

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080624AL\
 Data File : FC066935.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2024 07:32
 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: Aug 07 03:41:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.515	2843560	18.470 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
12) S 1-chlorooctadecane (S...	12.954	2123419	18.990 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T n-Nonane (C9)	3.282	2638906	18.598 ug/ml
2) T n-Decane (C10)	4.348	2779152	18.800 ug/ml
3) T A~Naphthalene (C11.7)	5.929	2971556	18.608 ug/ml
4) T n-Dodecane (C12)	6.366	2792936	18.630 ug/ml
5) T A~2-methylnaphthalene...	6.985	2844563	18.555 ug/ml
6) T n-Tetradecane (C14)	8.161	2701514	18.464 ug/ml
7) T n-Hexadecane (C16)	9.761	2743152	18.328 ug/ml
8) T n-Octadecane (C18)	11.202	2716582	18.306 ug/ml
10) T n-Eicosane (C20)	12.511	2561031	18.374 ug/ml
11) T n-Heneicosane (C21)	13.122	2492043	18.296 ug/ml
13) T n-Docosane (C22)	13.708	2483491	18.489 ug/ml
14) T n-Tetracosane (C24)	14.811	2448569	18.409 ug/ml
15) T n-Hexacosane (C26)	15.830	2407453	18.502 ug/ml
16) T n-Octacosane (C28)	16.780	2407836	19.087 ug/ml
17) T n-Tricontane (C30)	17.667	2536852	19.728 ug/ml
18) T n-Dotriacontane (C32)	18.499	2551028	20.263 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2427243	19.620 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2277284	19.577 ug/ml
21) T n-Octatriacontane (C38)	20.749	2267710	20.410 ug/ml
22) T n-Tetracontane (C40)	21.645	2082615	19.157 ug/ml

(f)=RT Delta > 1/2 Window

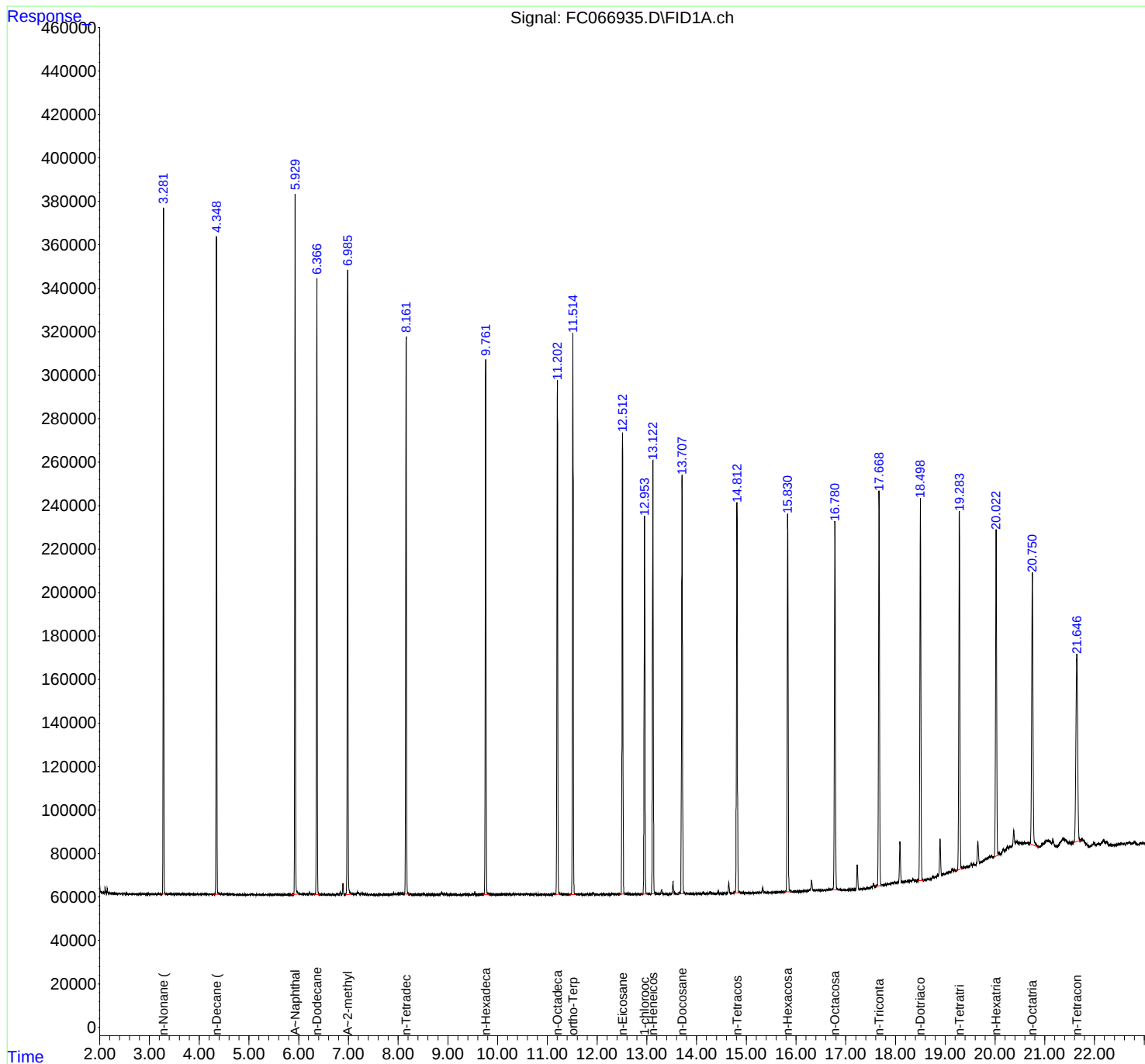
(m)=manual int.

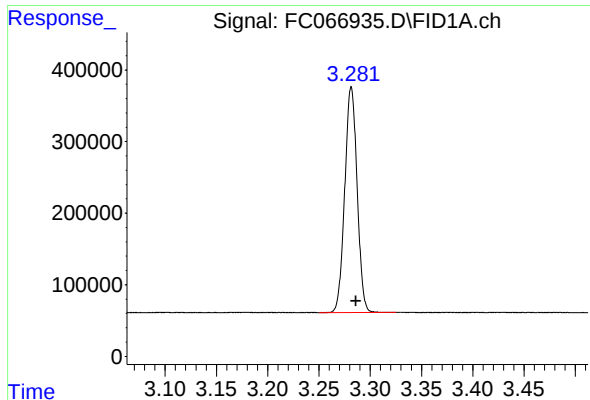
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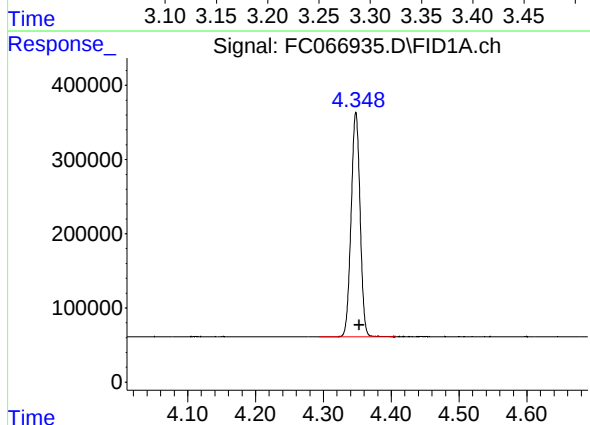




#1 n-Nonane (C9)

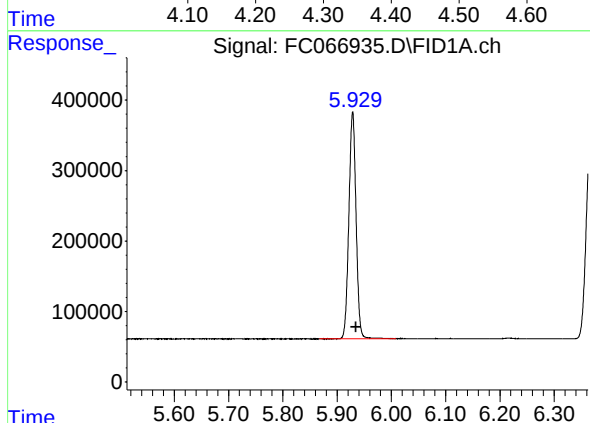
R.T.: 3.282 min
Delta R.T.: -0.004 min
Response: 2638906
Conc: 18.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



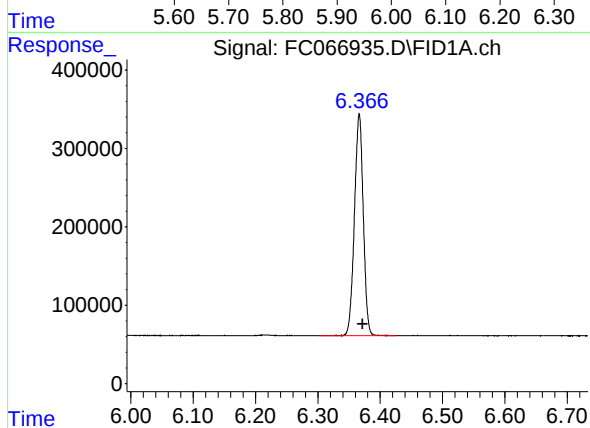
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.005 min
Response: 2779152
Conc: 18.80 ug/ml



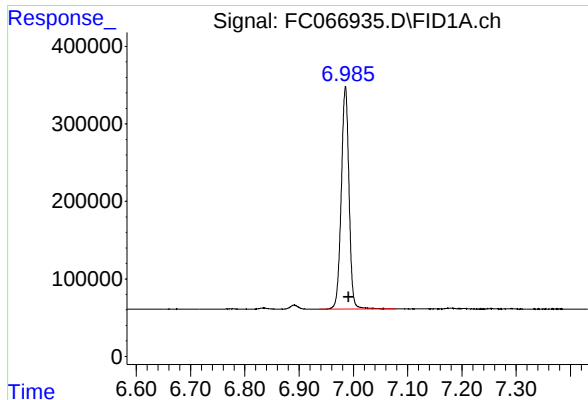
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.006 min
Response: 2971556
Conc: 18.61 ug/ml



#4 n-Dodecane (C12)

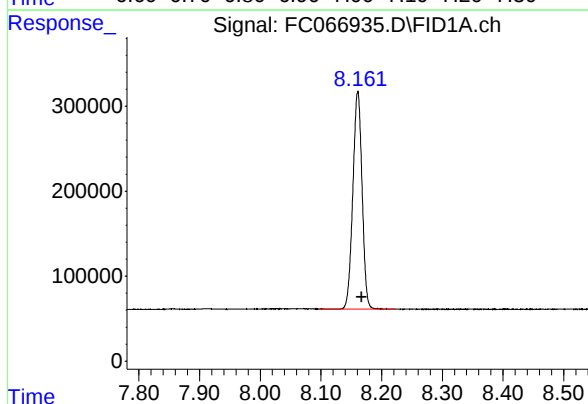
R.T.: 6.366 min
Delta R.T.: -0.006 min
Response: 2792936
Conc: 18.63 ug/ml



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

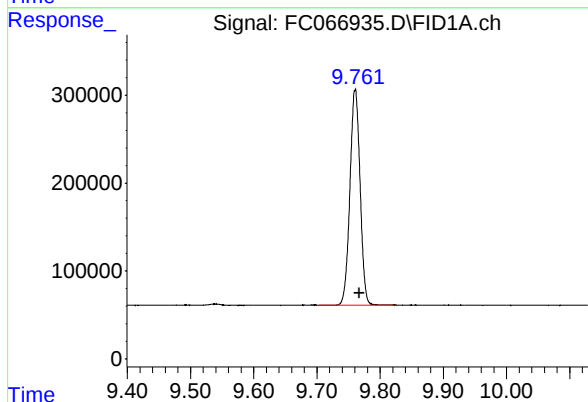
R.T.: 6.985 min
Delta R.T.: -0.006 min
Response: 2844563
Conc: 18.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



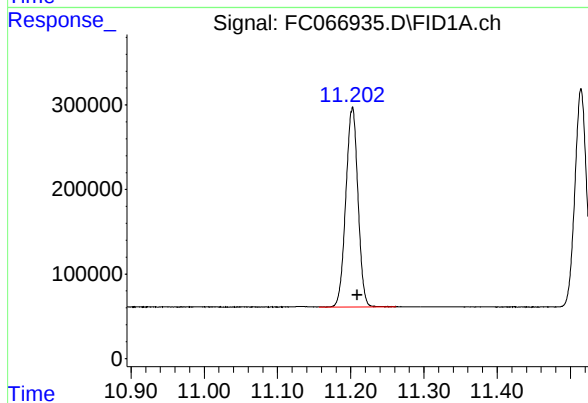
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.007 min
Response: 2701514
Conc: 18.46 ug/ml



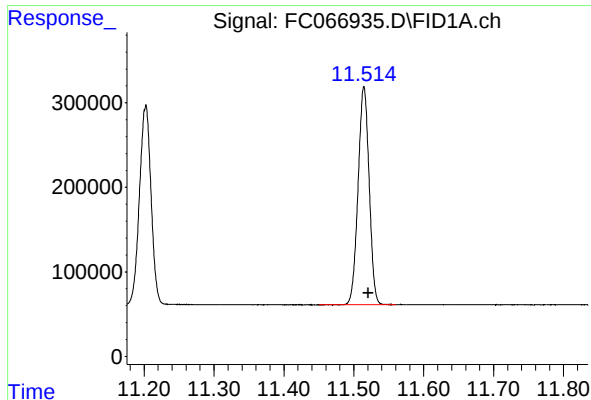
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.007 min
Response: 2743152
Conc: 18.33 ug/ml



#8 n-Octadecane (C18)

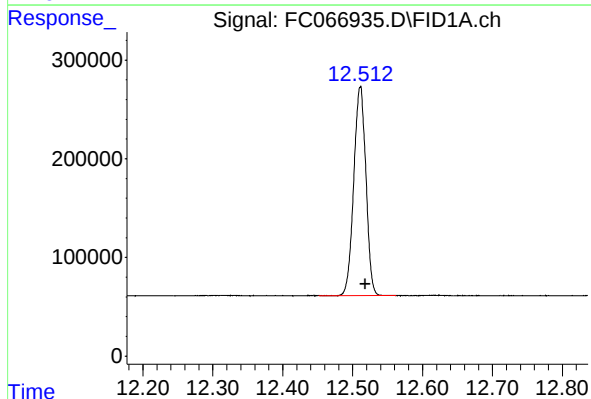
R.T.: 11.202 min
Delta R.T.: -0.007 min
Response: 2716582
Conc: 18.31 ug/ml



#9 ortho-Terphenyl (SURR)

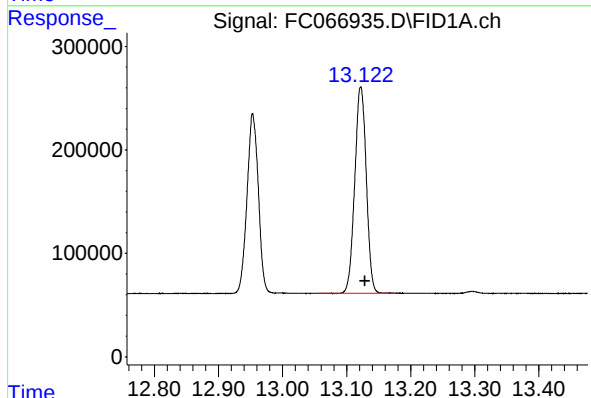
R.T.: 11.515 min
Delta R.T.: -0.006 min
Response: 2843560
Conc: 18.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



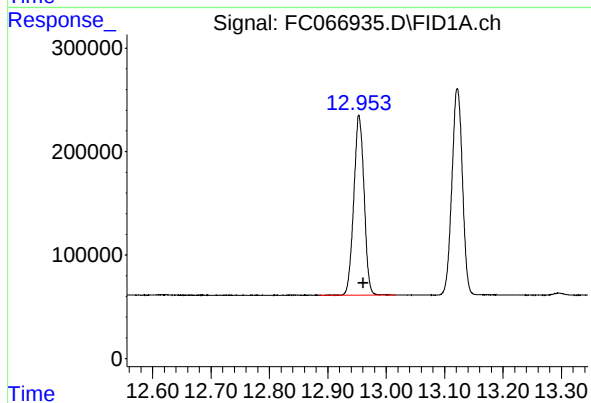
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: -0.007 min
Response: 2561031
Conc: 18.37 ug/ml



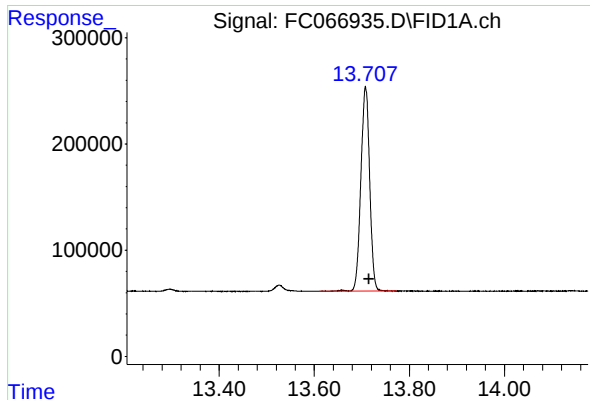
#11 n-Heneicosane (C21)

R.T.: 13.122 min
Delta R.T.: -0.006 min
Response: 2492043
Conc: 18.30 ug/ml



#12 1-chlorooctadecane (SURR)

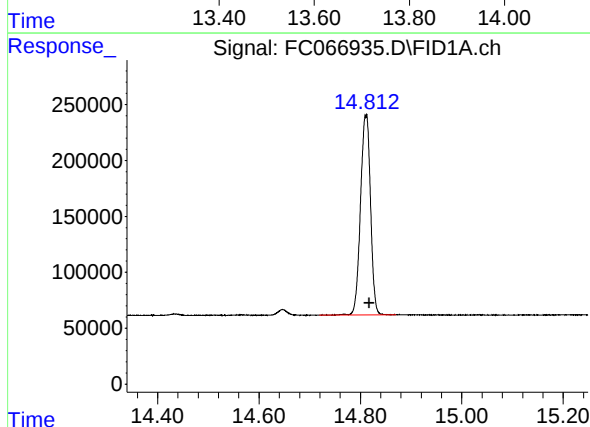
R.T.: 12.954 min
Delta R.T.: -0.007 min
Response: 2123419
Conc: 18.99 ug/ml



#13 n-Docosane (C22)

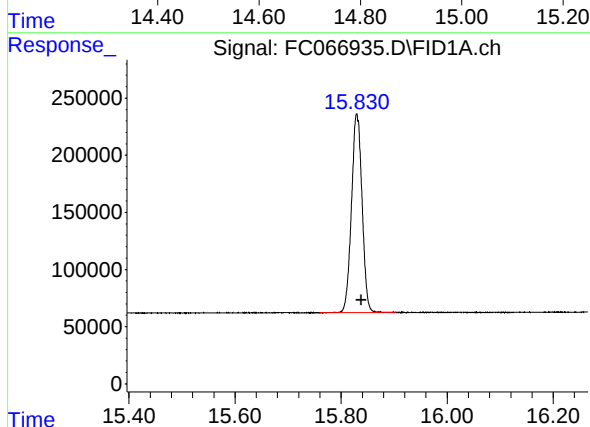
R.T.: 13.708 min
Delta R.T.: -0.007 min
Response: 2483491
Conc: 18.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



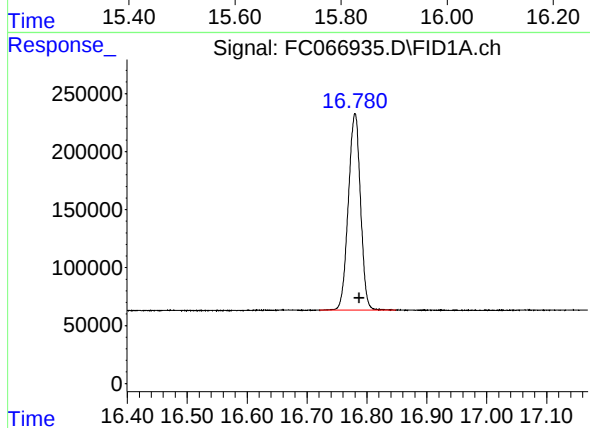
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.007 min
Response: 2448569
Conc: 18.41 ug/ml



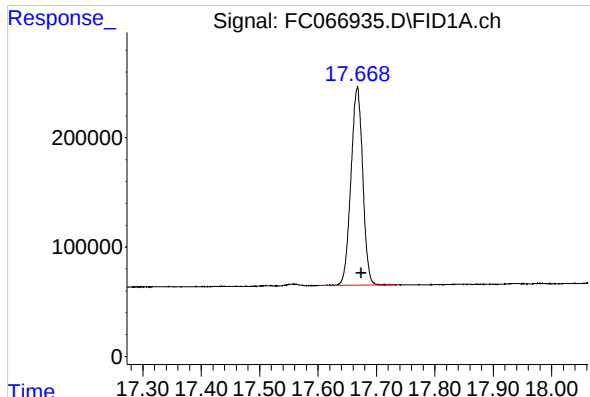
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.008 min
Response: 2407453
Conc: 18.50 ug/ml



#16 n-Octacosane (C28)

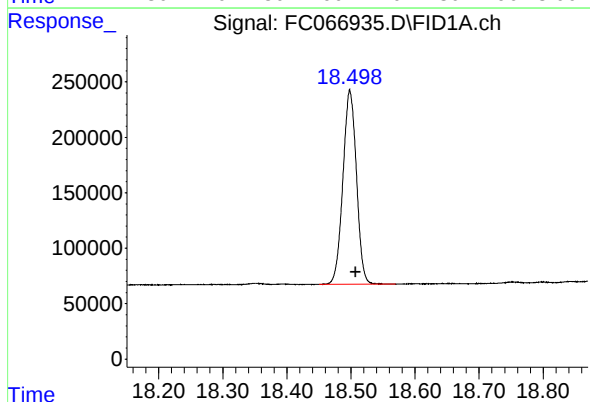
R.T.: 16.780 min
Delta R.T.: -0.007 min
Response: 2407836
Conc: 19.09 ug/ml



#17 n-Tricontane (C30)

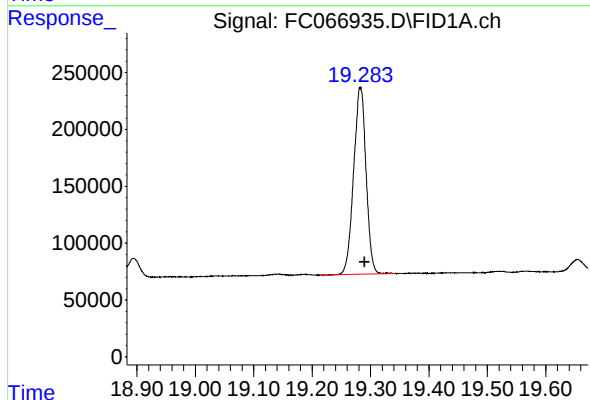
R.T.: 17.667 min
Delta R.T.: -0.007 min
Response: 2536852
Conc: 19.73 ug/ml

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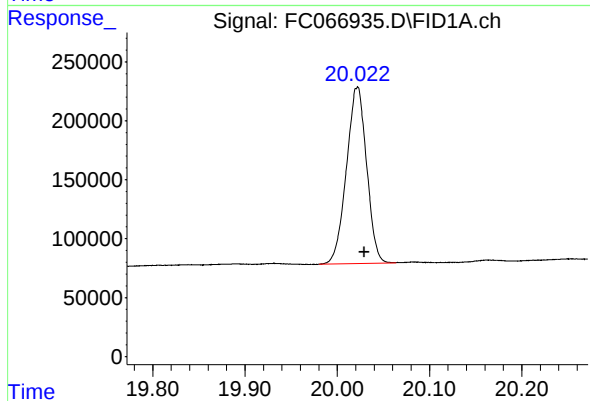
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: -0.009 min
Response: 2551028
Conc: 20.26 ug/ml



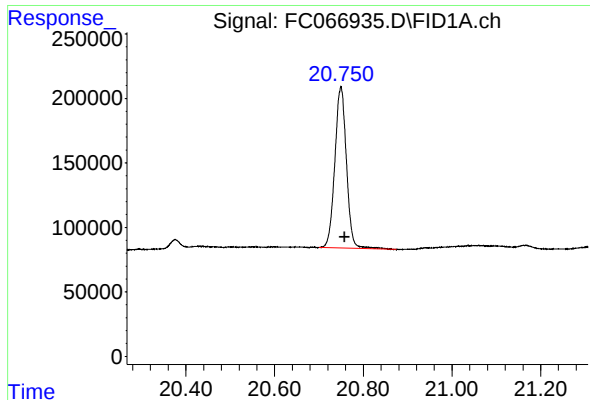
#19 n-Tetatriacontane (C34)

R.T.: 19.283 min
Delta R.T.: -0.007 min
Response: 2427243
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

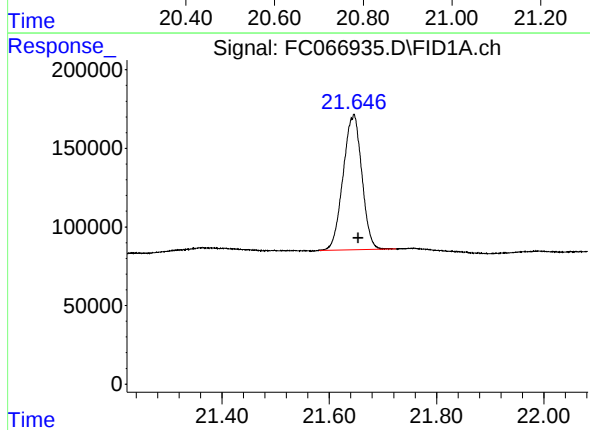
R.T.: 20.022 min
Delta R.T.: -0.008 min
Response: 2277284
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: -0.009 min
Response: 2267710
Conc: 20.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: -0.009 min
Response: 2082615
Conc: 19.16 ug/ml