

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052724.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 04:34
 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: Mar 11 05:28:21 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)	11.910	3233413	19.180 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.355	2372147	19.536 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T n-Nonane (C9)	3.249	2991326	19.293 ug/ml
2) T n-Decane (C10)	4.511	3137720	19.973 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3350812	19.758 ug/ml
4) T n-Dodecane (C12)	6.691	3108147	19.962 ug/ml
5) T A~2-methylnaphthalene...	7.326	3207154	19.790 ug/ml
6) T n-Tetradecane (C14)	8.528	3007485	19.876 ug/ml
7) T n-Hexadecane (C16)	10.144	3039701	19.882 ug/ml
8) T n-Octadecane (C18)	11.594	3010257	19.786 ug/ml
10) T n-Eicosane (C20)	12.909	2857536	19.683 ug/ml
11) T n-Heneicosane (C21)	13.524	2798659	19.663 ug/ml
13) T n-Docosane (C22)	14.112	2791078	19.613 ug/ml
14) T n-Tetracosane (C24)	15.219	2786788	19.473 ug/ml
15) T n-Hexacosane (C26)	16.243	2773181	19.503 ug/ml
16) T n-Octacosane (C28)	17.196	2842837	19.992 ug/ml
17) T n-Tricontane (C30)	18.085	3086043	20.894 ug/ml
18) T n-Dotriacontane (C32)	18.920	3202412	22.058 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2917103	21.644 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2604447	21.919 ug/ml
21) T n-Octatriacontane (C38)	21.189	2451947	22.102 ug/ml
22) T n-Tetracontane (C40)	22.111	2344039	21.681 ug/ml

(f)=RT Delta > 1/2 Window

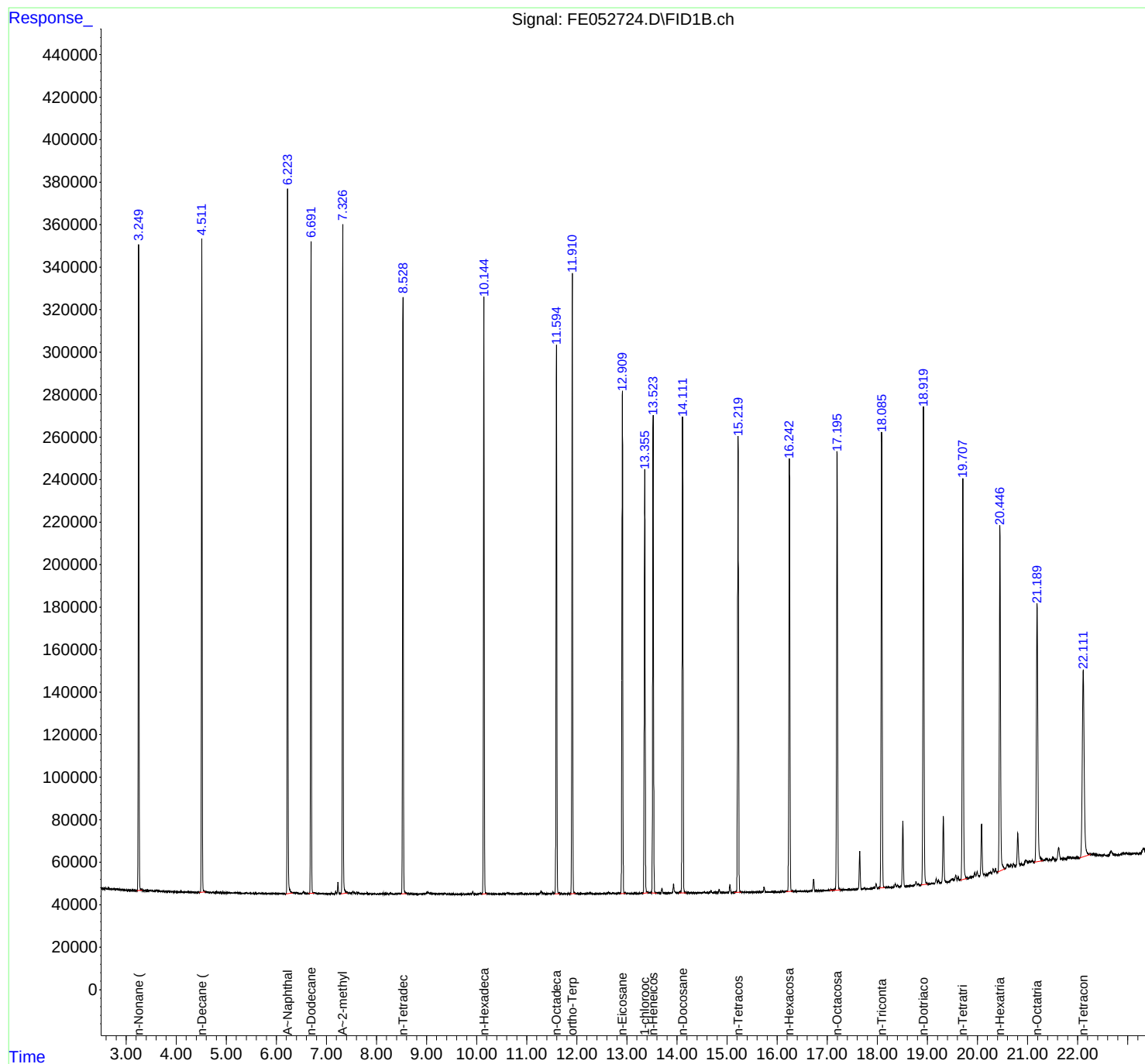
(m)=manual int.

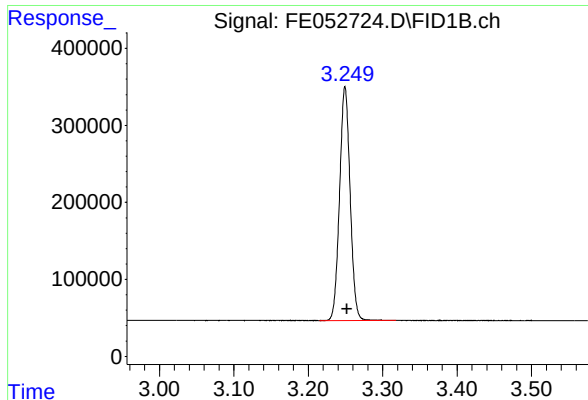
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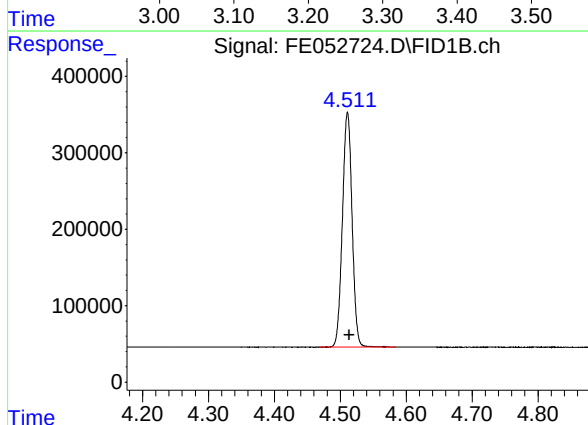




#1 n-Nonane (C9)

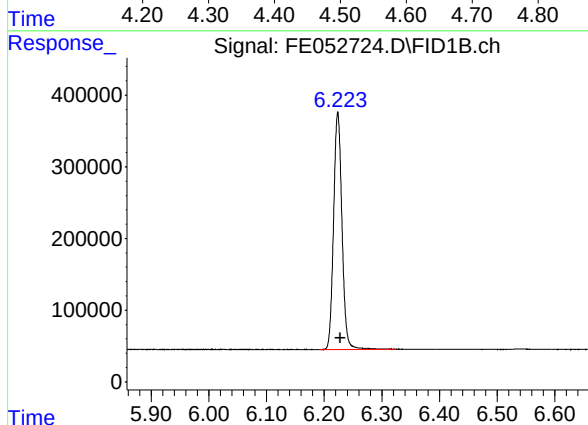
R.T.: 3.249 min
Delta R.T.: -0.003 min
Response: 2991326
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



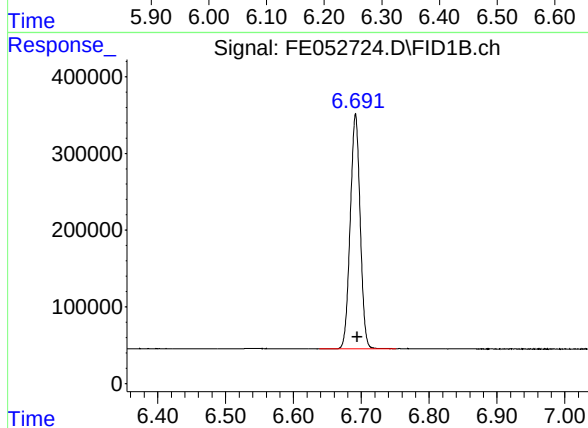
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 3137720
Conc: 19.97 ug/ml



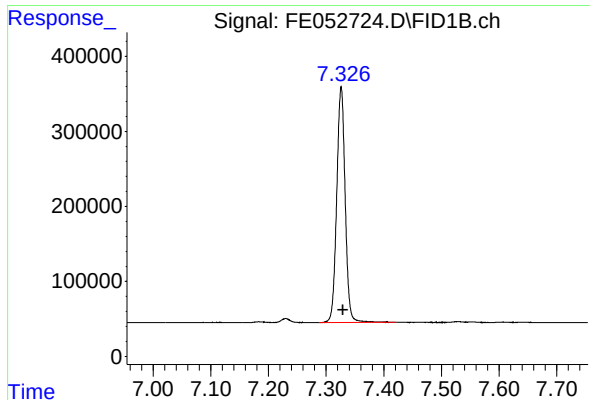
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 3350812
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

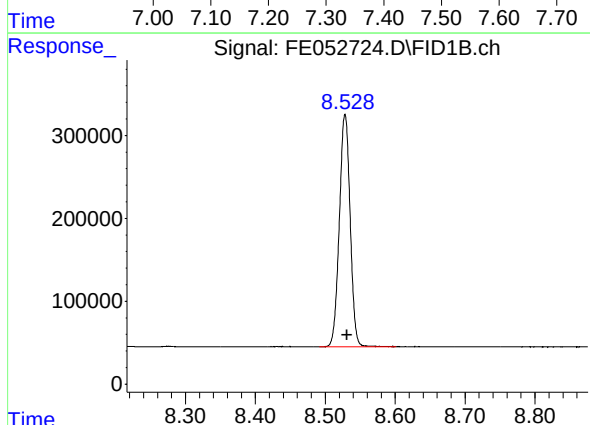
R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 3108147
Conc: 19.96 ug/ml



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

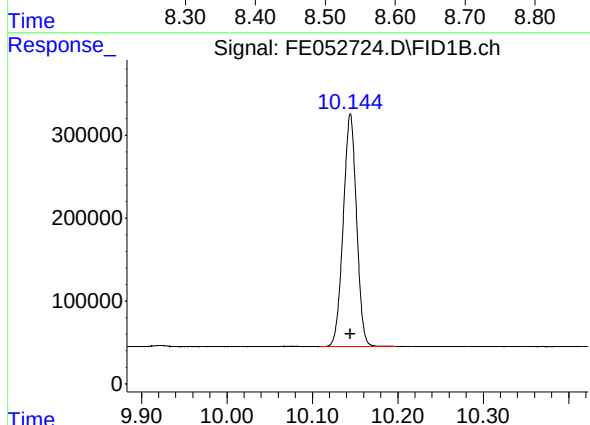
R.T.: 7.326 min
Delta R.T.: -0.003 min
Response: 3207154
Conc: 19.79 ug/ml

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20 PPM ALIPHATIC HC STD



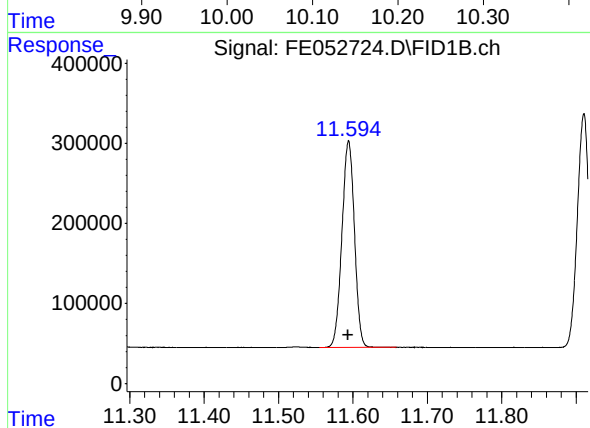
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.002 min
Response: 3007485
Conc: 19.88 ug/ml



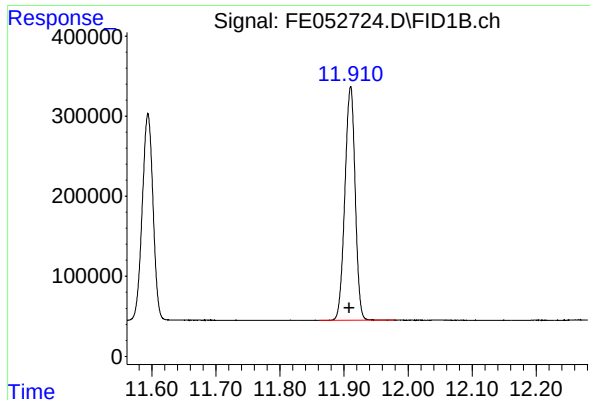
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: 0.000 min
Response: 3039701
Conc: 19.88 ug/ml



#8 n-Octadecane (C18)

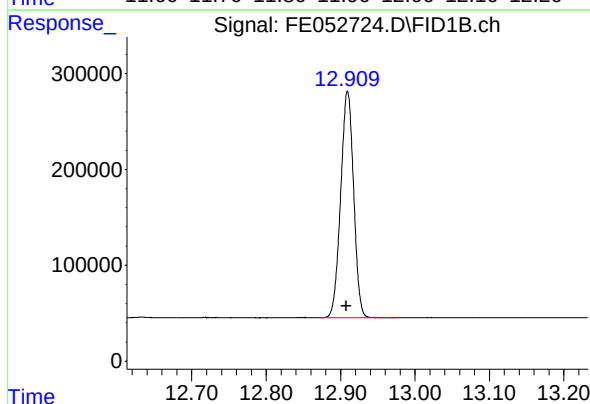
R.T.: 11.594 min
Delta R.T.: 0.001 min
Response: 3010257
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

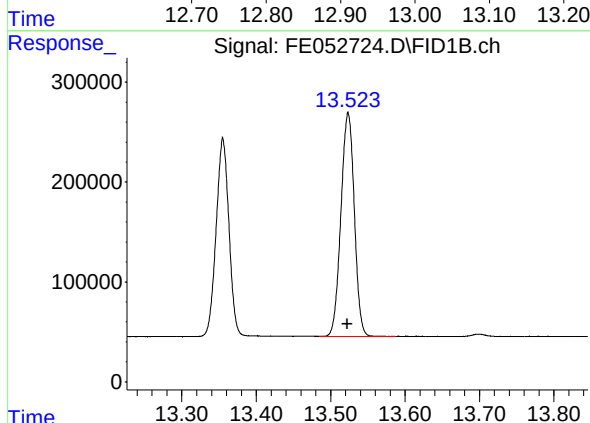
R.T.: 11.910 min
Delta R.T.: 0.002 min
Response: 3233413
Conc: 19.18 ug/ml

Instrument :
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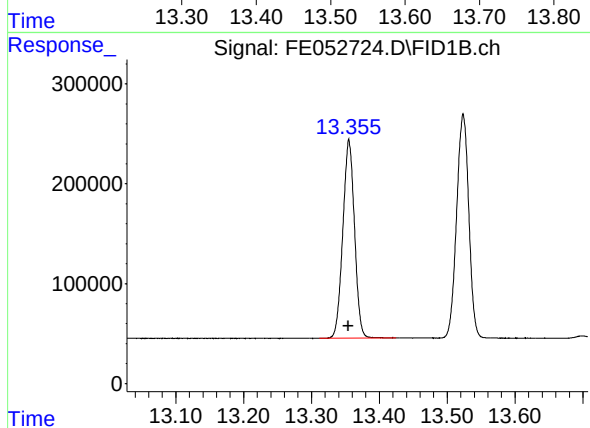
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.002 min
Response: 2857536
Conc: 19.68 ug/ml



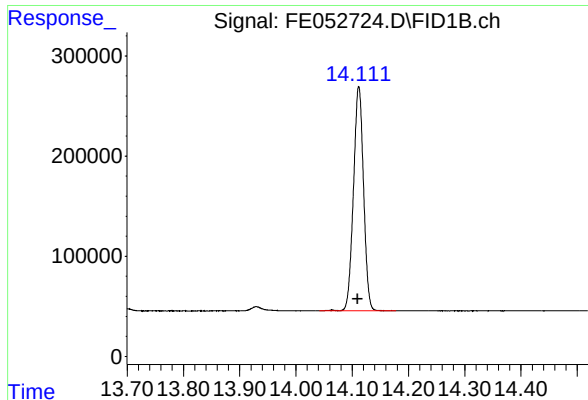
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.001 min
Response: 2798659
Conc: 19.66 ug/ml



#12 1-chlorooctadecane (SURR)

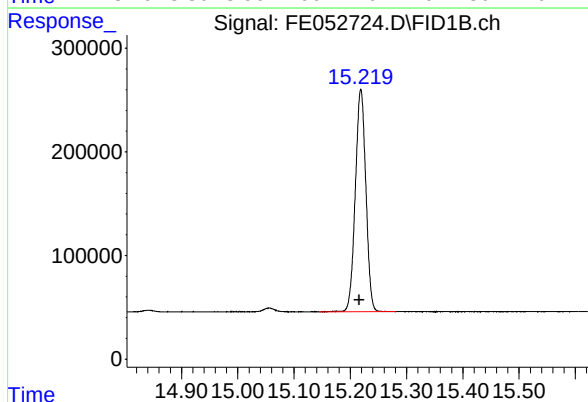
R.T.: 13.355 min
Delta R.T.: 0.001 min
Response: 2372147
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

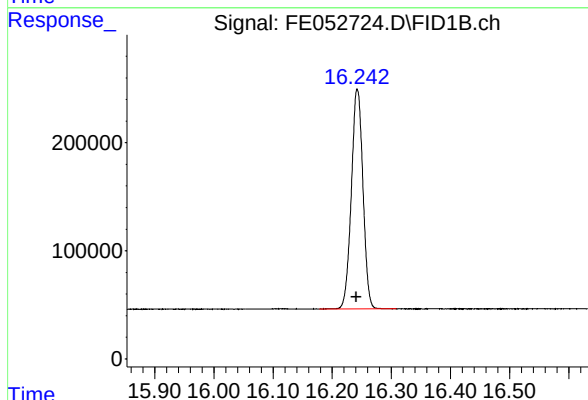
R.T.: 14.112 min
Delta R.T.: 0.002 min
Response: 2791078
Conc: 19.61 ug/ml

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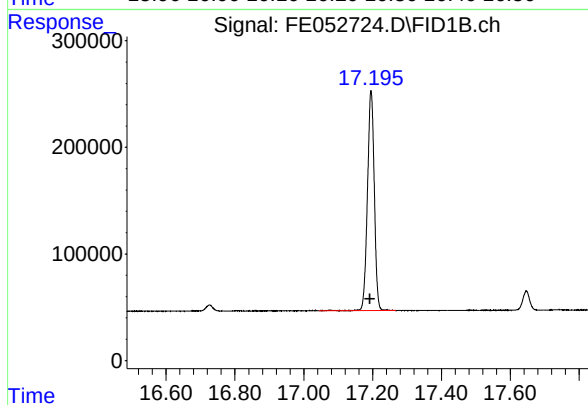
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: 0.003 min
Response: 2786788
Conc: 19.47 ug/ml



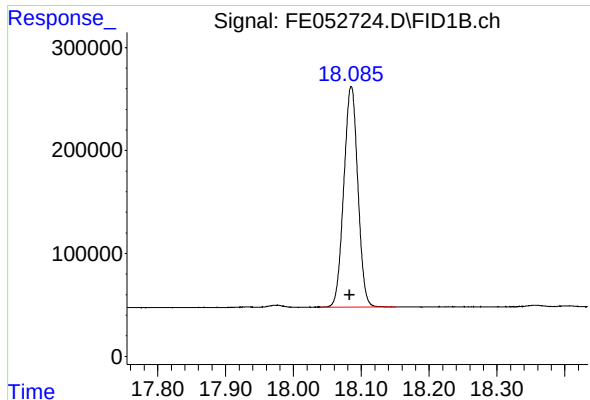
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.002 min
Response: 2773181
Conc: 19.50 ug/ml



#16 n-Octacosane (C28)

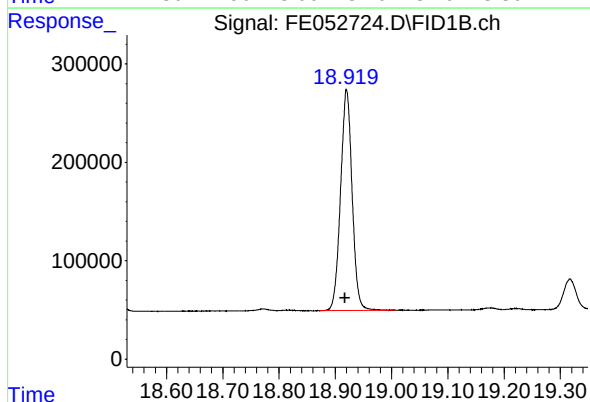
R.T.: 17.196 min
Delta R.T.: 0.004 min
Response: 2842837
Conc: 19.99 ug/ml



#17 n-Tricontane (C30)

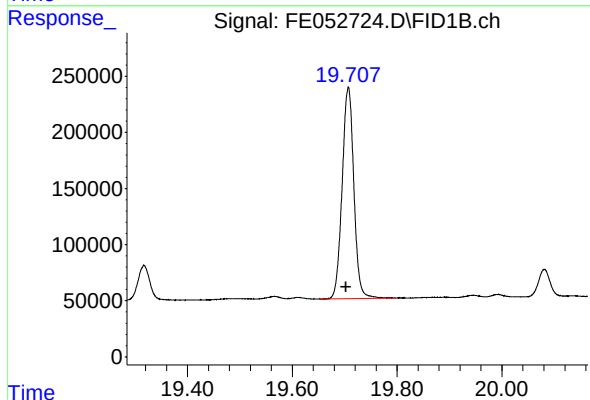
R.T.: 18.085 min
Delta R.T.: 0.003 min
Response: 3086043
Conc: 20.89 ug/ml

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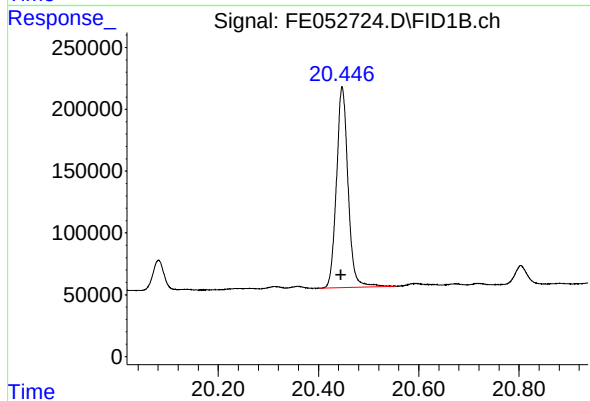
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.003 min
Response: 3202412
Conc: 22.06 ug/ml



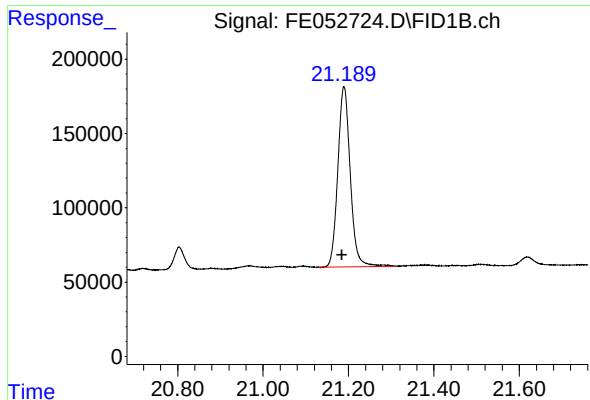
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.004 min
Response: 2917103
Conc: 21.64 ug/ml



#20 n-Hexatriacontane (C36)

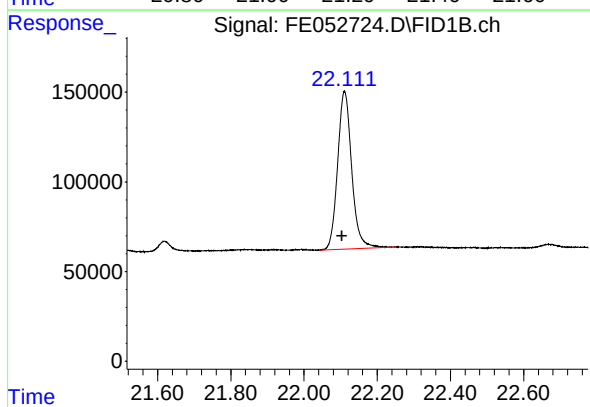
R.T.: 20.447 min
Delta R.T.: 0.003 min
Response: 2604447
Conc: 21.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.005 min
Response: 2451947
Conc: 22.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: 0.006 min
Response: 2344039
Conc: 21.68 ug/ml