

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
 Data File : FE057084.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2025 14:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 01 08:06:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.940	5099681	23.239 ug/ml
Spiked Amount 50.000		Recovery =	46.48%
12) S 1-chlorooctadecane (S...	13.378	3884091	23.338 ug/ml
Spiked Amount 50.000		Recovery =	46.68%
Target Compounds			
1) T n-Nonane (C9)	3.299	4547628	23.248 ug/ml
2) T n-Decane (C10)	4.552	4728427	23.378 ug/ml
3) T A~Naphthalene (C11.7)	6.268	4804447	23.864 ug/ml
4) T n-Dodecane (C12)	6.724	4757673	23.311 ug/ml
5) T A~2-methylnaphthalene...	7.367	4533213	23.592 ug/ml
6) T n-Tetradecane (C14)	8.558	4692823	23.315 ug/ml
7) T n-Hexadecane (C16)	10.170	4784266	23.329 ug/ml
8) T n-Octadecane (C18)	11.618	4796645	23.272 ug/ml
10) T n-Eicosane (C20)	12.930	4547471	23.118 ug/ml
11) T n-Heneicosane (C21)	13.544	4450332	23.164 ug/ml
13) T n-Docosane (C22)	14.132	4409790	22.844 ug/ml
14) T n-Tetracosane (C24)	15.238	4363323	22.031 ug/ml
15) T n-Hexacosane (C26)	16.262	4318228	21.766 ug/ml
16) T n-Octacosane (C28)	17.215	4432726	21.570 ug/ml
17) T n-Tricontane (C30)	18.105	4863172	21.669 ug/ml
18) T n-Dotriacontane (C32)	18.940	5061365	21.682 ug/ml
19) T n-Tetratriacontane (C34)	19.725	4752442	22.251 ug/ml
20) T n-Hexatriacontane (C36)	20.467	4183880	22.478 ug/ml
21) T n-Octatriacontane (C38)	21.213	3882468	22.402 ug/ml
22) T n-Tetracontane (C40)	22.145	3786420	22.469 ug/ml

(f)=RT Delta > 1/2 Window

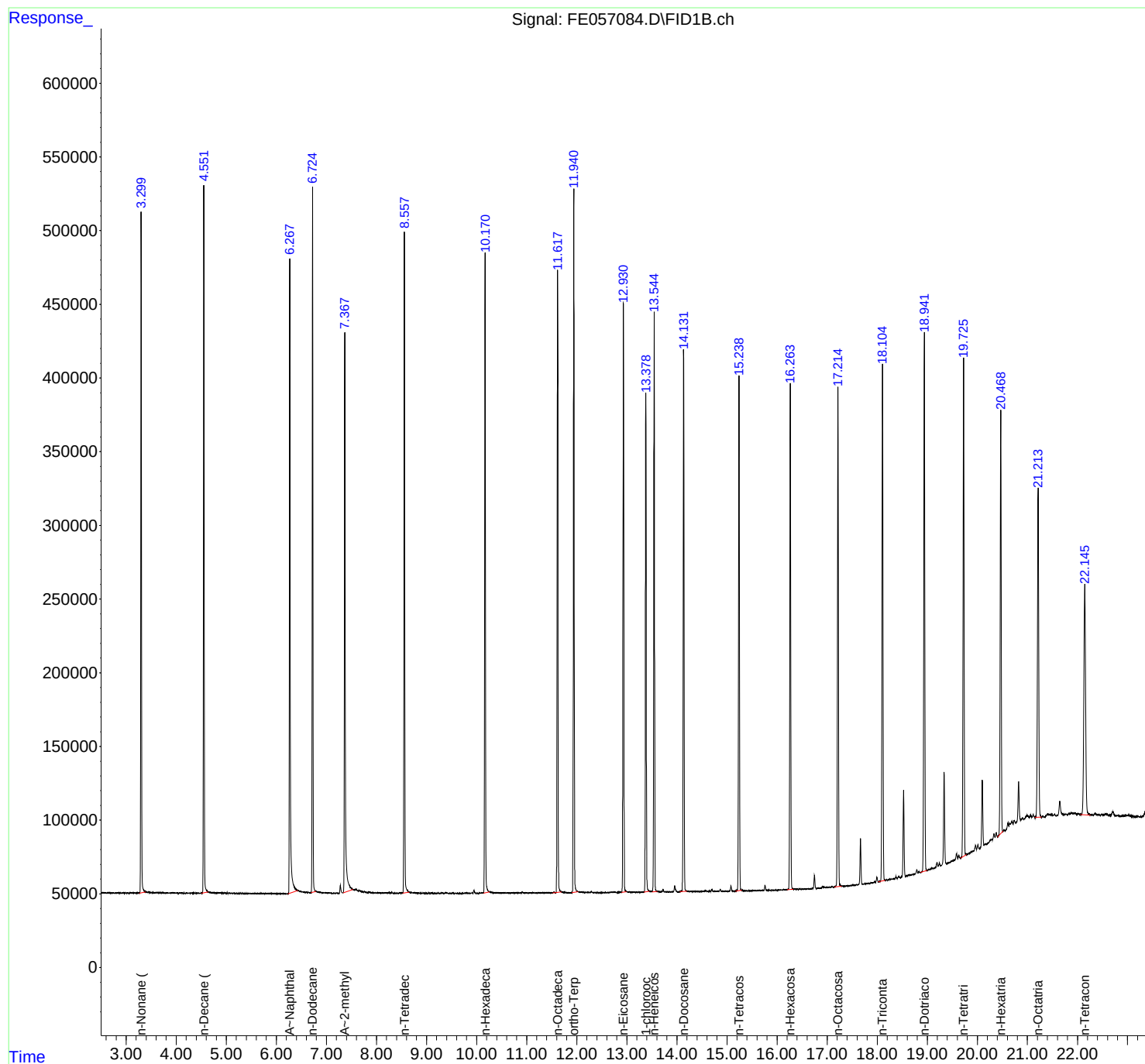
(m)=manual int.

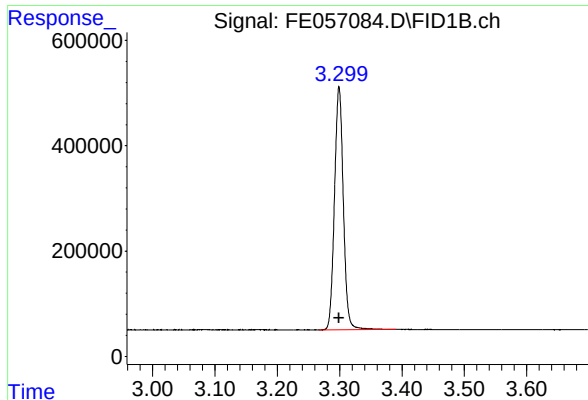
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#1 n-Nonane (C9)

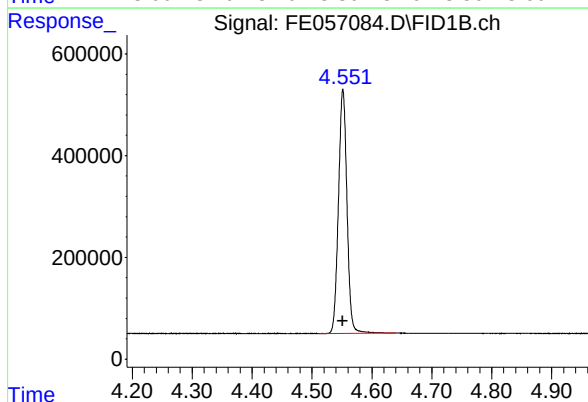
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 4547628
Conc: 23.25 ug/ml

Instrument :

FID_E

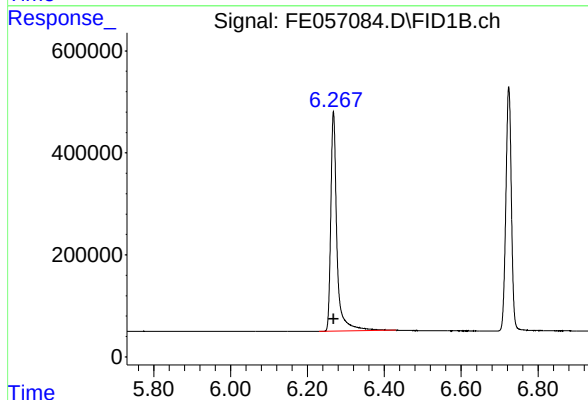
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



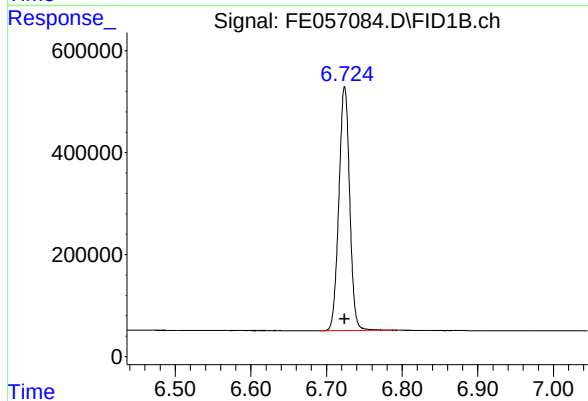
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 4728427
Conc: 23.38 ug/ml



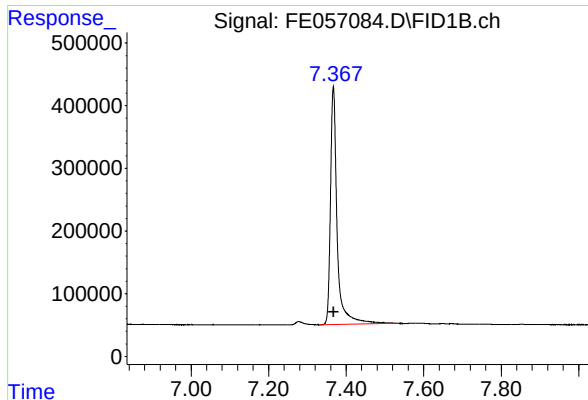
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 4804447
Conc: 23.86 ug/ml



#4 n-Dodecane (C12)

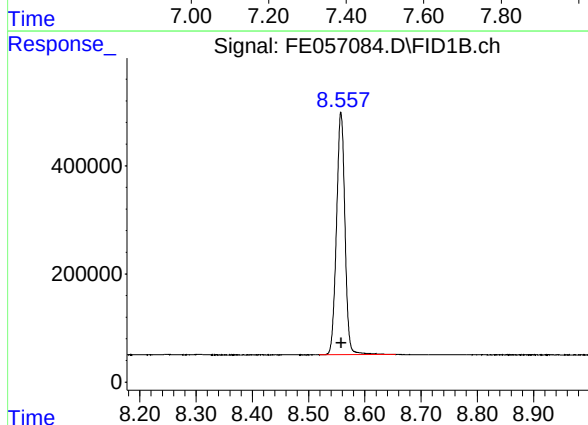
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 4757673
Conc: 23.31 ug/ml



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

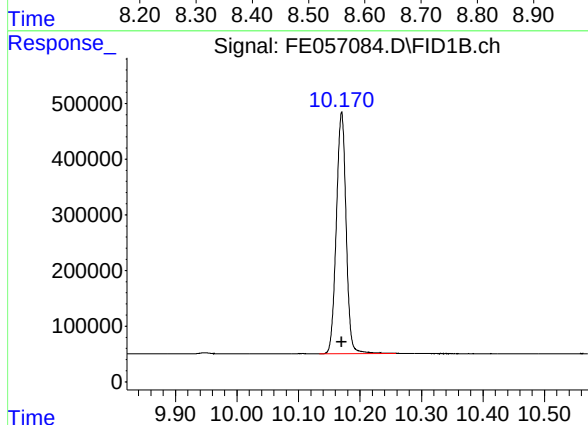
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 4533213
Conc: 23.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



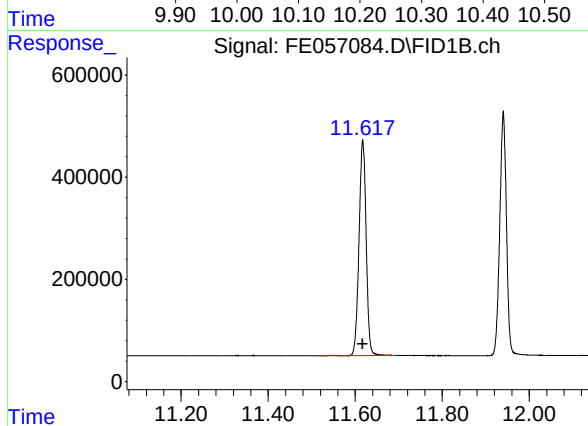
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 4692823
Conc: 23.31 ug/ml



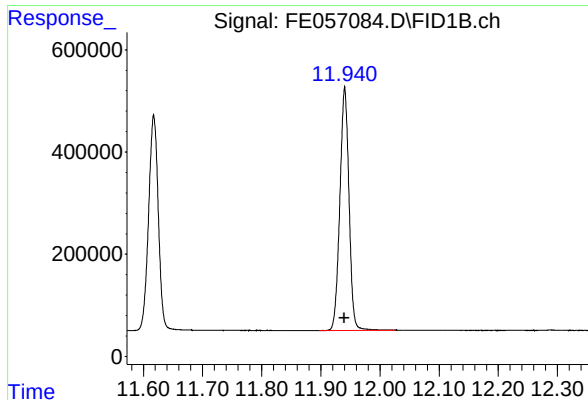
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.000 min
Response: 4784266
Conc: 23.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: 0.000 min
Response: 4796645
Conc: 23.27 ug/ml



#9 ortho-Terphenyl (SURR)

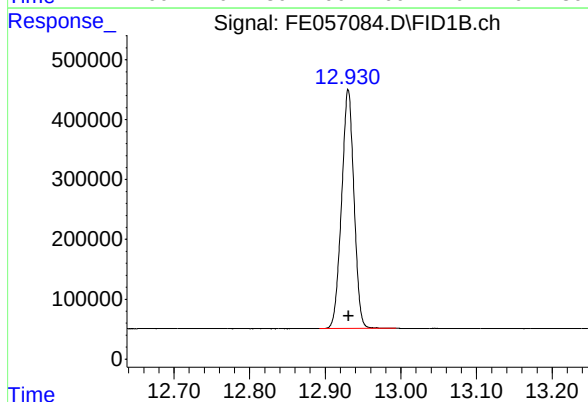
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 5099681
Conc: 23.24 ug/ml

Instrument :

FID_E

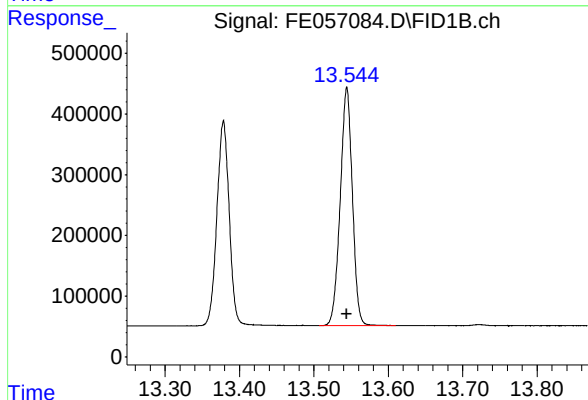
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



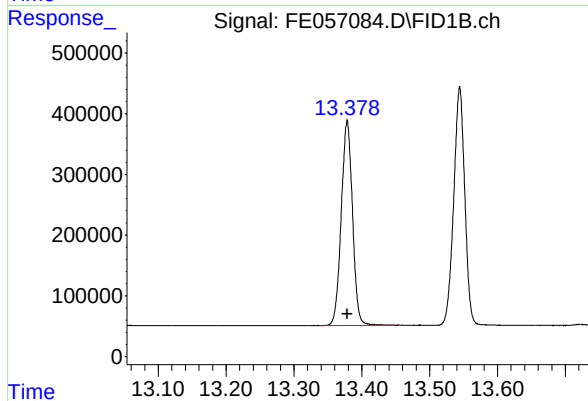
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.000 min
Response: 4547471
Conc: 23.12 ug/ml



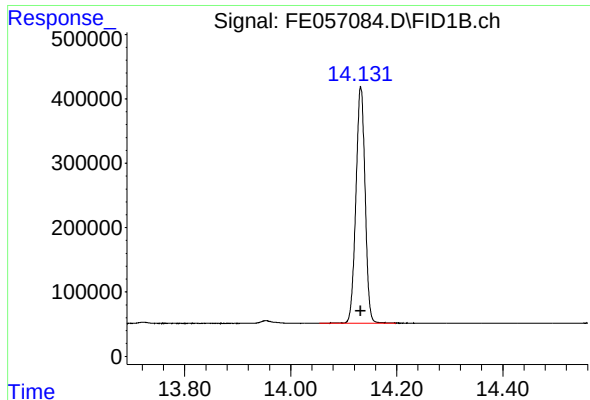
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 4450332
Conc: 23.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 3884091
Conc: 23.34 ug/ml



#13 n-Docosane (C22)

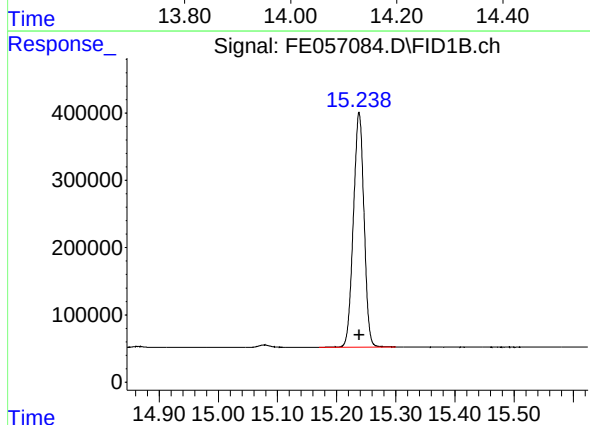
R.T.: 14.132 min
Delta R.T.: 0.000 min
Response: 4409790
Conc: 22.84 ug/ml

Instrument :

FID_E

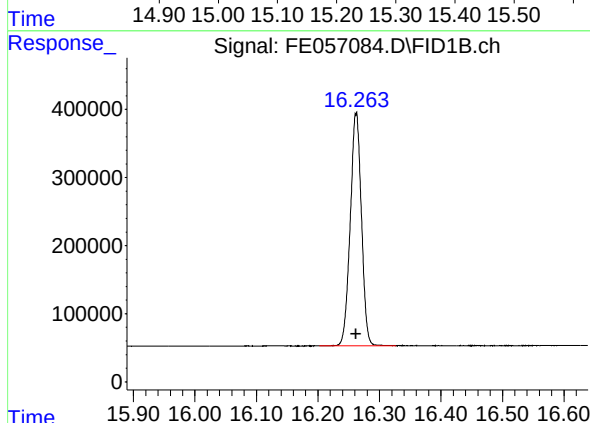
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



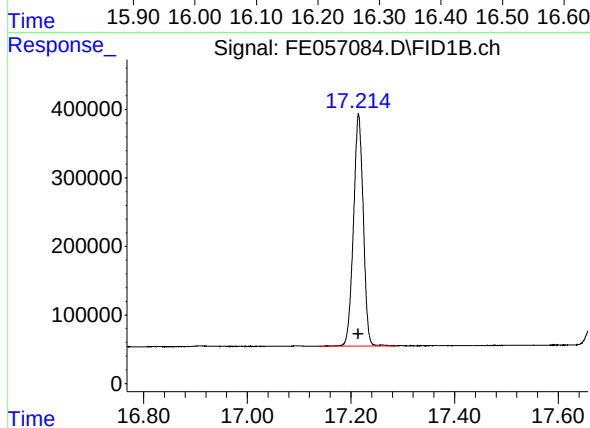
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 4363323
Conc: 22.03 ug/ml



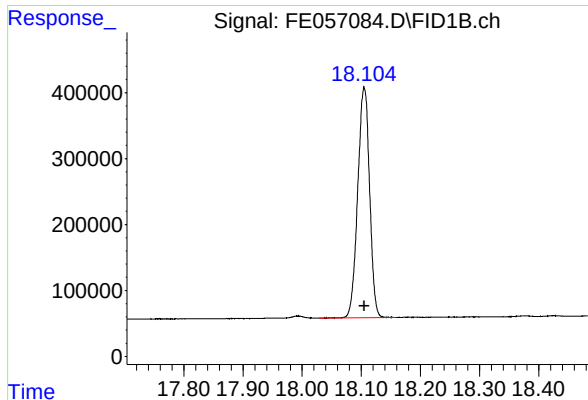
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.000 min
Response: 4318228
Conc: 21.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: 0.000 min
Response: 4432726
Conc: 21.57 ug/ml



#17 n-Tricontane (C30)

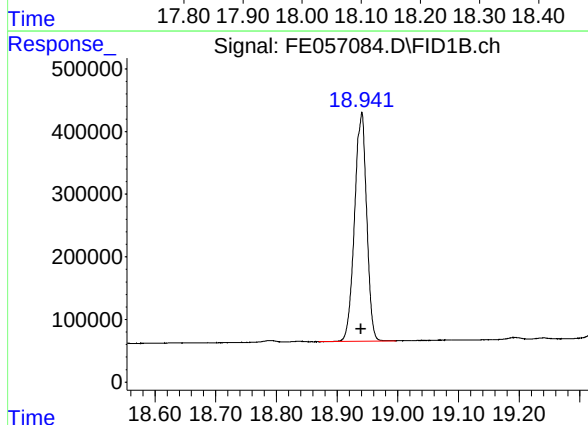
R.T.: 18.105 min
Delta R.T.: 0.000 min
Response: 4863172
Conc: 21.67 ug/ml

Instrument :

FID_E

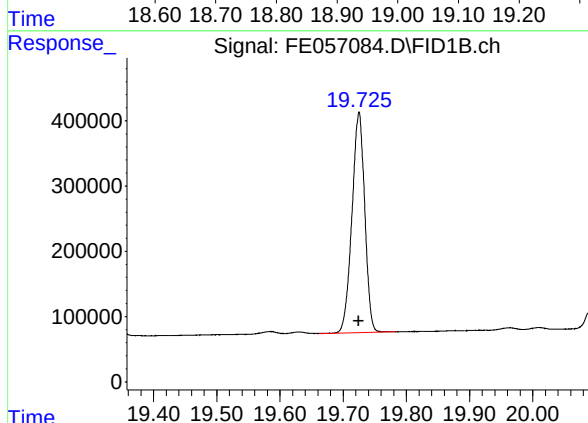
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



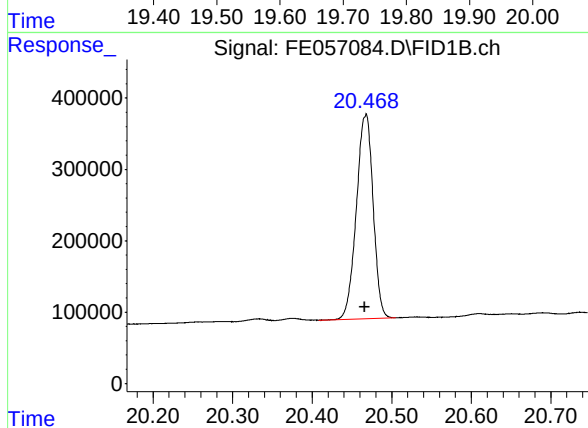
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.000 min
Response: 5061365
Conc: 21.68 ug/ml



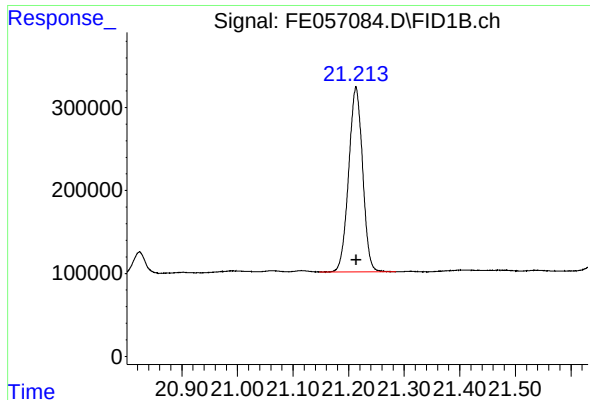
#19 n-Tetatriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.000 min
Response: 4752442
Conc: 22.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.001 min
Response: 4183880
Conc: 22.48 ug/ml



#21 n-Octatriacontane (C38)

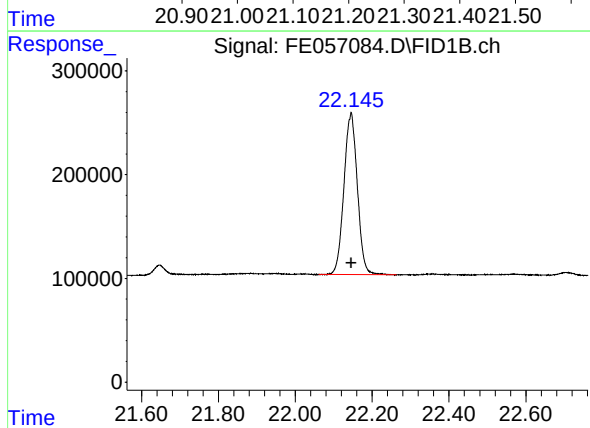
R.T.: 21.213 min
Delta R.T.: 0.000 min
Response: 3882468
Conc: 22.40 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: -0.001 min
Response: 3786420
Conc: 22.47 ug/ml