

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032525AL\
 Data File : FE052968.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2025 21:27
 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 26 03:28:16 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)	11.906	3230347	19.161 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
12) S 1-chlorooctadecane (S...	13.350	2411813	19.862 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T n-Nonane (C9)	3.246	2963469	19.113 ug/ml
2) T n-Decane (C10)	4.508	3161803	20.127 ug/ml
3) T A~Naphthalene (C11.7)	6.223	3371122	19.878 ug/ml
4) T n-Dodecane (C12)	6.689	3158748	20.287 ug/ml
5) T A~2-methylnaphthalene...	7.325	3233537	19.953 ug/ml
6) T n-Tetradecane (C14)	8.526	3074053	20.316 ug/ml
7) T n-Hexadecane (C16)	10.141	3114407	20.371 ug/ml
8) T n-Octadecane (C18)	11.590	3063646	20.137 ug/ml
10) T n-Eicosane (C20)	12.905	2881799	19.851 ug/ml
11) T n-Heneicosane (C21)	13.519	2810355	19.745 ug/ml
13) T n-Docosane (C22)	14.107	2791046	19.613 ug/ml
14) T n-Tetracosane (C24)	15.214	2784552	19.458 ug/ml
15) T n-Hexacosane (C26)	16.238	2764135	19.439 ug/ml
16) T n-Octacosane (C28)	17.191	2848230	20.030 ug/ml
17) T n-Tricontane (C30)	18.080	3160189	21.396 ug/ml
18) T n-Dotriacontane (C32)	18.915	3230488	22.252 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2906738	21.567 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2550852	21.468 ug/ml
21) T n-Octatriacontane (C38)	21.185	2454634	22.127 ug/ml
22) T n-Tetracontane (C40)	22.104	2482295	22.960 ug/ml

(f)=RT Delta > 1/2 Window

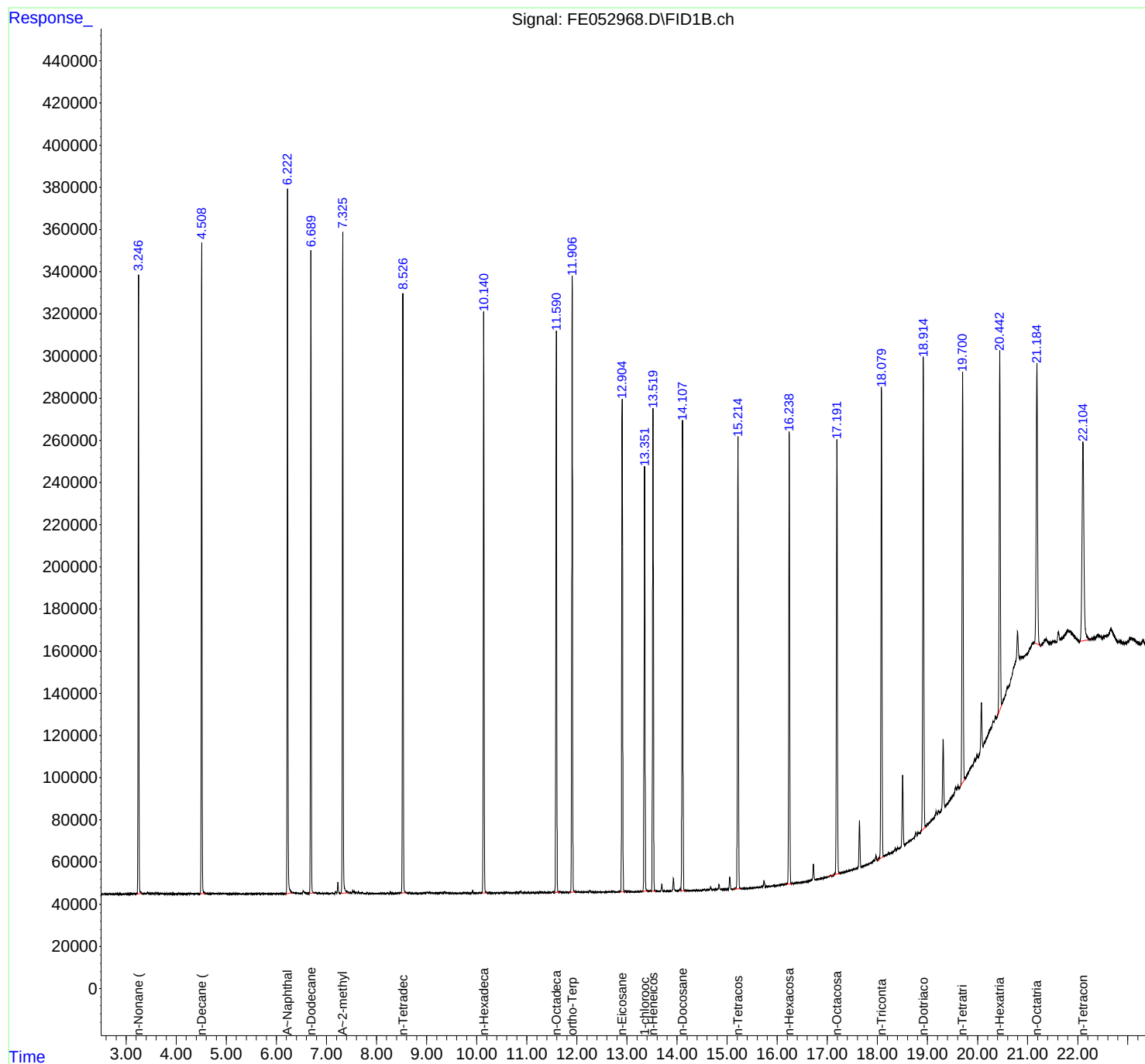
(m)=manual int.

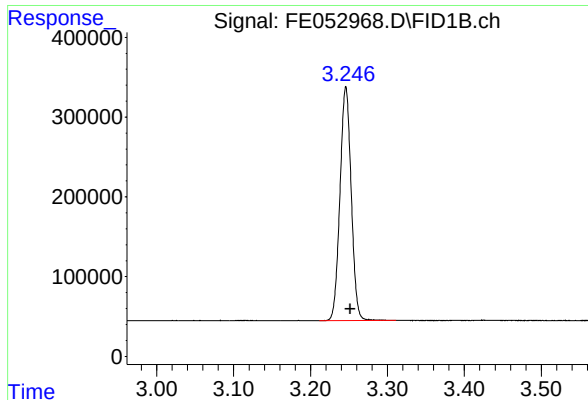
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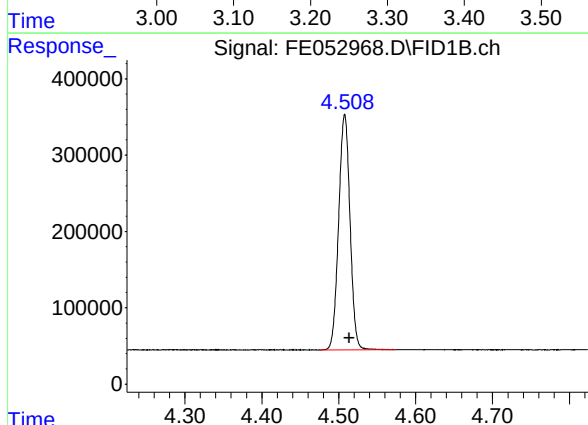




#1 n-Nonane (C9)

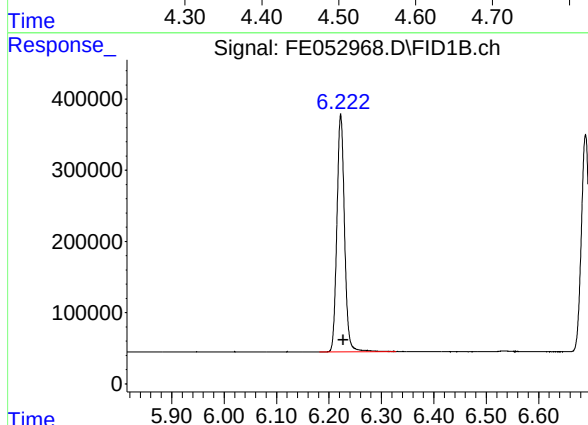
R.T.: 3.246 min
Delta R.T.: -0.006 min
Response: 2963469
Conc: 19.11 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



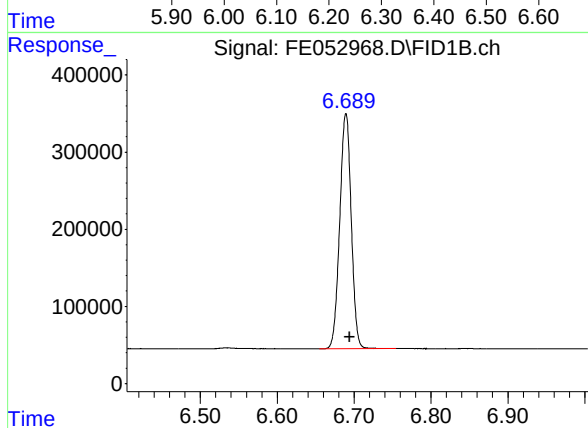
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.006 min
Response: 3161803
Conc: 20.13 ug/ml



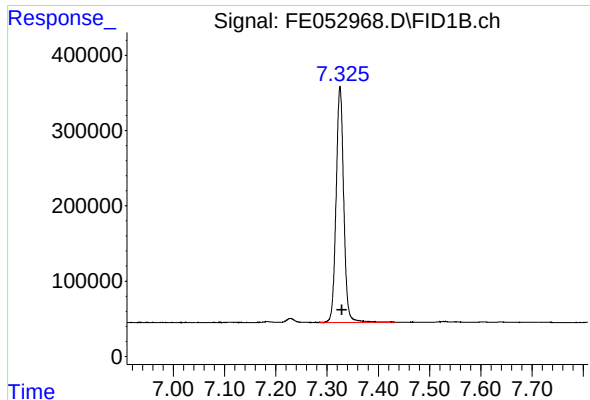
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 3371122
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

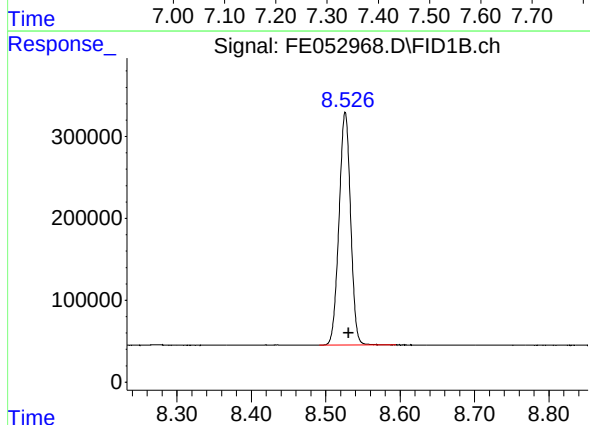
R.T.: 6.689 min
Delta R.T.: -0.005 min
Response: 3158748
Conc: 20.29 ug/ml



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

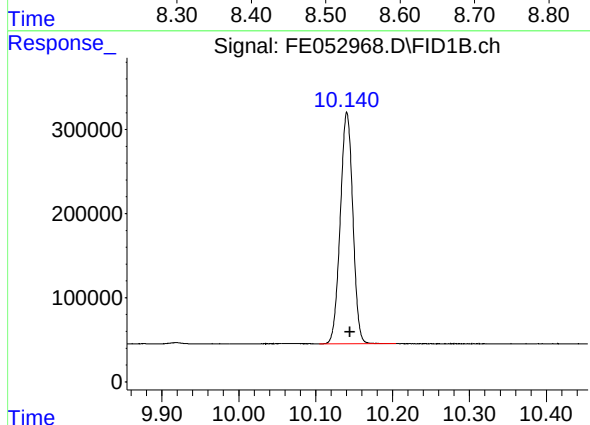
R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 3233537
Conc: 19.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



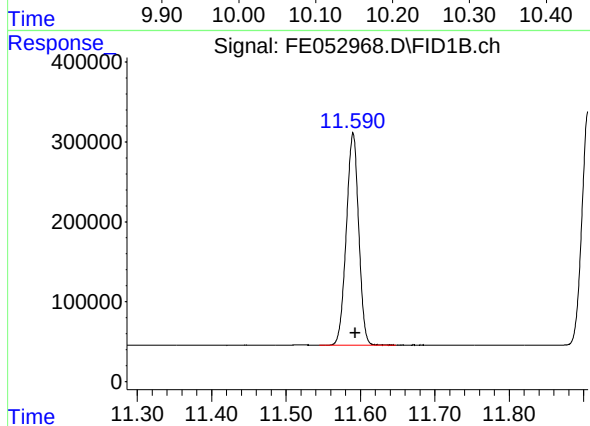
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.005 min
Response: 3074053
Conc: 20.32 ug/ml



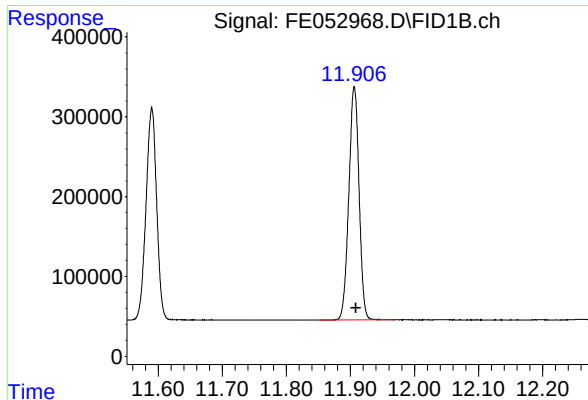
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.004 min
Response: 3114407
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

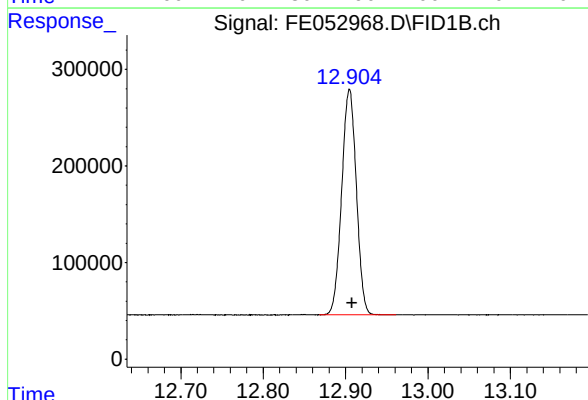
R.T.: 11.590 min
Delta R.T.: -0.003 min
Response: 3063646
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

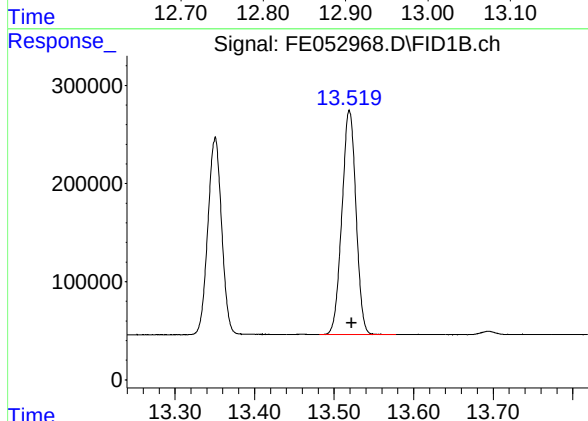
R.T.: 11.906 min
Delta R.T.: -0.003 min
Response: 3230347
Conc: 19.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



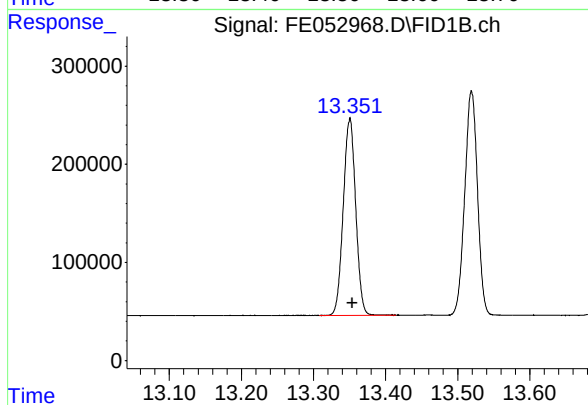
#10 n-Eicosane (C20)

R.T.: 12.905 min
Delta R.T.: -0.003 min
Response: 2881799
Conc: 19.85 ug/ml



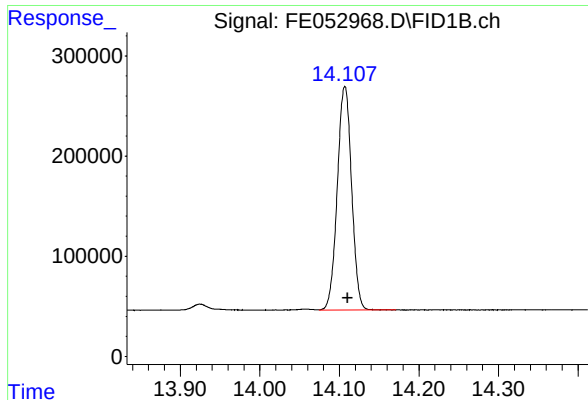
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.003 min
Response: 2810355
Conc: 19.75 ug/ml



#12 1-chlorooctadecane (SURR)

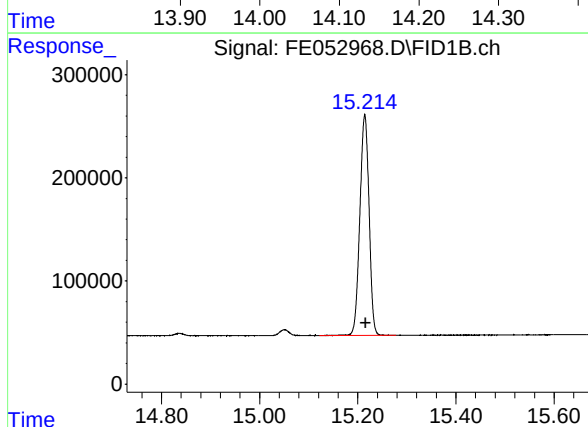
R.T.: 13.350 min
Delta R.T.: -0.004 min
Response: 2411813
Conc: 19.86 ug/ml



#13 n-Docosane (C22)

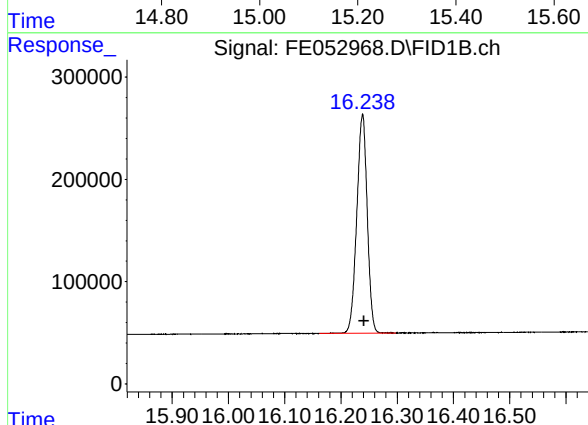
R.T.: 14.107 min
Delta R.T.: -0.003 min
Response: 2791046
Conc: 19.61 ug/ml

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20 PPM ALIPHATIC HC STD



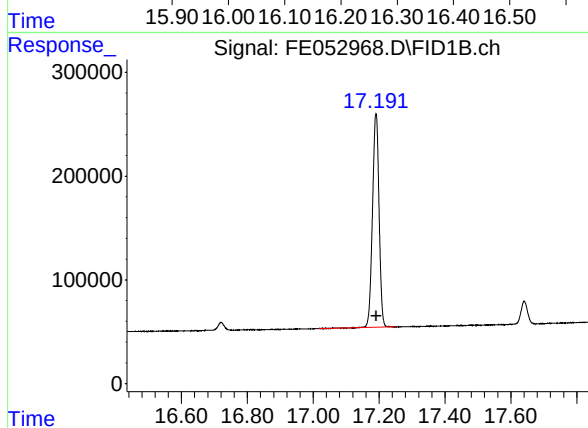
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.002 min
Response: 2784552
Conc: 19.46 ug/ml



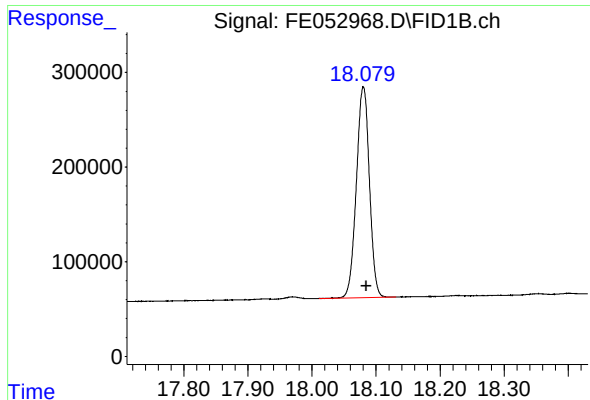
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.002 min
Response: 2764135
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

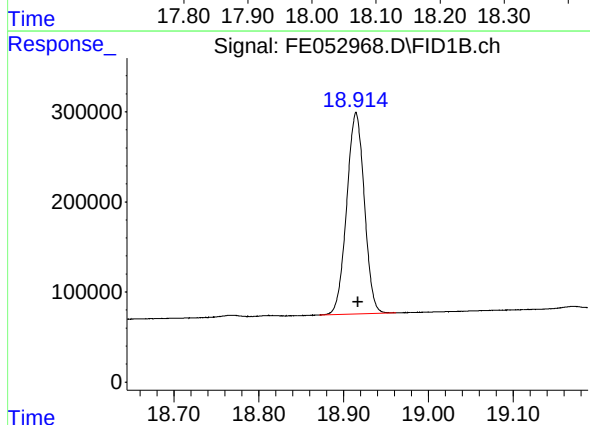
R.T.: 17.191 min
Delta R.T.: -0.001 min
Response: 2848230
Conc: 20.03 ug/ml



#17 n-Tricontane (C30)

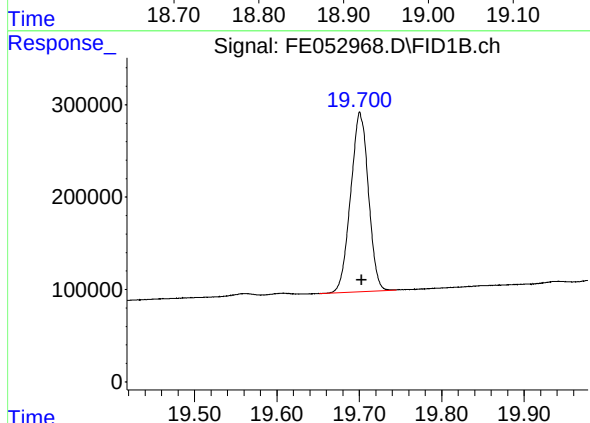
R.T.: 18.080 min
Delta R.T.: -0.005 min
Response: 3160189
Conc: 21.40 ug/ml

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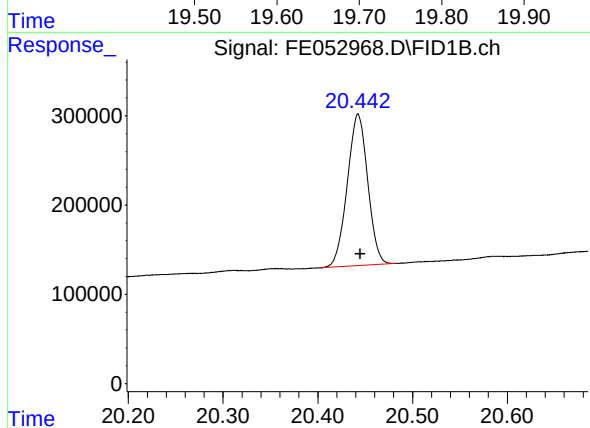
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.002 min
Response: 3230488
Conc: 22.25 ug/ml



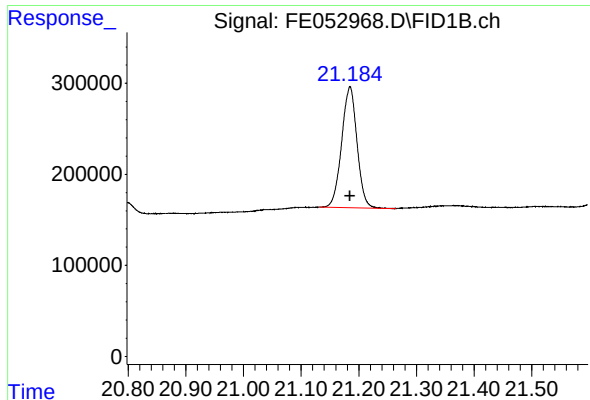
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.002 min
Response: 2906738
Conc: 21.57 ug/ml



#20 n-Hexatriacontane (C36)

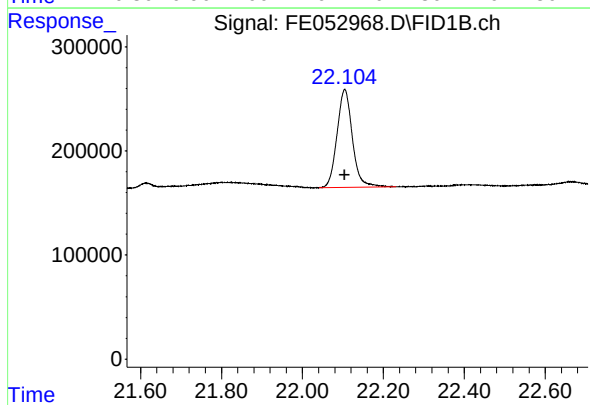
R.T.: 20.443 min
Delta R.T.: -0.002 min
Response: 2550852
Conc: 21.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: 0.000 min
Response: 2454634
Conc: 22.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: 0.000 min
Response: 2482295
Conc: 22.96 ug/ml