

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082724AL\
 Data File : FC067017.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2024 15:18
 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 28 02:27:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 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)	11.510	2909614	19.113 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
12) S 1-chlorooctadecane (S...	12.948	2013314	18.583 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
Target Compounds			
1) T n-Nonane (C9)	3.279	2761701	18.791 ug/ml
2) T n-Decane (C10)	4.345	2843304	18.975 ug/ml
3) T A~Naphthalene (C11.7)	5.925	2985391	18.766 ug/ml
4) T n-Dodecane (C12)	6.362	2857308	19.043 ug/ml
5) T A~2-methylnaphthalene...	6.982	2811902	18.697 ug/ml
6) T n-Tetradecane (C14)	8.157	2787330	19.224 ug/ml
7) T n-Hexadecane (C16)	9.757	2837100	19.358 ug/ml
8) T n-Octadecane (C18)	11.198	2832873	19.437 ug/ml
10) T n-Eicosane (C20)	12.506	2641628	19.290 ug/ml
11) T n-Heneicosane (C21)	13.117	2562036	19.226 ug/ml
13) T n-Docosane (C22)	13.703	2521748	19.137 ug/ml
14) T n-Tetracosane (C24)	14.805	2462986	19.004 ug/ml
15) T n-Hexacosane (C26)	15.825	2395896	18.888 ug/ml
16) T n-Octacosane (C28)	16.774	2355930	18.968 ug/ml
17) T n-Tricontane (C30)	17.661	2418012	19.241 ug/ml
18) T n-Dotriacontane (C32)	18.493	2370215	19.189 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2215316	18.474 ug/ml
20) T n-Hexatriacontane (C36)	20.014	2008803	17.791 ug/ml
21) T n-Octatriacontane (C38)	20.741	1763831	16.190 ug/ml
22) T n-Tetracontane (C40)	21.634	1495013	14.635 ug/ml

(f)=RT Delta > 1/2 Window

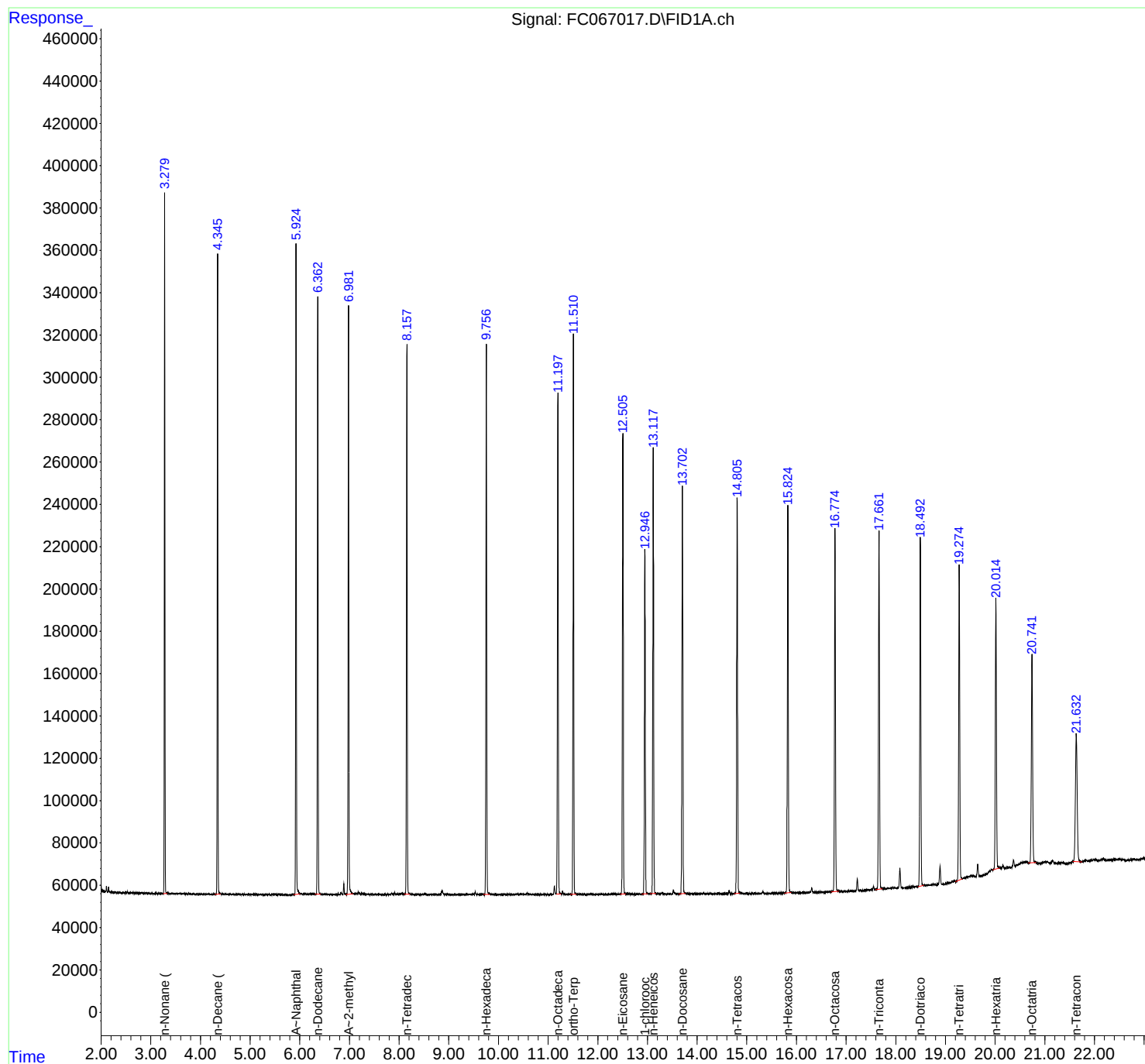
(m)=manual int.

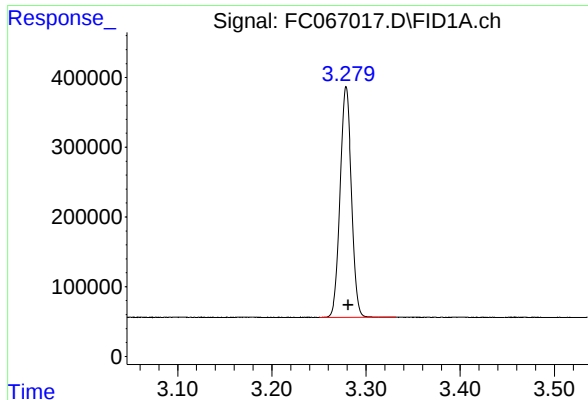
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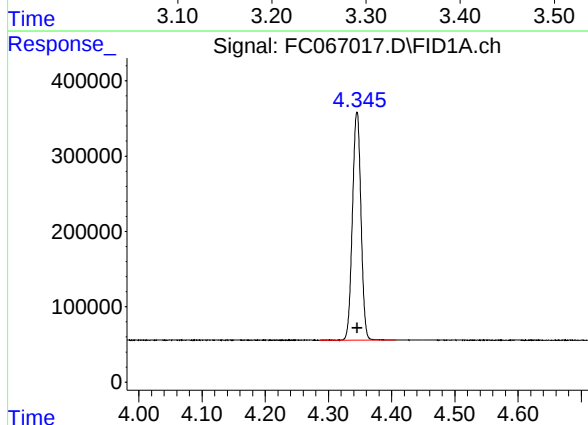




#1 n-Nonane (C9)

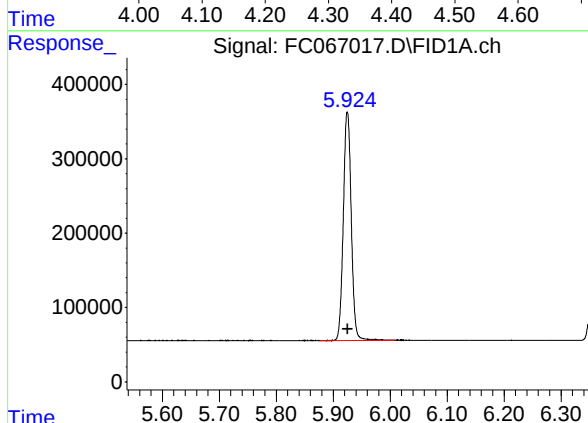
R.T.: 3.279 min
Delta R.T.: -0.002 min
Response: 2761701
Conc: 18.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



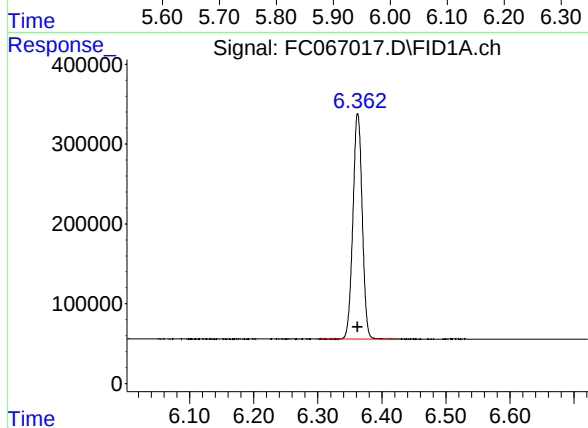
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 2843304
Conc: 18.97 ug/ml



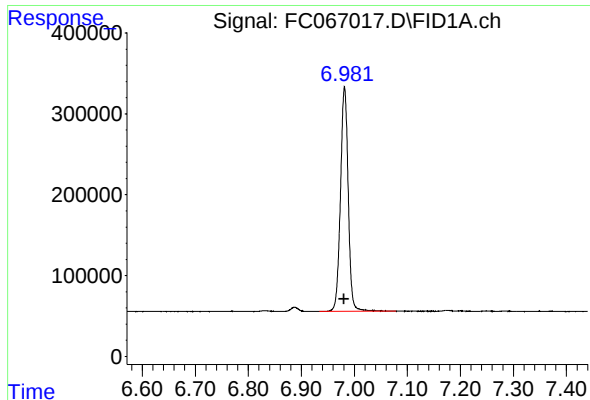
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 2985391
Conc: 18.77 ug/ml



#4 n-Dodecane (C12)

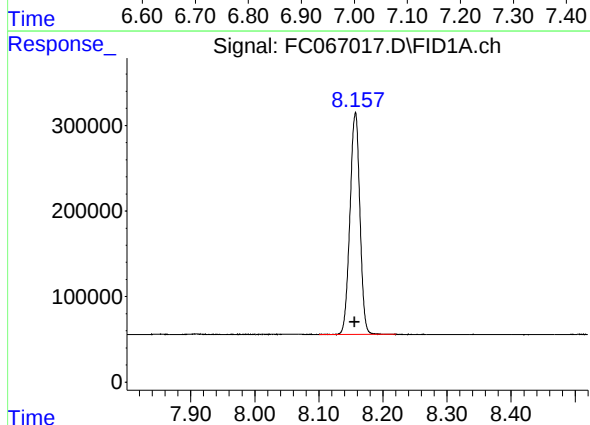
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 2857308
Conc: 19.04 ug/ml



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

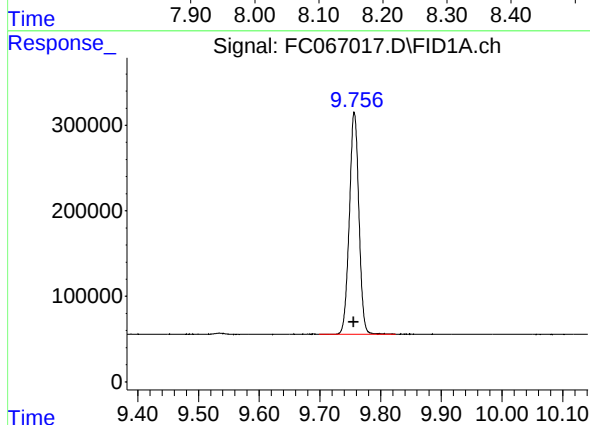
R.T.: 6.982 min
Delta R.T.: 0.001 min
Response: 2811902
Conc: 18.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



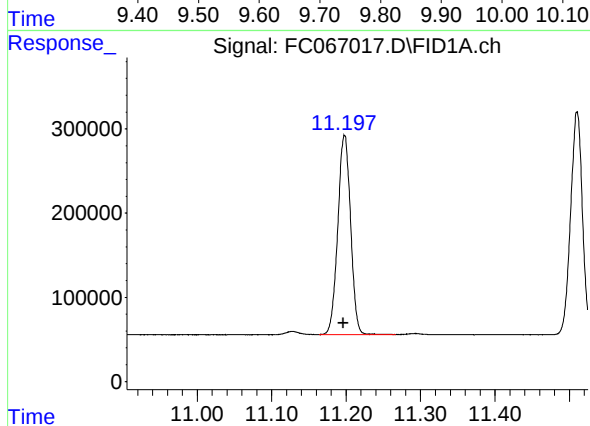
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 2787330
Conc: 19.22 ug/ml



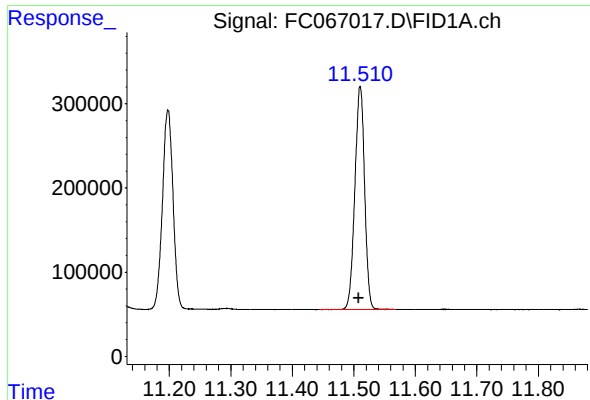
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: 0.000 min
Response: 2837100
Conc: 19.36 ug/ml



#8 n-Octadecane (C18)

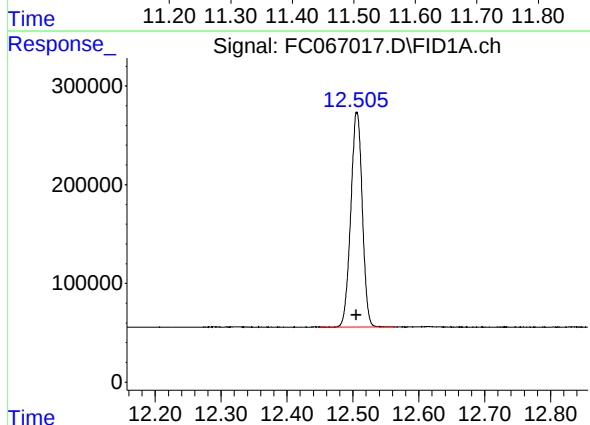
R.T.: 11.198 min
Delta R.T.: 0.001 min
Response: 2832873
Conc: 19.44 ug/ml



#9 ortho-Terphenyl (SURR)

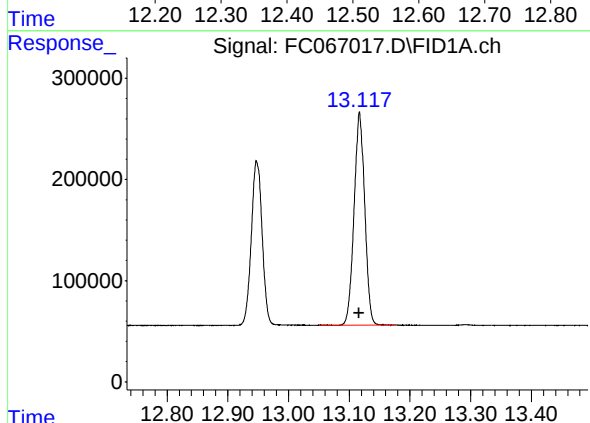
R.T.: 11.510 min
Delta R.T.: 0.002 min
Response: 2909614
Conc: 19.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



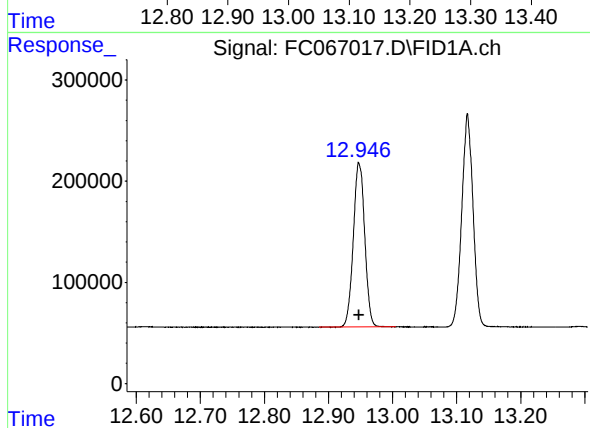
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.001 min
Response: 2641628
Conc: 19.29 ug/ml



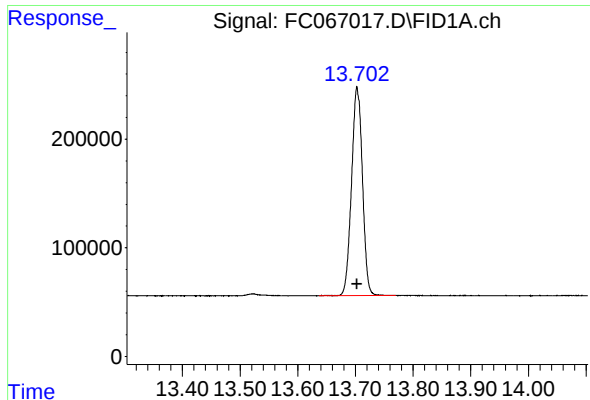
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.000 min
Response: 2562036
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

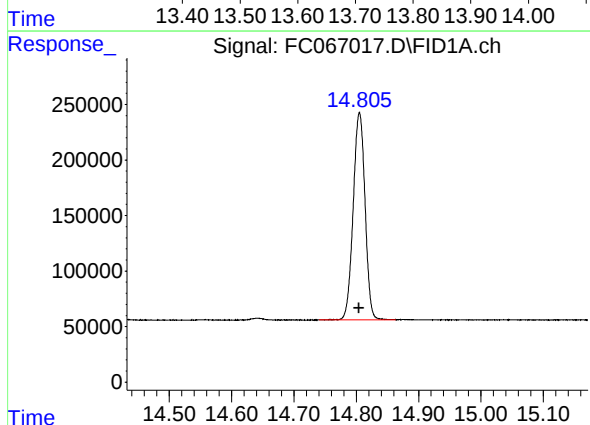
R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 2013314
Conc: 18.58 ug/ml



#13 n-Docosane (C22)

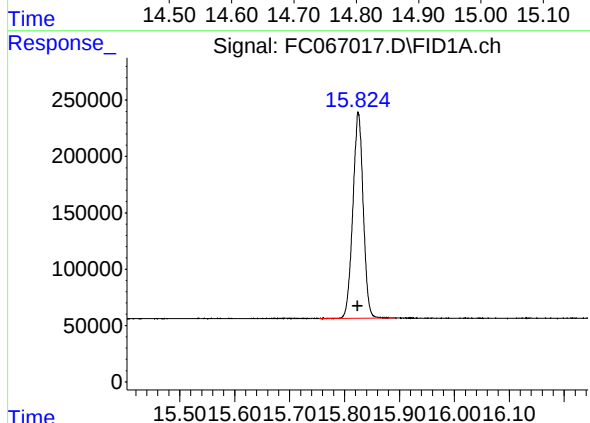
R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 2521748
Conc: 19.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



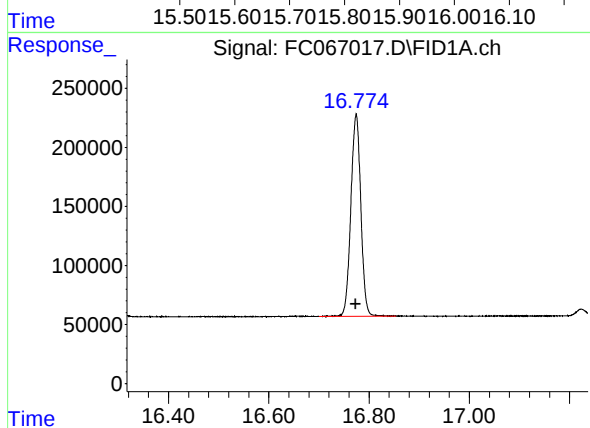
#14 n-Tetracosane (C24)

R.T.: 14.805 min
Delta R.T.: 0.000 min
Response: 2462986
Conc: 19.00 ug/ml



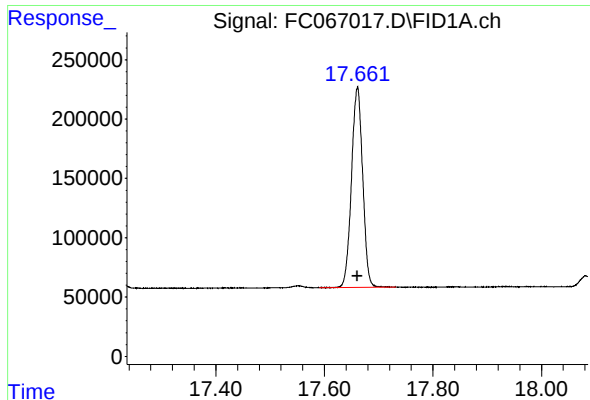
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: 0.000 min
Response: 2395896
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

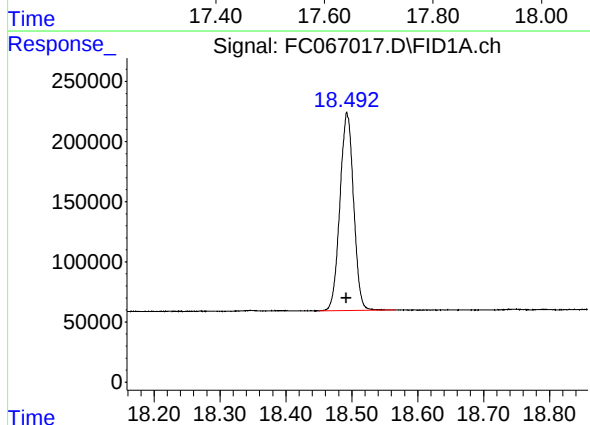
R.T.: 16.774 min
Delta R.T.: 0.001 min
Response: 2355930
Conc: 18.97 ug/ml



#17 n-Tricontane (C30)

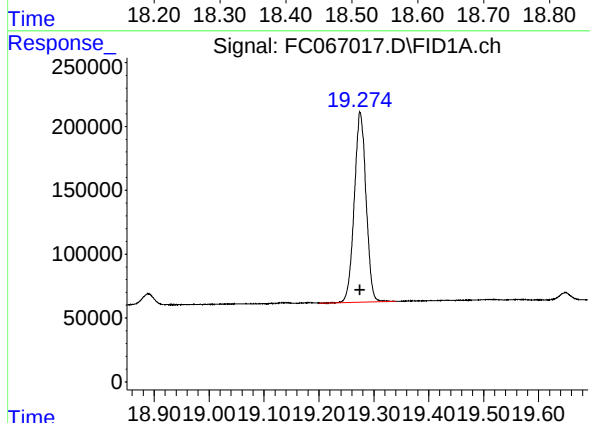
R.T.: 17.661 min
Delta R.T.: 0.000 min
Response: 2418012
Conc: 19.24 ug/ml

Instrument :
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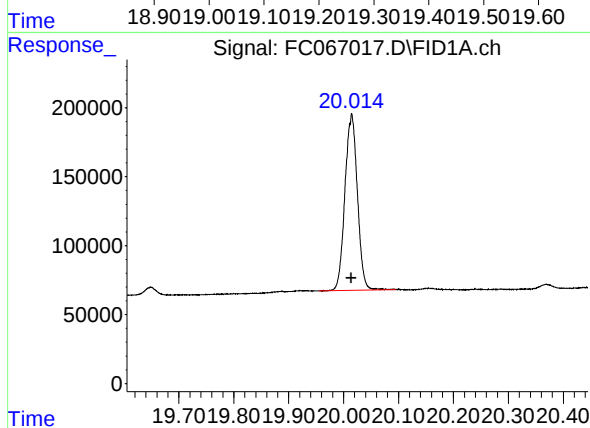
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: 0.001 min
Response: 2370215
Conc: 19.19 ug/ml



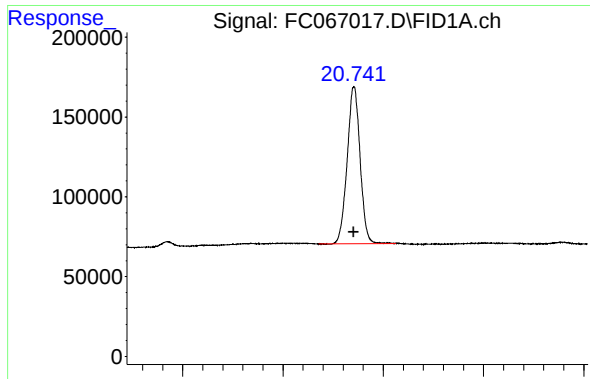
#19 n-Tetatriacontane (C34)

R.T.: 19.276 min
Delta R.T.: 0.000 min
Response: 2215316
Conc: 18.47 ug/ml



#20 n-Hexatriacontane (C36)

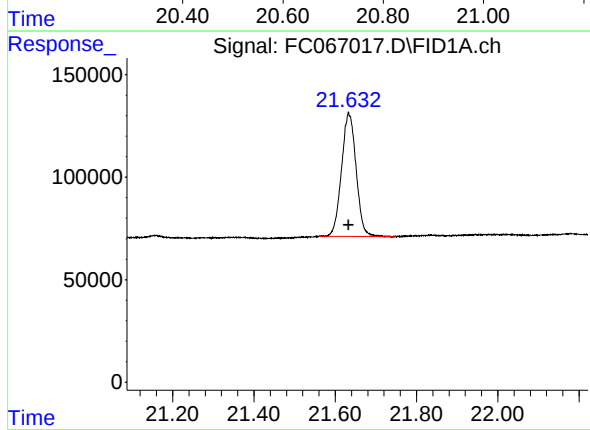
R.T.: 20.014 min
Delta R.T.: 0.000 min
Response: 2008803
Conc: 17.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.000 min
Response: 1763831
Conc: 16.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.634 min
Delta R.T.: 0.000 min
Response: 1495013
Conc: 14.64 ug/ml