

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111425AL\
 Data File : FE056864.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2025 00:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 15 02:55:51 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)	11.949	4173183	19.976 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
12) S 1-chlorooctadecane (S...	13.387	3173863	19.699 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T n-Nonane (C9)	3.311	3299421	19.644 ug/ml
2) T n-Decane (C10)	4.563	3791432	22.095 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3891169	21.081 ug/ml
4) T n-Dodecane (C12)	6.735	3936705	22.634 ug/ml
5) T A~2-methylnaphthalene...	7.376	3728363	21.038 ug/ml
6) T n-Tetradecane (C14)	8.568	3861944	22.125 ug/ml
7) T n-Hexadecane (C16)	10.180	3933165	21.498 ug/ml
8) T n-Octadecane (C18)	11.627	3942150	20.828 ug/ml
10) T n-Eicosane (C20)	12.939	3738294	20.059 ug/ml
11) T n-Heneicosane (C21)	13.553	3641598	19.804 ug/ml
13) T n-Docosane (C22)	14.140	3634769	19.416 ug/ml
14) T n-Tetracosane (C24)	15.246	3700470	18.893 ug/ml
15) T n-Hexacosane (C26)	16.270	3642082	18.741 ug/ml
16) T n-Octacosane (C28)	17.222	3683645	19.021 ug/ml
17) T n-Tricontane (C30)	18.112	3904367	19.473 ug/ml
18) T n-Dotriacontane (C32)	18.946	3957692	20.126 ug/ml
19) T n-Tetratriacontane (C34)	19.731	3629819	21.029 ug/ml
20) T n-Hexatriacontane (C36)	20.473	3117794	21.553 ug/ml
21) T n-Octatriacontane (C38)	21.220	2870647	22.808 ug/ml
22) T n-Tetracontane (C40)	22.156f	2815315	24.351 ug/ml

(f)=RT Delta > 1/2 Window

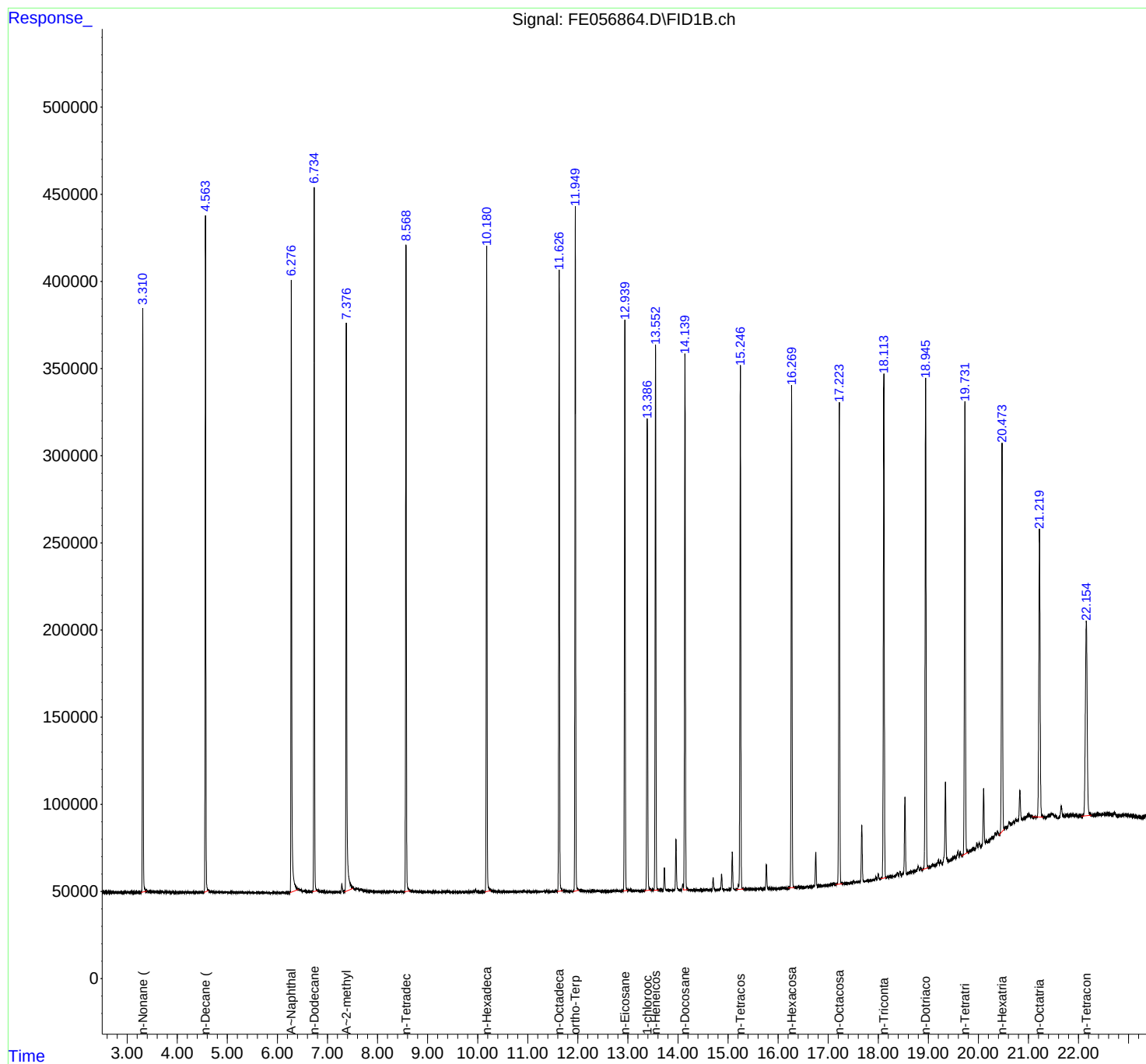
(m)=manual int.

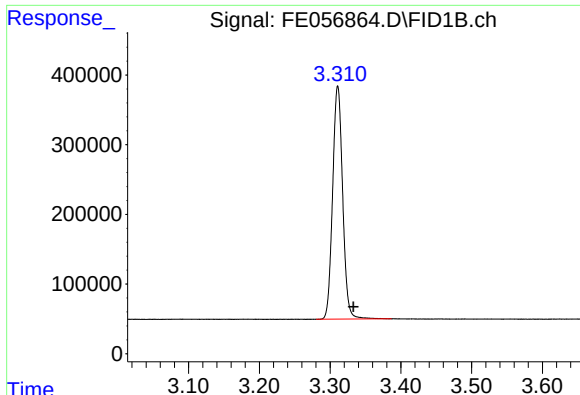
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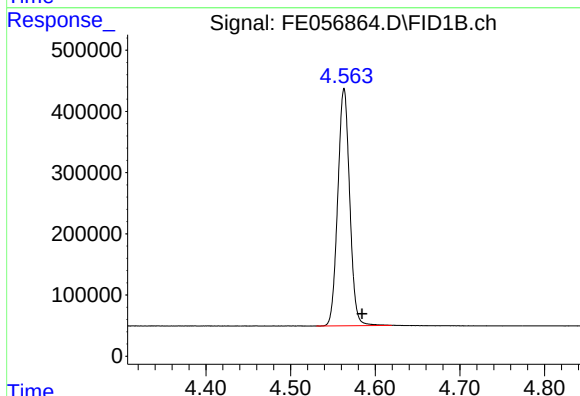




#1 n-Nonane (C9)

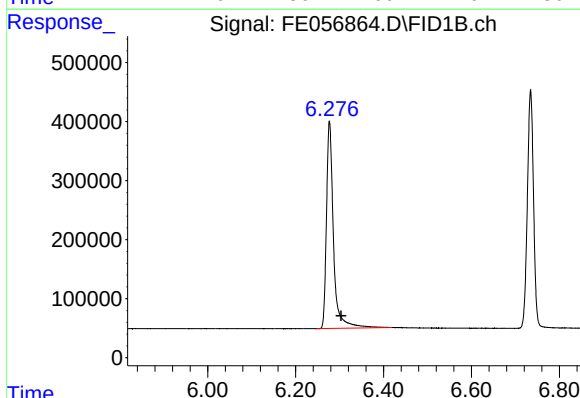
R.T.: 3.311 min
Delta R.T.: -0.022 min
Response: 3299421
Conc: 19.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



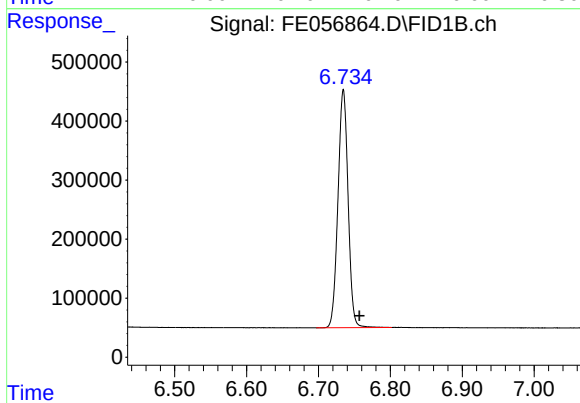
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.021 min
Response: 3791432
Conc: 22.10 ug/ml



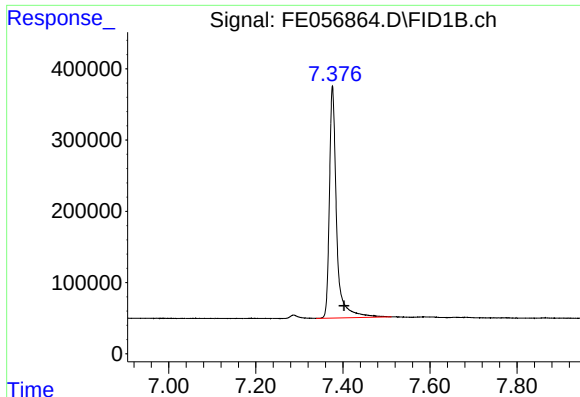
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.026 min
Response: 3891169
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

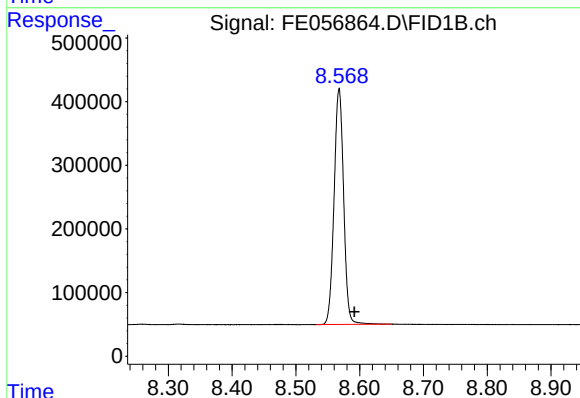
R.T.: 6.735 min
Delta R.T.: -0.022 min
Response: 3936705
Conc: 22.63 ug/ml



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

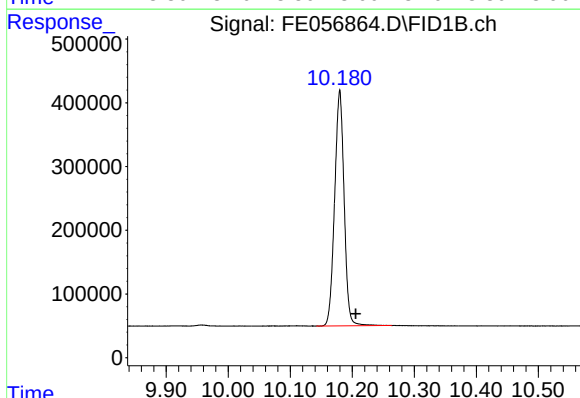
R.T.: 7.376 min
Delta R.T.: -0.027 min
Response: 3728363
Conc: 21.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



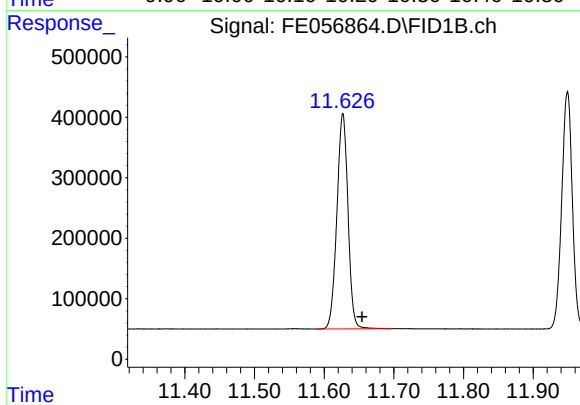
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.024 min
Response: 3861944
Conc: 22.12 ug/ml



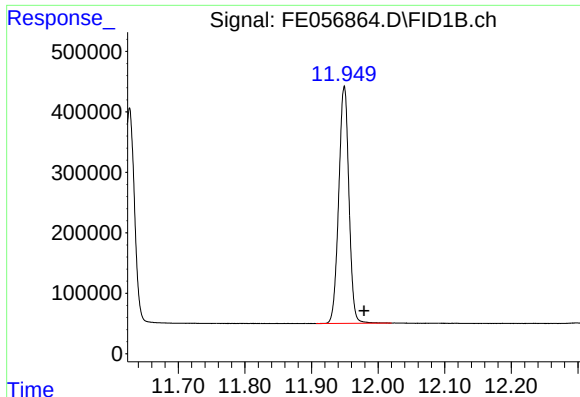
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.026 min
Response: 3933165
Conc: 21.50 ug/ml



#8 n-Octadecane (C18)

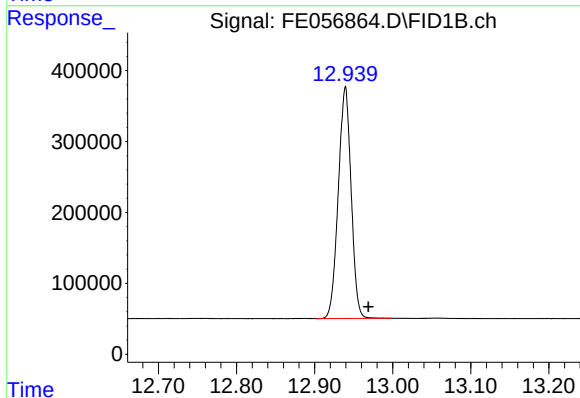
R.T.: 11.627 min
Delta R.T.: -0.028 min
Response: 3942150
Conc: 20.83 ug/ml



#9 ortho-Terphenyl (SURR)

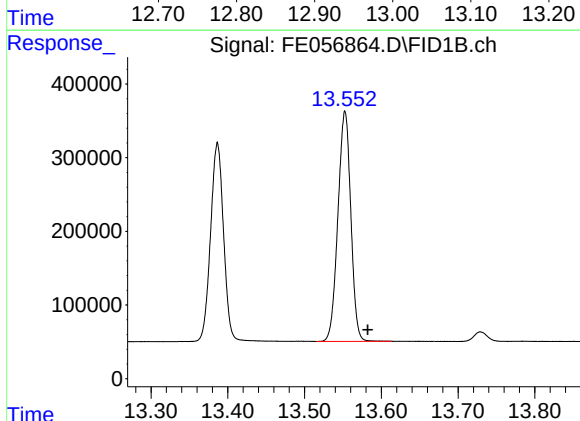
R.T.: 11.949 min
Delta R.T.: -0.030 min
Response: 4173183
Conc: 19.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



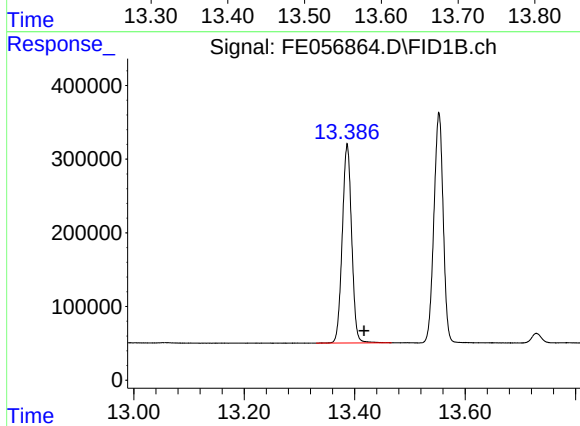
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: -0.030 min
Response: 3738294
Conc: 20.06 ug/ml



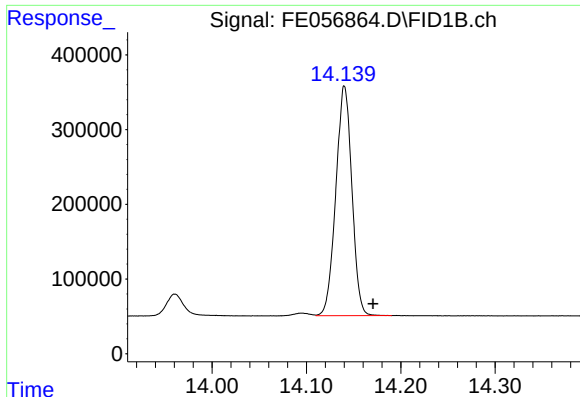
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.030 min
Response: 3641598
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

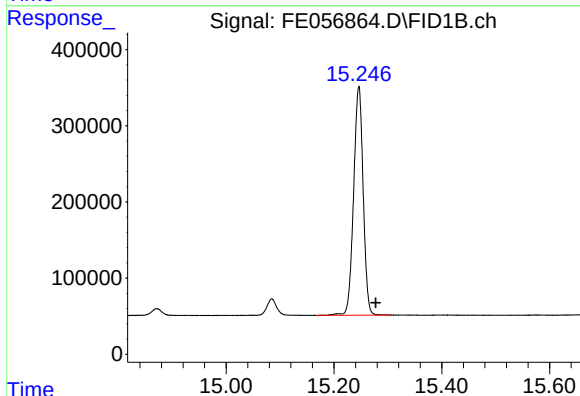
R.T.: 13.387 min
Delta R.T.: -0.031 min
Response: 3173863
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

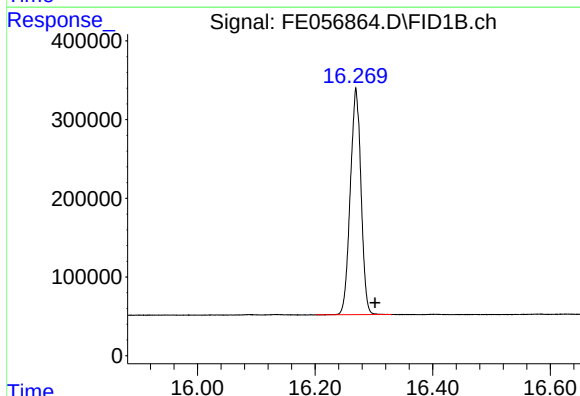
R.T.: 14.140 min
Delta R.T.: -0.030 min
Response: 3634769
Conc: 19.42 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



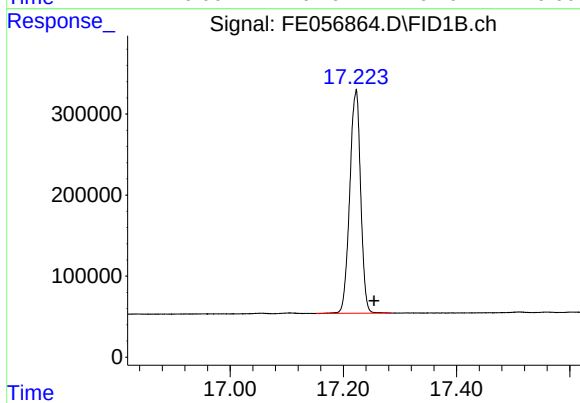
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.031 min
Response: 3700470
Conc: 18.89 ug/ml



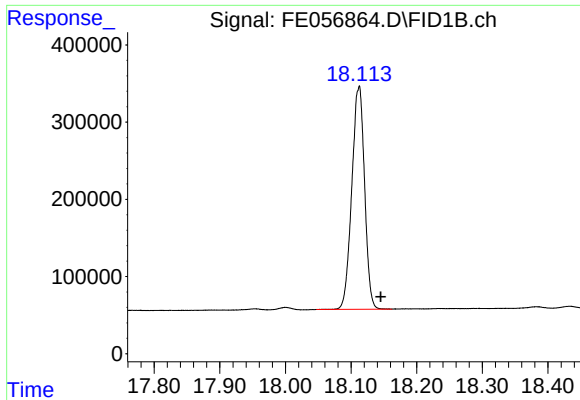
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.032 min
Response: 3642082
Conc: 18.74 ug/ml



#16 n-Octacosane (C28)

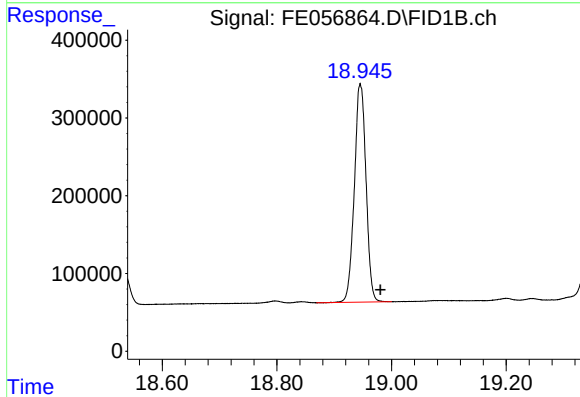
R.T.: 17.222 min
Delta R.T.: -0.033 min
Response: 3683645
Conc: 19.02 ug/ml



#17 n-Tricontane (C30)

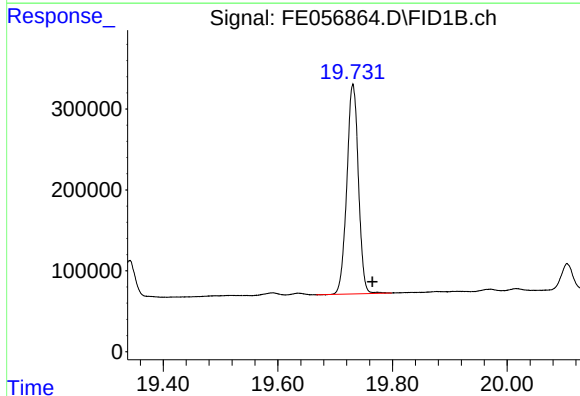
R.T.: 18.112 min
Delta R.T.: -0.033 min
Response: 3904367
Conc: 19.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



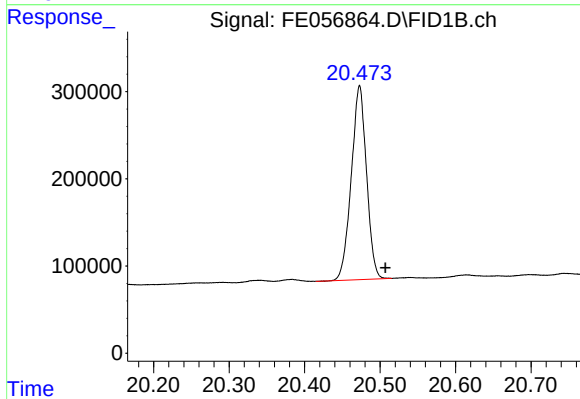
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: -0.035 min
Response: 3957692
Conc: 20.13 ug/ml



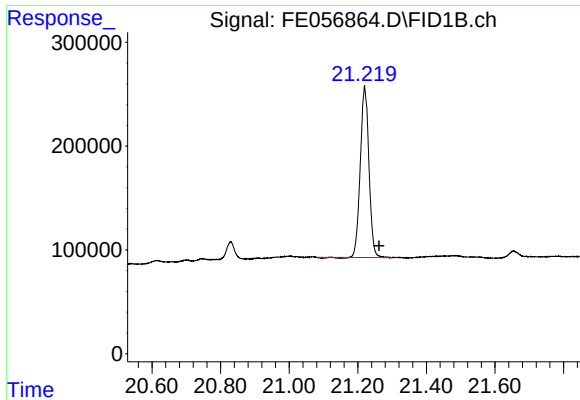
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.034 min
Response: 3629819
Conc: 21.03 ug/ml



#20 n-Hexatriacontane (C36)

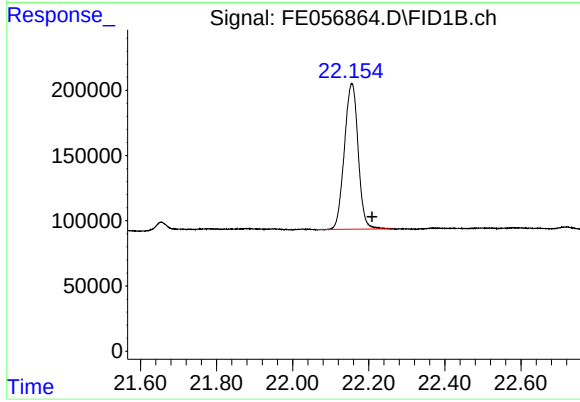
R.T.: 20.473 min
Delta R.T.: -0.034 min
Response: 3117794
Conc: 21.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.042 min
Response: 2870647
Conc: 22.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: -0.053 min
Response: 2815315
Conc: 24.35 ug/ml