

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG062023AL\  
 Data File : FG012243.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Jun 2023 13:53  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 20 14:35:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 062023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 20 13:47:29 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)    | 10.901 | 802822     | 5.389 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.78%      |
| 12) S 1-chlorooctadecane (S... | 12.340 | 592347     | 5.328 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.66%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 2.745  | 623807     | 5.339 ug/ml |
| 2) T n-Decane (C10)            | 3.755  | 640209     | 5.327 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.324  | 703254     | 5.165 ug/ml |
| 4) T n-Dodecane (C12)          | 5.745  | 656787     | 5.324 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.373  | 652402     | 4.988 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.538  | 644688     | 5.184 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.142  | 676990     | 5.170 ug/ml |
| 8) T n-Octadecane (C18)        | 10.584 | 712028     | 5.297 ug/ml |
| 10) T n-Eicosane (C20)         | 11.894 | 695494     | 5.369 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.507 | 678844     | 5.372 ug/ml |
| 13) T n-Docosane (C22)         | 13.094 | 667239     | 5.325 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.198 | 753383     | 5.854 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.220 | 638391     | 5.261 ug/ml |
| 16) T n-Octacosane (C28)       | 16.172 | 633208     | 5.297 ug/ml |
| 17) T n-Tricontane (C30)       | 17.061 | 664189     | 5.430 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.894 | 665732     | 5.508 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.679 | 636942     | 5.448 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.418 | 616609     | 5.446 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.157 | 618388     | 5.524 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.071 | 606363     | 5.455 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

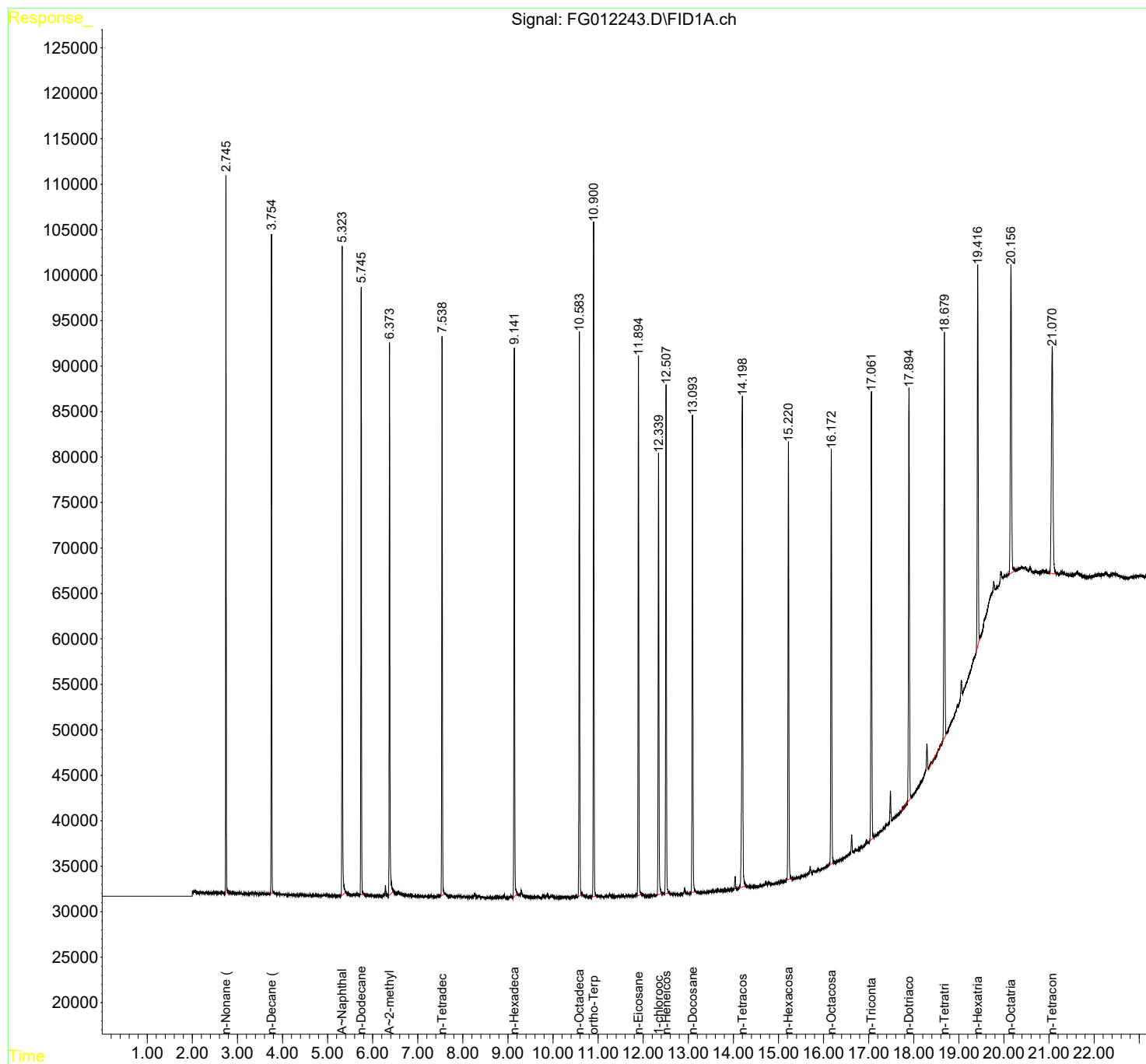
(m)=manual int.

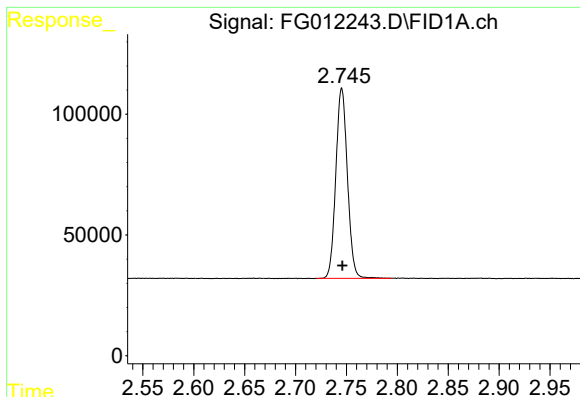
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG062023AL\  
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Acq On : 20 Jun 2023 13:53  
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Sample : 5 PPM ALIPHATIC HC STD5  
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ALS Vial : 65 Sample Multiplier: 1

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QLast Update : Tue Jun 20 13:47:29 2023  
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Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um

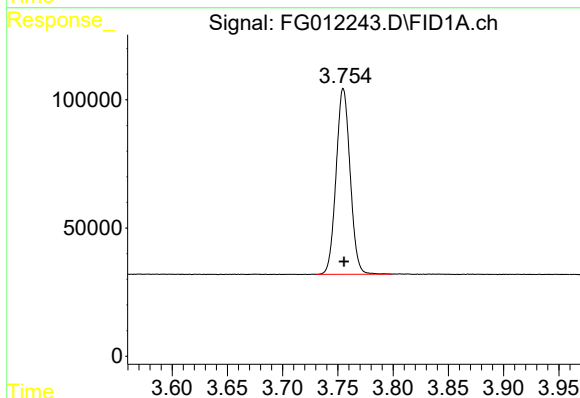




#1 n-Nonane (C9)

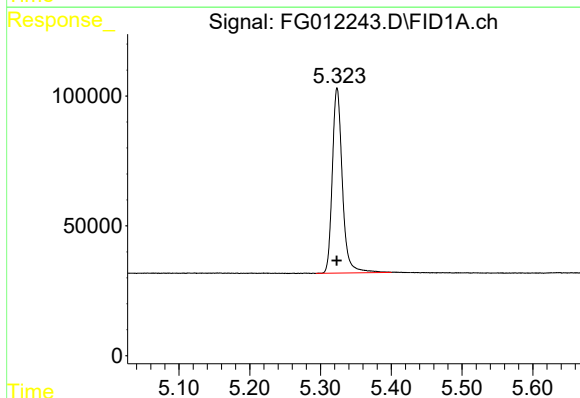
R.T.: 2.745 min  
Delta R.T.: 0.000 min  
Response: 623807  
Conc: 5.34 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



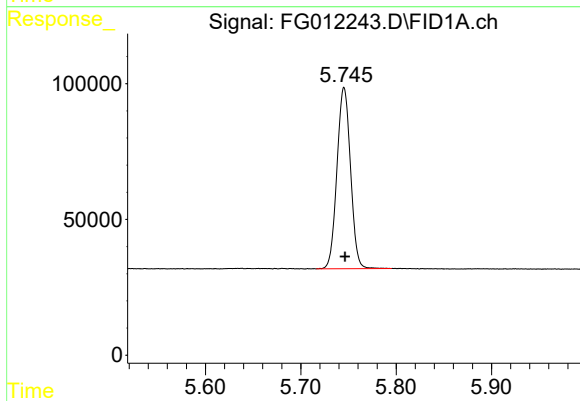
#2 n-Decane (C10)

R.T.: 3.755 min  
Delta R.T.: 0.000 min  
Response: 640209  
Conc: 5.33 ug/ml



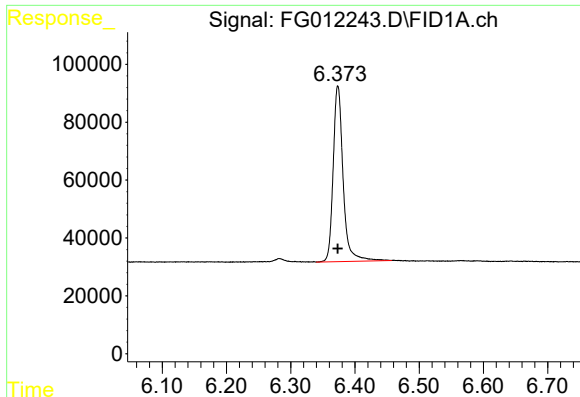
#3 A~Naphthalene (C11.7)

R.T.: 5.324 min  
Delta R.T.: 0.000 min  
Response: 703254  
Conc: 5.17 ug/ml



#4 n-Dodecane (C12)

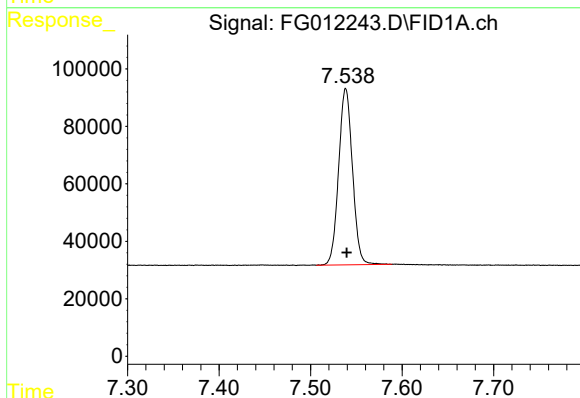
R.T.: 5.745 min  
Delta R.T.: 0.000 min  
Response: 656787  
Conc: 5.32 ug/ml



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

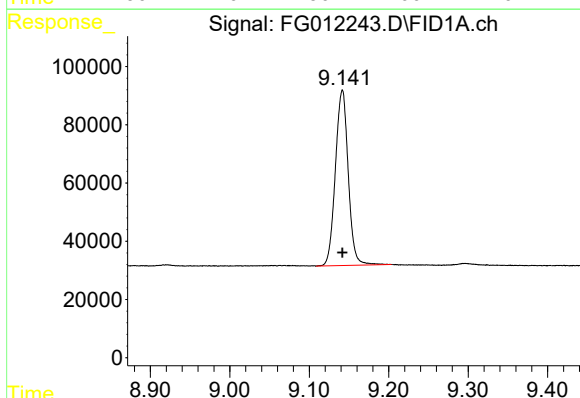
R.T.: 6.373 min  
Delta R.T.: 0.000 min  
Response: 652402  
Conc: 4.99 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



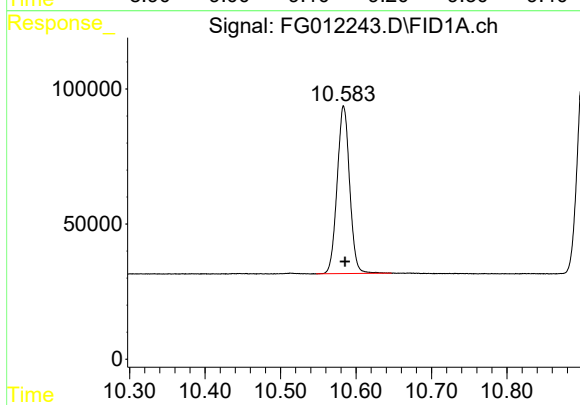
#6 n-Tetradecane (C14)

R.T.: 7.538 min  
Delta R.T.: -0.001 min  
Response: 644688  
Conc: 5.18 ug/ml



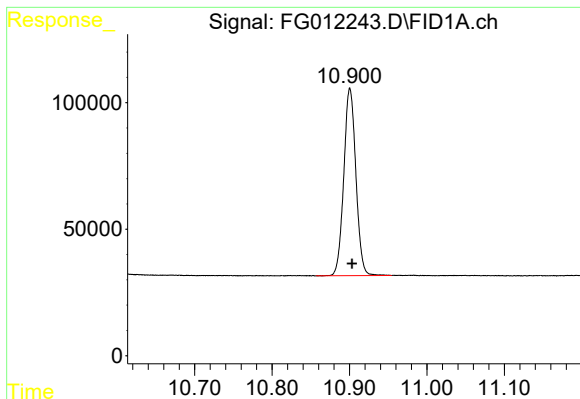
#7 n-Hexadecane (C16)

R.T.: 9.142 min  
Delta R.T.: 0.000 min  
Response: 676990  
Conc: 5.17 ug/ml



#8 n-Octadecane (C18)

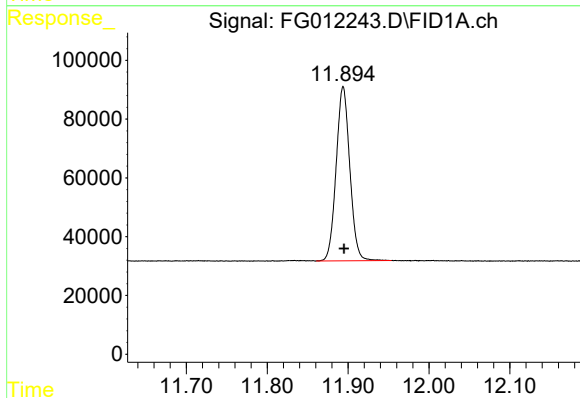
R.T.: 10.584 min  
Delta R.T.: -0.002 min  
Response: 712028  
Conc: 5.30 ug/ml



#9 ortho-Terphenyl (SURR)

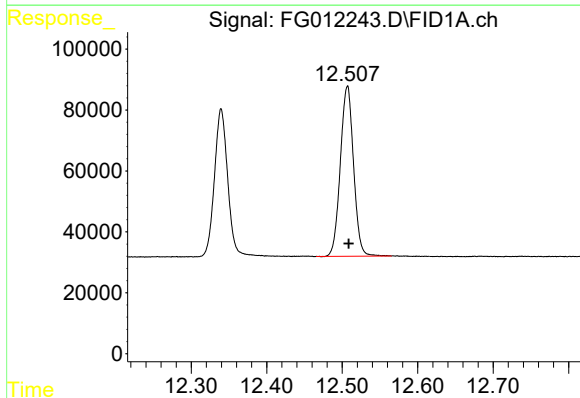
R.T.: 10.901 min  
Delta R.T.: -0.003 min  
Response: 802822  
Conc: 5.39 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



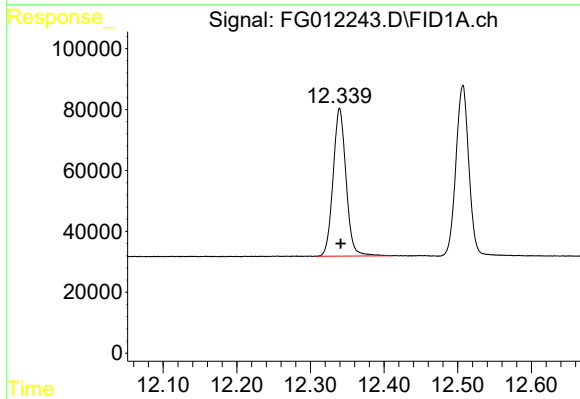
#10 n-Eicosane (C20)

R.T.: 11.894 min  
Delta R.T.: -0.001 min  
Response: 695494  
Conc: 5.37 ug/ml



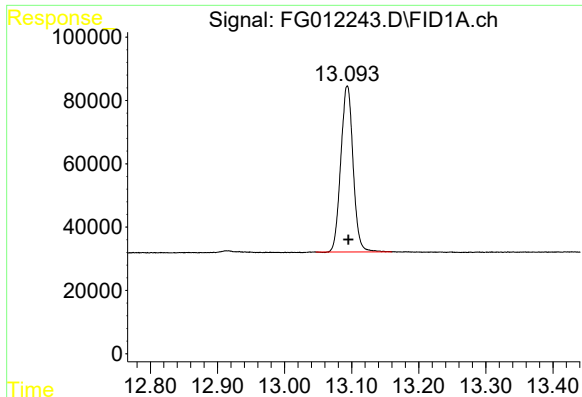
#11 n-Heneicosane (C21)

R.T.: 12.507 min  
Delta R.T.: -0.002 min  
Response: 678844  
Conc: 5.37 ug/ml



#12 1-chlorooctadecane (SURR)

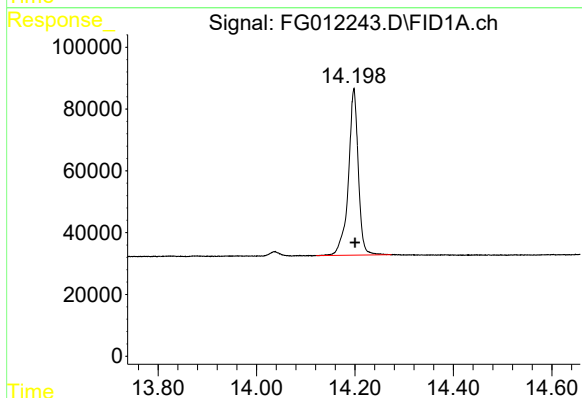
R.T.: 12.340 min  
Delta R.T.: -0.001 min  
Response: 592347  
Conc: 5.33 ug/ml



#13 n-Docosane (C22)

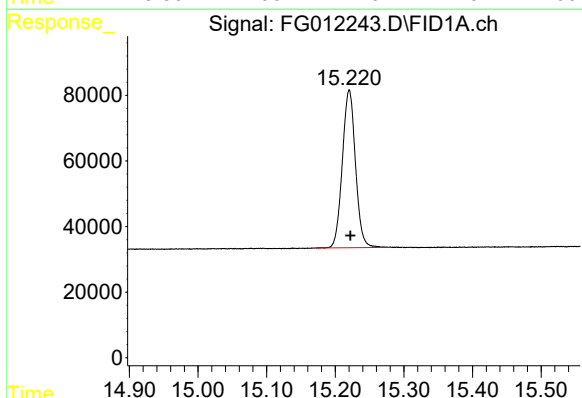
R.T.: 13.094 min  
Delta R.T.: -0.002 min  
Response: 667239  
Conc: 5.32 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



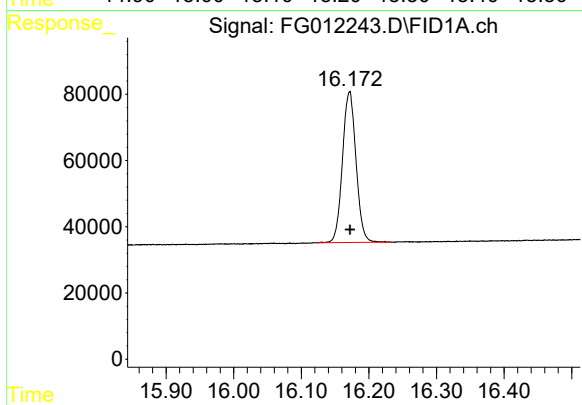
#14 n-Tetracosane (C24)

R.T.: 14.198 min  
Delta R.T.: -0.002 min  
Response: 753383  
Conc: 5.85 ug/ml



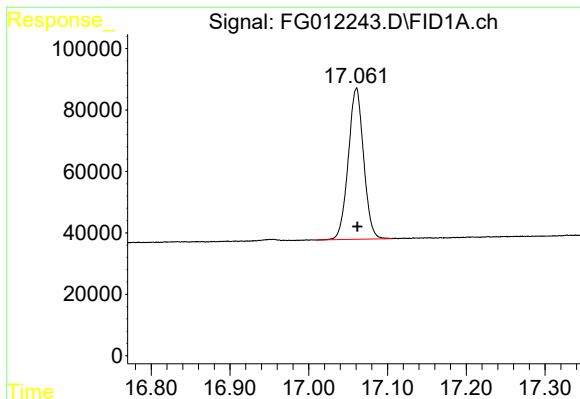
#15 n-Hexacosane (C26)

R.T.: 15.220 min  
Delta R.T.: -0.002 min  
Response: 638391  
Conc: 5.26 ug/ml



#16 n-Octacosane (C28)

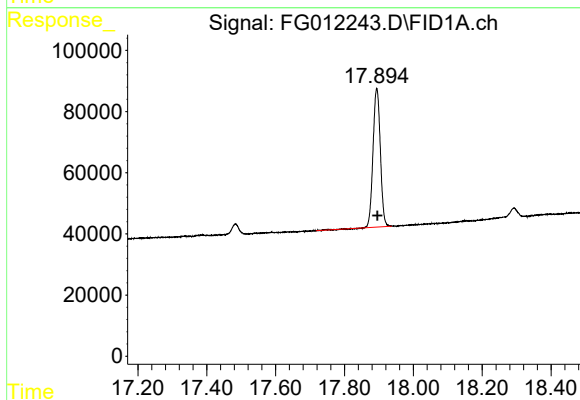
R.T.: 16.172 min  
Delta R.T.: 0.000 min  
Response: 633208  
Conc: 5.30 ug/ml



#17 n-Tricontane (C30)

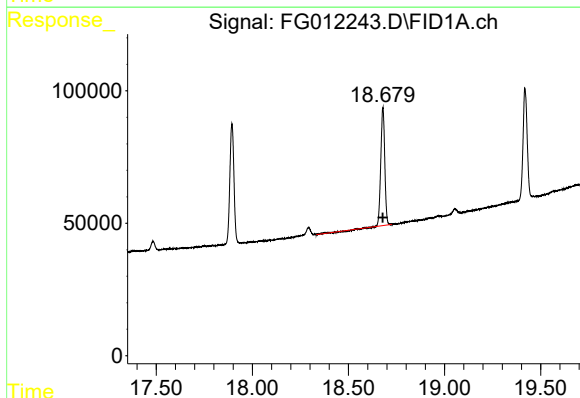
R.T.: 17.061 min  
Delta R.T.: -0.001 min  
Response: 664189  
Conc: 5.43 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



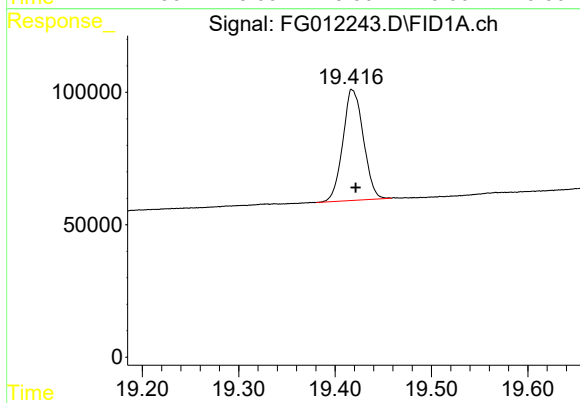
#18 n-Dotriacontane (C32)

R.T.: 17.894 min  
Delta R.T.: -0.001 min  
Response: 665732  
Conc: 5.51 ug/ml



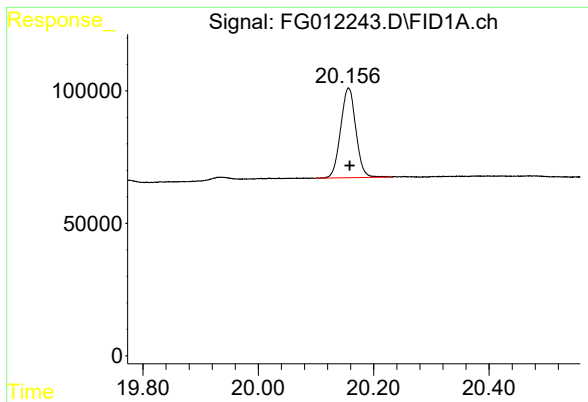
#19 n-Tetratriacontane (C34)

R.T.: 18.679 min  
Delta R.T.: 0.000 min  
Response: 636942  
Conc: 5.45 ug/ml



#20 n-Hexatriacontane (C36)

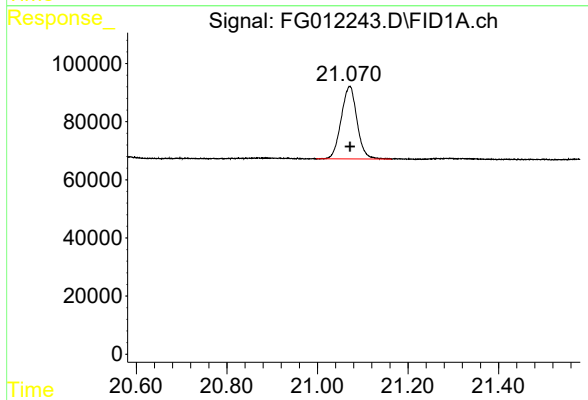
R.T.: 19.418 min  
Delta R.T.: -0.004 min  
Response: 616609  
Conc: 5.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.157 min  
Delta R.T.: -0.002 min  
Response: 618388  
Conc: 5.52 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.071 min  
Delta R.T.: 0.000 min  
Response: 606363  
Conc: 5.46 ug/ml