

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100125AL\
 Data File : FE056139.D
 Signal(s) : FID1B.ch
 Acq On : 01 Oct 2025 21:08
 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: Oct 03 02:39:05 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	3638075	19.387 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
12) S 1-chlorooctadecane (S...	13.505	2743211	19.655 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.411	2303849	16.817 ug/ml
2) T n-Decane (C10)	4.669	2414022	17.297 ug/ml
3) T A~Naphthalene (C11.7)	6.388	2969386	18.598 ug/ml
4) T n-Dodecane (C12)	6.843	2612260	18.200 ug/ml
5) T A~2-methylnaphthalene...	7.488	2981887	19.174 ug/ml
6) T n-Tetradecane (C14)	8.679	2827691	19.126 ug/ml
7) T n-Hexadecane (C16)	10.293	3145417	19.794 ug/ml
8) T n-Octadecane (C18)	11.742	3358029	19.825 ug/ml
10) T n-Eicosane (C20)	13.057	3252632	19.622 ug/ml
11) T n-Heneicosane (C21)	13.671	3132341	19.277 ug/ml
13) T n-Docosane (C22)	14.258	3057563	19.135 ug/ml
14) T n-Tetracosane (C24)	15.364	2914205	19.124 ug/ml
15) T n-Hexacosane (C26)	16.388	2714020	19.028 ug/ml
16) T n-Octacosane (C28)	17.340	2653783	19.050 ug/ml
17) T n-Tricontane (C30)	18.229	2788098	18.815 ug/ml
18) T n-Dotriacontane (C32)	19.063	2882899	19.323 ug/ml
19) T n-Tetratriacontane (C34)	19.848	2774417	19.614 ug/ml
20) T n-Hexatriacontane (C36)	20.589	2544950	19.825 ug/ml
21) T n-Octatriacontane (C38)	21.363	2420597	18.430 ug/ml
22) T n-Tetracontane (C40)	22.343	2259172	18.990 ug/ml

(f)=RT Delta > 1/2 Window

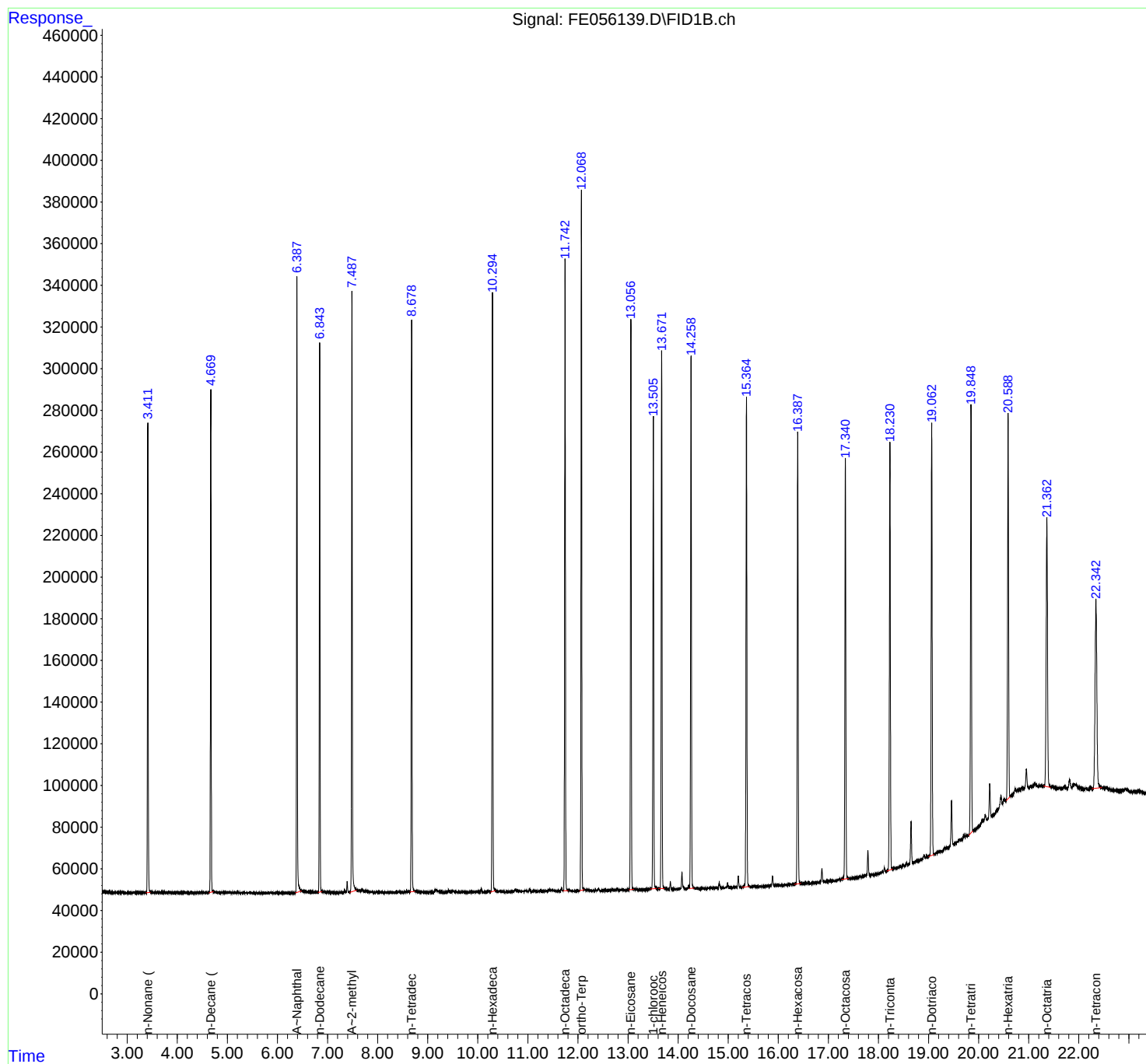
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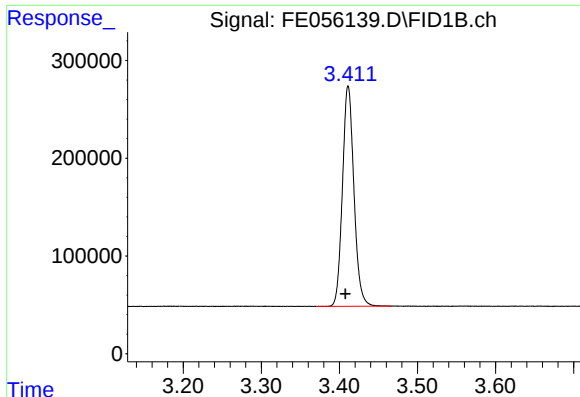
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100125AL\
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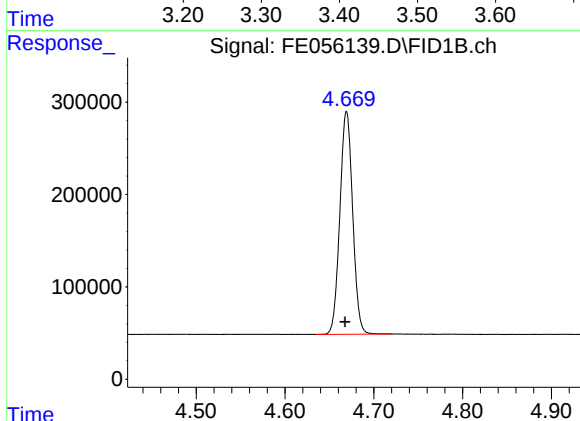




#1 n-Nonane (C9)

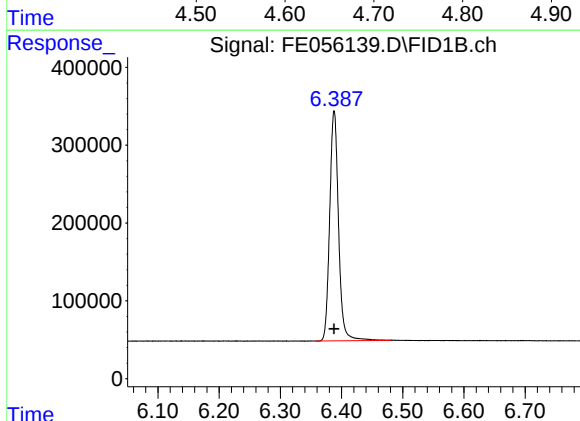
R.T.: 3.411 min
Delta R.T.: 0.003 min
Response: 2303849
Conc: 16.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



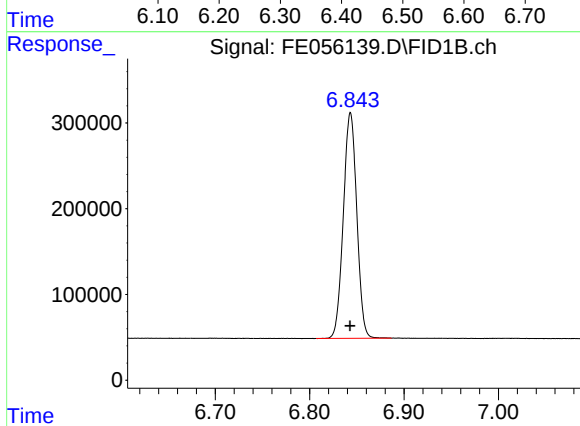
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: 0.002 min
Response: 2414022
Conc: 17.30 ug/ml



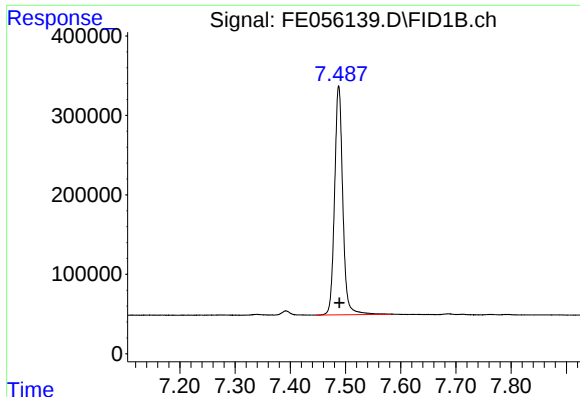
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 2969386
Conc: 18.60 ug/ml



#4 n-Dodecane (C12)

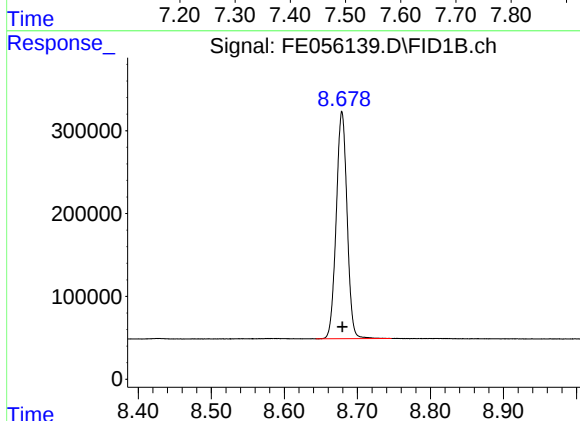
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 2612260
Conc: 18.20 ug/ml



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

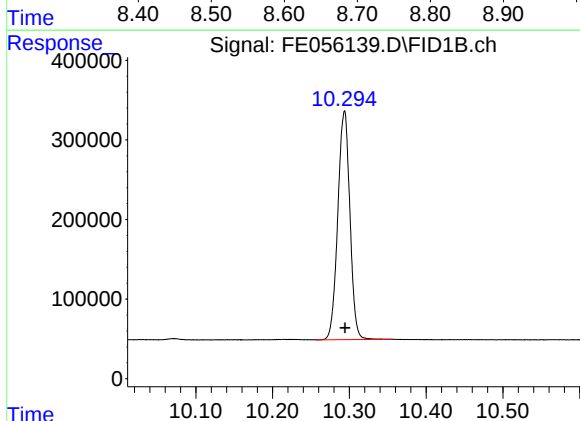
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 2981887
Conc: 19.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



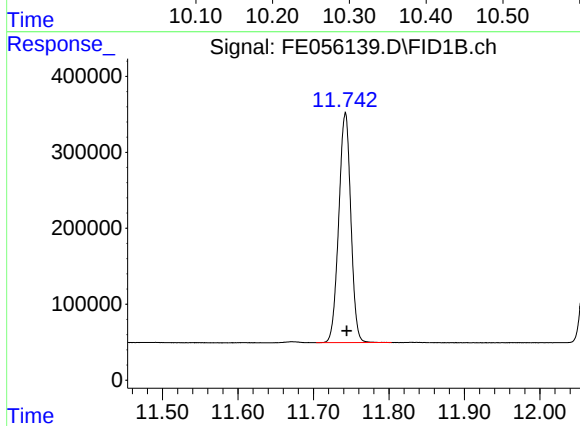
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 2827691
Conc: 19.13 ug/ml



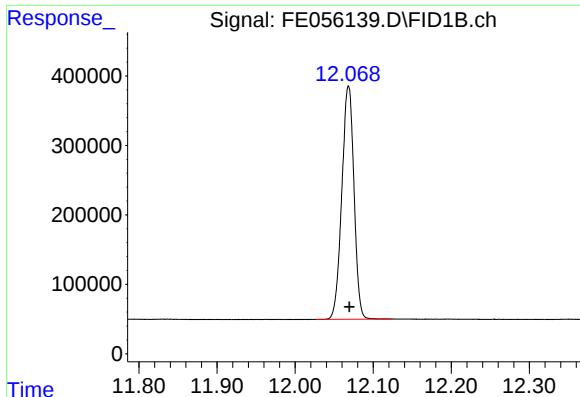
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: 0.000 min
Response: 3145417
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

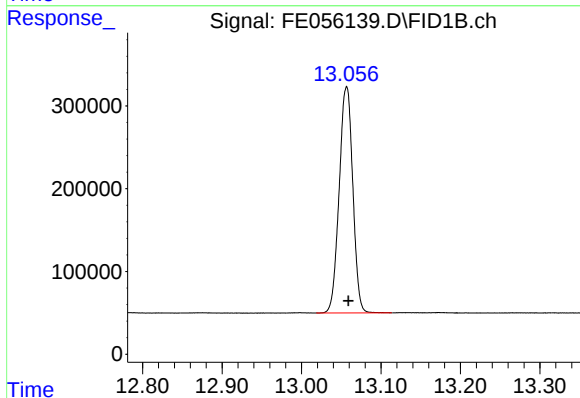
R.T.: 11.742 min
Delta R.T.: -0.002 min
Response: 3358029
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

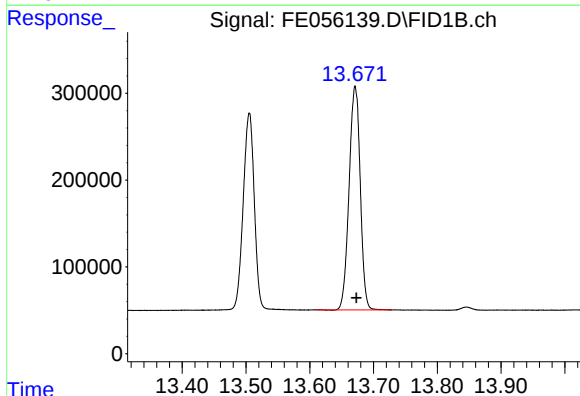
R.T.: 12.068 min
Delta R.T.: -0.002 min
Response: 3638075
Conc: 19.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



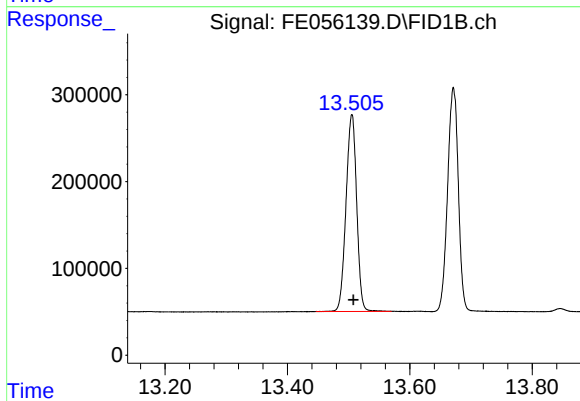
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: -0.002 min
Response: 3252632
Conc: 19.62 ug/ml



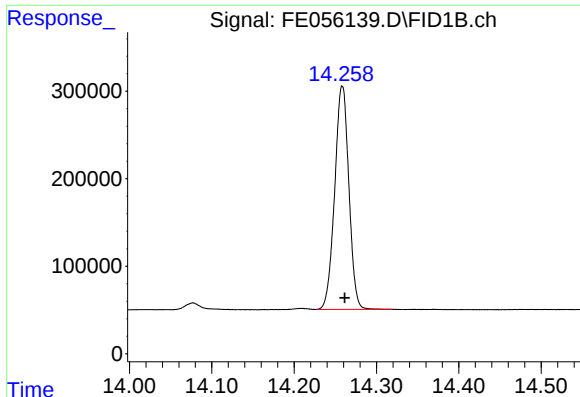
#11 n-Heneicosane (C21)

R.T.: 13.671 min
Delta R.T.: -0.002 min
Response: 3132341
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

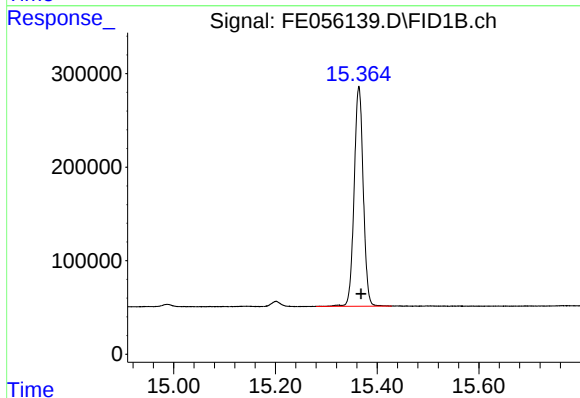
R.T.: 13.505 min
Delta R.T.: -0.002 min
Response: 2743211
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

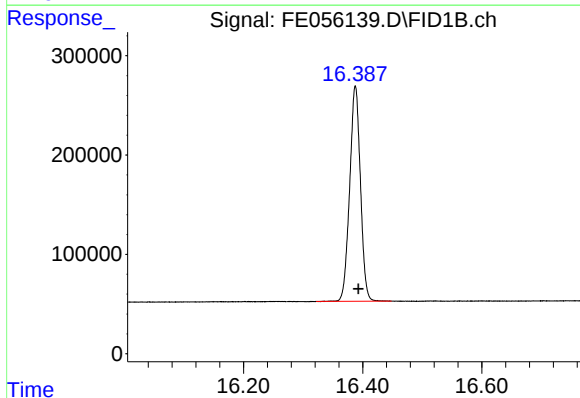
R.T.: 14.258 min
Delta R.T.: -0.003 min
Response: 3057563
Conc: 19.13 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



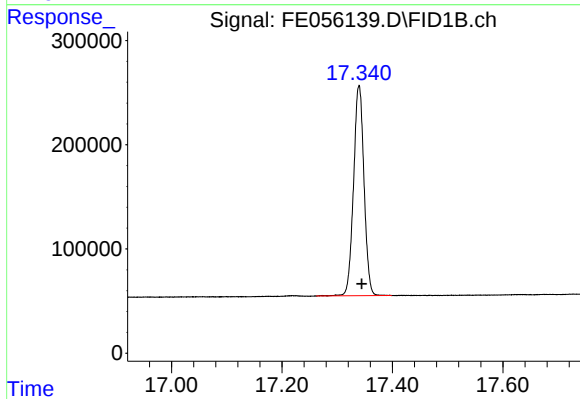
#14 n-Tetracosane (C24)

R.T.: 15.364 min
Delta R.T.: -0.005 min
Response: 2914205
Conc: 19.12 ug/ml



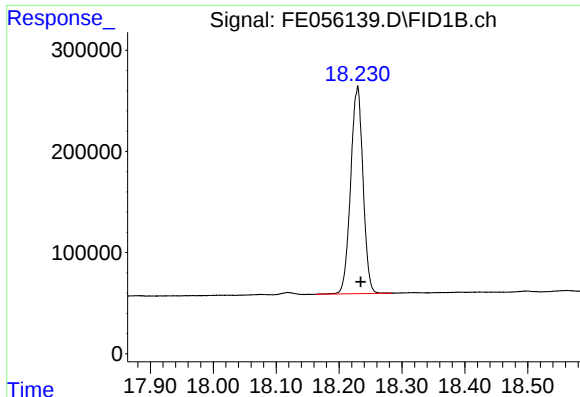
#15 n-Hexacosane (C26)

R.T.: 16.388 min
Delta R.T.: -0.005 min
Response: 2714020
Conc: 19.03 ug/ml



#16 n-Octacosane (C28)

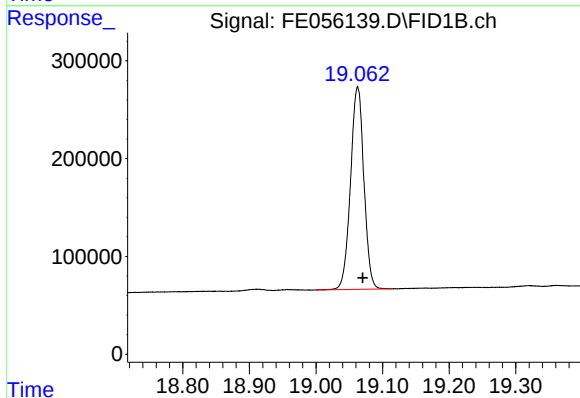
R.T.: 17.340 min
Delta R.T.: -0.005 min
Response: 2653783
Conc: 19.05 ug/ml



#17 n-Tricontane (C30)

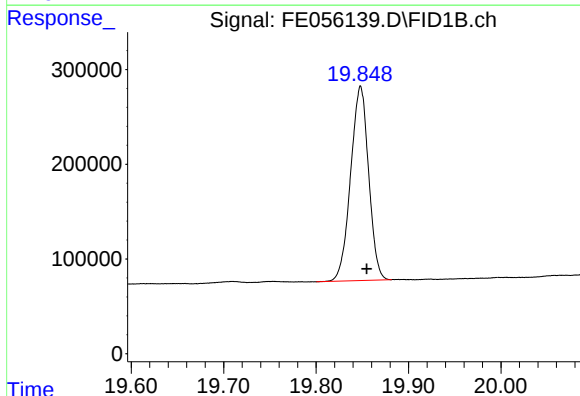
R.T.: 18.229 min
Delta R.T.: -0.006 min
Response: 2788098
Conc: 18.82 ug/ml

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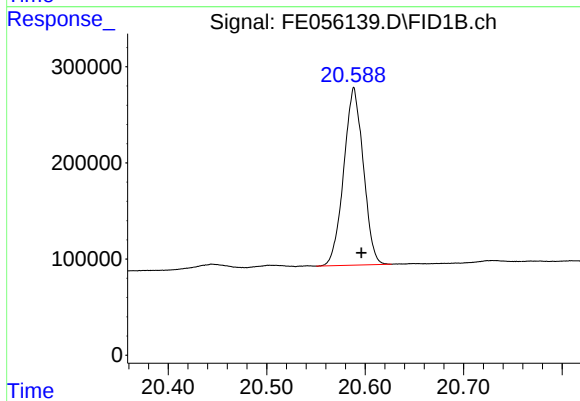
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: -0.008 min
Response: 2882899
Conc: 19.32 ug/ml



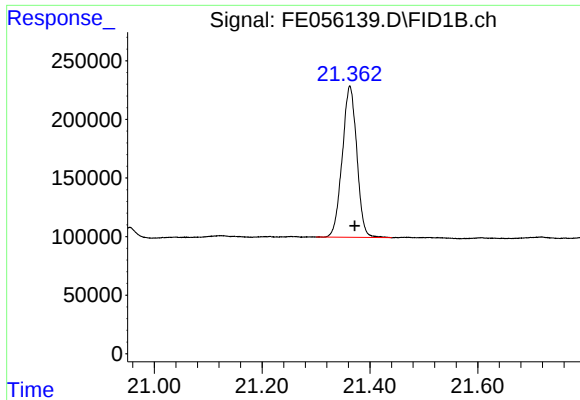
#19 n-Tetratriacontane (C34)

R.T.: 19.848 min
Delta R.T.: -0.007 min
Response: 2774417
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

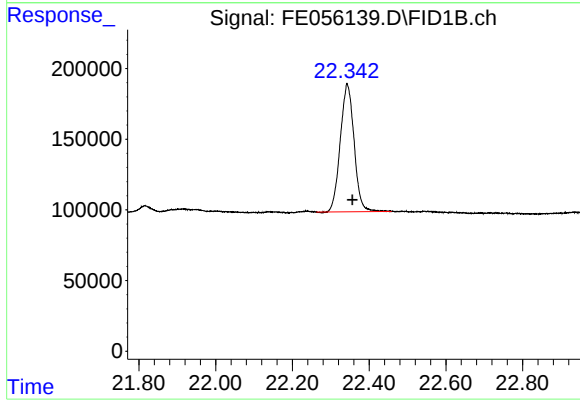
R.T.: 20.589 min
Delta R.T.: -0.008 min
Response: 2544950
Conc: 19.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.009 min
Response: 2420597
Conc: 18.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.343 min
Delta R.T.: -0.013 min
Response: 2259172
Conc: 18.99 ug/ml