

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110425AL\
 Data File : FE056665.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2025 13:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 05 00:21:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.970	4124917	19.745 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
12) S 1-chlorooctadecane (S...	13.409	3103858	19.265 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	3.323	3558472	21.186 ug/ml
2) T n-Decane (C10)	4.577	3691434	21.513 ug/ml
3) T A~Naphthalene (C11.7)	6.292	3840872	20.808 ug/ml
4) T n-Dodecane (C12)	6.750	3790175	21.791 ug/ml
5) T A~2-methylnaphthalene...	7.393	3662175	20.664 ug/ml
6) T n-Tetradecane (C14)	8.585	3730999	21.375 ug/ml
7) T n-Hexadecane (C16)	10.199	3823489	20.898 ug/ml
8) T n-Octadecane (C18)	11.648	3843371	20.306 ug/ml
10) T n-Eicosane (C20)	12.962	3653640	19.605 ug/ml
11) T n-Heneicosane (C21)	13.576	3561540	19.369 ug/ml
13) T n-Docosane (C22)	14.164	3540520	18.913 ug/ml
14) T n-Tetracosane (C24)	15.271	3561857	18.185 ug/ml
15) T n-Hexacosane (C26)	16.296	3480455	17.909 ug/ml
16) T n-Octacosane (C28)	17.248	3419173	17.655 ug/ml
17) T n-Tricontane (C30)	18.139	3503617	17.475 ug/ml
18) T n-Dotriacontane (C32)	18.973	3451287	17.550 ug/ml
19) T n-Tetratriacontane (C34)	19.760	3164129	18.331 ug/ml
20) T n-Hexatriacontane (C36)	20.501	2825186	19.530 ug/ml
21) T n-Octatriacontane (C38)	21.254	2679429	21.289 ug/ml
22) T n-Tetracontane (C40)	22.200	2800295	24.221 ug/ml

(f)=RT Delta > 1/2 Window

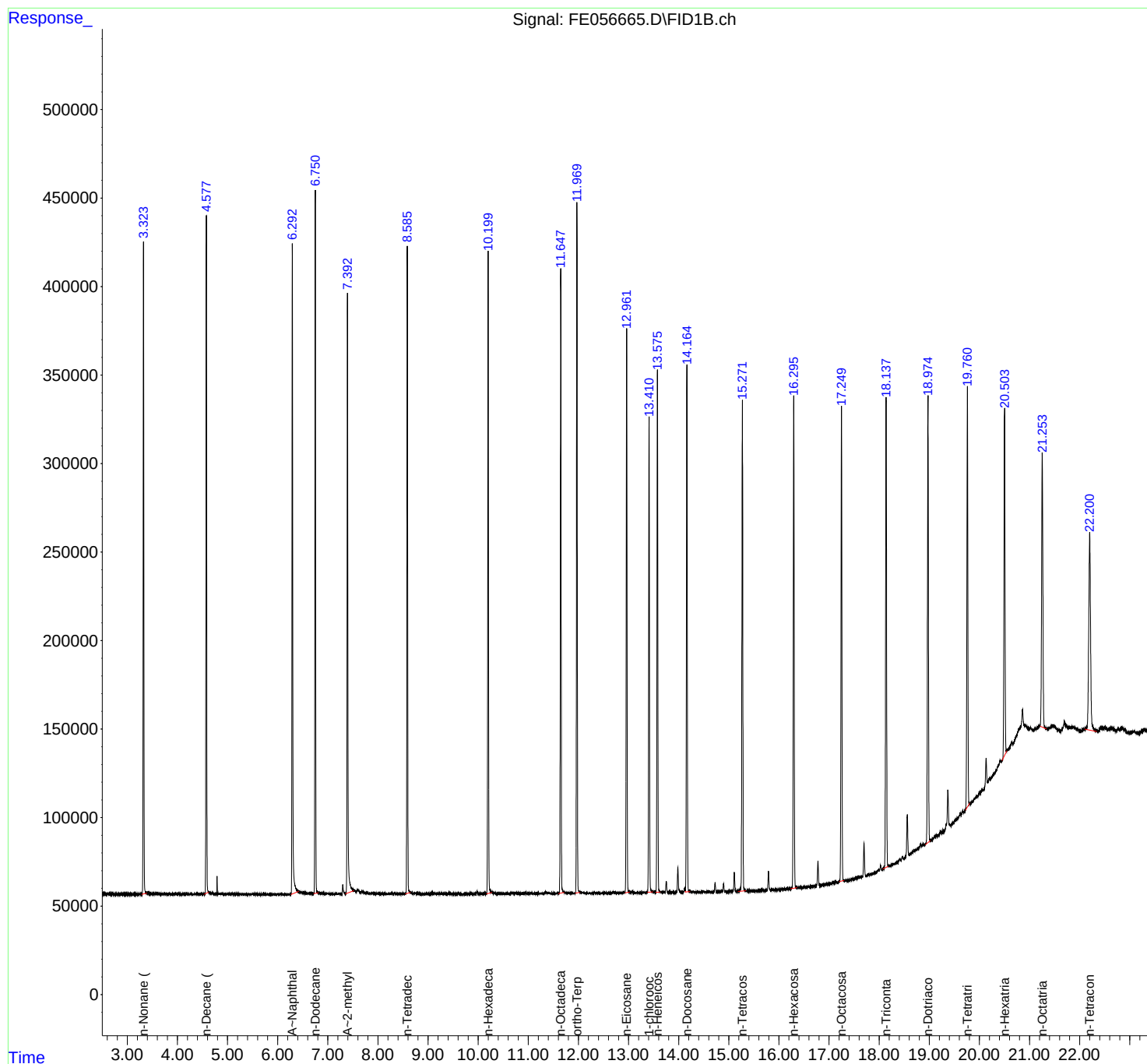
(m)=manual int.

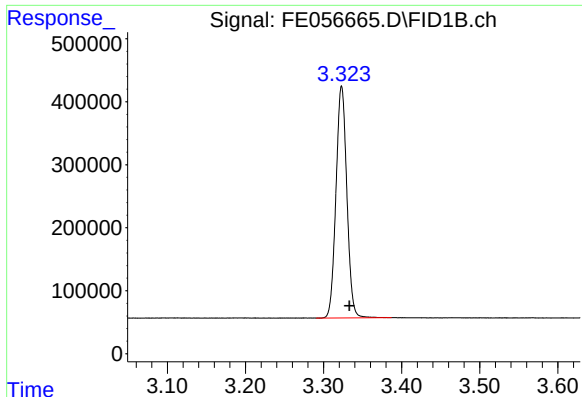
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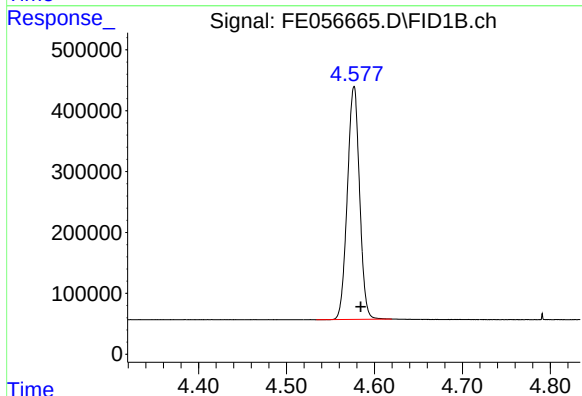




#1 n-Nonane (C9)

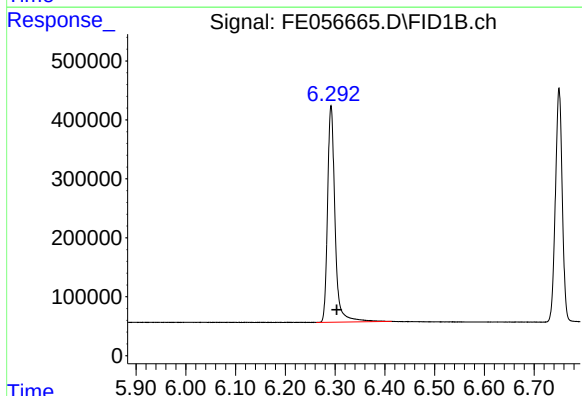
R.T.: 3.323 min
Delta R.T.: -0.010 min
Response: 3558472
Conc: 21.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



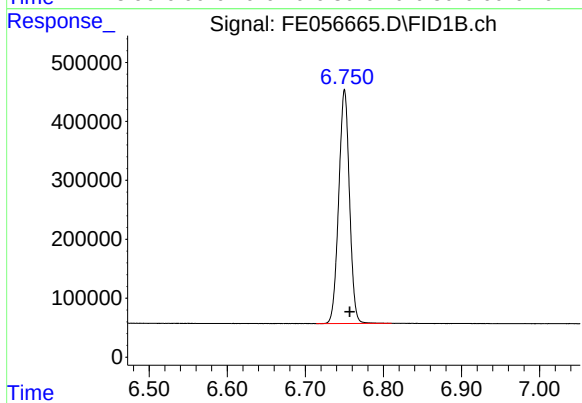
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.008 min
Response: 3691434
Conc: 21.51 ug/ml



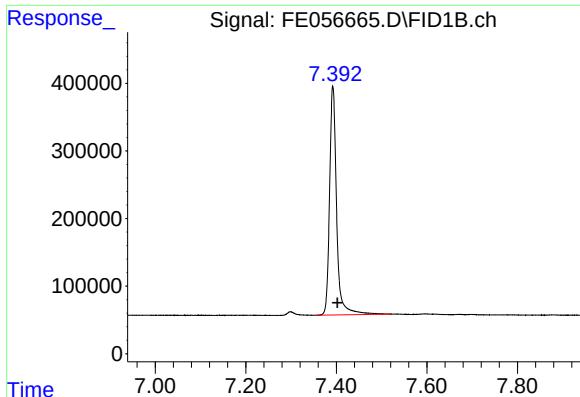
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min
Delta R.T.: -0.011 min
Response: 3840872
Conc: 20.81 ug/ml



#4 n-Dodecane (C12)

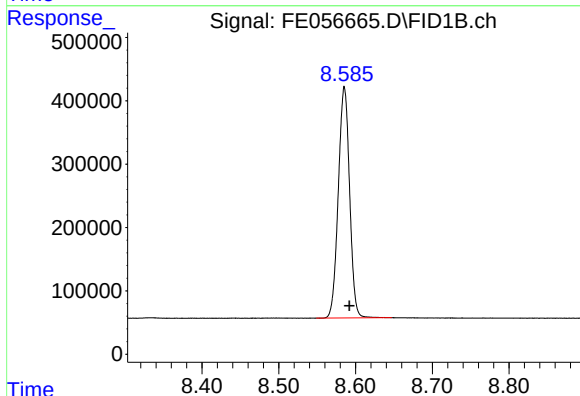
R.T.: 6.750 min
Delta R.T.: -0.007 min
Response: 3790175
Conc: 21.79 ug/ml



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

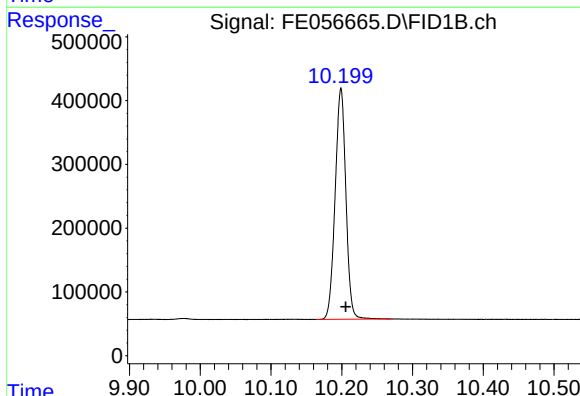
R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 3662175
Conc: 20.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



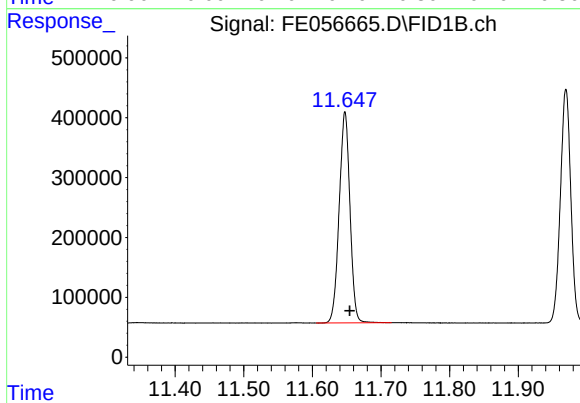
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.007 min
Response: 3730999
Conc: 21.37 ug/ml



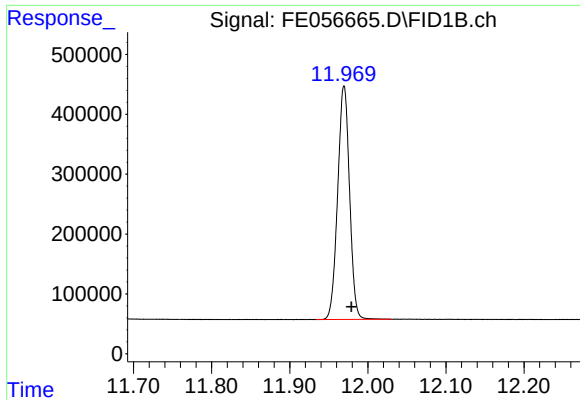
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: -0.007 min
Response: 3823489
Conc: 20.90 ug/ml



#8 n-Octadecane (C18)

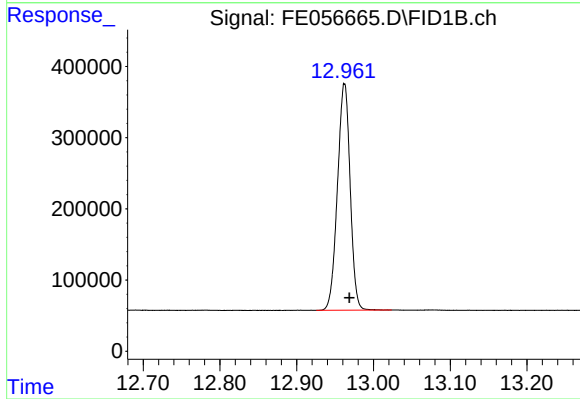
R.T.: 11.648 min
Delta R.T.: -0.007 min
Response: 3843371
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

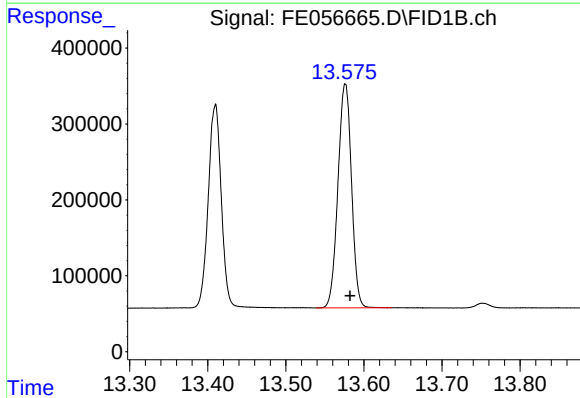
R.T.: 11.970 min
Delta R.T.: -0.009 min
Response: 4124917
Conc: 19.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



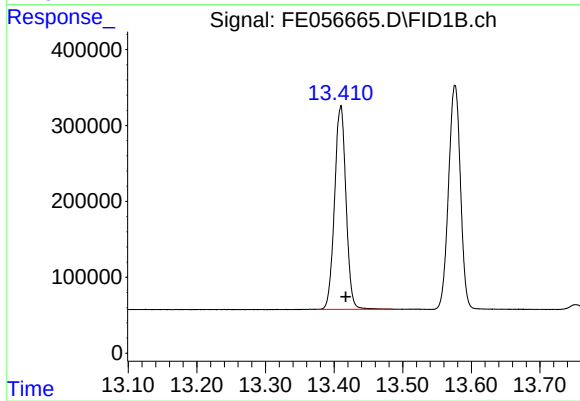
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.007 min
Response: 3653640
Conc: 19.60 ug/ml



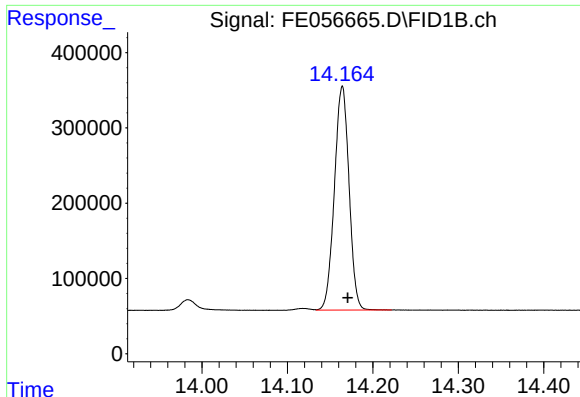
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: -0.006 min
Response: 3561540
Conc: 19.37 ug/ml



#12 1-chlorooctadecane (SURR)

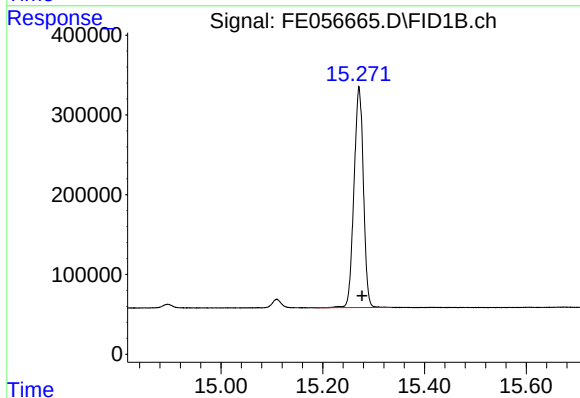
R.T.: 13.409 min
Delta R.T.: -0.008 min
Response: 3103858
Conc: 19.26 ug/ml



#13 n-Docosane (C22)

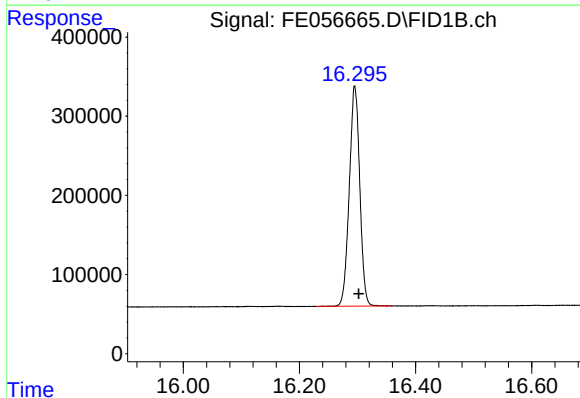
R.T.: 14.164 min
Delta R.T.: -0.007 min
Response: 3540520
Conc: 18.91 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



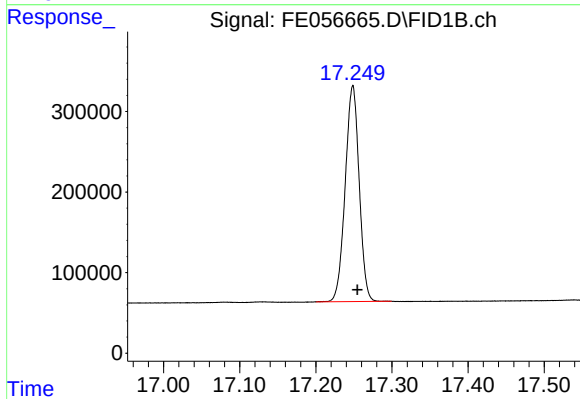
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: -0.006 min
Response: 3561857
Conc: 18.19 ug/ml



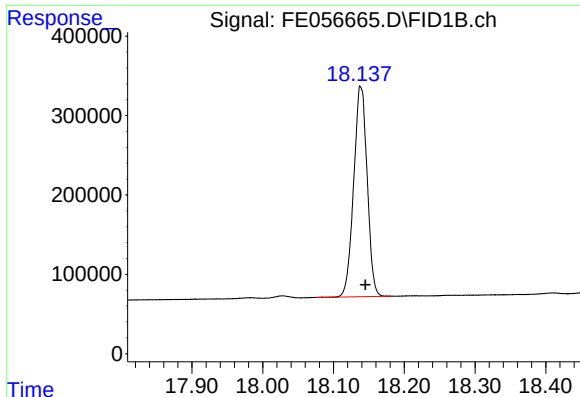
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: -0.006 min
Response: 3480455
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

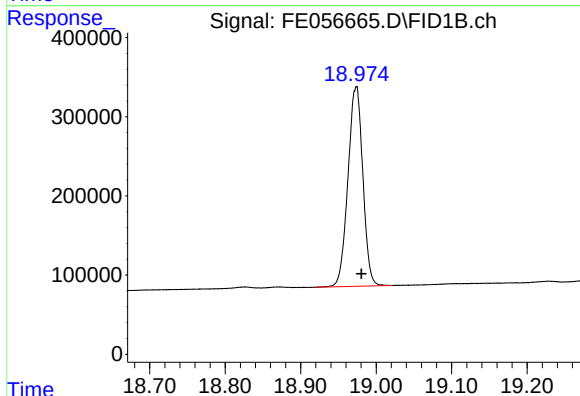
R.T.: 17.248 min
Delta R.T.: -0.006 min
Response: 3419173
Conc: 17.66 ug/ml



#17 n-Tricontane (C30)

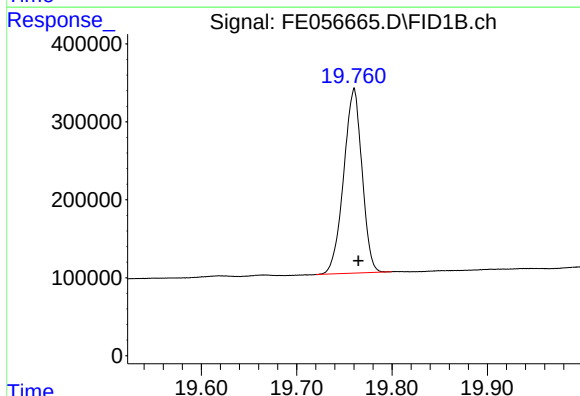
R.T.: 18.139 min
Delta R.T.: -0.006 min
Response: 3503617
Conc: 17.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



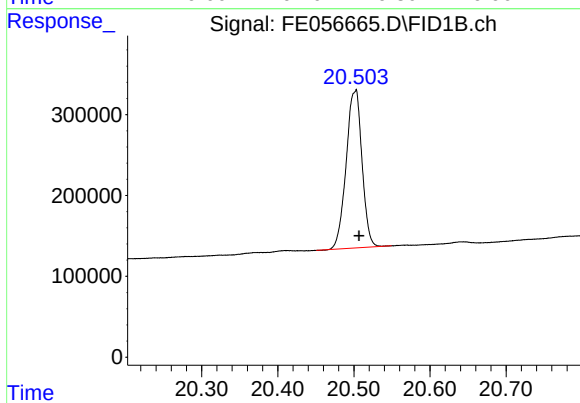
#18 n-Dotriacontane (C32)

R.T.: 18.973 min
Delta R.T.: -0.007 min
Response: 3451287
Conc: 17.55 ug/ml



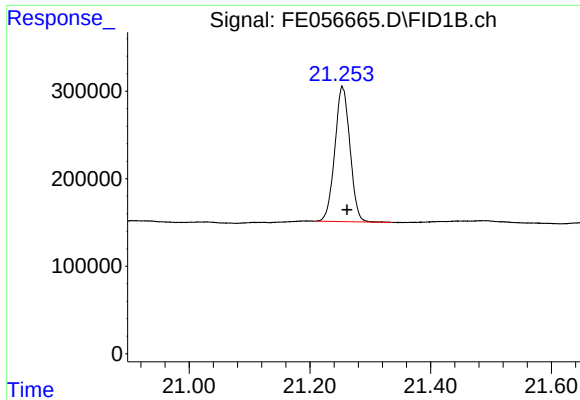
#19 n-Tetratriacontane (C34)

R.T.: 19.760 min
Delta R.T.: -0.005 min
Response: 3164129
Conc: 18.33 ug/ml



#20 n-Hexatriacontane (C36)

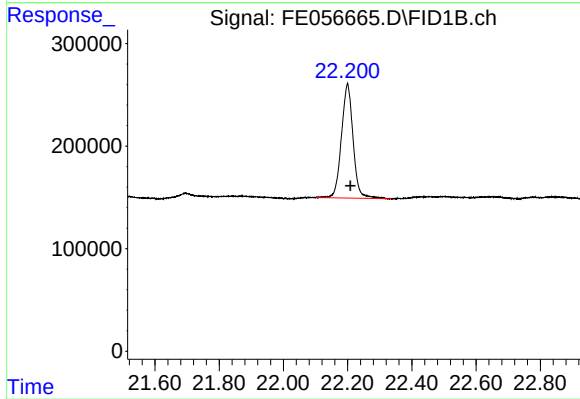
R.T.: 20.501 min
Delta R.T.: -0.006 min
Response: 2825186
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.254 min
Delta R.T.: -0.008 min
Response: 2679429
Conc: 21.29 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.200 min
Delta R.T.: -0.009 min
Response: 2800295
Conc: 24.22 ug/ml