

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\_D  
 ClientSampleId :

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

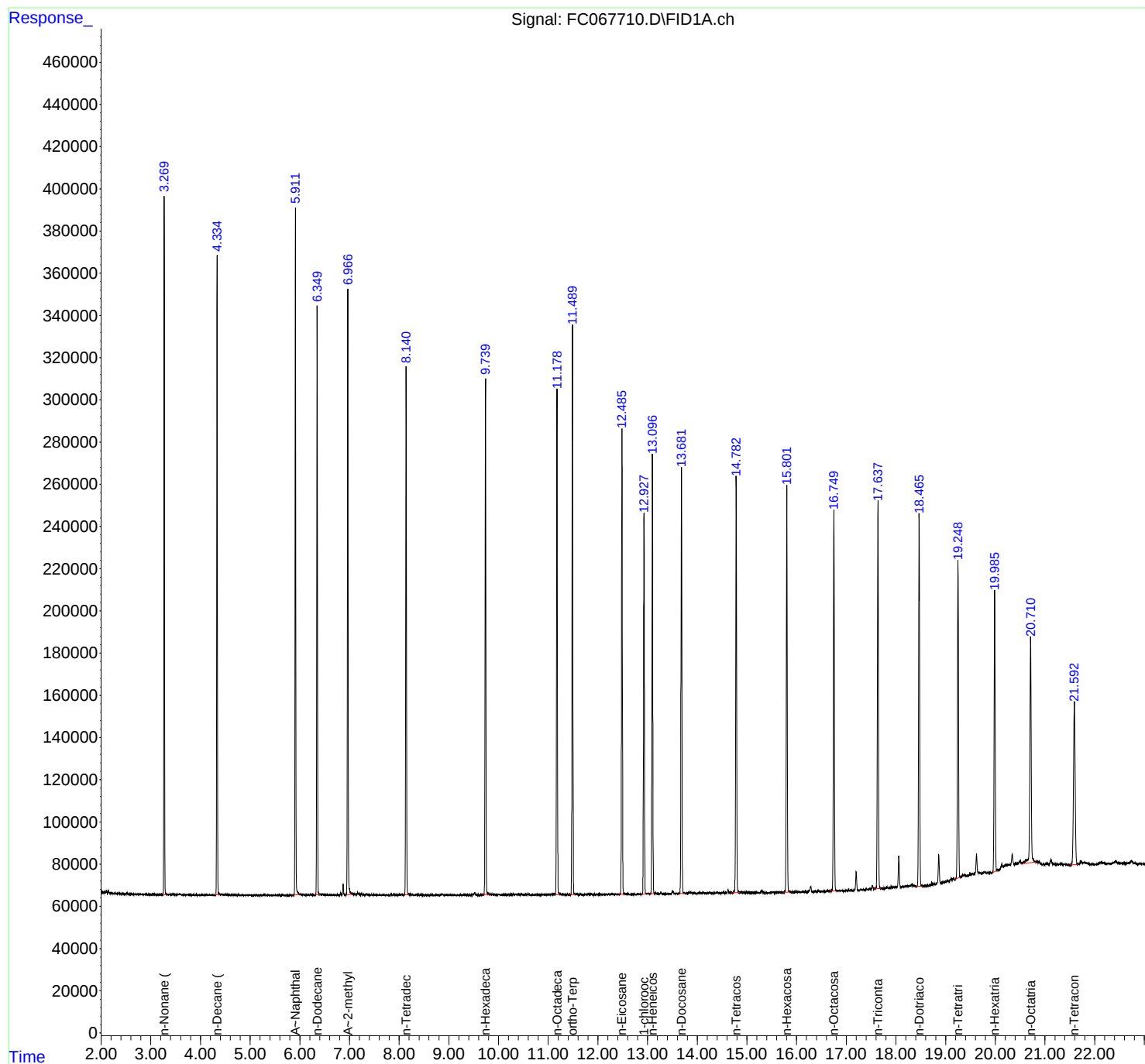
(m)=manual int.

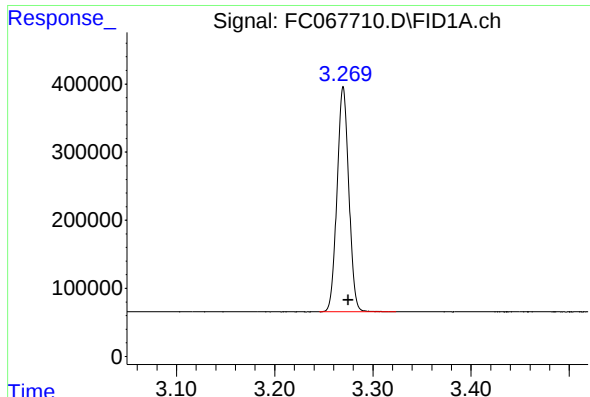
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111224AL\  
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Acq On : 12 Nov 2024 13:43  
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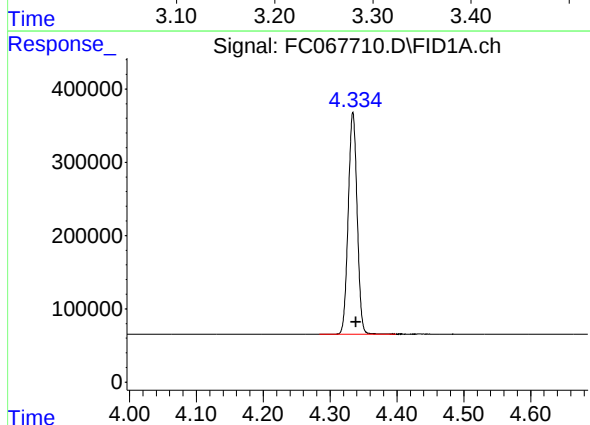




#1 n-Nonane (C9)

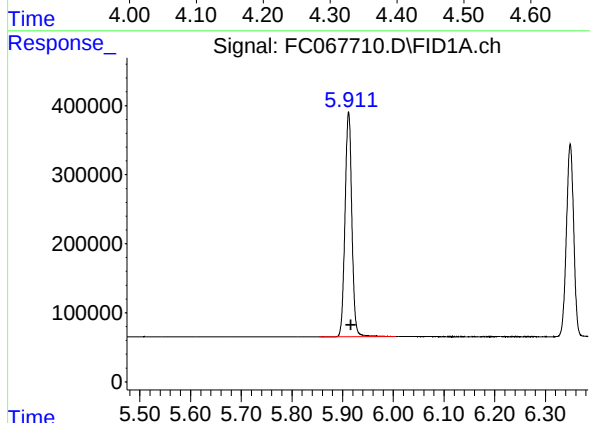
R.T.: 3.270 min  
Delta R.T.: -0.005 min  
Response: 2755388  
Conc: 20.45 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



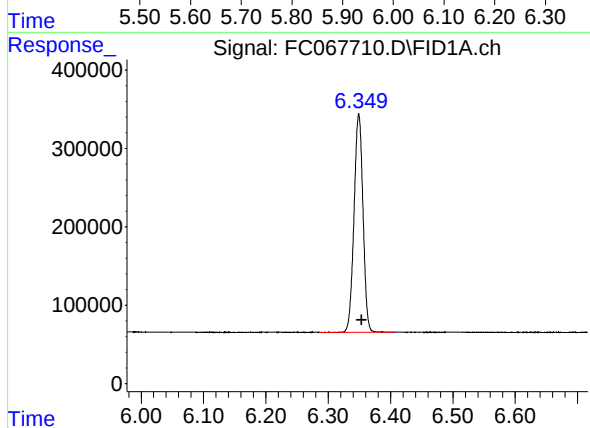
#2 n-Decane (C10)

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



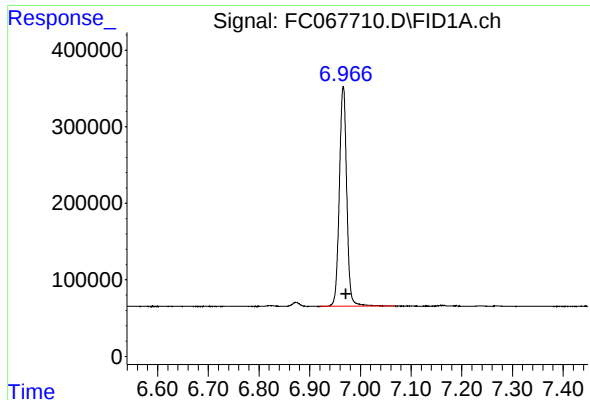
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

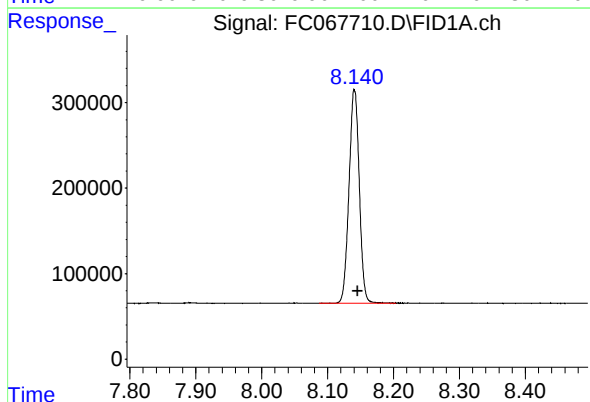
R.T.: 6.349 min  
Delta R.T.: -0.005 min  
Response: 2783001  
Conc: 20.55 ug/ml



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

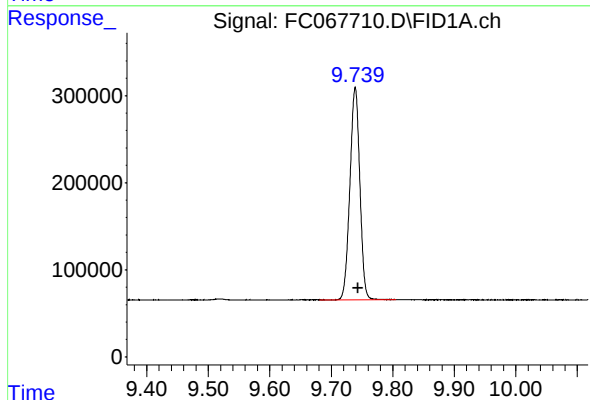
R.T.: 6.966 min  
Delta R.T.: -0.005 min  
Response: 2912668  
Conc: 20.62 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



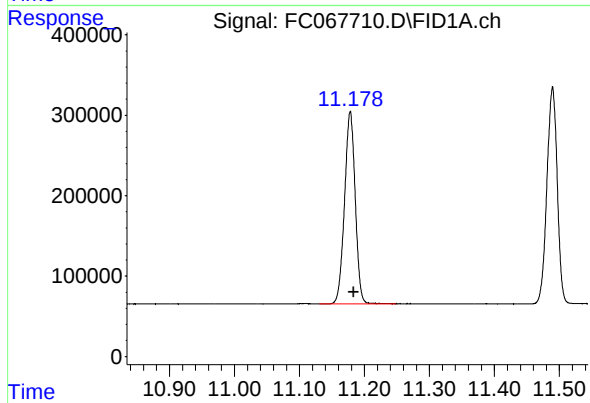
#6 n-Tetradecane (C14)

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



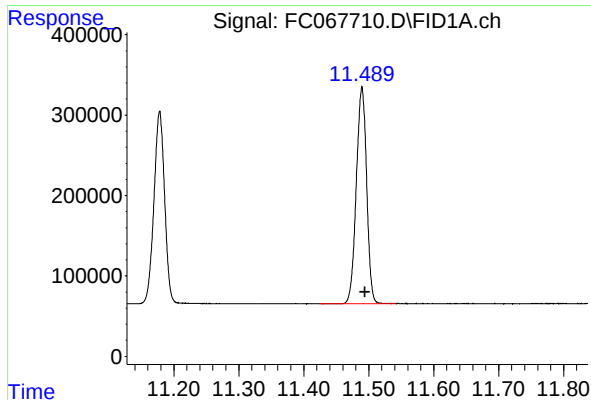
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

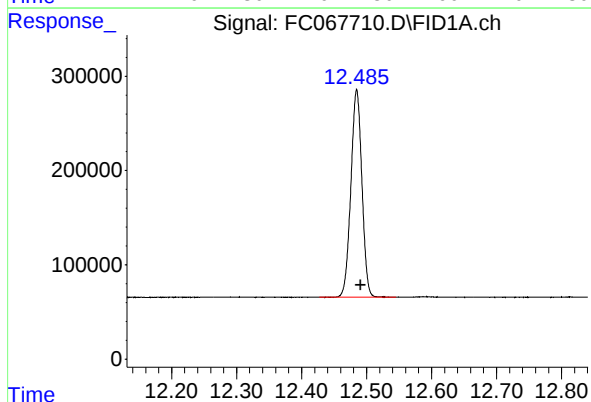
R.T.: 11.178 min  
Delta R.T.: -0.005 min  
Response: 2728994  
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

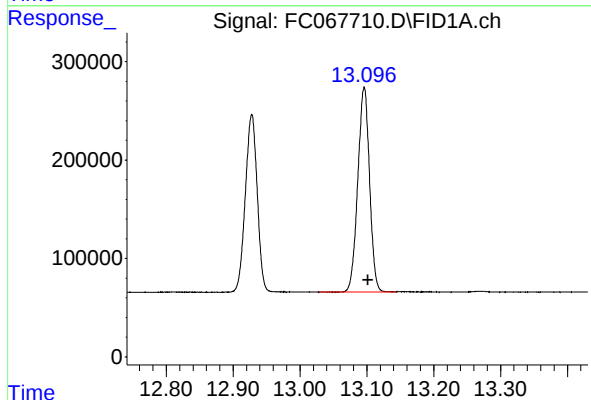
R.T.: 11.490 min  
Delta R.T.: -0.005 min  
Response: 2976052  
Conc: 20.28 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



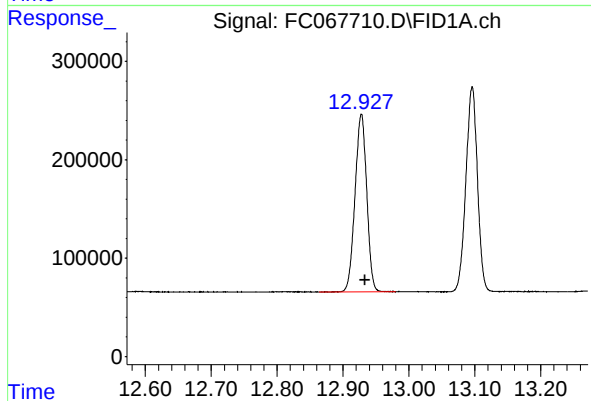
#10 n-Eicosane (C20)

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



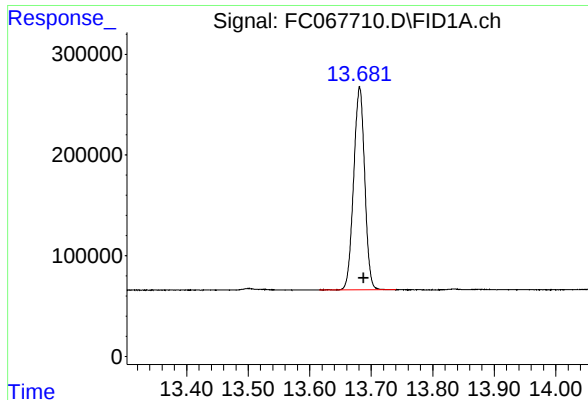
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

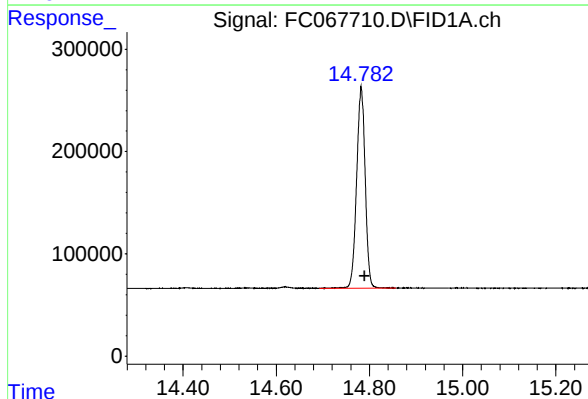
R.T.: 12.928 min  
Delta R.T.: -0.005 min  
Response: 2228681  
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

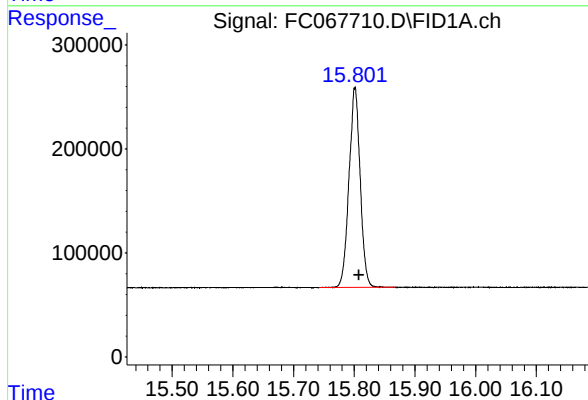
R.T.: 13.681 min  
Delta R.T.: -0.006 min  
Response: 2518350  
Conc: 20.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



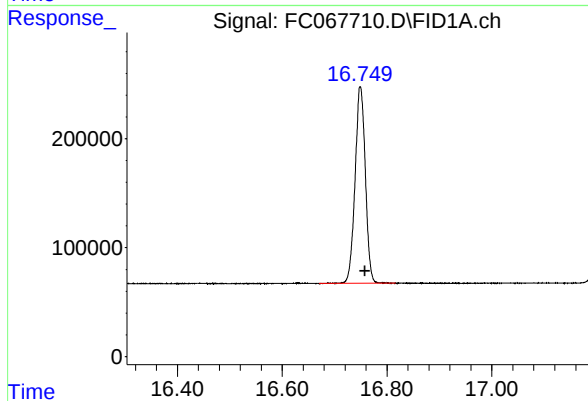
#14 n-Tetracosane (C24)

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



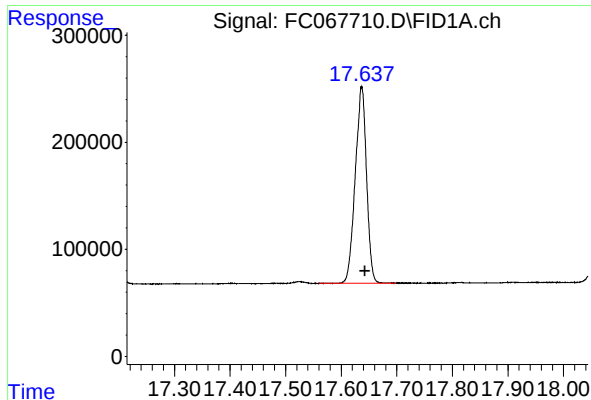
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

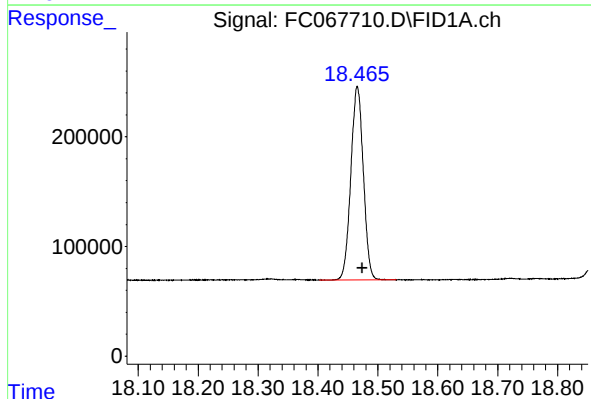
R.T.: 16.749 min  
Delta R.T.: -0.008 min  
Response: 2461644  
Conc: 20.92 ug/ml



#17 n-Tricontane (C30)

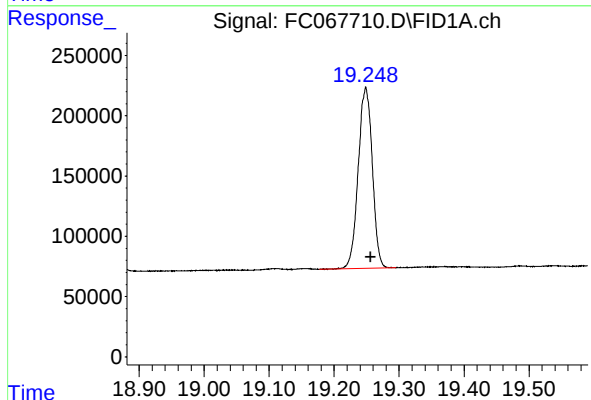
R.T.: 17.637 min  
Delta R.T.: -0.006 min  
Response: 2591593  
Conc: 21.44 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



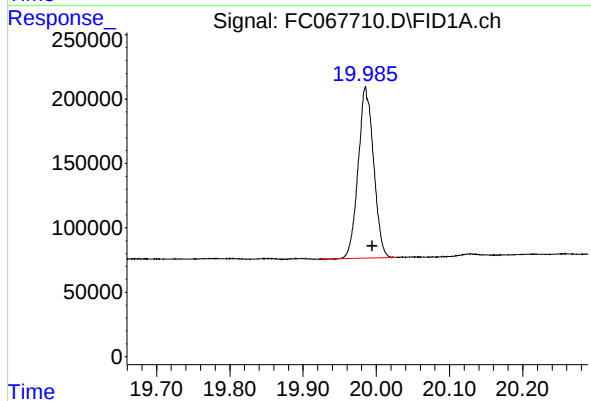
#18 n-Dotriacontane (C32)

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



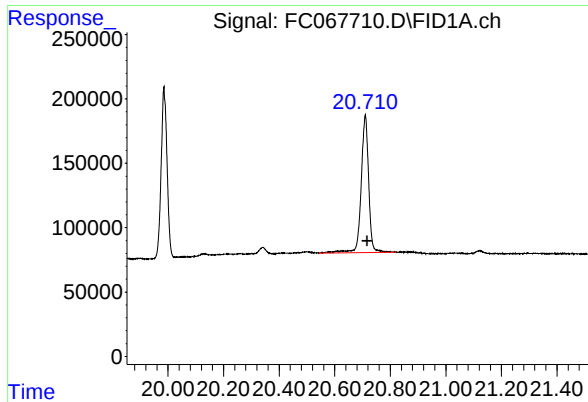
#19 n-Tetatriacontane (C34)

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



#20 n-Hexatriacontane (C36)

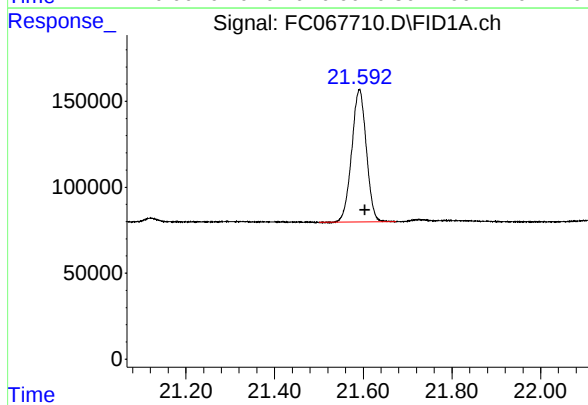
R.T.: 19.986 min  
Delta R.T.: -0.009 min  
Response: 1942199  
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

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

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

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