

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111224AL\
 Data File : FC067710.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2024 13:43
 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: Nov 12 23:54:59 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)	11.490	2976052	20.282 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	12.928	2228681	20.638 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T n-Nonane (C9)	3.270	2755388	20.453 ug/ml
2) T n-Decane (C10)	4.334	2803210	20.575 ug/ml
3) T A~Naphthalene (C11.7)	5.912	3051388	20.591 ug/ml
4) T n-Dodecane (C12)	6.349	2783001	20.547 ug/ml
5) T A~2-methylnaphthalene...	6.966	2912668	20.625 ug/ml
6) T n-Tetradecane (C14)	8.141	2706064	20.616 ug/ml
7) T n-Hexadecane (C16)	9.739	2733996	20.696 ug/ml
8) T n-Octadecane (C18)	11.178	2728994	20.656 ug/ml
10) T n-Eicosane (C20)	12.485	2591158	20.536 ug/ml
11) T n-Heneicosane (C21)	13.096	2536234	20.551 ug/ml
13) T n-Docosane (C22)	13.681	2518350	20.567 ug/ml
14) T n-Tetracosane (C24)	14.782	2509838	20.707 ug/ml
15) T n-Hexacosane (C26)	15.801	2462070	20.680 ug/ml
16) T n-Octacosane (C28)	16.749	2461644	20.924 ug/ml
17) T n-Tricontane (C30)	17.637	2591593	21.441 ug/ml
18) T n-Dotriacontane (C32)	18.466	2555691	21.600 ug/ml
19) T n-Tetratriacontane (C34)	19.249	2255028	21.532 ug/ml
20) T n-Hexatriacontane (C36)	19.986	1942199	21.337 ug/ml
21) T n-Octatriacontane (C38)	20.710	2004229	23.143 ug/ml
22) T n-Tetracontane (C40)	21.591	1768082	20.798 ug/ml

(f)=RT Delta > 1/2 Window

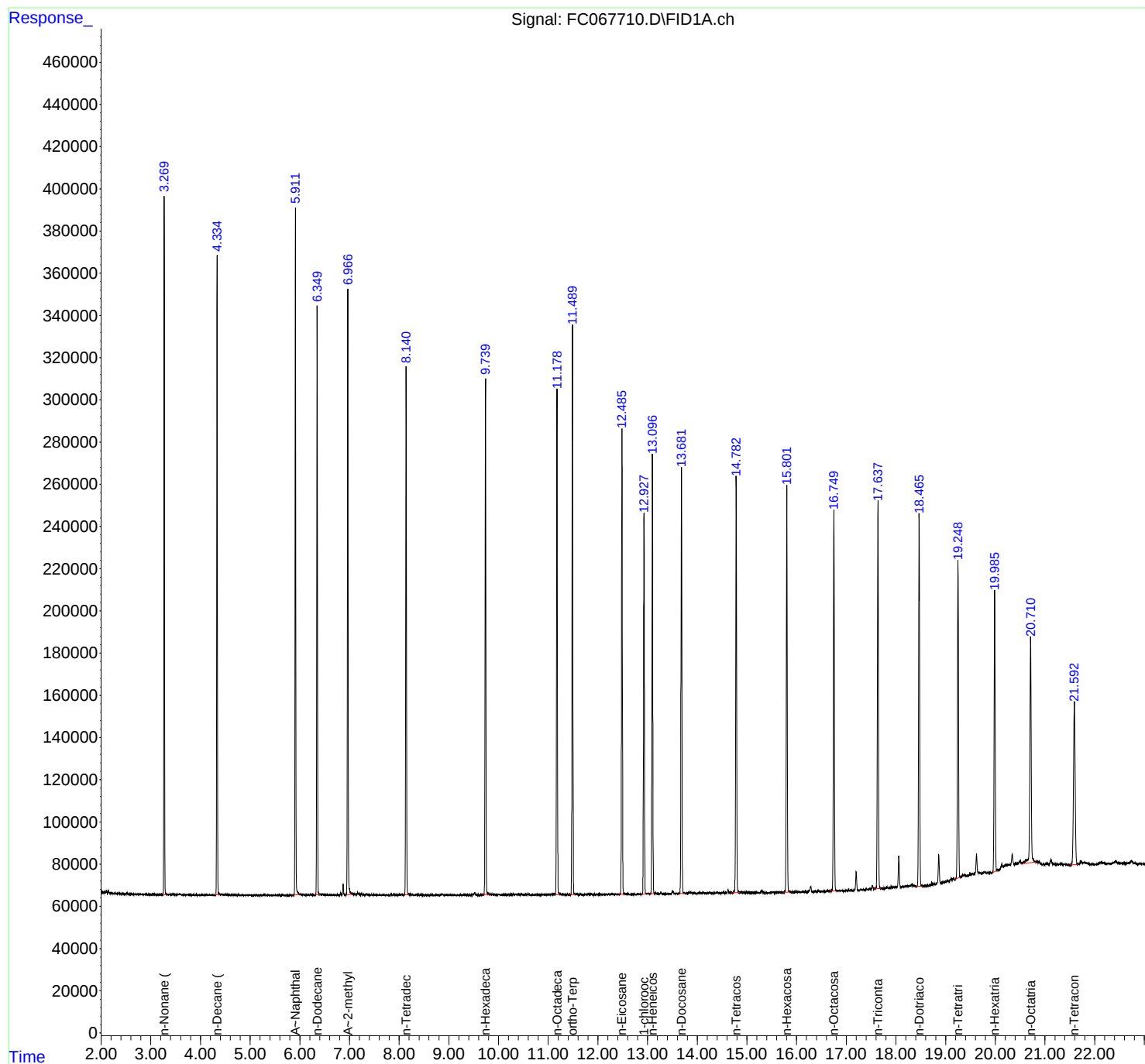
(m)=manual int.

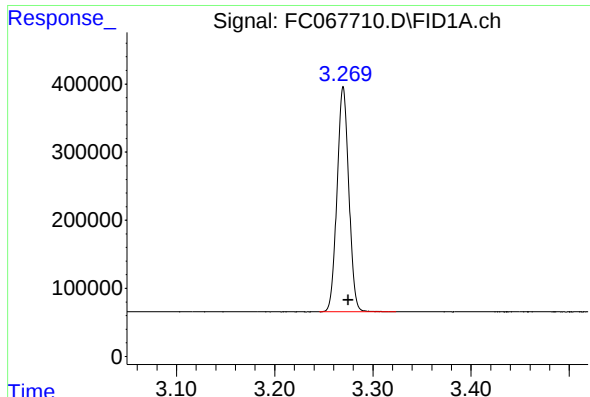
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111224AL\
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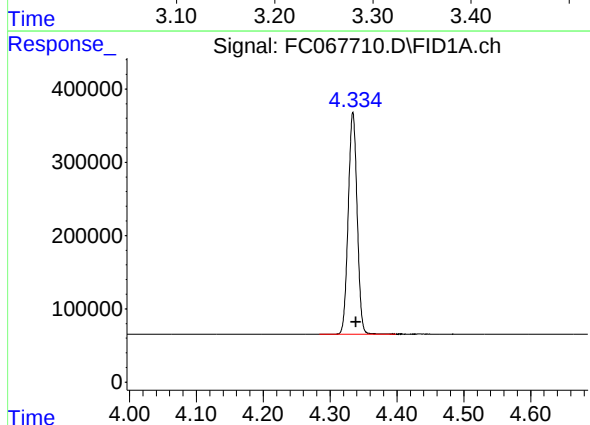




#1 n-Nonane (C9)

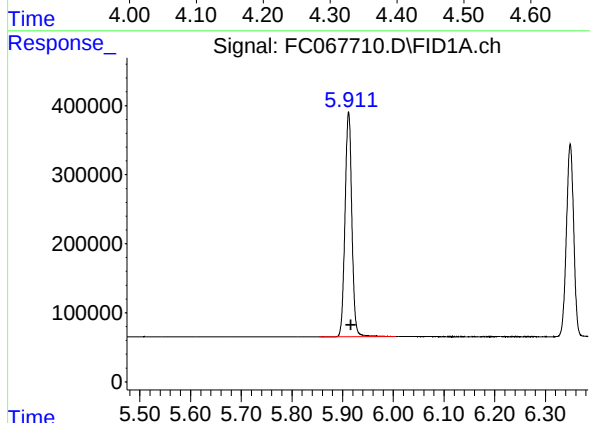
R.T.: 3.270 min
Delta R.T.: -0.005 min
Response: 2755388
Conc: 20.45 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



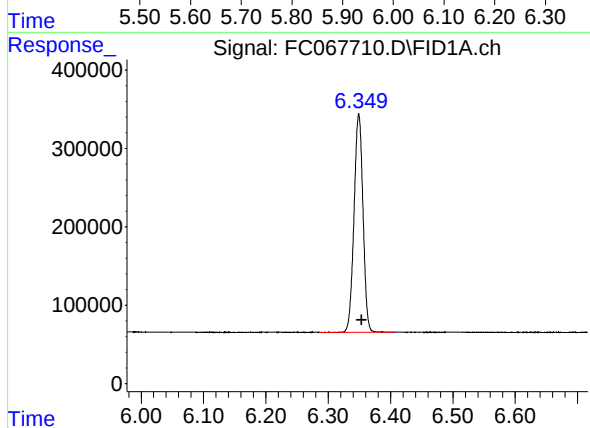
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: -0.004 min
Response: 2803210
Conc: 20.57 ug/ml



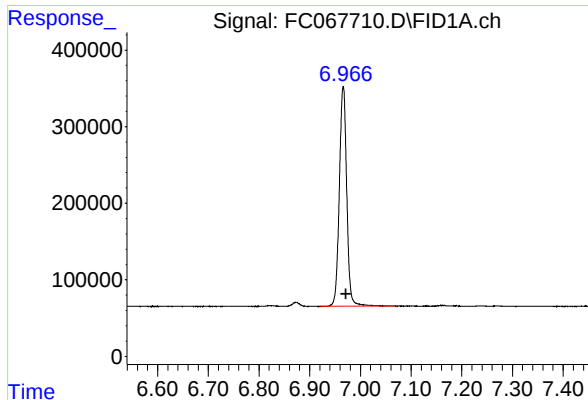
#3 A~Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: -0.005 min
Response: 3051388
Conc: 20.59 ug/ml



#4 n-Dodecane (C12)

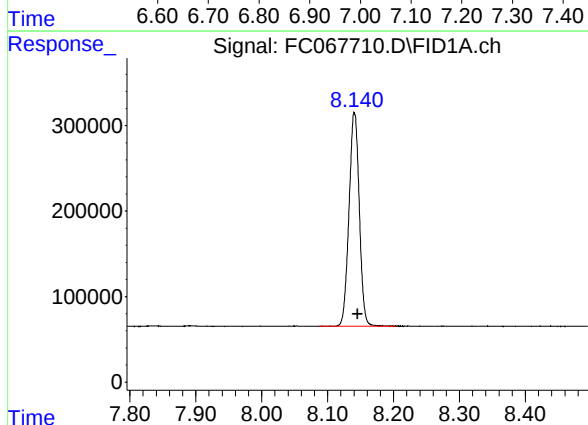
R.T.: 6.349 min
Delta R.T.: -0.005 min
Response: 2783001
Conc: 20.55 ug/ml



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

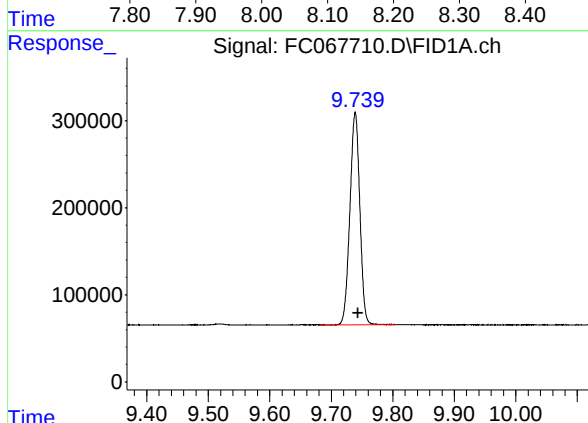
R.T.: 6.966 min
Delta R.T.: -0.005 min
Response: 2912668
Conc: 20.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



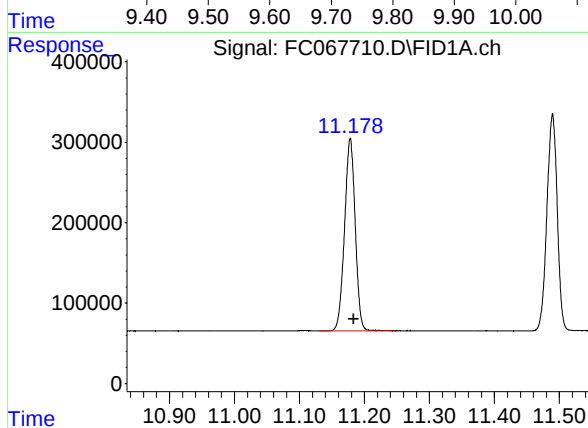
#6 n-Tetradecane (C14)

R.T.: 8.141 min
Delta R.T.: -0.005 min
Response: 2706064
Conc: 20.62 ug/ml



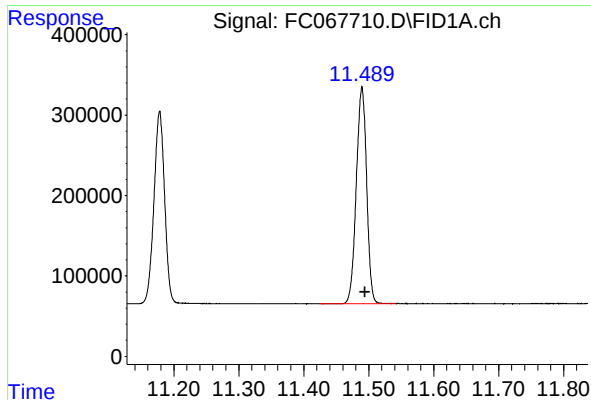
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.005 min
Response: 2733996
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

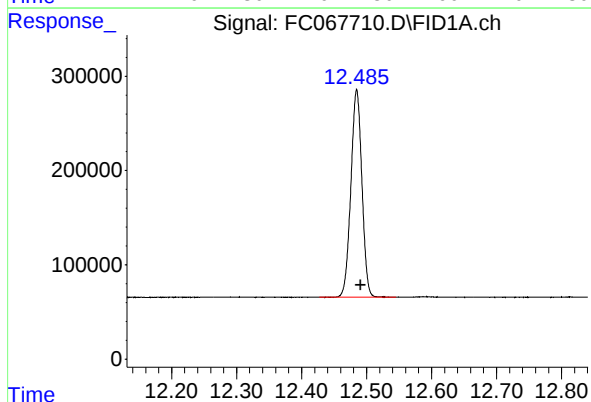
R.T.: 11.178 min
Delta R.T.: -0.005 min
Response: 2728994
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

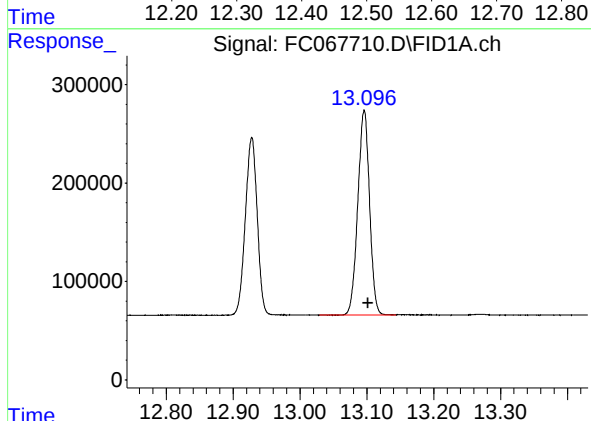
R.T.: 11.490 min
Delta R.T.: -0.005 min
Response: 2976052
Conc: 20.28 ug/ml

Instrument :
FID_C
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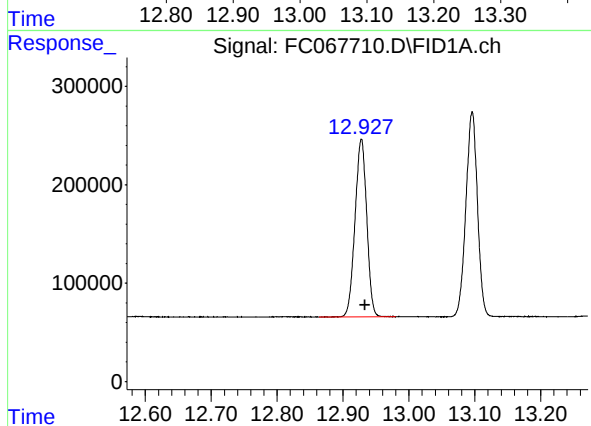
#10 n-Eicosane (C20)

R.T.: 12.485 min
Delta R.T.: -0.006 min
Response: 2591158
Conc: 20.54 ug/ml



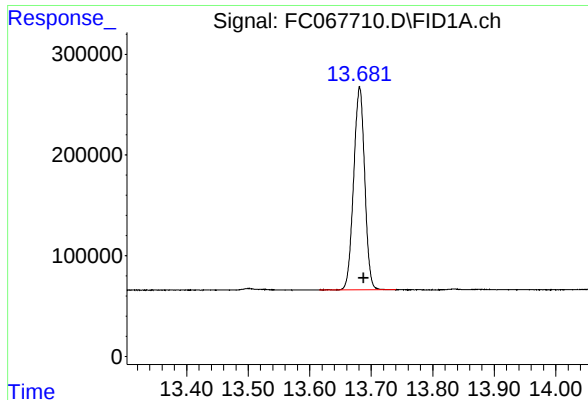
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: -0.006 min
Response: 2536234
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

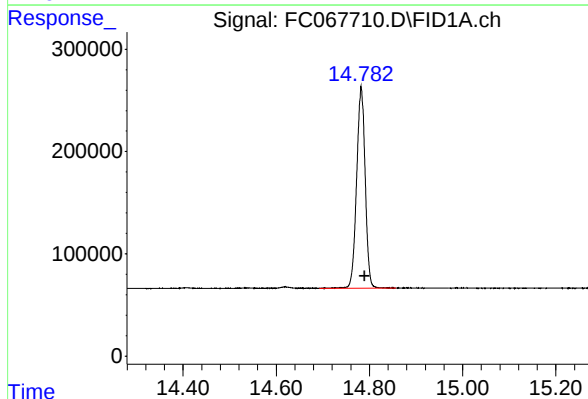
R.T.: 12.928 min
Delta R.T.: -0.005 min
Response: 2228681
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

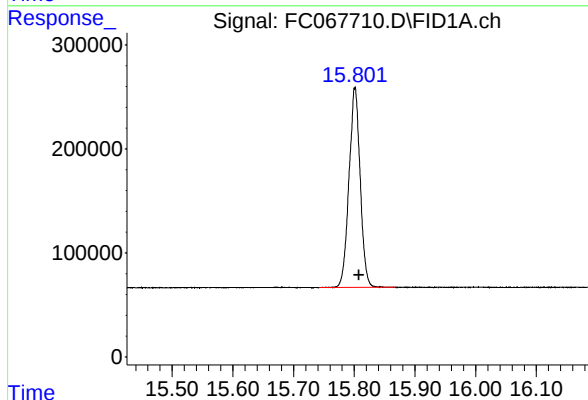
R.T.: 13.681 min
Delta R.T.: -0.006 min
Response: 2518350
Conc: 20.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



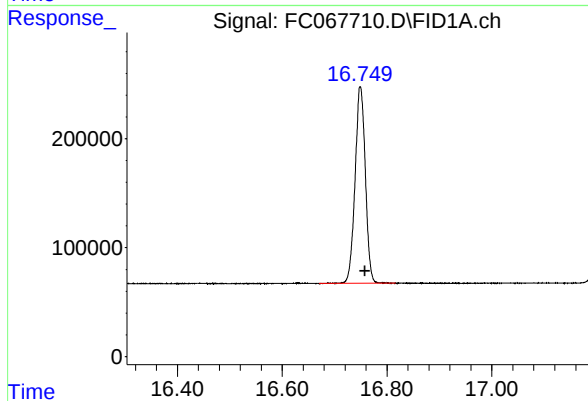
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: -0.007 min
Response: 2509838
Conc: 20.71 ug/ml



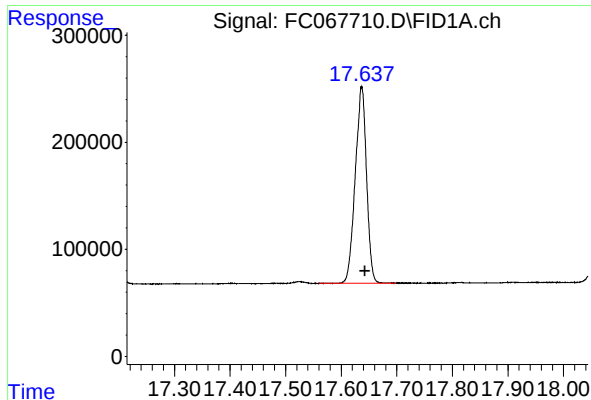
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: -0.006 min
Response: 2462070
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

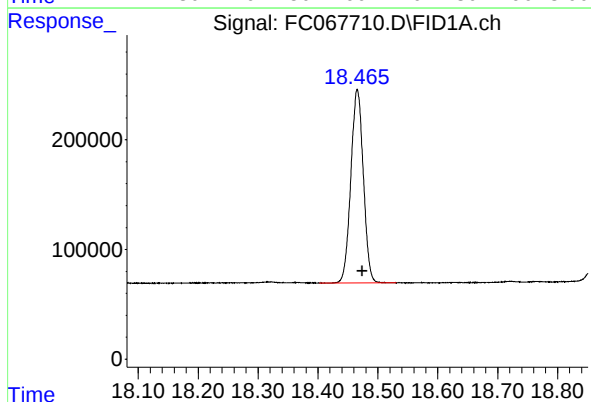
R.T.: 16.749 min
Delta R.T.: -0.008 min
Response: 2461644
Conc: 20.92 ug/ml



#17 n-Tricontane (C30)

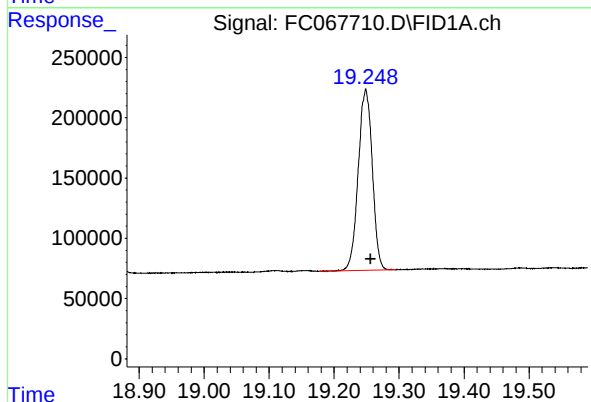
R.T.: 17.637 min
Delta R.T.: -0.006 min
Response: 2591593
Conc: 21.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



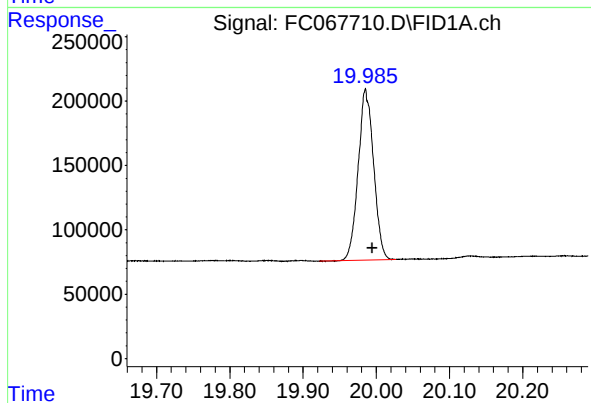
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.008 min
Response: 2555691
Conc: 21.60 ug/ml



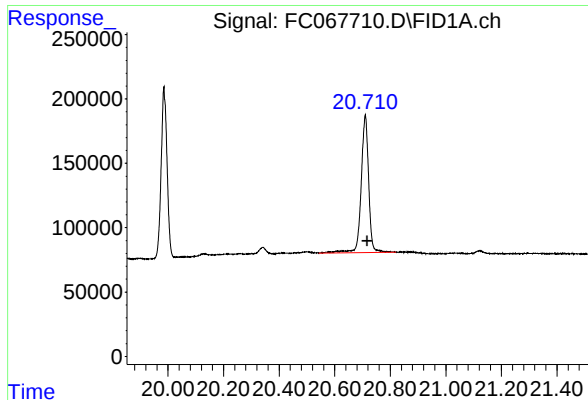
#19 n-Tetatriacontane (C34)

R.T.: 19.249 min
Delta R.T.: -0.008 min
Response: 2255028
Conc: 21.53 ug/ml



#20 n-Hexatriacontane (C36)

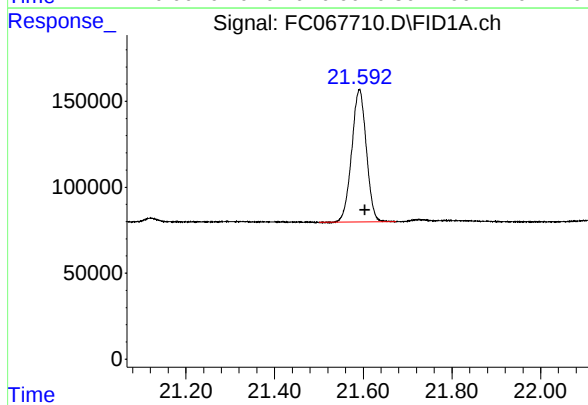
R.T.: 19.986 min
Delta R.T.: -0.009 min
Response: 1942199
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: -0.008 min
Response: 2004229
Conc: 23.14 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: -0.012 min
Response: 1768082
Conc: 20.80 ug/ml