

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040325AL\
 Data File : FE053155.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2025 08:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 04 04:04:53 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)	11.892	3011525	18.489 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
12) S 1-chlorooctadecane (S...	13.337	2212000	18.426 ug/ml
Spiked Amount 50.000		Recovery =	36.85%
Target Compounds			
1) T n-Nonane (C9)	3.238	2817645	18.197 ug/ml
2) T n-Decane (C10)	4.499	2906802	18.531 ug/ml
3) T A~Naphthalene (C11.7)	6.211	3097456	18.438 ug/ml
4) T n-Dodecane (C12)	6.679	2895710	18.515 ug/ml
5) T A~2-methylnaphthalene...	7.313	2950733	18.493 ug/ml
6) T n-Tetradecane (C14)	8.515	2842665	18.565 ug/ml
7) T n-Hexadecane (C16)	10.129	2896320	18.789 ug/ml
8) T n-Octadecane (C18)	11.577	2864926	18.890 ug/ml
10) T n-Eicosane (C20)	12.891	2698838	18.929 ug/ml
11) T n-Heneicosane (C21)	13.505	2613227	18.831 ug/ml
13) T n-Docosane (C22)	14.093	2583502	18.864 ug/ml
14) T n-Tetracosane (C24)	15.200	2573563	19.055 ug/ml
15) T n-Hexacosane (C26)	16.223	2534365	18.997 ug/ml
16) T n-Octacosane (C28)	17.175	2565712	19.442 ug/ml
17) T n-Tricontane (C30)	18.064	2721908	20.082 ug/ml
18) T n-Dotriacontane (C32)	18.899	2752460	20.455 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2509679	19.395 ug/ml
20) T n-Hexatriacontane (C36)	20.425	2275519	19.156 ug/ml
21) T n-Octatriacontane (C38)	21.164	2203406	19.171 ug/ml
22) T n-Tetracontane (C40)	22.075	2109134	18.779 ug/ml

(f)=RT Delta > 1/2 Window

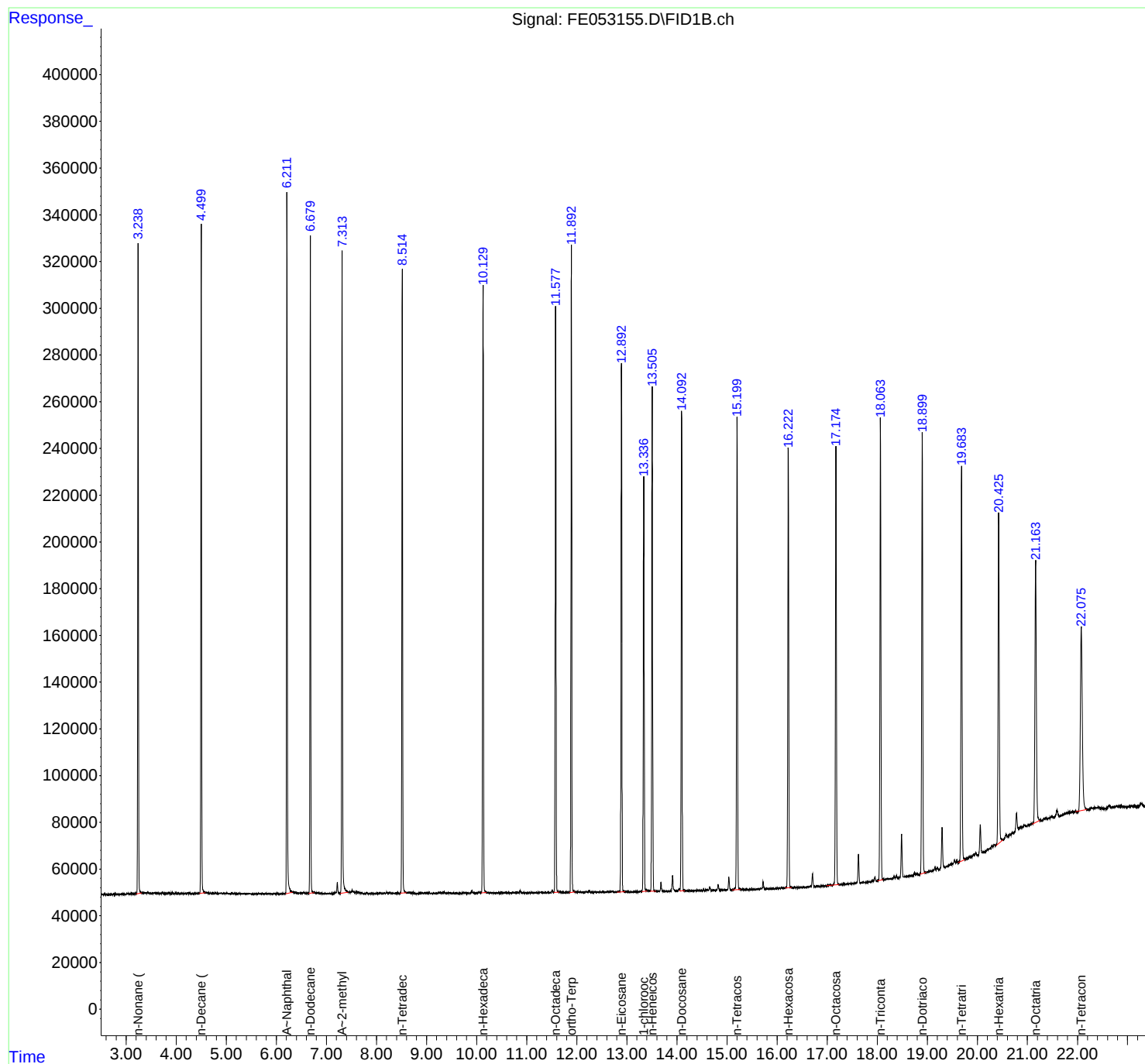
(m)=manual int.

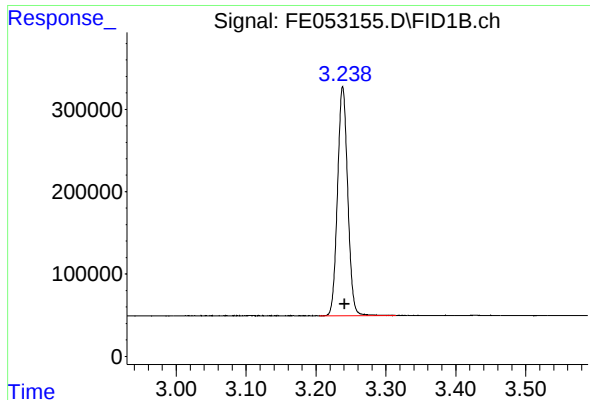
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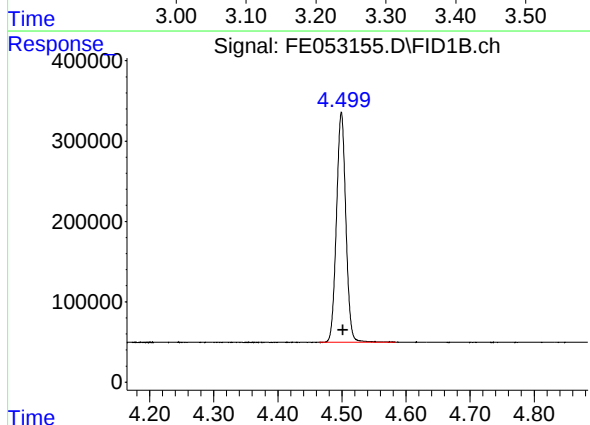




#1 n-Nonane (C9)

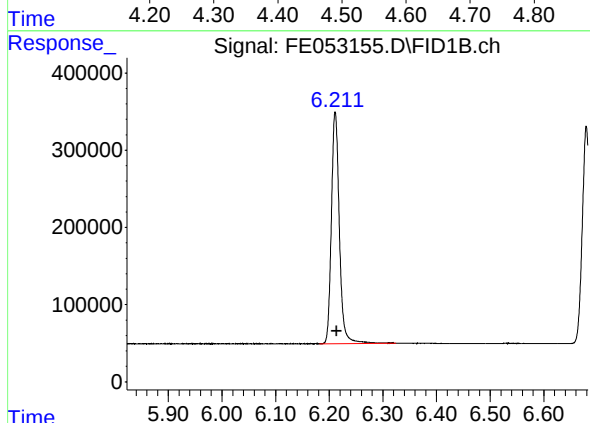
R.T.: 3.238 min
Delta R.T.: -0.003 min
Response: 2817645
Conc: 18.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



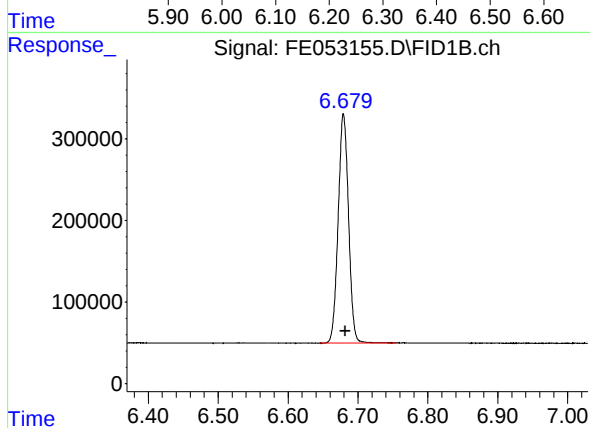
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 2906802
Conc: 18.53 ug/ml



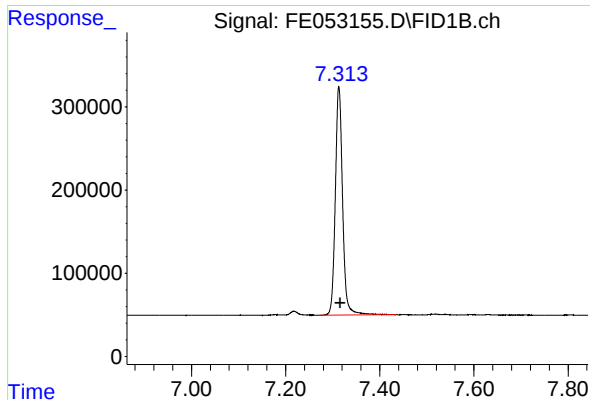
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 3097456
Conc: 18.44 ug/ml



#4 n-Dodecane (C12)

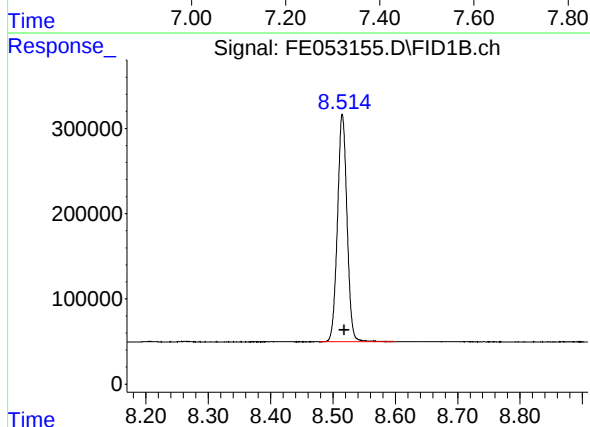
R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 2895710
Conc: 18.51 ug/ml



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

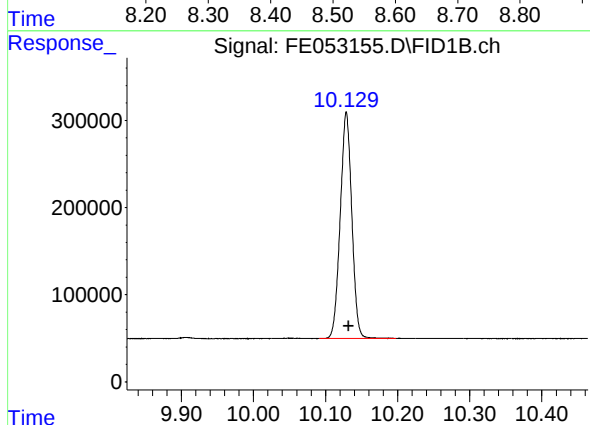
R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 2950733
Conc: 18.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



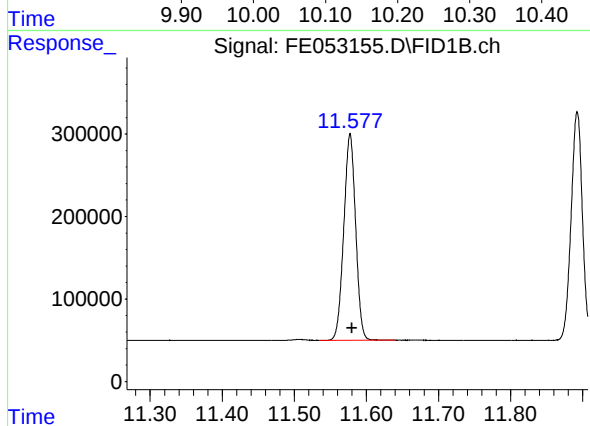
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 2842665
Conc: 18.57 ug/ml



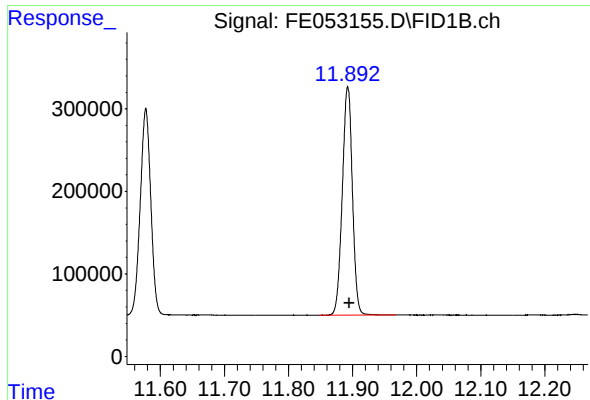
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.003 min
Response: 2896320
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

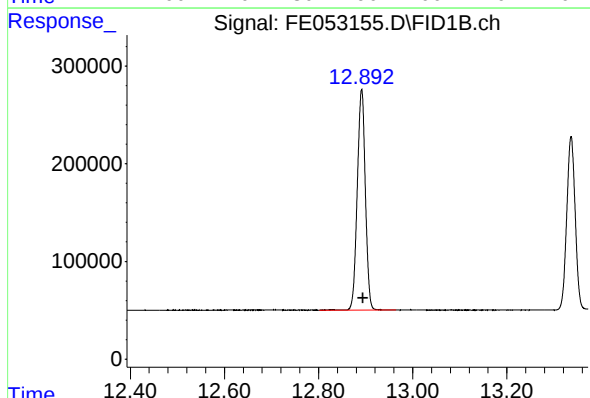
R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 2864926
Conc: 18.89 ug/ml



#9 ortho-Terphenyl (SURR)

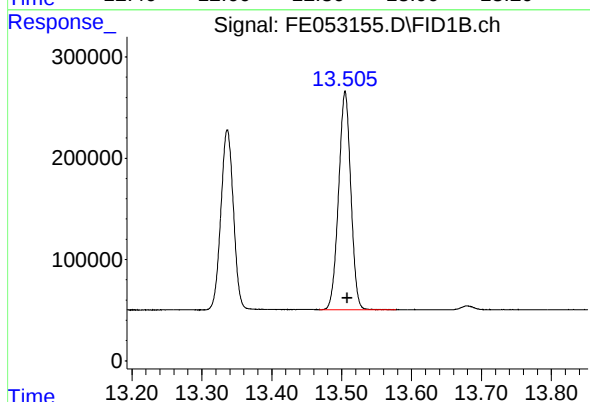
R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 3011525
Conc: 18.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



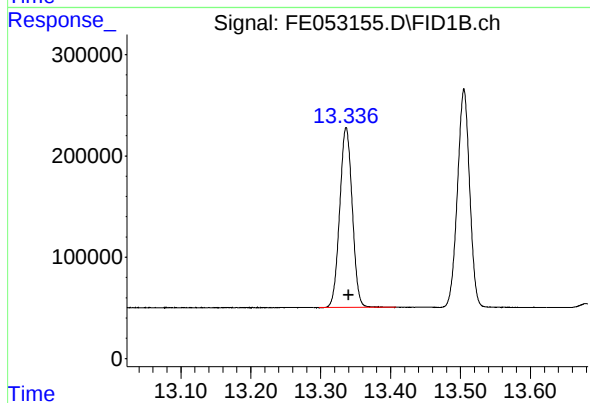
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.003 min
Response: 2698838
Conc: 18.93 ug/ml



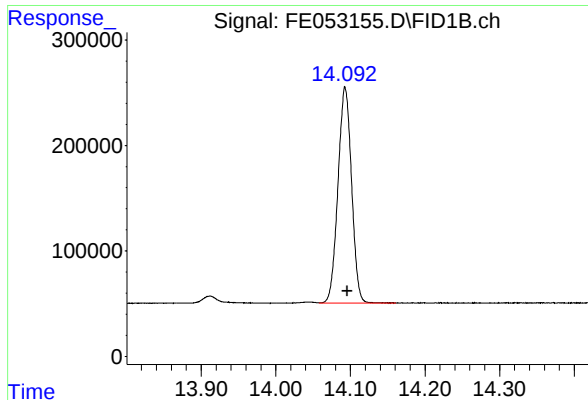
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 2613227
Conc: 18.83 ug/ml



#12 1-chlorooctadecane (SURR)

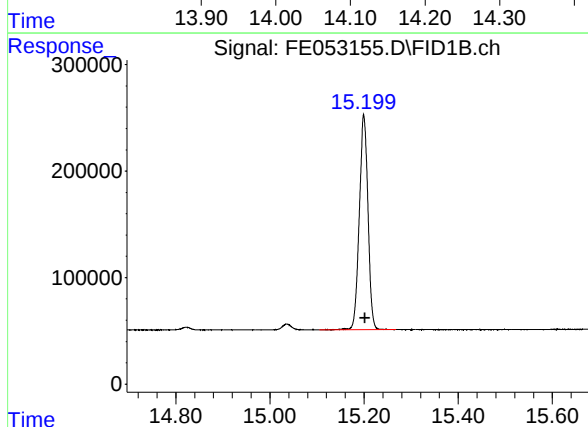
R.T.: 13.337 min
Delta R.T.: -0.003 min
Response: 2212000
Conc: 18.43 ug/ml



#13 n-Docosane (C22)

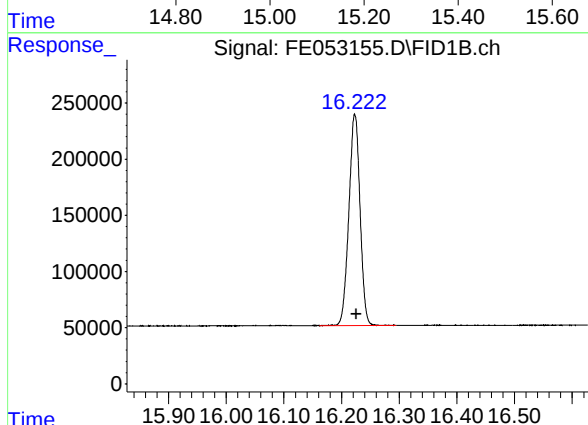
R.T.: 14.093 min
Delta R.T.: -0.003 min
Response: 2583502
Conc: 18.86 ug/ml

Instrument :
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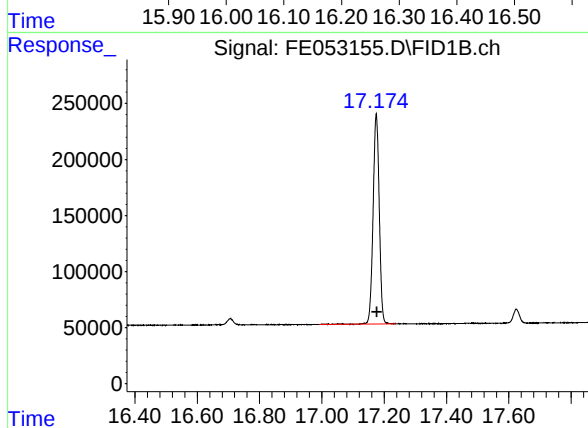
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.002 min
Response: 2573563
Conc: 19.06 ug/ml



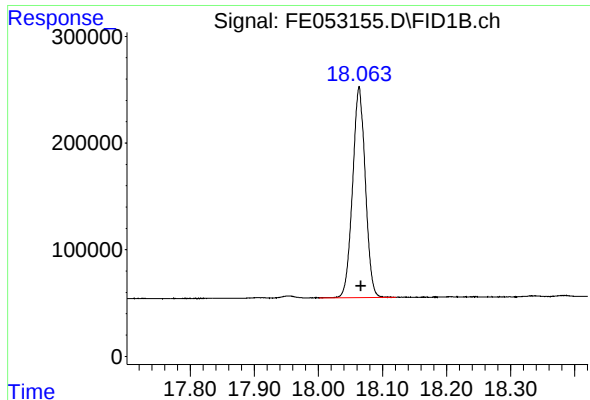
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: -0.002 min
Response: 2534365
Conc: 19.00 ug/ml



#16 n-Octacosane (C28)

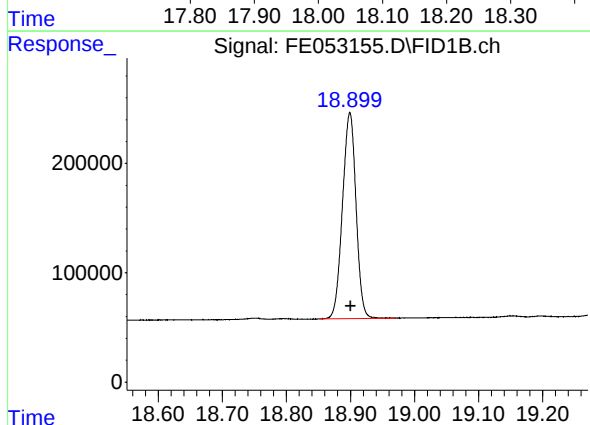
R.T.: 17.175 min
Delta R.T.: -0.002 min
Response: 2565712
Conc: 19.44 ug/ml



#17 n-Tricontane (C30)

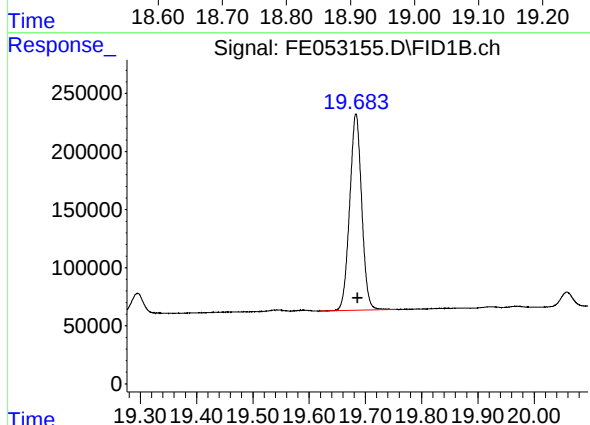
R.T.: 18.064 min
Delta R.T.: -0.003 min
Response: 2721908
Conc: 20.08 ug/ml

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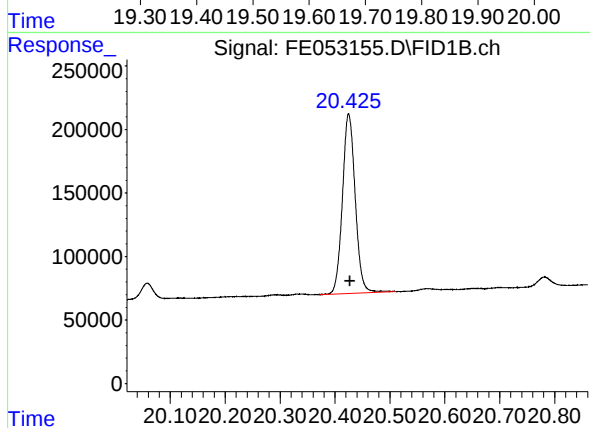
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.001 min
Response: 2752460
Conc: 20.45 ug/ml



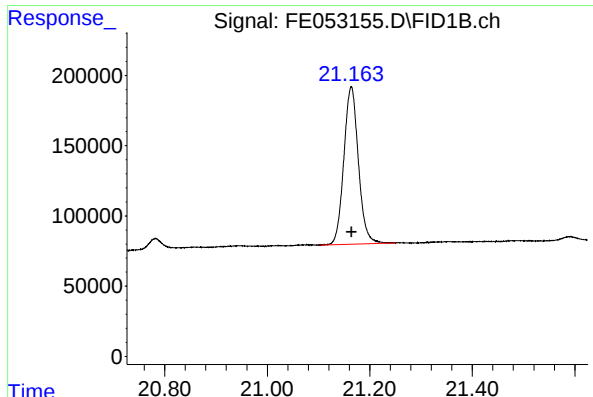
#19 n-Tetatriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.003 min
Response: 2509679
Conc: 19.40 ug/ml



#20 n-Hexatriacontane (C36)

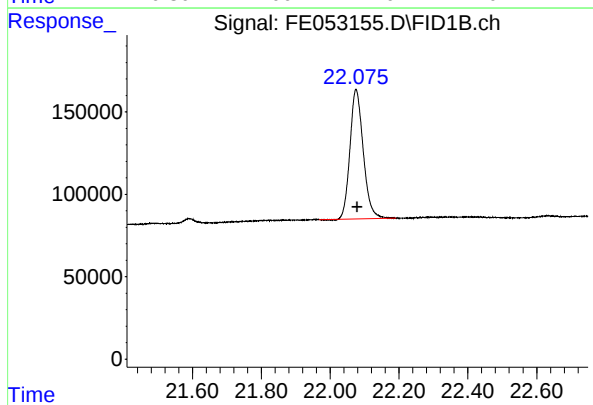
R.T.: 20.425 min
Delta R.T.: -0.003 min
Response: 2275519
Conc: 19.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.001 min
Response: 2203406
Conc: 19.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.075 min
Delta R.T.: -0.003 min
Response: 2109134
Conc: 18.78 ug/ml