

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121025AL\
 Data File : FE057274.D
 Signal(s) : FID1B.ch
 Acq On : 10 Dec 2025 08:18
 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: autoint1.e
 Quant Time: Dec 11 02:57:59 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)	11.933	4872915	22.206 ug/ml
Spiked Amount 50.000		Recovery =	44.41%
12) S 1-chlorooctadecane (S...	13.371	3691620	22.182 ug/ml
Spiked Amount 50.000		Recovery =	44.36%
Target Compounds			
1) T n-Nonane (C9)	3.289	4256644	21.761 ug/ml
2) T n-Decane (C10)	4.542	4467146	22.086 ug/ml
3) T A~Naphthalene (C11.7)	6.261	4529702	22.499 ug/ml
4) T n-Dodecane (C12)	6.716	4569647	22.390 ug/ml
5) T A~2-methylnaphthalene...	7.361	4267803	22.211 ug/ml
6) T n-Tetradecane (C14)	8.549	4513156	22.422 ug/ml
7) T n-Hexadecane (C16)	10.162	4578287	22.325 ug/ml
8) T n-Octadecane (C18)	11.610	4586925	22.254 ug/ml
10) T n-Eicosane (C20)	12.922	4339305	22.059 ug/ml
11) T n-Heneicosane (C21)	13.536	4235961	22.048 ug/ml
13) T n-Docosane (C22)	14.124	4195368	21.733 ug/ml
14) T n-Tetracosane (C24)	15.229	4143478	20.921 ug/ml
15) T n-Hexacosane (C26)	16.254	4071940	20.525 ug/ml
16) T n-Octacosane (C28)	17.206	4064078	19.777 ug/ml
17) T n-Tricontane (C30)	18.096	4209648	18.757 ug/ml
18) T n-Dotriacontane (C32)	18.931	4176986	17.894 ug/ml
19) T n-Tetratriacontane (C34)	19.716	3984231	18.654 ug/ml
20) T n-Hexatriacontane (C36)	20.458	3666318	19.698 ug/ml
21) T n-Octatriacontane (C38)	21.205	3504479	20.221 ug/ml
22) T n-Tetracontane (C40)	22.135	3589459	21.301 ug/ml

(f)=RT Delta > 1/2 Window

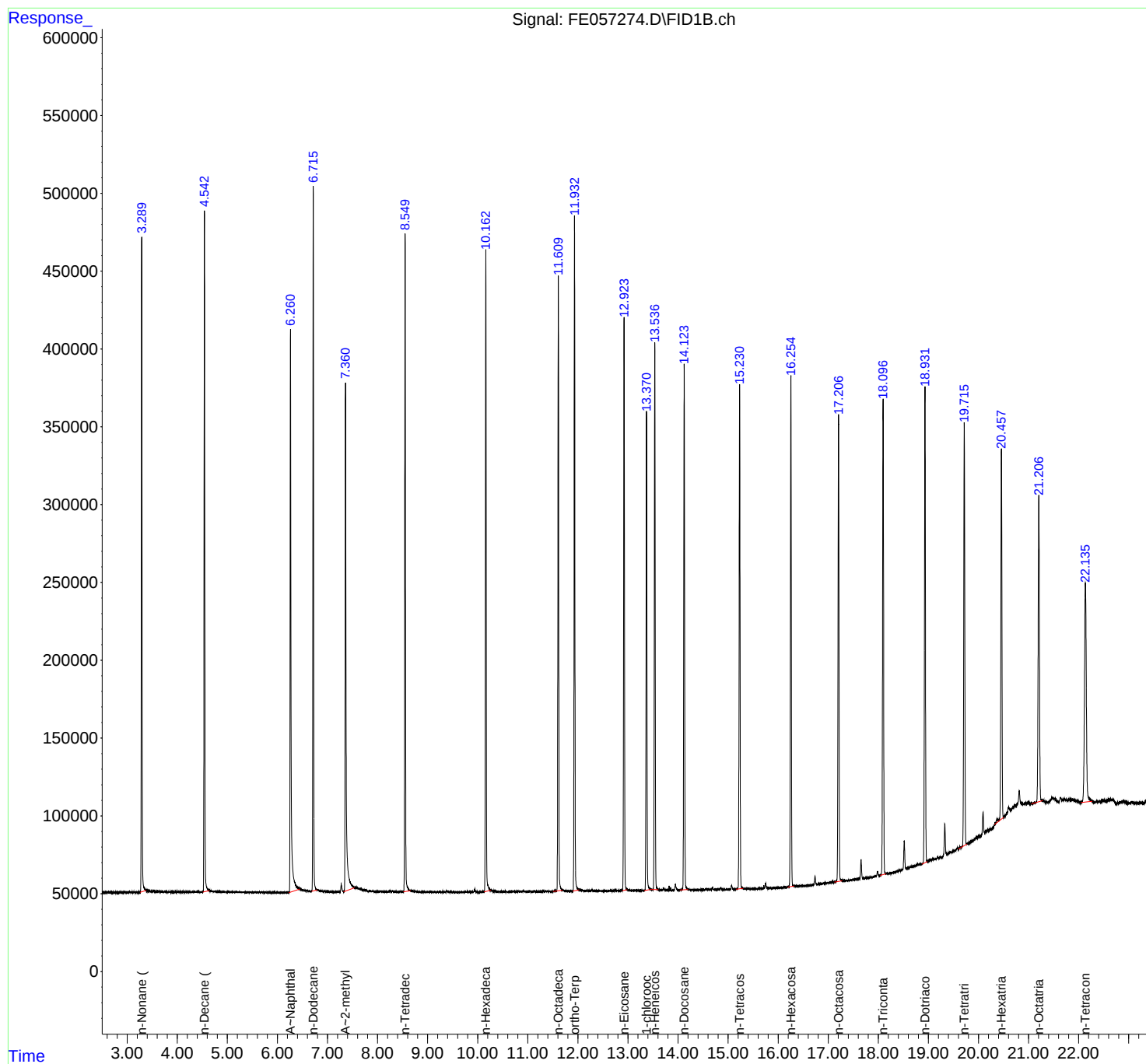
(m)=manual int.

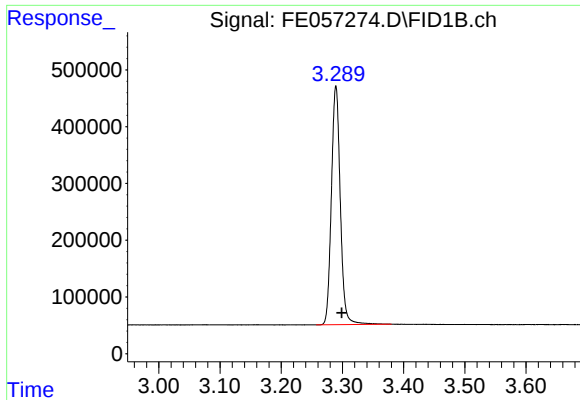
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121025AL\
Data File : FE057274.D
Signal(s) : FID1B.ch
Acq On : 10 Dec 2025 08:18
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Dec 11 02:57:59 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

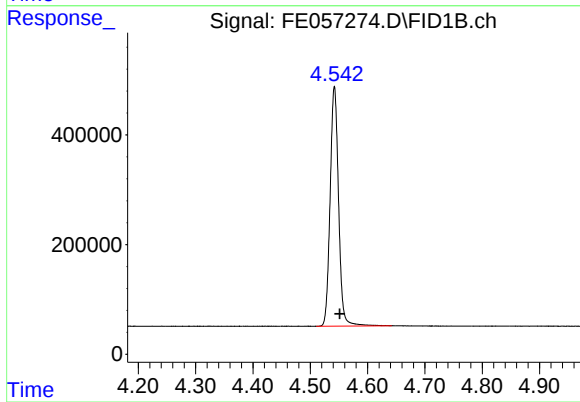




#1 n-Nonane (C9)

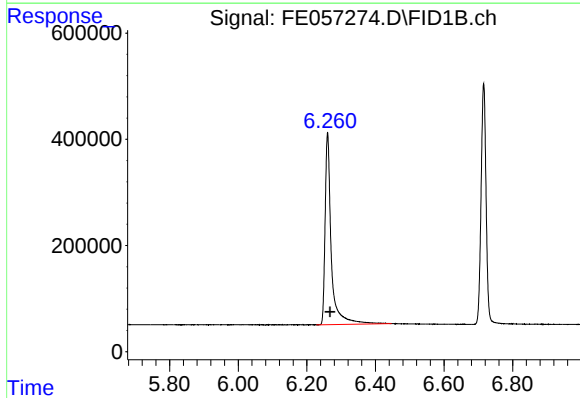
R.T.: 3.289 min
Delta R.T.: -0.010 min
Response: 4256644
Conc: 21.76 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



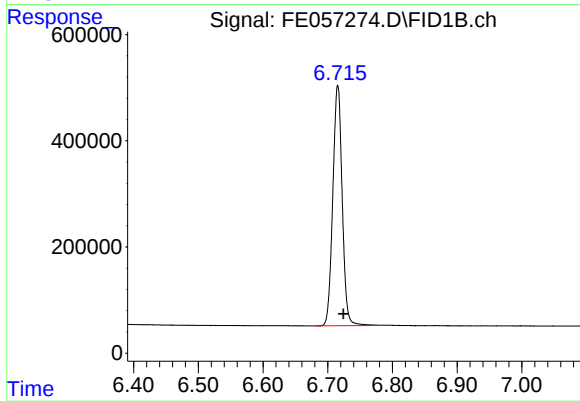
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.009 min
Response: 4467146
Conc: 22.09 ug/ml



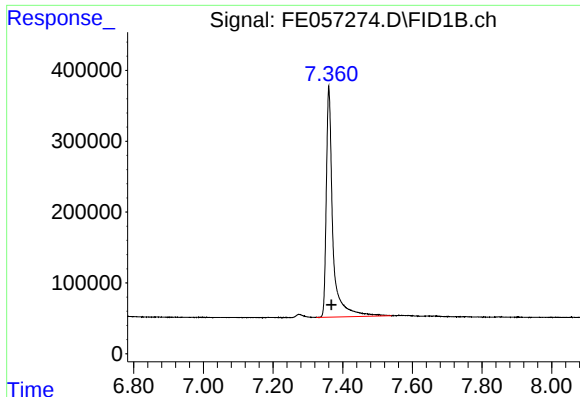
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 4529702
Conc: 22.50 ug/ml



#4 n-Dodecane (C12)

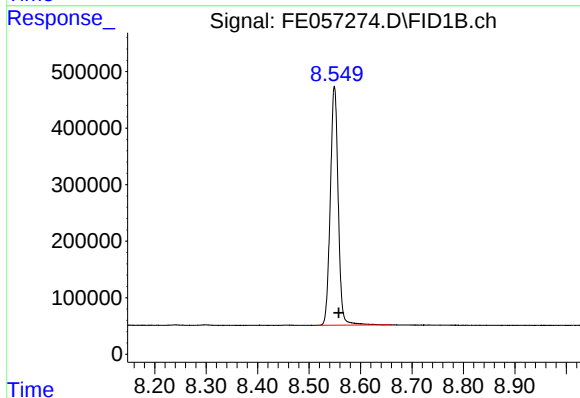
R.T.: 6.716 min
Delta R.T.: -0.009 min
Response: 4569647
Conc: 22.39 ug/ml



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

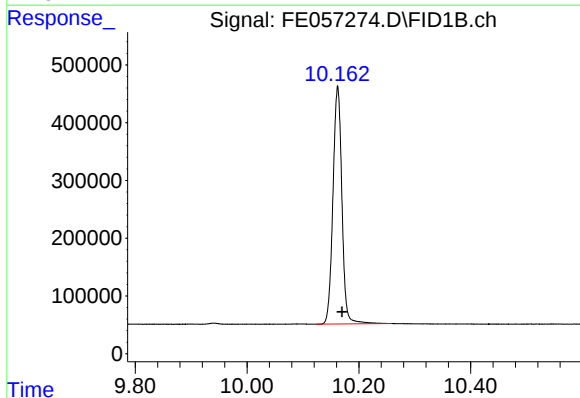
R.T.: 7.361 min
Delta R.T.: -0.007 min
Response: 4267803
Conc: 22.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



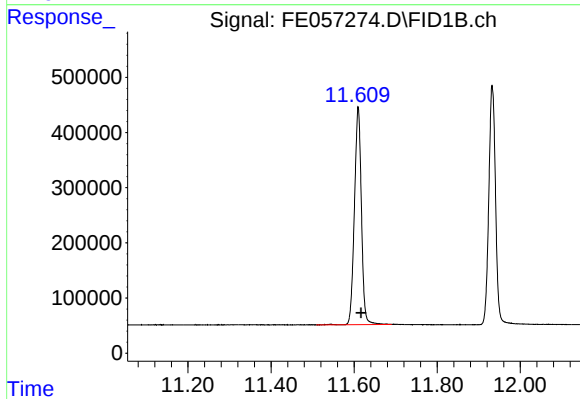
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.008 min
Response: 4513156
Conc: 22.42 ug/ml



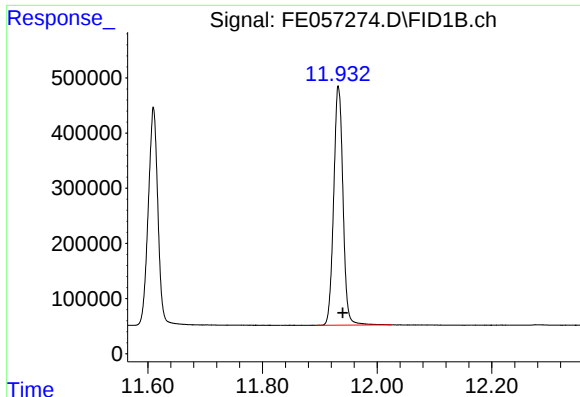
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 4578287
Conc: 22.32 ug/ml



#8 n-Octadecane (C18)

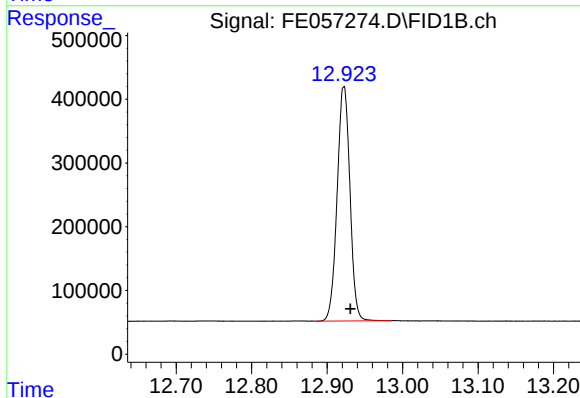
R.T.: 11.610 min
Delta R.T.: -0.007 min
Response: 4586925
Conc: 22.25 ug/ml



#9 ortho-Terphenyl (SURR)

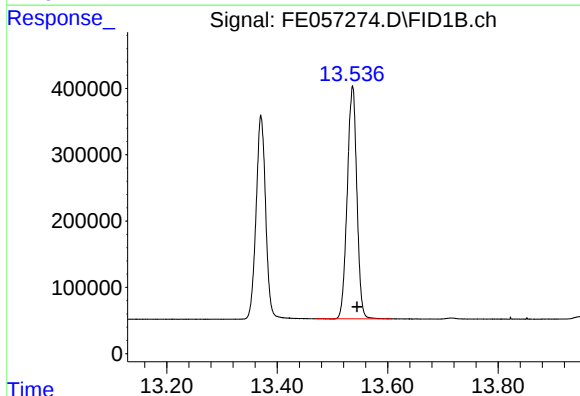
R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 4872915
Conc: 22.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



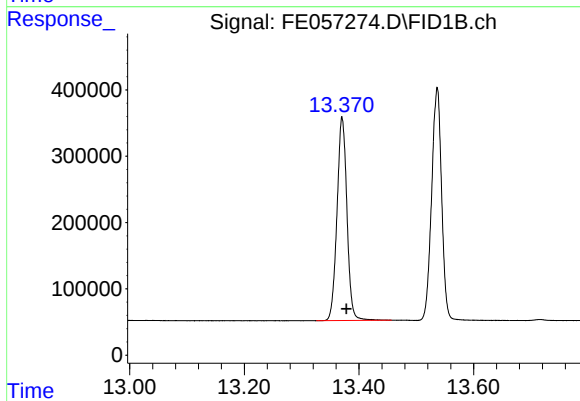
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.008 min
Response: 4339305
Conc: 22.06 ug/ml



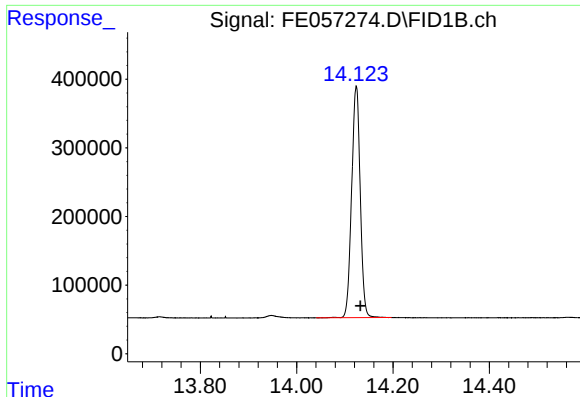
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.008 min
Response: 4235961
Conc: 22.05 ug/ml



#12 1-chlorooctadecane (SURR)

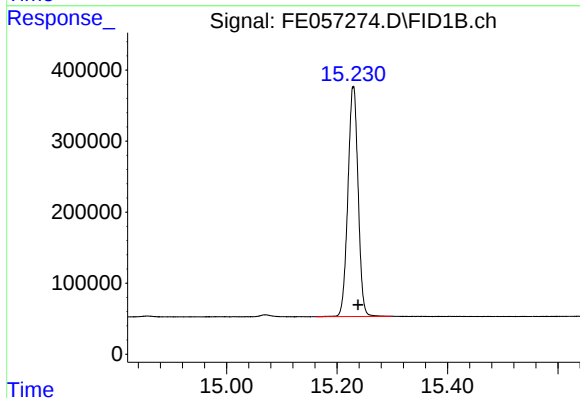
R.T.: 13.371 min
Delta R.T.: -0.008 min
Response: 3691620
Conc: 22.18 ug/ml



#13 n-Docosane (C22)

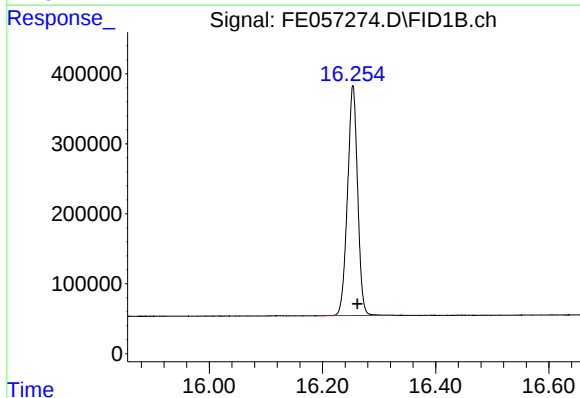
R.T.: 14.124 min
Delta R.T.: -0.009 min
Response: 4195368
Conc: 21.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



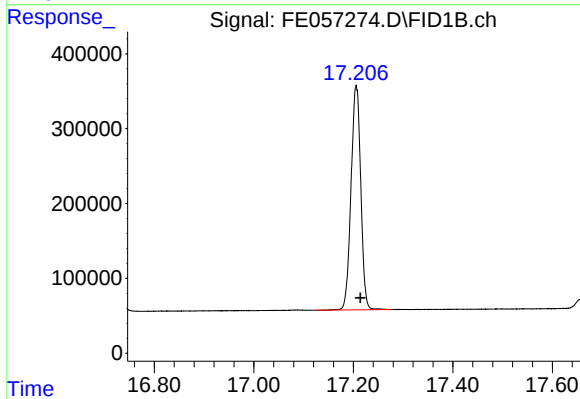
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.009 min
Response: 4143478
Conc: 20.92 ug/ml



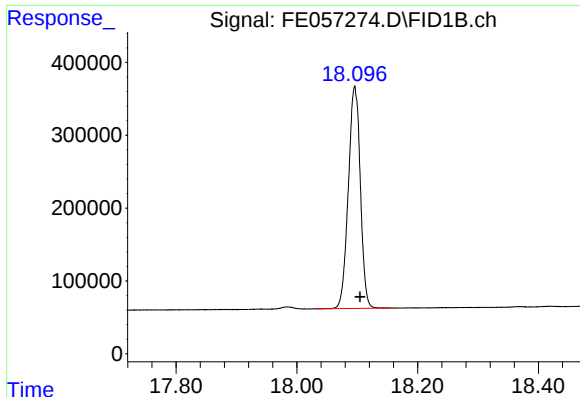
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.008 min
Response: 4071940
Conc: 20.52 ug/ml



#16 n-Octacosane (C28)

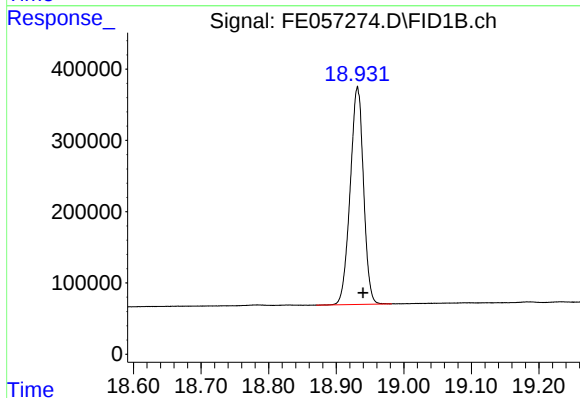
R.T.: 17.206 min
Delta R.T.: -0.008 min
Response: 4064078
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

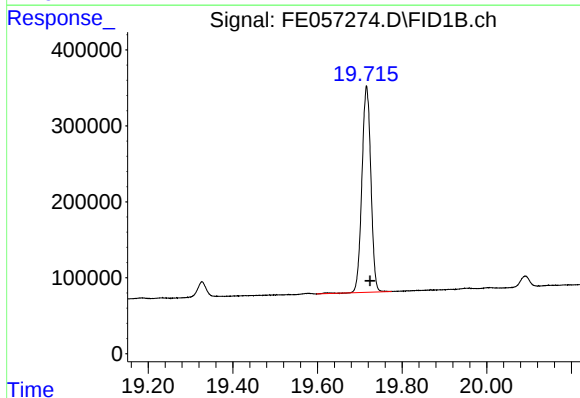
R.T.: 18.096 min
Delta R.T.: -0.009 min
Response: 4209648
Conc: 18.76 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



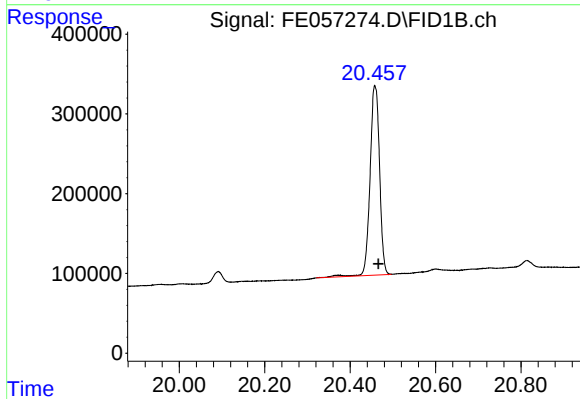
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.008 min
Response: 4176986
Conc: 17.89 ug/ml



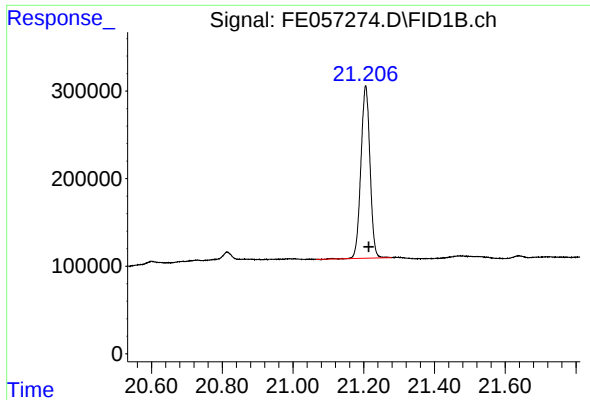
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.008 min
Response: 3984231
Conc: 18.65 ug/ml



#20 n-Hexatriacontane (C36)

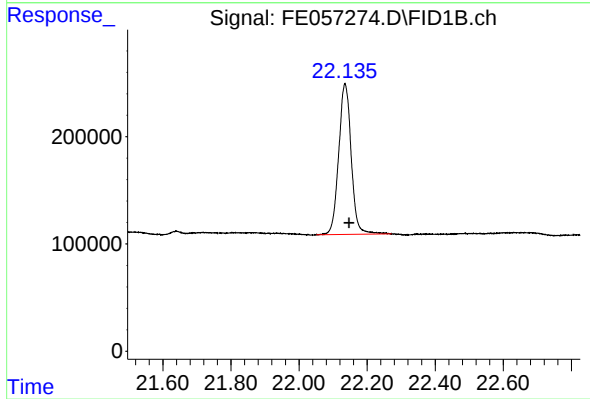
R.T.: 20.458 min
Delta R.T.: -0.008 min
Response: 3666318
Conc: 19.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.008 min
Response: 3504479
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.135 min
Delta R.T.: -0.012 min
Response: 3589459
Conc: 21.30 ug/ml