

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111424AL\
 Data File : FE051229.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2024 12:10
 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: sample.E
 Quant Time: Nov 15 04:09:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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)	11.847	2973671	19.812 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
12) S 1-chlorooctadecane (S...	13.279	2244214	19.767 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T n-Nonane (C9)	3.236	2836516	20.500 ug/ml
2) T n-Decane (C10)	4.486	2865800	20.444 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2698159	20.464 ug/ml
4) T n-Dodecane (C12)	6.653	2884909	20.432 ug/ml
5) T A~2-methylnaphthalene...	7.295	2480807	19.832 ug/ml
6) T n-Tetradecane (C14)	8.479	2804134	20.121 ug/ml
7) T n-Hexadecane (C16)	10.085	2836955	19.992 ug/ml
8) T n-Octadecane (C18)	11.525	2844183	19.917 ug/ml
10) T n-Eicosane (C20)	12.833	2709562	19.799 ug/ml
11) T n-Heneicosane (C21)	13.444	2652259	19.846 ug/ml
13) T n-Docosane (C22)	14.028	2634390	19.815 ug/ml
14) T n-Tetracosane (C24)	15.130	2631337	19.836 ug/ml
15) T n-Hexacosane (C26)	16.149	2642513	19.740 ug/ml
16) T n-Octacosane (C28)	17.097	2662674	19.531 ug/ml
17) T n-Tricontane (C30)	17.984	2779697	19.132 ug/ml
18) T n-Dotriacontane (C32)	18.814	2756294	18.563 ug/ml
19) T n-Tetratriacontane (C34)	19.598	2466418	18.356 ug/ml
20) T n-Hexatriacontane (C36)	20.337	2162964	18.128 ug/ml
21) T n-Octatriacontane (C38)	21.059	1924457	16.908 ug/ml
22) T n-Tetracontane (C40)	21.938	1707297	15.351 ug/ml

(f)=RT Delta > 1/2 Window

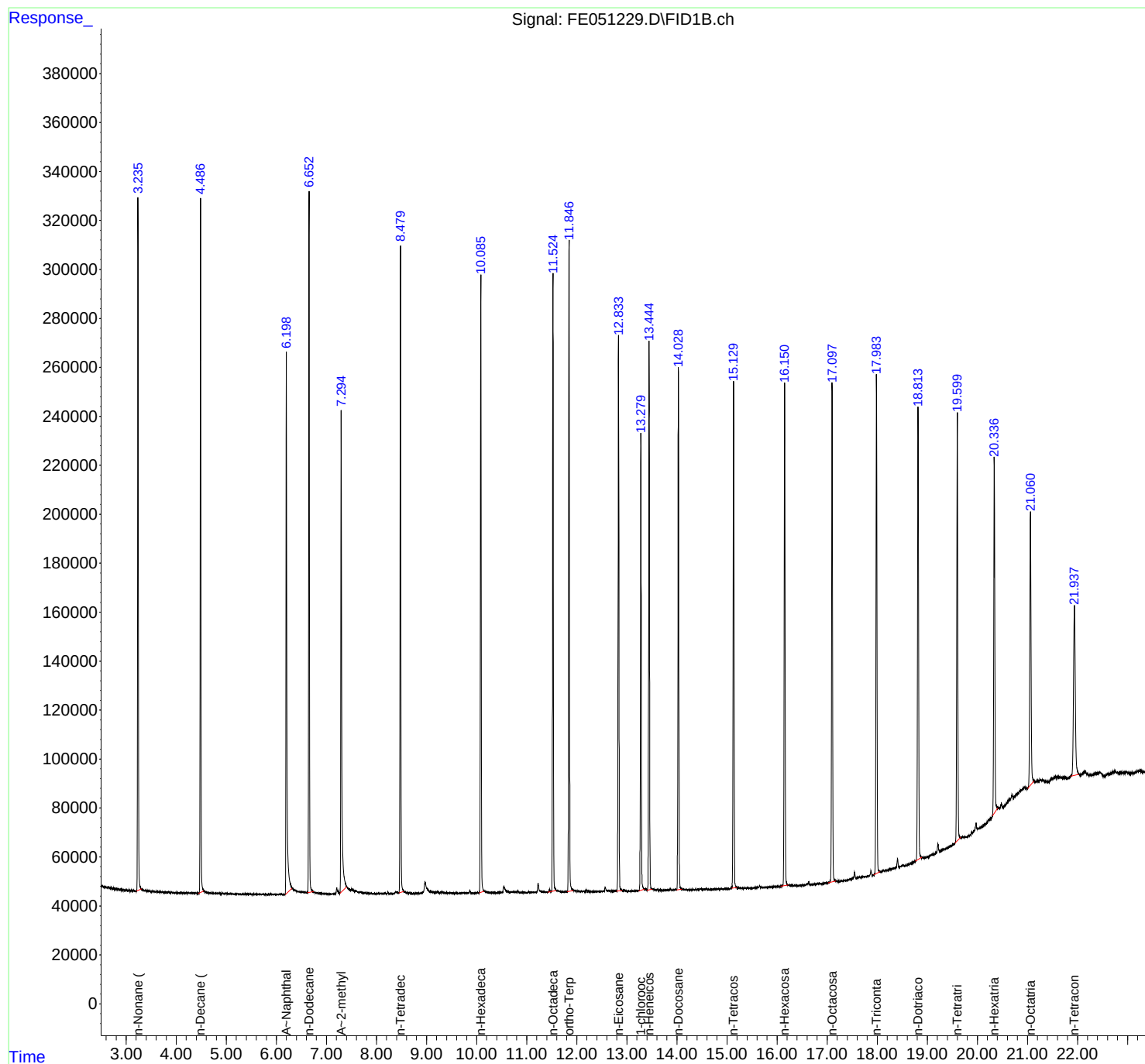
(m)=manual int.

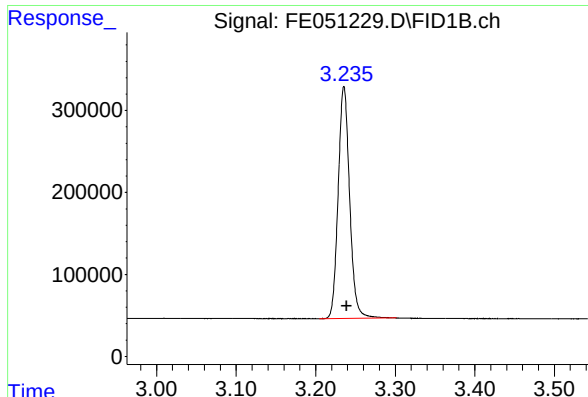
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111424AL\
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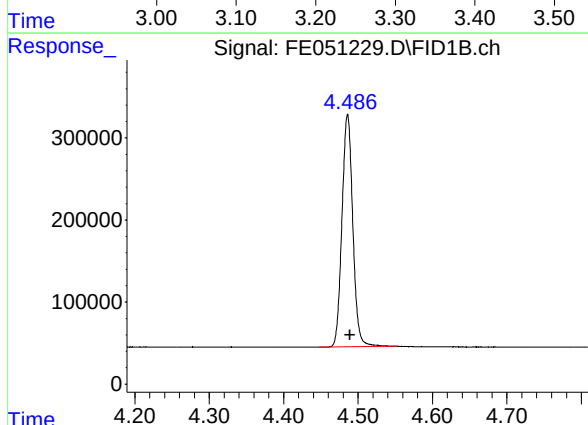




#1 n-Nonane (C9)

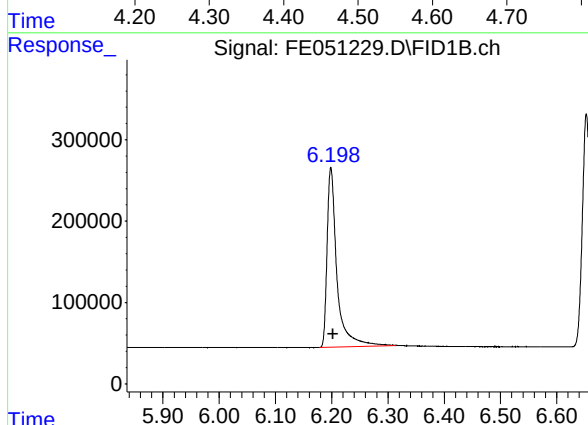
R.T.: 3.236 min
Delta R.T.: -0.003 min
Response: 2836516
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



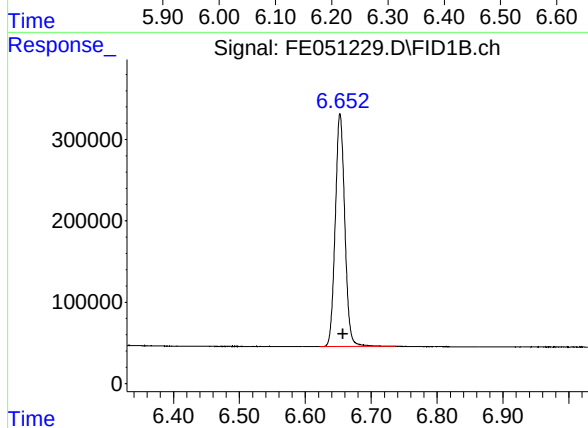
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.003 min
Response: 2865800
Conc: 20.44 ug/ml



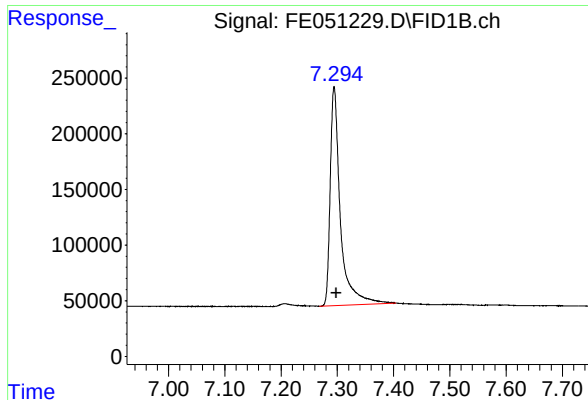
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 2698159
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

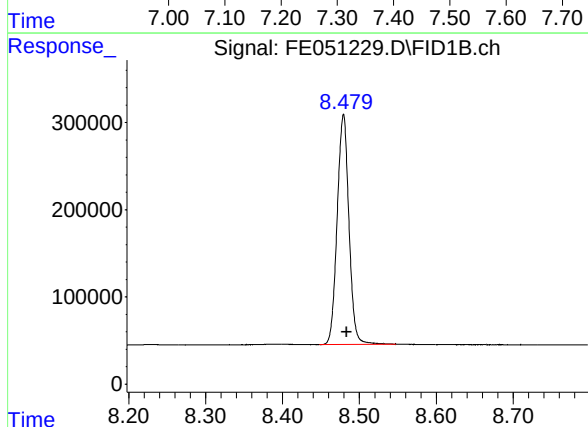
R.T.: 6.653 min
Delta R.T.: -0.004 min
Response: 2884909
Conc: 20.43 ug/ml



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

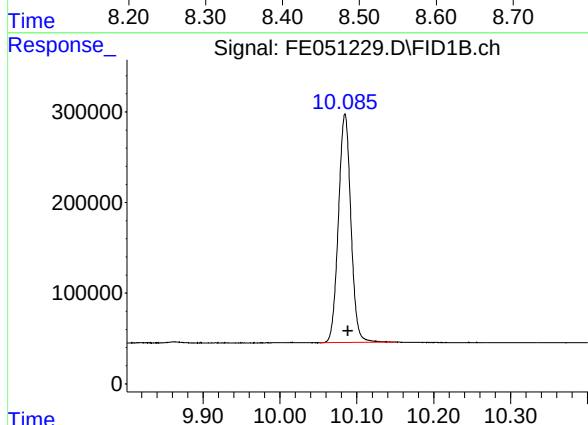
R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 2480807
Conc: 19.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



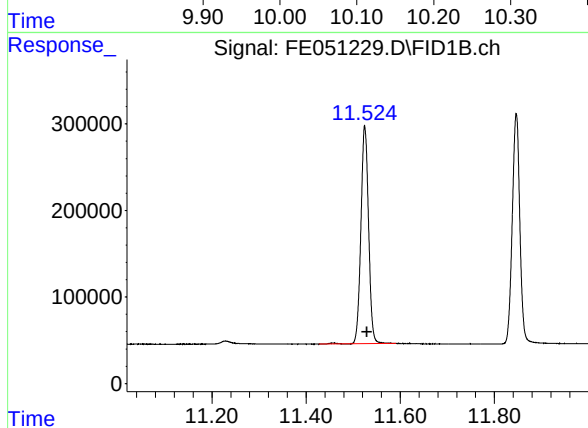
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 2804134
Conc: 20.12 ug/ml



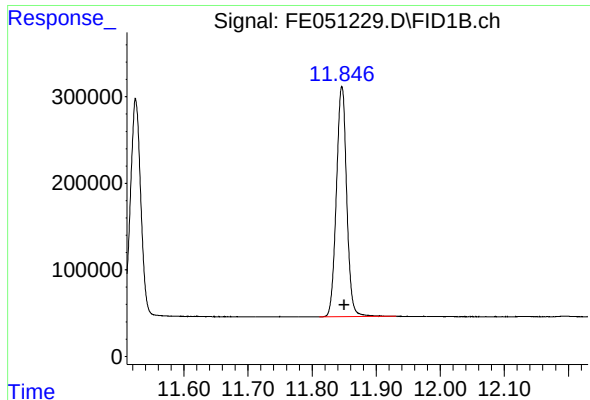
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.004 min
Response: 2836955
Conc: 19.99 ug/ml



#8 n-Octadecane (C18)

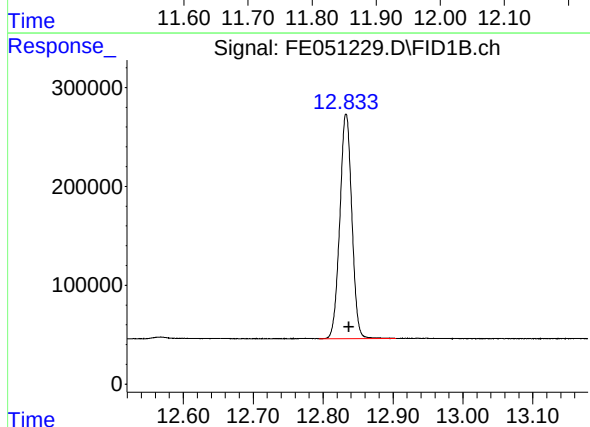
R.T.: 11.525 min
Delta R.T.: -0.005 min
Response: 2844183
Conc: 19.92 ug/ml



#9 ortho-Terphenyl (SURR)

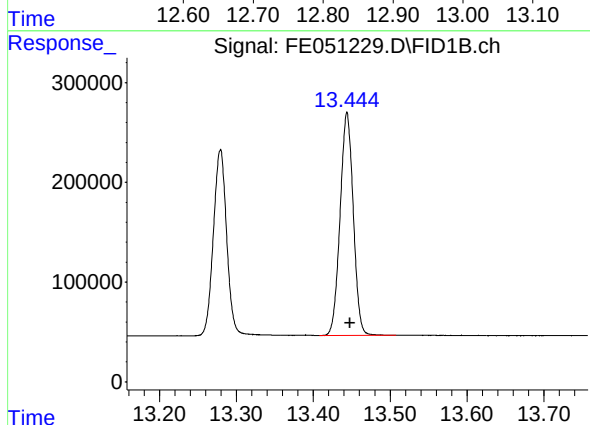
R.T.: 11.847 min
Delta R.T.: -0.004 min
Response: 2973671
Conc: 19.81 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



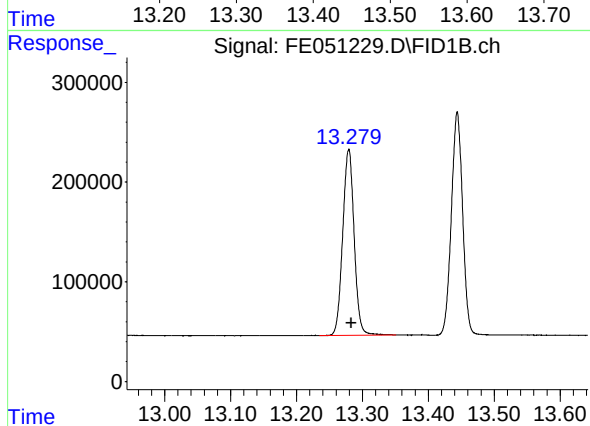
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.004 min
Response: 2709562
Conc: 19.80 ug/ml



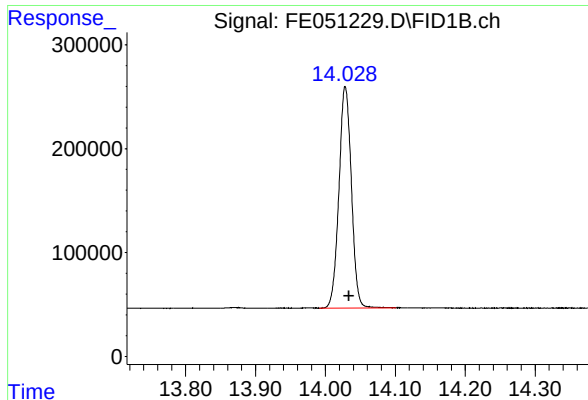
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.004 min
Response: 2652259
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

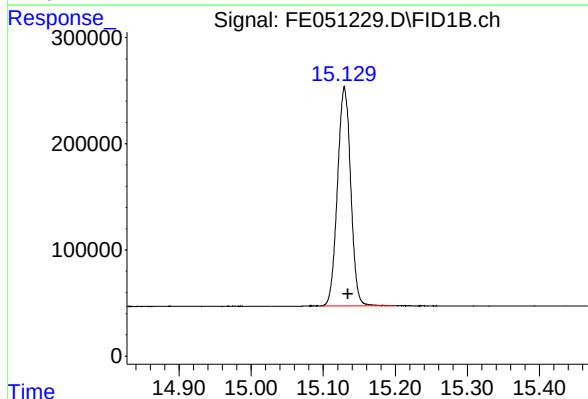
R.T.: 13.279 min
Delta R.T.: -0.004 min
Response: 2244214
Conc: 19.77 ug/ml



#13 n-Docosane (C22)

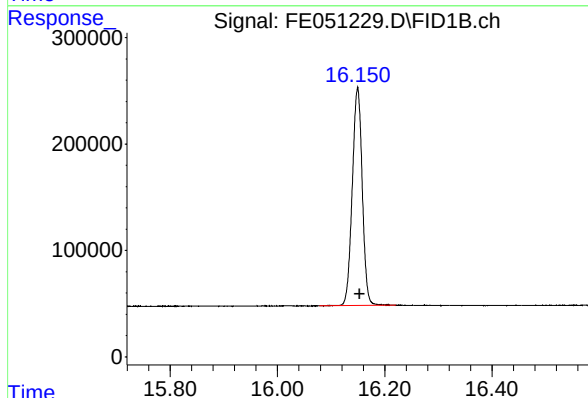
R.T.: 14.028 min
Delta R.T.: -0.005 min
Response: 2634390
Conc: 19.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



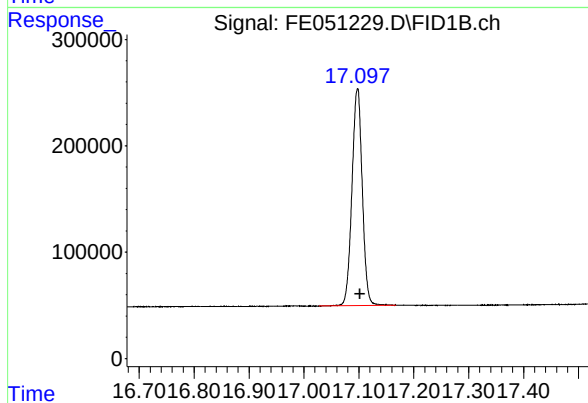
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.005 min
Response: 2631337
Conc: 19.84 ug/ml



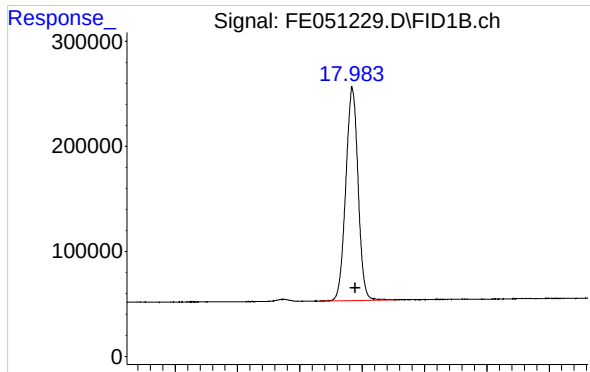
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: -0.004 min
Response: 2642513
Conc: 19.74 ug/ml



#16 n-Octacosane (C28)

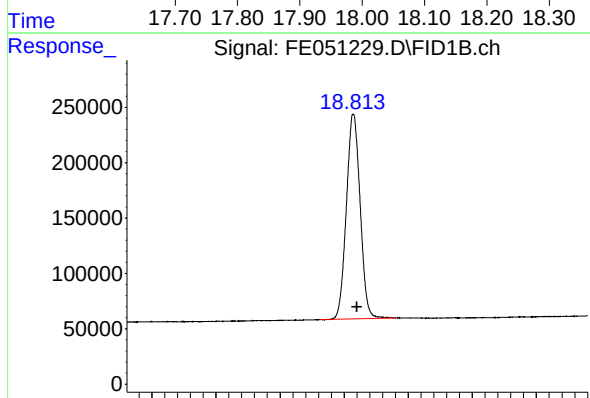
R.T.: 17.097 min
Delta R.T.: -0.005 min
Response: 2662674
Conc: 19.53 ug/ml



#17 n-Tricontane (C30)

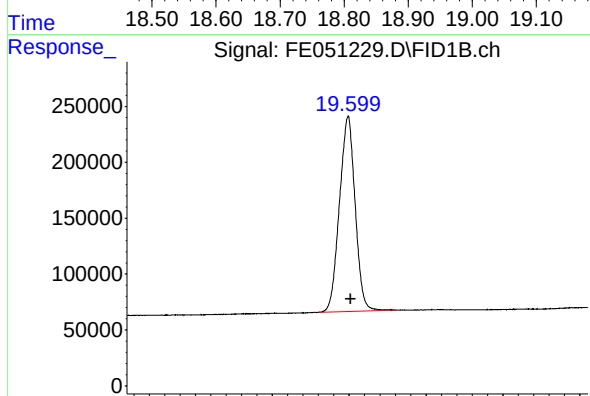
R.T.: 17.984 min
Delta R.T.: -0.005 min
Response: 2779697
Conc: 19.13 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



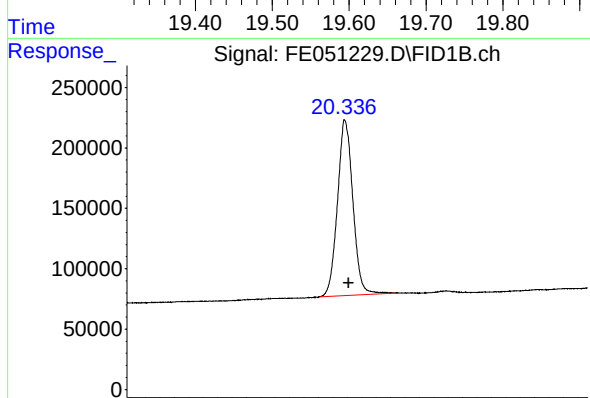
#18 n-Dotriacontane (C32)

R.T.: 18.814 min
Delta R.T.: -0.006 min
Response: 2756294
Conc: 18.56 ug/ml



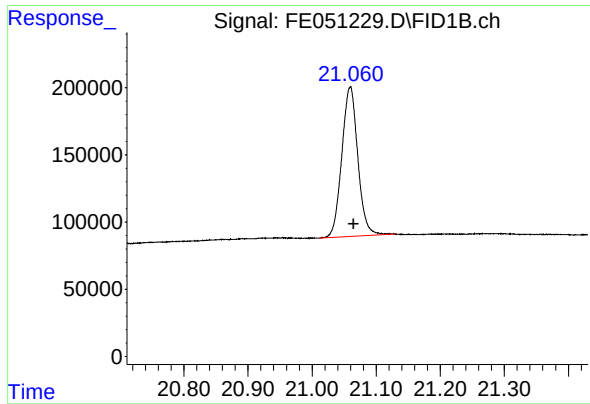
#19 n-Tetatriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.004 min
Response: 2466418
Conc: 18.36 ug/ml



#20 n-Hexatriacontane (C36)

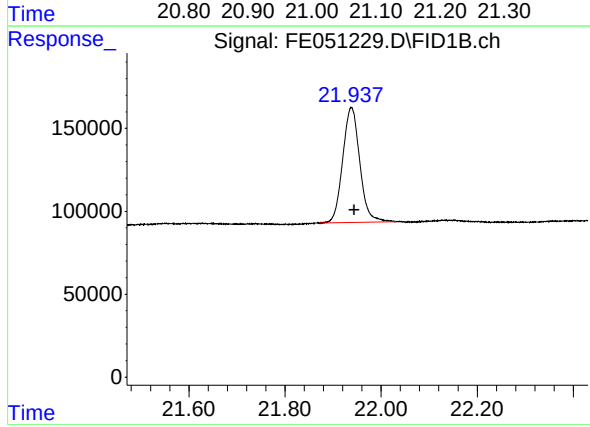
R.T.: 20.337 min
Delta R.T.: -0.005 min
Response: 2162964
Conc: 18.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.059 min
Delta R.T.: -0.005 min
Response: 1924457
Conc: 16.91 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: -0.006 min
Response: 1707297
Conc: 15.35 ug/ml