

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120825AL\
 Data File : FE057234.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 06:47
 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 09 07:27:24 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)	11.932	4395439	20.030 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	13.369	3323178	19.968 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T n-Nonane (C9)	3.291	3916958	20.024 ug/ml
2) T n-Decane (C10)	4.544	4067537	20.111 ug/ml
3) T A~Naphthalene (C11.7)	6.262	4073923	20.235 ug/ml
4) T n-Dodecane (C12)	6.717	4141499	20.292 ug/ml
5) T A~2-methylnaphthalene...	7.362	3826259	19.913 ug/ml
6) T n-Tetradecane (C14)	8.550	4078149	20.261 ug/ml
7) T n-Hexadecane (C16)	10.162	4137726	20.177 ug/ml
8) T n-Octadecane (C18)	11.609	4141137	20.092 ug/ml
10) T n-Eicosane (C20)	12.921	3916257	19.909 ug/ml
11) T n-Heneicosane (C21)	13.535	3821346	19.890 ug/ml
13) T n-Docosane (C22)	14.122	3773138	19.546 ug/ml
14) T n-Tetracosane (C24)	15.228	3724753	18.806 ug/ml
15) T n-Hexacosane (C26)	16.252	3669620	18.497 ug/ml
16) T n-Octacosane (C28)	17.203	3671435	17.866 ug/ml
17) T n-Tricontane (C30)	18.094	3799479	16.930 ug/ml
18) T n-Dotriacontane (C32)	18.928	3770068	16.150 ug/ml
19) T n-Tetratriacontane (C34)	19.714	3536213	16.556 ug/ml
20) T n-Hexatriacontane (C36)	20.456	3266926	17.552 ug/ml
21) T n-Octatriacontane (C38)	21.201	3103006	17.905 ug/ml
22) T n-Tetracontane (C40)	22.128	3067896	18.206 ug/ml

(f)=RT Delta > 1/2 Window

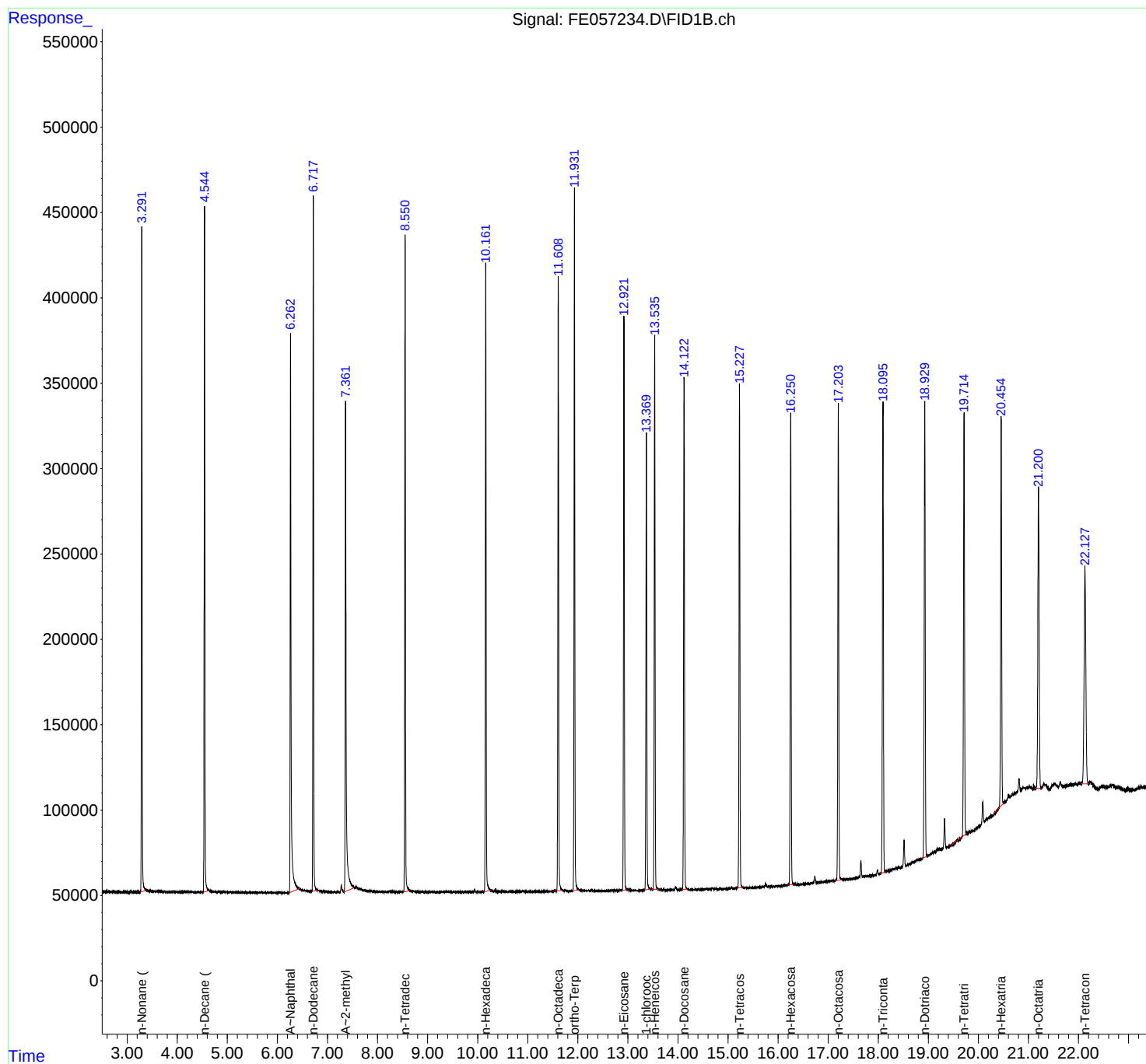
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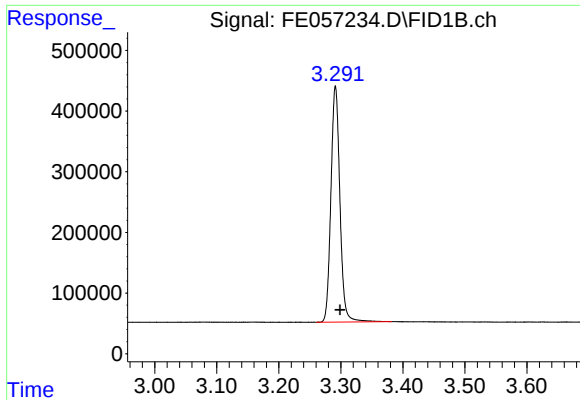
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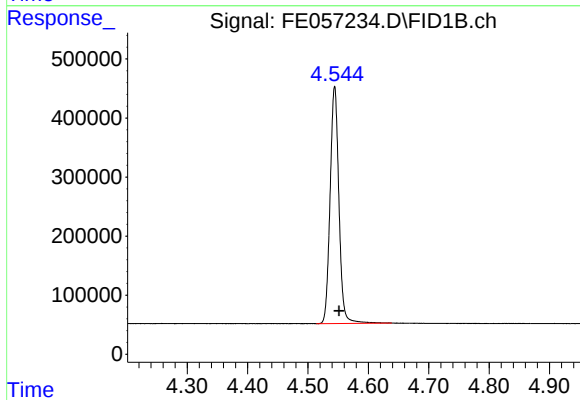




#1 n-Nonane (C9)

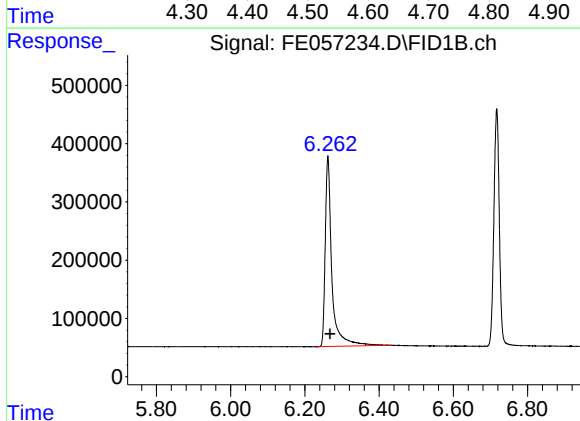
R.T.: 3.291 min
Delta R.T.: -0.008 min
Response: 3916958
Conc: 20.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



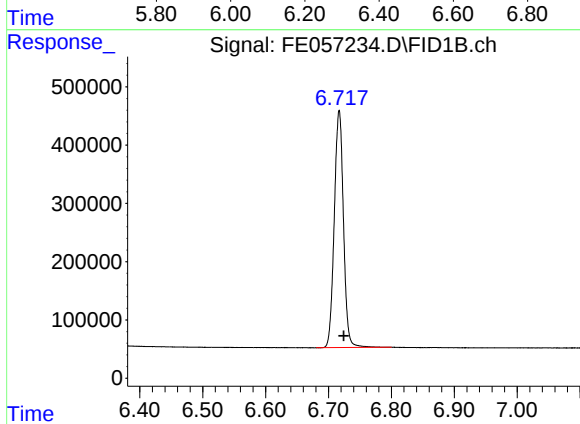
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.007 min
Response: 4067537
Conc: 20.11 ug/ml



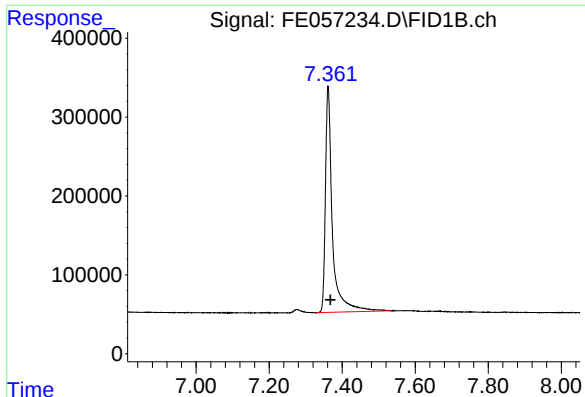
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.006 min
Response: 4073923
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

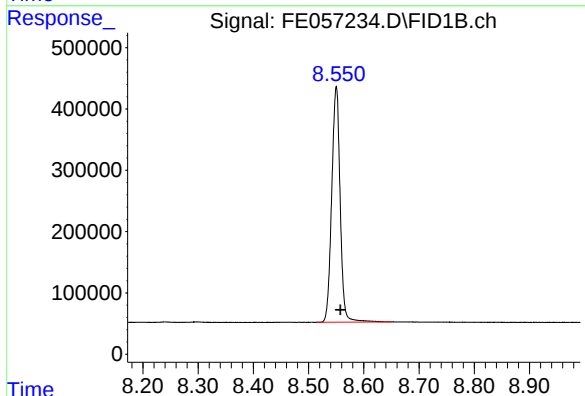
R.T.: 6.717 min
Delta R.T.: -0.007 min
Response: 4141499
Conc: 20.29 ug/ml



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

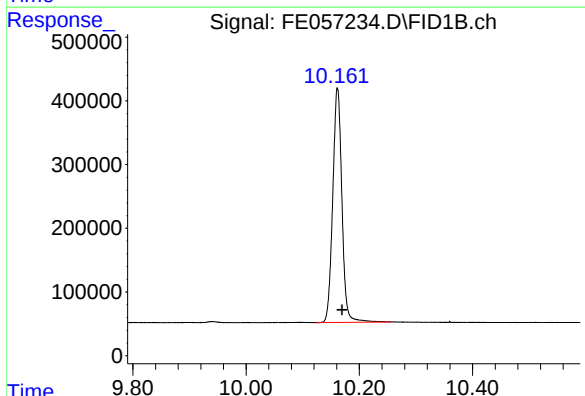
R.T.: 7.362 min
Delta R.T.: -0.006 min
Response: 3826259
Conc: 19.91 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



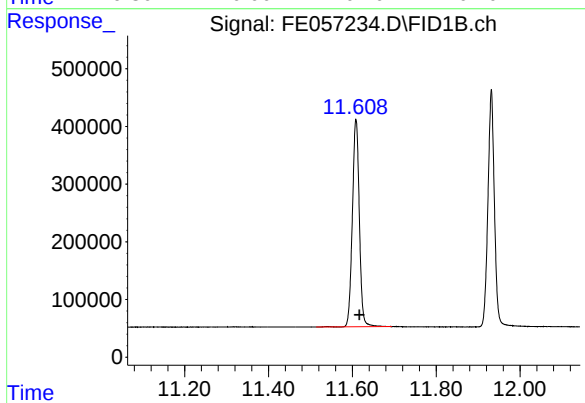
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.008 min
Response: 4078149
Conc: 20.26 ug/ml



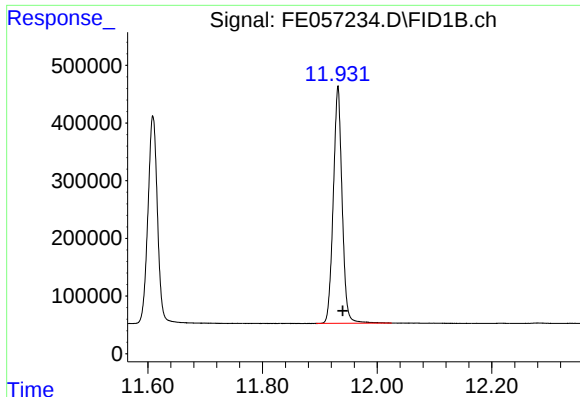
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 4137726
Conc: 20.18 ug/ml



#8 n-Octadecane (C18)

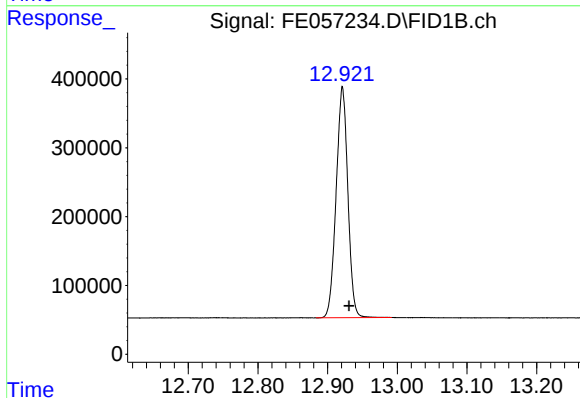
R.T.: 11.609 min
Delta R.T.: -0.008 min
Response: 4141137
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

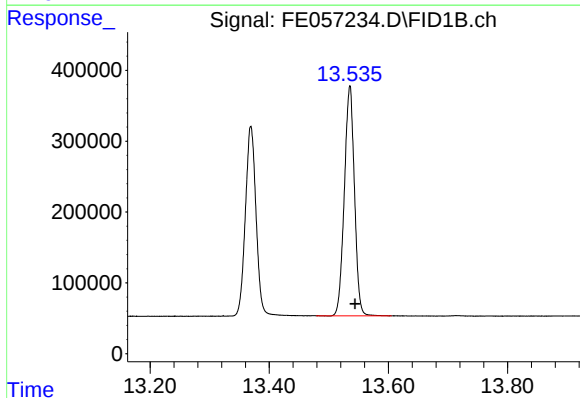
R.T.: 11.932 min
Delta R.T.: -0.008 min
Response: 4395439
Conc: 20.03 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



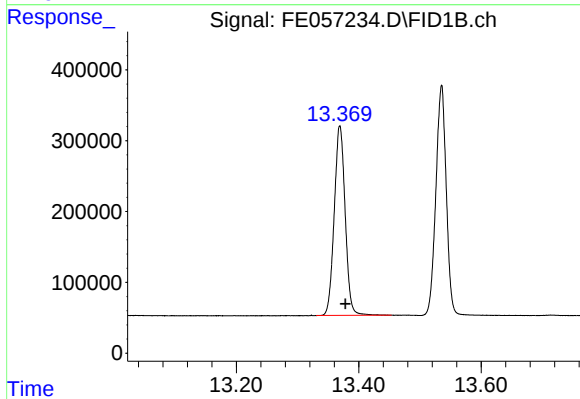
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.009 min
Response: 3916257
Conc: 19.91 ug/ml



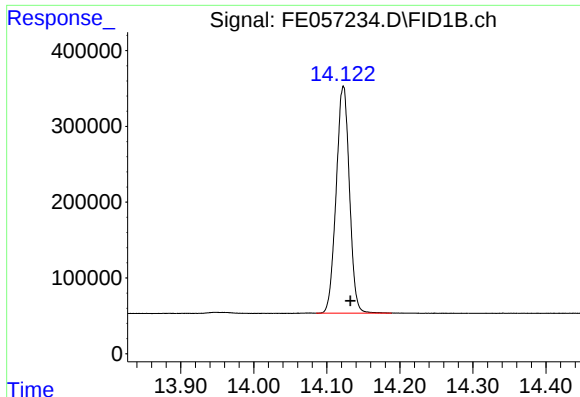
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.009 min
Response: 3821346
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

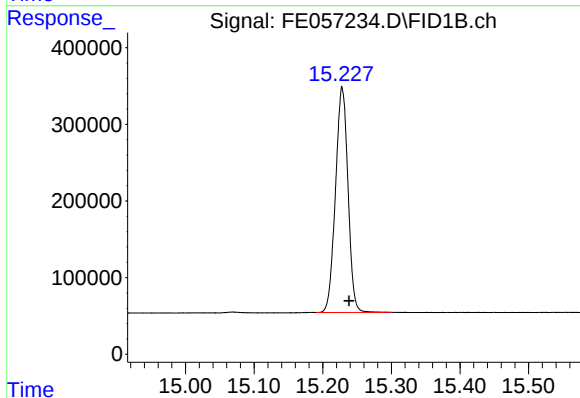
R.T.: 13.369 min
Delta R.T.: -0.009 min
Response: 3323178
Conc: 19.97 ug/ml



#13 n-Docosane (C22)

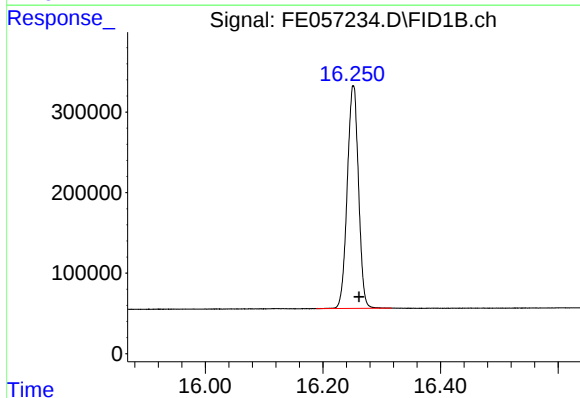
R.T.: 14.122 min
Delta R.T.: -0.010 min
Response: 3773138
Conc: 19.55 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



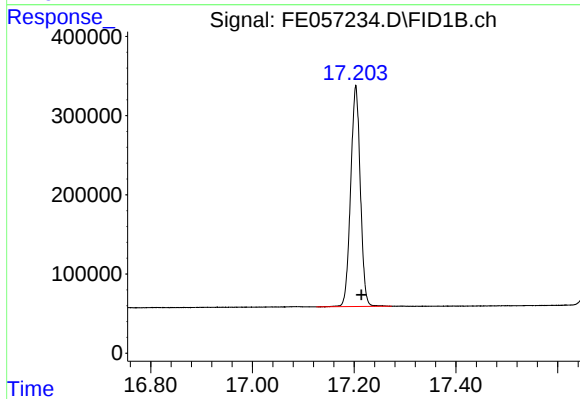
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.010 min
Response: 3724753
Conc: 18.81 ug/ml



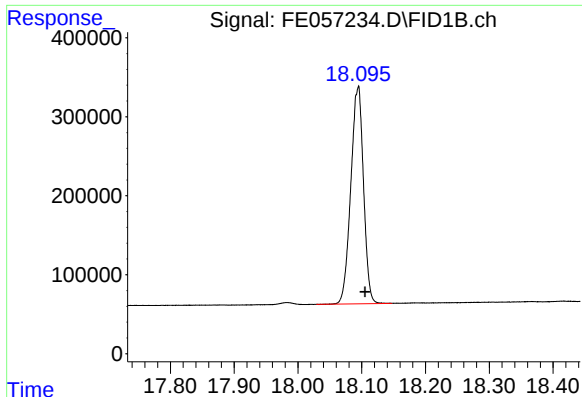
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.010 min
Response: 3669620
Conc: 18.50 ug/ml



#16 n-Octacosane (C28)

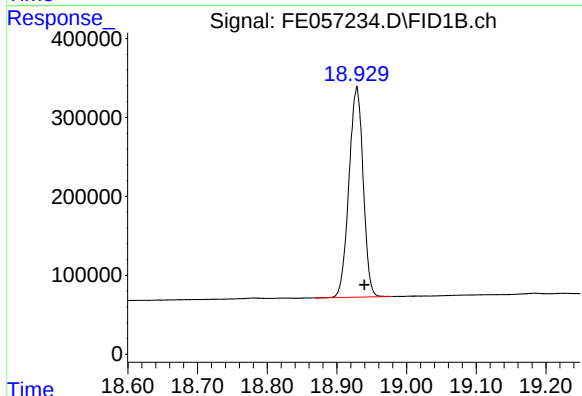
R.T.: 17.203 min
Delta R.T.: -0.011 min
Response: 3671435
Conc: 17.87 ug/ml



#17 n-Tricontane (C30)

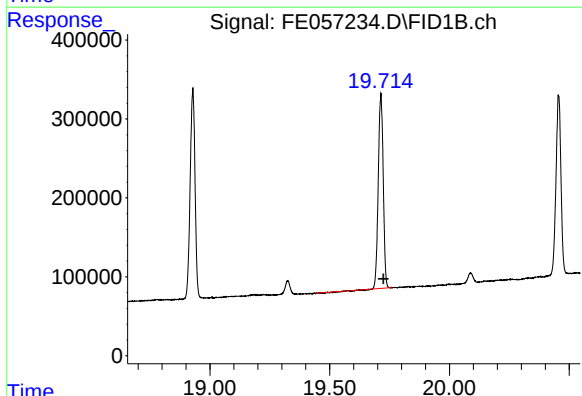
R.T.: 18.094 min
Delta R.T.: -0.011 min
Response: 3799479
Conc: 16.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



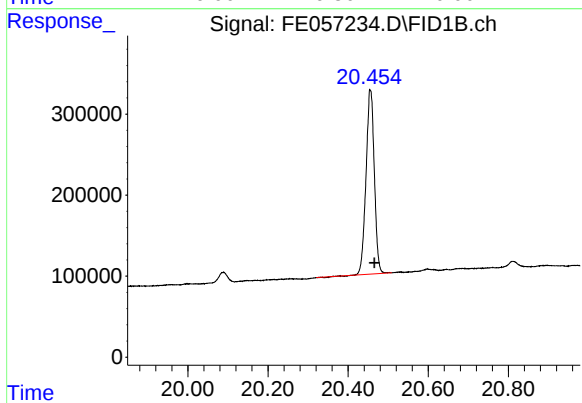
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.011 min
Response: 3770068
Conc: 16.15 ug/ml



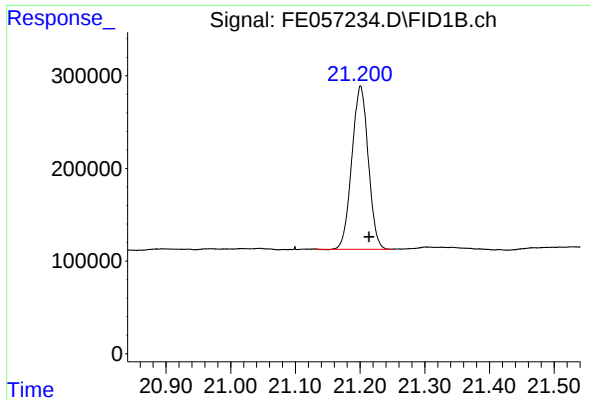
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.011 min
Response: 3536213
Conc: 16.56 ug/ml



#20 n-Hexatriacontane (C36)

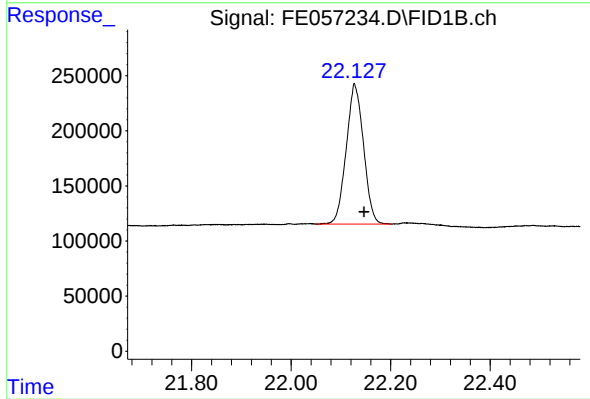
R.T.: 20.456 min
Delta R.T.: -0.010 min
Response: 3266926
Conc: 17.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.013 min
Response: 3103006
Conc: 17.90 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.019 min
Response: 3067896
Conc: 18.21 ug/ml