

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041725AL\
 Data File : FE053394.D
 Signal(s) : FID1B.ch
 Acq On : 16 Apr 2025 20:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 17 04:40:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.882	3529337	19.568 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.327	2663996	19.708 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
Target Compounds			
1) T n-Nonane (C9)	3.227	2718773	19.830 ug/ml
2) T n-Decane (C10)	4.488	2729983	19.735 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2995670	19.846 ug/ml
4) T n-Dodecane (C12)	6.668	2763618	19.705 ug/ml
5) T A~2-methylnaphthalene...	7.303	2972416	19.909 ug/ml
6) T n-Tetradecane (C14)	8.505	2757036	19.652 ug/ml
7) T n-Hexadecane (C16)	10.119	2810613	19.610 ug/ml
8) T n-Octadecane (C18)	11.567	2857982	19.611 ug/ml
10) T n-Eicosane (C20)	12.882	2857589	19.638 ug/ml
11) T n-Heneicosane (C21)	13.496	2852507	19.694 ug/ml
13) T n-Docosane (C22)	14.084	2840817	19.686 ug/ml
14) T n-Tetracosane (C24)	15.190	2836491	19.747 ug/ml
15) T n-Hexacosane (C26)	16.213	2803798	19.797 ug/ml
16) T n-Octacosane (C28)	17.166	2765799	19.880 ug/ml
17) T n-Tricontane (C30)	18.055	2825301	20.297 ug/ml
18) T n-Dotriacontane (C32)	18.889	2865015	20.866 ug/ml
19) T n-Tetratriacontane (C34)	19.674	2719017	20.868 ug/ml
20) T n-Hexatriacontane (C36)	20.416	2640433	20.915 ug/ml
21) T n-Octatriacontane (C38)	21.152	2497623	20.501 ug/ml
22) T n-Tetracontane (C40)	22.063	2455643	20.563 ug/ml

(f)=RT Delta > 1/2 Window

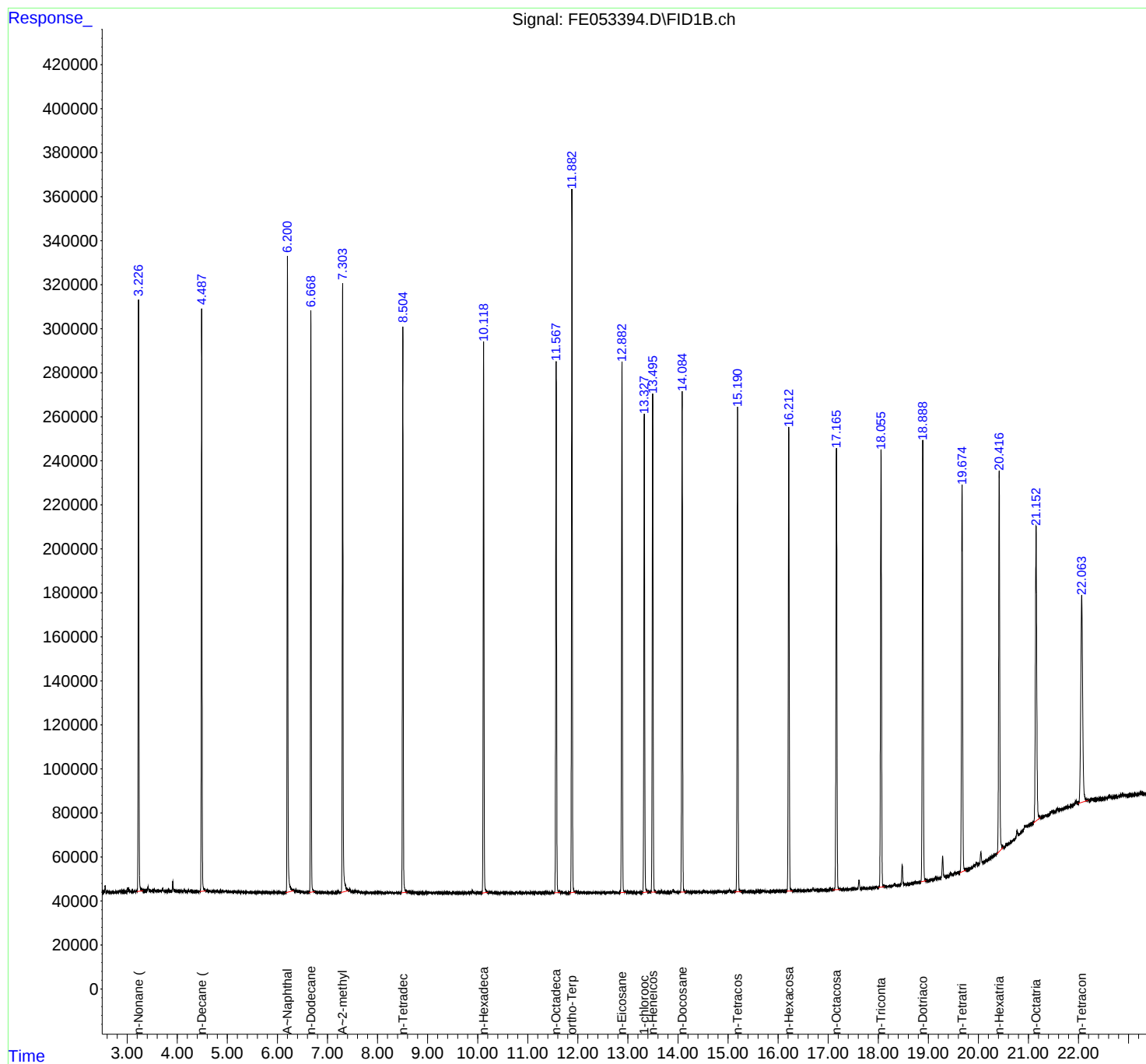
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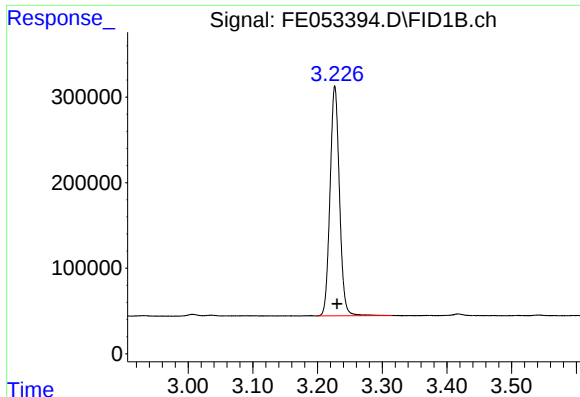
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041725AL\
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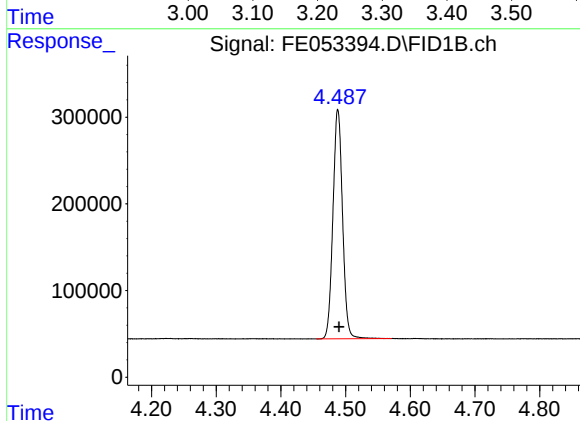




#1 n-Nonane (C9)

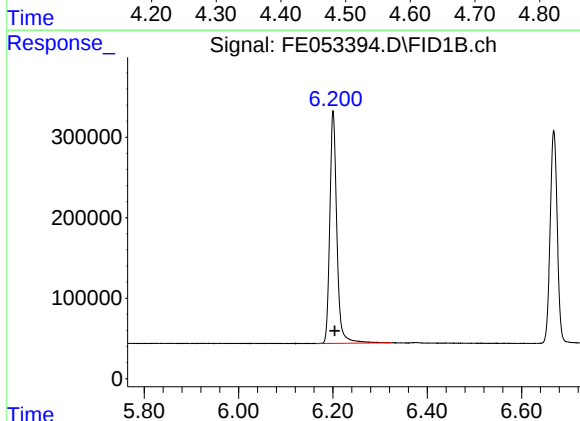
R.T.: 3.227 min
Delta R.T.: -0.003 min
Response: 2718773
Conc: 19.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



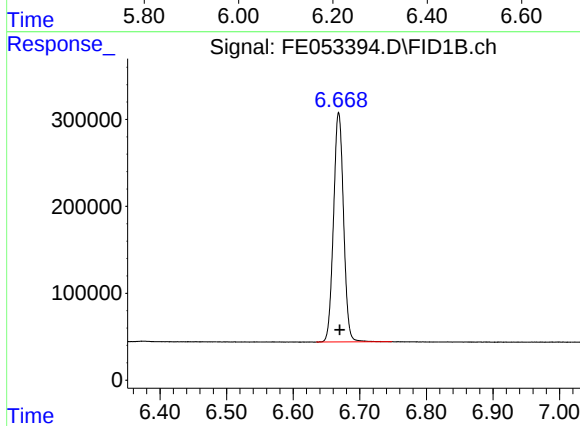
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2729983
Conc: 19.73 ug/ml



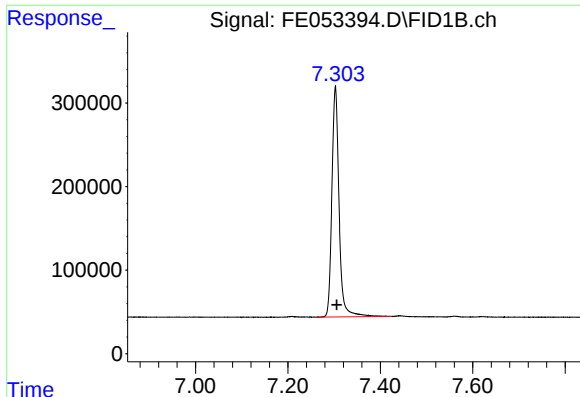
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 2995670
Conc: 19.85 ug/ml



#4 n-Dodecane (C12)

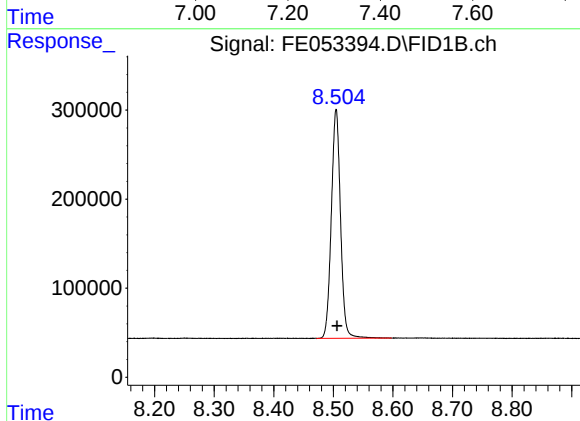
R.T.: 6.668 min
Delta R.T.: -0.001 min
Response: 2763618
Conc: 19.71 ug/ml



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

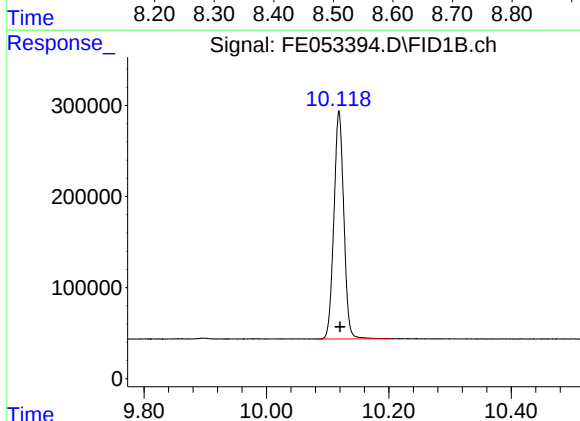
R.T.: 7.303 min
Delta R.T.: -0.003 min
Response: 2972416
Conc: 19.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



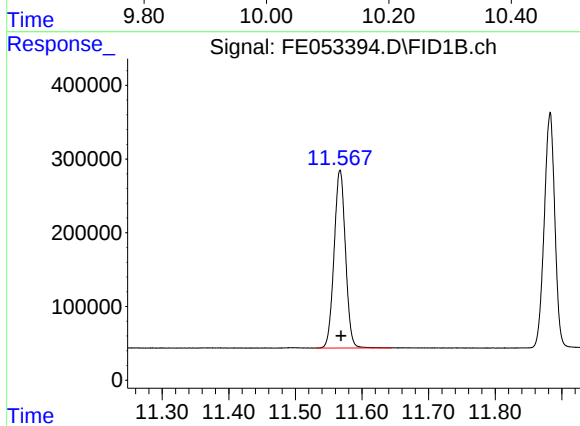
#6 n-Tetradecane (C14)

R.T.: 8.505 min
Delta R.T.: -0.001 min
Response: 2757036
Conc: 19.65 ug/ml



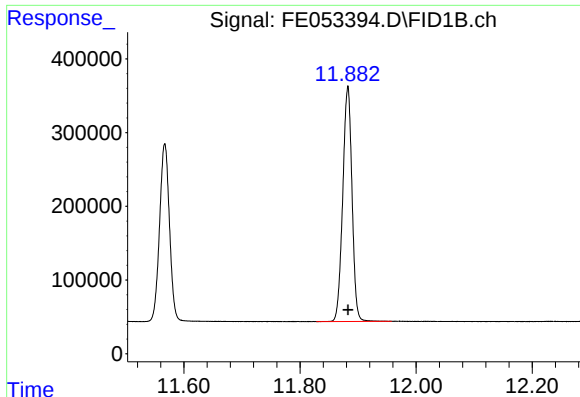
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.002 min
Response: 2810613
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

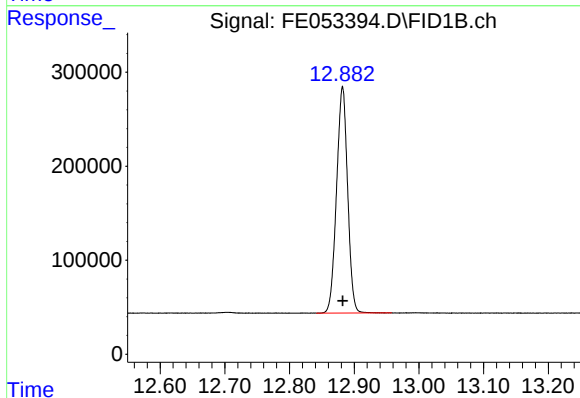
R.T.: 11.567 min
Delta R.T.: -0.001 min
Response: 2857982
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

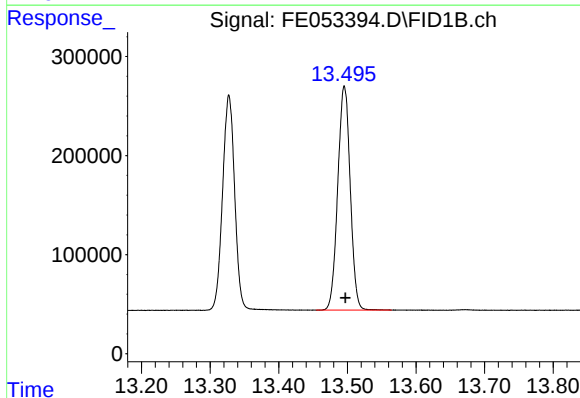
R.T.: 11.882 min
Delta R.T.: 0.000 min
Response: 3529337
Conc: 19.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



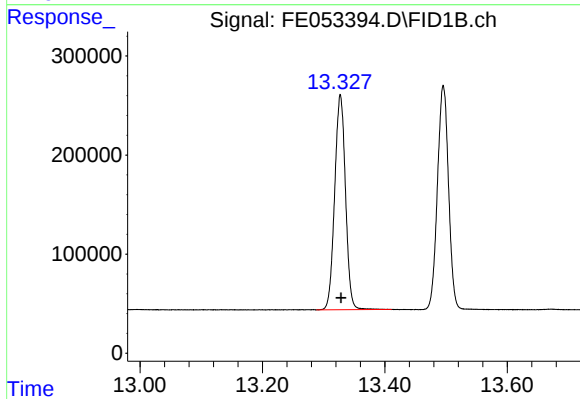
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: 0.000 min
Response: 2857589
Conc: 19.64 ug/ml



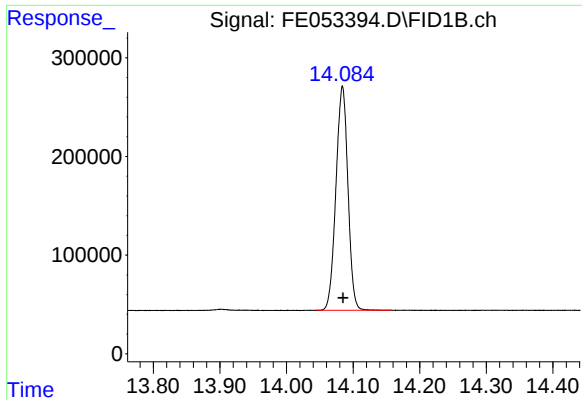
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.002 min
Response: 2852507
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

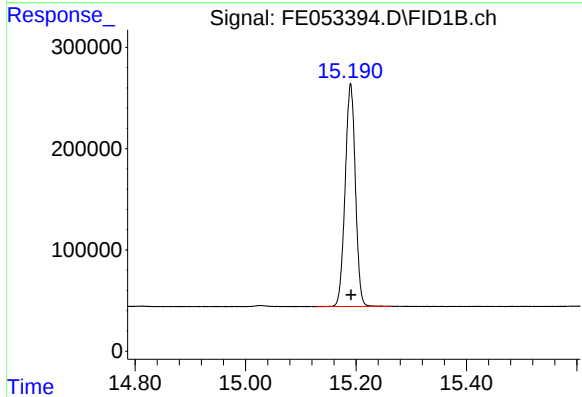
R.T.: 13.327 min
Delta R.T.: -0.001 min
Response: 2663996
Conc: 19.71 ug/ml



#13 n-Docosane (C22)

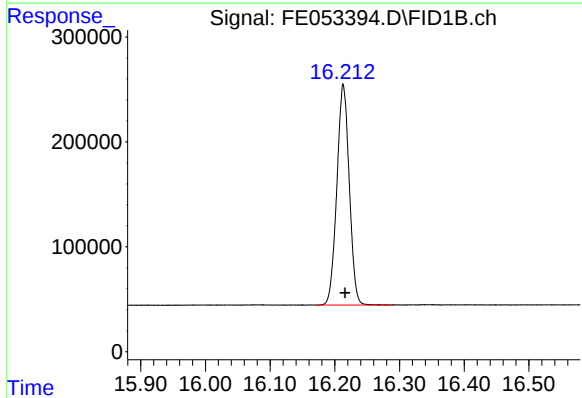
R.T.: 14.084 min
Delta R.T.: -0.001 min
Response: 2840817
Conc: 19.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



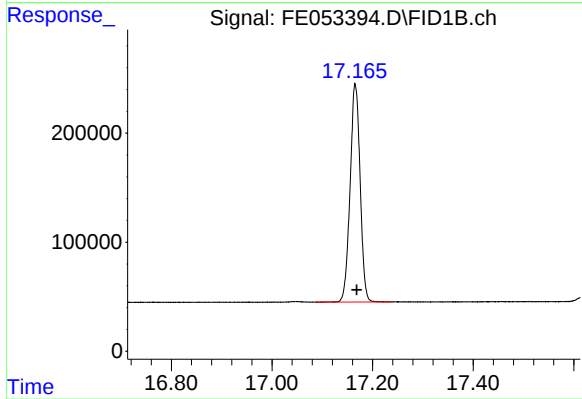
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: 0.000 min
Response: 2836491
Conc: 19.75 ug/ml



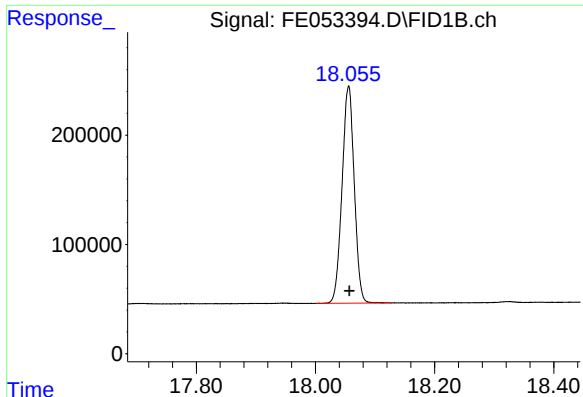
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: -0.002 min
Response: 2803798
Conc: 19.80 ug/ml



#16 n-Octacosane (C28)

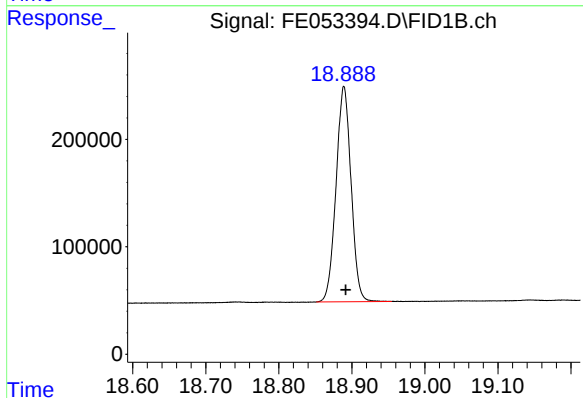
R.T.: 17.166 min
Delta R.T.: -0.003 min
Response: 2765799
Conc: 19.88 ug/ml



#17 n-Tricontane (C30)

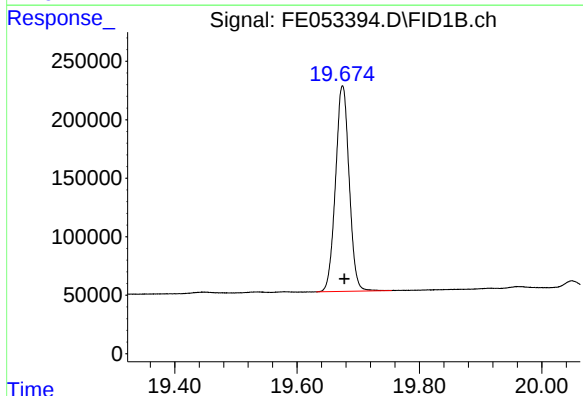
R.T.: 18.055 min
Delta R.T.: -0.002 min
Response: 2825301
Conc: 20.30 ug/ml

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20 PPM ALIPHATIC HC STD



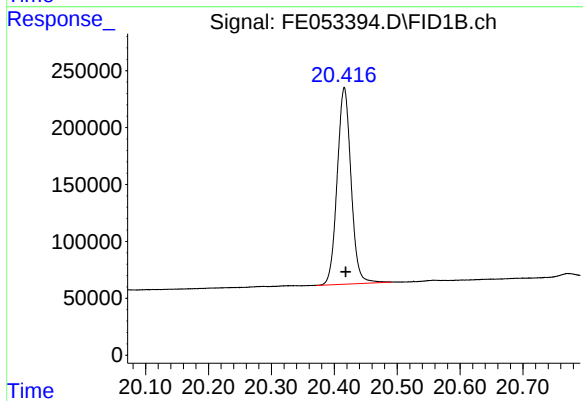
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.002 min
Response: 2865015
Conc: 20.87 ug/ml



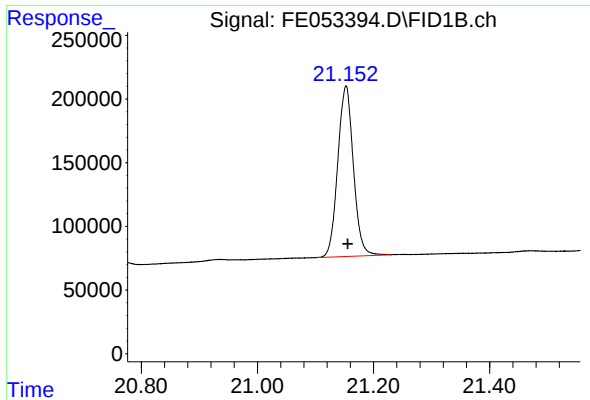
#19 n-Tetratriacontane (C34)

R.T.: 19.674 min
Delta R.T.: -0.003 min
Response: 2719017
Conc: 20.87 ug/ml



#20 n-Hexatriacontane (C36)

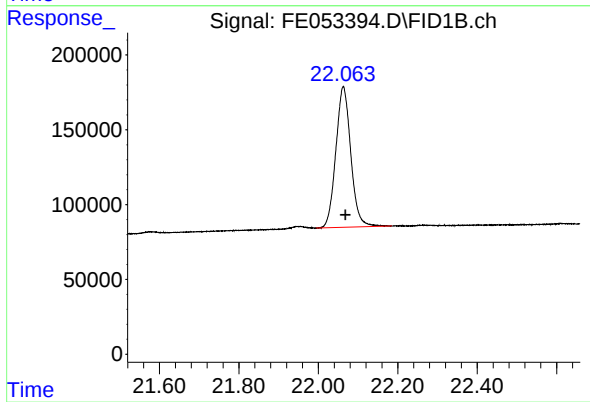
R.T.: 20.416 min
Delta R.T.: -0.002 min
Response: 2640433
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: -0.003 min
Response: 2497623
Conc: 20.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.063 min
Delta R.T.: -0.006 min
Response: 2455643
Conc: 20.56 ug/ml