

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055368.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 21:08
 Operator : YP\AJ
 Sample : Q2873-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:30:31 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)	12.083	6158547	43.126 ug/ml
Spiked Amount 50.000		Recovery =	86.25%
12) S 1-chlorooctadecane (S...	13.519	4916205	45.722 ug/ml
Spiked Amount 50.000		Recovery =	91.44%
Target Compounds			
1) T n-Nonane (C9)	3.419	5988	0.052 ug/ml
2) T n-Decane (C10)	4.676	10315	0.089 ug/ml
3) T A~Naphthalene (C11.7)	6.398	16600	0.124 ug/ml
4) T n-Dodecane (C12)	6.853	13198	0.111 ug/ml
5) T A~2-methylnaphthalene...	7.494	5467	0.042 ug/ml
6) T n-Tetradecane (C14)	8.693	42301	0.345 ug/ml
7) T n-Hexadecane (C16)	10.304	19928	0.156 ug/ml
8) T n-Octadecane (C18)	11.754	18660	0.143 ug/ml
10) T n-Eicosane (C20)	13.068	22057	0.176 ug/ml
11) T n-Heneicosane (C21)	13.685	18368	0.149 ug/ml
13) T n-Docosane (C22)	14.270	29146	0.239 ug/ml
14) T n-Tetracosane (C24)	15.372	54442	0.448 ug/ml
15) T n-Hexacosane (C26)	16.400	26588	0.222 ug/ml
16) T n-Octacosane (C28)	17.353	185825	1.567 ug/ml
17) T n-Tricontane (C30)	18.242	269697	2.192 ug/ml
18) T n-Dotriacontane (C32)	19.075	1260782	10.333 ug/ml
19) T n-Tetratriacontane (C34)	19.862	574233	4.911 ug/ml
20) T n-Hexatriacontane (C36)	20.605	1129721	10.336 ug/ml
21) T n-Octatriacontane (C38)	21.382	3276583	30.319 ug/ml
22) T n-Tetracontane (C40)	22.373	1259877	12.048 ug/ml

(f)=RT Delta > 1/2 Window

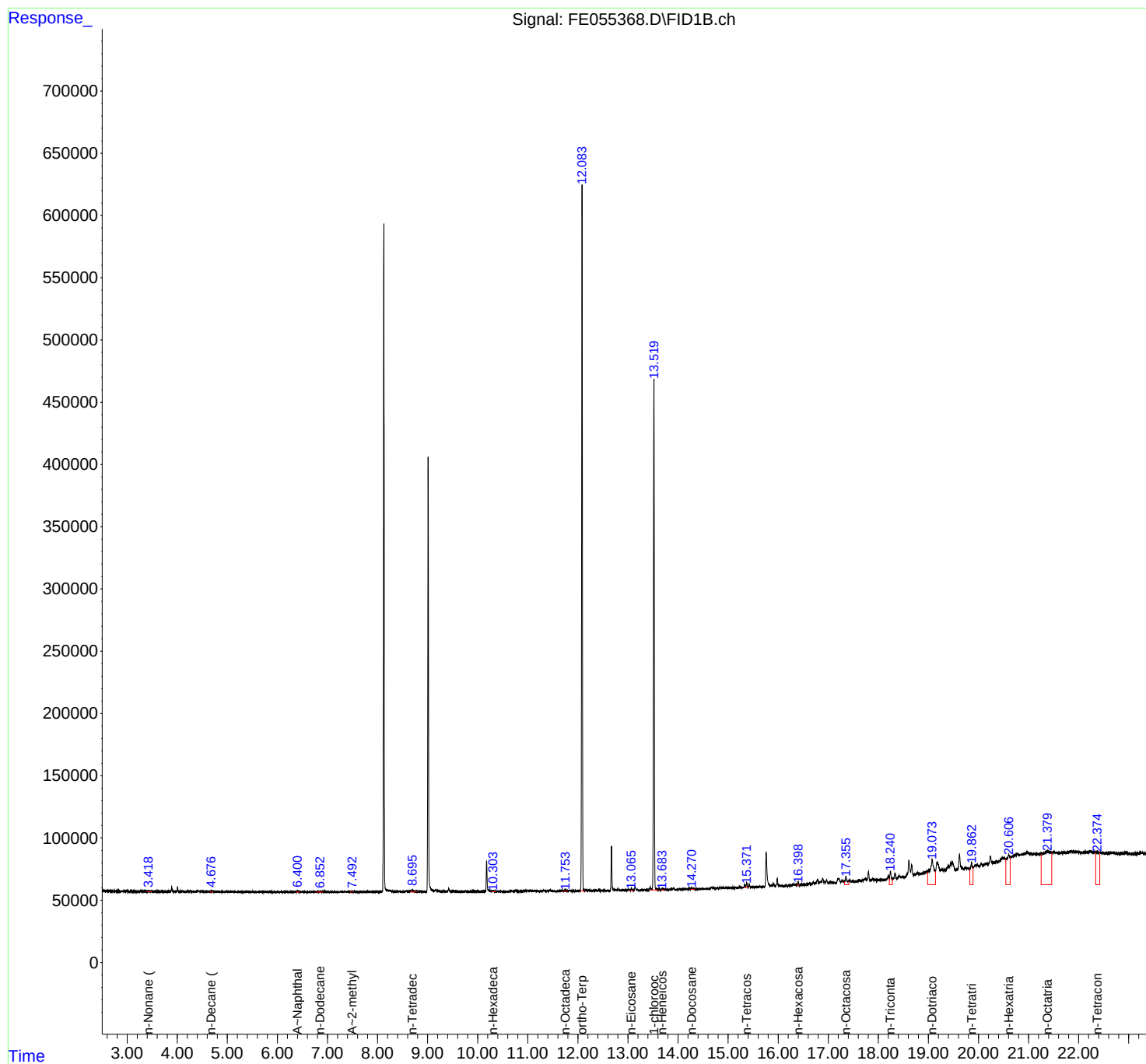
(m)=manual int.

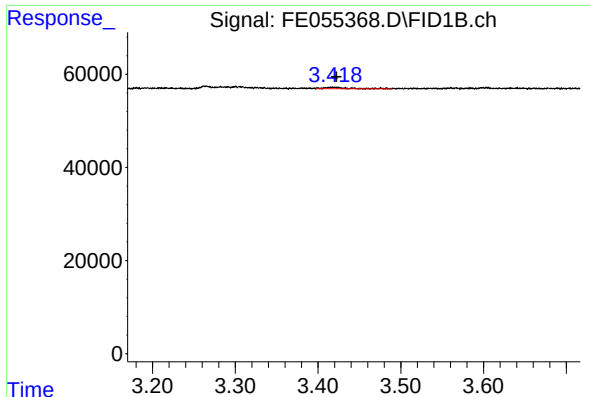
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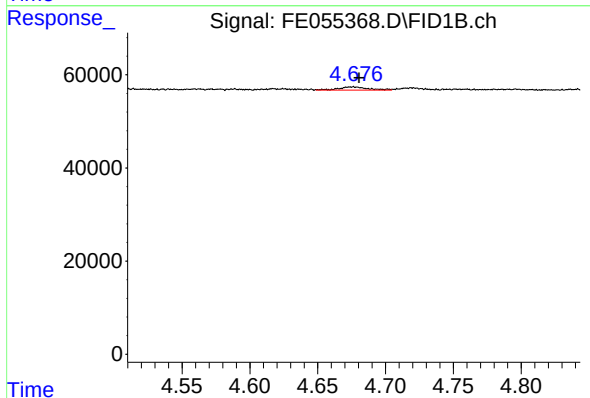




#1 n-Nonane (C9)

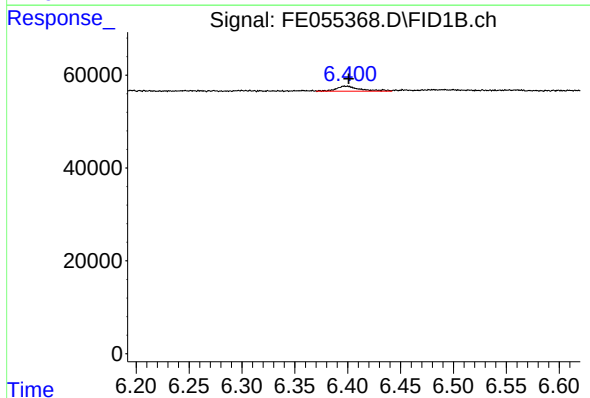
R.T.: 3.419 min
Delta R.T.: -0.003 min
Response: 5988
Conc: 0.05 ug/ml

Instrument :
FID_E
ClientSampleId :



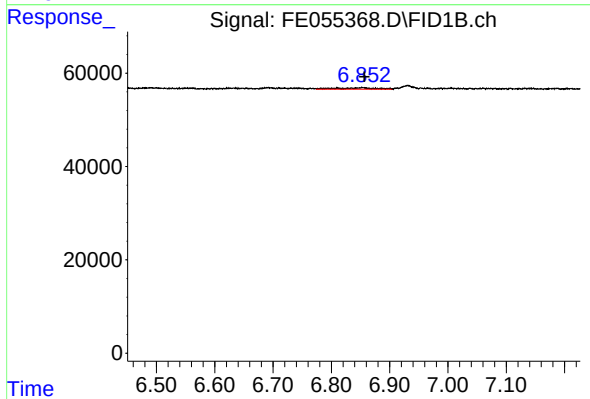
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.005 min
Response: 10315
Conc: 0.09 ug/ml



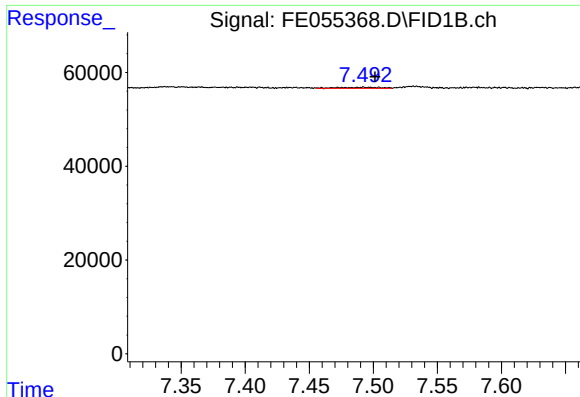
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 16600
Conc: 0.12 ug/ml



#4 n-Dodecane (C12)

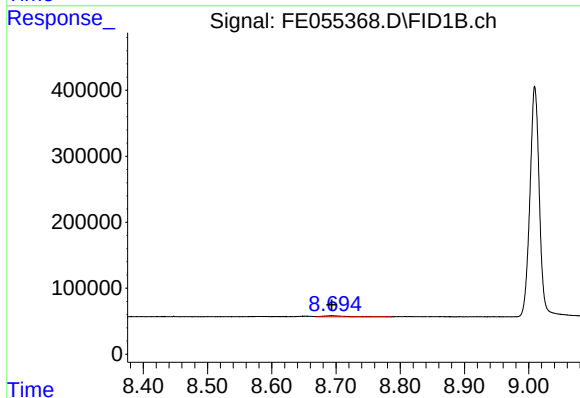
R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 13198
Conc: 0.11 ug/ml



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

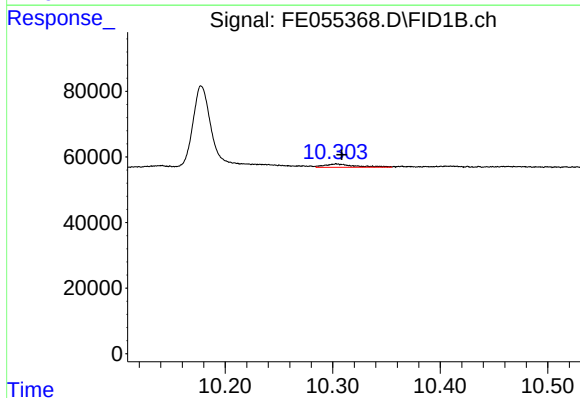
R.T.: 7.494 min
Delta R.T.: -0.007 min
Response: 5467
Conc: 0.04 ug/ml

Instrument :
FID_E
ClientSampleId :



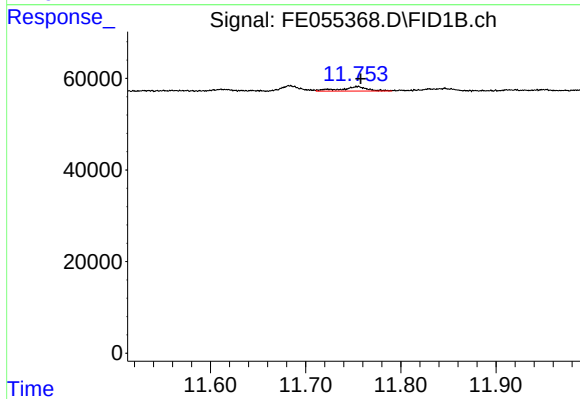
#6 n-Tetradecane (C14)

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 42301
Conc: 0.35 ug/ml



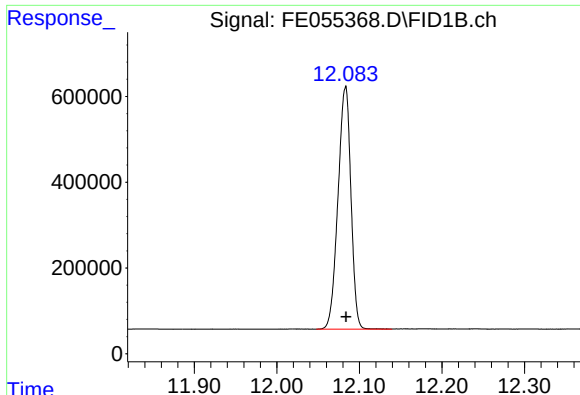
#7 n-Hexadecane (C16)

R.T.: 10.304 min
Delta R.T.: -0.005 min
Response: 19928
Conc: 0.16 ug/ml



#8 n-Octadecane (C18)

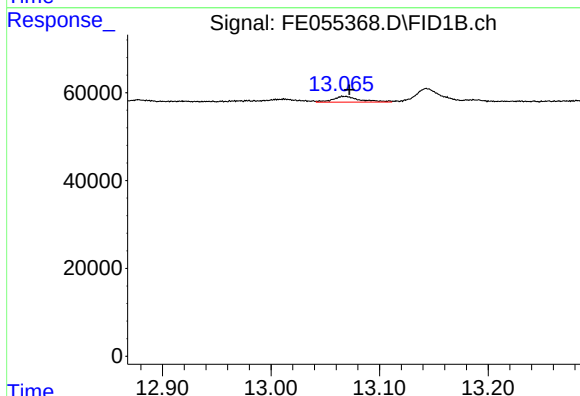
R.T.: 11.754 min
Delta R.T.: -0.003 min
Response: 18660
Conc: 0.14 ug/ml



#9 ortho-Terphenyl (SURR)

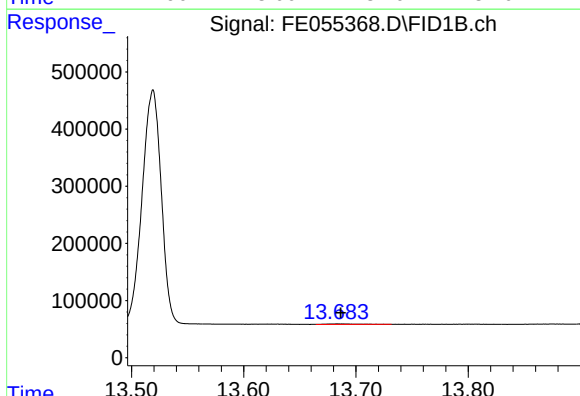
R.T.: 12.083 min
Delta R.T.: -0.001 min
Response: 6158547
Conc: 43.13 ug/ml

Instrument :
FID_E
ClientSampleId :



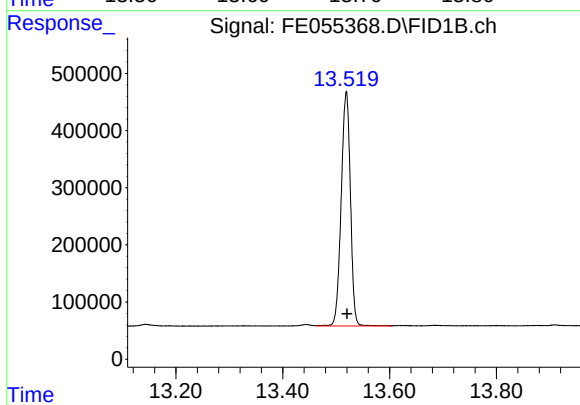
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 22057
Conc: 0.18 ug/ml



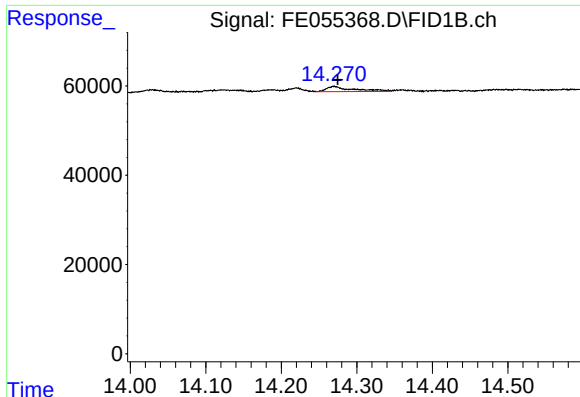
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: -0.001 min
Response: 18368
Conc: 0.15 ug/ml



#12 1-chlorooctadecane (SURR)

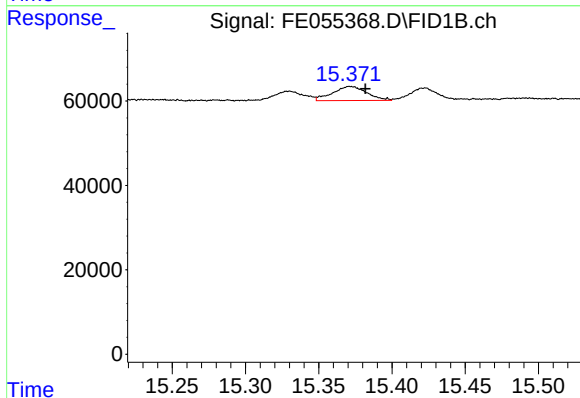
R.T.: 13.519 min
Delta R.T.: -0.002 min
Response: 4916205
Conc: 45.72 ug/ml



#13 n-Docosane (C22)

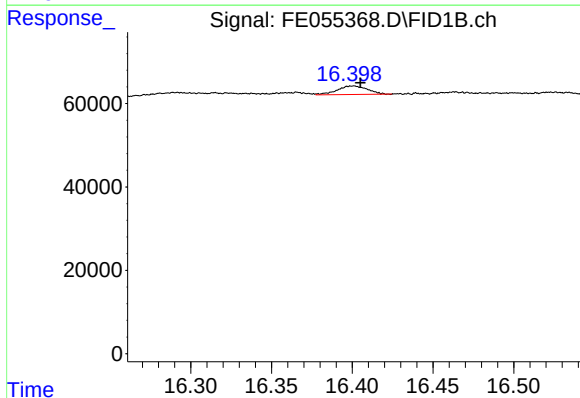
R.T.: 14.270 min
Delta R.T.: -0.005 min
Response: 29146
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :



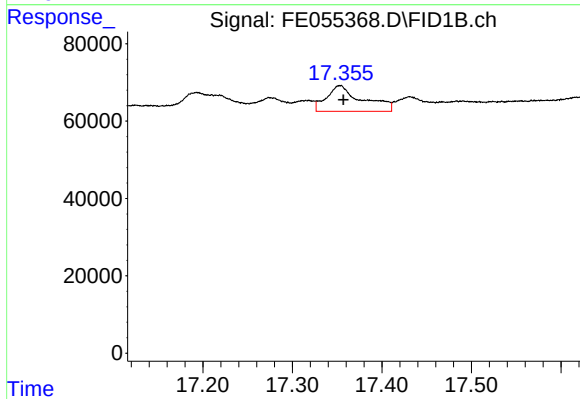
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.010 min
Response: 54442
Conc: 0.45 ug/ml



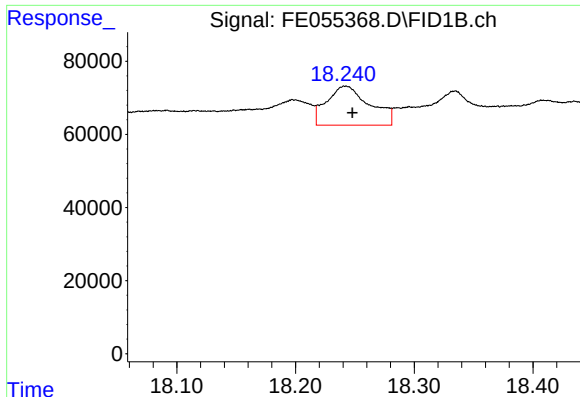
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: -0.005 min
Response: 26588
Conc: 0.22 ug/ml



#16 n-Octacosane (C28)

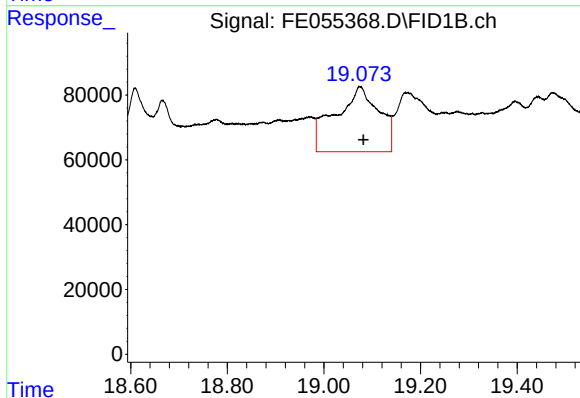
R.T.: 17.353 min
Delta R.T.: -0.004 min
Response: 185825
Conc: 1.57 ug/ml



#17 n-Tricontane (C30)

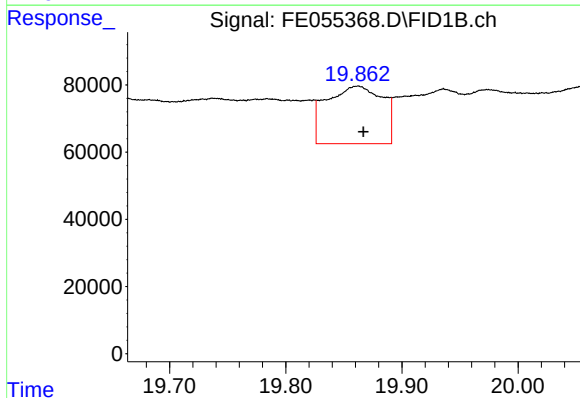
R.T.: 18.242 min
Delta R.T.: -0.006 min
Response: 269697
Conc: 2.19 ug/ml

Instrument :
FID_E
ClientSampleId :



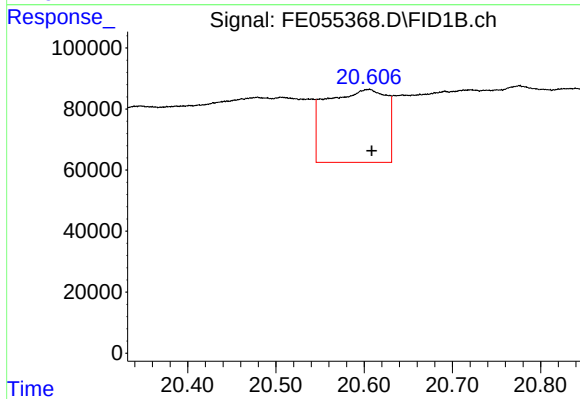
#18 n-Dotriacontane (C32)

R.T.: 19.075 min
Delta R.T.: -0.007 min
Response: 1260782
Conc: 10.33 ug/ml



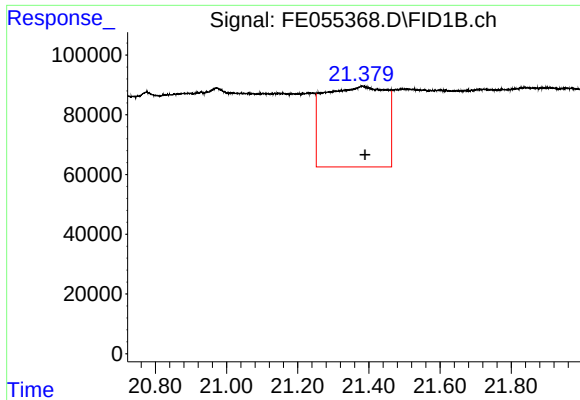
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.005 min
Response: 574233
Conc: 4.91 ug/ml



#20 n-Hexatriacontane (C36)

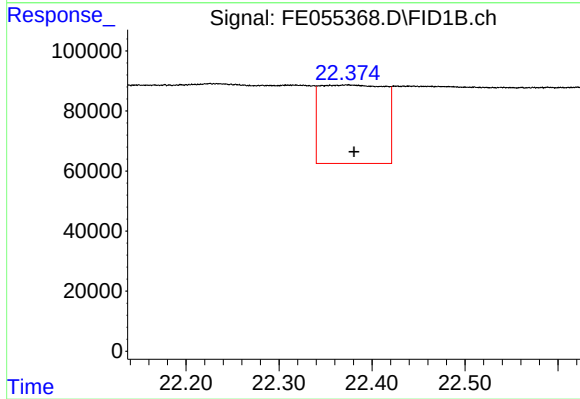
R.T.: 20.605 min
Delta R.T.: -0.004 min
Response: 1129721
Conc: 10.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: -0.007 min
Response: 3276583
Conc: 30.32 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.373 min
Delta R.T.: -0.008 min
Response: 1259877
Conc: 12.05 ug/ml