

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103024AL\
 Data File : FC067564.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2024 14:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 01 00:18:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.493	2500260	17.040 ug/ml
Spiked Amount 50.000		Recovery =	34.08%
12) S 1-chlorooctadecane (S...	12.931	1867456	17.293 ug/ml
Spiked Amount 50.000		Recovery =	34.59%
Target Compounds			
1) T n-Nonane (C9)	3.274	2189723	16.254 ug/ml
2) T n-Decane (C10)	4.338	2283987	16.764 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2475244	16.703 ug/ml
4) T n-Dodecane (C12)	6.353	2298360	16.969 ug/ml
5) T A~2-methylnaphthalene...	6.970	2365562	16.751 ug/ml
6) T n-Tetradecane (C14)	8.145	2245414	17.107 ug/ml
7) T n-Hexadecane (C16)	9.742	2282573	17.279 ug/ml
8) T n-Octadecane (C18)	11.182	2303119	17.433 ug/ml
10) T n-Eicosane (C20)	12.488	2209827	17.514 ug/ml
11) T n-Heneicosane (C21)	13.099	2153229	17.447 ug/ml
13) T n-Docosane (C22)	13.684	2200561	17.971 ug/ml
14) T n-Tetracosane (C24)	14.785	2305202	19.018 ug/ml
15) T n-Hexacosane (C26)	15.804	2403970	20.192 ug/ml
16) T n-Octacosane (C28)	16.752	2513624	21.366 ug/ml
17) T n-Tricontane (C30)	17.637	2654722	21.963 ug/ml
18) T n-Dotriacontane (C32)	18.470	2624367	22.180 ug/ml
19) T n-Tetratriacontane (C34)	19.251	2209314	21.096 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1791934	19.686 ug/ml
21) T n-Octatriacontane (C38)	20.711	1632068	18.846 ug/ml
22) T n-Tetracontane (C40)	21.594	1541312	18.131 ug/ml

(f)=RT Delta > 1/2 Window

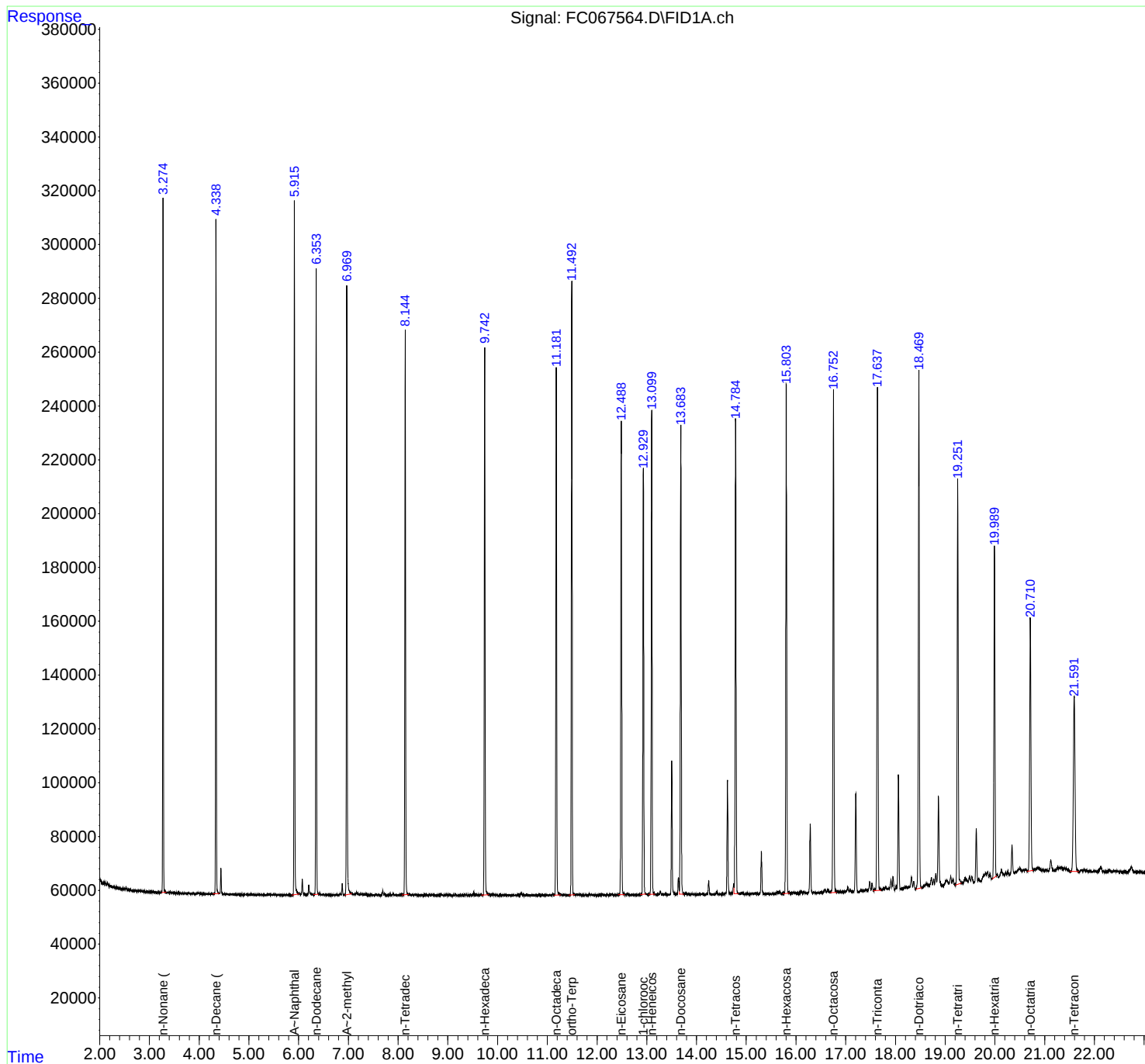
(m)=manual int.

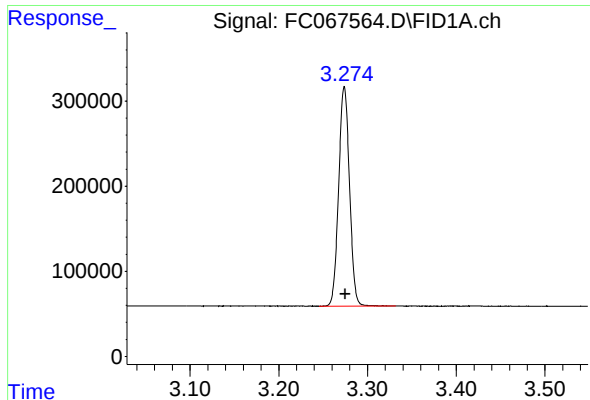
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103024AL\
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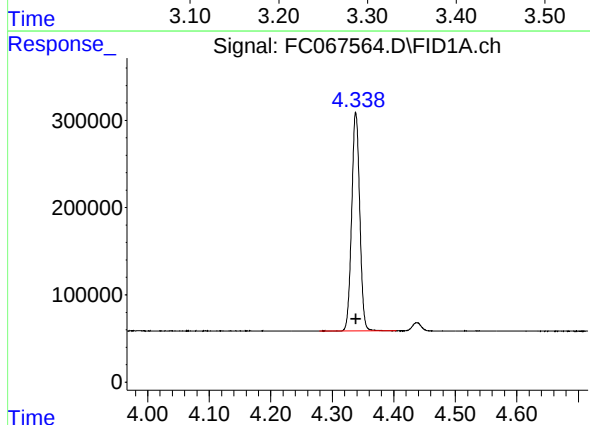




#1 n-Nonane (C9)

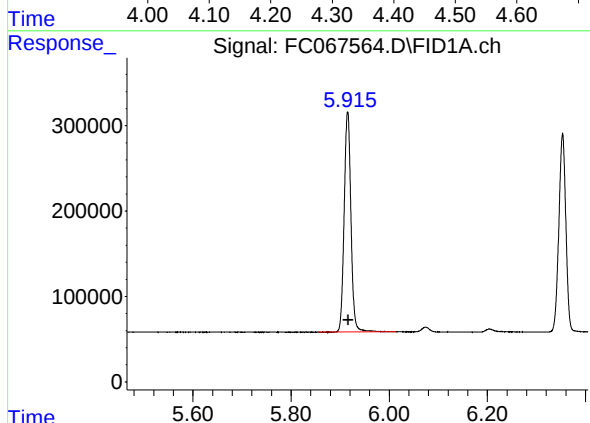
R.T.: 3.274 min
Delta R.T.: -0.001 min
Response: 2189723
Conc: 16.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



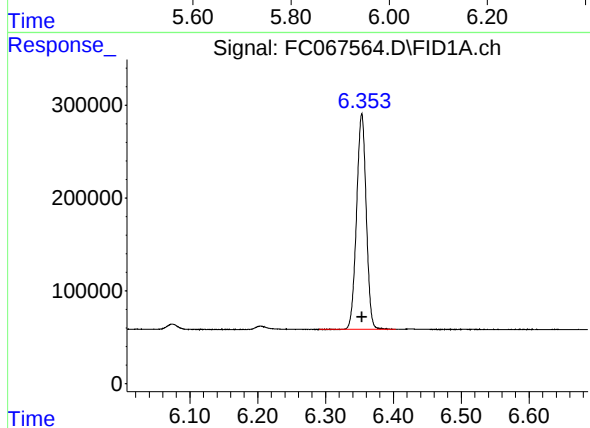
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 2283987
Conc: 16.76 ug/ml



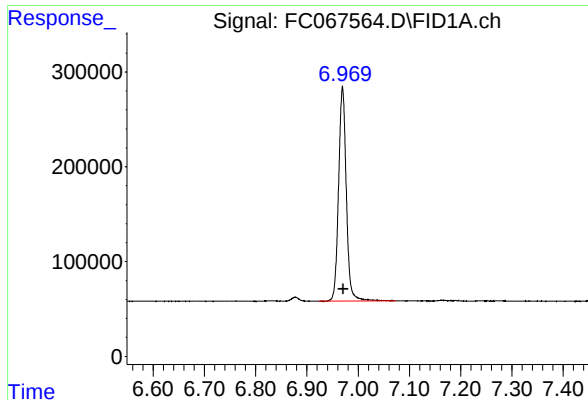
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.001 min
Response: 2475244
Conc: 16.70 ug/ml



#4 n-Dodecane (C12)

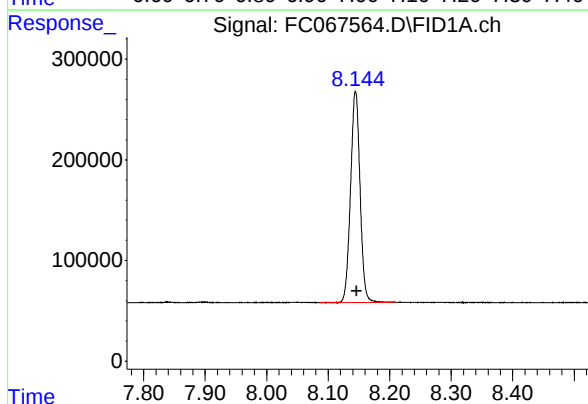
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2298360
Conc: 16.97 ug/ml



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

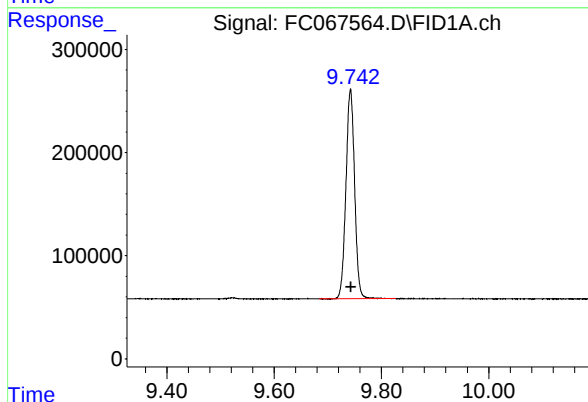
R.T.: 6.970 min
Delta R.T.: -0.002 min
Response: 2365562
Conc: 16.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



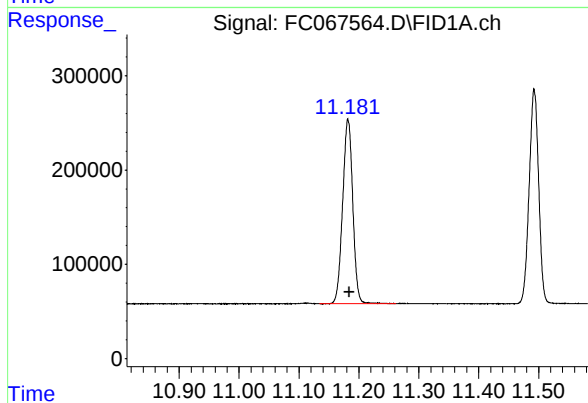
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: -0.001 min
Response: 2245414
Conc: 17.11 ug/ml



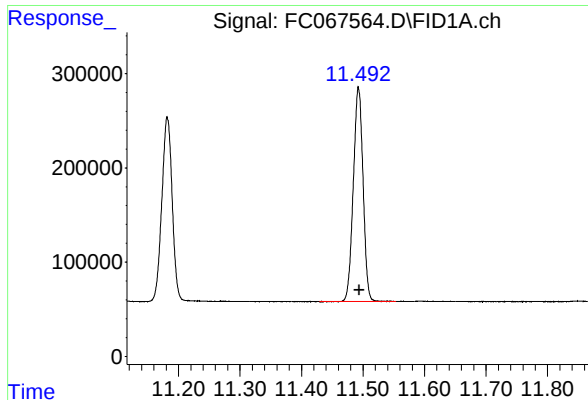
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.001 min
Response: 2282573
Conc: 17.28 ug/ml



#8 n-Octadecane (C18)

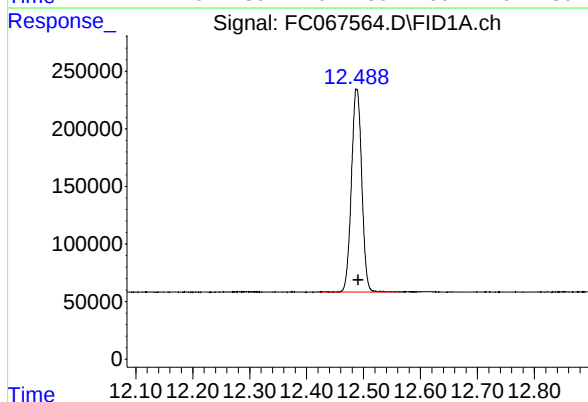
R.T.: 11.182 min
Delta R.T.: -0.002 min
Response: 2303119
Conc: 17.43 ug/ml



#9 ortho-Terphenyl (SURR)

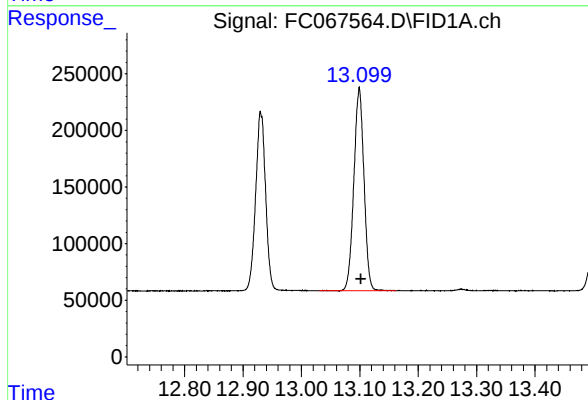
R.T.: 11.493 min
Delta R.T.: -0.001 min
Response: 2500260
Conc: 17.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



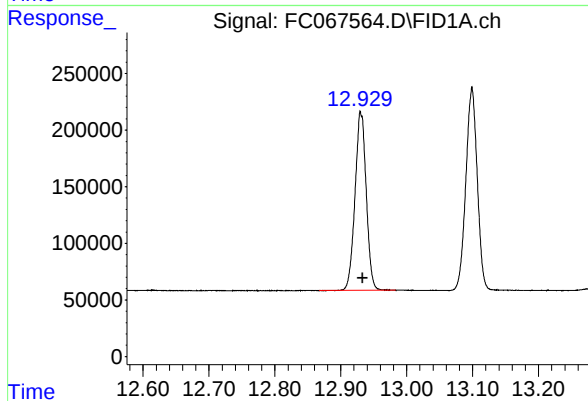
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: -0.003 min
Response: 2209827
Conc: 17.51 ug/ml



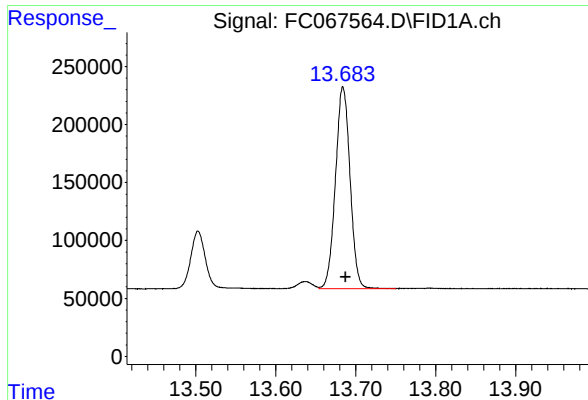
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 2153229
Conc: 17.45 ug/ml



#12 1-chlorooctadecane (SURR)

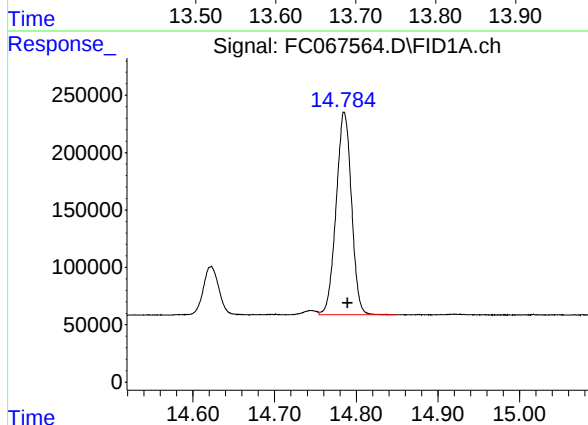
R.T.: 12.931 min
Delta R.T.: -0.002 min
Response: 1867456
Conc: 17.29 ug/ml



#13 n-Docosane (C22)

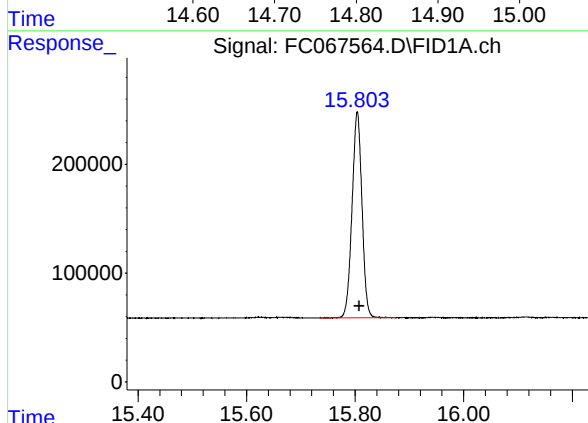
R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2200561
Conc: 17.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



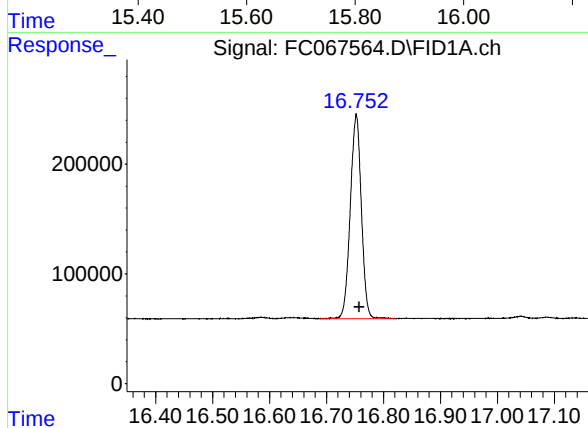
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.004 min
Response: 2305202
Conc: 19.02 ug/ml



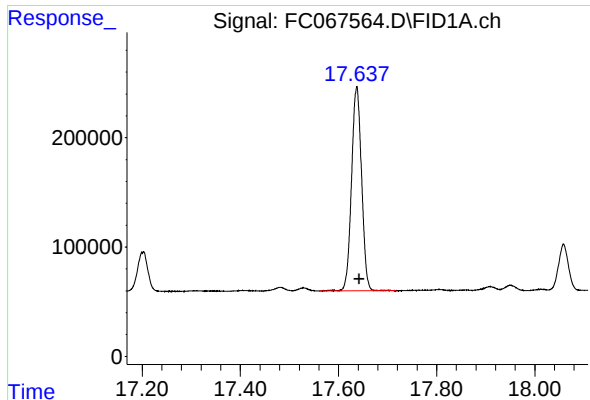
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.004 min
Response: 2403970
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

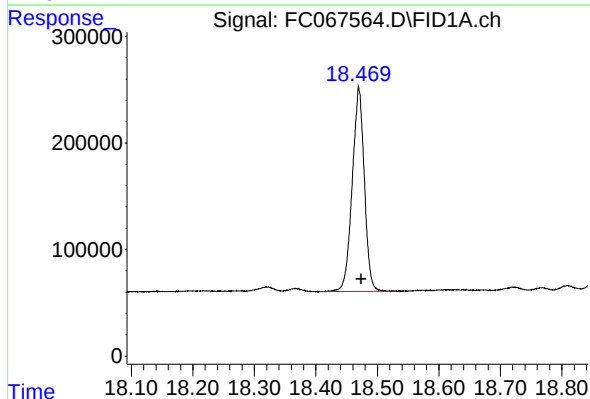
R.T.: 16.752 min
Delta R.T.: -0.006 min
Response: 2513624
Conc: 21.37 ug/ml



#17 n-Tricontane (C30)

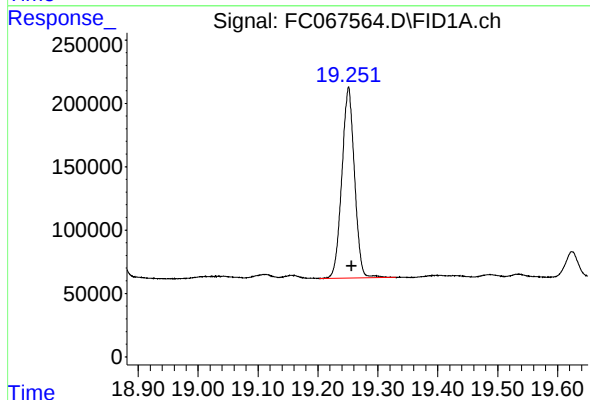
R.T.: 17.637 min
Delta R.T.: -0.006 min
Response: 2654722
Conc: 21.96 ug/ml

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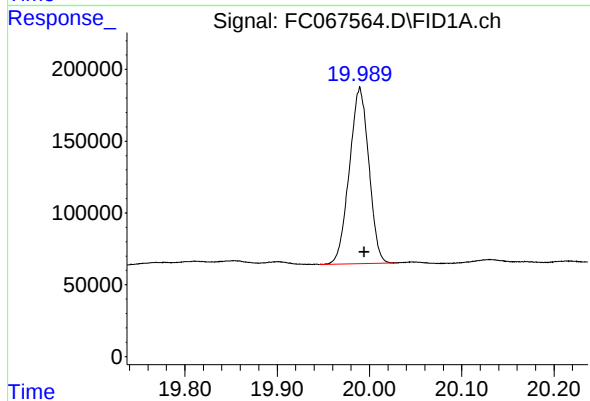
#18 n-Dotriacontane (C32)

R.T.: 18.470 min
Delta R.T.: -0.004 min
Response: 2624367
Conc: 22.18 ug/ml



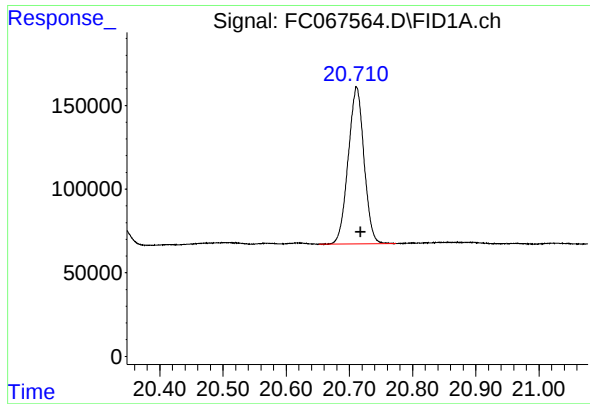
#19 n-Tetratriacontane (C34)

R.T.: 19.251 min
Delta R.T.: -0.005 min
Response: 2209314
Conc: 21.10 ug/ml



#20 n-Hexatriacontane (C36)

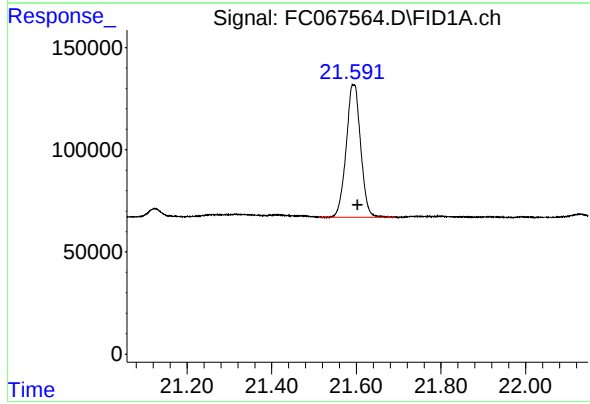
R.T.: 19.990 min
Delta R.T.: -0.005 min
Response: 1791934
Conc: 19.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: -0.007 min
Response: 1632068
Conc: 18.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.010 min
Response: 1541312
Conc: 18.13 ug/ml