

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031225AL\
 Data File : FE052755.D
 Signal(s) : FID1B.ch
 Acq On : 12 Mar 2025 08:51
 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: Mar 13 03:52:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.908	3052086	18.104 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
12) S 1-chlorooctadecane (S...	13.353	2211144	18.210 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T n-Nonane (C9)	3.248	2839728	18.315 ug/ml
2) T n-Decane (C10)	4.509	2949719	18.777 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3134810	18.484 ug/ml
4) T n-Dodecane (C12)	6.690	2935937	18.856 ug/ml
5) T A~2-methylnaphthalene...	7.325	2991655	18.460 ug/ml
6) T n-Tetradecane (C14)	8.527	2846403	18.812 ug/ml
7) T n-Hexadecane (C16)	10.143	2862443	18.723 ug/ml
8) T n-Octadecane (C18)	11.592	2814174	18.497 ug/ml
10) T n-Eicosane (C20)	12.907	2664613	18.355 ug/ml
11) T n-Heneicosane (C21)	13.521	2601030	18.275 ug/ml
13) T n-Docosane (C22)	14.109	2612165	18.356 ug/ml
14) T n-Tetracosane (C24)	15.217	2664111	18.616 ug/ml
15) T n-Hexacosane (C26)	16.240	2665230	18.744 ug/ml
16) T n-Octacosane (C28)	17.193	2715042	19.094 ug/ml
17) T n-Tricontane (C30)	18.083	2879129	19.493 ug/ml
18) T n-Dotriacontane (C32)	18.918	2855504	19.669 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2648708	19.652 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2350260	19.779 ug/ml
21) T n-Octatriacontane (C38)	21.189	2171918	19.578 ug/ml
22) T n-Tetracontane (C40)	22.110	2088381	19.316 ug/ml

(f)=RT Delta > 1/2 Window

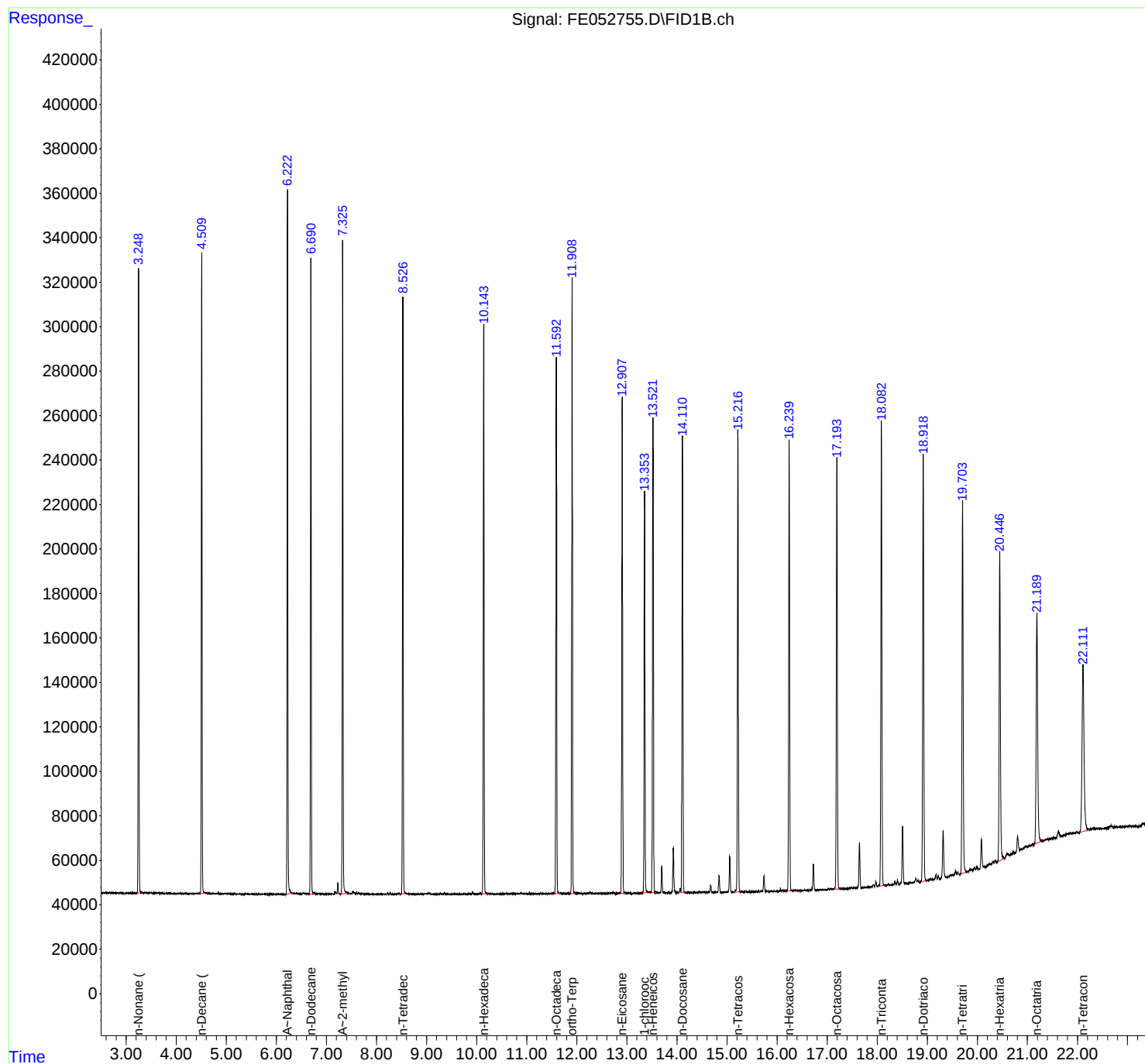
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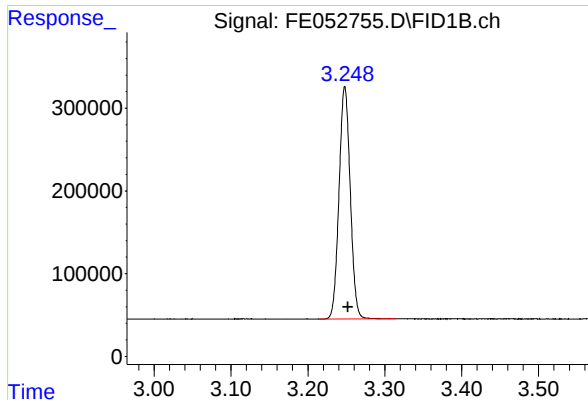
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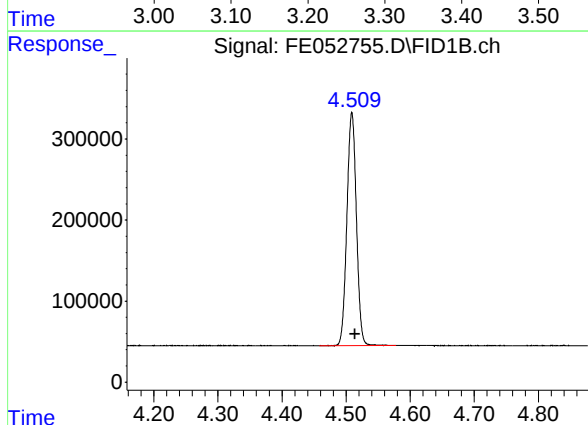




#1 n-Nonane (C9)

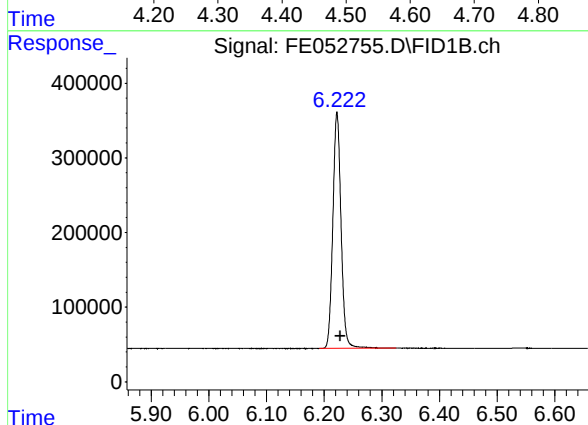
R.T.: 3.248 min
Delta R.T.: -0.004 min
Response: 2839728
Conc: 18.31 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



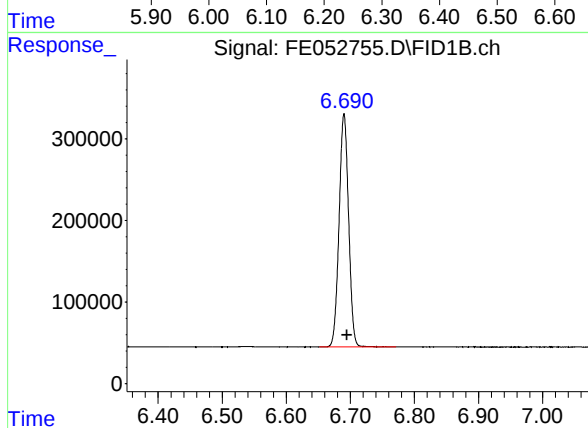
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.005 min
Response: 2949719
Conc: 18.78 ug/ml



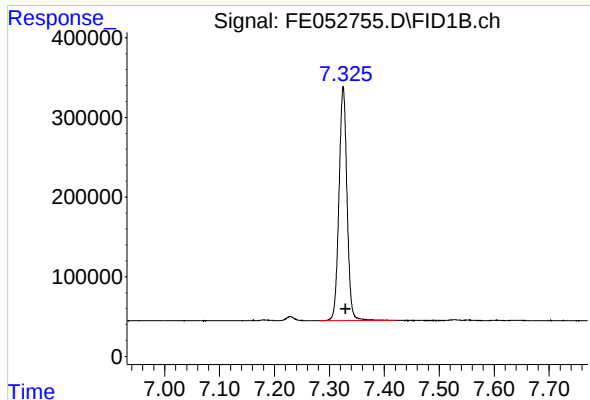
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 3134810
Conc: 18.48 ug/ml



#4 n-Dodecane (C12)

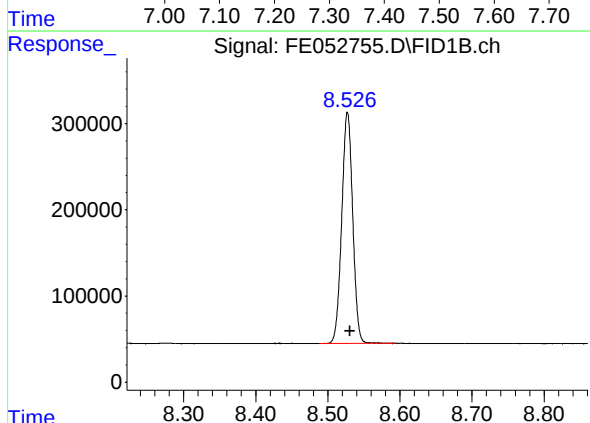
R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 2935937
Conc: 18.86 ug/ml



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

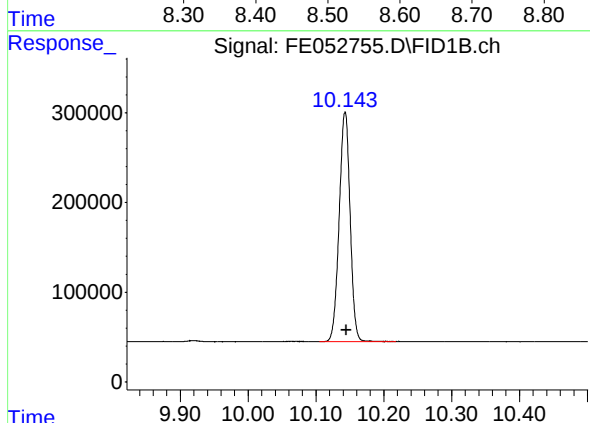
R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 2991655
Conc: 18.46 ug/ml

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20 PPM ALIPHATIC HC STD



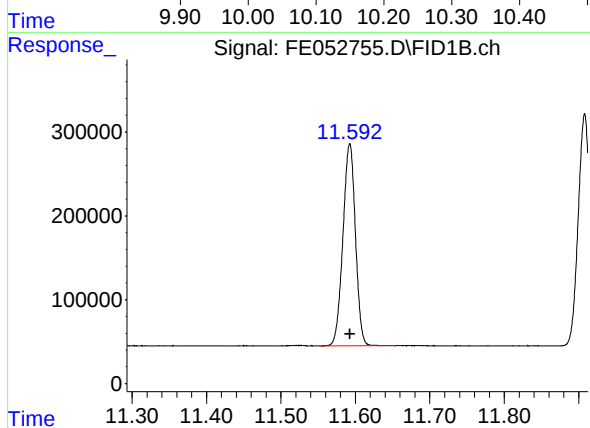
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.003 min
Response: 2846403
Conc: 18.81 ug/ml



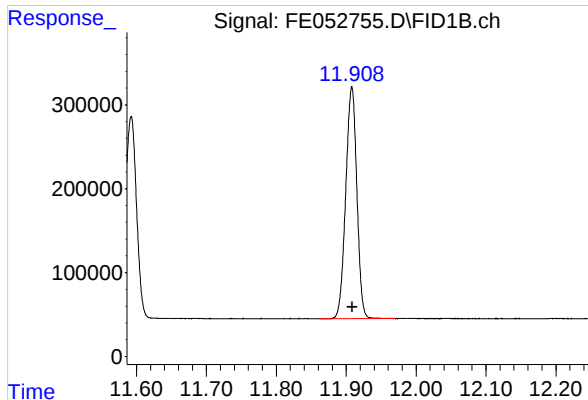
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.002 min
Response: 2862443
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

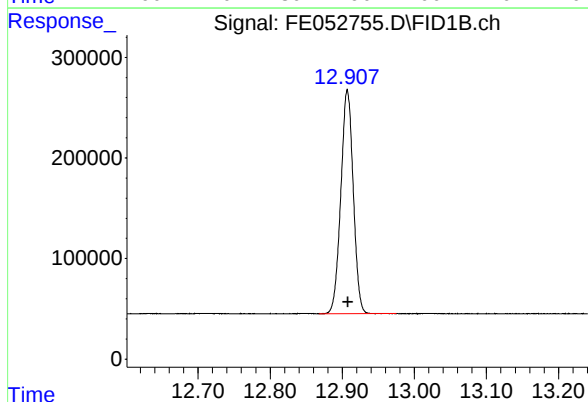
R.T.: 11.592 min
Delta R.T.: 0.000 min
Response: 2814174
Conc: 18.50 ug/ml



#9 ortho-Terphenyl (SURR)

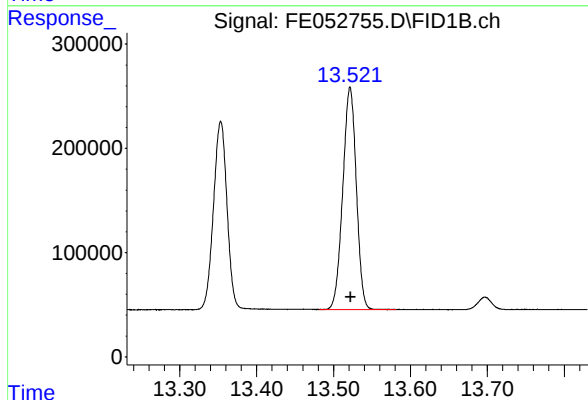
R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 3052086
Conc: 18.10 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



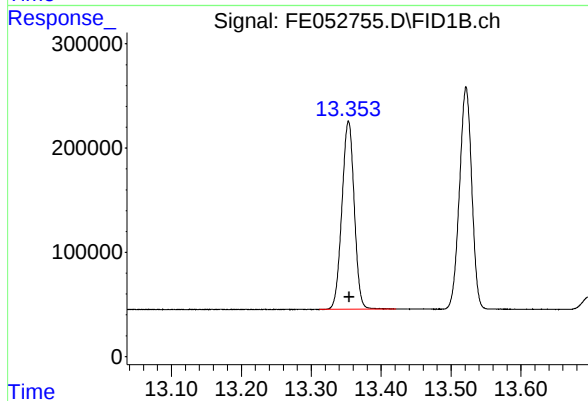
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: 0.000 min
Response: 2664613
Conc: 18.35 ug/ml



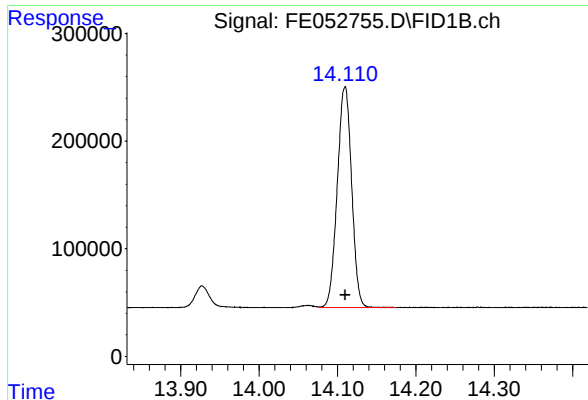
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2601030
Conc: 18.27 ug/ml



#12 1-chlorooctadecane (SURR)

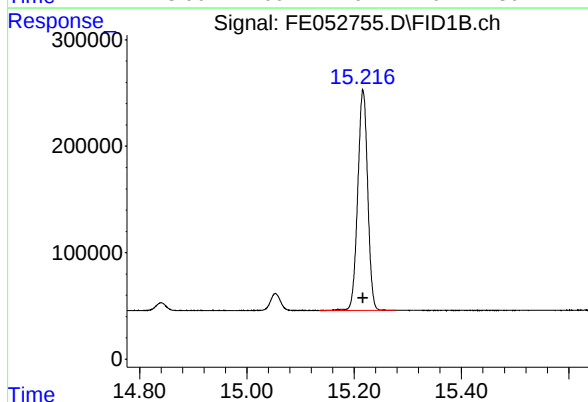
R.T.: 13.353 min
Delta R.T.: 0.000 min
Response: 2211144
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

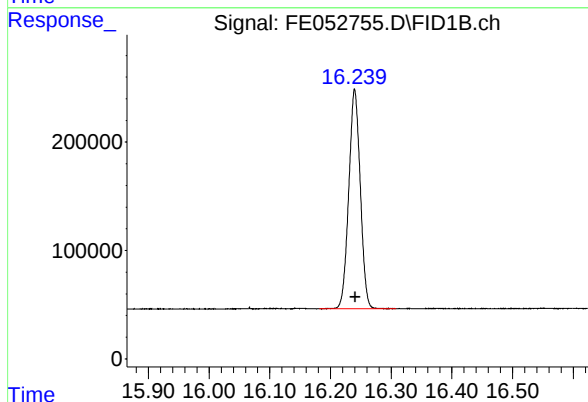
R.T.: 14.109 min
Delta R.T.: 0.000 min
Response: 2612165
Conc: 18.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



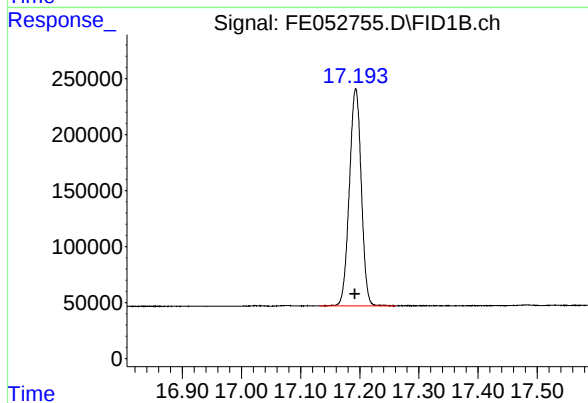
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 2664111
Conc: 18.62 ug/ml



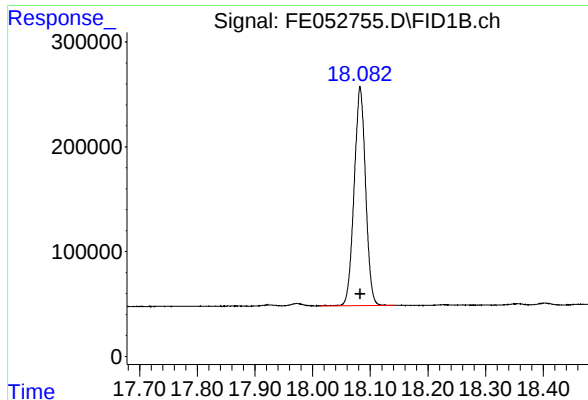
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.000 min
Response: 2665230
Conc: 18.74 ug/ml



#16 n-Octacosane (C28)

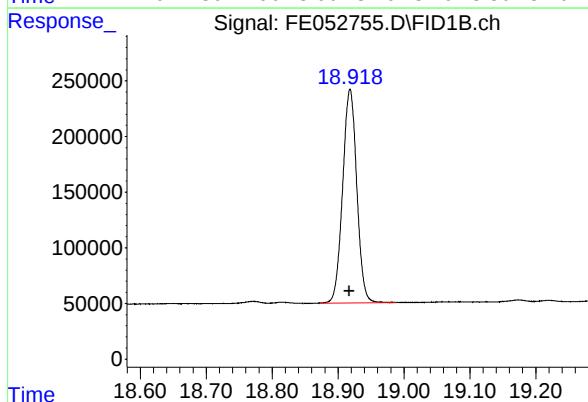
R.T.: 17.193 min
Delta R.T.: 0.001 min
Response: 2715042
Conc: 19.09 ug/ml



#17 n-Tricontane (C30)

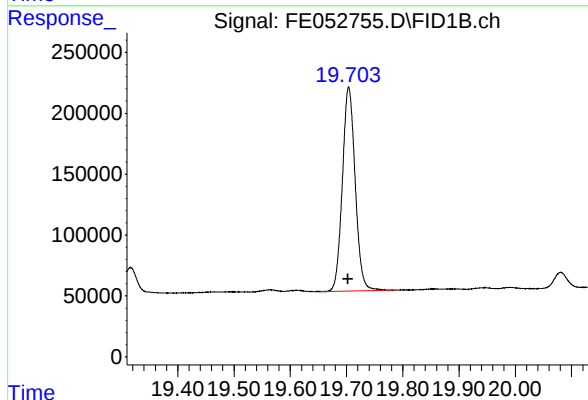
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 2879129
Conc: 19.49 ug/ml

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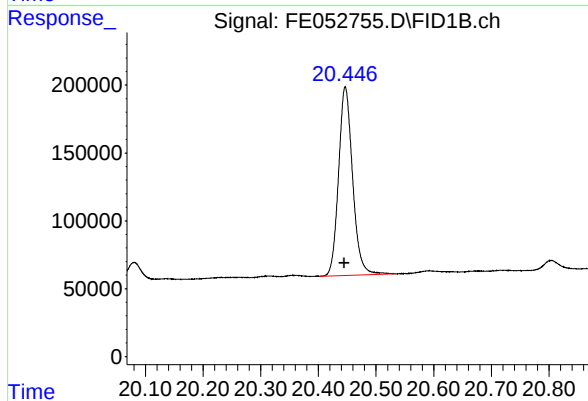
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.001 min
Response: 2855504
Conc: 19.67 ug/ml



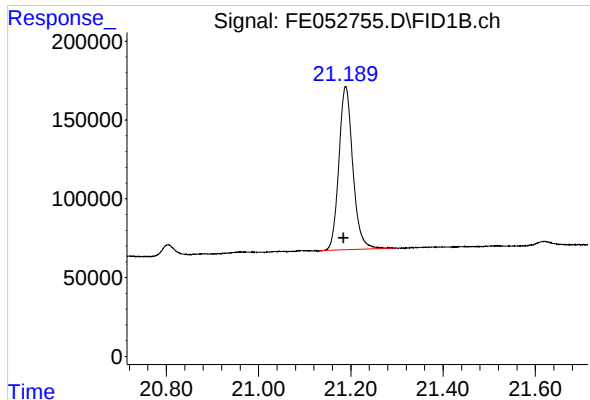
#19 n-Tetatriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.001 min
Response: 2648708
Conc: 19.65 ug/ml



#20 n-Hexatriacontane (C36)

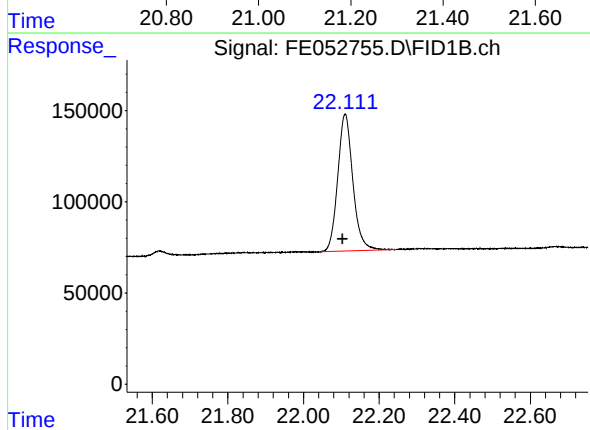
R.T.: 20.447 min
Delta R.T.: 0.002 min
Response: 2350260
Conc: 19.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.004 min
Response: 2171918
Conc: 19.58 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: 0.006 min
Response: 2088381
Conc: 19.32 ug/ml