

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022825AL\
 Data File : FE052571.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2025 19:48
 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: autoint1.e
 Quant Time: Feb 28 22:12:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.916	3228395	17.270 ug/ml
Spiked Amount 50.000		Recovery =	34.54%
12) S 1-chlorooctadecane (S...	13.361	2398649	17.257 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
Target Compounds			
1) T n-Nonane (C9)	3.252	2953803	19.243 ug/ml
2) T n-Decane (C10)	4.514	3037487	19.448 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3292129	19.055 ug/ml
4) T n-Dodecane (C12)	6.698	3014183	19.096 ug/ml
5) T A~2-methylnaphthalene...	7.332	3155323	18.787 ug/ml
6) T n-Tetradecane (C14)	8.535	2924740	18.568 ug/ml
7) T n-Hexadecane (C16)	10.150	2950796	18.054 ug/ml
8) T n-Octadecane (C18)	11.600	2919680	17.646 ug/ml
10) T n-Eicosane (C20)	12.916	2778143	17.426 ug/ml
11) T n-Heneicosane (C21)	13.530	2724527	17.390 ug/ml
13) T n-Docosane (C22)	14.118	2729829	17.443 ug/ml
14) T n-Tetracosane (C24)	15.226	2734368	17.386 ug/ml
15) T n-Hexacosane (C26)	16.250	2714103	17.523 ug/ml
16) T n-Octacosane (C28)	17.203	2721190	17.790 ug/ml
17) T n-Tricontane (C30)	18.092	2835757	18.167 ug/ml
18) T n-Dotriacontane (C32)	18.927	2787616	18.217 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2594706	18.239 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2331096	18.703 ug/ml
21) T n-Octatriacontane (C38)	21.197	2235345	20.451 ug/ml
22) T n-Tetracontane (C40)	22.121	2337769	23.241 ug/ml

(f)=RT Delta > 1/2 Window

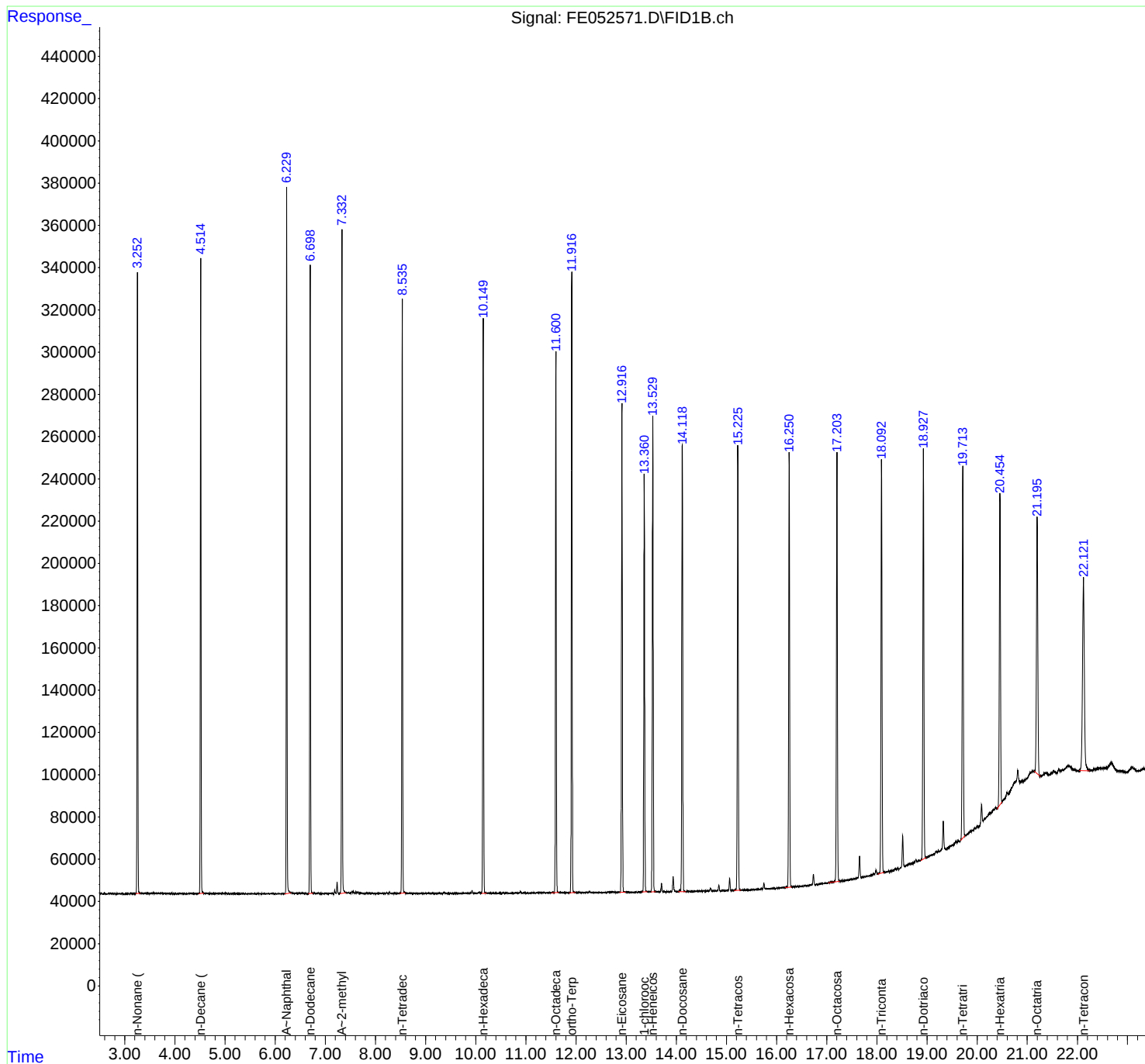
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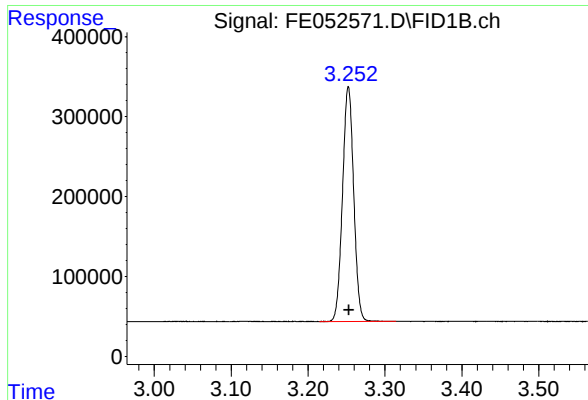
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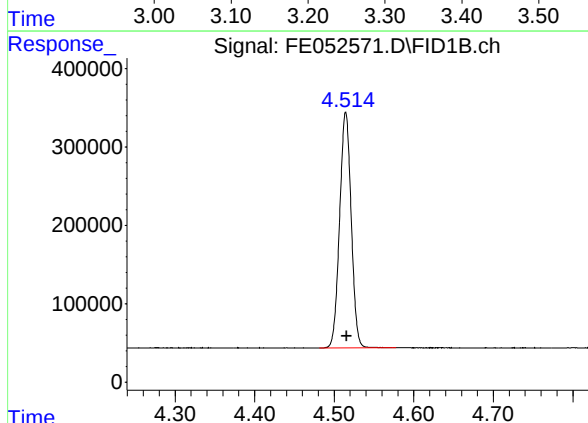




#1 n-Nonane (C9)

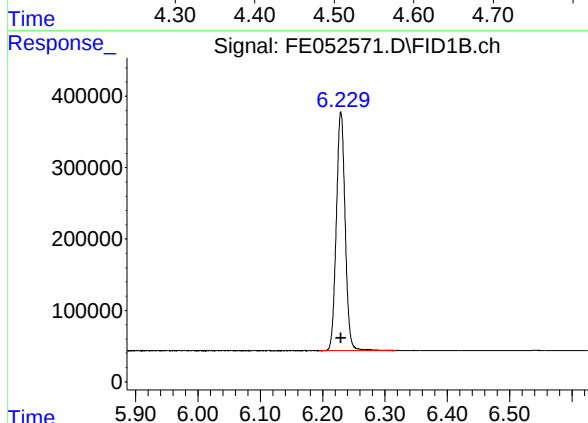
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 2953803
Conc: 19.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



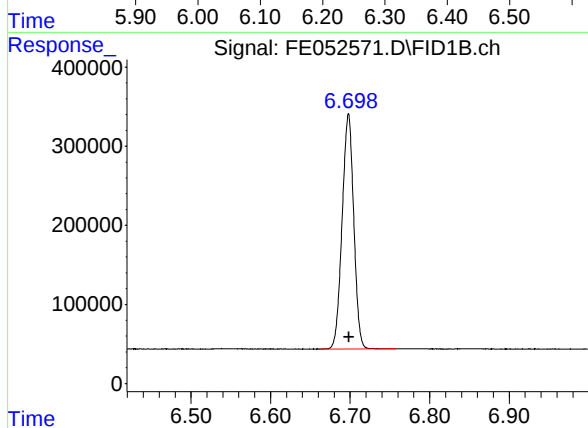
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3037487
Conc: 19.45 ug/ml



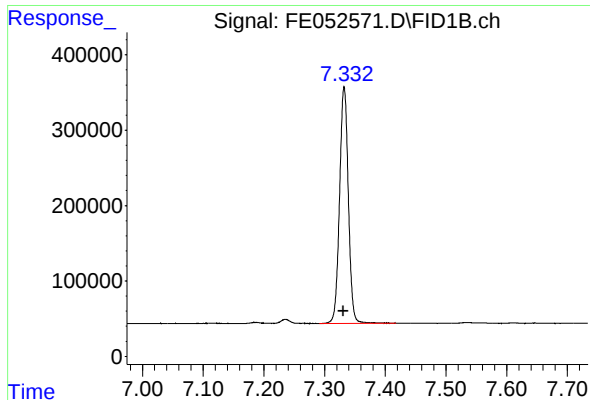
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 3292129
Conc: 19.06 ug/ml



#4 n-Dodecane (C12)

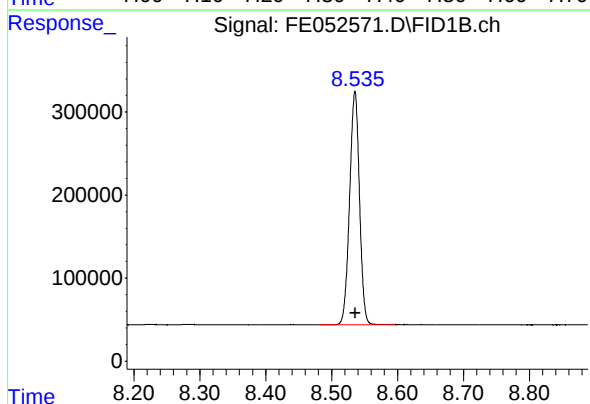
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 3014183
Conc: 19.10 ug/ml



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

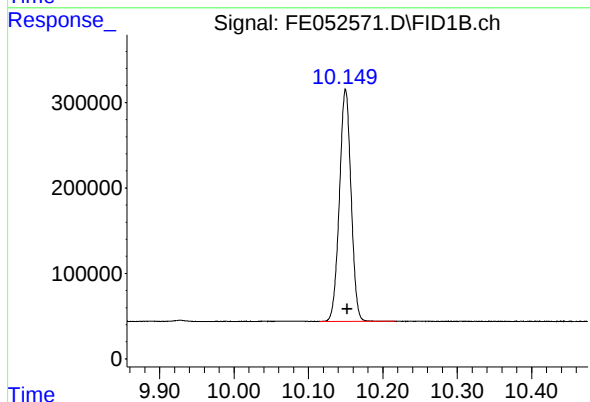
R.T.: 7.332 min
Delta R.T.: 0.001 min
Response: 3155323
Conc: 18.79 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



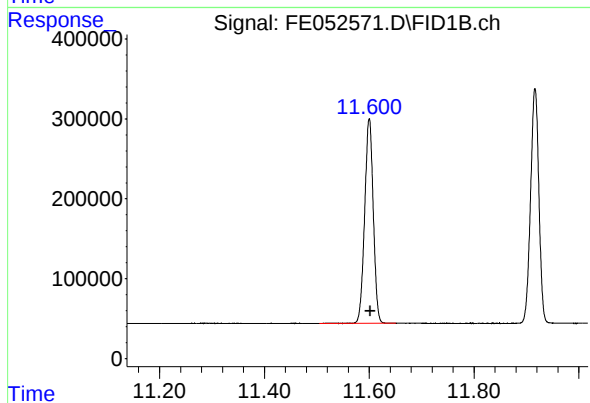
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 2924740
Conc: 18.57 ug/ml



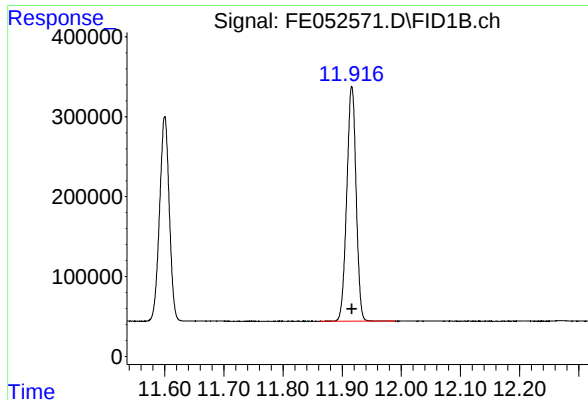
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.002 min
Response: 2950796
Conc: 18.05 ug/ml



#8 n-Octadecane (C18)

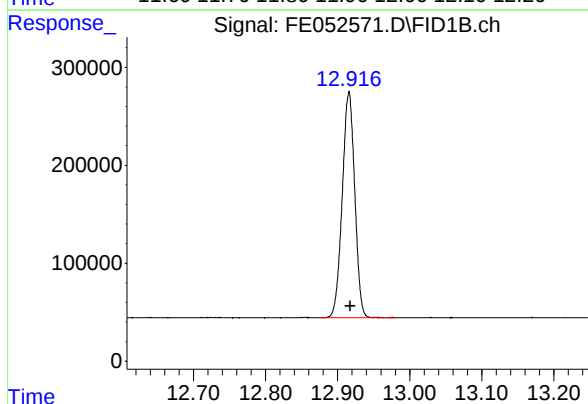
R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 2919680
Conc: 17.65 ug/ml



#9 ortho-Terphenyl (SURR)

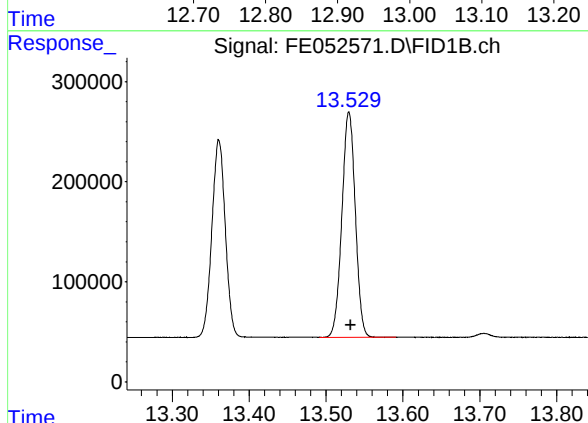
R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 3228395
Conc: 17.27 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



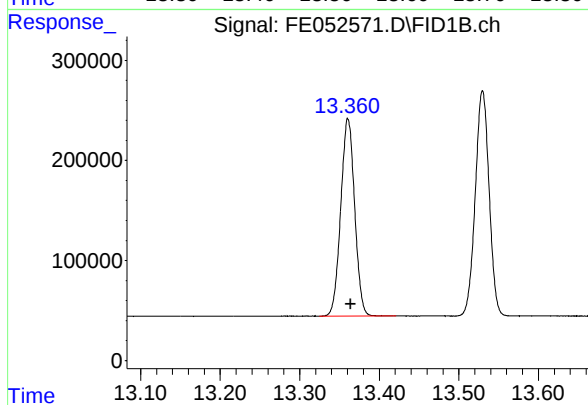
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.002 min
Response: 2778143
Conc: 17.43 ug/ml



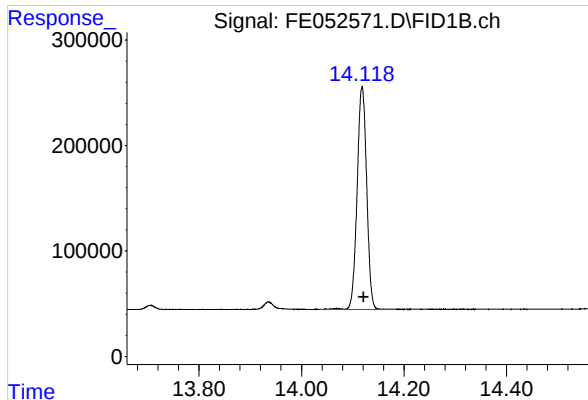
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.002 min
Response: 2724527
Conc: 17.39 ug/ml



#12 1-chlorooctadecane (SURR)

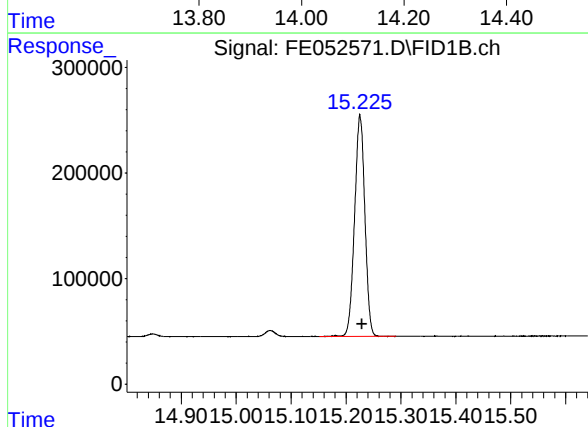
R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 2398649
Conc: 17.26 ug/ml



#13 n-Docosane (C22)

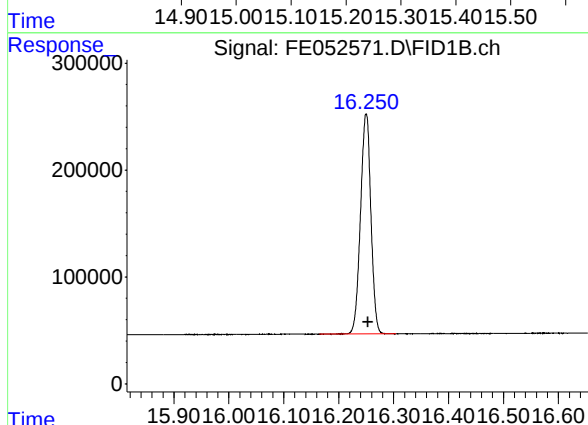
R.T.: 14.118 min
Delta R.T.: -0.003 min
Response: 2729829
Conc: 17.44 ug/ml

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20 PPM ALIPHATIC HC STD



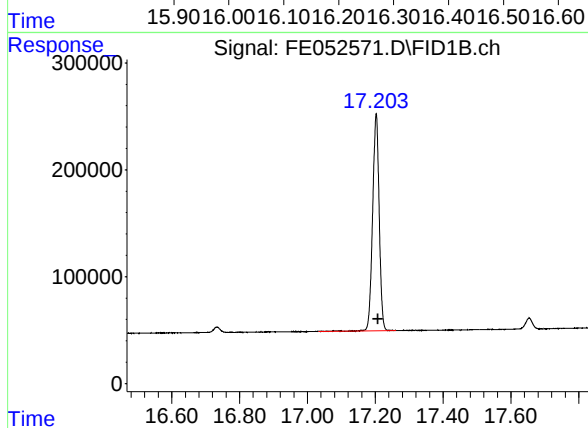
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.004 min
Response: 2734368
Conc: 17.39 ug/ml



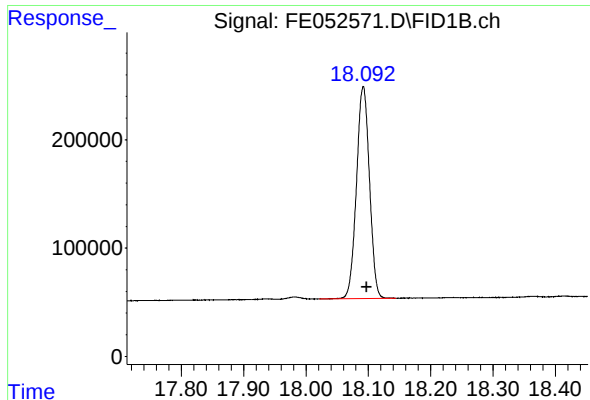
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.004 min
Response: 2714103
Conc: 17.52 ug/ml



#16 n-Octacosane (C28)

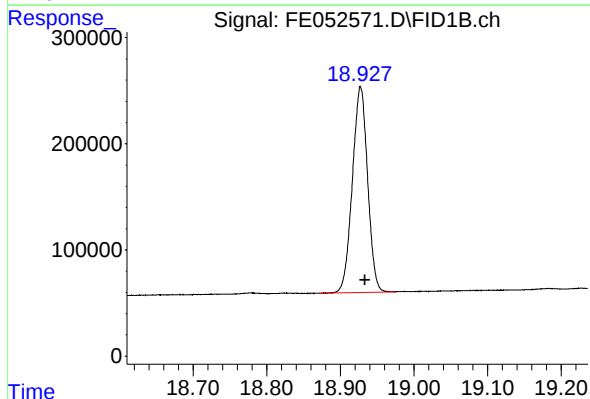
R.T.: 17.203 min
Delta R.T.: -0.005 min
Response: 2721190
Conc: 17.79 ug/ml



#17 n-Tricontane (C30)

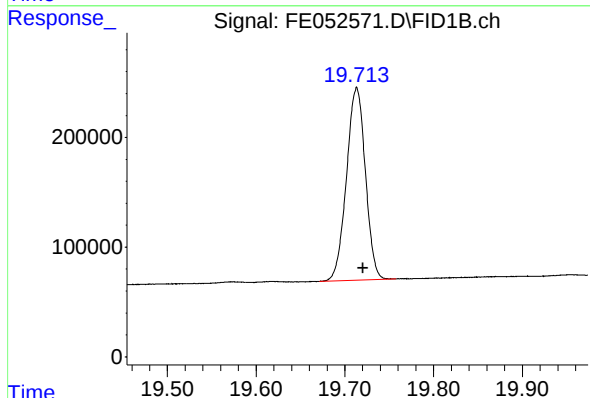
R.T.: 18.092 min
Delta R.T.: -0.006 min
Response: 2835757
Conc: 18.17 ug/ml

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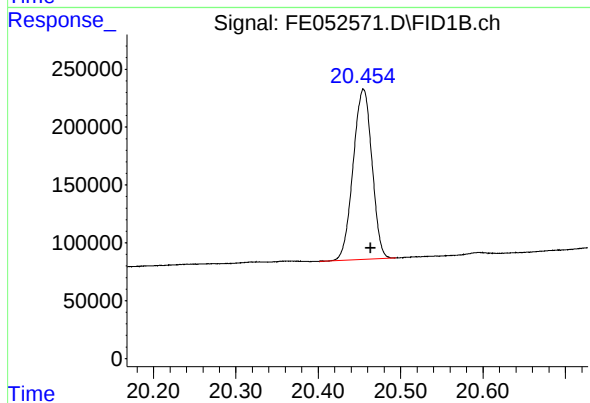
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.006 min
Response: 2787616
Conc: 18.22 ug/ml



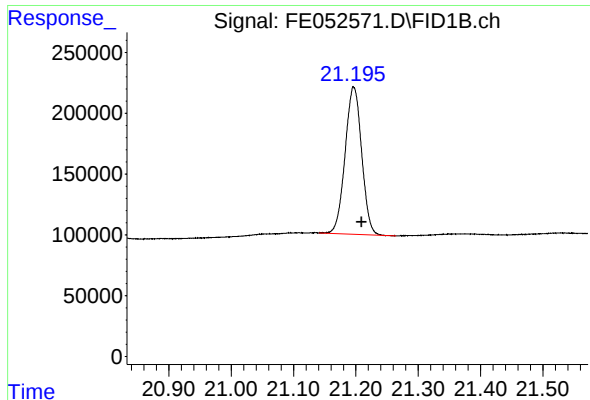
#19 n-Tetatriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.007 min
Response: 2594706
Conc: 18.24 ug/ml



#20 n-Hexatriacontane (C36)

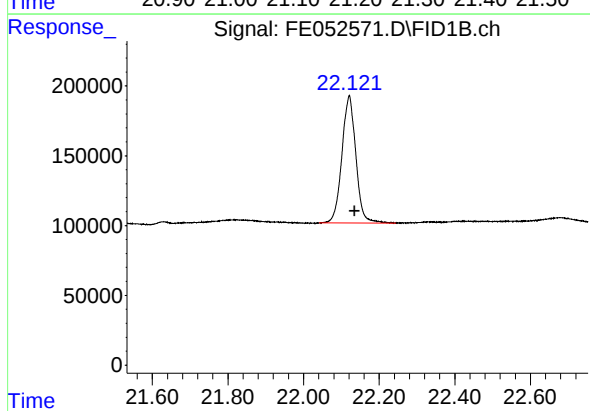
R.T.: 20.455 min
Delta R.T.: -0.009 min
Response: 2331096
Conc: 18.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.013 min
Response: 2235345
Conc: 20.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.015 min
Response: 2337769
Conc: 23.24 ug/ml