

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092425AL\
 Data File : FE055969.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2025 12:40
 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 24 15:21:55 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)	12.070	3509318	18.701 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
12) S 1-chlorooctadecane (S...	13.507	2604387	18.661 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	3.411	2719437	19.851 ug/ml
2) T n-Decane (C10)	4.668	2751470	19.715 ug/ml
3) T A~Naphthalene (C11.7)	6.387	3077575	19.275 ug/ml
4) T n-Dodecane (C12)	6.843	2808384	19.567 ug/ml
5) T A~2-methylnaphthalene...	7.488	2978768	19.154 ug/ml
6) T n-Tetradecane (C14)	8.680	2857675	19.329 ug/ml
7) T n-Hexadecane (C16)	10.295	3033972	19.093 ug/ml
8) T n-Octadecane (C18)	11.744	3186227	18.811 ug/ml
10) T n-Eicosane (C20)	13.059	3099316	18.697 ug/ml
11) T n-Heneicosane (C21)	13.674	3025706	18.621 ug/ml
13) T n-Docosane (C22)	14.262	2966663	18.566 ug/ml
14) T n-Tetracosane (C24)	15.369	2831430	18.581 ug/ml
15) T n-Hexacosane (C26)	16.393	2648105	18.566 ug/ml
16) T n-Octacosane (C28)	17.345	2567950	18.434 ug/ml
17) T n-Tricontane (C30)	18.235	2664495	17.981 ug/ml
18) T n-Dotriacontane (C32)	19.070	2645278	17.730 ug/ml
19) T n-Tetratriacontane (C34)	19.855	2530128	17.887 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2329741	18.149 ug/ml
21) T n-Octatriacontane (C38)	21.373	2294436	17.469 ug/ml
22) T n-Tetracontane (C40)	22.357	2211234	18.587 ug/ml

(f)=RT Delta > 1/2 Window

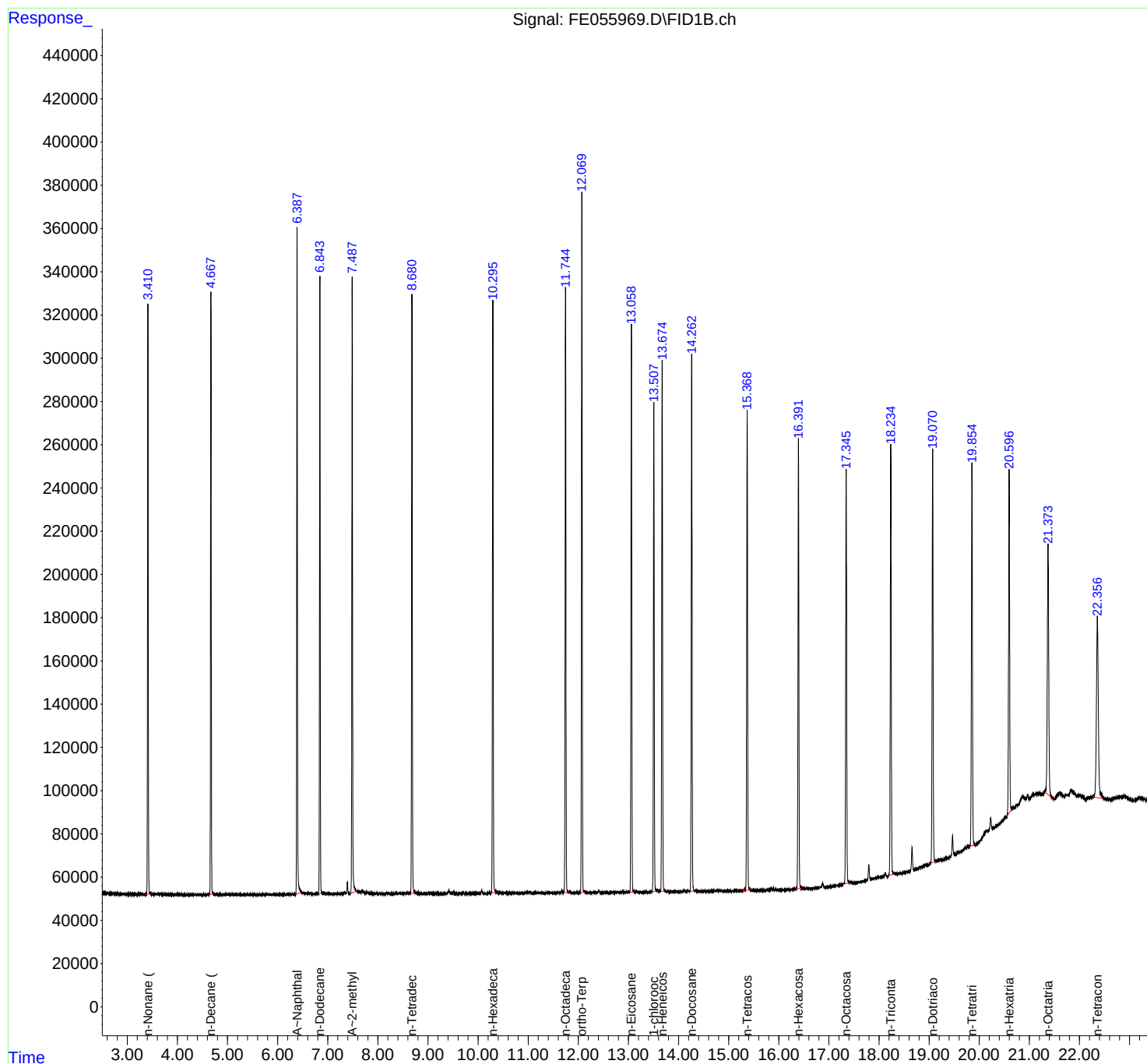
(m)=manual int.

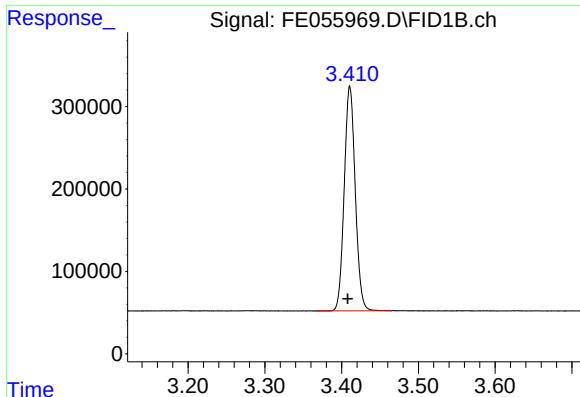
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092425AL\
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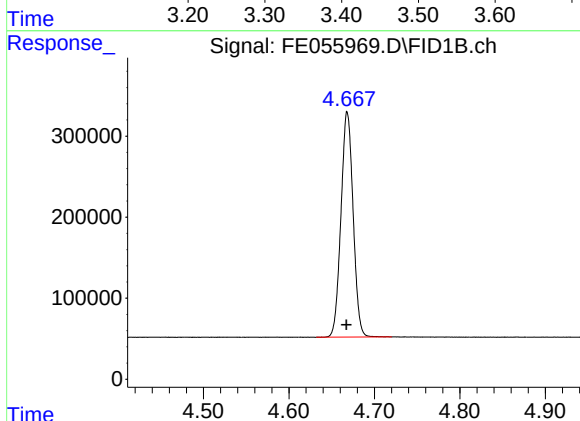




#1 n-Nonane (C9)

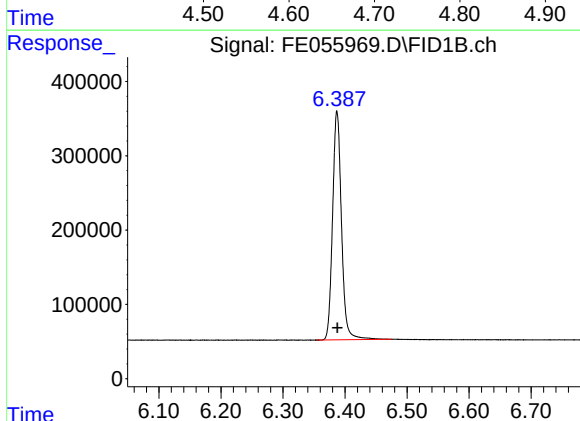
R.T.: 3.411 min
Delta R.T.: 0.003 min
Response: 2719437
Conc: 19.85 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



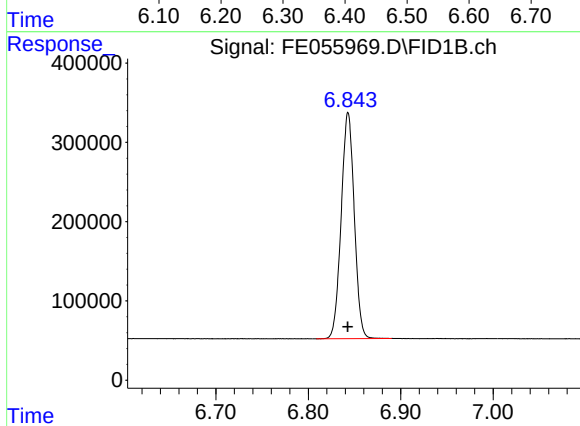
#2 n-Decane (C10)

R.T.: 4.668 min
Delta R.T.: 0.001 min
Response: 2751470
Conc: 19.71 ug/ml



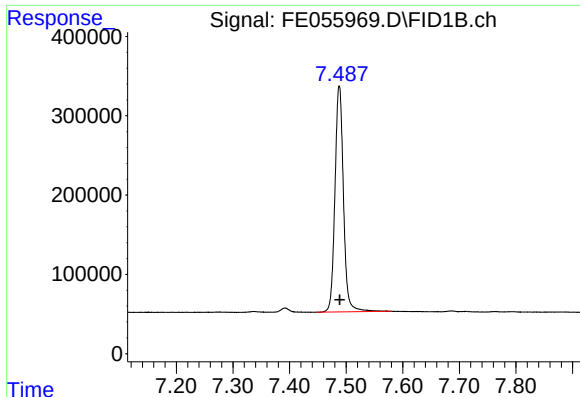
#3 A~Naphthalene (C11.7)

R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 3077575
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

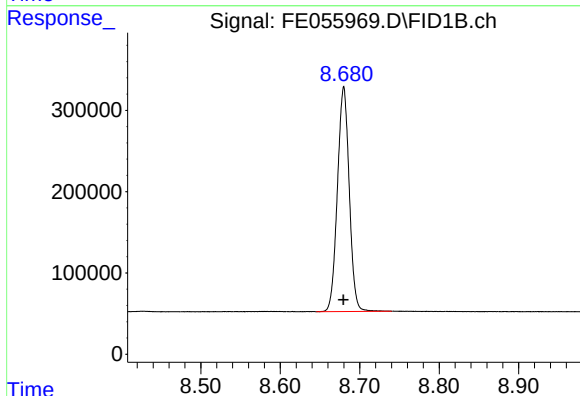
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 2808384
Conc: 19.57 ug/ml



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

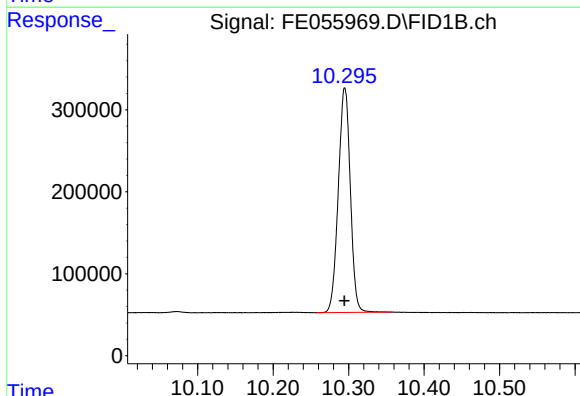
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 2978768
Conc: 19.15 ug/ml

Instrument :
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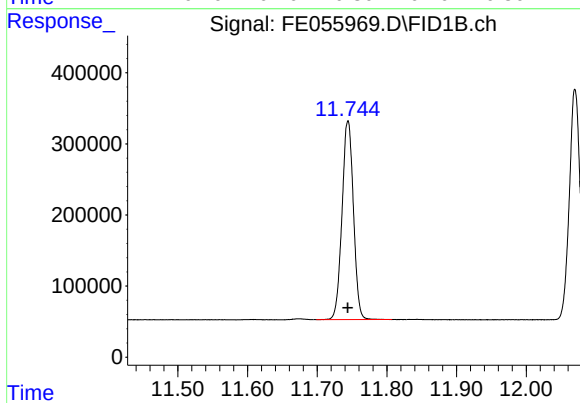
#6 n-Tetradecane (C14)

R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 2857675
Conc: 19.33 ug/ml



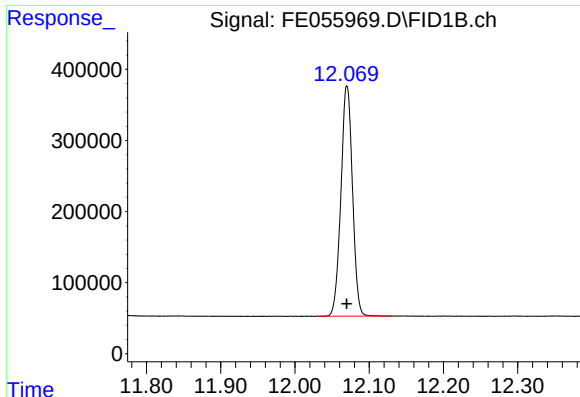
#7 n-Hexadecane (C16)

R.T.: 10.295 min
Delta R.T.: 0.000 min
Response: 3033972
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

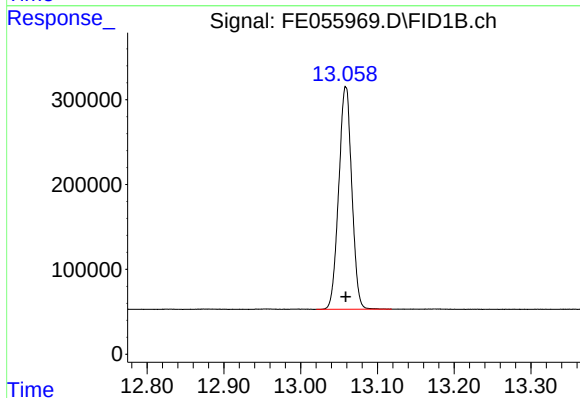
R.T.: 11.744 min
Delta R.T.: 0.000 min
Response: 3186227
Conc: 18.81 ug/ml



#9 ortho-Terphenyl (SURR)

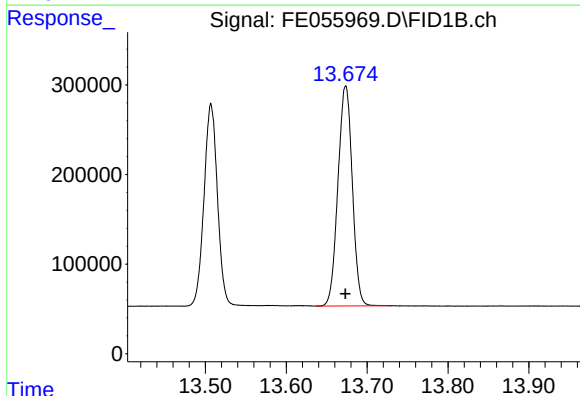
R.T.: 12.070 min
Delta R.T.: 0.000 min
Response: 3509318
Conc: 18.70 ug/ml

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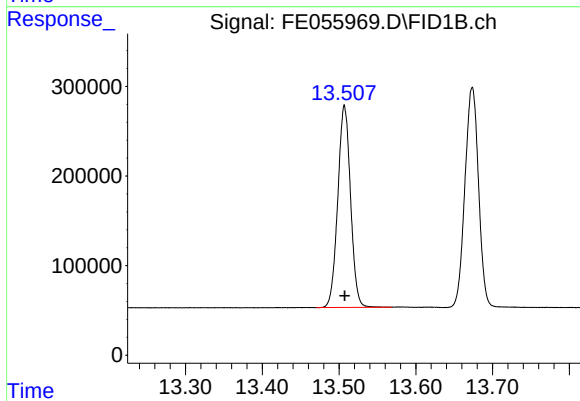
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 3099316
Conc: 18.70 ug/ml



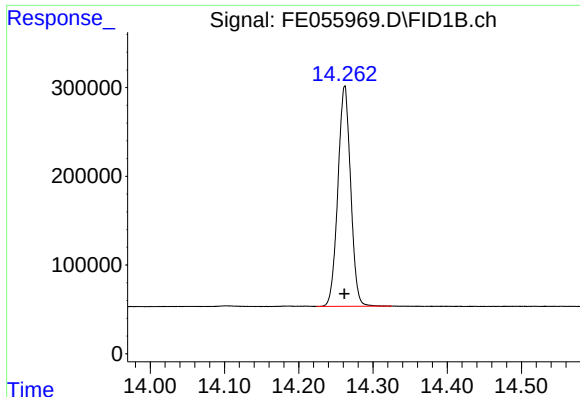
#11 n-Heneicosane (C21)

R.T.: 13.674 min
Delta R.T.: 0.000 min
Response: 3025706
Conc: 18.62 ug/ml



#12 1-chlorooctadecane (SURR)

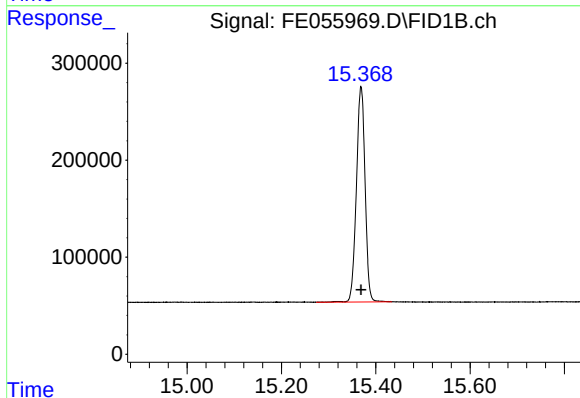
R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 2604387
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

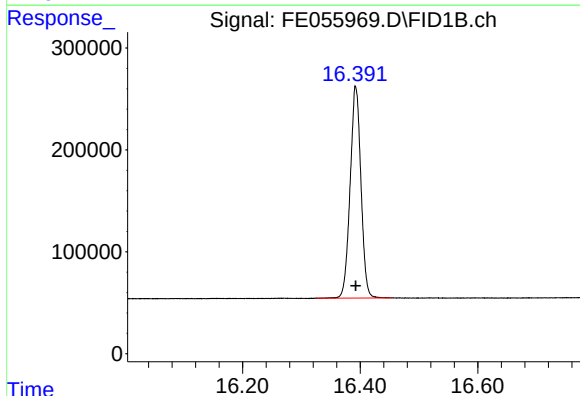
R.T.: 14.262 min
Delta R.T.: 0.000 min
Response: 2966663
Conc: 18.57 ug/ml

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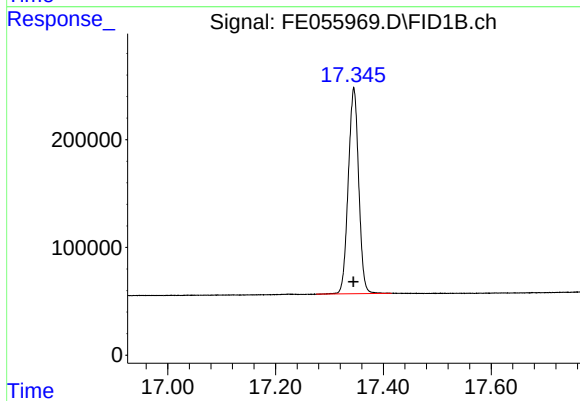
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: 0.000 min
Response: 2831430
Conc: 18.58 ug/ml



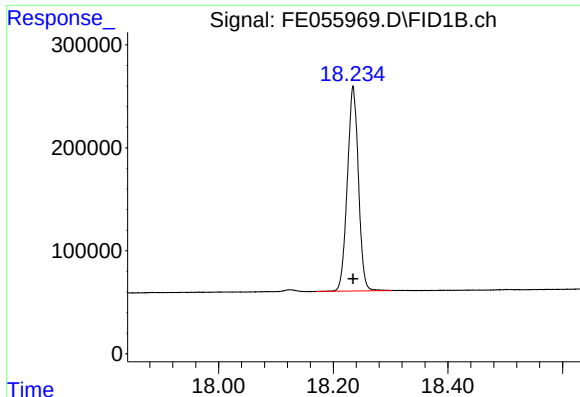
#15 n-Hexacosane (C26)

R.T.: 16.393 min
Delta R.T.: 0.000 min
Response: 2648105
Conc: 18.57 ug/ml



#16 n-Octacosane (C28)

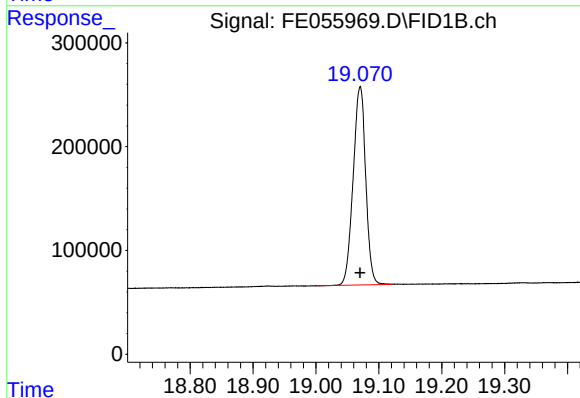
R.T.: 17.345 min
Delta R.T.: 0.000 min
Response: 2567950
Conc: 18.43 ug/ml



#17 n-Tricontane (C30)

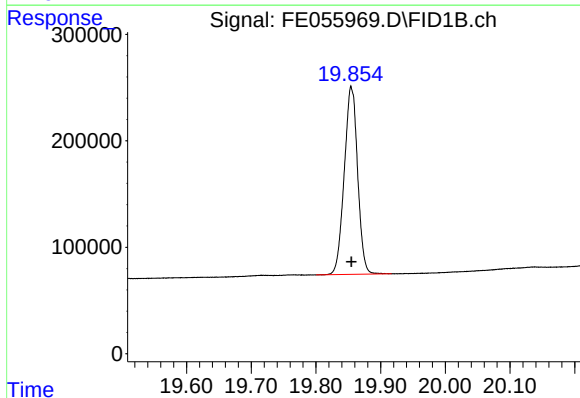
R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 2664495
Conc: 17.98 ug/ml

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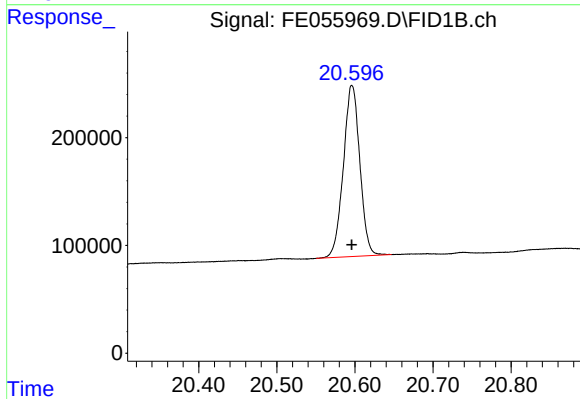
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.000 min
Response: 2645278
Conc: 17.73 ug/ml



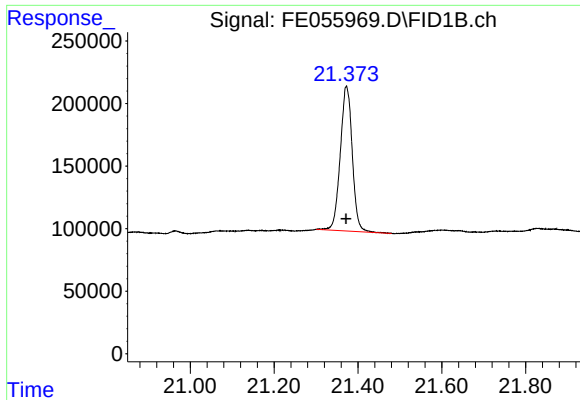
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: 0.000 min
Response: 2530128
Conc: 17.89 ug/ml



#20 n-Hexatriacontane (C36)

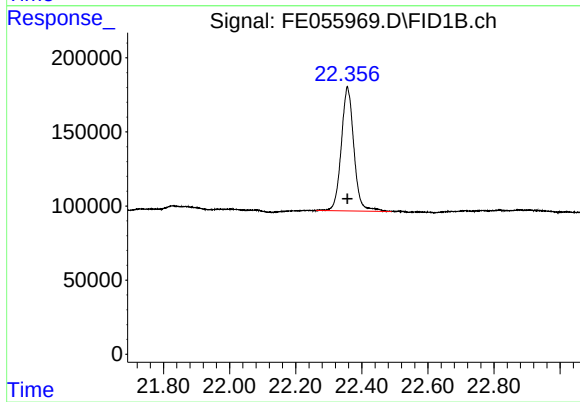
R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 2329741
Conc: 18.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.373 min
Delta R.T.: 0.001 min
Response: 2294436
Conc: 17.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.357 min
Delta R.T.: 0.000 min
Response: 2211234
Conc: 18.59 ug/ml