

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055361.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 17:35
 Operator : YP\AJ
 Sample : Q2871-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:27:44 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	6012622	42.104 ug/ml
Spiked Amount 50.000		Recovery =	84.21%
12) S 1-chlorooctadecane (S...	13.519	4766802	44.332 ug/ml
Spiked Amount 50.000		Recovery =	88.66%
Target Compounds			
1) T n-Nonane (C9)	3.416	5471	0.048 ug/ml
2) T n-Decane (C10)	4.676	6442	0.055 ug/ml
3) T A~Naphthalene (C11.7)	6.398	21435	0.160 ug/ml
4) T n-Dodecane (C12)	6.849	6437	0.054 ug/ml
5) T A~2-methylnaphthalene...	7.499	5679	0.044 ug/ml
6) T n-Tetradecane (C14)	8.693	38856	0.317 ug/ml
7) T n-Hexadecane (C16)	10.304	25982	0.203 ug/ml
8) T n-Octadecane (C18)	11.754	14579	0.112 ug/ml
10) T n-Eicosane (C20)	13.069	27442	0.219 ug/ml
11) T n-Heneicosane (C21)	13.683	24743	0.201 ug/ml
13) T n-Docosane (C22)	14.272	41132	0.337 ug/ml
14) T n-Tetracosane (C24)	15.374	106515	0.876 ug/ml
15) T n-Hexacosane (C26)	16.402	59447	0.497 ug/ml
16) T n-Octacosane (C28)	17.354	203855	1.719 ug/ml
17) T n-Tricontane (C30)	18.244	336573	2.735 ug/ml
18) T n-Dotriacontane (C32)	19.077	1073703	8.800 ug/ml
19) T n-Tetratriacontane (C34)	19.862	883003	7.552 ug/ml
20) T n-Hexatriacontane (C36)	20.605	1940979	17.758 ug/ml
21) T n-Octatriacontane (C38)	21.384	2982906	27.601 ug/ml
22) T n-Tetracontane (C40)	22.368	1546144	14.785 ug/ml

(f)=RT Delta > 1/2 Window

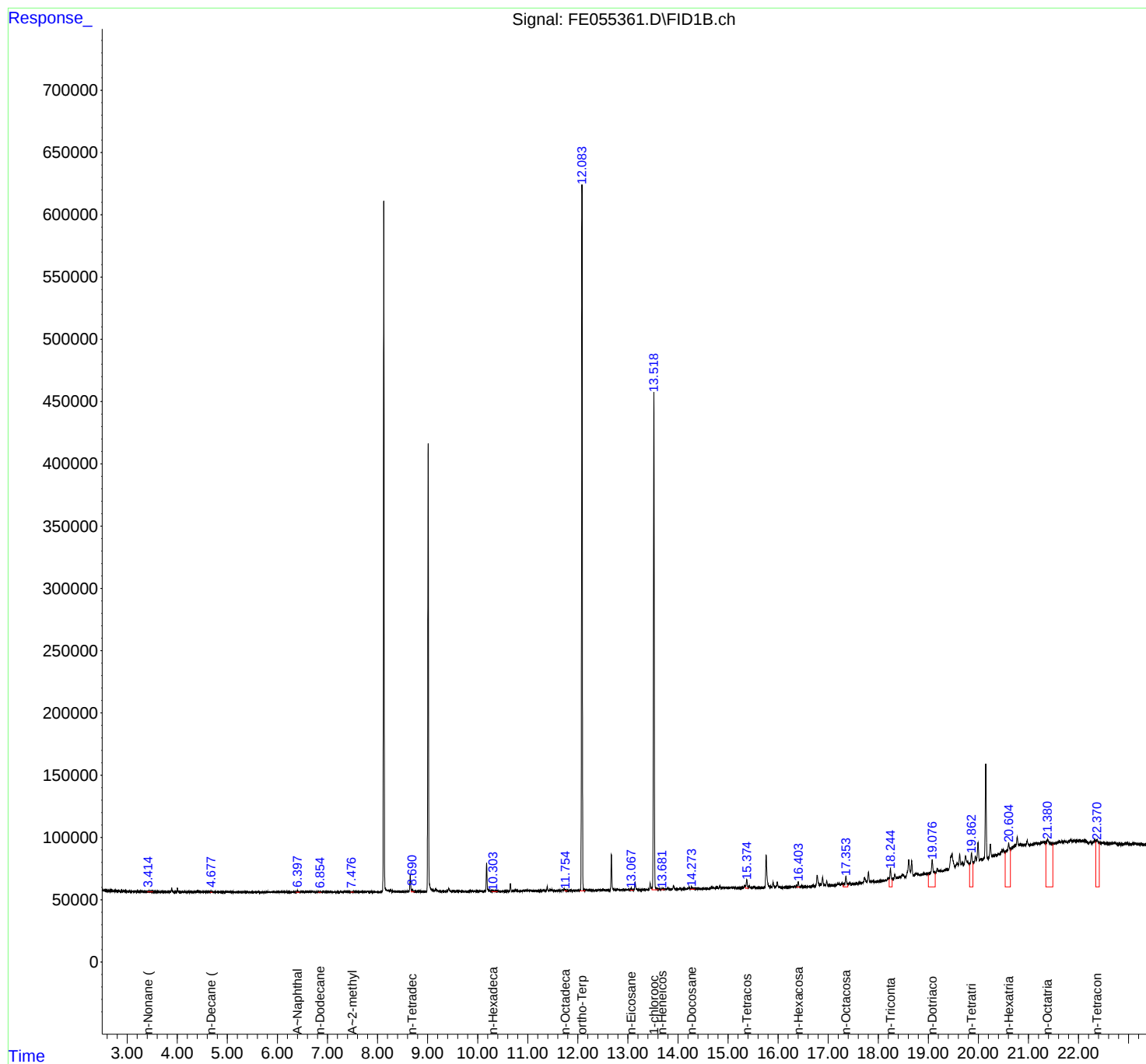
(m)=manual int.

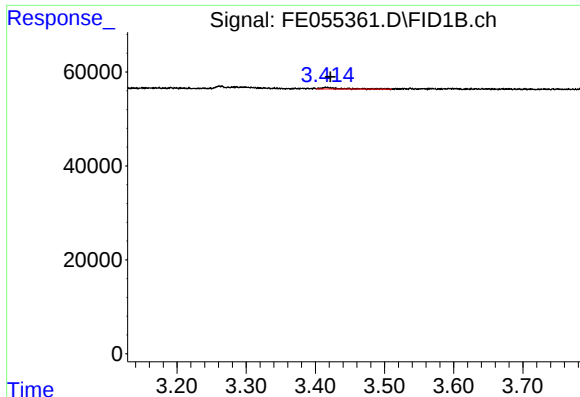
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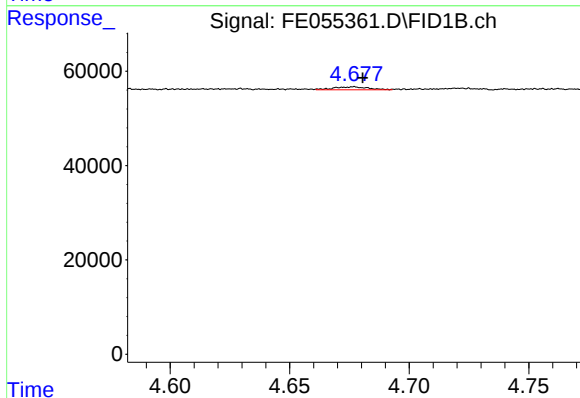




#1 n-Nonane (C9)

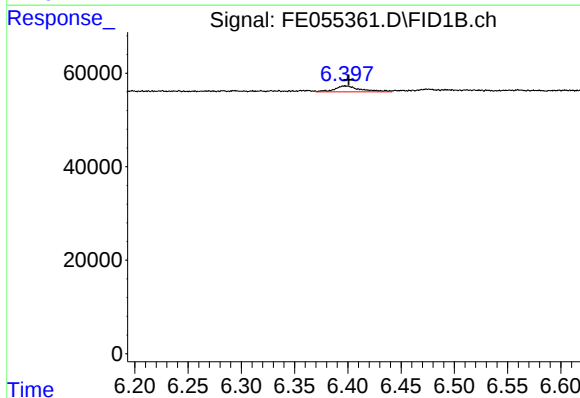
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 5471
Conc: 0.05 ug/ml

Instrument :
FID_E
ClientSampleId :



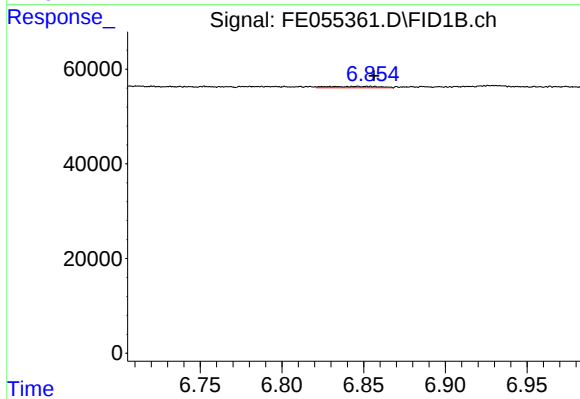
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.005 min
Response: 6442
Conc: 0.06 ug/ml



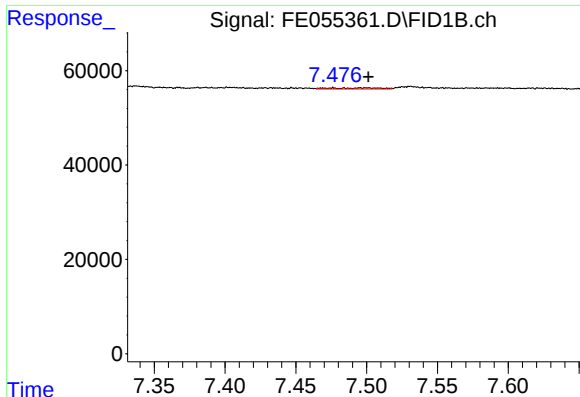
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 21435
Conc: 0.16 ug/ml



#4 n-Dodecane (C12)

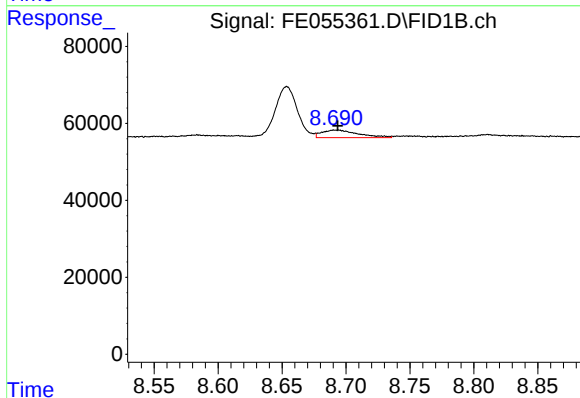
R.T.: 6.849 min
Delta R.T.: -0.007 min
Response: 6437
Conc: 0.05 ug/ml



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

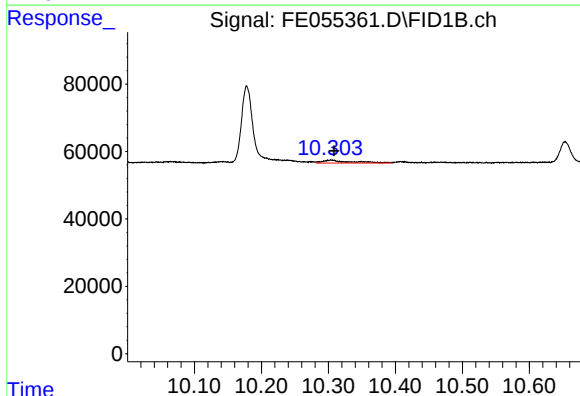
R.T.: 7.499 min
Delta R.T.: -0.003 min
Response: 5679
Conc: 0.04 ug/ml

Instrument :
FID_E
ClientSampleId :



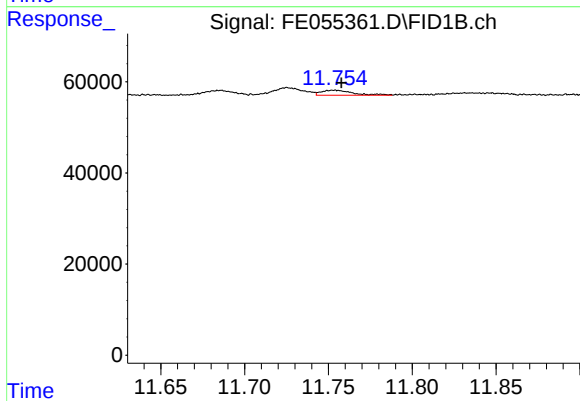
#6 n-Tetradecane (C14)

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 38856
Conc: 0.32 ug/ml



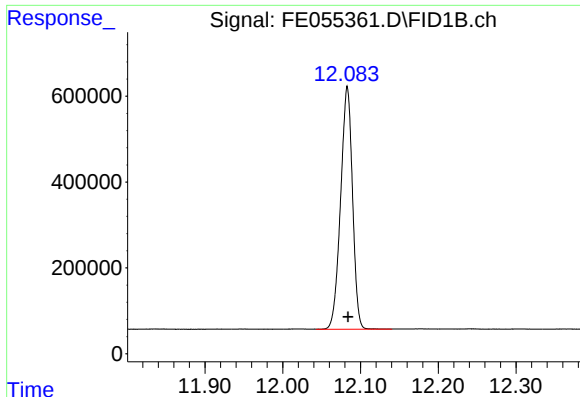
#7 n-Hexadecane (C16)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 25982
Conc: 0.20 ug/ml



#8 n-Octadecane (C18)

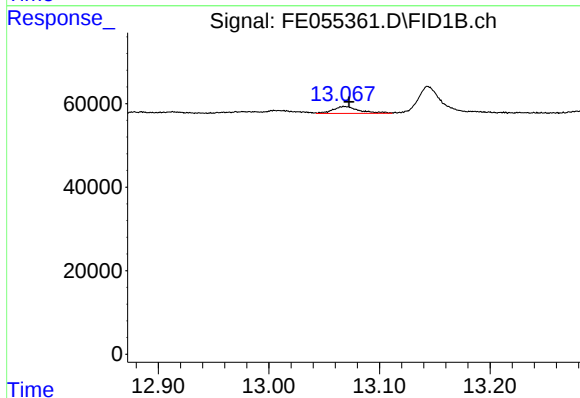
R.T.: 11.754 min
Delta R.T.: -0.004 min
Response: 14579
Conc: 0.11 ug/ml



#9 ortho-Terphenyl (SURR)

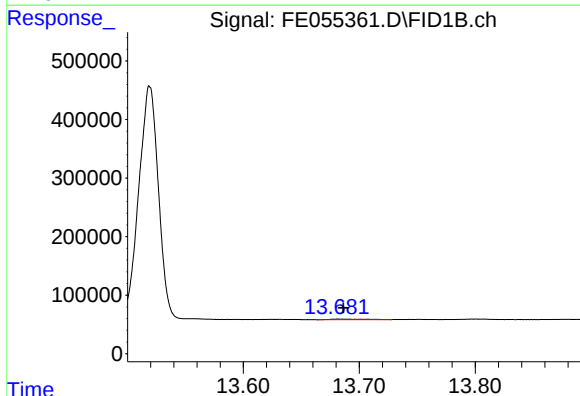
R.T.: 12.083 min
Delta R.T.: -0.001 min
Response: 6012622
Conc: 42.10 ug/ml

Instrument :
FID_E
ClientSampleId :



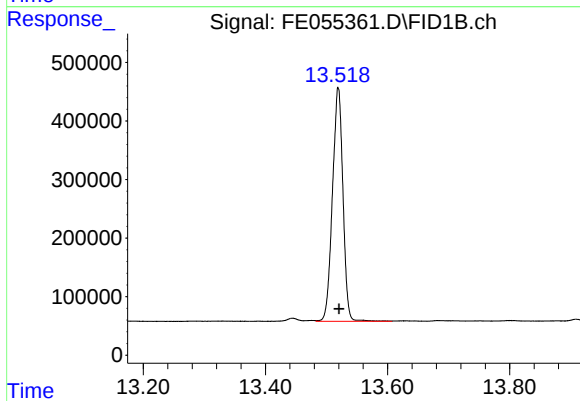
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.004 min
Response: 27442
Conc: 0.22 ug/ml



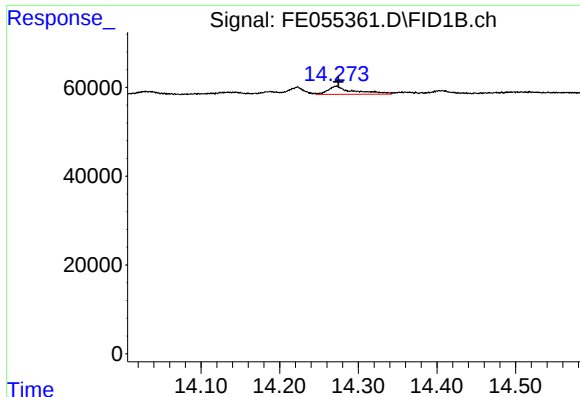
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: -0.003 min
Response: 24743
Conc: 0.20 ug/ml



#12 1-chlorooctadecane (SURR)

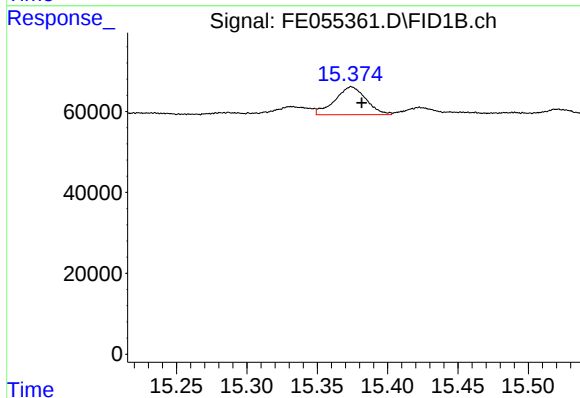
R.T.: 13.519 min
Delta R.T.: -0.001 min
Response: 4766802
Conc: 44.33 ug/ml



#13 n-Docosane (C22)

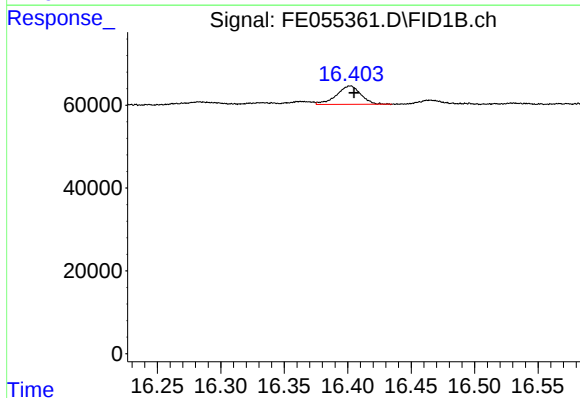
R.T.: 14.272 min
Delta R.T.: -0.003 min
Response: 41132
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :



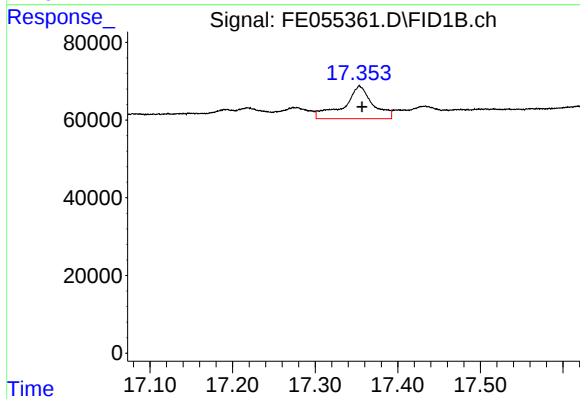
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: -0.007 min
Response: 106515
Conc: 0.88 ug/ml



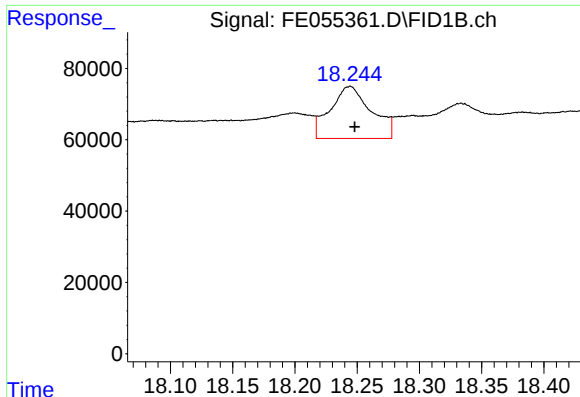
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 59447
Conc: 0.50 ug/ml



#16 n-Octacosane (C28)

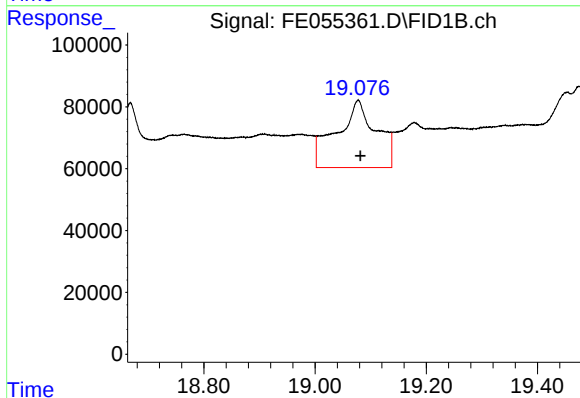
R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 203855
Conc: 1.72 ug/ml



#17 n-Tricontane (C30)

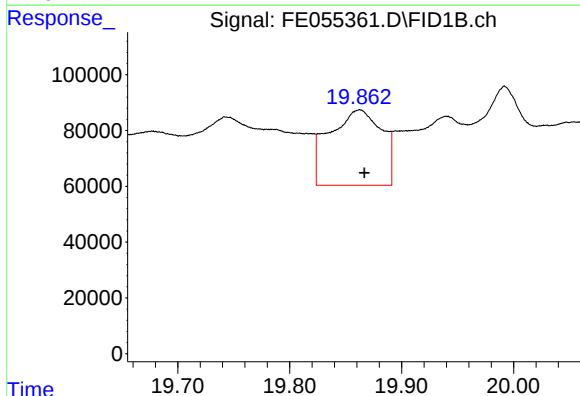
R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 336573
Conc: 2.74 ug/ml

Instrument :
FID_E
ClientSampleId :



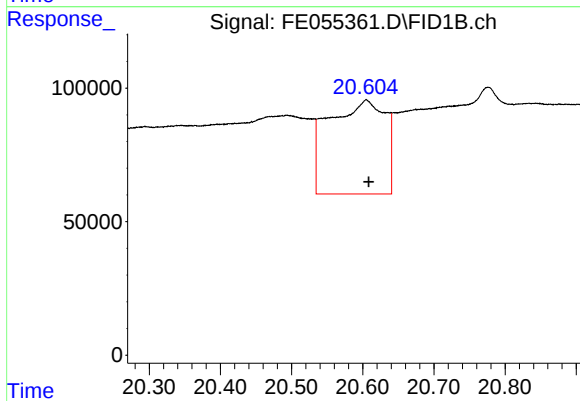
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: -0.004 min
Response: 1073703
Conc: 8.80 ug/ml



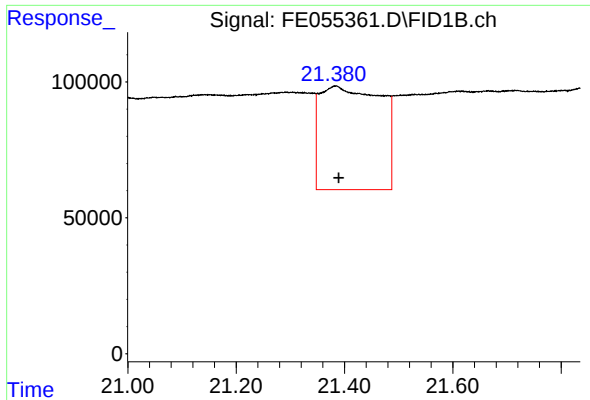
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.005 min
Response: 883003
Conc: 7.55 ug/ml



#20 n-Hexatriacontane (C36)

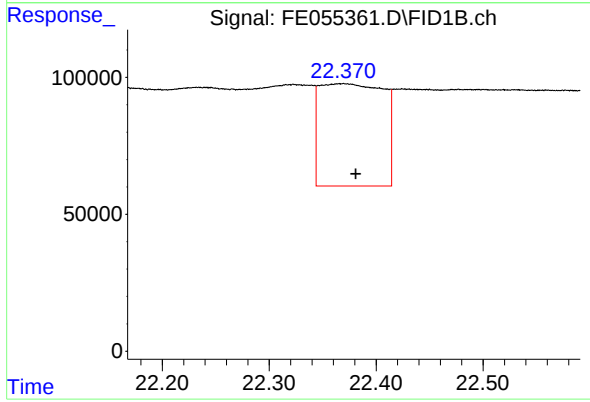
R.T.: 20.605 min
Delta R.T.: -0.003 min
Response: 1940979
Conc: 17.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.006 min
Response: 2982906
Conc: 27.60 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: -0.012 min
Response: 1546144
Conc: 14.79 ug/ml