ug/ml
13) T n-Docosane (C22)	14.270	19947	0.163 ug/ml
14) T n-Tetracosane (C24)	15.373	41340	0.340 ug/ml
15) T n-Hexacosane (C26)	16.400	34017	0.284 ug/ml
16) T n-Octacosane (C28)	17.352	165849	1.398 ug/ml
17) T n-Tricontane (C30)	18.242	246643	2.004 ug/ml
18) T n-Dotriacontane (C32)	19.074	1057141	8.664 ug/ml
19) T n-Tetratriacontane (C34)	19.861	509718	4.360 ug/ml
20) T n-Hexatriacontane (C36)	20.603	1115044	10.202 ug/ml
21) T n-Octatriacontane (C38)	21.383	3120973	28.879 ug/ml
22) T n-Tetracontane (C40)	22.380	2603662	24.898 ug/ml

(f)=RT Delta > 1/2 Window

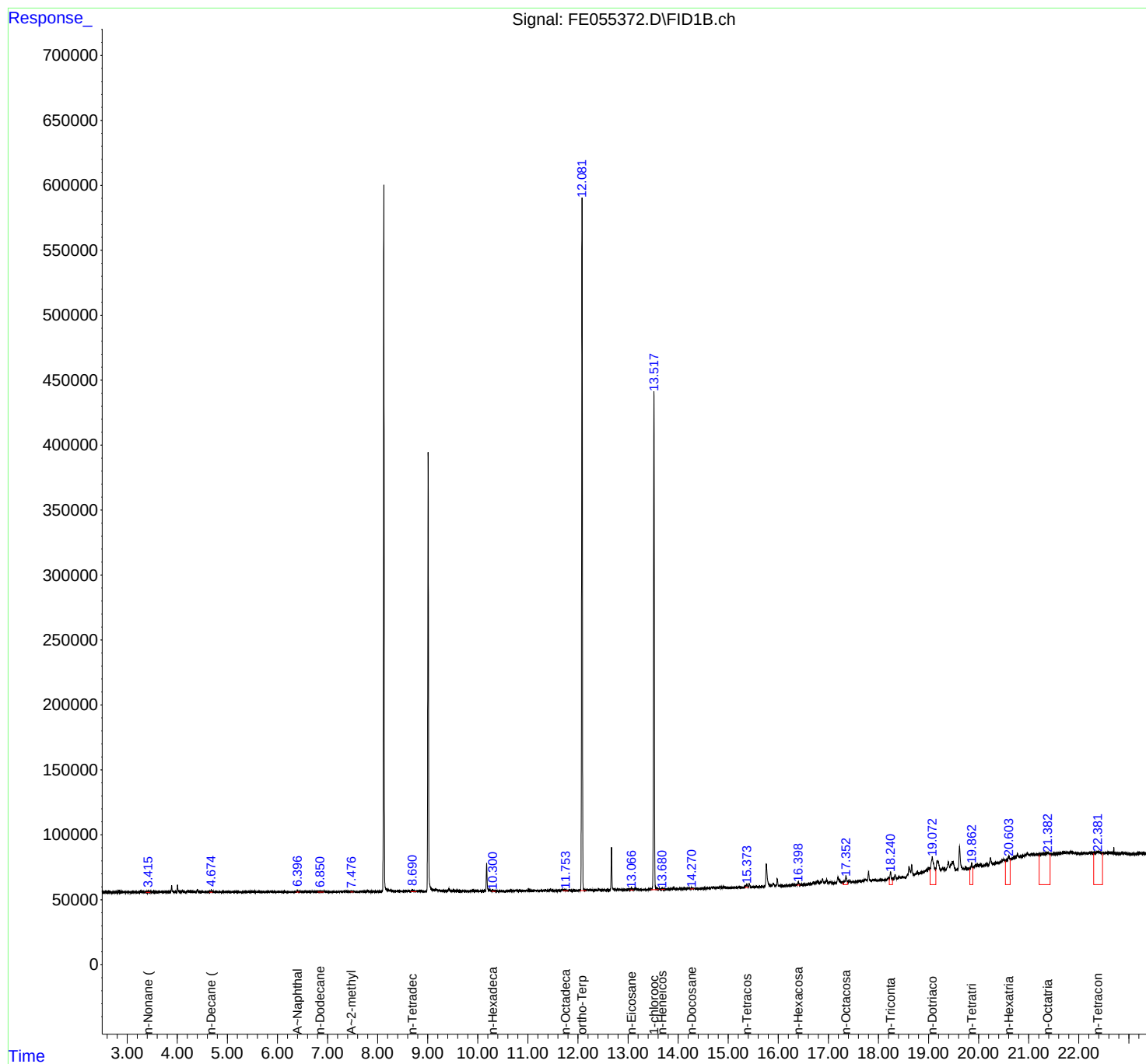
(m)=manual int.

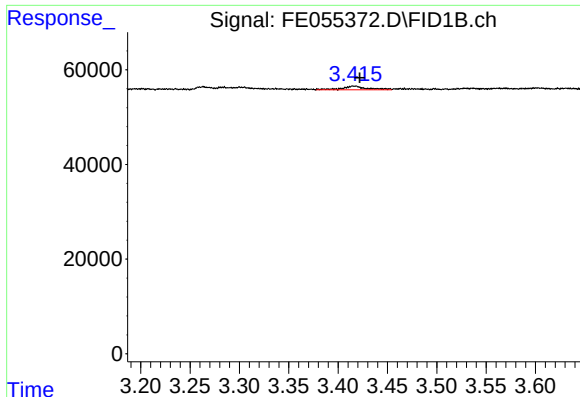
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
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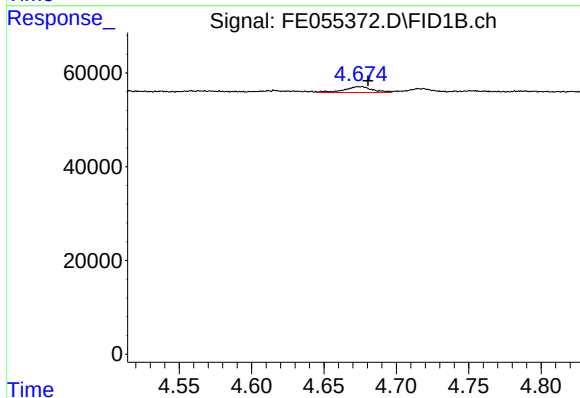




#1 n-Nonane (C9)

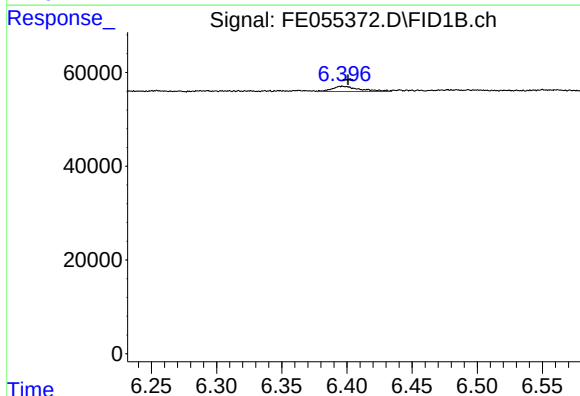
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 13803
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :



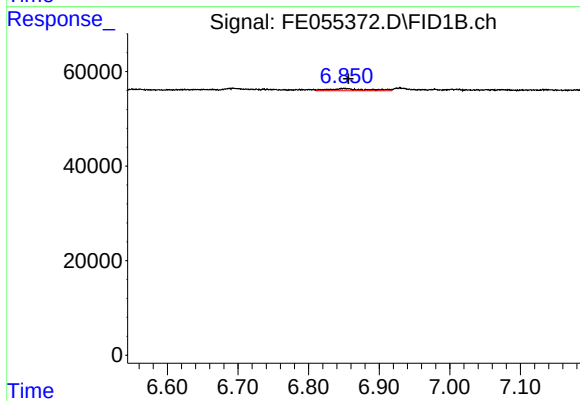
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: -0.006 min
Response: 17248
Conc: 0.15 ug/ml



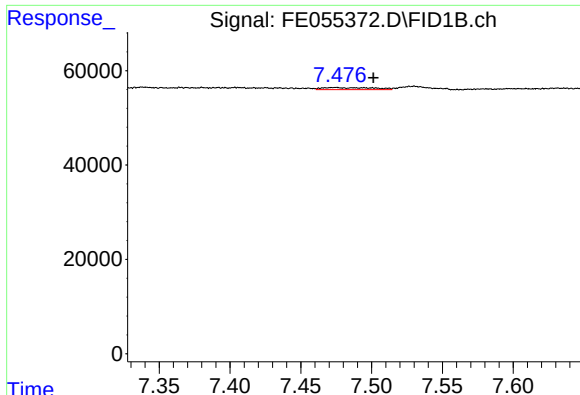
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.003 min
Response: 17081
Conc: 0.13 ug/ml



#4 n-Dodecane (C12)

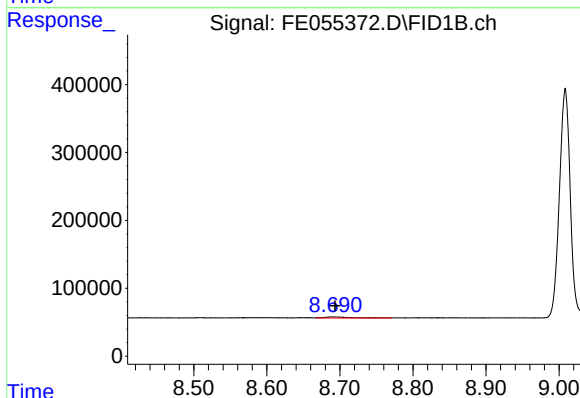
R.T.: 6.851 min
Delta R.T.: -0.005 min
Response: 17547
Conc: 0.15 ug/ml



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

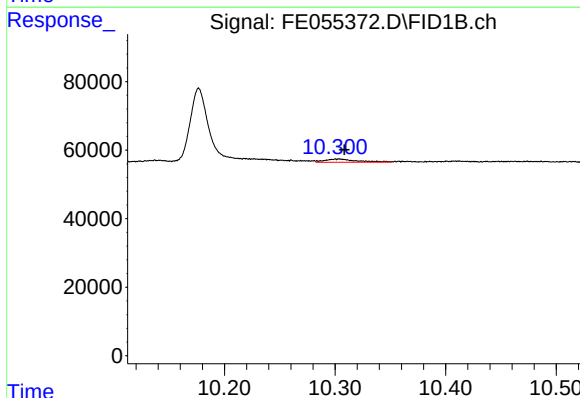
R.T.: 7.473 min
Delta R.T.: -0.028 min
Response: 11429
Conc: 0.09 ug/ml

Instrument :
FID_E
ClientSampleId :



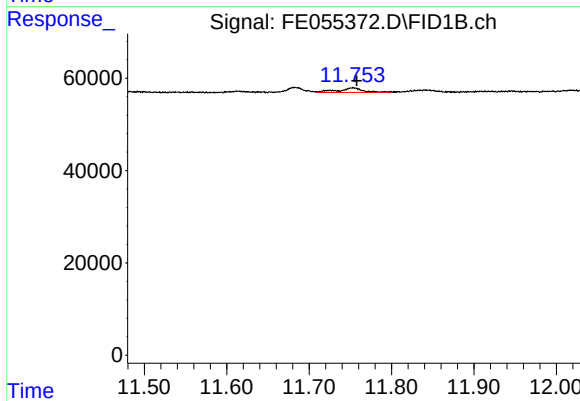
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 46020
Conc: 0.38 ug/ml



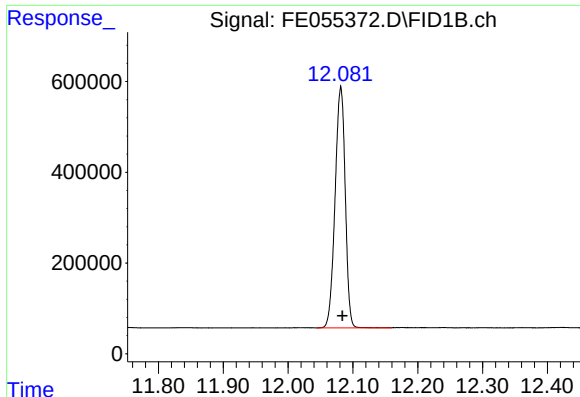
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 18792
Conc: 0.15 ug/ml



#8 n-Octadecane (C18)

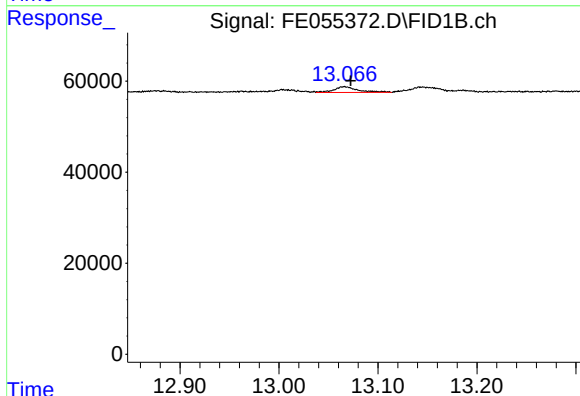
R.T.: 11.753 min
Delta R.T.: -0.004 min
Response: 20671
Conc: 0.16 ug/ml



#9 ortho-Terphenyl (SURR)

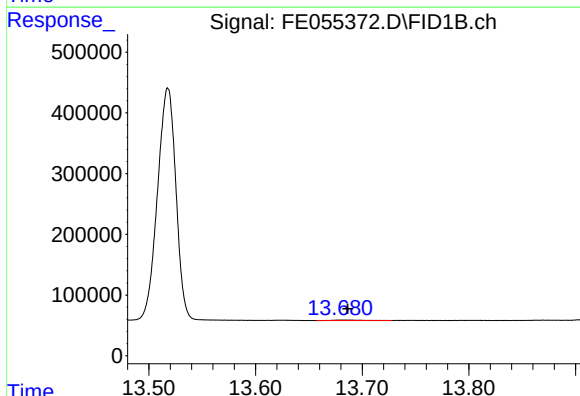
R.T.: 12.081 min
Delta R.T.: -0.003 min
Response: 5791140
Conc: 40.55 ug/ml

Instrument :
FID_E
ClientSampleId :



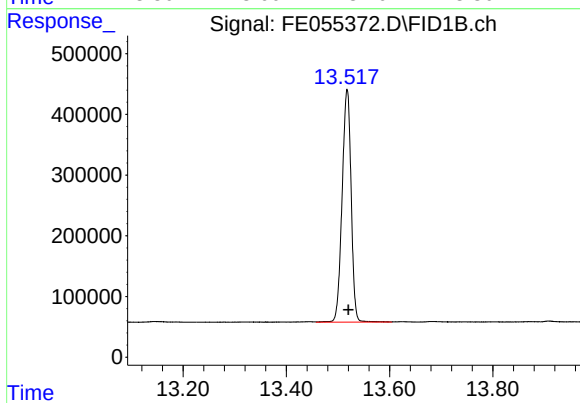
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.006 min
Response: 20796
Conc: 0.17 ug/ml



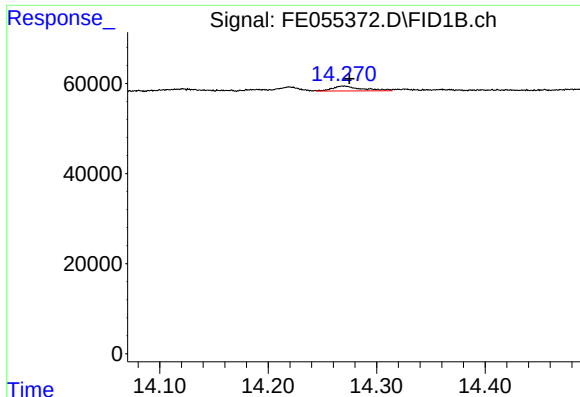
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: -0.004 min
Response: 16983
Conc: 0.14 ug/ml



#12 1-chlorooctadecane (SURR)

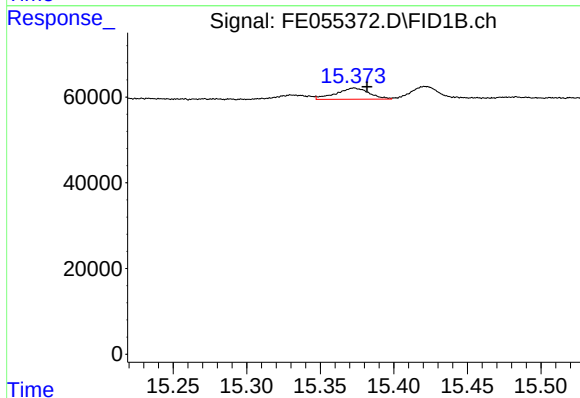
R.T.: 13.518 min
Delta R.T.: -0.003 min
Response: 4650503
Conc: 43.25 ug/ml



#13 n-Docosane (C22)

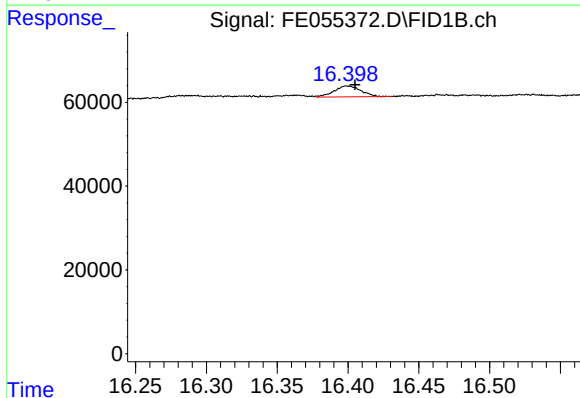
R.T.: 14.270 min
Delta R.T.: -0.005 min
Response: 19947
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :



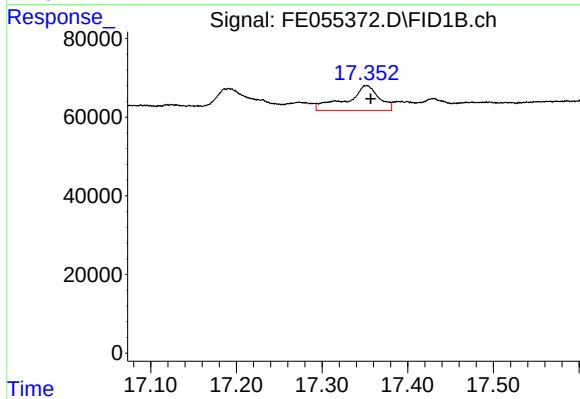
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.008 min
Response: 41340
Conc: 0.34 ug/ml



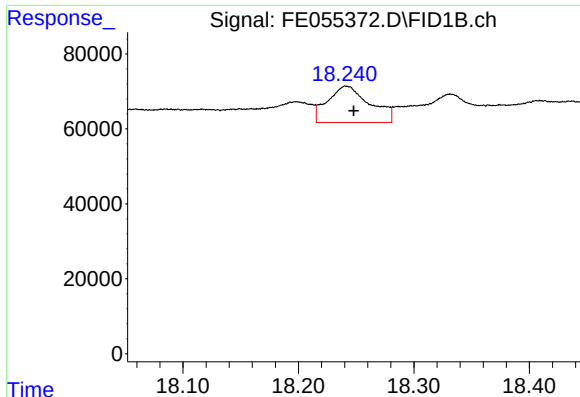
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: -0.005 min
Response: 34017
Conc: 0.28 ug/ml



#16 n-Octacosane (C28)

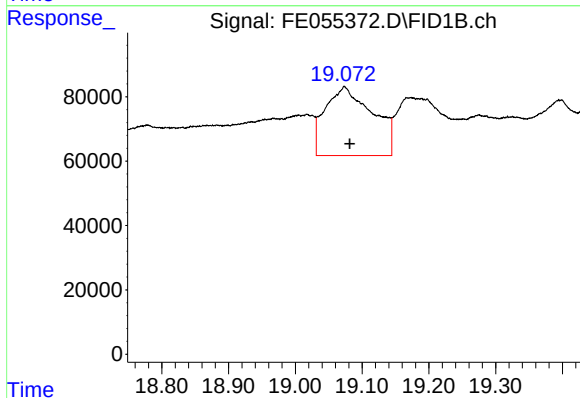
R.T.: 17.352 min
Delta R.T.: -0.005 min
Response: 165849
Conc: 1.40 ug/ml



#17 n-Tricontane (C30)

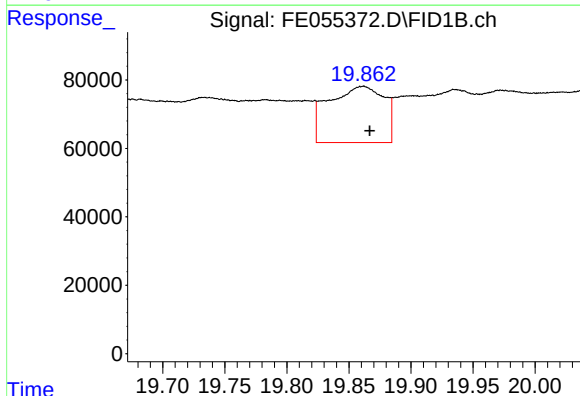
R.T.: 18.242 min
Delta R.T.: -0.006 min
Response: 246643
Conc: 2.00 ug/ml

Instrument :
FID_E
ClientSampleId :



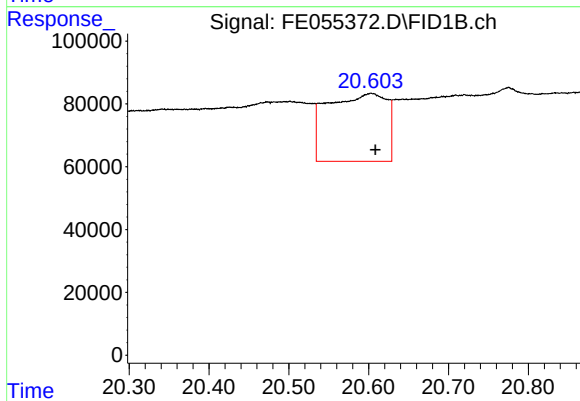
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: -0.008 min
Response: 1057141
Conc: 8.66 ug/ml



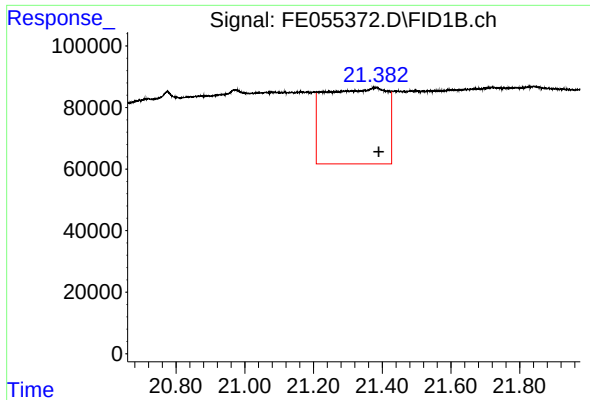
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 509718
Conc: 4.36 ug/ml



#20 n-Hexatriacontane (C36)

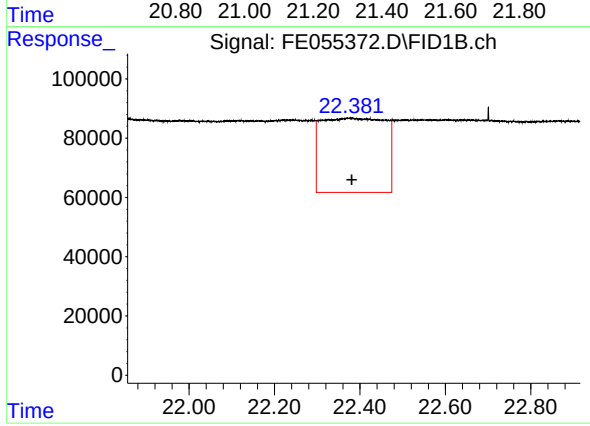
R.T.: 20.603 min
Delta R.T.: -0.005 min
Response: 1115044
Conc: 10.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: -0.007 min
Response: 3120973
Conc: 28.88 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: 0.000 min
Response: 2603662
Conc: 24.90 ug/ml