

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072625AL\
 Data File : FE055036.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2025 22:21
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jul 26 03:49:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:46:03 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)	12.086	816173	5.700 ug/ml
Spiked Amount 50.000		Recovery =	11.40%
12) S 1-chlorooctadecane (S...	13.523	614097	5.669 ug/ml
Spiked Amount 50.000		Recovery =	11.34%
Target Compounds			
1) T n-Nonane (C9)	3.425	675389	5.773 ug/ml
2) T n-Decane (C10)	4.683	685567	5.735 ug/ml
3) T A~Naphthalene (C11.7)	6.403	784195	5.680 ug/ml
4) T n-Dodecane (C12)	6.859	696348	5.679 ug/ml
5) T A~2-methylnaphthalene...	7.504	754429	5.632 ug/ml
6) T n-Tetradecane (C14)	8.696	744409	5.898 ug/ml
7) T n-Hexadecane (C16)	10.310	739777	5.685 ug/ml
8) T n-Octadecane (C18)	11.760	754575	5.739 ug/ml
10) T n-Eicosane (C20)	13.074	725965	5.781 ug/ml
11) T n-Heneicosane (C21)	13.688	702192	5.717 ug/ml
13) T n-Docosane (C22)	14.277	697095	5.720 ug/ml
14) T n-Tetracosane (C24)	15.383	695599	5.747 ug/ml
15) T n-Hexacosane (C26)	16.407	688383	5.768 ug/ml
16) T n-Octacosane (C28)	17.360	710850	5.968 ug/ml
17) T n-Tricontane (C30)	18.249	785841	6.278 ug/ml
18) T n-Dotriacontane (C32)	19.084	787460	6.309 ug/ml
19) T n-Tetratriacontane (C34)	19.869	739250	6.225 ug/ml
20) T n-Hexatriacontane (C36)	20.609	670586	6.046 ug/ml
21) T n-Octatriacontane (C38)	21.391	657558	6.153 ug/ml
22) T n-Tetracontane (C40)	22.381	621601	5.796 ug/ml

(f)=RT Delta > 1/2 Window

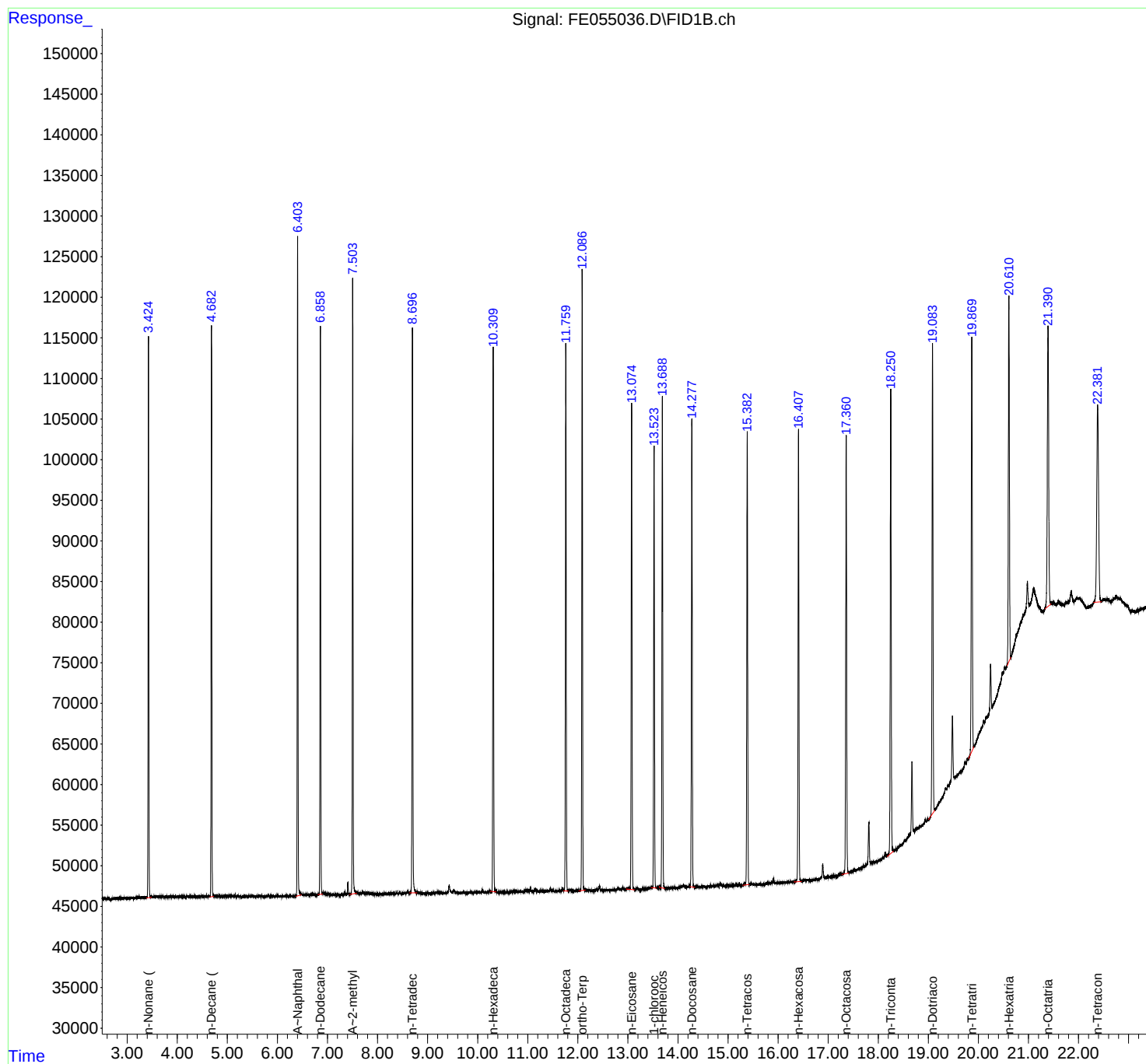
(m)=manual int.

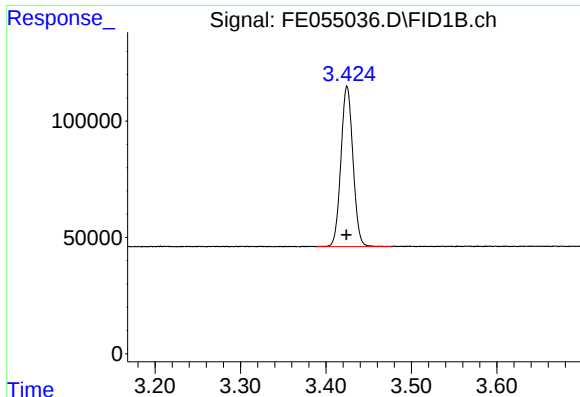
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072625AL\
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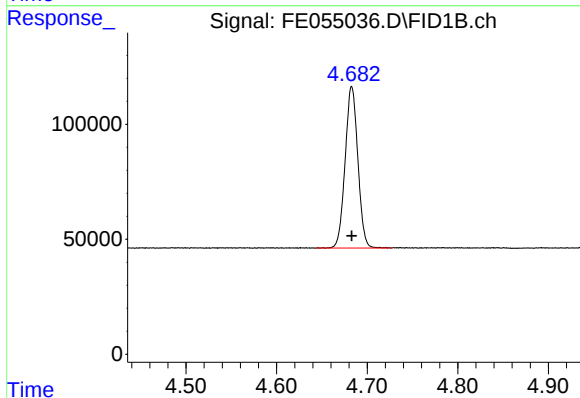




#1 n-Nonane (C9)

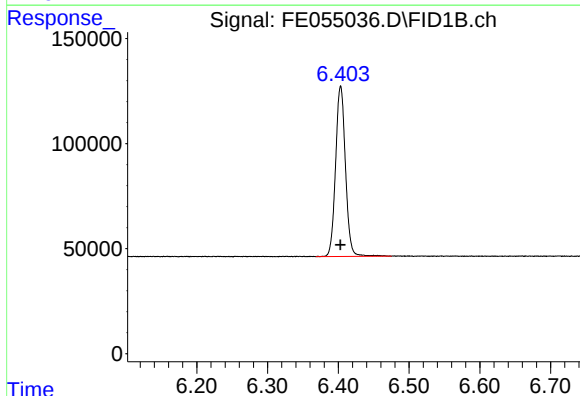
R.T.: 3.425 min
Delta R.T.: 0.000 min
Response: 675389
Conc: 5.77 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



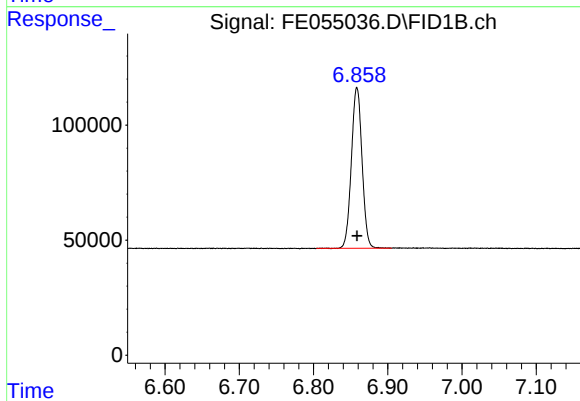
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 685567
Conc: 5.73 ug/ml



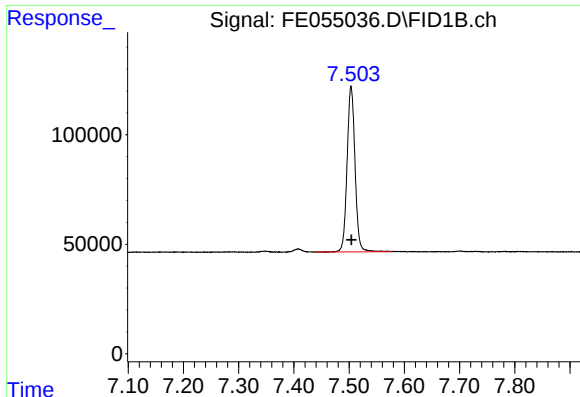
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 784195
Conc: 5.68 ug/ml



#4 n-Dodecane (C12)

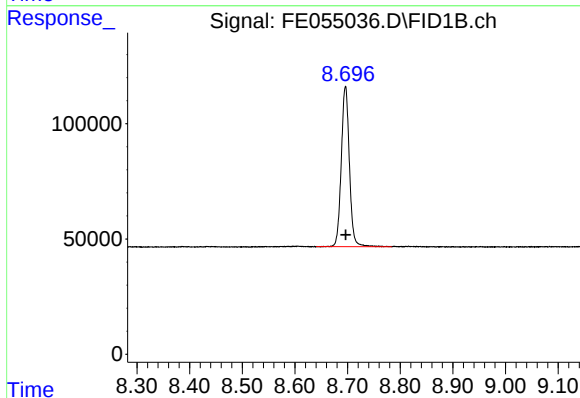
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 696348
Conc: 5.68 ug/ml



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

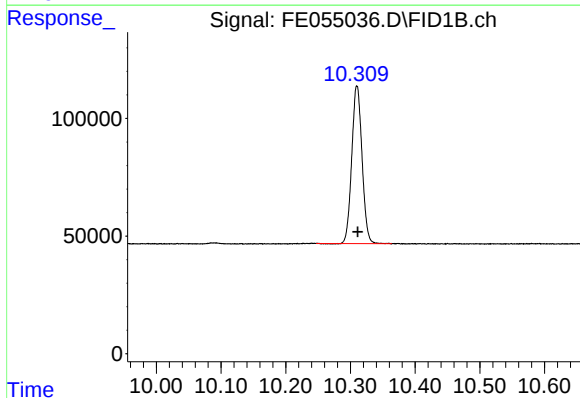
R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 754429
Conc: 5.63 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



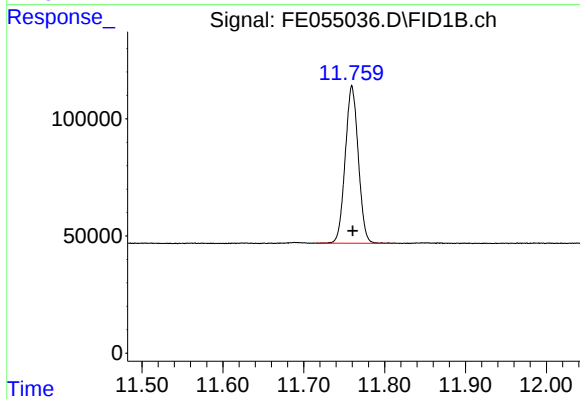
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 744409
Conc: 5.90 ug/ml



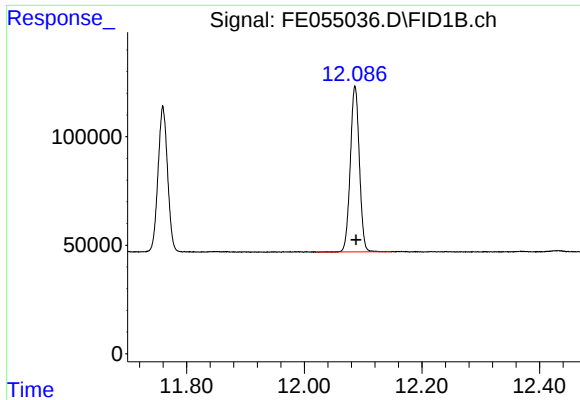
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: -0.001 min
Response: 739777
Conc: 5.68 ug/ml



#8 n-Octadecane (C18)

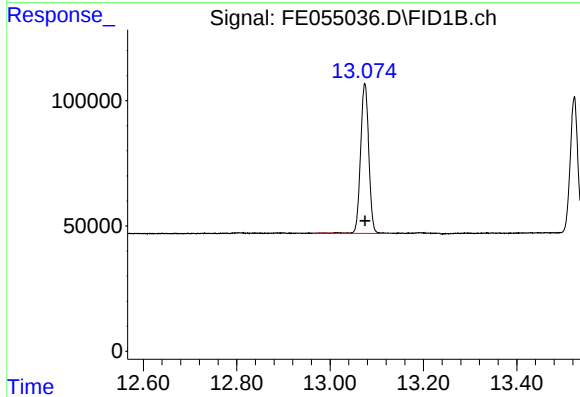
R.T.: 11.760 min
Delta R.T.: 0.000 min
Response: 754575
Conc: 5.74 ug/ml



#9 ortho-Terphenyl (SURR)

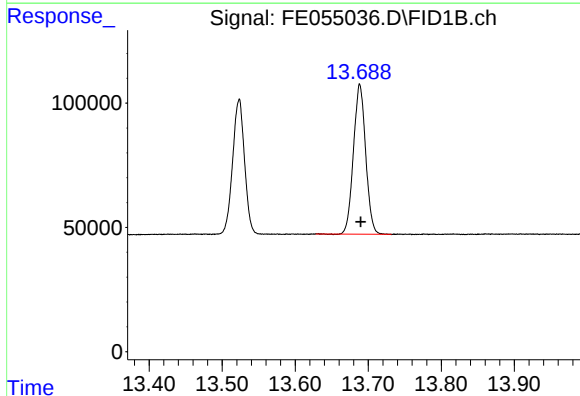
R.T.: 12.086 min
Delta R.T.: -0.002 min
Response: 816173
Conc: 5.70 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



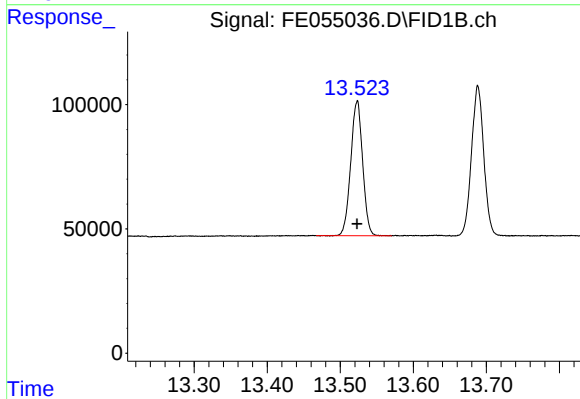
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.000 min
Response: 725965
Conc: 5.78 ug/ml



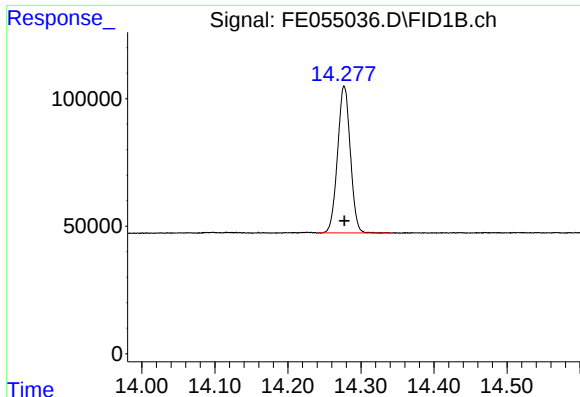
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: -0.001 min
Response: 702192
Conc: 5.72 ug/ml



#12 1-chlorooctadecane (SURR)

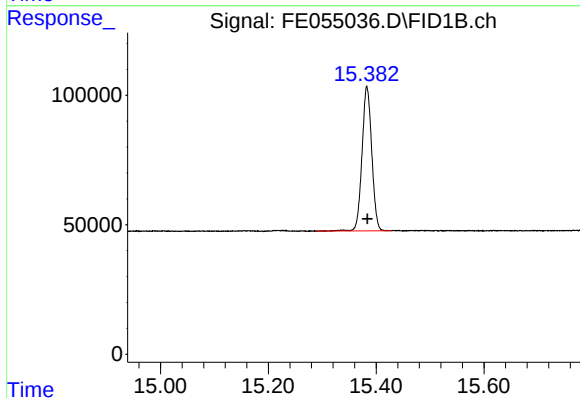
R.T.: 13.523 min
Delta R.T.: 0.000 min
Response: 614097
Conc: 5.67 ug/ml



#13 n-Docosane (C22)

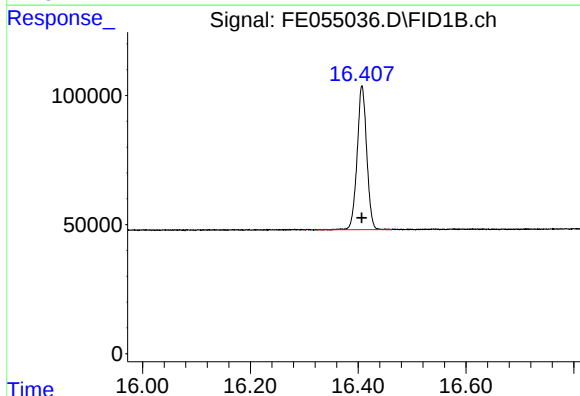
R.T.: 14.277 min
Delta R.T.: 0.000 min
Response: 697095
Conc: 5.72 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



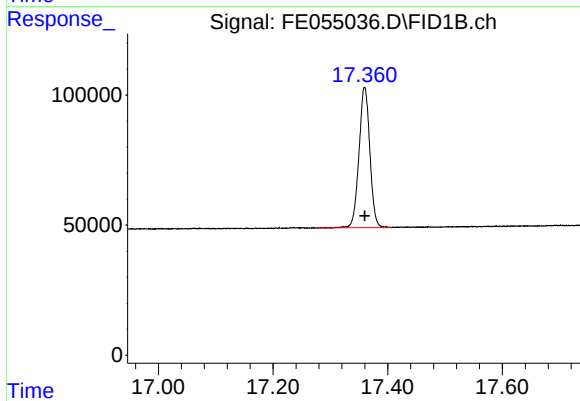
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 695599
Conc: 5.75 ug/ml



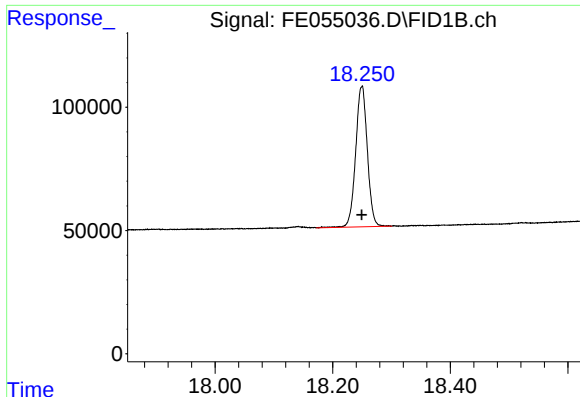
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.000 min
Response: 688383
Conc: 5.77 ug/ml



#16 n-Octacosane (C28)

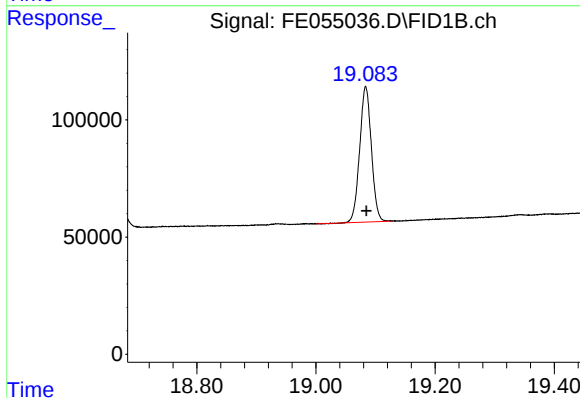
R.T.: 17.360 min
Delta R.T.: 0.000 min
Response: 710850
Conc: 5.97 ug/ml



#17 n-Tricontane (C30)

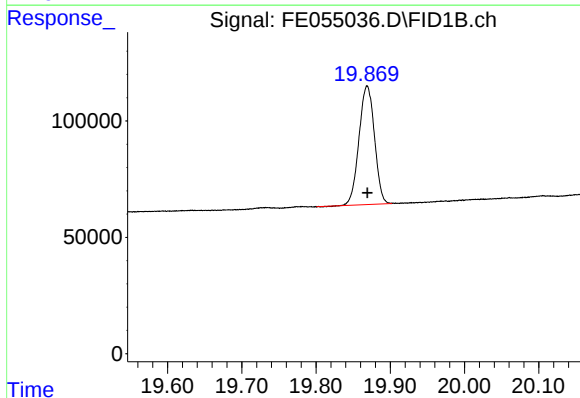
R.T.: 18.249 min
Delta R.T.: 0.000 min
Response: 785841
Conc: 6.28 ug/ml

Instrument :
FID_E
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5 PPM ALIPHATIC HC STD5



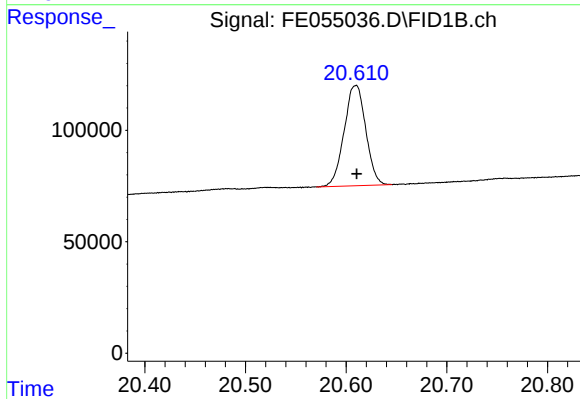
#18 n-Dotriacontane (C32)

R.T.: 19.084 min
Delta R.T.: -0.001 min
Response: 787460
Conc: 6.31 ug/ml



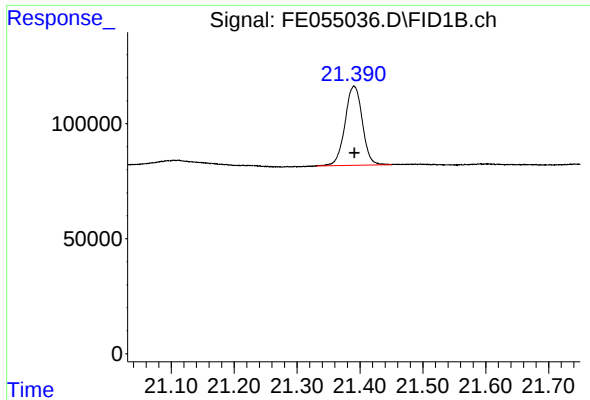
#19 n-Tetratriacontane (C34)

R.T.: 19.869 min
Delta R.T.: 0.000 min
Response: 739250
Conc: 6.23 ug/ml



#20 n-Hexatriacontane (C36)

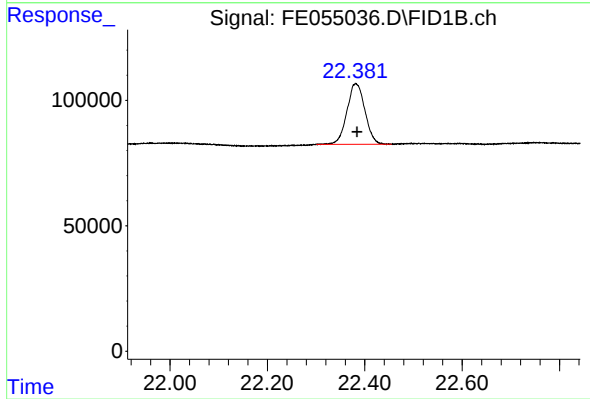
R.T.: 20.609 min
Delta R.T.: -0.001 min
Response: 670586
Conc: 6.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.391 min
Delta R.T.: 0.000 min
Response: 657558
Conc: 6.15 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: -0.003 min
Response: 621601
Conc: 5.80 ug/ml