

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100624AL\
 Data File : FC067355.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2024 07:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 05 02:49:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.498	2952988	19.407 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
12) S 1-chlorooctadecane (S...	12.937	2192189	19.367 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T n-Nonane (C9)	3.276	2569956	20.274 ug/ml
2) T n-Decane (C10)	4.341	2640612	20.543 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2902070	20.458 ug/ml
4) T n-Dodecane (C12)	6.356	2638115	20.330 ug/ml
5) T A~2-methylnaphthalene...	6.973	2793199	20.360 ug/ml
6) T n-Tetradecane (C14)	8.149	2590611	20.114 ug/ml
7) T n-Hexadecane (C16)	9.747	2638390	19.820 ug/ml
8) T n-Octadecane (C18)	11.187	2654741	19.577 ug/ml
10) T n-Eicosane (C20)	12.493	2539331	19.448 ug/ml
11) T n-Heneicosane (C21)	13.104	2489934	19.414 ug/ml
13) T n-Docosane (C22)	13.689	2481215	19.432 ug/ml
14) T n-Tetracosane (C24)	14.790	2471147	19.322 ug/ml
15) T n-Hexacosane (C26)	15.811	2435926	19.320 ug/ml
16) T n-Octacosane (C28)	16.759	2468958	19.653 ug/ml
17) T n-Tricontane (C30)	17.645	2643130	20.517 ug/ml
18) T n-Dotriacontane (C32)	18.476	2626125	21.021 ug/ml
19) T n-Tetratriacontane (C34)	19.257	2279241	20.857 ug/ml
20) T n-Hexatriacontane (C36)	19.996	1907627	20.183 ug/ml
21) T n-Octatriacontane (C38)	20.720	1768290	20.163 ug/ml
22) T n-Tetracontane (C40)	21.602	1760650	20.461 ug/ml

(f)=RT Delta > 1/2 Window

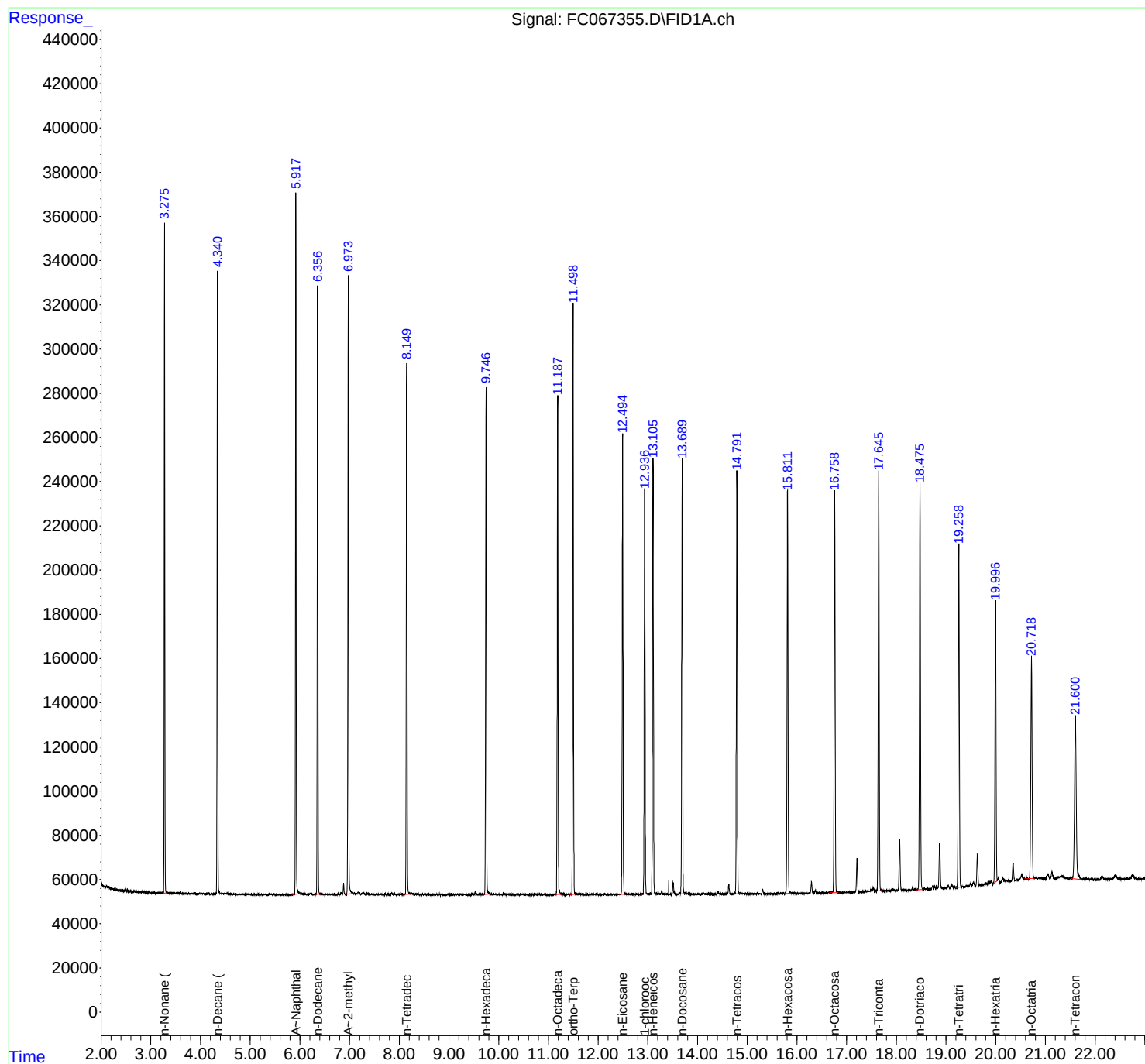
(m)=manual int.

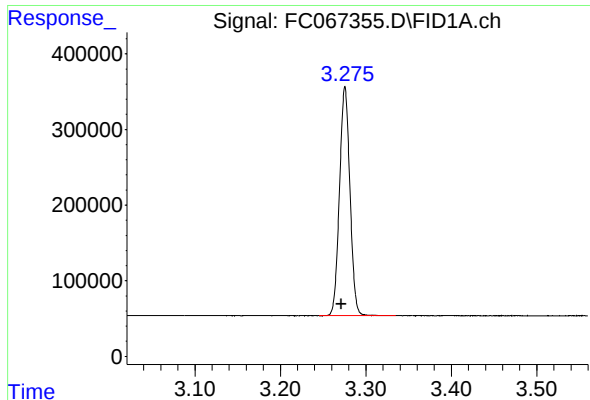
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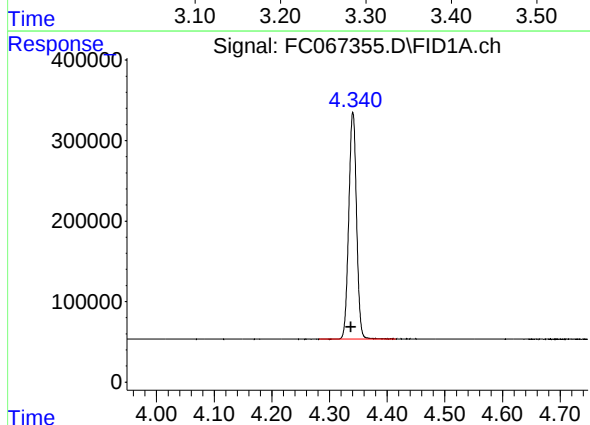




#1 n-Nonane (C9)

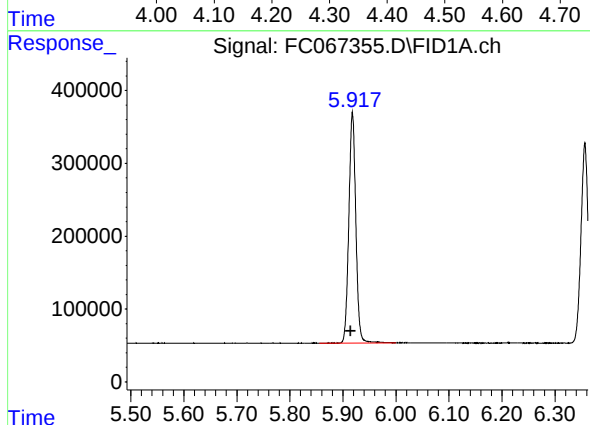
R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 2569956
Conc: 20.27 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



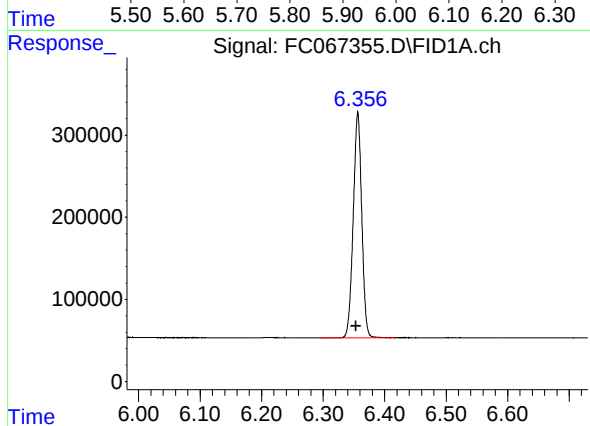
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.003 min
Response: 2640612
Conc: 20.54 ug/ml



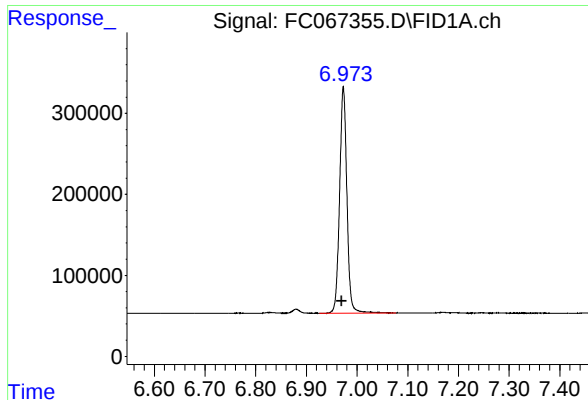
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 2902070
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

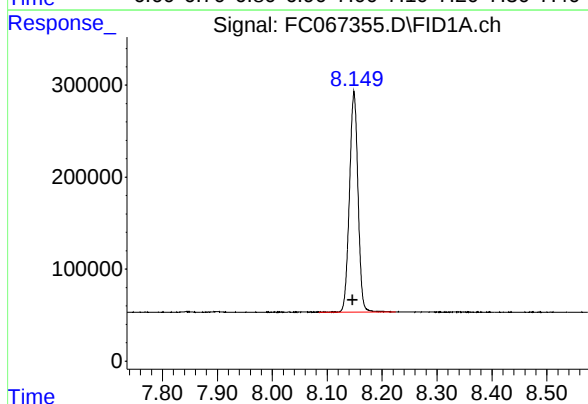
R.T.: 6.356 min
Delta R.T.: 0.003 min
Response: 2638115
Conc: 20.33 ug/ml



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

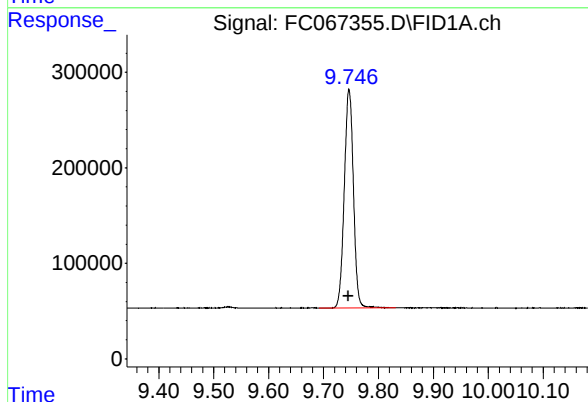
R.T.: 6.973 min
Delta R.T.: 0.003 min
Response: 2793199
Conc: 20.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



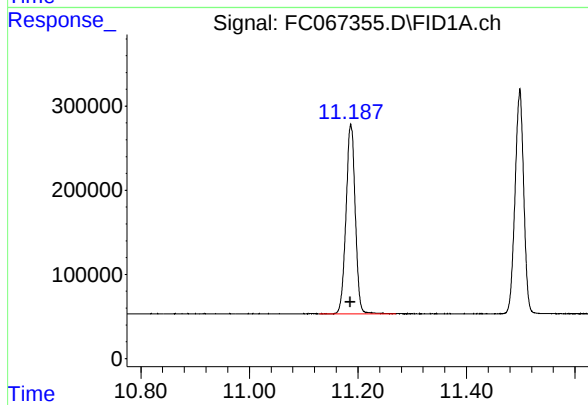
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.002 min
Response: 2590611
Conc: 20.11 ug/ml



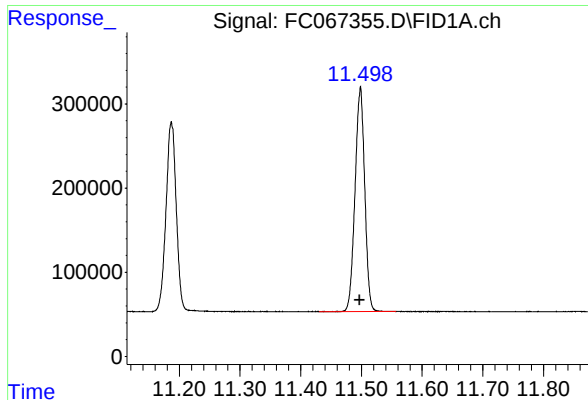
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.002 min
Response: 2638390
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

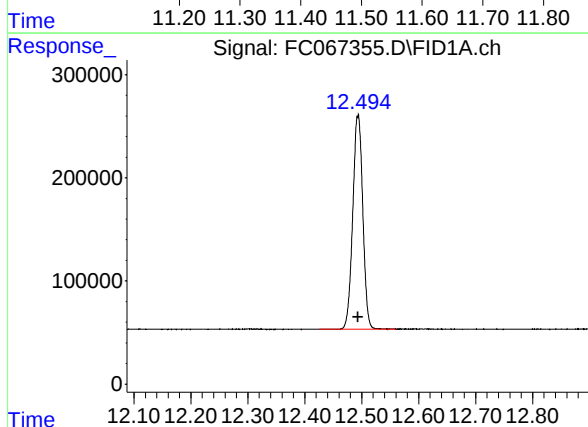
R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 2654741
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURR)

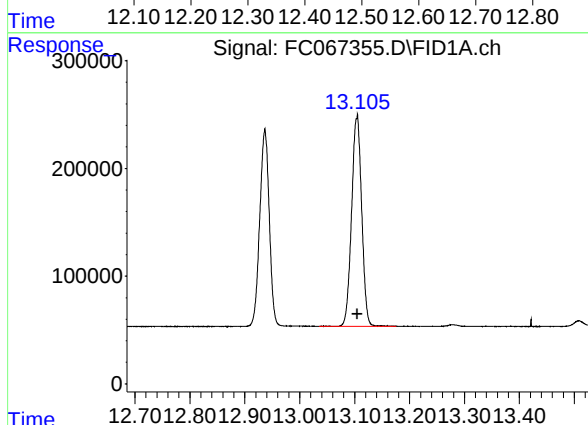
R.T.: 11.498 min
Delta R.T.: 0.001 min
Response: 2952988
Conc: 19.41 ug/ml

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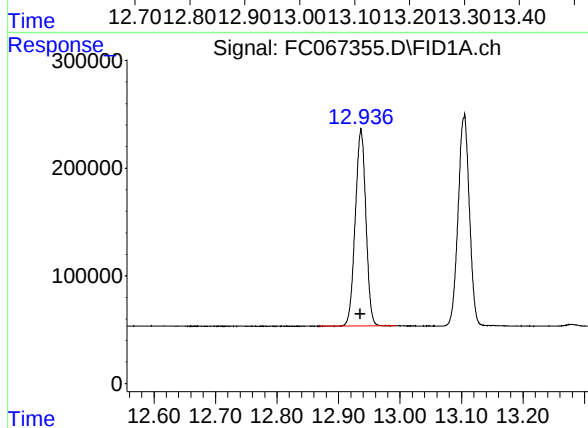
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 2539331
Conc: 19.45 ug/ml



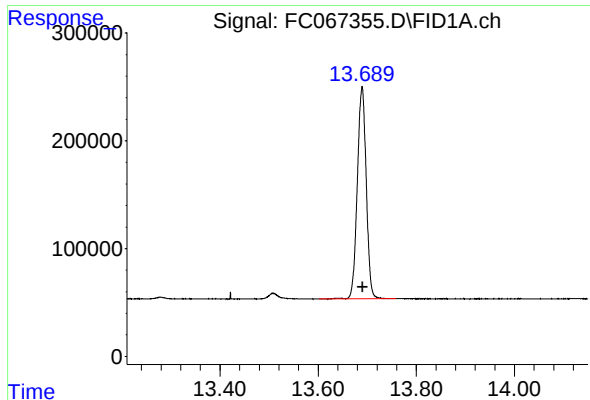
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 2489934
Conc: 19.41 ug/ml



#12 1-chlorooctadecane (SURR)

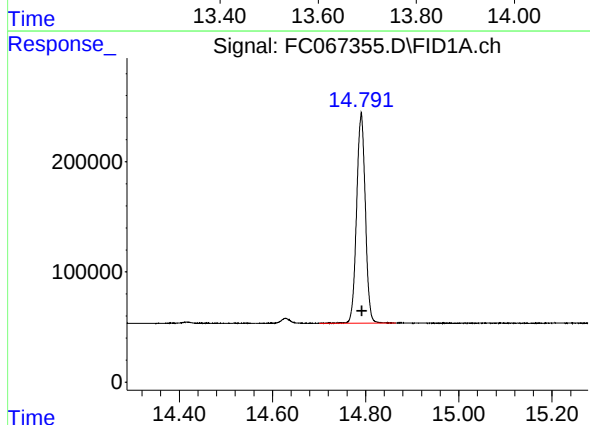
R.T.: 12.937 min
Delta R.T.: 0.000 min
Response: 2192189
Conc: 19.37 ug/ml



#13 n-Docosane (C22)

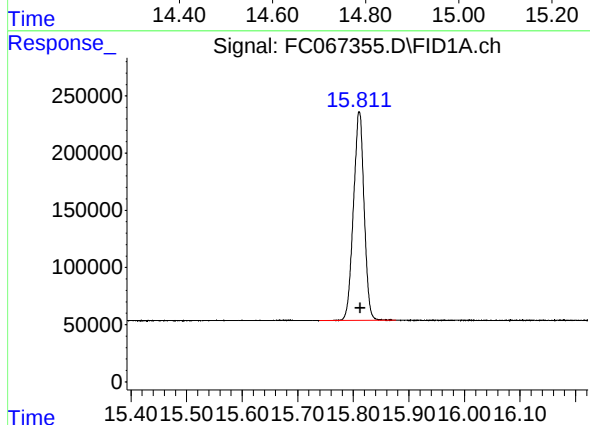
R.T.: 13.689 min
Delta R.T.: -0.001 min
Response: 2481215
Conc: 19.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



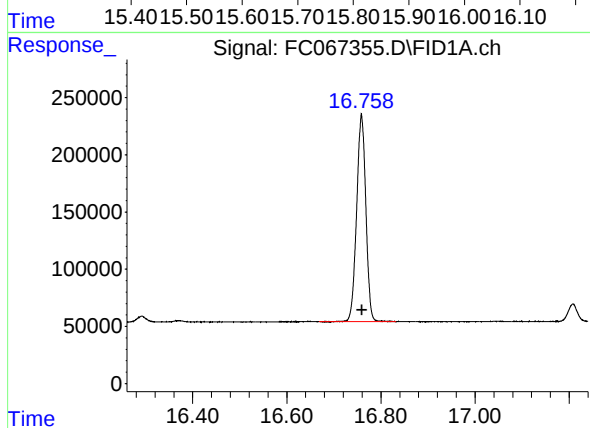
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: -0.001 min
Response: 2471147
Conc: 19.32 ug/ml



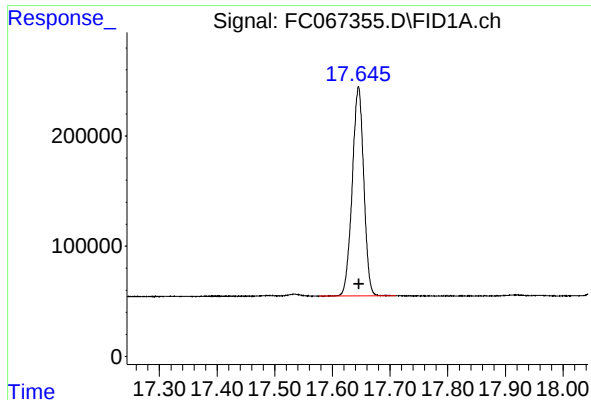
#15 n-Hexacosane (C26)

R.T.: 15.811 min
Delta R.T.: -0.002 min
Response: 2435926
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

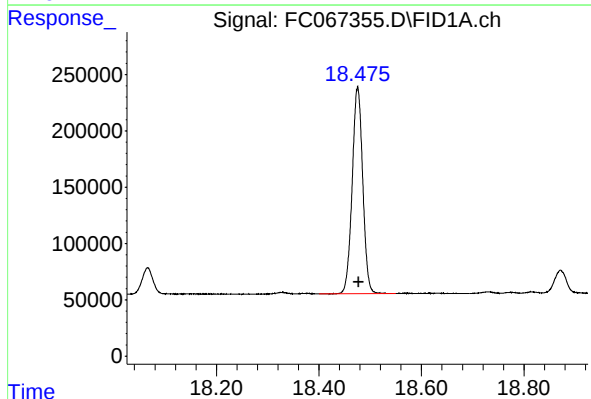
R.T.: 16.759 min
Delta R.T.: 0.000 min
Response: 2468958
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

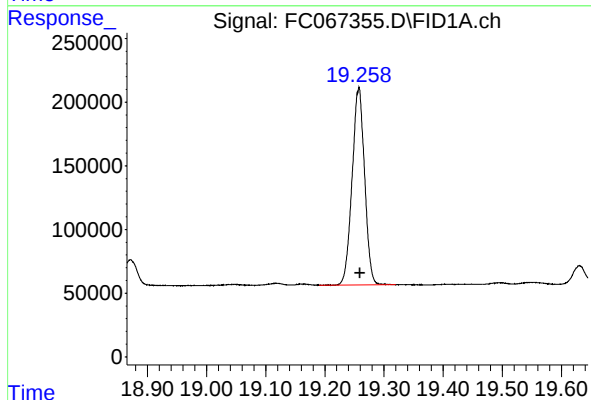
R.T.: 17.645 min
Delta R.T.: 0.000 min
Response: 2643130
Conc: 20.52 ug/ml

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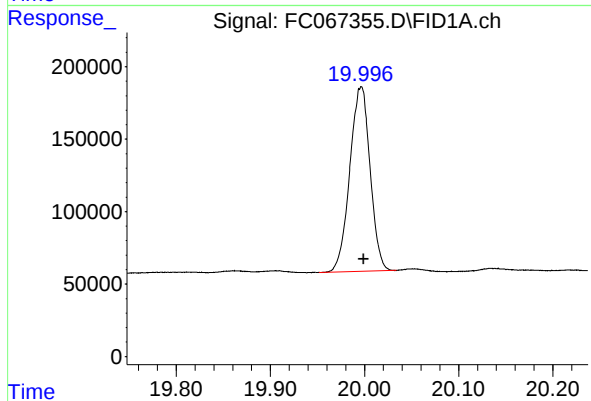
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: -0.002 min
Response: 2626125
Conc: 21.02 ug/ml



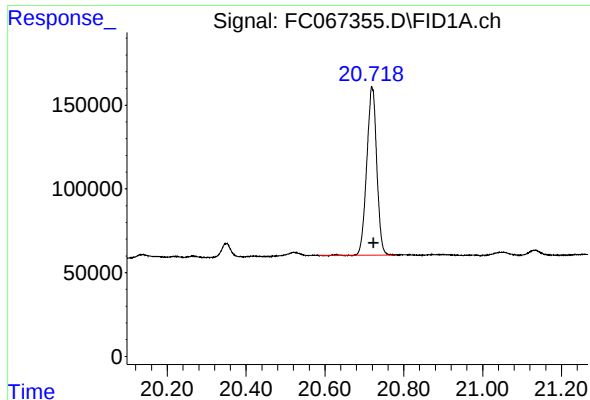
#19 n-Tetatriacontane (C34)

R.T.: 19.257 min
Delta R.T.: -0.002 min
Response: 2279241
Conc: 20.86 ug/ml



#20 n-Hexatriacontane (C36)

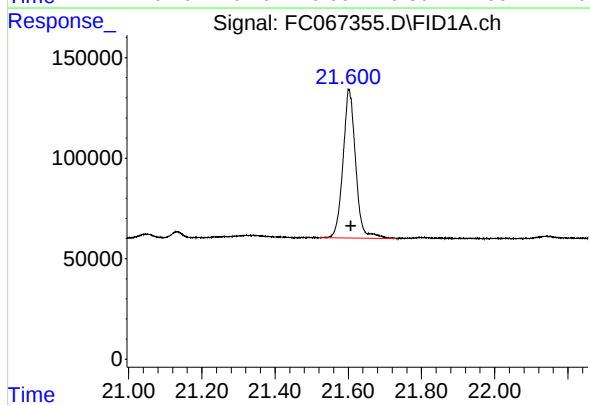
R.T.: 19.996 min
Delta R.T.: -0.003 min
Response: 1907627
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: -0.003 min
Response: 1768290
Conc: 20.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: -0.005 min
Response: 1760650
Conc: 20.46 ug/ml