

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030425AL\
 Data File : FE052622.D
 Signal(s) : FID1B.ch
 Acq On : 05 Mar 2025 09:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Mar 05 10:16:04 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)	11.915	3573061	21.194 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
12) S 1-chlorooctadecane (S...	13.360	2687293	22.131 ug/ml
Spiked Amount 50.000		Recovery =	44.26%
Target Compounds			
1) T n-Nonane (C9)	3.253	3404513	21.957 ug/ml
2) T n-Decane (C10)	4.515	3466136	22.064 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3741224	22.060 ug/ml
4) T n-Dodecane (C12)	6.697	3413097	21.921 ug/ml
5) T A~2-methylnaphthalene...	7.333	3577157	22.073 ug/ml
6) T n-Tetradecane (C14)	8.534	3291184	21.751 ug/ml
7) T n-Hexadecane (C16)	10.149	3328728	21.772 ug/ml
8) T n-Octadecane (C18)	11.598	3307033	21.737 ug/ml
10) T n-Eicosane (C20)	12.914	3144108	21.657 ug/ml
11) T n-Heneicosane (C21)	13.528	3085581	21.679 ug/ml
13) T n-Docosane (C22)	14.116	3074959	21.608 ug/ml
14) T n-Tetracosane (C24)	15.223	3071095	21.460 ug/ml
15) T n-Hexacosane (C26)	16.247	3031710	21.321 ug/ml
16) T n-Octacosane (C28)	17.199	3018470	21.228 ug/ml
17) T n-Tricontane (C30)	18.088	3127853	21.177 ug/ml
18) T n-Dotriacontane (C32)	18.925	3098101	21.340 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2799611	20.772 ug/ml
20) T n-Hexatriacontane (C36)	20.453	2549168	21.453 ug/ml
21) T n-Octatriacontane (C38)	21.197	2501871	22.552 ug/ml
22) T n-Tetracontane (C40)	22.122	2587040	23.928 ug/ml

(f)=RT Delta > 1/2 Window

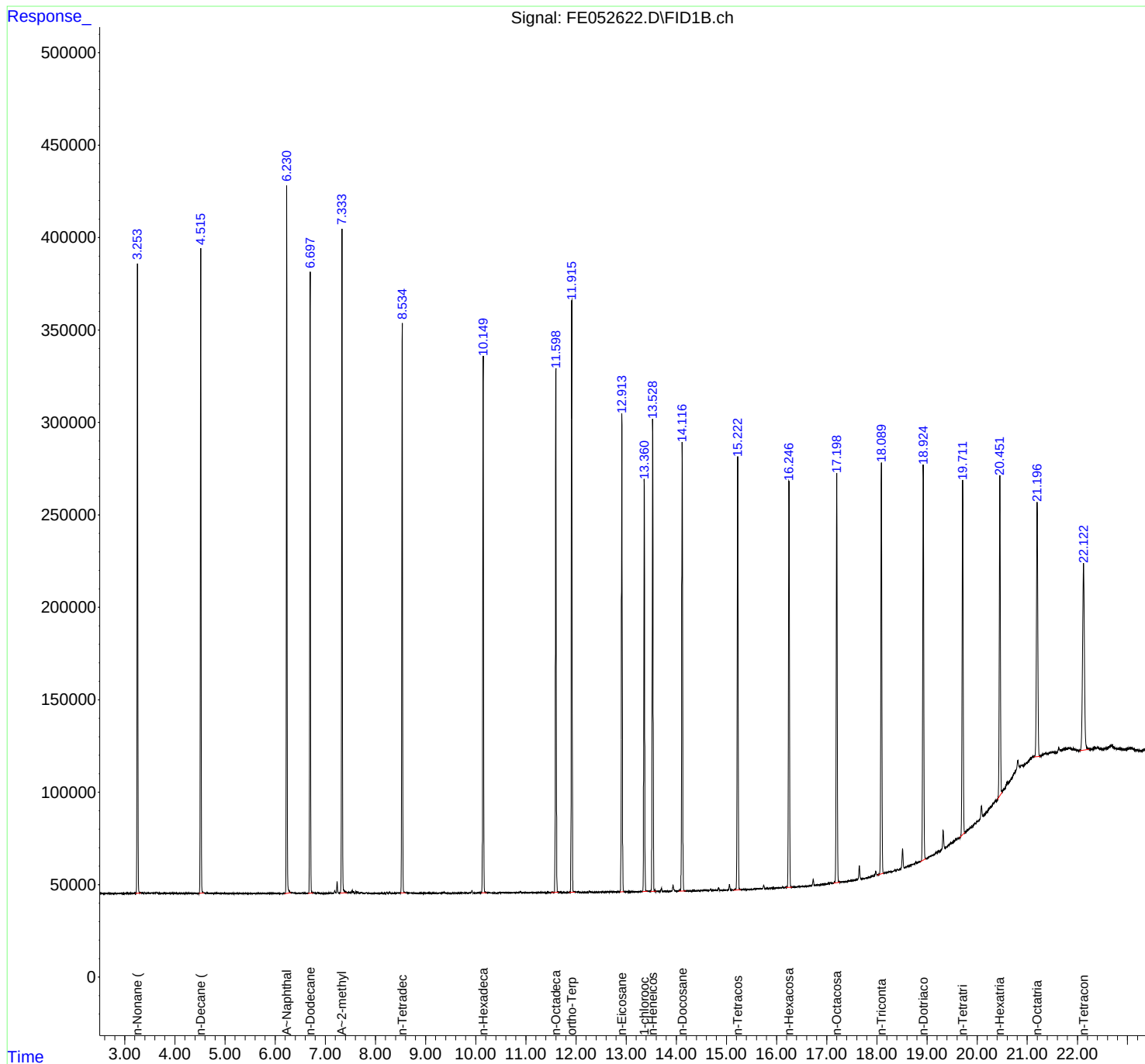
(m)=manual int.

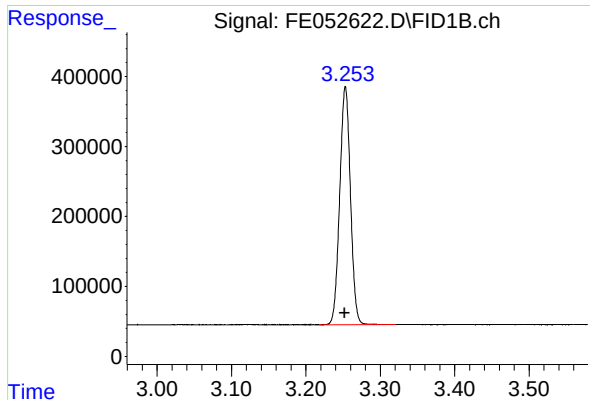
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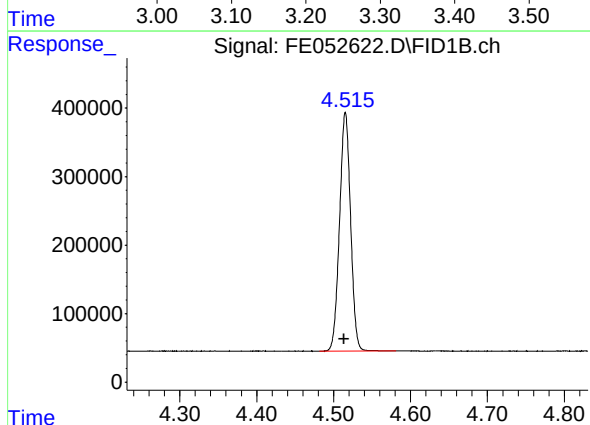




#1 n-Nonane (C9)

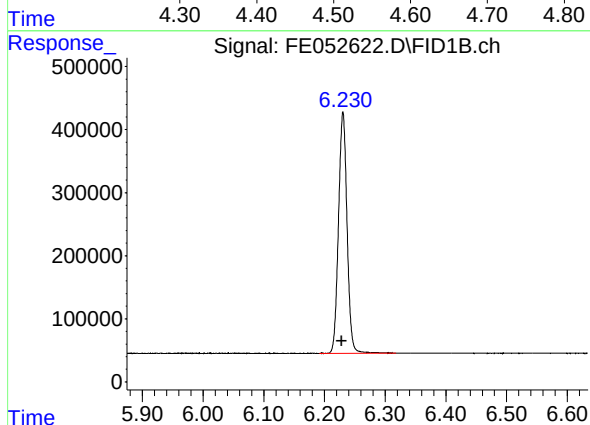
R.T.: 3.253 min
Delta R.T.: 0.001 min
Response: 3404513
Conc: 21.96 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



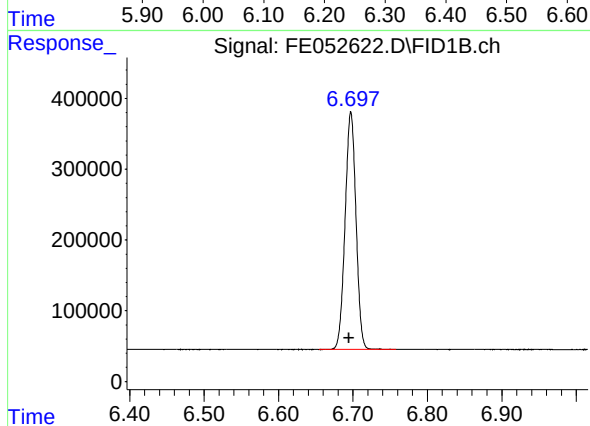
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.002 min
Response: 3466136
Conc: 22.06 ug/ml



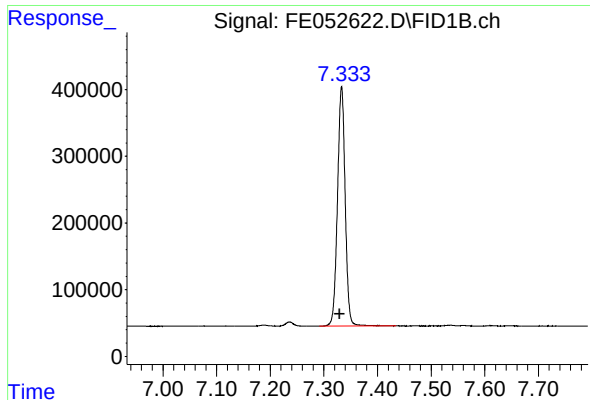
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.003 min
Response: 3741224
Conc: 22.06 ug/ml



#4 n-Dodecane (C12)

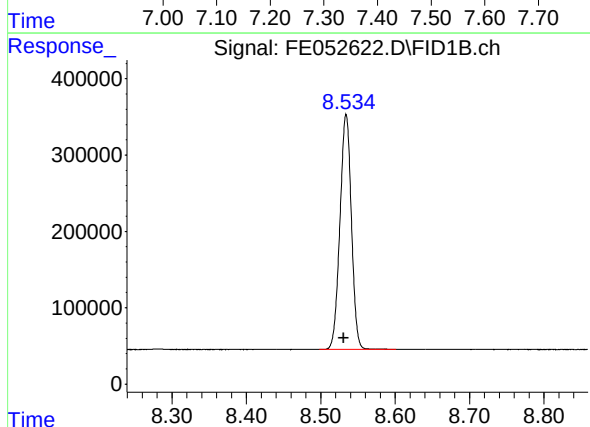
R.T.: 6.697 min
Delta R.T.: 0.003 min
Response: 3413097
Conc: 21.92 ug/ml



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

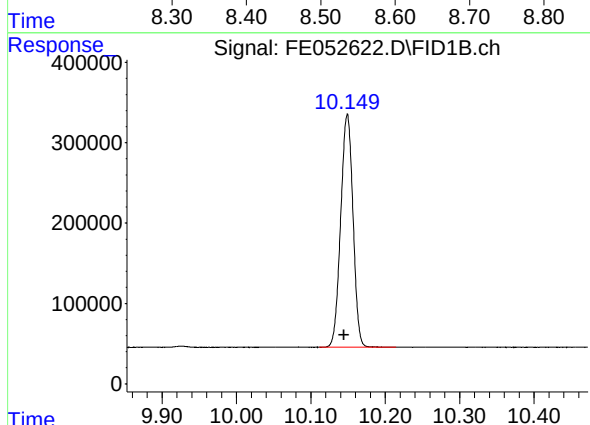
R.T.: 7.333 min
Delta R.T.: 0.004 min
Response: 3577157
Conc: 22.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



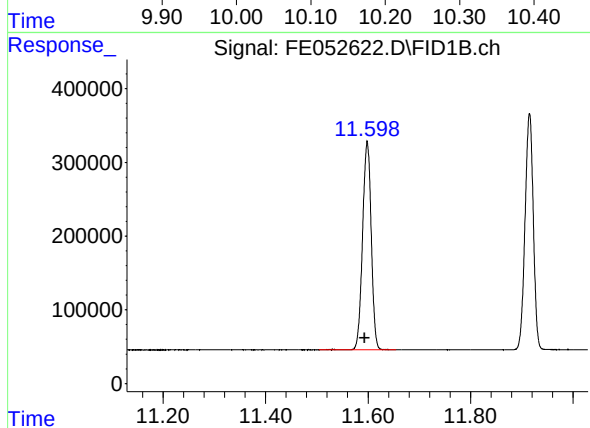
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 3291184
Conc: 21.75 ug/ml



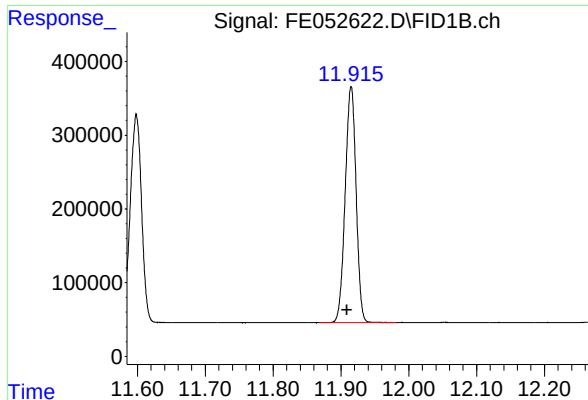
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: 0.004 min
Response: 3328728
Conc: 21.77 ug/ml



#8 n-Octadecane (C18)

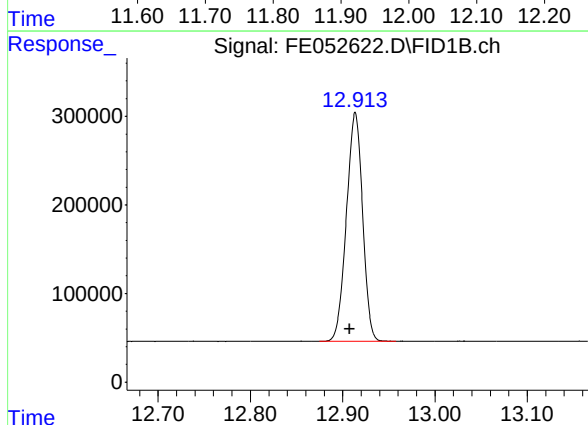
R.T.: 11.598 min
Delta R.T.: 0.005 min
Response: 3307033
Conc: 21.74 ug/ml



#9 ortho-Terphenyl (SURR)

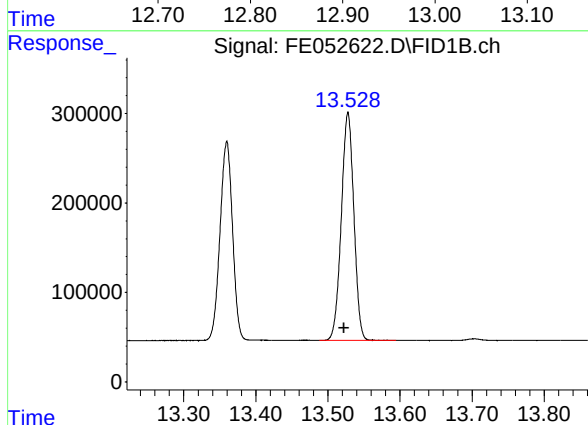
R.T.: 11.915 min
Delta R.T.: 0.006 min
Response: 3573061
Conc: 21.19 ug/ml

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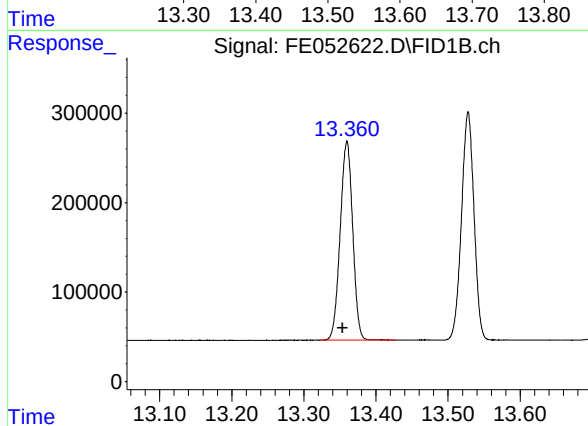
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.006 min
Response: 3144108
Conc: 21.66 ug/ml



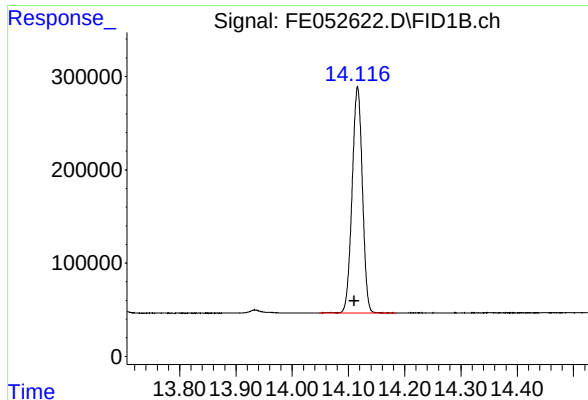
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.006 min
Response: 3085581
Conc: 21.68 ug/ml



#12 1-chlorooctadecane (SURR)

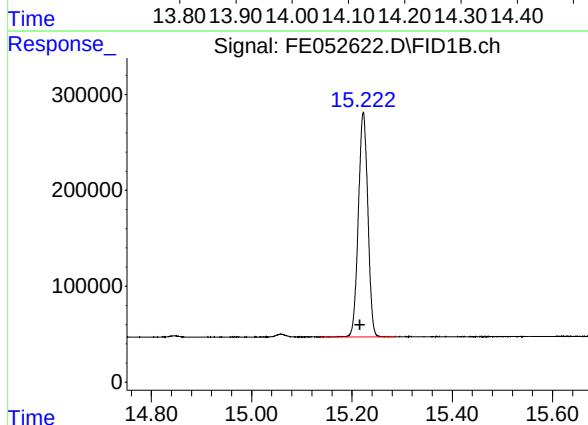
R.T.: 13.360 min
Delta R.T.: 0.006 min
Response: 2687293
Conc: 22.13 ug/ml



#13 n-Docosane (C22)

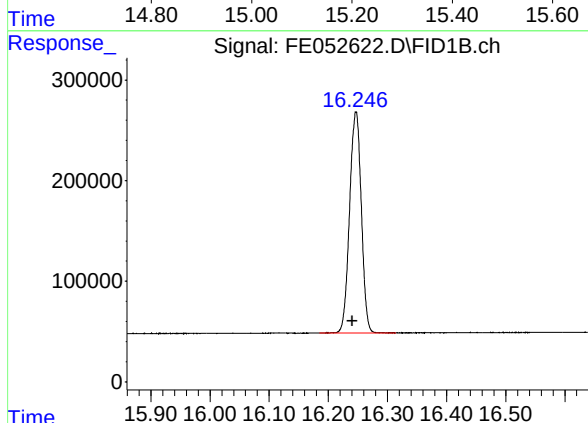
R.T.: 14.116 min
Delta R.T.: 0.006 min
Response: 3074959
Conc: 21.61 ug/ml

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20 PPM ALIPHATIC HC STD



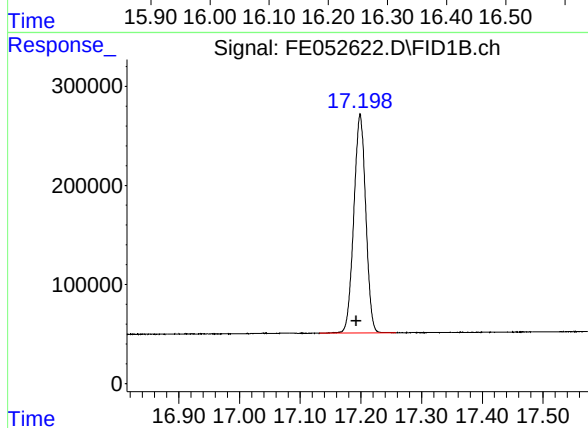
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.007 min
Response: 3071095
Conc: 21.46 ug/ml



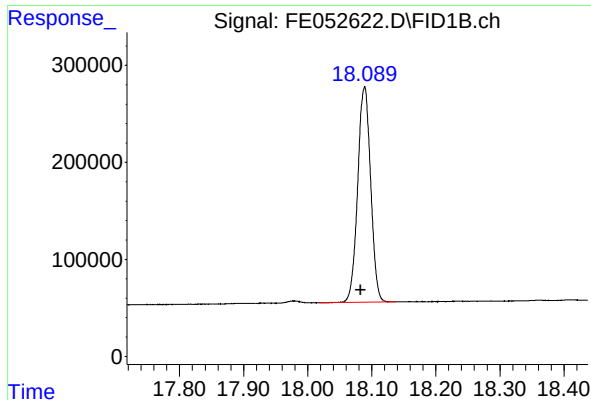
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.006 min
Response: 3031710
Conc: 21.32 ug/ml



#16 n-Octacosane (C28)

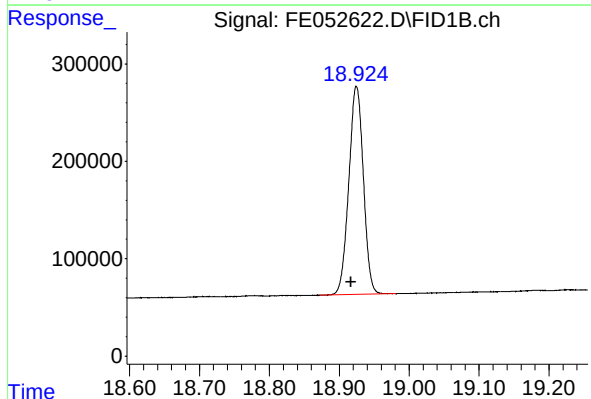
R.T.: 17.199 min
Delta R.T.: 0.007 min
Response: 3018470
Conc: 21.23 ug/ml



#17 n-Tricontane (C30)

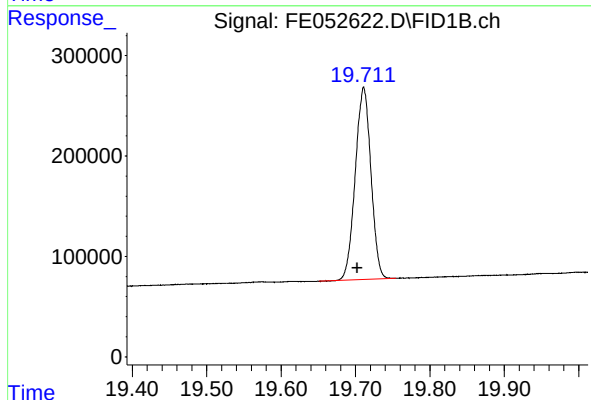
R.T.: 18.088 min
Delta R.T.: 0.006 min
Response: 3127853
Conc: 21.18 ug/ml

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20 PPM ALIPHATIC HC STD



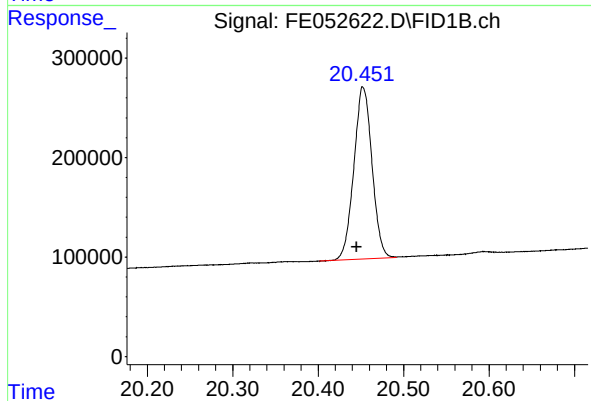
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: 0.008 min
Response: 3098101
Conc: 21.34 ug/ml



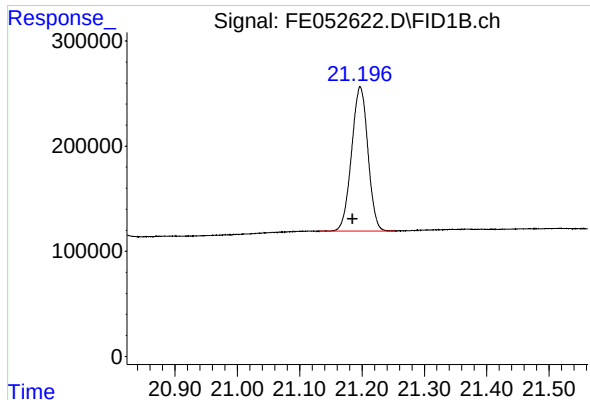
#19 n-Tetatriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.008 min
Response: 2799611
Conc: 20.77 ug/ml



#20 n-Hexatriacontane (C36)

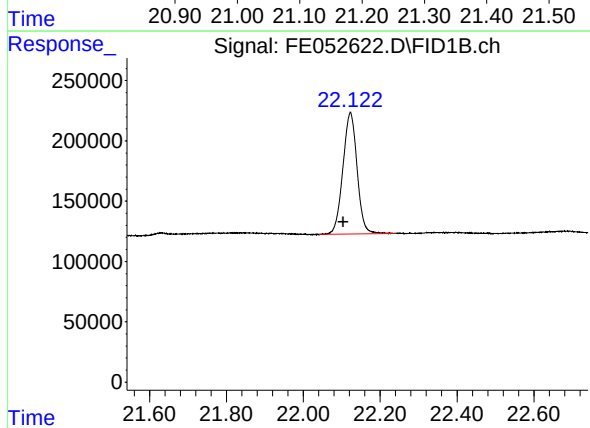
R.T.: 20.453 min
Delta R.T.: 0.008 min
Response: 2549168
Conc: 21.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: 0.012 min
Response: 2501871
Conc: 22.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.018 min
Response: 2587040
Conc: 23.93 ug/ml