

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041725AL\
 Data File : FE053387.D
 Signal(s) : FID1B.ch
 Acq On : 16 Apr 2025 15:35
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Apr 16 17:31:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 17:29:00 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)	11.897	17254133	97.377 ug/ml
Spiked Amount 50.000		Recovery =	194.75%
12) S 1-chlorooctadecane (S...	13.340	12911819	97.103 ug/ml
Spiked Amount 50.000		Recovery =	194.21%
Target Compounds			
1) T n-Nonane (C9)	3.235	13201429	97.806 ug/ml
2) T n-Decane (C10)	4.496	13423214	98.275 ug/ml
3) T A~Naphthalene (C11.7)	6.209	14943300	98.978 ug/ml
4) T n-Dodecane (C12)	6.677	13648447	98.315 ug/ml
5) T A~2-methylnaphthalene...	7.313	14933440	99.120 ug/ml
6) T n-Tetradecane (C14)	8.514	13623353	98.225 ug/ml
7) T n-Hexadecane (C16)	10.129	13818363	97.718 ug/ml
8) T n-Octadecane (C18)	11.580	13916696	97.192 ug/ml
10) T n-Eicosane (C20)	12.893	13773973	96.784 ug/ml
11) T n-Heneicosane (C21)	13.509	13691253	96.712 ug/ml
13) T n-Docosane (C22)	14.097	13585495	96.579 ug/ml
14) T n-Tetracosane (C24)	15.203	13396031	96.279 ug/ml
15) T n-Hexacosane (C26)	16.227	13122804	96.079 ug/ml
16) T n-Octacosane (C28)	17.179	12761876	95.559 ug/ml
17) T n-Tricontane (C30)	18.070	12660425	95.282 ug/ml
18) T n-Dotriacontane (C32)	18.905	12453995	95.078 ug/ml
19) T n-Tetratriacontane (C34)	19.691	11958465	95.363 ug/ml
20) T n-Hexatriacontane (C36)	20.431	11785134	96.522 ug/ml
21) T n-Octatriacontane (C38)	21.171	11353126	96.357 ug/ml
22) T n-Tetracontane (C40)	22.087	11263225	97.099 ug/ml

(f)=RT Delta > 1/2 Window

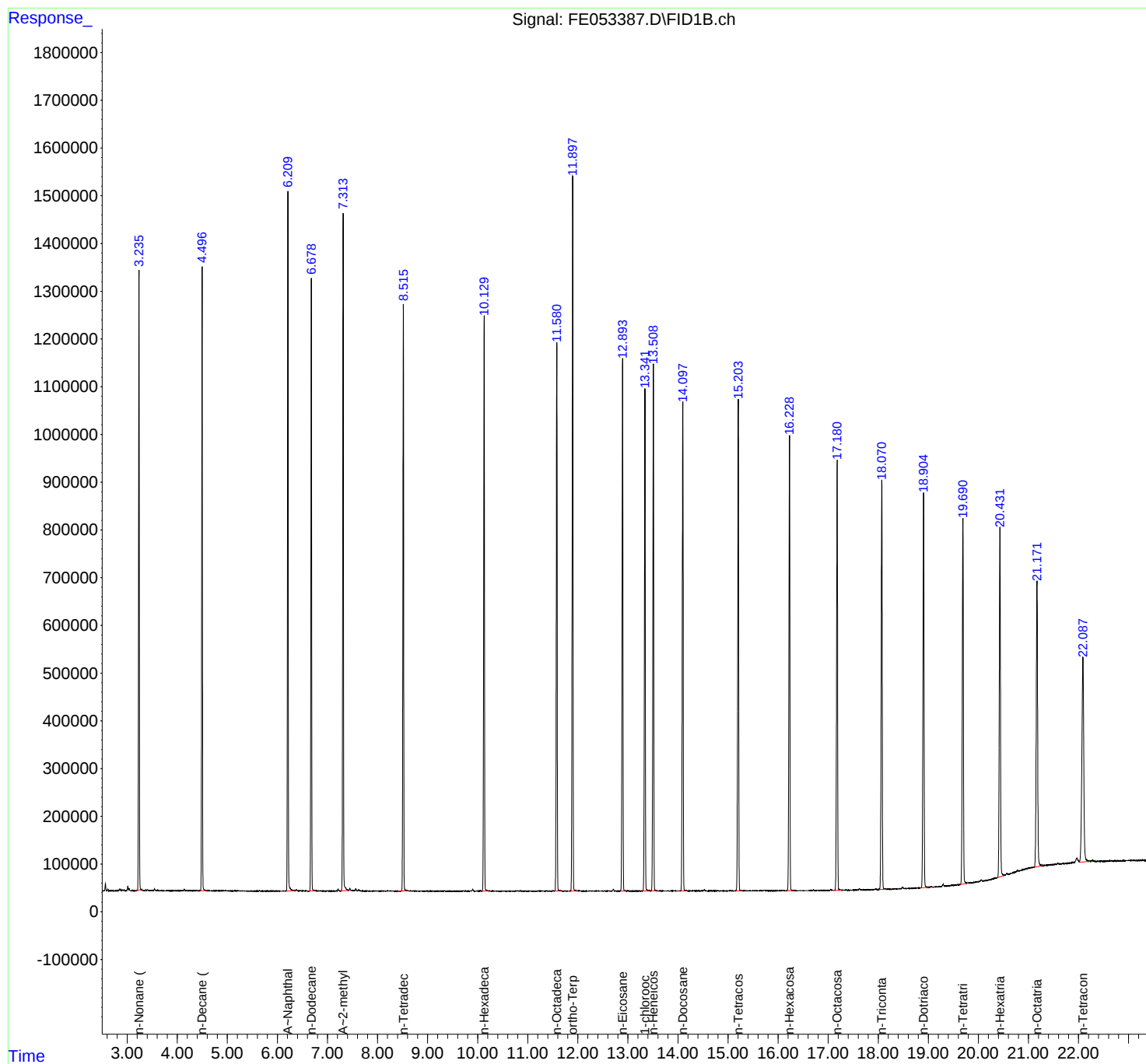
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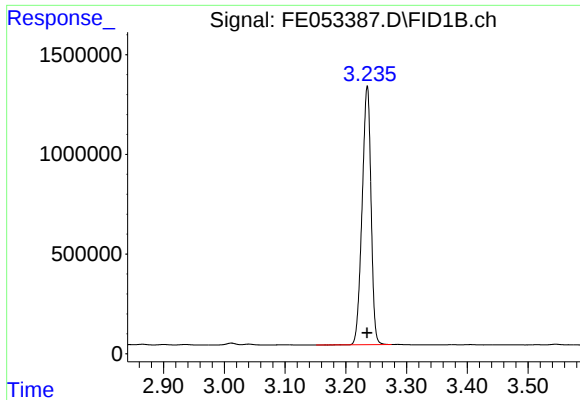
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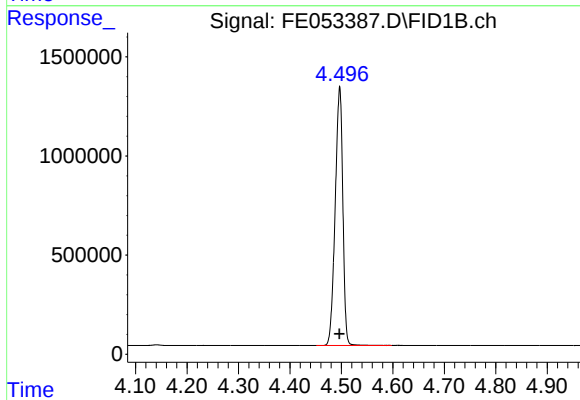




#1 n-Nonane (C9)

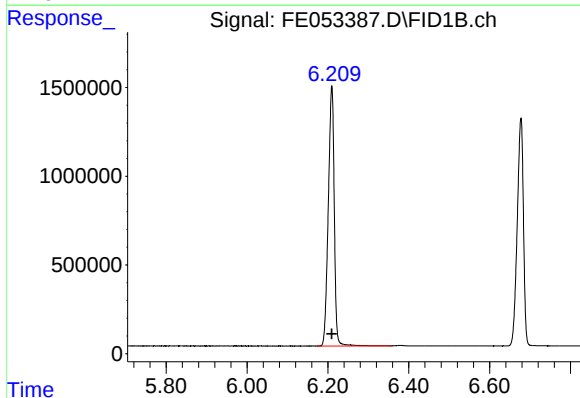
R.T.: 3.235 min
Delta R.T.: 0.000 min
Response: 13201429
Conc: 97.81 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



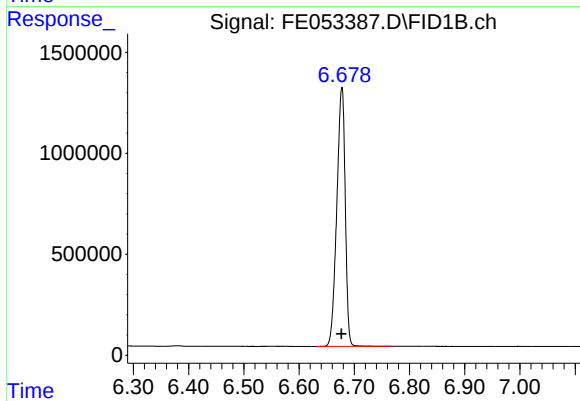
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 13423214
Conc: 98.27 ug/ml



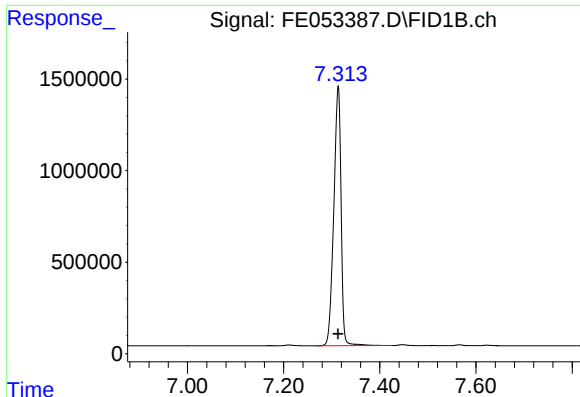
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 14943300
Conc: 98.98 ug/ml



#4 n-Dodecane (C12)

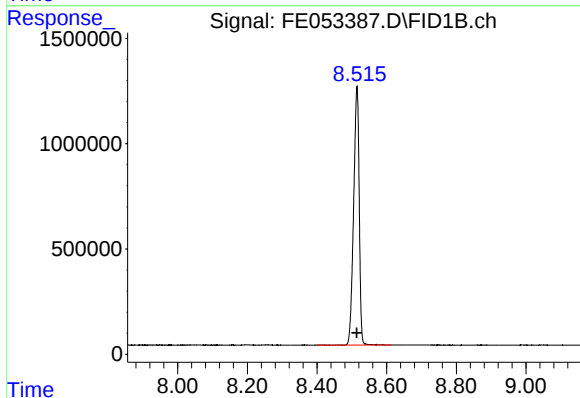
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 13648447
Conc: 98.32 ug/ml



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

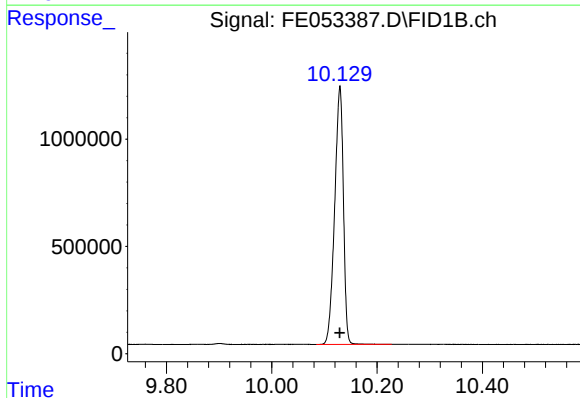
R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 14933440
Conc: 99.12 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



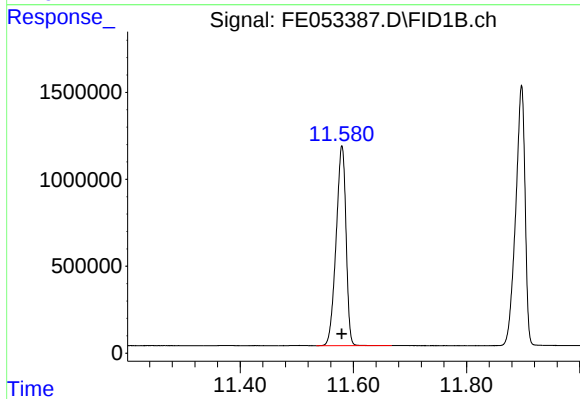
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 13623353
Conc: 98.22 ug/ml



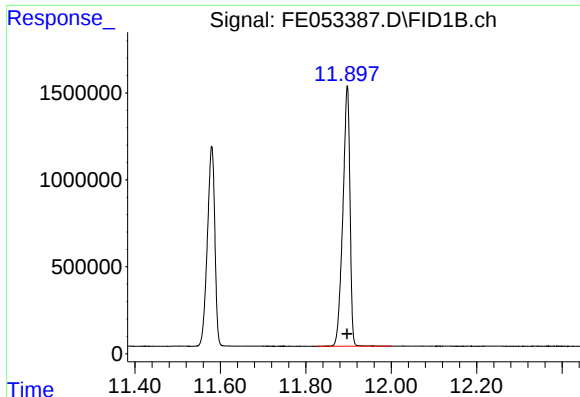
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: 0.000 min
Response: 13818363
Conc: 97.72 ug/ml



#8 n-Octadecane (C18)

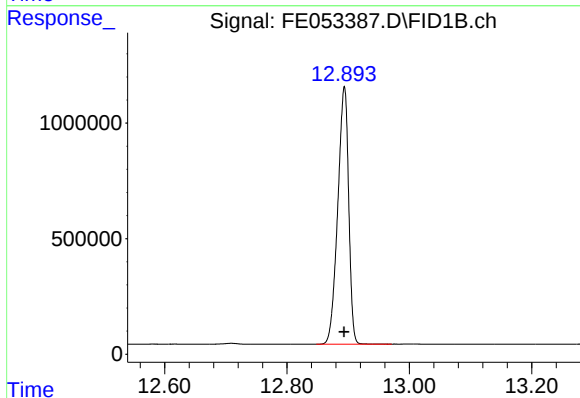
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 13916696
Conc: 97.19 ug/ml



#9 ortho-Terphenyl (SURR)

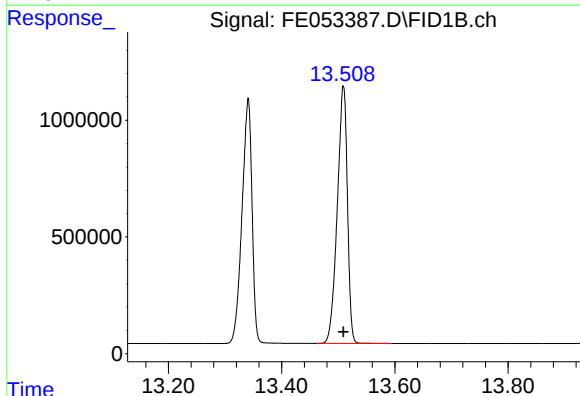
R.T.: 11.897 min
Delta R.T.: 0.000 min
Response: 17254133
Conc: 97.38 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



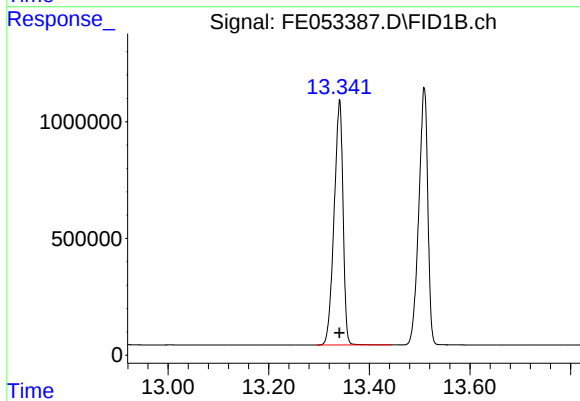
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: 0.000 min
Response: 13773973
Conc: 96.78 ug/ml



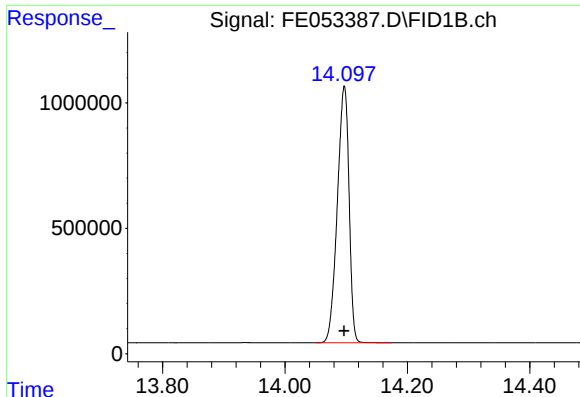
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: 0.000 min
Response: 13691253
Conc: 96.71 ug/ml



#12 1-chlorooctadecane (SURR)

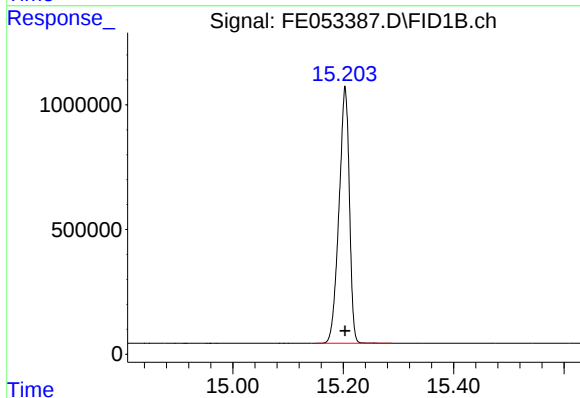
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 12911819
Conc: 97.10 ug/ml



#13 n-Docosane (C22)

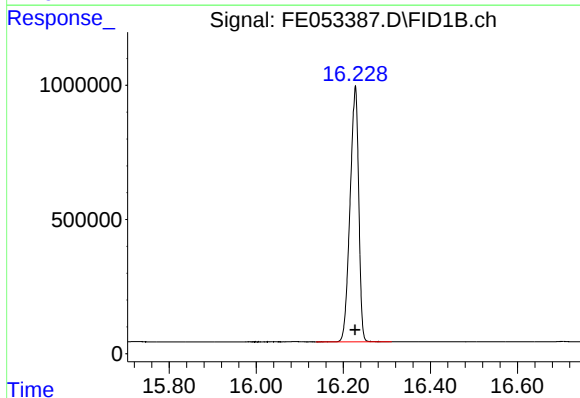
R.T.: 14.097 min
Delta R.T.: 0.000 min
Response: 13585495
Conc: 96.58 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



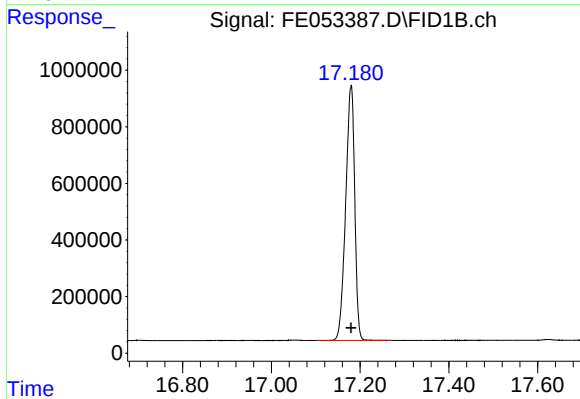
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: 0.000 min
Response: 13396031
Conc: 96.28 ug/ml



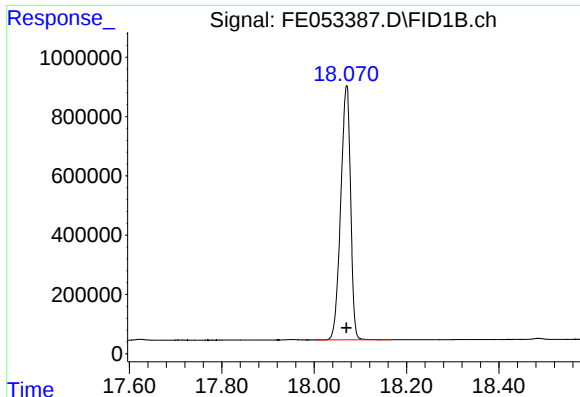
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: 0.000 min
Response: 13122804
Conc: 96.08 ug/ml



#16 n-Octacosane (C28)

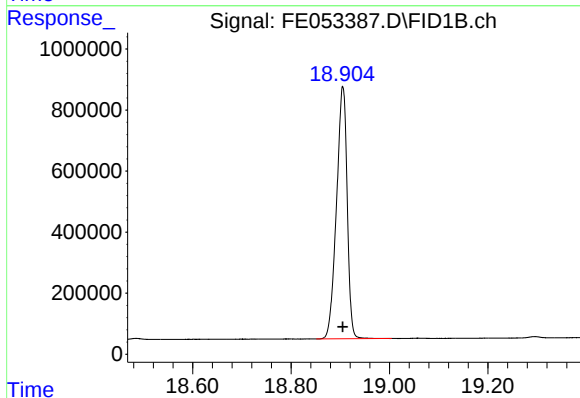
R.T.: 17.179 min
Delta R.T.: 0.000 min
Response: 12761876
Conc: 95.56 ug/ml



#17 n-Tricontane (C30)

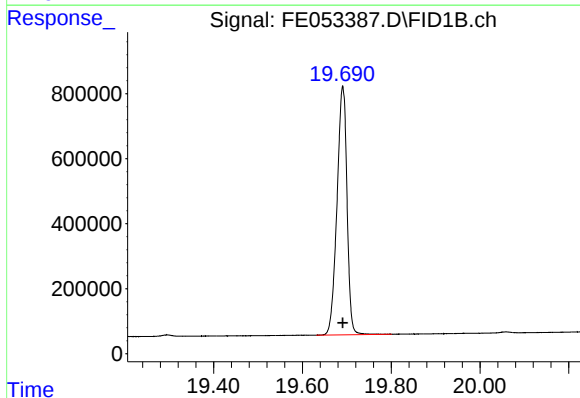
R.T.: 18.070 min
Delta R.T.: 0.000 min
Response: 12660425
Conc: 95.28 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



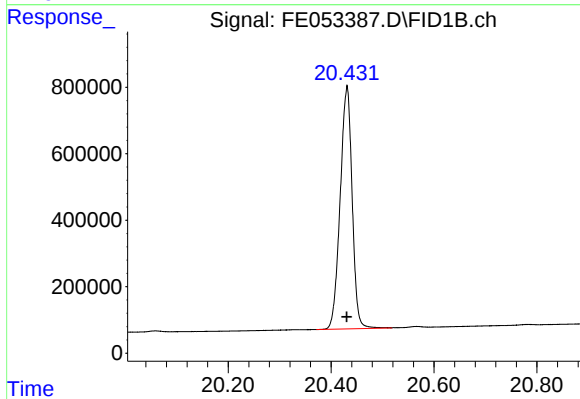
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.000 min
Response: 12453995
Conc: 95.08 ug/ml



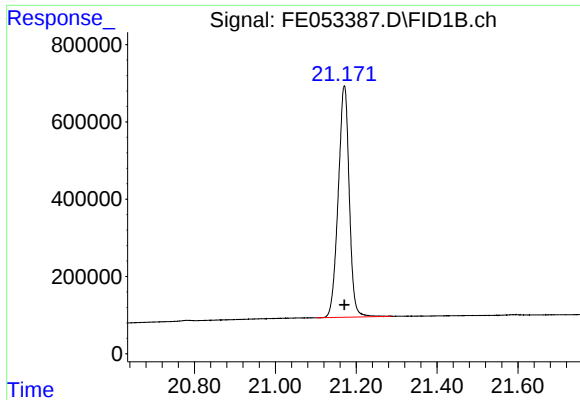
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: 0.000 min
Response: 11958465
Conc: 95.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: 0.000 min
Response: 11785134
Conc: 96.52 ug/ml



#21 n-Octatriacontane (C38)

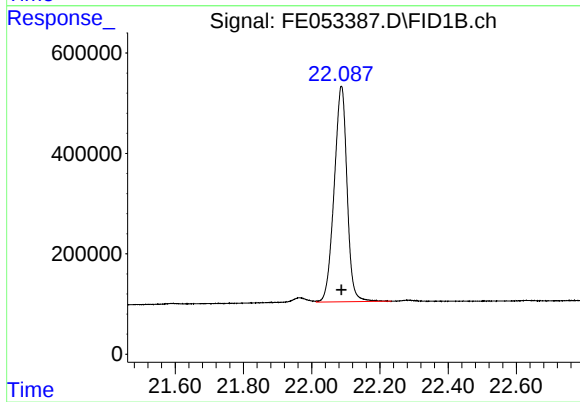
R.T.: 21.171 min
Delta R.T.: 0.000 min
Response: 11353126
Conc: 96.36 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.087 min
Delta R.T.: 0.000 min
Response: 11263225
Conc: 97.10 ug/ml