

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121924AL\
 Data File : FE051711.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2024 13:31
 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: Dec 20 04:26:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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)	12.013	3227829	20.106 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.434	2485170	19.700 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T n-Nonane (C9)	3.481	2455468	20.493 ug/ml
2) T n-Decane (C10)	4.715	2549918	20.509 ug/ml
3) T A~Naphthalene (C11.7)	6.402	2924926	20.526 ug/ml
4) T n-Dodecane (C12)	6.852	2667271	20.499 ug/ml
5) T A~2-methylnaphthalene...	7.485	2884202	20.380 ug/ml
6) T n-Tetradecane (C14)	8.663	2731352	20.371 ug/ml
7) T n-Hexadecane (C16)	10.258	2891290	20.231 ug/ml
8) T n-Octadecane (C18)	11.691	2977900	20.201 ug/ml
10) T n-Eicosane (C20)	12.992	2881989	20.032 ug/ml
11) T n-Heneicosane (C21)	13.600	2830022	19.915 ug/ml
13) T n-Docosane (C22)	14.181	2814777	19.965 ug/ml
14) T n-Tetracosane (C24)	15.276	2796631	20.044 ug/ml
15) T n-Hexacosane (C26)	16.289	2706139	20.085 ug/ml
16) T n-Octacosane (C28)	17.231	2629828	20.216 ug/ml
17) T n-Tricontane (C30)	18.112	2642122	19.964 ug/ml
18) T n-Dotriacontane (C32)	18.939	2529862	20.180 ug/ml
19) T n-Tetratriacontane (C34)	19.716	2204754	20.039 ug/ml
20) T n-Hexatriacontane (C36)	20.449	1908682	19.880 ug/ml
21) T n-Octatriacontane (C38)	21.186	1848965	20.534 ug/ml
22) T n-Tetracontane (C40)	22.109	1839194	18.843 ug/ml

(f)=RT Delta > 1/2 Window

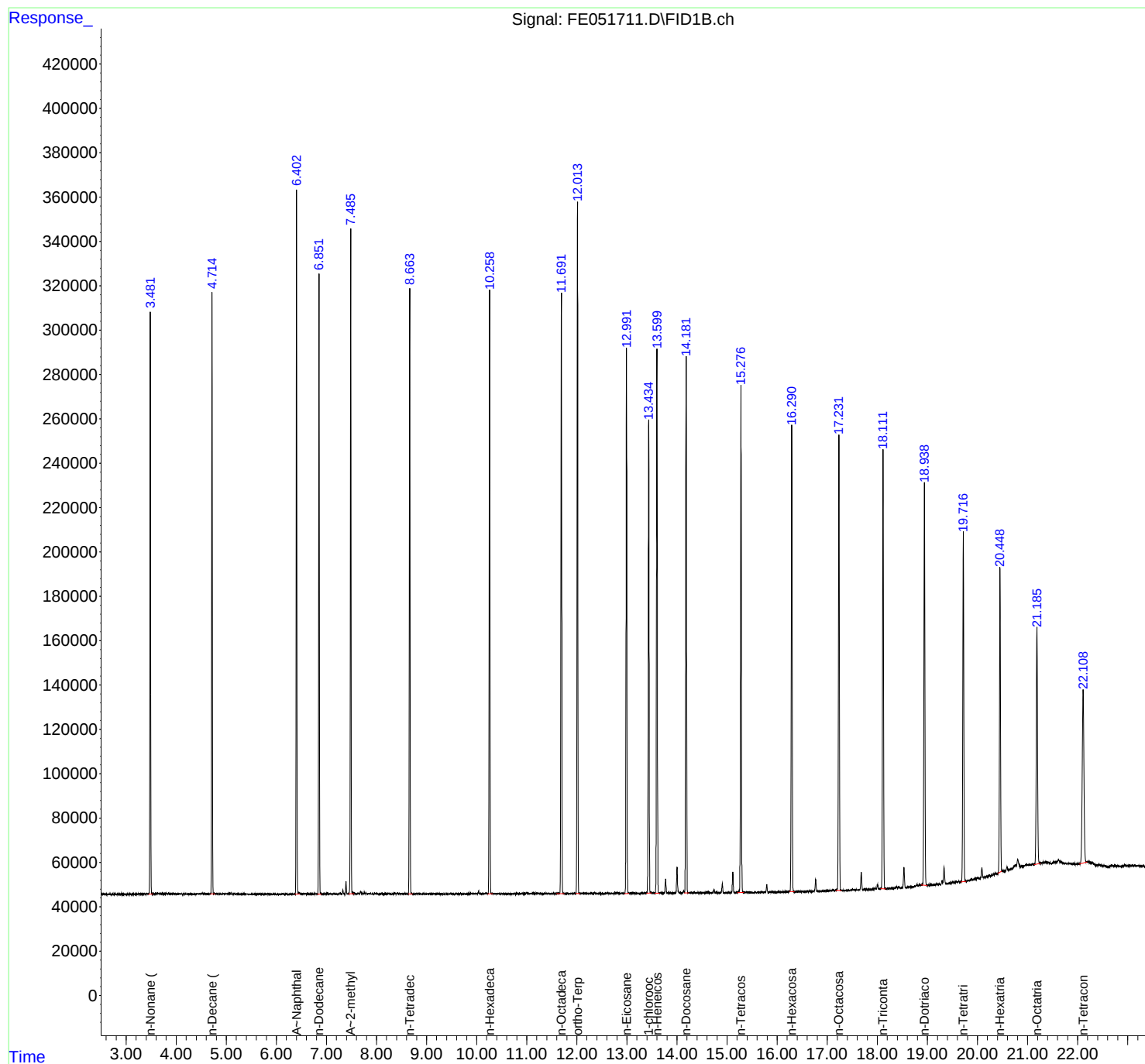
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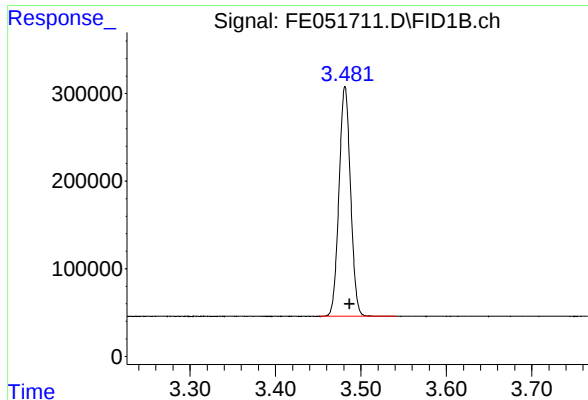
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121924AL\
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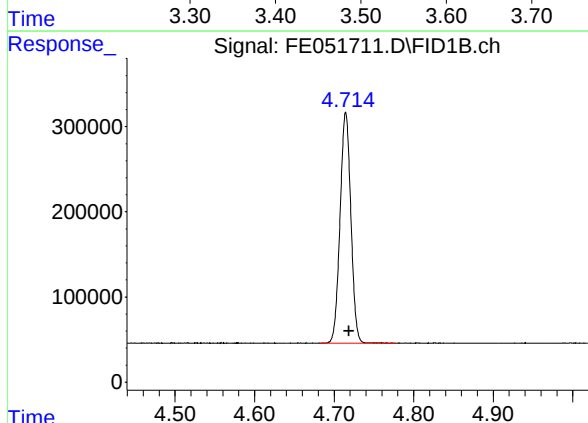




#1 n-Nonane (C9)

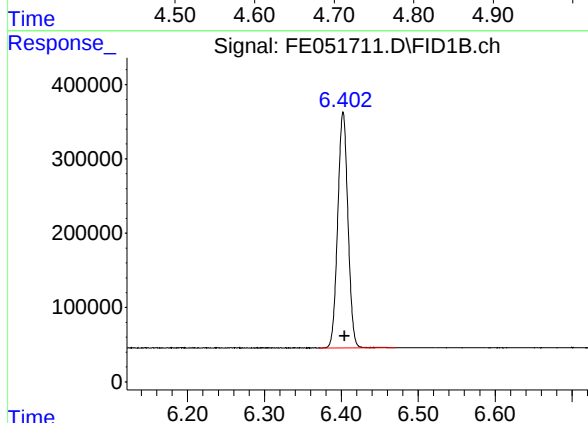
R.T.: 3.481 min
Delta R.T.: -0.006 min
Response: 2455468
Conc: 20.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



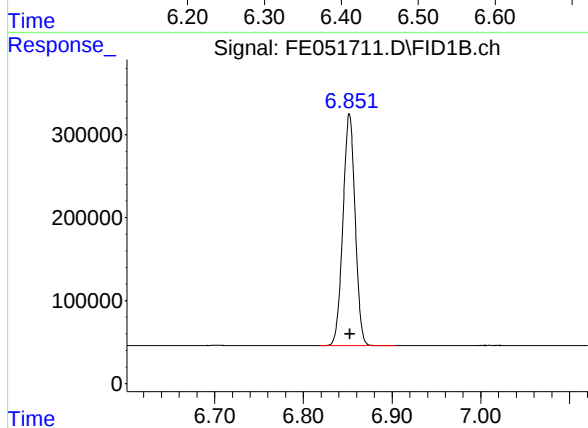
#2 n-Decane (C10)

R.T.: 4.715 min
Delta R.T.: -0.004 min
Response: 2549918
Conc: 20.51 ug/ml



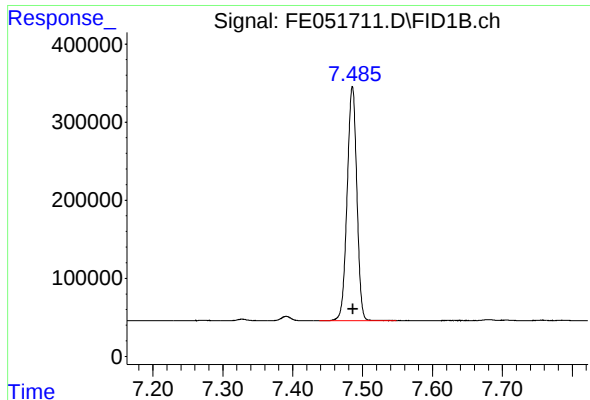
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 2924926
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

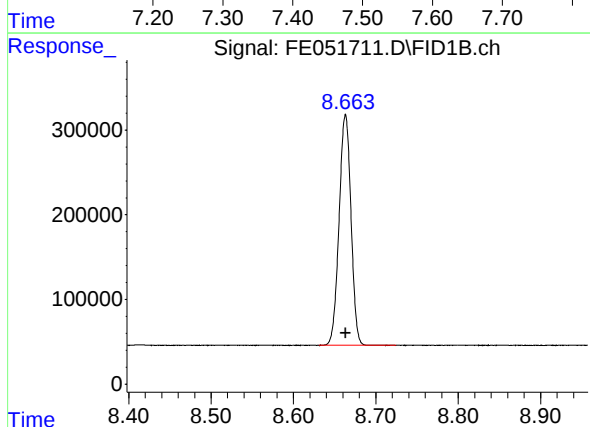
R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 2667271
Conc: 20.50 ug/ml



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

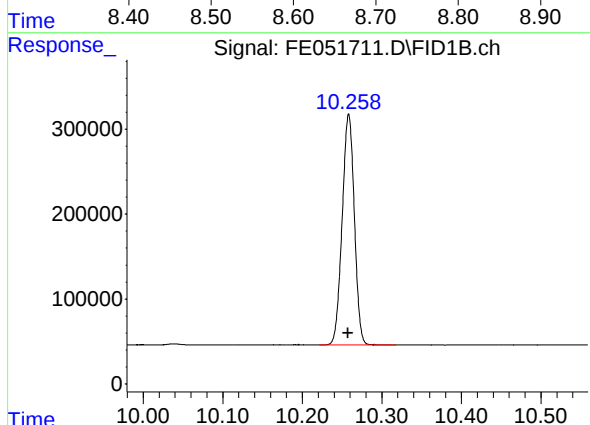
R.T.: 7.485 min
Delta R.T.: -0.001 min
Response: 2884202
Conc: 20.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



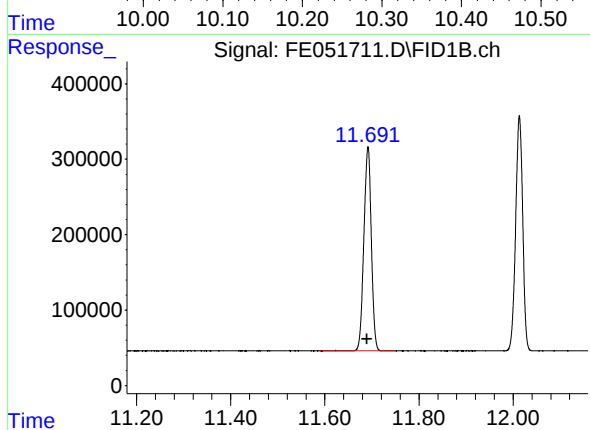
#6 n-Tetradecane (C14)

R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 2731352
Conc: 20.37 ug/ml



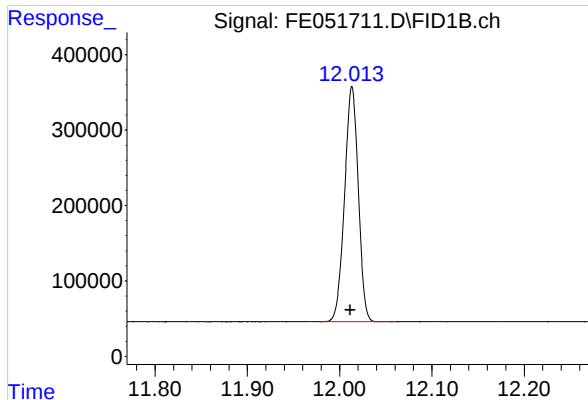
#7 n-Hexadecane (C16)

R.T.: 10.258 min
Delta R.T.: 0.000 min
Response: 2891290
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

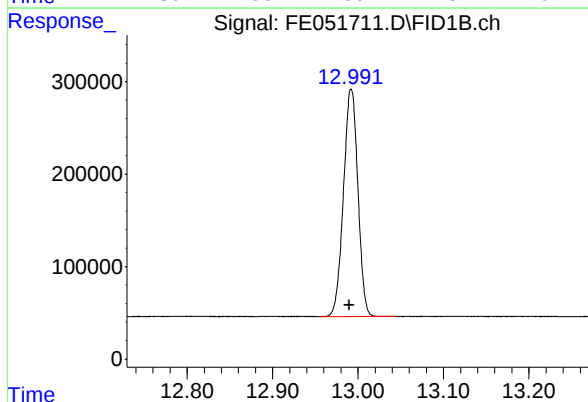
R.T.: 11.691 min
Delta R.T.: 0.002 min
Response: 2977900
Conc: 20.20 ug/ml



#9 ortho-Terphenyl (SURR)

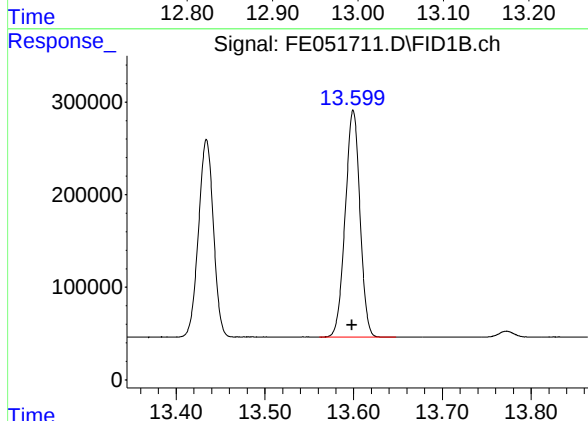
R.T.: 12.013 min
Delta R.T.: 0.002 min
Response: 3227829
Conc: 20.11 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



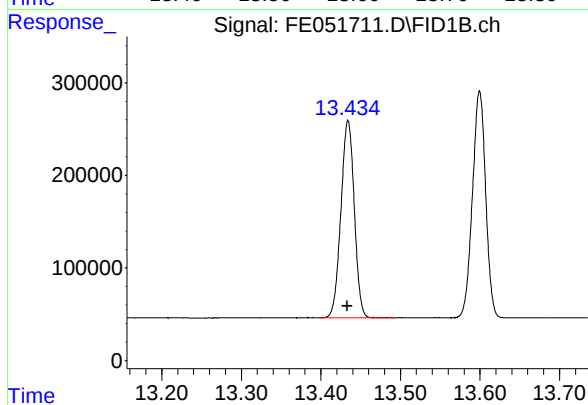
#10 n-Eicosane (C20)

R.T.: 12.992 min
Delta R.T.: 0.002 min
Response: 2881989
Conc: 20.03 ug/ml



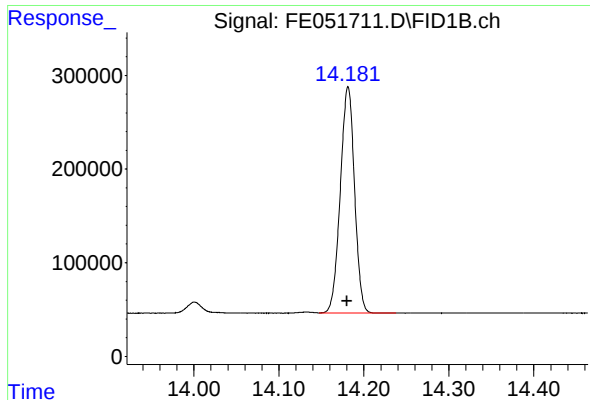
#11 n-Heneicosane (C21)

R.T.: 13.600 min
Delta R.T.: 0.001 min
Response: 2830022
Conc: 19.91 ug/ml



#12 1-chlorooctadecane (SURR)

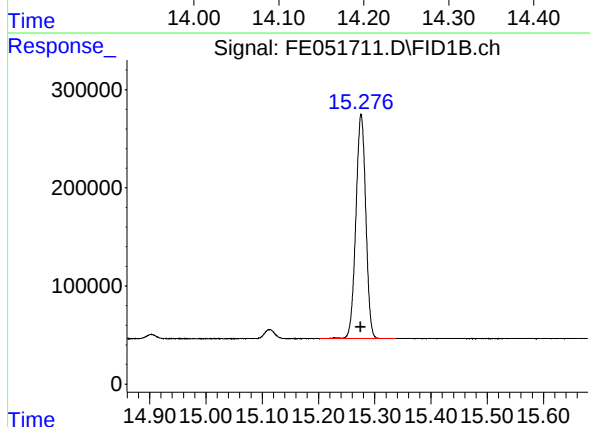
R.T.: 13.434 min
Delta R.T.: 0.001 min
Response: 2485170
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

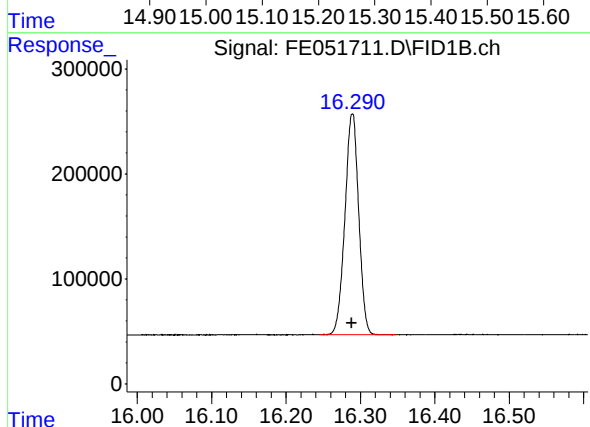
R.T.: 14.181 min
Delta R.T.: 0.001 min
Response: 2814777
Conc: 19.97 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



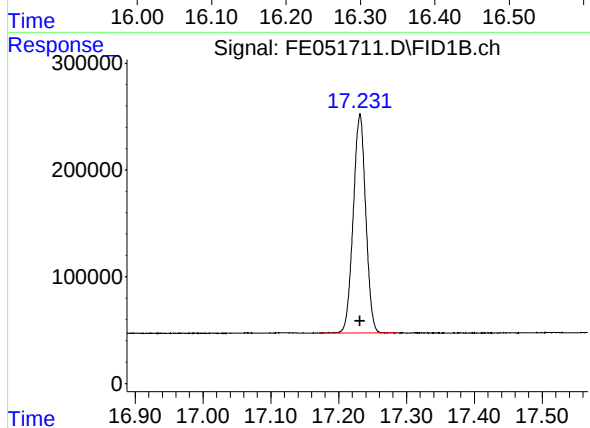
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: 0.001 min
Response: 2796631
Conc: 20.04 ug/ml



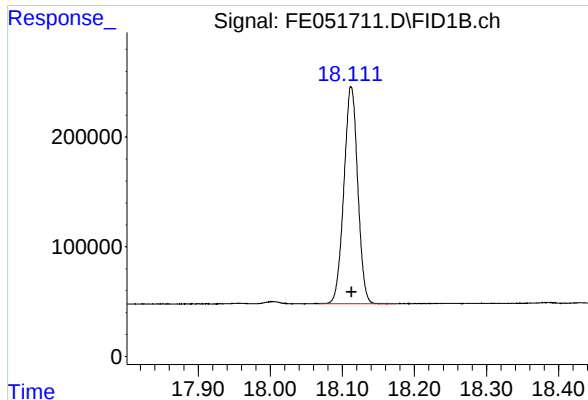
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.000 min
Response: 2706139
Conc: 20.08 ug/ml



#16 n-Octacosane (C28)

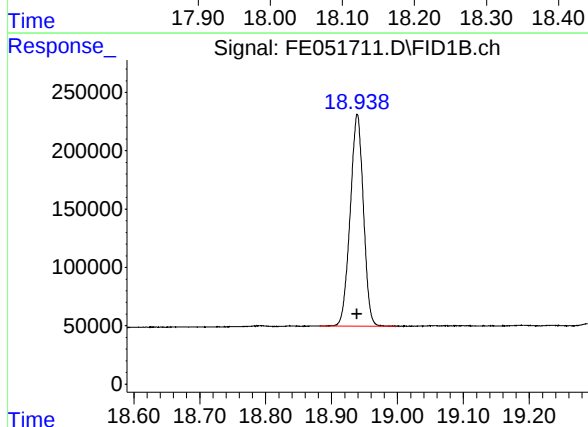
R.T.: 17.231 min
Delta R.T.: 0.000 min
Response: 2629828
Conc: 20.22 ug/ml



#17 n-Tricontane (C30)

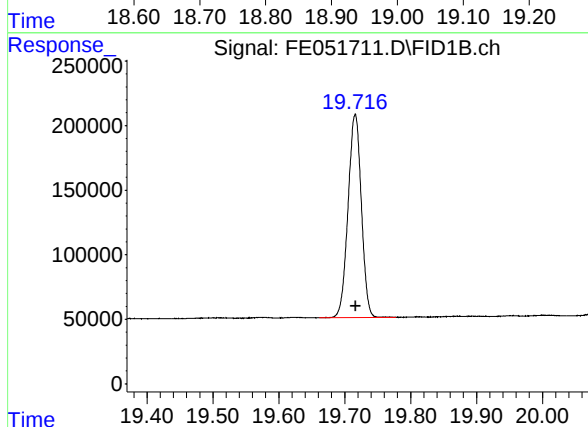
R.T.: 18.112 min
Delta R.T.: 0.000 min
Response: 2642122
Conc: 19.96 ug/ml

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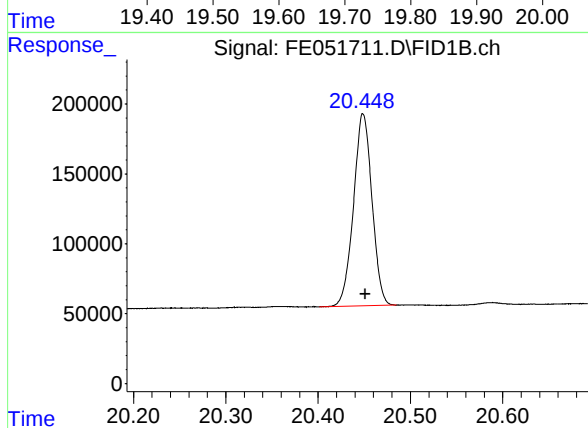
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.000 min
Response: 2529862
Conc: 20.18 ug/ml



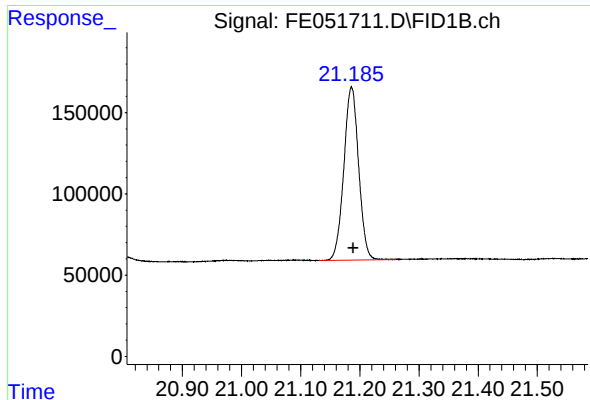
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.000 min
Response: 2204754
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

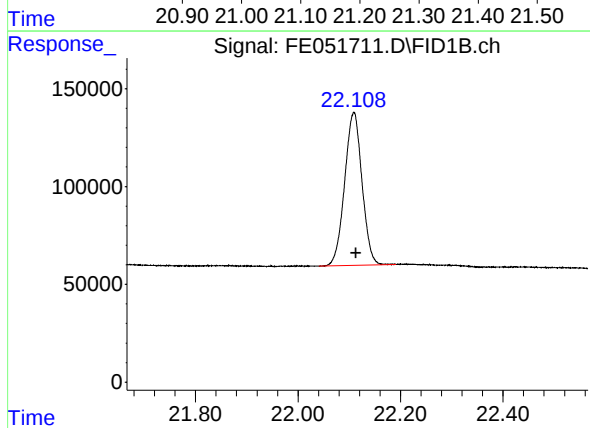
R.T.: 20.449 min
Delta R.T.: -0.002 min
Response: 1908682
Conc: 19.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.003 min
Response: 1848965
Conc: 20.53 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: -0.004 min
Response: 1839194
Conc: 18.84 ug/ml