

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091623AL\  
 Data File : FC064585.D  
 Signal(s) : FID1A.ch  
 Acq On : 15 Sep 2023 09:58  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 16 00:26:44 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 15 01:25:53 2023  
 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)    | 11.501 | 3760106    | 18.583 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.17%       |
| 12) S 1-chlorooctadecane (S... | 12.936 | 2733993    | 18.770 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.54%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.298  | 3273572    | 18.524 ug/ml |
| 2) T n-Decane (C10)            | 4.357  | 3284996    | 18.286 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.936  | 3469976    | 18.471 ug/ml |
| 4) T n-Dodecane (C12)          | 6.368  | 3336395    | 18.368 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.991  | 3330523    | 18.676 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.157  | 3246290    | 18.295 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.753  | 3236485    | 18.005 ug/ml |
| 8) T n-Octadecane (C18)        | 11.189 | 3231541    | 17.848 ug/ml |
| 10) T n-Eicosane (C20)         | 12.493 | 3076931    | 18.063 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.103 | 3006986    | 18.155 ug/ml |
| 13) T n-Docosane (C22)         | 13.688 | 2930287    | 17.987 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.785 | 2817483    | 17.747 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.803 | 2698825    | 17.680 ug/ml |
| 16) T n-Octacosane (C28)       | 16.749 | 2595283    | 17.536 ug/ml |
| 17) T n-Tricontane (C30)       | 17.633 | 2565909    | 17.272 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.462 | 2520274    | 17.269 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.244 | 2470106    | 17.375 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.978 | 2465477    | 17.900 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.698 | 2442144    | 17.819 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.575 | 2427467    | 17.845 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

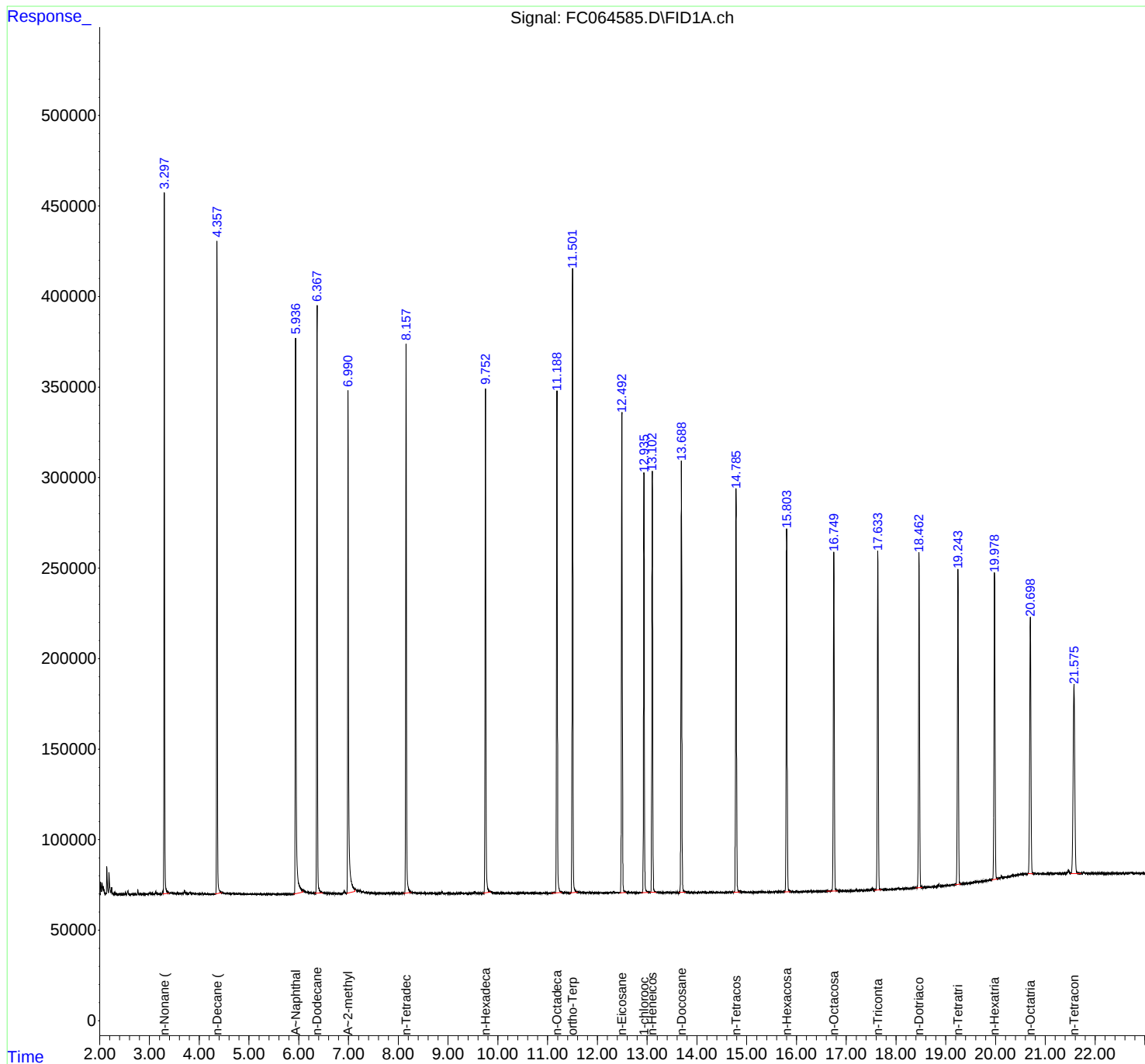
(m)=manual int.

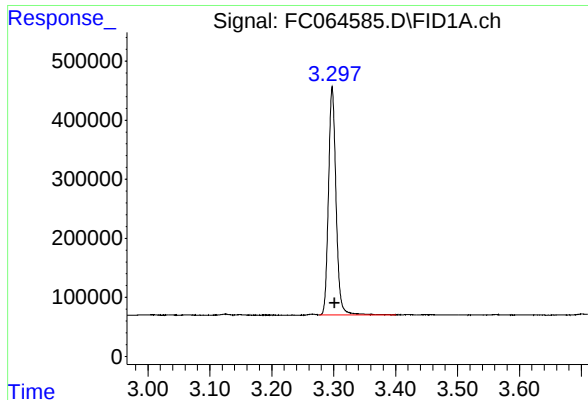
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091623AL\  
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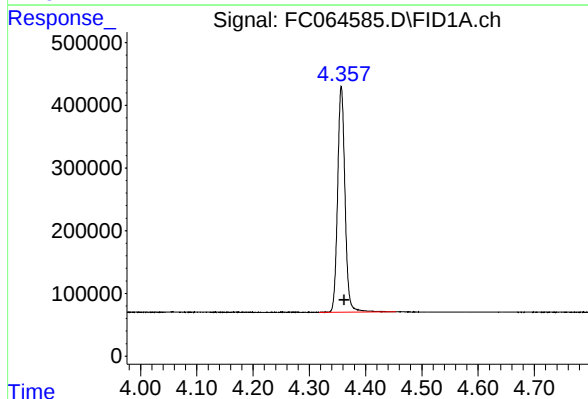




#1 n-Nonane (C9)

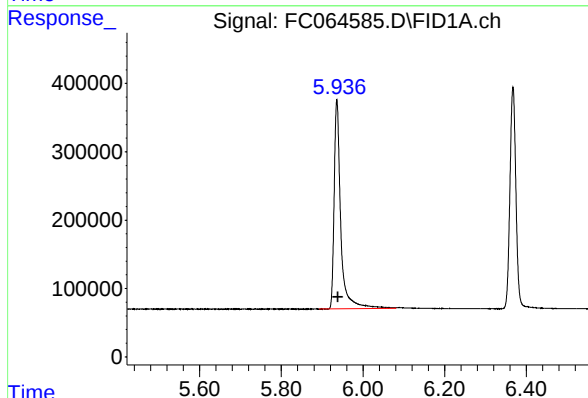
R.T.: 3.298 min  
Delta R.T.: -0.004 min  
Response: 3273572  
Conc: 18.52 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



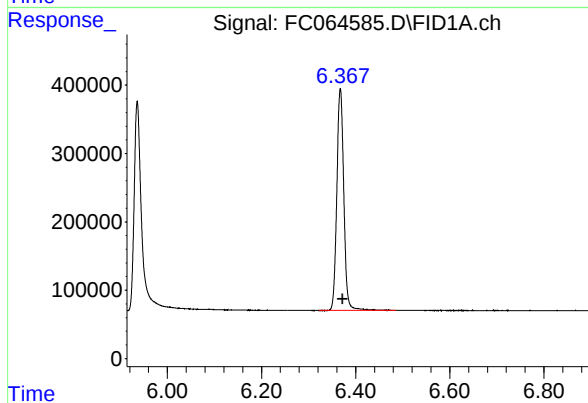
#2 n-Decane (C10)

R.T.: 4.357 min  
Delta R.T.: -0.005 min  
Response: 3284996  
Conc: 18.29 ug/ml



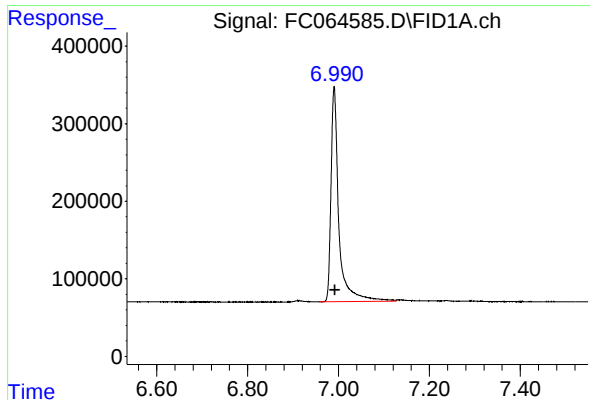
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min  
Delta R.T.: -0.003 min  
Response: 3469976  
Conc: 18.47 ug/ml



#4 n-Dodecane (C12)

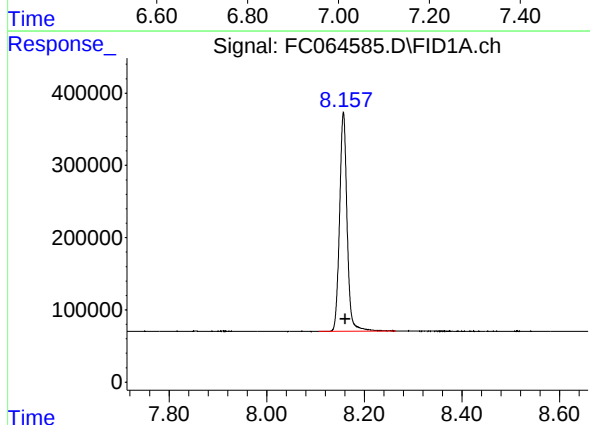
R.T.: 6.368 min  
Delta R.T.: -0.005 min  
Response: 3336395  
Conc: 18.37 ug/ml



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

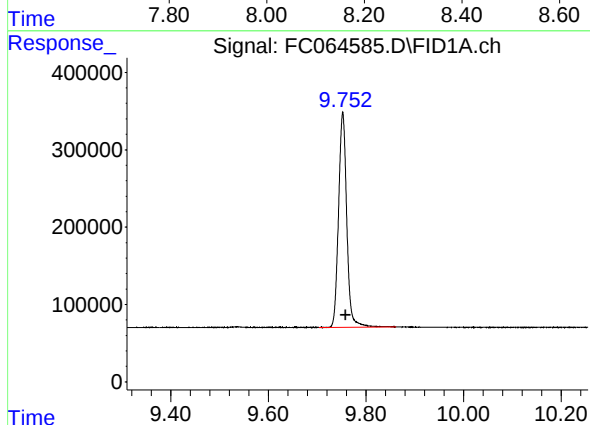
R.T.: 6.991 min  
Delta R.T.: -0.002 min  
Response: 3330523  
Conc: 18.68 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



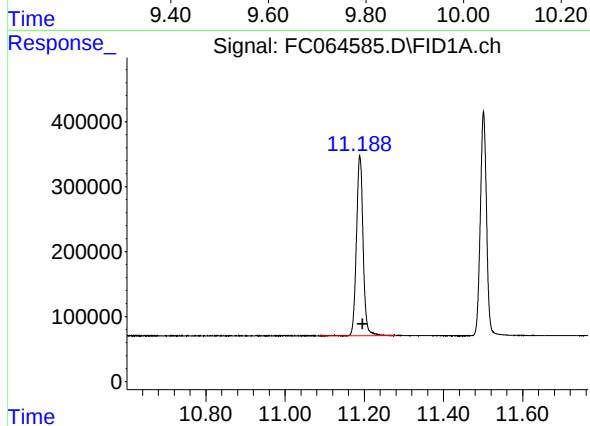
#6 n-Tetradecane (C14)

R.T.: 8.157 min  
Delta R.T.: -0.004 min  
Response: 3246290  
Conc: 18.30 ug/ml



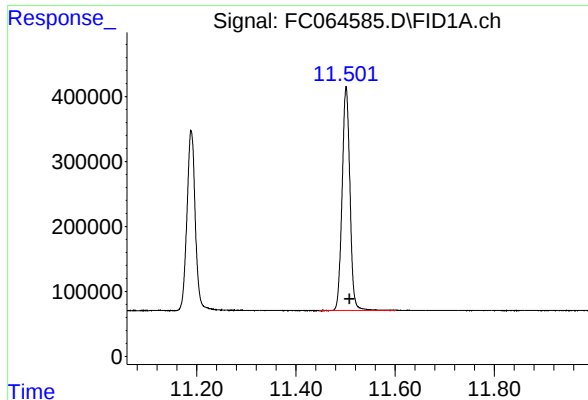
#7 n-Hexadecane (C16)

R.T.: 9.753 min  
Delta R.T.: -0.006 min  
Response: 3236485  
Conc: 18.00 ug/ml



#8 n-Octadecane (C18)

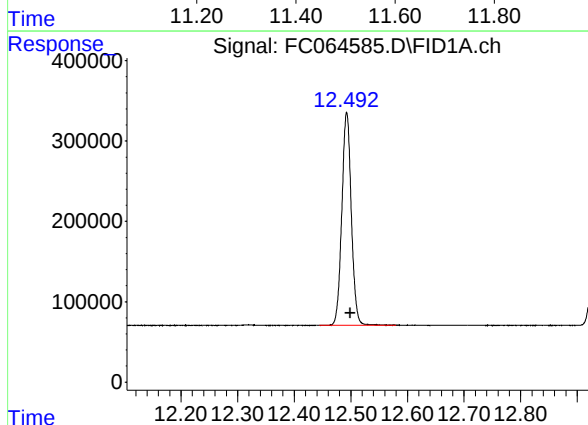
R.T.: 11.189 min  
Delta R.T.: -0.007 min  
Response: 3231541  
Conc: 17.85 ug/ml



#9 ortho-Terphenyl (SURR)

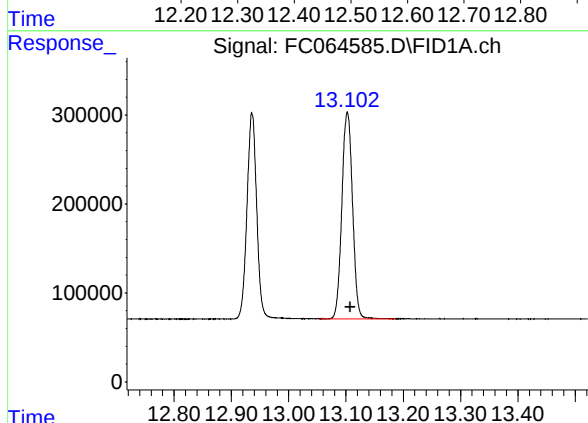
R.T.: 11.501 min  
Delta R.T.: -0.007 min  
Response: 3760106  
Conc: 18.58 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



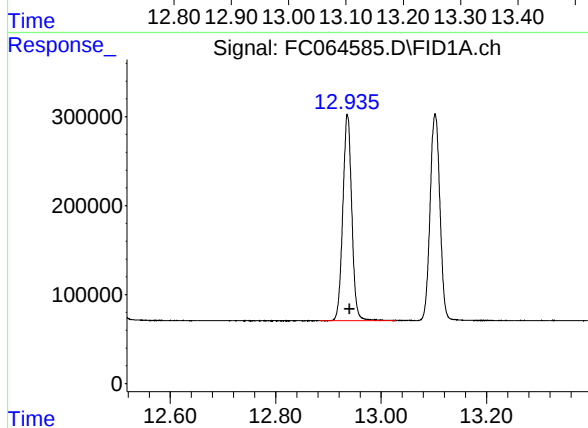
#10 n-Eicosane (C20)

R.T.: 12.493 min  
Delta R.T.: -0.006 min  
Response: 3076931  
Conc: 18.06 ug/ml



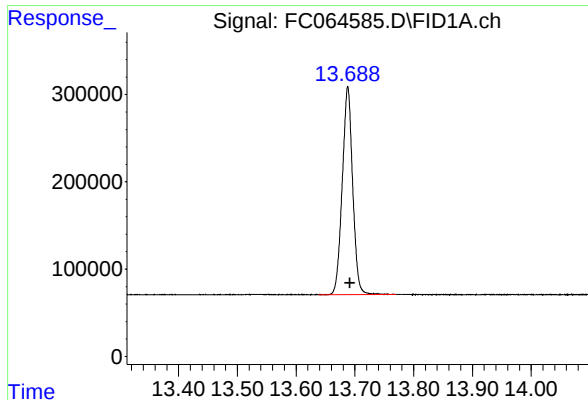
#11 n-Heneicosane (C21)

R.T.: 13.103 min  
Delta R.T.: -0.005 min  
Response: 3006986  
Conc: 18.16 ug/ml



#12 1-chlorooctadecane (SURR)

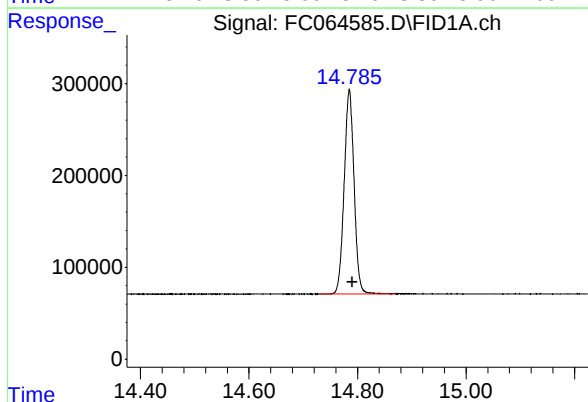
R.T.: 12.936 min  
Delta R.T.: -0.004 min  
Response: 2733993  
Conc: 18.77 ug/ml



#13 n-Docosane (C22)

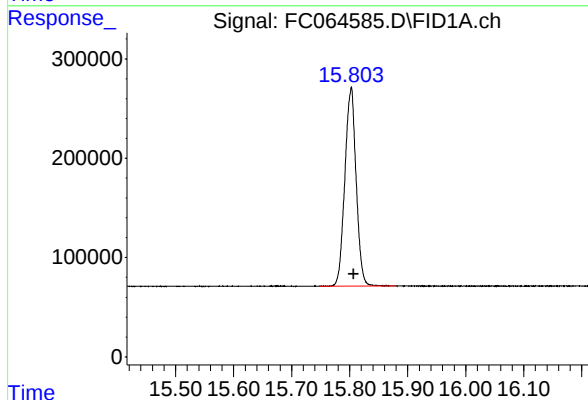
R.T.: 13.688 min  
Delta R.T.: -0.004 min  
Response: 2930287  
Conc: 17.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



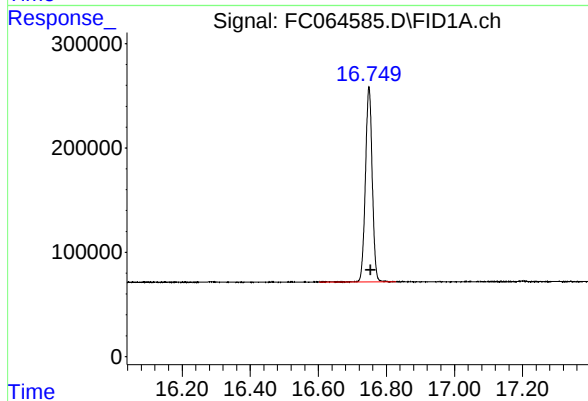
#14 n-Tetracosane (C24)

R.T.: 14.785 min  
Delta R.T.: -0.005 min  
Response: 2817483  
Conc: 17.75 ug/ml



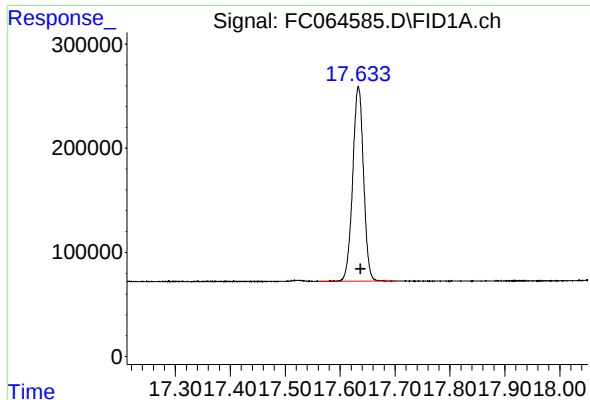
#15 n-Hexacosane (C26)

R.T.: 15.803 min  
Delta R.T.: -0.004 min  
Response: 2698825  
Conc: 17.68 ug/ml



#16 n-Octacosane (C28)

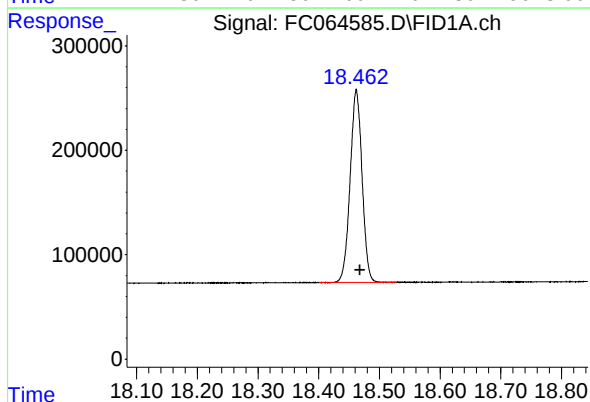
R.T.: 16.749 min  
Delta R.T.: -0.005 min  
Response: 2595283  
Conc: 17.54 ug/ml



#17 n-Tricontane (C30)

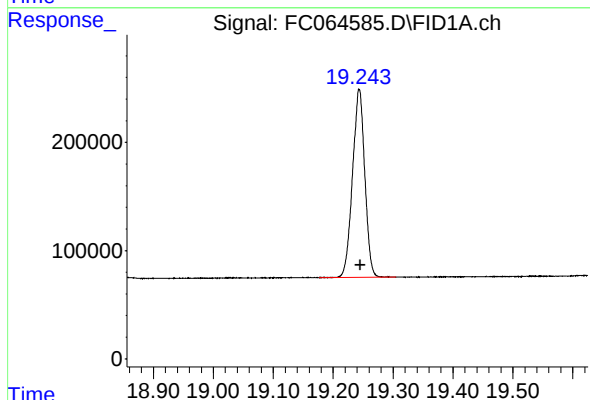
R.T.: 17.633 min  
Delta R.T.: -0.004 min  
Response: 2565909  
Conc: 17.27 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



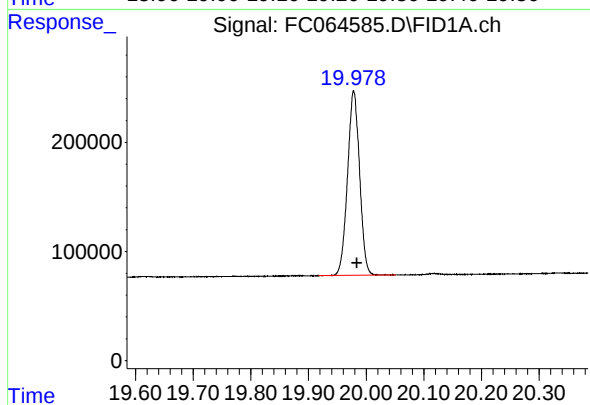
#18 n-Dotriacontane (C32)

R.T.: 18.462 min  
Delta R.T.: -0.006 min  
Response: 2520274  
Conc: 17.27 ug/ml



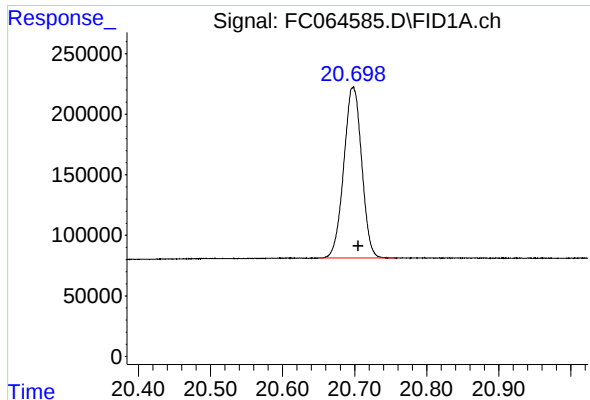
#19 n-Tetatriacontane (C34)

R.T.: 19.244 min  
Delta R.T.: -0.002 min  
Response: 2470106  
Conc: 17.37 ug/ml



#20 n-Hexatriacontane (C36)

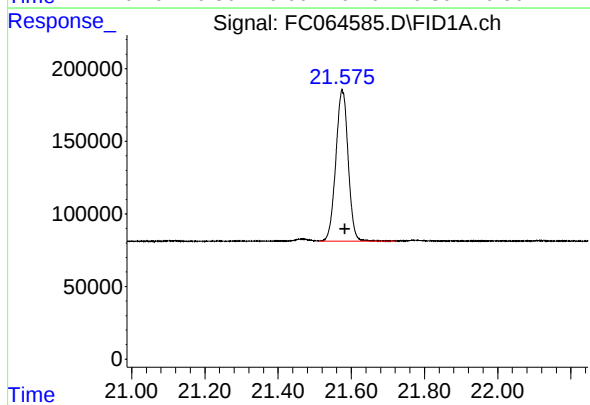
R.T.: 19.978 min  
Delta R.T.: -0.005 min  
Response: 2465477  
Conc: 17.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.698 min  
Delta R.T.: -0.007 min  
Response: 2442144  
Conc: 17.82 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.575 min  
Delta R.T.: -0.008 min  
Response: 2427467  
Conc: 17.85 ug/ml