

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040725AL\
 Data File : FE053225.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2025 22:23
 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 08 01:26:18 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

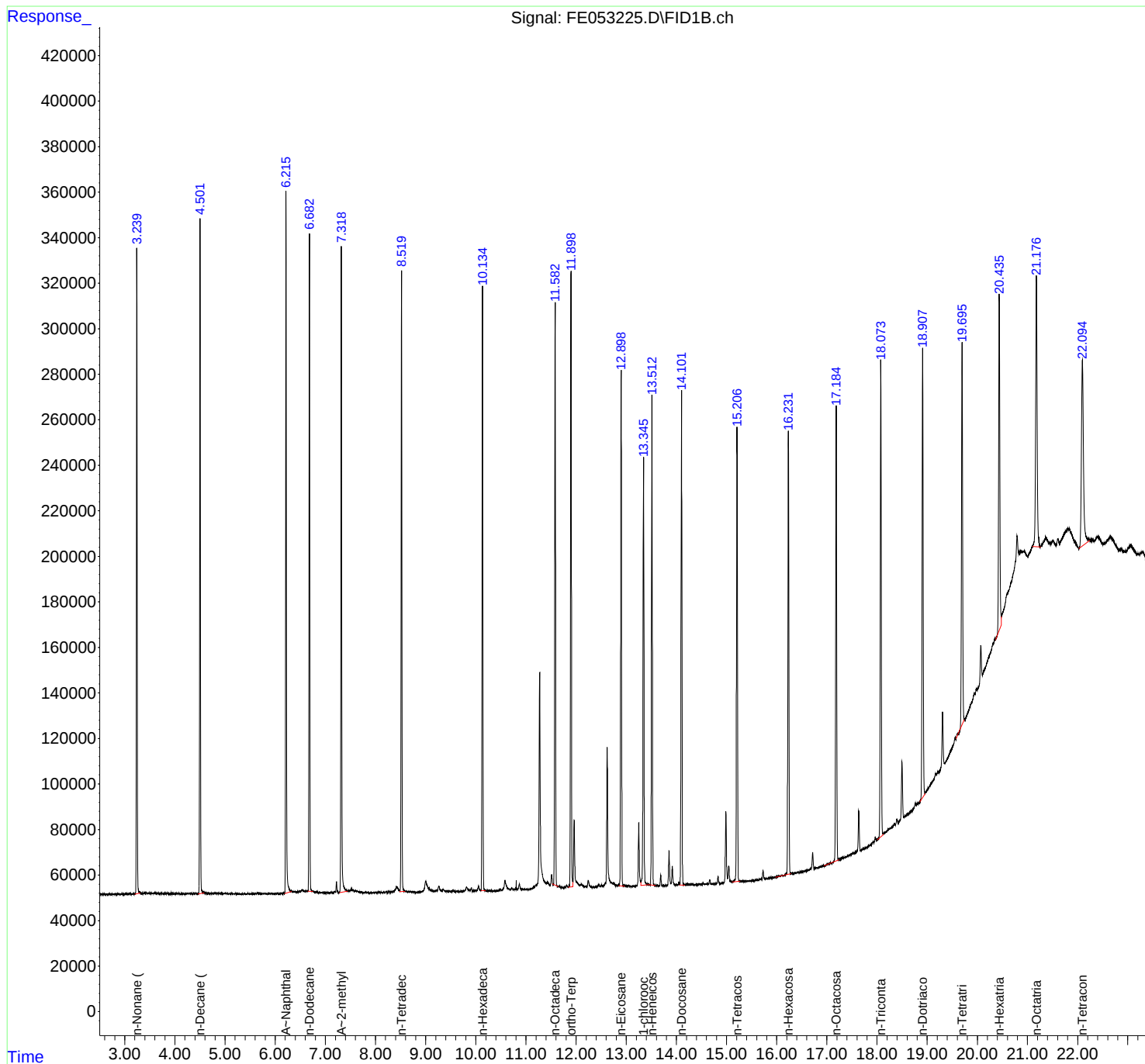
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.898	3052735	18.742 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
12) S 1-chlorooctadecane (S...	13.344	2346322	19.545 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
Target Compounds			
1) T n-Nonane (C9)	3.240	2878564	18.591 ug/ml
2) T n-Decane (C10)	4.501	3007909	19.176 ug/ml
3) T A~Naphthalene (C11.7)	6.215	3173168	18.889 ug/ml
4) T n-Dodecane (C12)	6.682	2992014	19.131 ug/ml
5) T A~2-methylnaphthalene...	7.318	3024101	18.953 ug/ml
6) T n-Tetradecane (C14)	8.519	2928797	19.128 ug/ml
7) T n-Hexadecane (C16)	10.134	2961343	19.211 ug/ml
8) T n-Octadecane (C18)	11.583	2923671	19.277 ug/ml
10) T n-Eicosane (C20)	12.898	2765903	19.400 ug/ml
11) T n-Heneicosane (C21)	13.512	2651504	19.107 ug/ml
13) T n-Docosane (C22)	14.101	2633948	19.232 ug/ml
14) T n-Tetracosane (C24)	15.206	2643253	19.571 ug/ml
15) T n-Hexacosane (C26)	16.231	2619559	19.636 ug/ml
16) T n-Octacosane (C28)	17.184	2678106	20.294 ug/ml
17) T n-Tricontane (C30)	18.074	2916310	21.516 ug/ml
18) T n-Dotriacontane (C32)	18.908	2943163	21.872 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2596129	20.063 ug/ml
20) T n-Hexatriacontane (C36)	20.436	2395942	20.170 ug/ml
21) T n-Octatriacontane (C38)	21.177	2389591	20.791 ug/ml
22) T n-Tetracontane (C40)	22.094	2309866	20.566 ug/ml

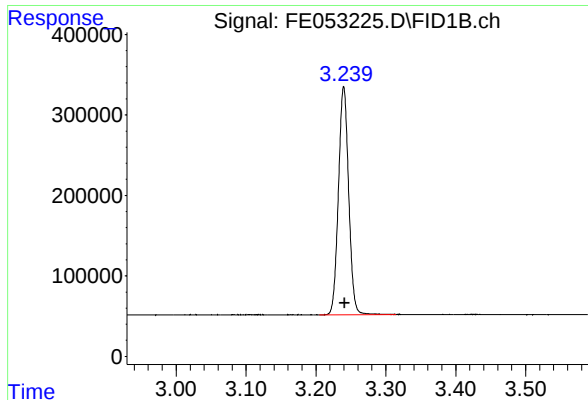
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

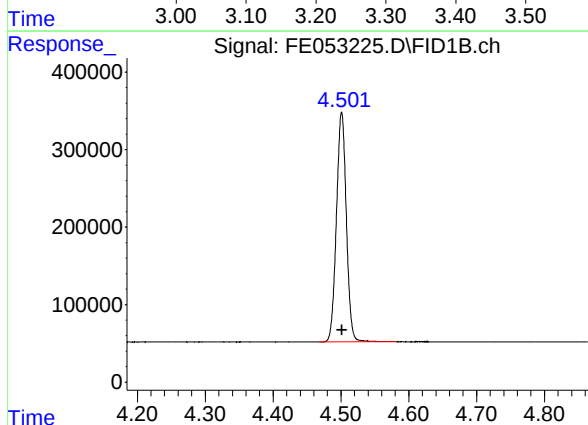




#1 n-Nonane (C9)

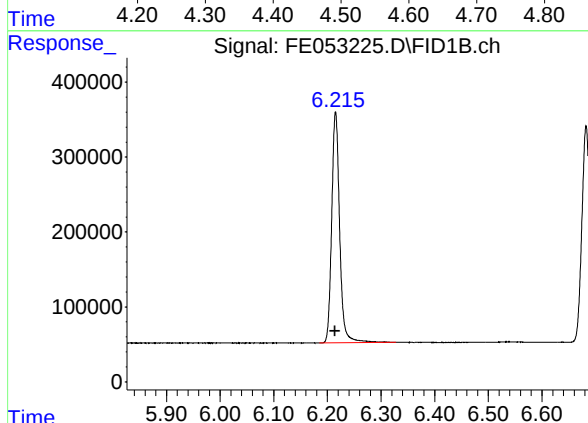
R.T.: 3.240 min
Delta R.T.: -0.001 min
Response: 2878564
Conc: 18.59 ug/ml

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20 PPM ALIPHATIC HC STD



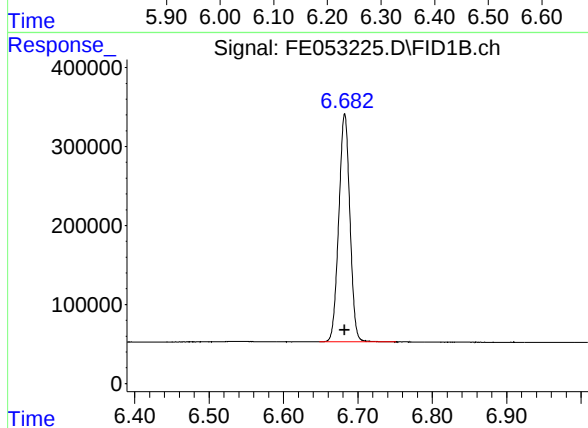
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3007909
Conc: 19.18 ug/ml



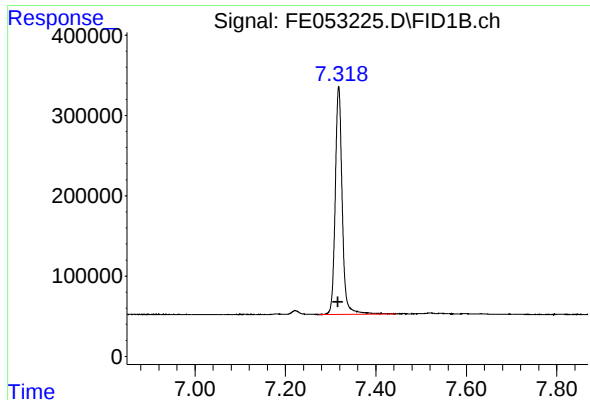
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.001 min
Response: 3173168
Conc: 18.89 ug/ml



#4 n-Dodecane (C12)

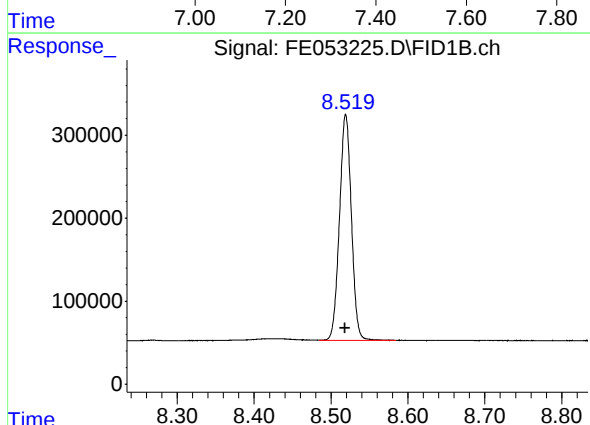
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 2992014
Conc: 19.13 ug/ml



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

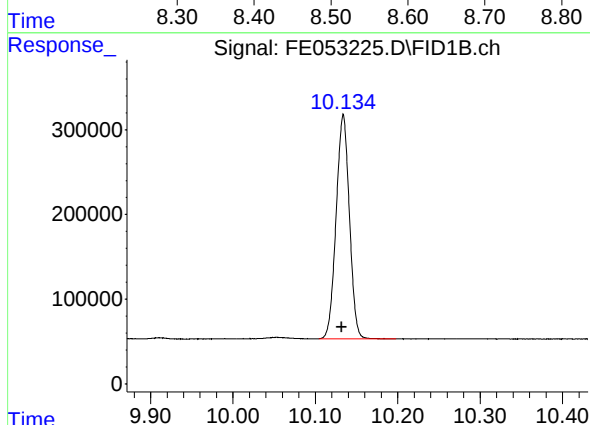
R.T.: 7.318 min
Delta R.T.: 0.002 min
Response: 3024101
Conc: 18.95 ug/ml

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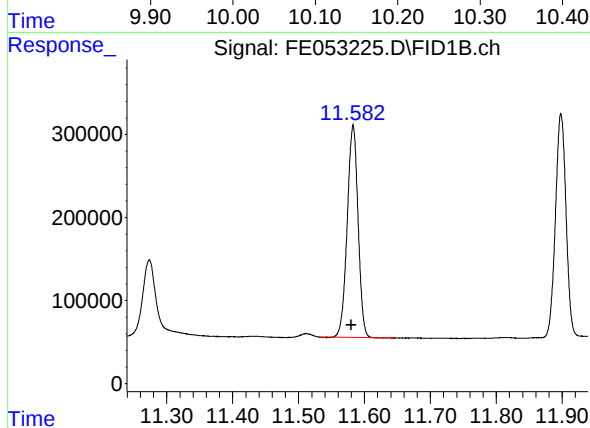
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.001 min
Response: 2928797
Conc: 19.13 ug/ml



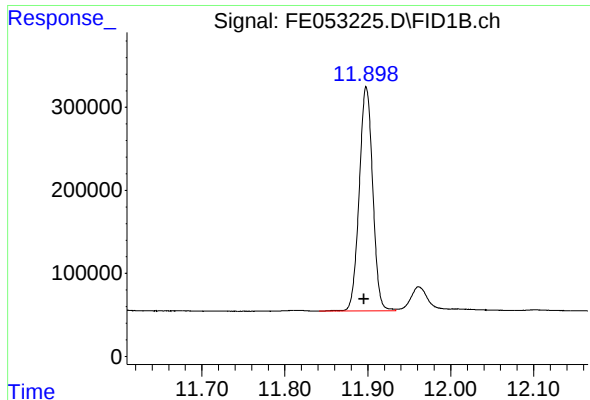
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: 0.002 min
Response: 2961343
Conc: 19.21 ug/ml



#8 n-Octadecane (C18)

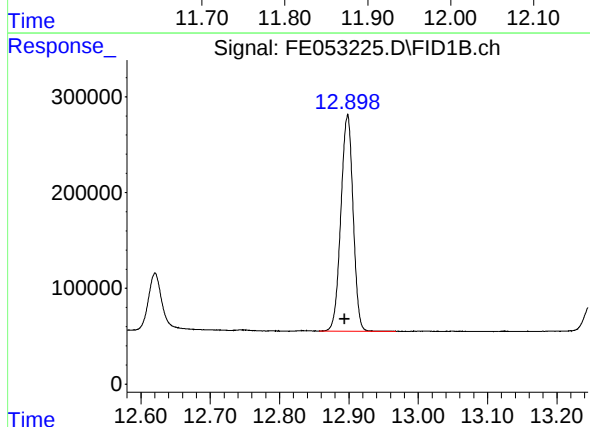
R.T.: 11.583 min
Delta R.T.: 0.002 min
Response: 2923671
Conc: 19.28 ug/ml



#9 ortho-Terphenyl (SURR)

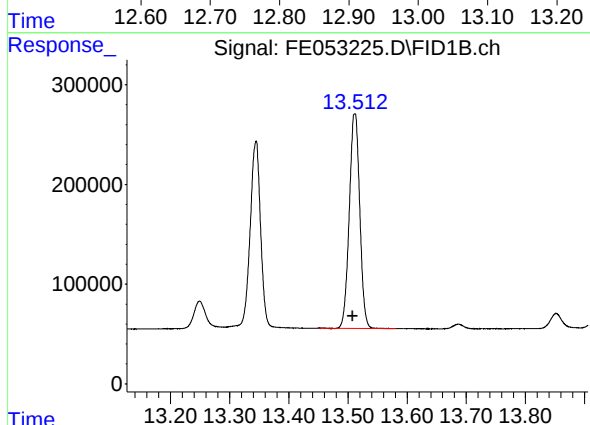
R.T.: 11.898 min
Delta R.T.: 0.003 min
Response: 3052735
Conc: 18.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



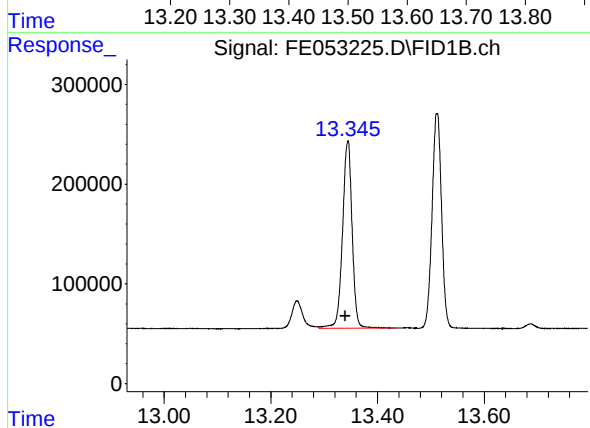
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: 0.004 min
Response: 2765903
Conc: 19.40 ug/ml



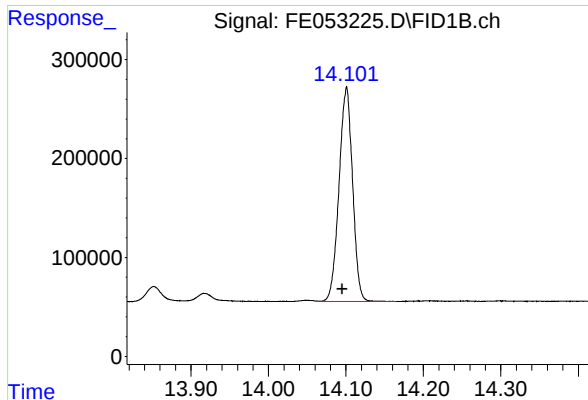
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: 0.003 min
Response: 2651504
Conc: 19.11 ug/ml



#12 1-chlorooctadecane (SURR)

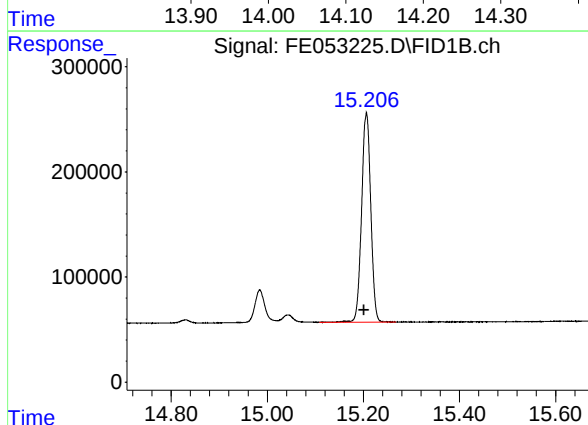
R.T.: 13.344 min
Delta R.T.: 0.004 min
Response: 2346322
Conc: 19.55 ug/ml



#13 n-Docosane (C22)

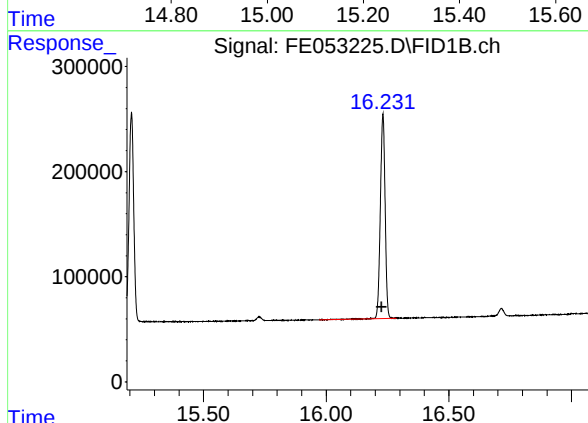
R.T.: 14.101 min
Delta R.T.: 0.005 min
Response: 2633948
Conc: 19.23 ug/ml

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20 PPM ALIPHATIC HC STD



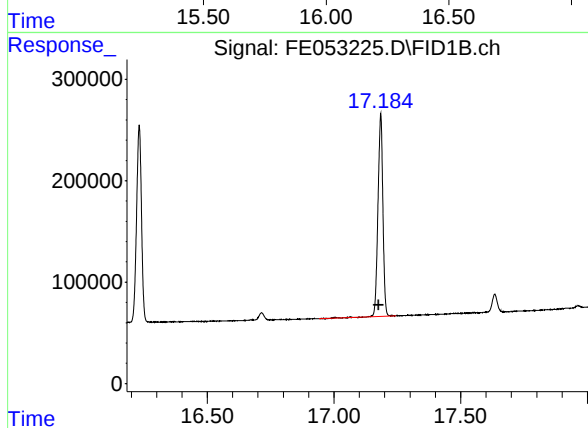
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: 0.005 min
Response: 2643253
Conc: 19.57 ug/ml



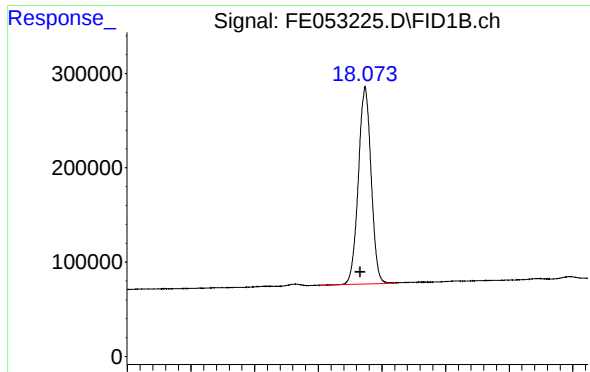
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: 0.006 min
Response: 2619559
Conc: 19.64 ug/ml



#16 n-Octacosane (C28)

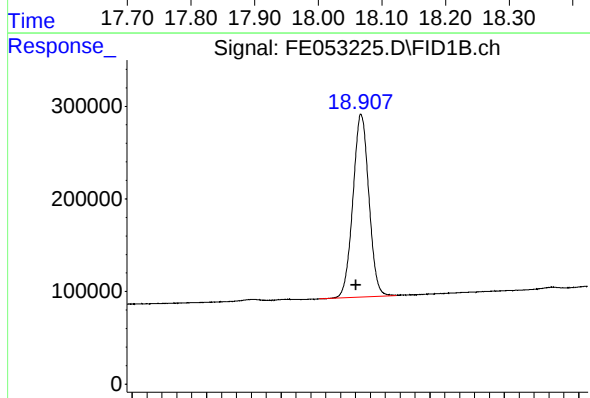
R.T.: 17.184 min
Delta R.T.: 0.008 min
Response: 2678106
Conc: 20.29 ug/ml



#17 n-Tricontane (C30)

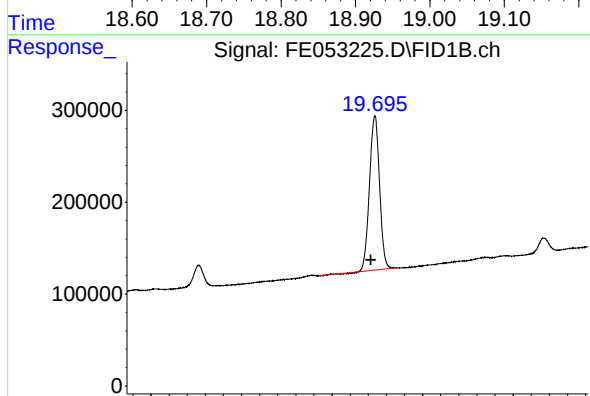
R.T.: 18.074 min
Delta R.T.: 0.007 min
Response: 2916310
Conc: 21.52 ug/ml

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20 PPM ALIPHATIC HC STD



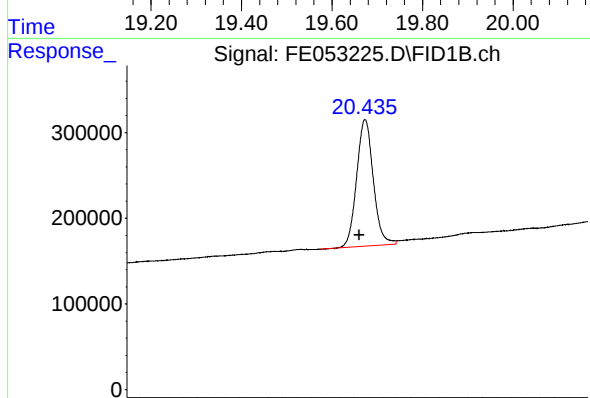
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.007 min
Response: 2943163
Conc: 21.87 ug/ml



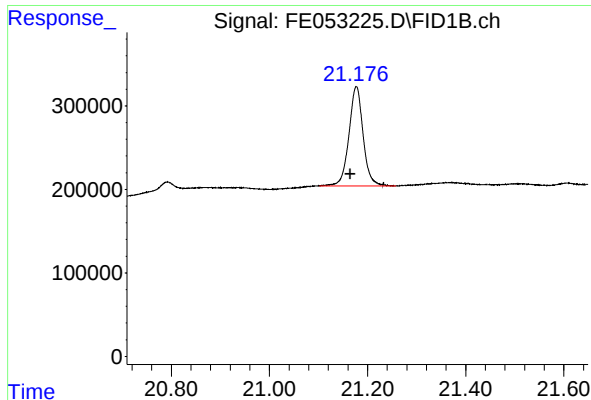
#19 n-Tetatriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.009 min
Response: 2596129
Conc: 20.06 ug/ml



#20 n-Hexatriacontane (C36)

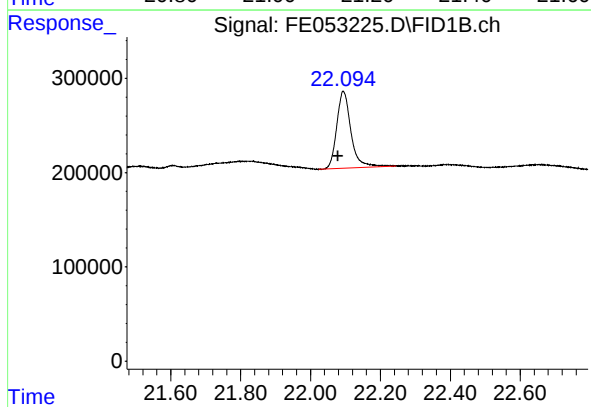
R.T.: 20.436 min
Delta R.T.: 0.008 min
Response: 2395942
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: 0.012 min
Response: 2389591
Conc: 20.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: 0.016 min
Response: 2309866
Conc: 20.57 ug/ml