

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103024AL\
 Data File : FE050916.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2024 00:28
 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 31 05:19:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.857	3106833	19.706 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.290	2403883	20.321 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
Target Compounds			
1) T n-Nonane (C9)	3.244	2750806	19.469 ug/ml
2) T n-Decane (C10)	4.495	2836917	19.773 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2733098	19.114 ug/ml
4) T n-Dodecane (C12)	6.663	2856867	19.848 ug/ml
5) T A~2-methylnaphthalene...	7.304	2556776	19.299 ug/ml
6) T n-Tetradecane (C14)	8.490	2831984	19.795 ug/ml
7) T n-Hexadecane (C16)	10.095	2941049	19.984 ug/ml
8) T n-Octadecane (C18)	11.537	2981018	19.957 ug/ml
10) T n-Eicosane (C20)	12.844	2870047	20.014 ug/ml
11) T n-Heneicosane (C21)	13.455	2816834	20.058 ug/ml
13) T n-Docosane (C22)	14.041	2837761	20.227 ug/ml
14) T n-Tetracosane (C24)	15.142	2826637	20.008 ug/ml
15) T n-Hexacosane (C26)	16.162	2871360	20.405 ug/ml
16) T n-Octacosane (C28)	17.111	3066258	20.954 ug/ml
17) T n-Tricontane (C30)	17.998	3477829	21.873 ug/ml
18) T n-Dotriacontane (C32)	18.829	3656827	22.557 ug/ml
19) T n-Tetratriacontane (C34)	19.612	3249213	22.120 ug/ml
20) T n-Hexatriacontane (C36)	20.351	2682431	21.152 ug/ml
21) T n-Octatriacontane (C38)	21.076	2423409	19.599 ug/ml
22) T n-Tetracontane (C40)	21.958	1929703	17.330 ug/ml

(f)=RT Delta > 1/2 Window

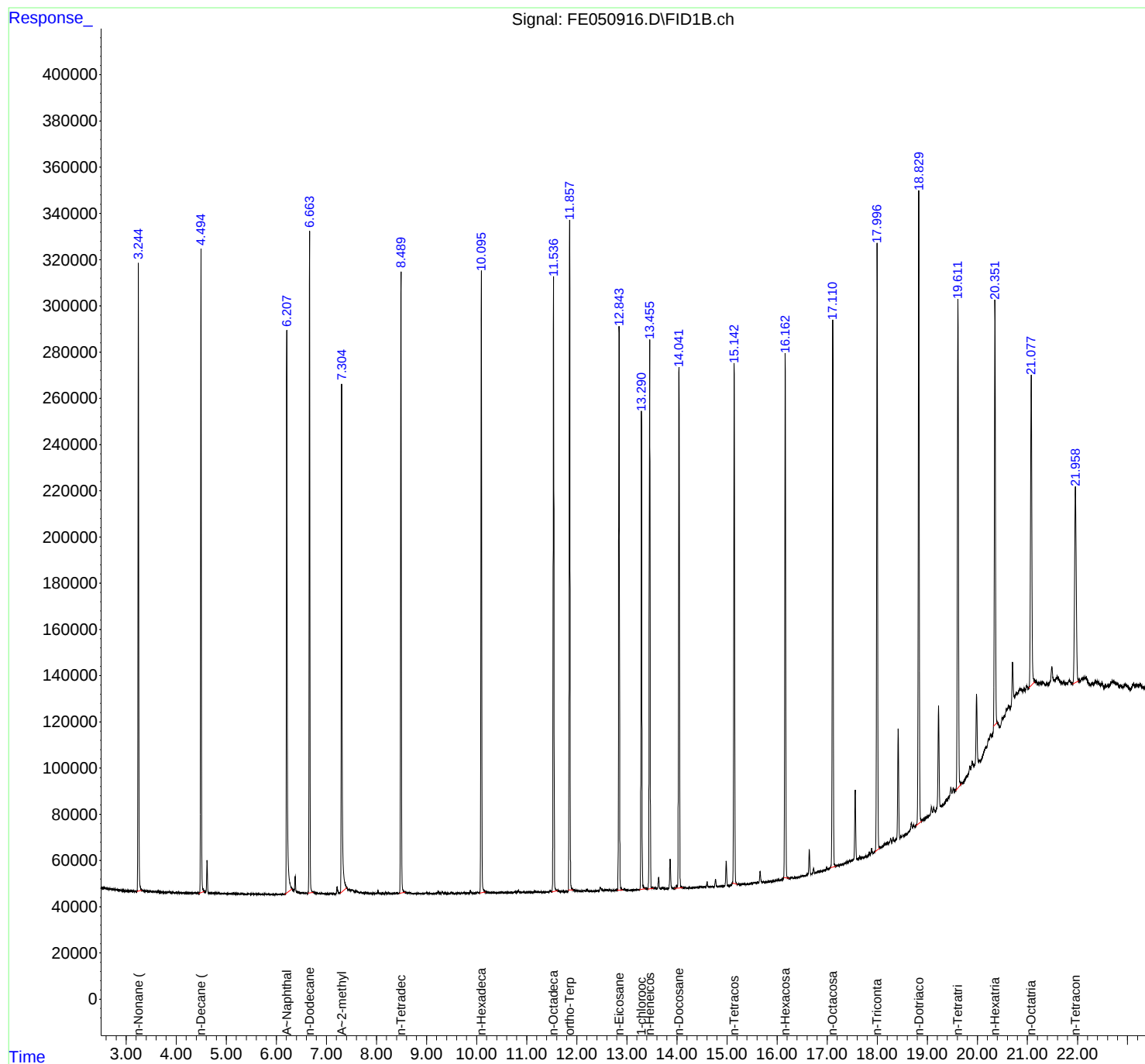
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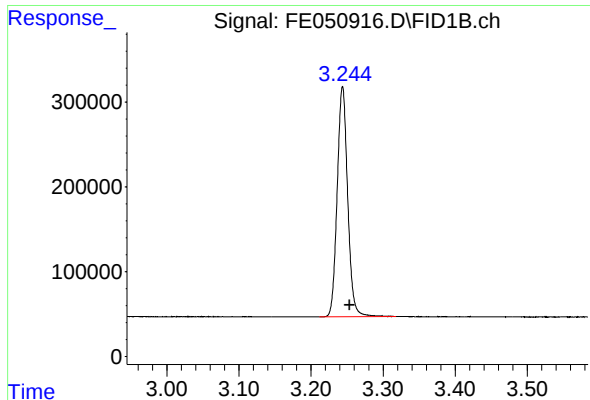
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103024AL\
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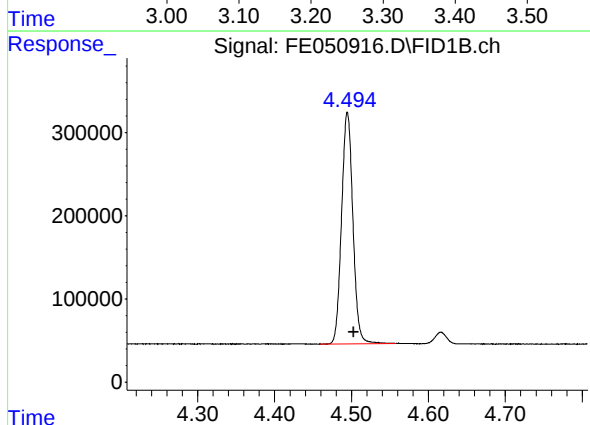




#1 n-Nonane (C9)

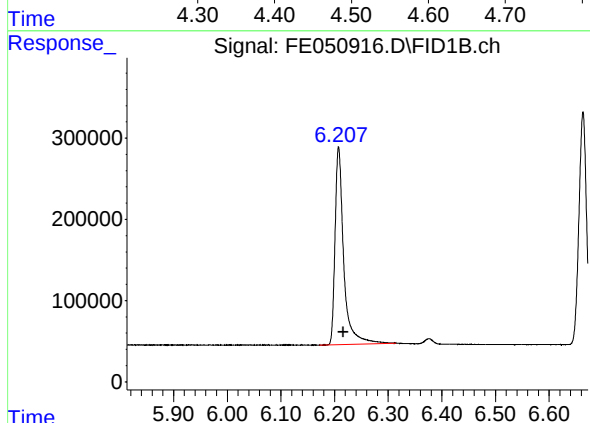
R.T.: 3.244 min
Delta R.T.: -0.010 min
Response: 2750806
Conc: 19.47 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



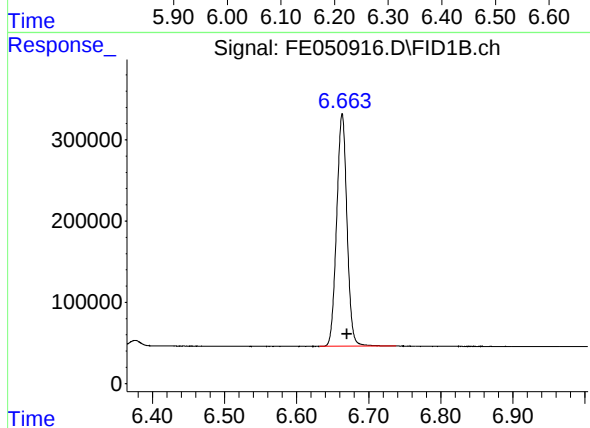
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.008 min
Response: 2836917
Conc: 19.77 ug/ml



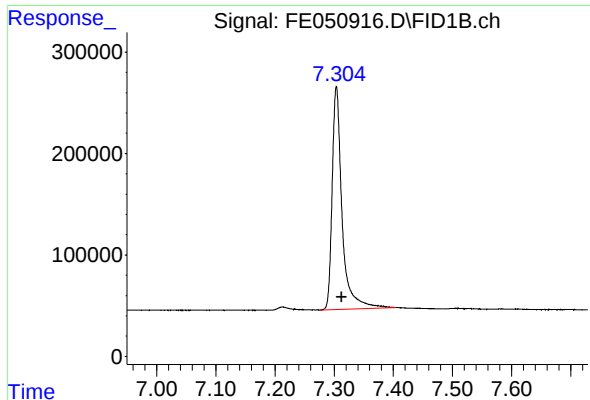
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.009 min
Response: 2733098
Conc: 19.11 ug/ml



#4 n-Dodecane (C12)

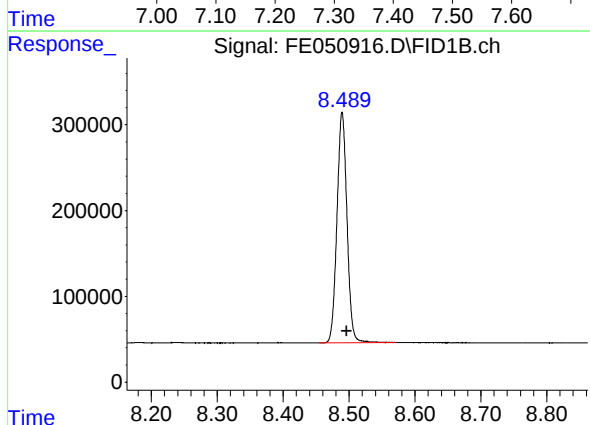
R.T.: 6.663 min
Delta R.T.: -0.007 min
Response: 2856867
Conc: 19.85 ug/ml



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

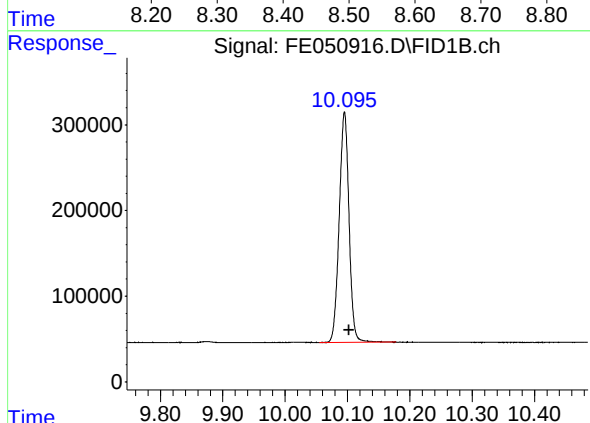
R.T.: 7.304 min
Delta R.T.: -0.009 min
Response: 2556776
Conc: 19.30 ug/ml

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20 PPM ALIPHATIC HC STD



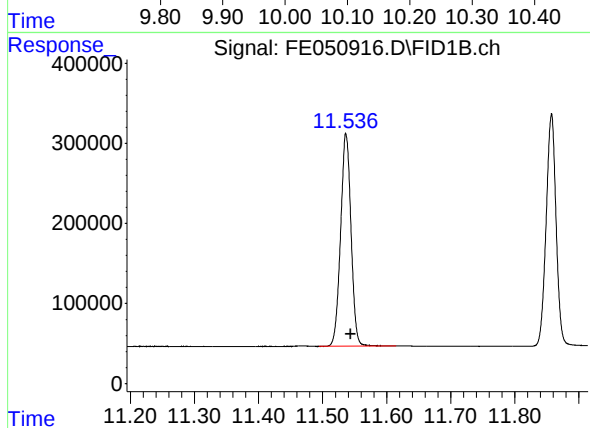
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.007 min
Response: 2831984
Conc: 19.79 ug/ml



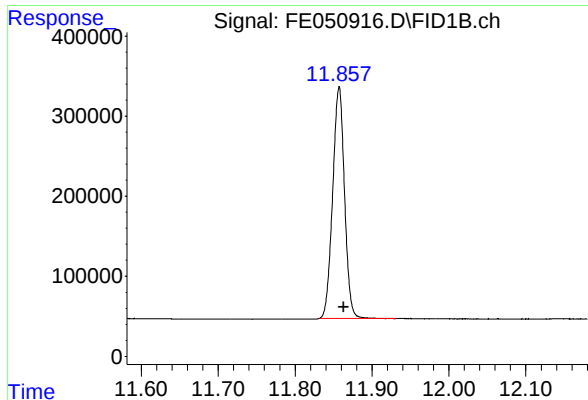
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: -0.007 min
Response: 2941049
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

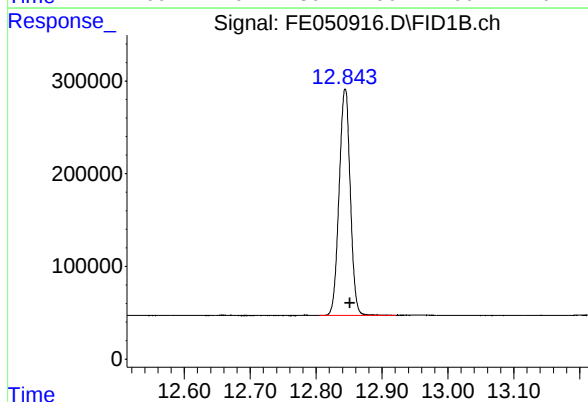
R.T.: 11.537 min
Delta R.T.: -0.007 min
Response: 2981018
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

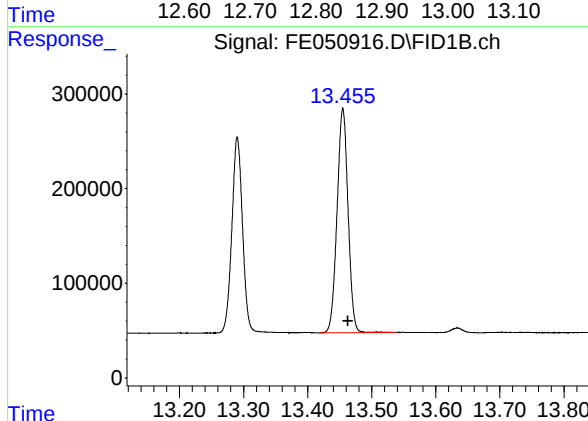
R.T.: 11.857 min
Delta R.T.: -0.006 min
Response: 3106833
Conc: 19.71 ug/ml

Instrument :
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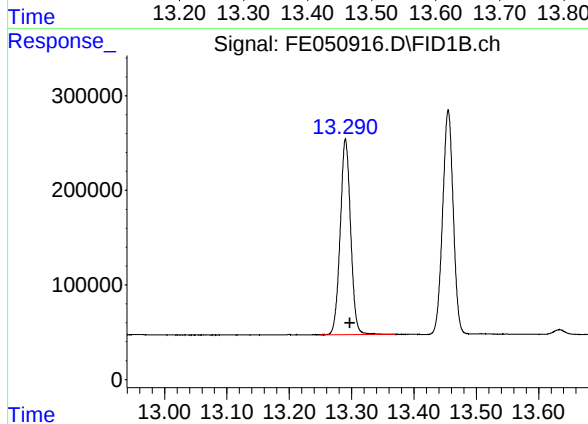
#10 n-Eicosane (C20)

R.T.: 12.844 min
Delta R.T.: -0.008 min
Response: 2870047
Conc: 20.01 ug/ml



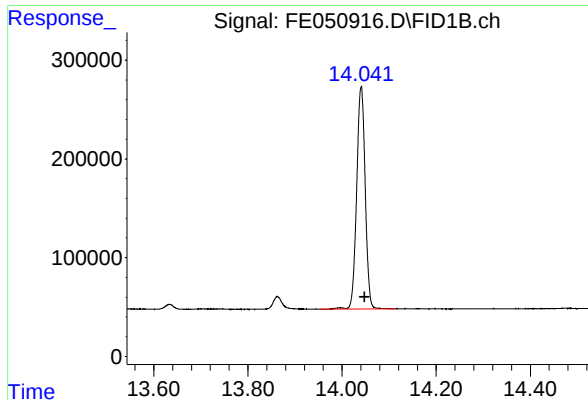
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.008 min
Response: 2816834
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

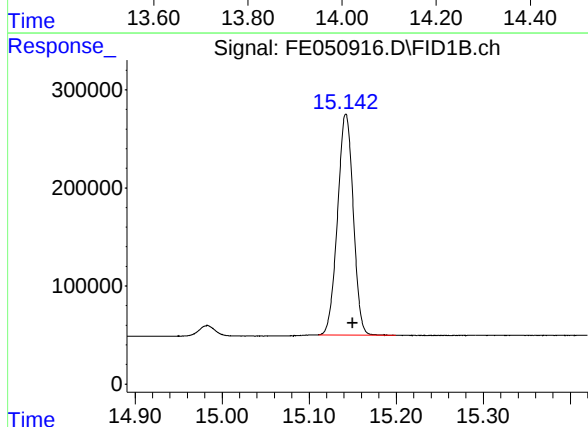
R.T.: 13.290 min
Delta R.T.: -0.007 min
Response: 2403883
Conc: 20.32 ug/ml



#13 n-Docosane (C22)

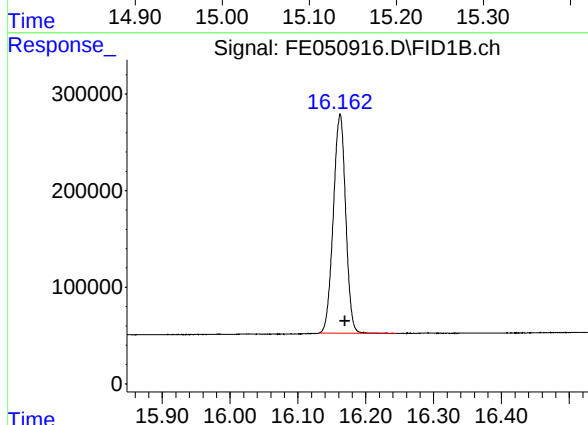
R.T.: 14.041 min
Delta R.T.: -0.007 min
Response: 2837761
Conc: 20.23 ug/ml

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20 PPM ALIPHATIC HC STD



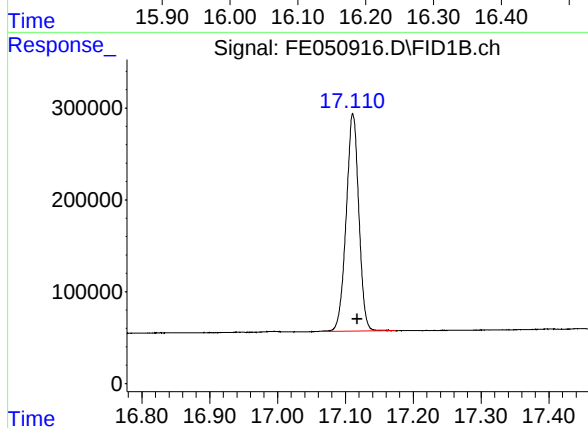
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.008 min
Response: 2826637
Conc: 20.01 ug/ml



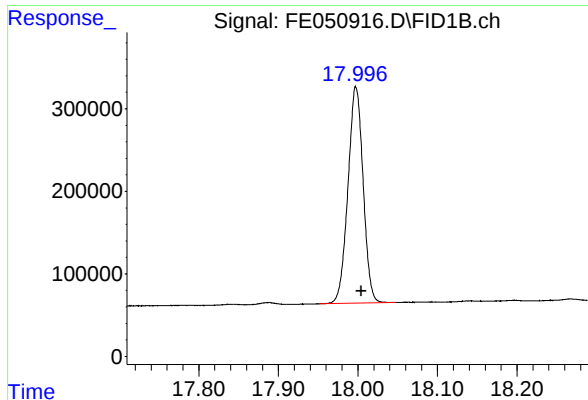
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.007 min
Response: 2871360
Conc: 20.41 ug/ml



#16 n-Octacosane (C28)

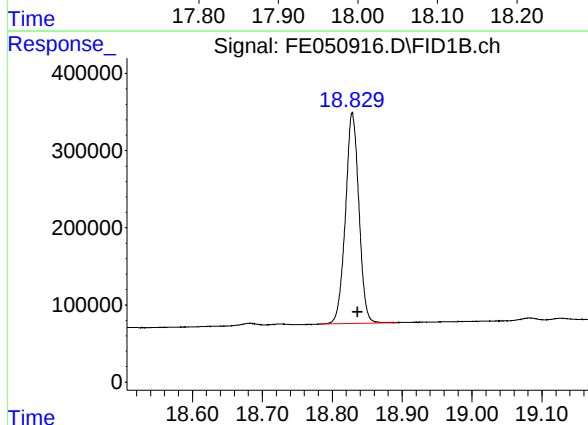
R.T.: 17.111 min
Delta R.T.: -0.006 min
Response: 3066258
Conc: 20.95 ug/ml



#17 n-Tricontane (C30)

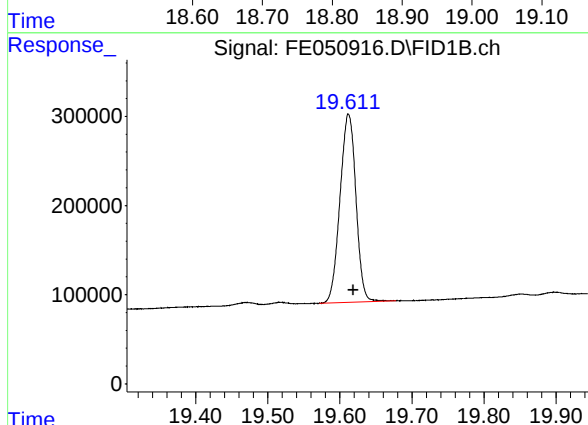
R.T.: 17.998 min
Delta R.T.: -0.007 min
Response: 3477829
Conc: 21.87 ug/ml

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20 PPM ALIPHATIC HC STD



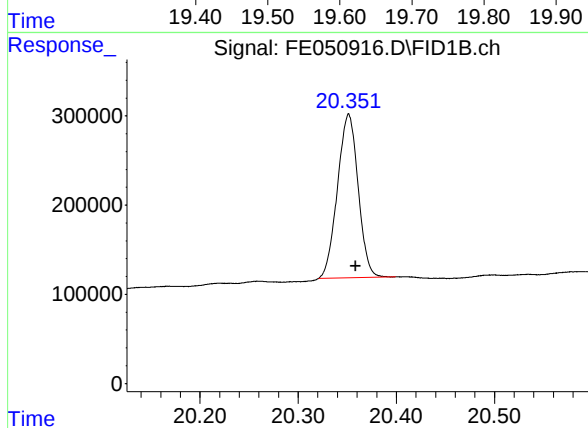
#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: -0.008 min
Response: 3656827
Conc: 22.56 ug/ml



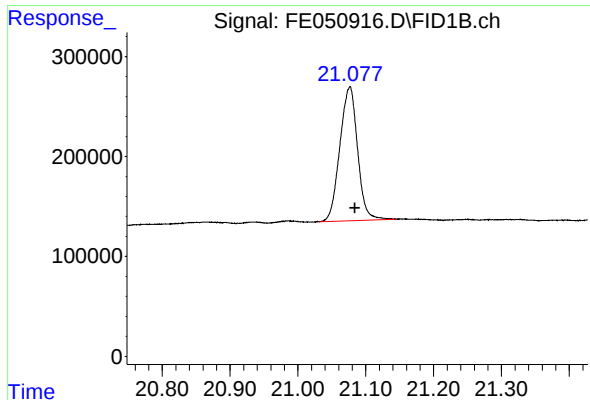
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.007 min
Response: 3249213
Conc: 22.12 ug/ml



#20 n-Hexatriacontane (C36)

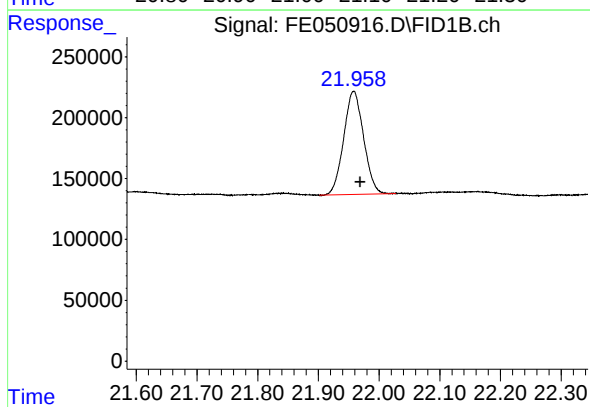
R.T.: 20.351 min
Delta R.T.: -0.007 min
Response: 2682431
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: -0.008 min
Response: 2423409
Conc: 19.60 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.011 min
Response: 1929703
Conc: 17.33 ug/ml