

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092425AL\
 Data File : FE055981.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2025 20:35
 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: Sep 25 08:09:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.068	3526371	18.792 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
12) S 1-chlorooctadecane (S...	13.506	2650394	18.990 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T n-Nonane (C9)	3.408	2592440	18.924 ug/ml
2) T n-Decane (C10)	4.667	2634339	18.876 ug/ml
3) T A~Naphthalene (C11.7)	6.385	3008724	18.844 ug/ml
4) T n-Dodecane (C12)	6.842	2701826	18.824 ug/ml
5) T A~2-methylnaphthalene...	7.486	2940923	18.910 ug/ml
6) T n-Tetradecane (C14)	8.678	2772094	18.750 ug/ml
7) T n-Hexadecane (C16)	10.293	2971413	18.699 ug/ml
8) T n-Octadecane (C18)	11.742	3156526	18.635 ug/ml
10) T n-Eicosane (C20)	13.057	3110139	18.762 ug/ml
11) T n-Heneicosane (C21)	13.672	3054085	18.795 ug/ml
13) T n-Docosane (C22)	14.260	3007565	18.822 ug/ml
14) T n-Tetracosane (C24)	15.366	2911943	19.110 ug/ml
15) T n-Hexacosane (C26)	16.391	2696590	18.906 ug/ml
16) T n-Octacosane (C28)	17.343	2626197	18.852 ug/ml
17) T n-Tricontane (C30)	18.234	2725955	18.396 ug/ml
18) T n-Dotriacontane (C32)	19.068	2695010	18.063 ug/ml
19) T n-Tetratriacontane (C34)	19.853	2538623	17.947 ug/ml
20) T n-Hexatriacontane (C36)	20.593	2320258	18.075 ug/ml
21) T n-Octatriacontane (C38)	21.370	2259492	17.203 ug/ml
22) T n-Tetracontane (C40)	22.353	2120523	17.824 ug/ml

(f)=RT Delta > 1/2 Window

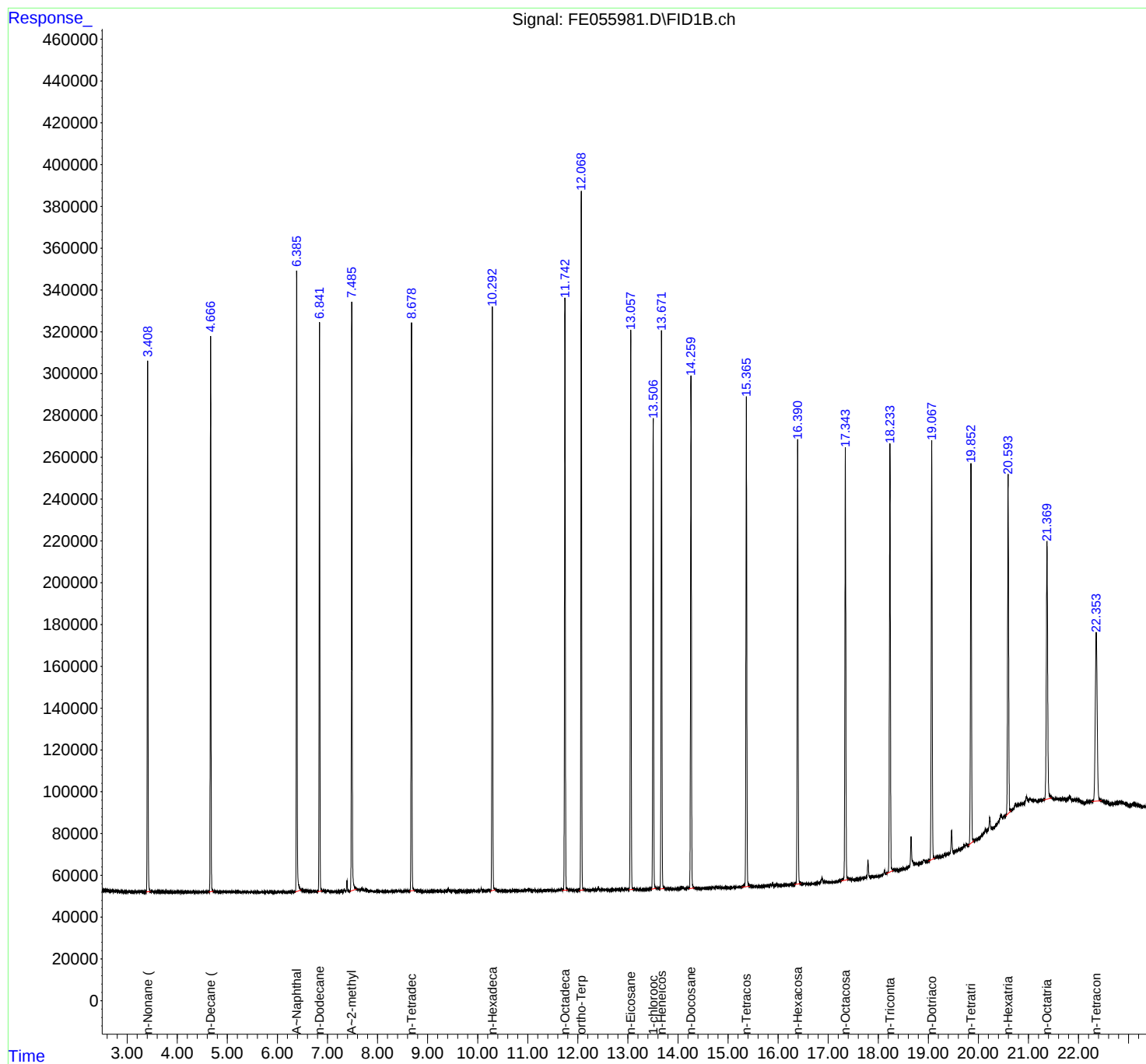
(m)=manual int.

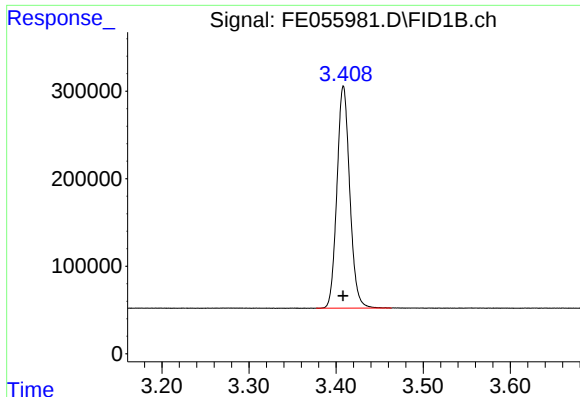
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092425AL\
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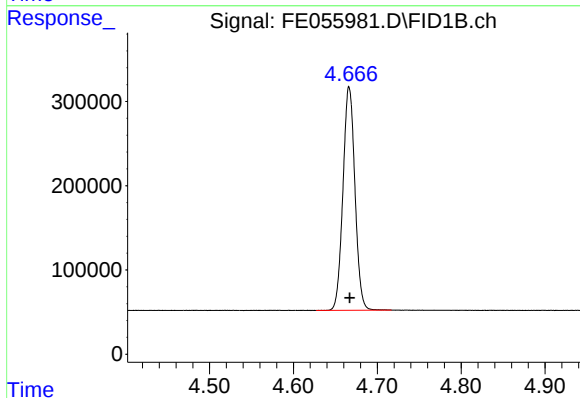




#1 n-Nonane (C9)

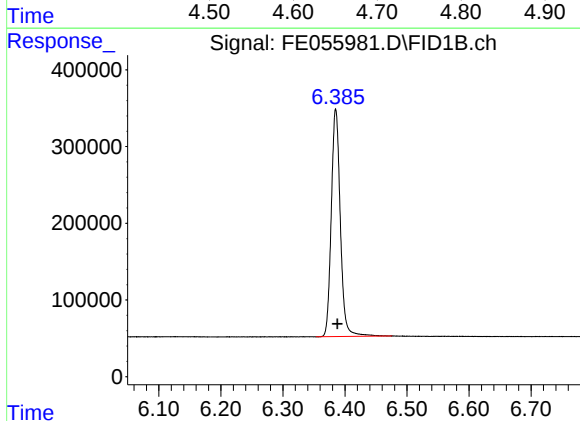
R.T.: 3.408 min
Delta R.T.: 0.000 min
Response: 2592440
Conc: 18.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



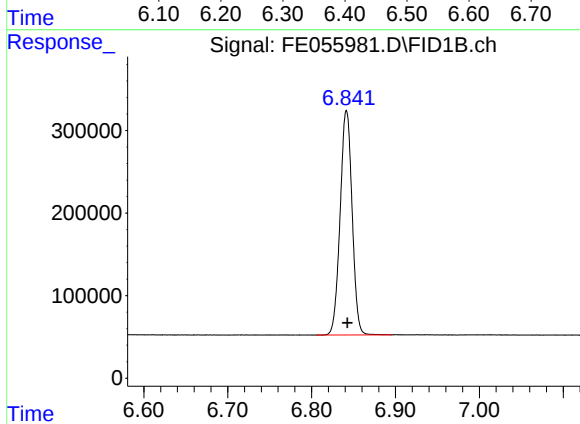
#2 n-Decane (C10)

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 2634339
Conc: 18.88 ug/ml



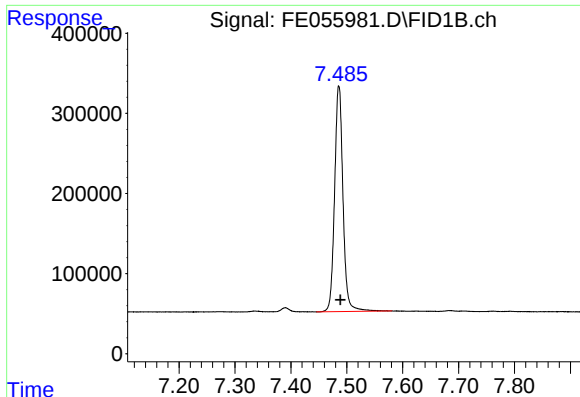
#3 A~Naphthalene (C11.7)

R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 3008724
Conc: 18.84 ug/ml



#4 n-Dodecane (C12)

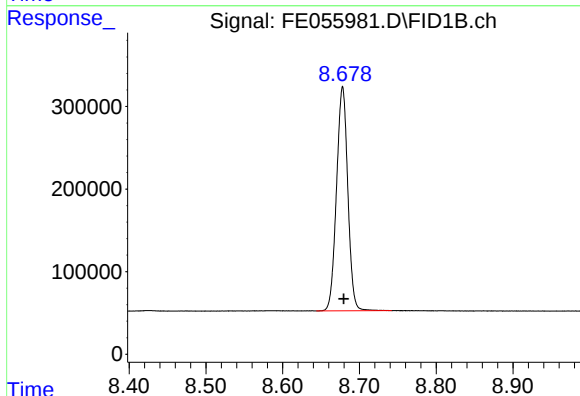
R.T.: 6.842 min
Delta R.T.: -0.001 min
Response: 2701826
Conc: 18.82 ug/ml



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

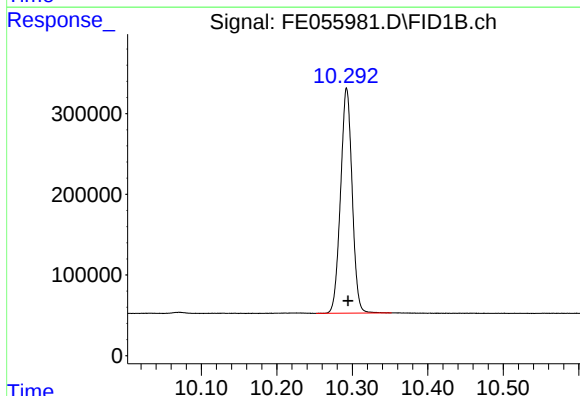
R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 2940923
Conc: 18.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



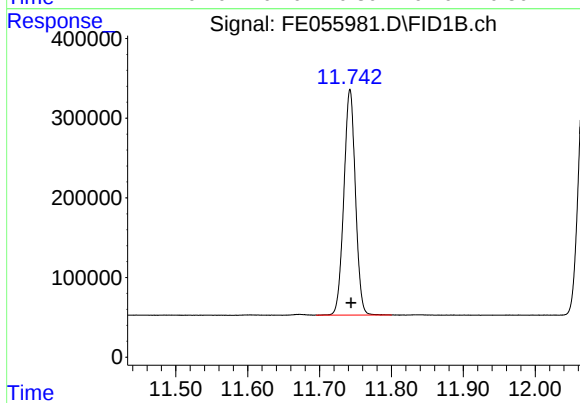
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: -0.001 min
Response: 2772094
Conc: 18.75 ug/ml



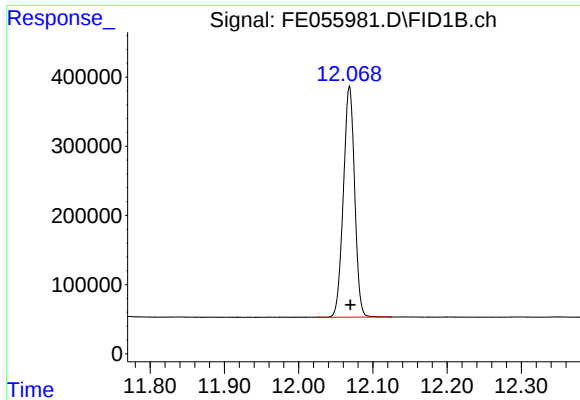
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.002 min
Response: 2971413
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

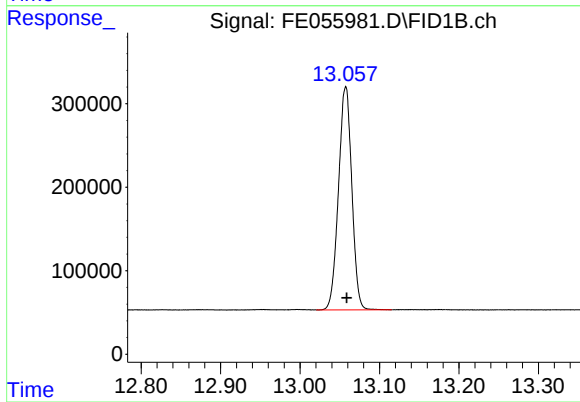
R.T.: 11.742 min
Delta R.T.: -0.002 min
Response: 3156526
Conc: 18.64 ug/ml



#9 ortho-Terphenyl (SURR)

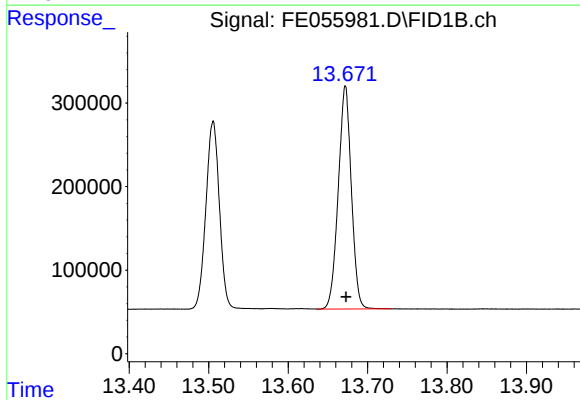
R.T.: 12.068 min
Delta R.T.: -0.001 min
Response: 3526371
Conc: 18.79 ug/ml

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20 PPM ALIPHATIC HC STD



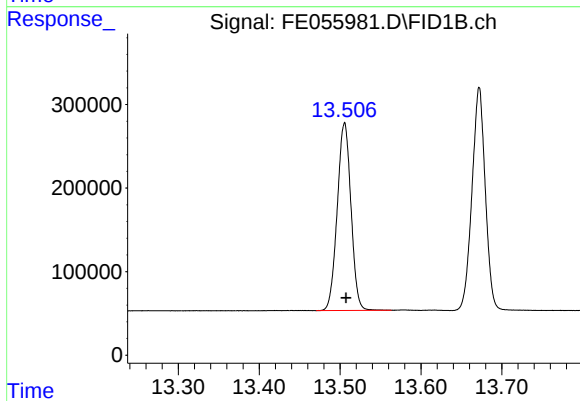
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: -0.001 min
Response: 3110139
Conc: 18.76 ug/ml



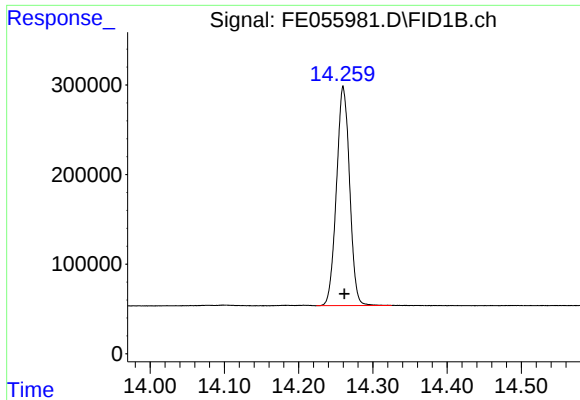
#11 n-Heneicosane (C21)

R.T.: 13.672 min
Delta R.T.: -0.001 min
Response: 3054085
Conc: 18.80 ug/ml



#12 1-chlorooctadecane (SURR)

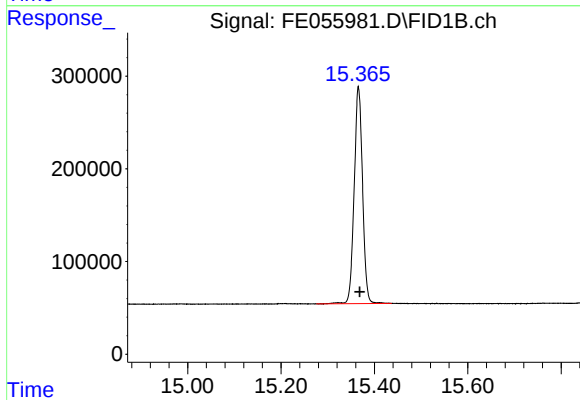
R.T.: 13.506 min
Delta R.T.: -0.002 min
Response: 2650394
Conc: 18.99 ug/ml



#13 n-Docosane (C22)

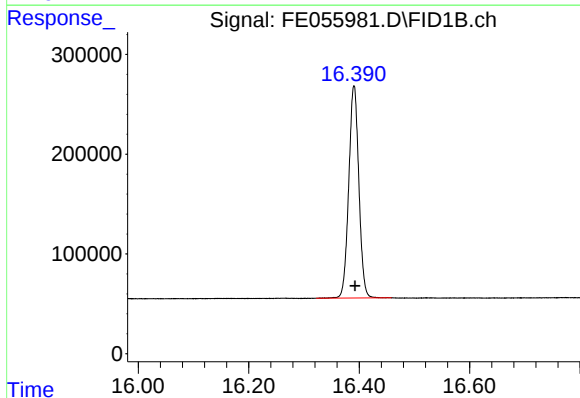
R.T.: 14.260 min
Delta R.T.: -0.001 min
Response: 3007565
Conc: 18.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



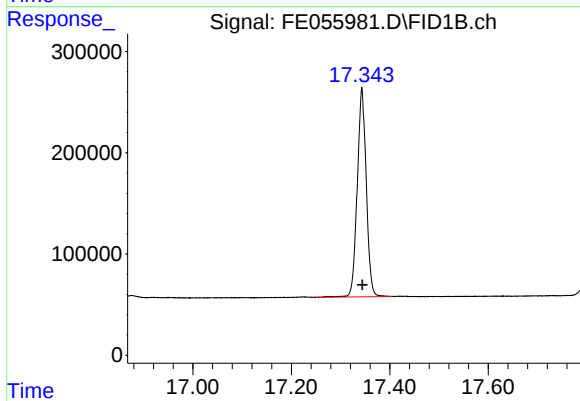
#14 n-Tetracosane (C24)

R.T.: 15.366 min
Delta R.T.: -0.003 min
Response: 2911943
Conc: 19.11 ug/ml



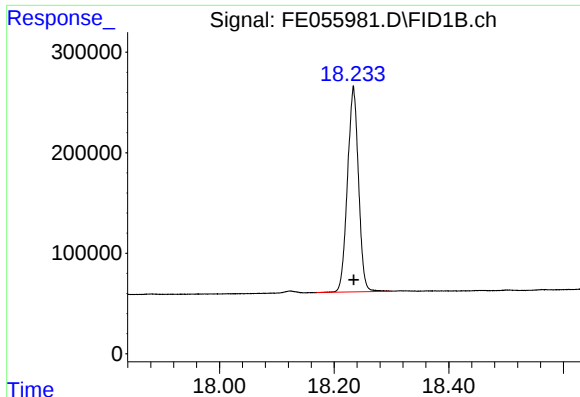
#15 n-Hexacosane (C26)

R.T.: 16.391 min
Delta R.T.: -0.002 min
Response: 2696590
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

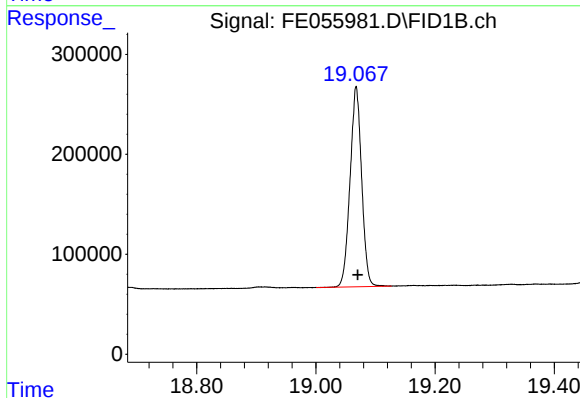
R.T.: 17.343 min
Delta R.T.: -0.001 min
Response: 2626197
Conc: 18.85 ug/ml



#17 n-Tricontane (C30)

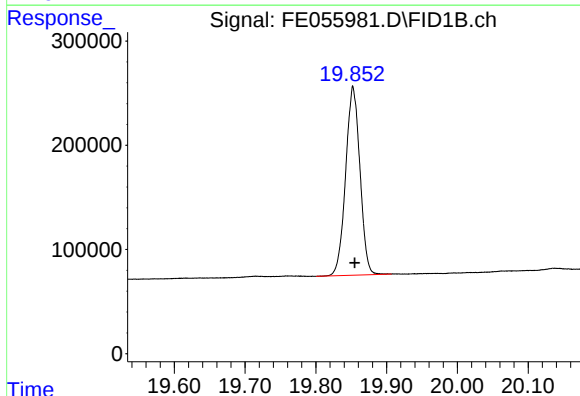
R.T.: 18.234 min
Delta R.T.: 0.000 min
Response: 2725955
Conc: 18.40 ug/ml

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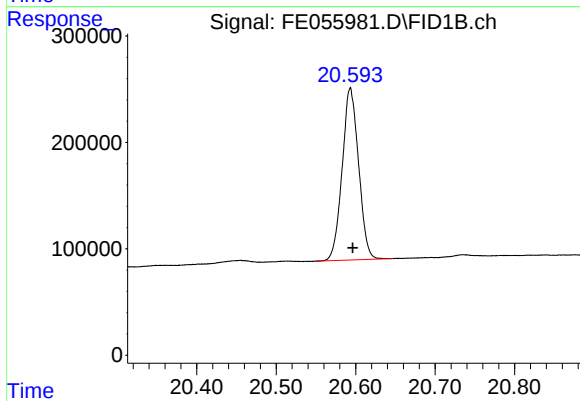
#18 n-Dotriacontane (C32)

R.T.: 19.068 min
Delta R.T.: -0.003 min
Response: 2695010
Conc: 18.06 ug/ml



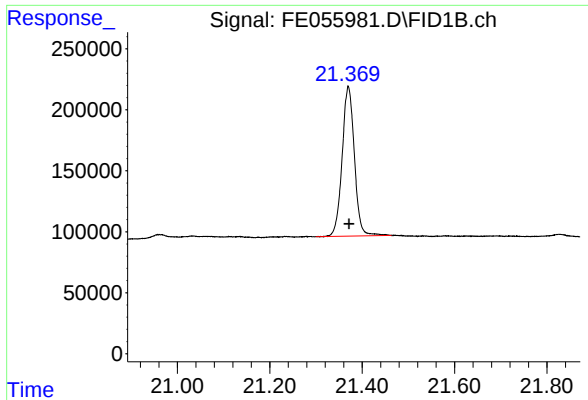
#19 n-Tetratriacontane (C34)

R.T.: 19.853 min
Delta R.T.: -0.002 min
Response: 2538623
Conc: 17.95 ug/ml



#20 n-Hexatriacontane (C36)

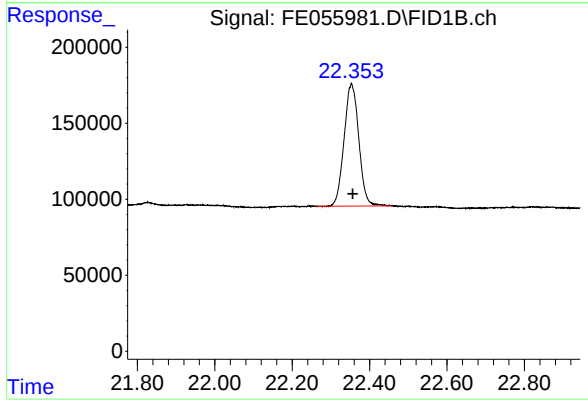
R.T.: 20.593 min
Delta R.T.: -0.003 min
Response: 2320258
Conc: 18.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.370 min
Delta R.T.: -0.002 min
Response: 2259492
Conc: 17.20 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.353 min
Delta R.T.: -0.003 min
Response: 2120523
Conc: 17.82 ug/ml