

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121525AL\
 Data File : FE057343.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2025 19:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Dec 16 03:39:32 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)	11.928	4792434	21.839 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
12) S 1-chlorooctadecane (S...	13.366	3622689	21.767 ug/ml
Spiked Amount 50.000		Recovery =	43.53%
Target Compounds			
1) T n-Nonane (C9)	3.289	4031071	20.608 ug/ml
2) T n-Decane (C10)	4.542	4461849	22.060 ug/ml
3) T A~Naphthalene (C11.7)	6.259	4427509	21.991 ug/ml
4) T n-Dodecane (C12)	6.714	4531608	22.203 ug/ml
5) T A~2-methylnaphthalene...	7.359	4185513	21.782 ug/ml
6) T n-Tetradecane (C14)	8.547	4411450	21.917 ug/ml
7) T n-Hexadecane (C16)	10.159	4467506	21.785 ug/ml
8) T n-Octadecane (C18)	11.606	4478580	21.729 ug/ml
10) T n-Eicosane (C20)	12.919	4257353	21.643 ug/ml
11) T n-Heneicosane (C21)	13.532	4157748	21.641 ug/ml
13) T n-Docosane (C22)	14.119	4139311	21.443 ug/ml
14) T n-Tetracosane (C24)	15.225	4119673	20.800 ug/ml
15) T n-Hexacosane (C26)	16.248	4067076	20.500 ug/ml
16) T n-Octacosane (C28)	17.201	4173798	20.310 ug/ml
17) T n-Tricontane (C30)	18.090	4530311	20.186 ug/ml
18) T n-Dotriacontane (C32)	18.925	4692770	20.103 ug/ml
19) T n-Tetratriacontane (C34)	19.711	4485196	20.999 ug/ml
20) T n-Hexatriacontane (C36)	20.452	3980899	21.388 ug/ml
21) T n-Octatriacontane (C38)	21.197	3641743	21.013 ug/ml
22) T n-Tetracontane (C40)	22.123	3453382	20.493 ug/ml

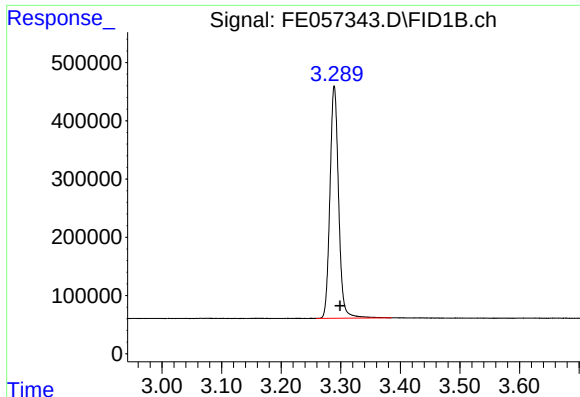
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

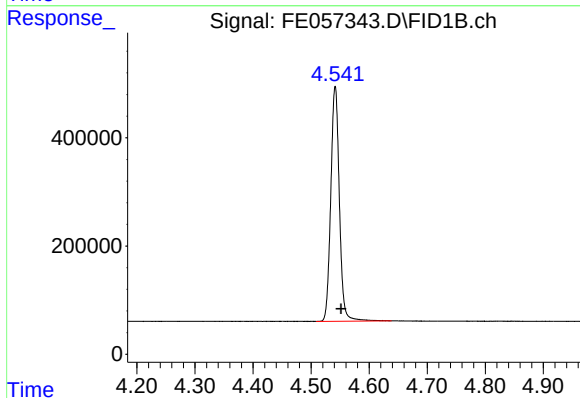




#1 n-Nonane (C9)

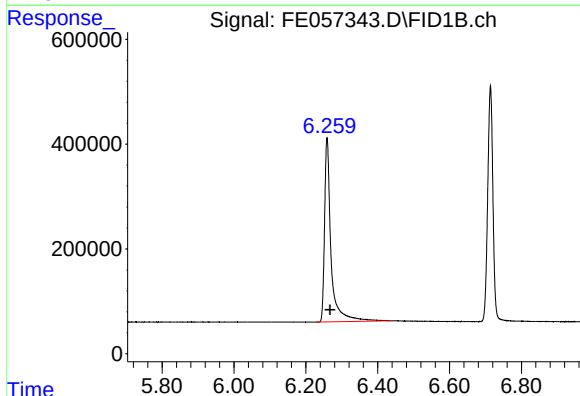
R.T.: 3.289 min
Delta R.T.: -0.010 min
Response: 4031071
Conc: 20.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



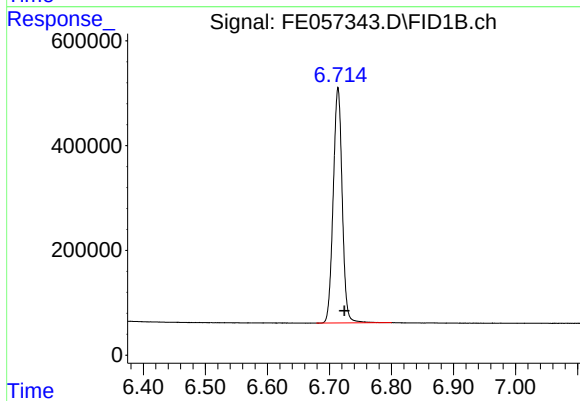
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.010 min
Response: 4461849
Conc: 22.06 ug/ml



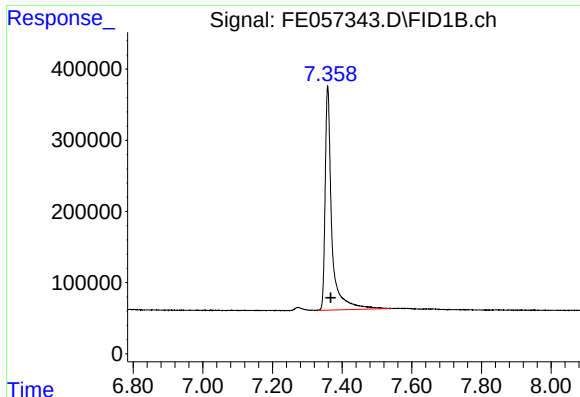
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.009 min
Response: 4427509
Conc: 21.99 ug/ml



#4 n-Dodecane (C12)

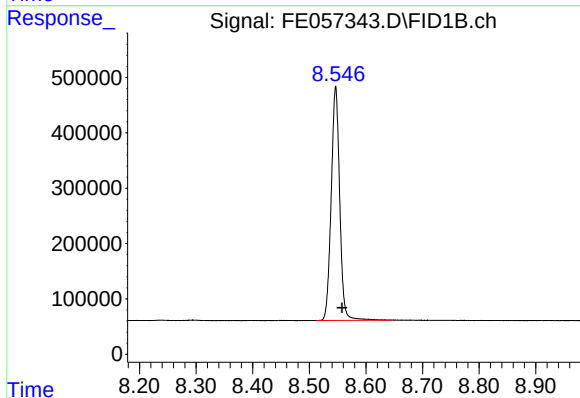
R.T.: 6.714 min
Delta R.T.: -0.010 min
Response: 4531608
Conc: 22.20 ug/ml



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

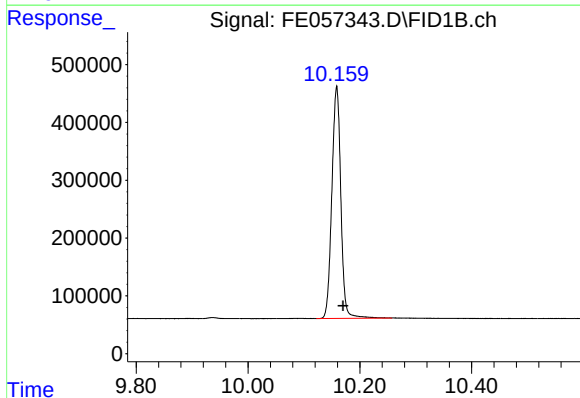
R.T.: 7.359 min
Delta R.T.: -0.009 min
Response: 4185513
Conc: 21.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



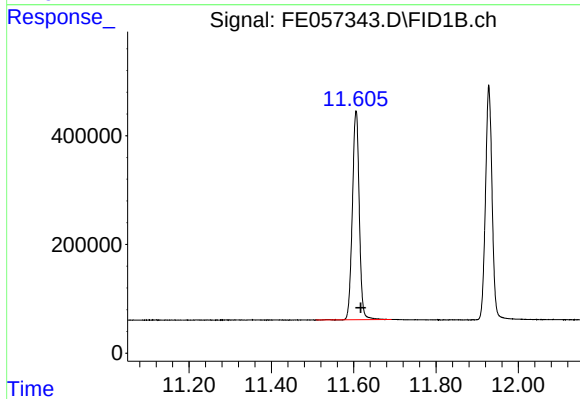
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: -0.011 min
Response: 4411450
Conc: 21.92 ug/ml



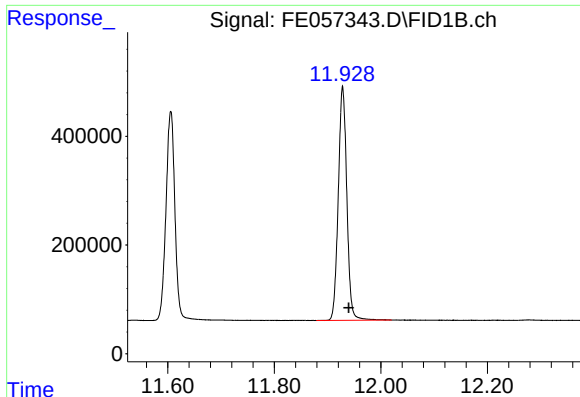
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.011 min
Response: 4467506
Conc: 21.78 ug/ml



#8 n-Octadecane (C18)

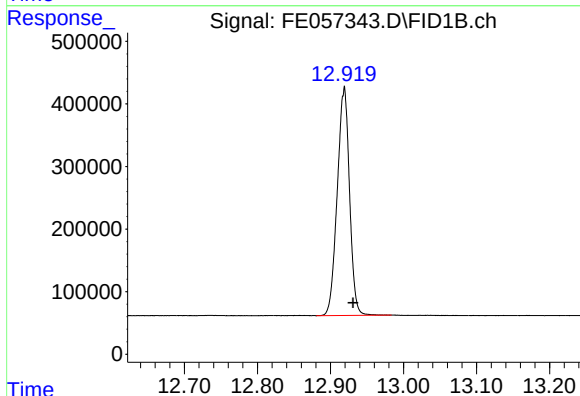
R.T.: 11.606 min
Delta R.T.: -0.011 min
Response: 4478580
Conc: 21.73 ug/ml



#9 ortho-Terphenyl (SURR)

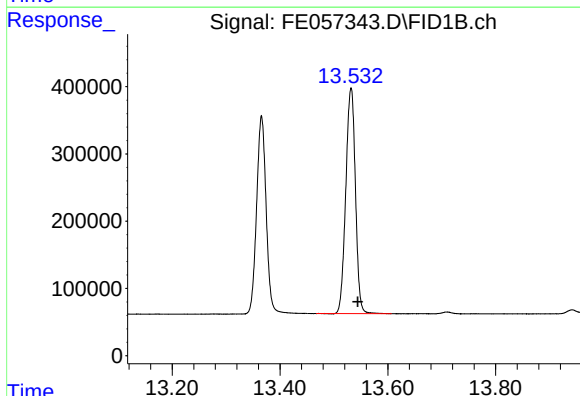
R.T.: 11.928 min
Delta R.T.: -0.011 min
Response: 4792434
Conc: 21.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



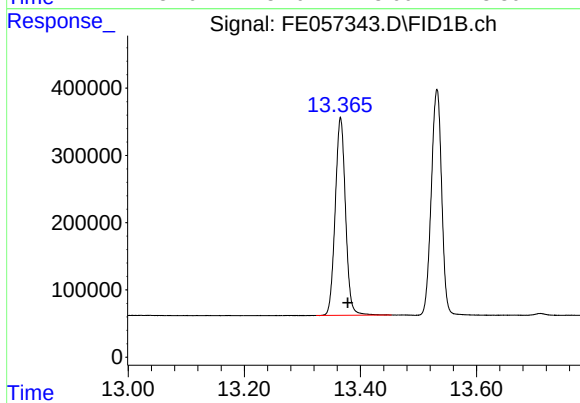
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.012 min
Response: 4257353
Conc: 21.64 ug/ml



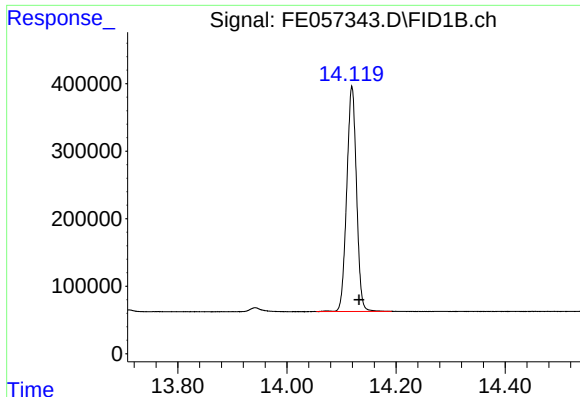
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.012 min
Response: 4157748
Conc: 21.64 ug/ml



#12 1-chlorooctadecane (SURR)

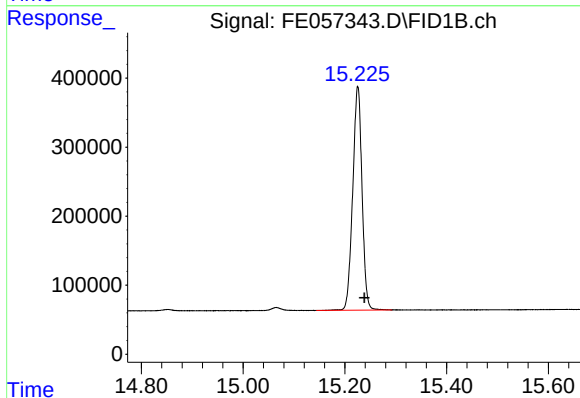
R.T.: 13.366 min
Delta R.T.: -0.013 min
Response: 3622689
Conc: 21.77 ug/ml



#13 n-Docosane (C22)

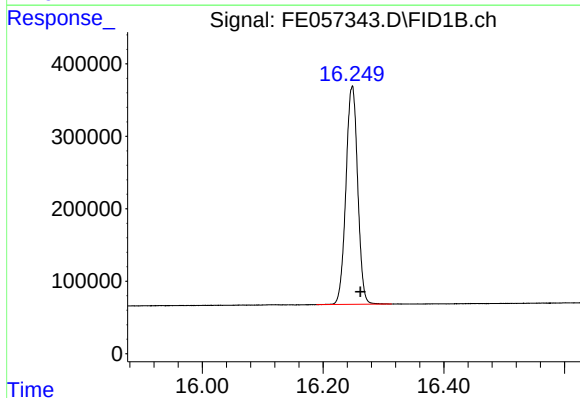
R.T.: 14.119 min
Delta R.T.: -0.013 min
Response: 4139311
Conc: 21.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



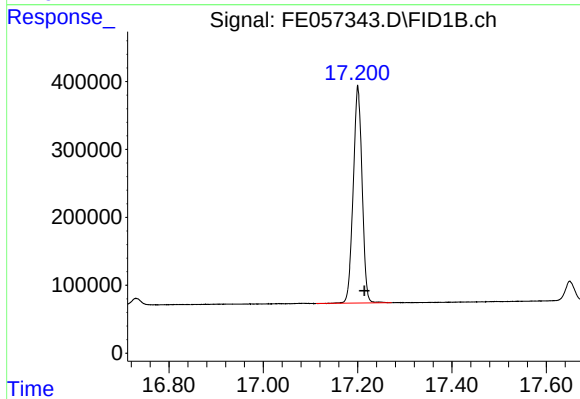
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.013 min
Response: 4119673
Conc: 20.80 ug/ml



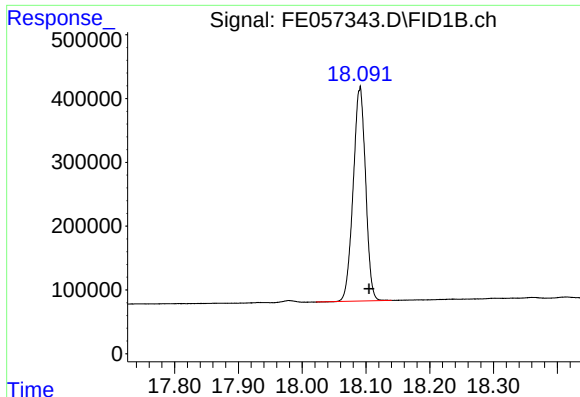
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.014 min
Response: 4067076
Conc: 20.50 ug/ml



#16 n-Octacosane (C28)

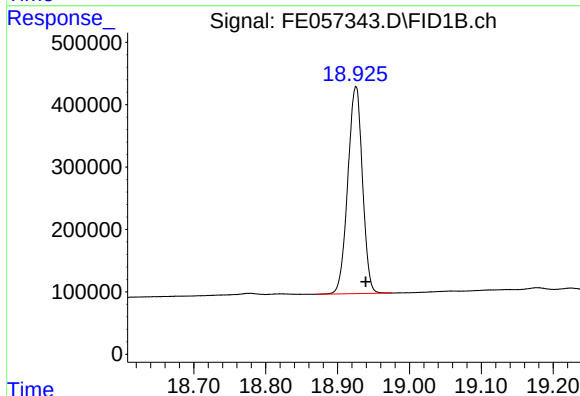
R.T.: 17.201 min
Delta R.T.: -0.014 min
Response: 4173798
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

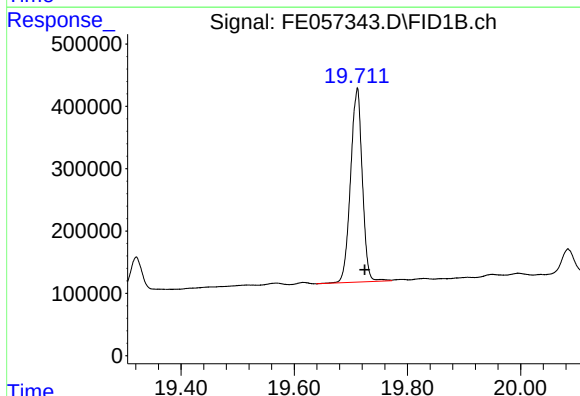
R.T.: 18.090 min
Delta R.T.: -0.015 min
Response: 4530311
Conc: 20.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



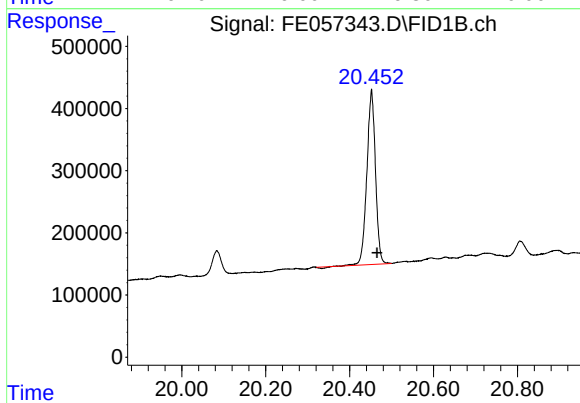
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.014 min
Response: 4692770
Conc: 20.10 ug/ml



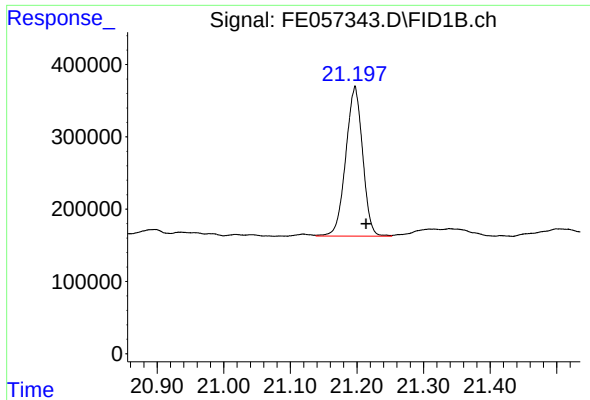
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.014 min
Response: 4485196
Conc: 21.00 ug/ml



#20 n-Hexatriacontane (C36)

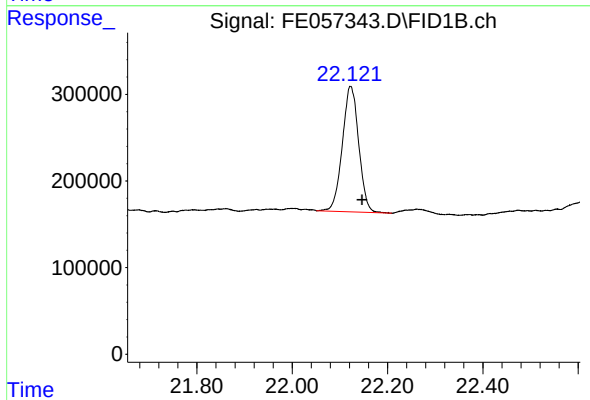
R.T.: 20.452 min
Delta R.T.: -0.014 min
Response: 3980899
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.017 min
Response: 3641743
Conc: 21.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.024 min
Response: 3453382
Conc: 20.49 ug/ml