

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041125AL\
 Data File : FE053315.D
 Signal(s) : FID1B.ch
 Acq On : 11 Apr 2025 08:50
 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: Apr 11 22:44:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.895	2921527	17.936 ug/ml
Spiked Amount 50.000		Recovery =	35.87%
12) S 1-chlorooctadecane (S...	13.340	2277843	18.975 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
Target Compounds			
1) T n-Nonane (C9)	3.237	2674903	17.275 ug/ml
2) T n-Decane (C10)	4.499	2842129	18.119 ug/ml
3) T A~Naphthalene (C11.7)	6.213	3000134	17.859 ug/ml
4) T n-Dodecane (C12)	6.680	2865746	18.323 ug/ml
5) T A~2-methylnaphthalene...	7.316	2871431	17.996 ug/ml
6) T n-Tetradecane (C14)	8.516	2830286	18.485 ug/ml
7) T n-Hexadecane (C16)	10.130	2876498	18.661 ug/ml
8) T n-Octadecane (C18)	11.579	2838840	18.718 ug/ml
10) T n-Eicosane (C20)	12.894	2674183	18.756 ug/ml
11) T n-Heneicosane (C21)	13.508	2570842	18.526 ug/ml
13) T n-Docosane (C22)	14.096	2602357	19.001 ug/ml
14) T n-Tetracosane (C24)	15.202	2701266	20.001 ug/ml
15) T n-Hexacosane (C26)	16.226	2777195	20.817 ug/ml
16) T n-Octacosane (C28)	17.179	2866202	21.719 ug/ml
17) T n-Tricontane (C30)	18.068	3008719	22.198 ug/ml
18) T n-Dotriacontane (C32)	18.902	2988460	22.209 ug/ml
19) T n-Tetratriacontane (C34)	19.687	2573788	19.891 ug/ml
20) T n-Hexatriacontane (C36)	20.429	2259031	19.017 ug/ml
21) T n-Octatriacontane (C38)	21.168	1993995	17.349 ug/ml
22) T n-Tetracontane (C40)	22.085	1848317	16.457 ug/ml

(f)=RT Delta > 1/2 Window

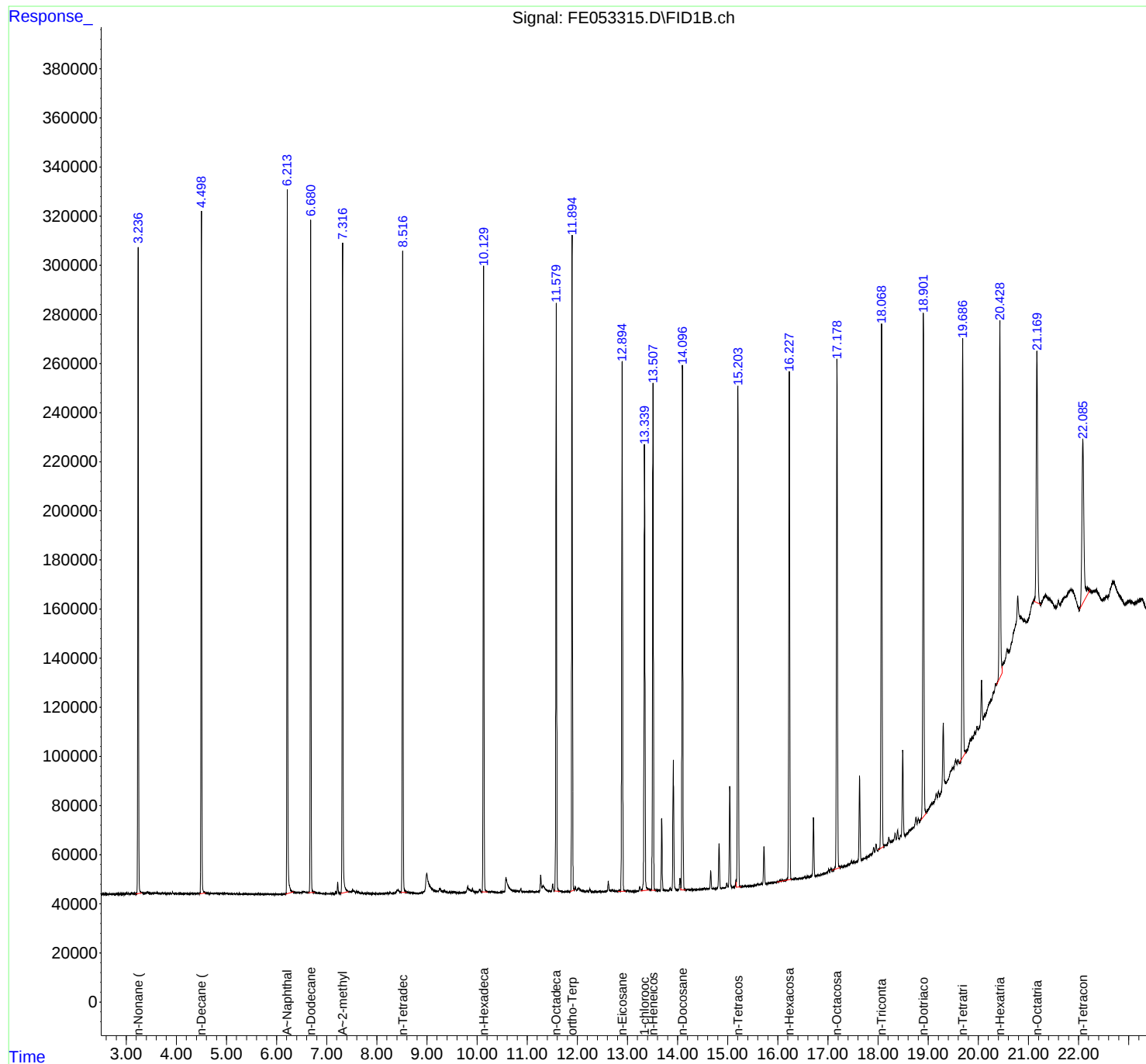
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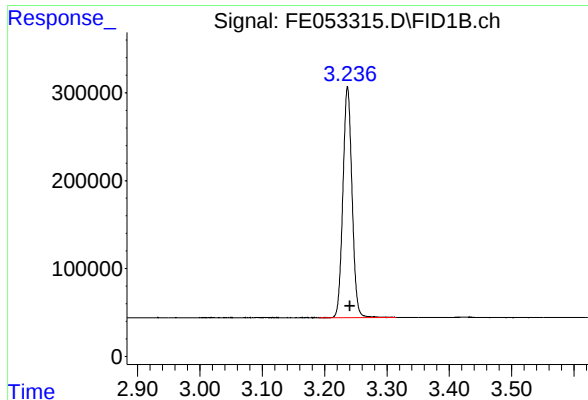
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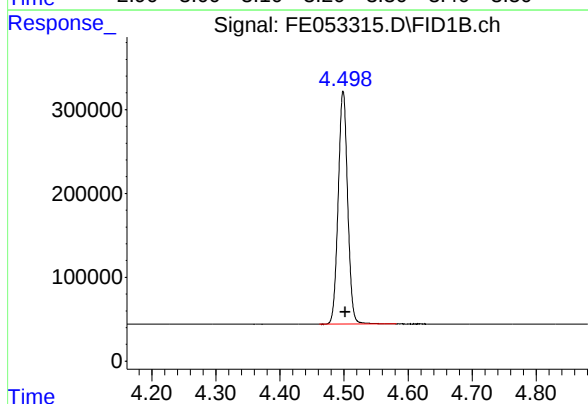




#1 n-Nonane (C9)

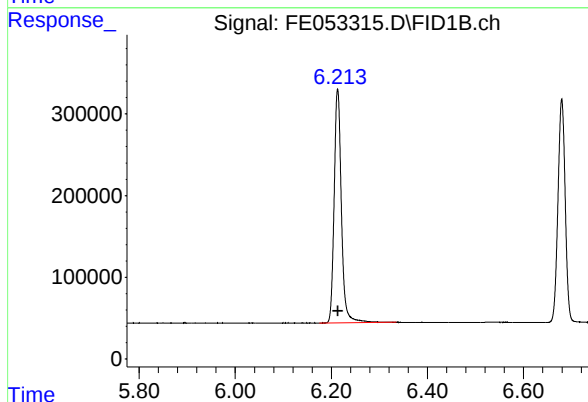
R.T.: 3.237 min
Delta R.T.: -0.004 min
Response: 2674903
Conc: 17.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



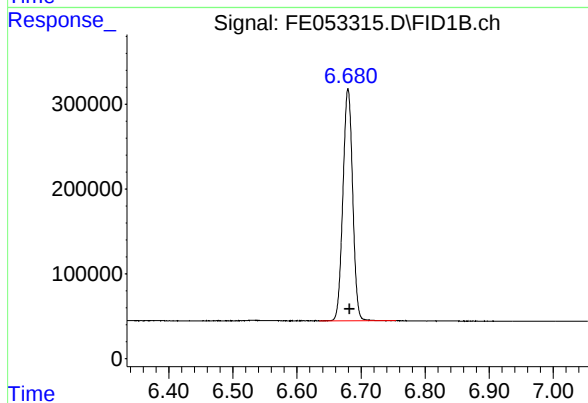
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 2842129
Conc: 18.12 ug/ml



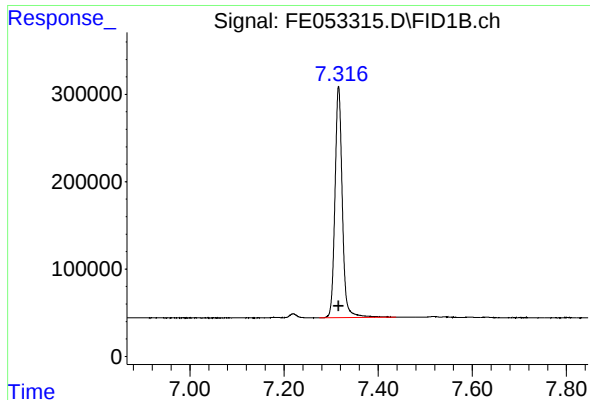
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 3000134
Conc: 17.86 ug/ml



#4 n-Dodecane (C12)

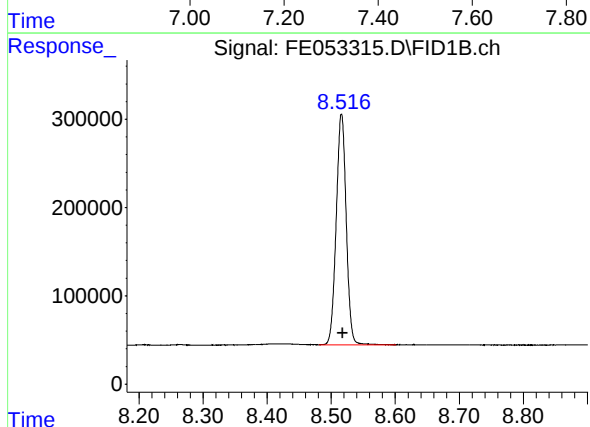
R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 2865746
Conc: 18.32 ug/ml



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

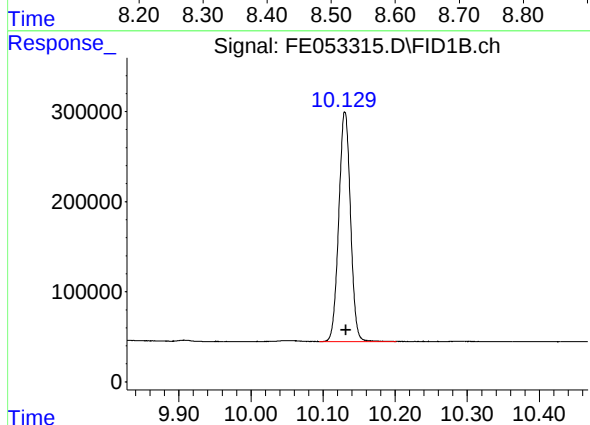
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 2871431
Conc: 18.00 ug/ml

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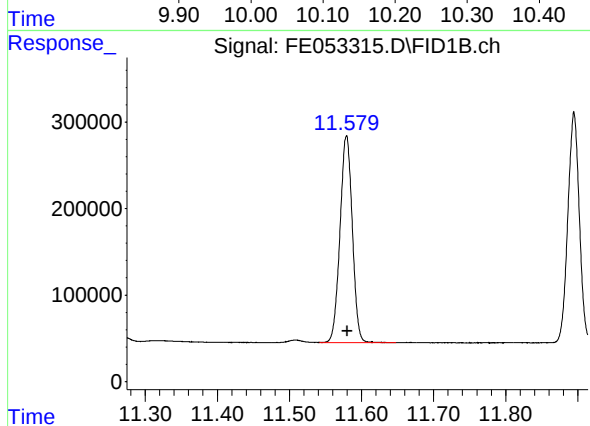
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 2830286
Conc: 18.48 ug/ml



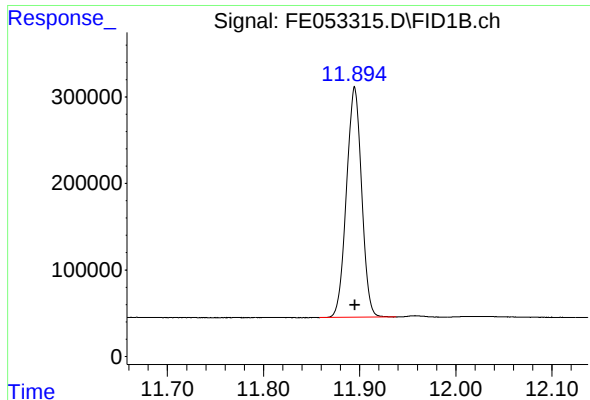
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.001 min
Response: 2876498
Conc: 18.66 ug/ml



#8 n-Octadecane (C18)

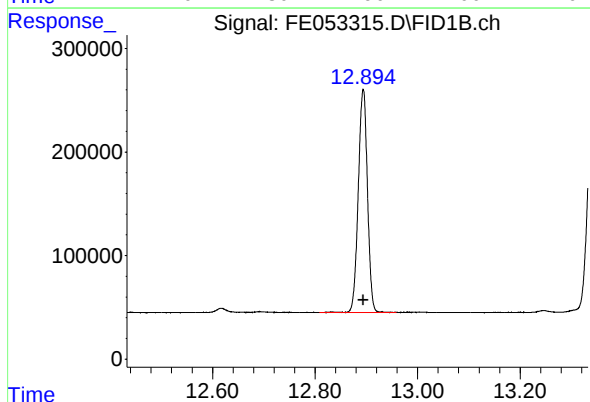
R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 2838840
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

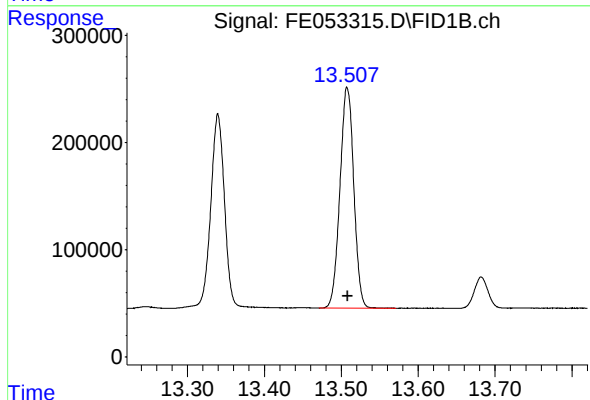
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 2921527
Conc: 17.94 ug/ml

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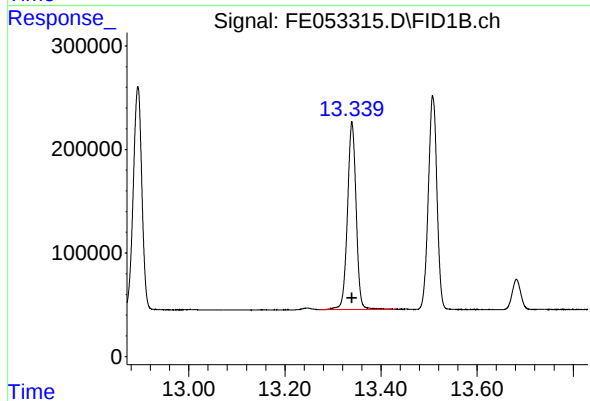
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 2674183
Conc: 18.76 ug/ml



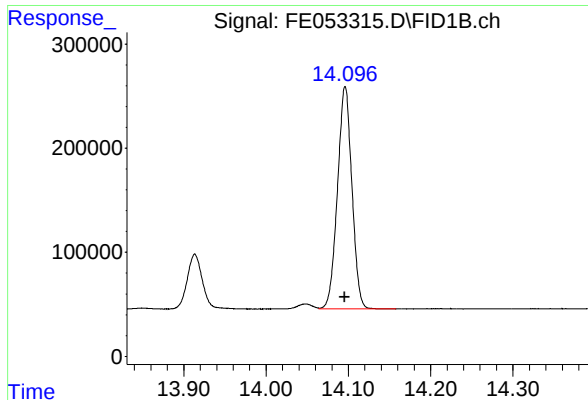
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2570842
Conc: 18.53 ug/ml



#12 1-chlorooctadecane (SURR)

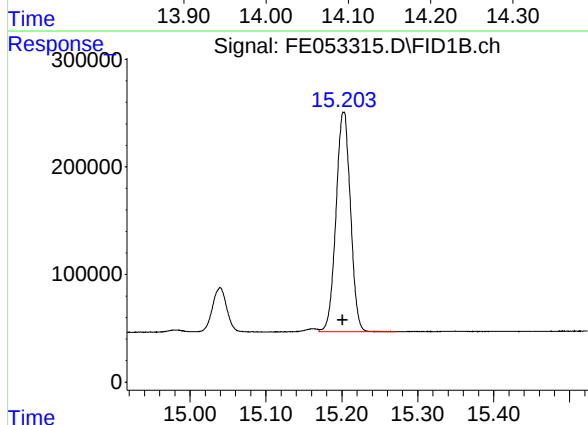
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 2277843
Conc: 18.97 ug/ml



#13 n-Docosane (C22)

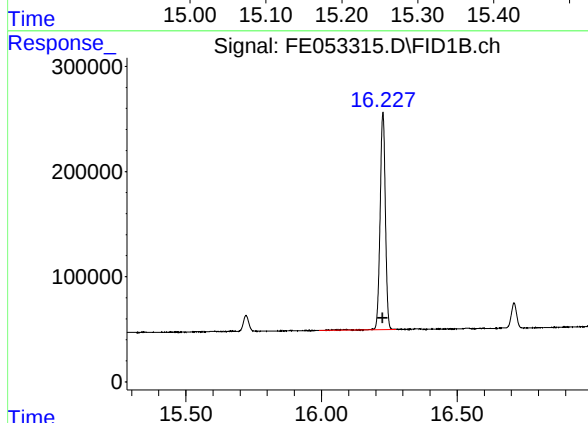
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 2602357
Conc: 19.00 ug/ml

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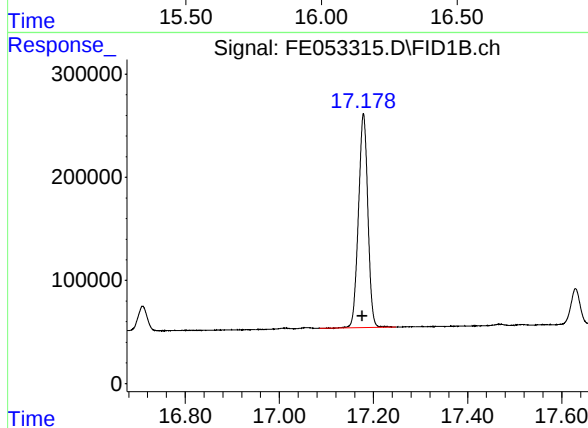
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 2701266
Conc: 20.00 ug/ml



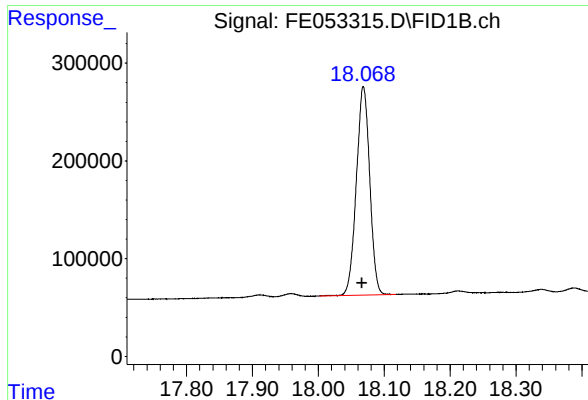
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: 0.000 min
Response: 2777195
Conc: 20.82 ug/ml



#16 n-Octacosane (C28)

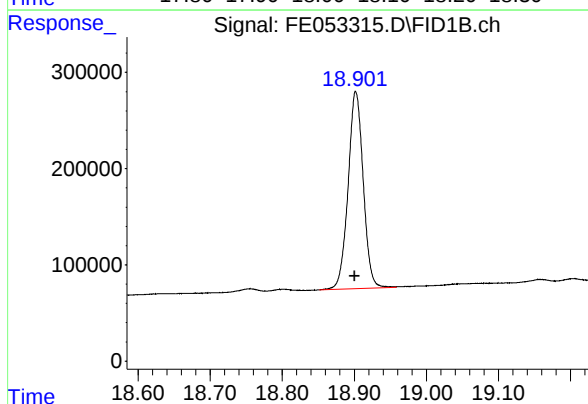
R.T.: 17.179 min
Delta R.T.: 0.002 min
Response: 2866202
Conc: 21.72 ug/ml



#17 n-Tricontane (C30)

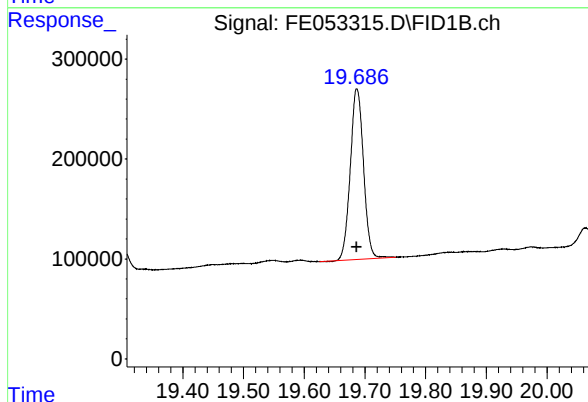
R.T.: 18.068 min
Delta R.T.: 0.002 min
Response: 3008719
Conc: 22.20 ug/ml

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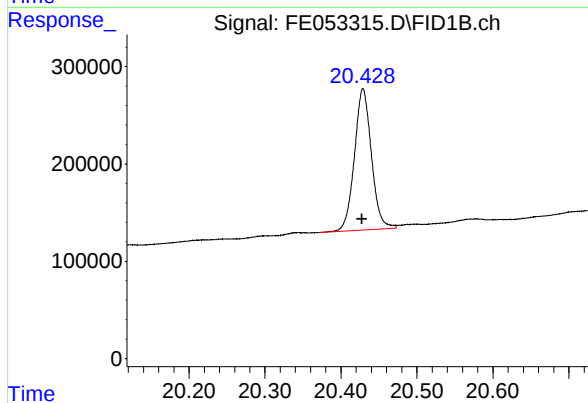
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: 0.002 min
Response: 2988460
Conc: 22.21 ug/ml



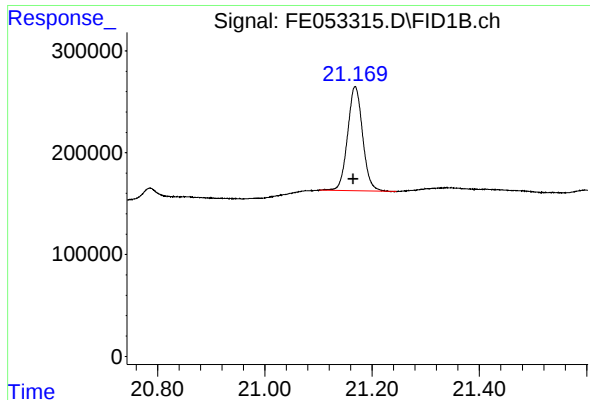
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.001 min
Response: 2573788
Conc: 19.89 ug/ml



#20 n-Hexatriacontane (C36)

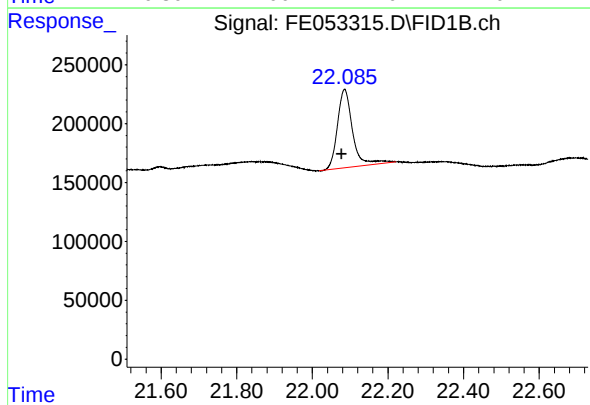
R.T.: 20.429 min
Delta R.T.: 0.001 min
Response: 2259031
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.003 min
Response: 1993995
Conc: 17.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.085 min
Delta R.T.: 0.007 min
Response: 1848317
Conc: 16.46 ug/ml