

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052425AL\  
 Data File : FC068999.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 May 2025 14:50  
 Operator : YP/AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: May 27 01:39:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 27 01:38:24 2025  
 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)    | 11.710 | 5735770    | 45.095 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 90.19%       |
| 12) S 1-chlorooctadecane (S... | 13.142 | 4189240    | 45.105 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 90.21%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.442  | 4910353    | 44.811 ug/ml |
| 2) T n-Decane (C10)            | 4.517  | 4908051    | 44.909 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.114  | 5384589    | 45.012 ug/ml |
| 4) T n-Dodecane (C12)          | 6.542  | 4879416    | 44.864 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.172  | 5298561    | 45.049 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.339  | 4738420    | 44.571 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.942  | 4671350    | 44.340 ug/ml |
| 8) T n-Octadecane (C18)        | 11.386 | 4610111    | 44.383 ug/ml |
| 10) T n-Eicosane (C20)         | 12.696 | 4512214    | 44.670 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.309 | 4469946    | 44.846 ug/ml |
| 13) T n-Docosane (C22)         | 13.895 | 4429124    | 44.881 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.998 | 4378633    | 44.947 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.020 | 4321328    | 45.033 ug/ml |
| 16) T n-Octacosane (C28)       | 16.971 | 4285093    | 44.921 ug/ml |
| 17) T n-Tricontane (C30)       | 17.860 | 4377001    | 44.485 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.694 | 4437356    | 44.334 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.479 | 4364158    | 44.697 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.220 | 4379219    | 45.203 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.994 | 4251275    | 45.389 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.970 | 4118278    | 45.267 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

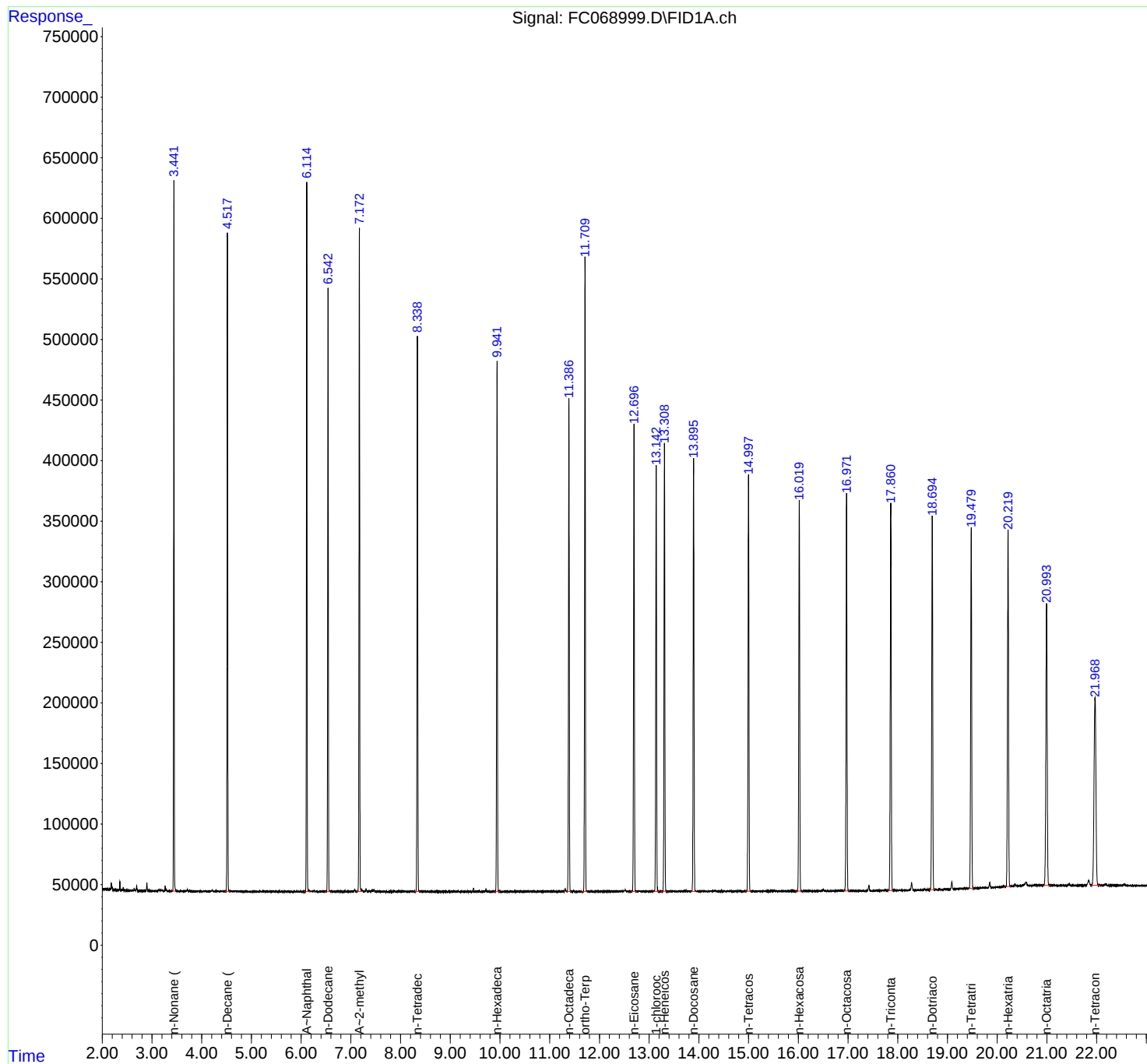
(m)=manual int.

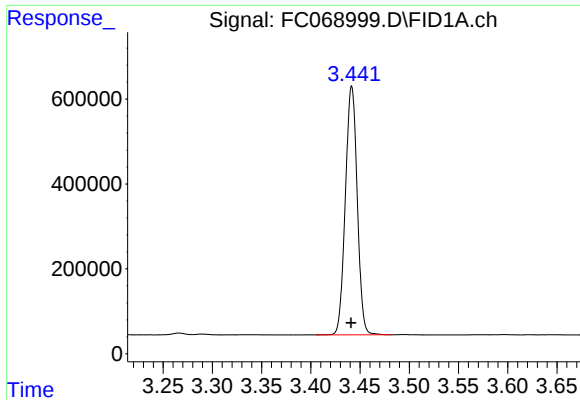
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052425AL\  
Data File : FC068999.D  
Signal(s) : FID1A.ch  
Acq On : 23 May 2025 14:50  
Operator : YP/AJ  
Sample : 50 PPM ALIPHATIC HC STD2  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
Quant Time: May 27 01:39:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052425.M  
Quant Title : GC Extractables  
QLast Update : Tue May 27 01:38:24 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

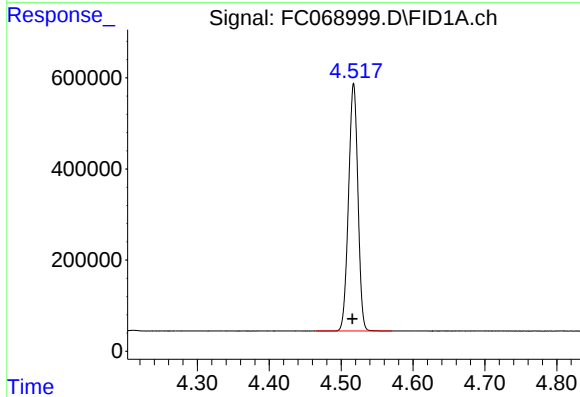




#1 n-Nonane (C9)

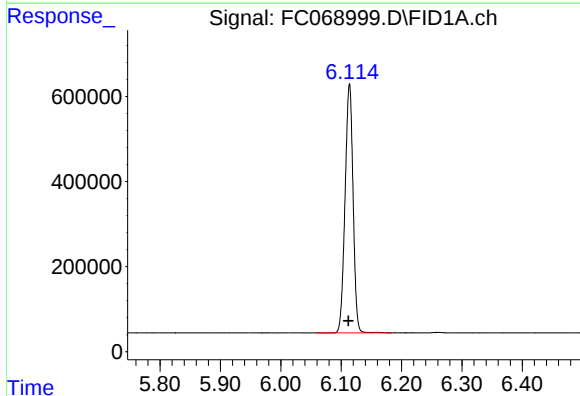
R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 4910353  
Conc: 44.81 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



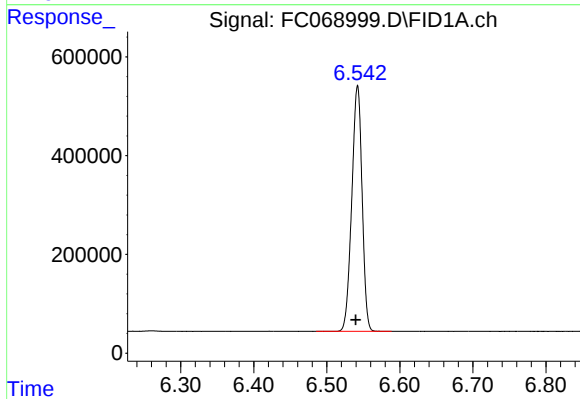
#2 n-Decane (C10)

R.T.: 4.517 min  
Delta R.T.: 0.002 min  
Response: 4908051  
Conc: 44.91 ug/ml



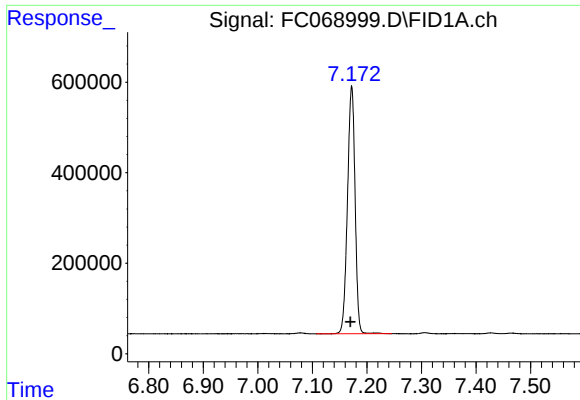
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min  
Delta R.T.: 0.002 min  
Response: 5384589  
Conc: 45.01 ug/ml



#4 n-Dodecane (C12)

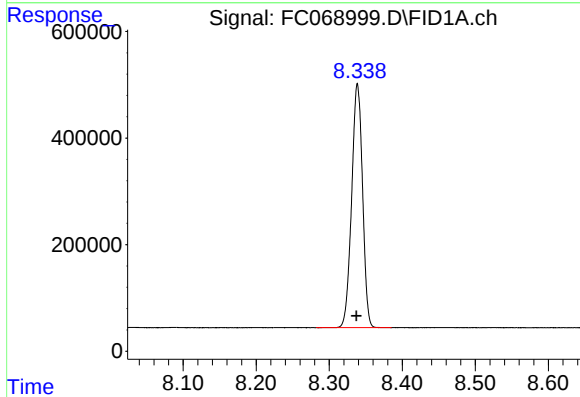
R.T.: 6.542 min  
Delta R.T.: 0.002 min  
Response: 4879416  
Conc: 44.86 ug/ml



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

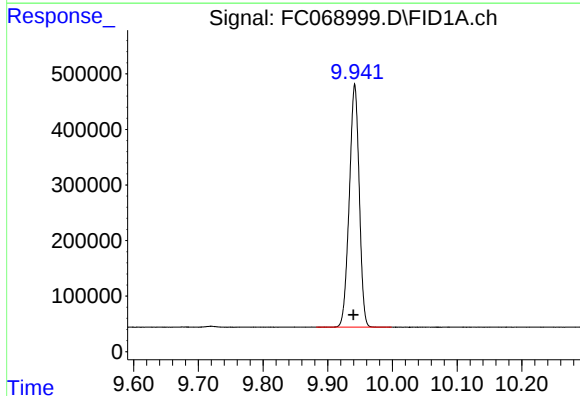
R.T.: 7.172 min  
Delta R.T.: 0.002 min  
Response: 5298561  
Conc: 45.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



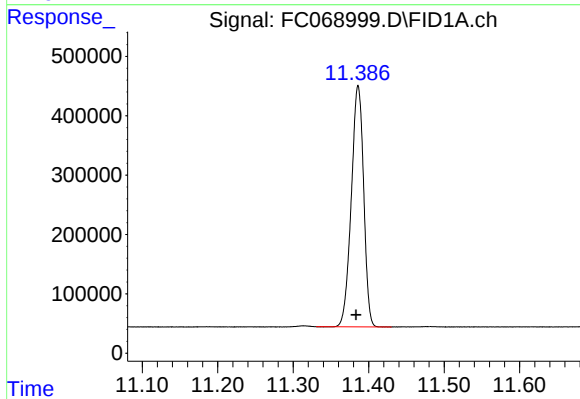
#6 n-Tetradecane (C14)

R.T.: 8.339 min  
Delta R.T.: 0.002 min  
Response: 4738420  
Conc: 44.57 ug/ml



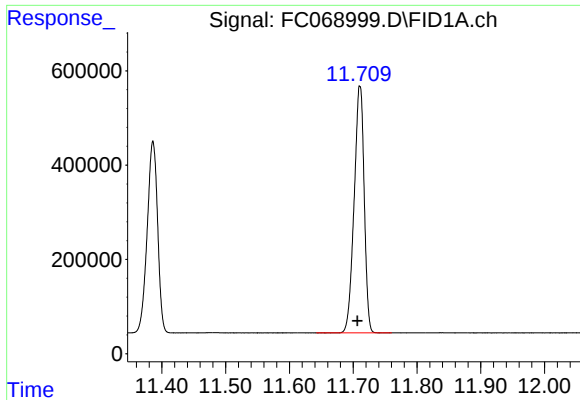
#7 n-Hexadecane (C16)

R.T.: 9.942 min  
Delta R.T.: 0.002 min  
Response: 4671350  
Conc: 44.34 ug/ml



#8 n-Octadecane (C18)

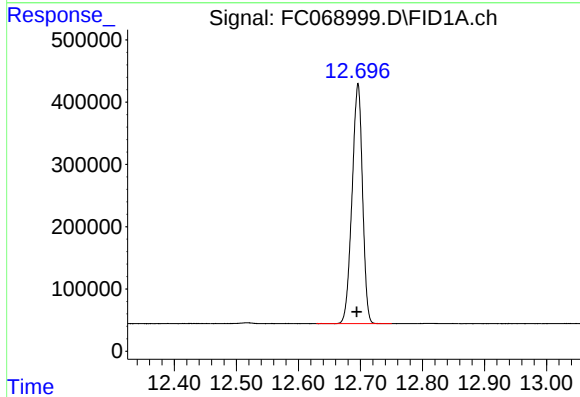
R.T.: 11.386 min  
Delta R.T.: 0.003 min  
Response: 4610111  
Conc: 44.38 ug/ml



#9 ortho-Terphenyl (SURR)

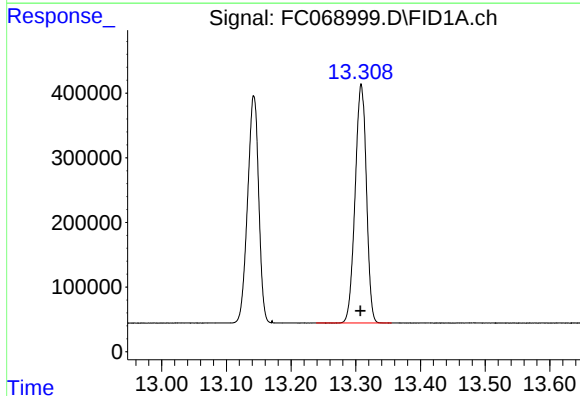
R.T.: 11.710 min  
Delta R.T.: 0.004 min  
Response: 5735770  
Conc: 45.10 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



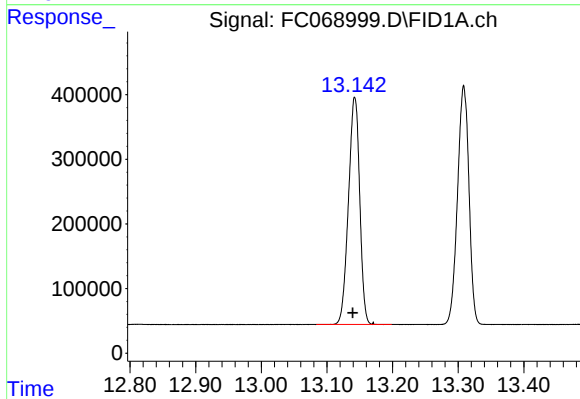
#10 n-Eicosane (C20)

R.T.: 12.696 min  
Delta R.T.: 0.002 min  
Response: 4512214  
Conc: 44.67 ug/ml



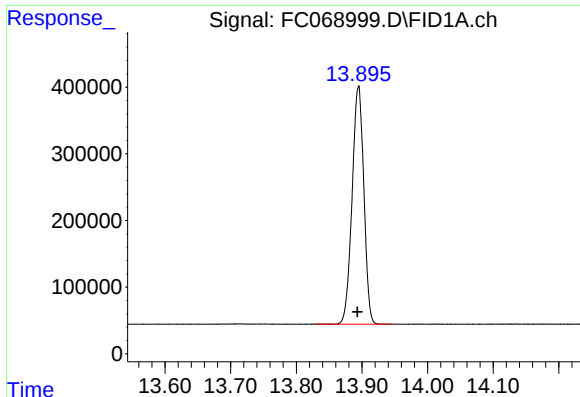
#11 n-Heneicosane (C21)

R.T.: 13.309 min  
Delta R.T.: 0.002 min  
Response: 4469946  
Conc: 44.85 ug/ml



#12 1-chlorooctadecane (SURR)

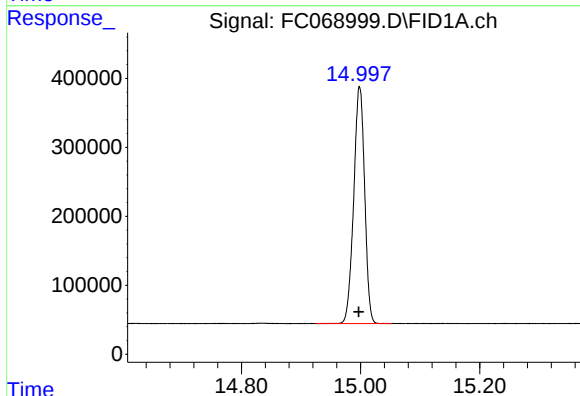
R.T.: 13.142 min  
Delta R.T.: 0.003 min  
Response: 4189240  
Conc: 45.11 ug/ml



#13 n-Docosane (C22)

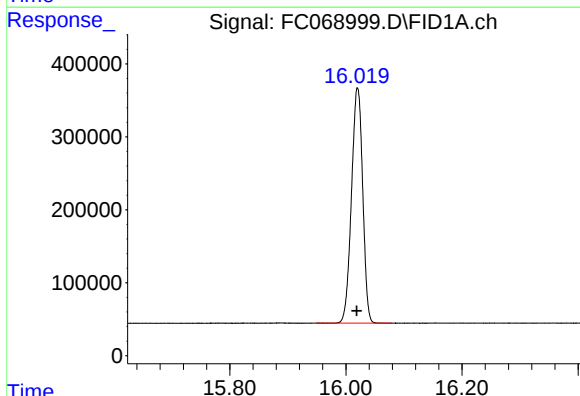
R.T.: 13.895 min  
Delta R.T.: 0.001 min  
Response: 4429124  
Conc: 44.88 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



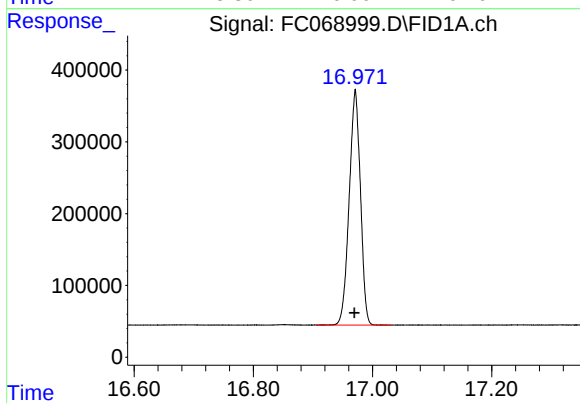
#14 n-Tetracosane (C24)

R.T.: 14.998 min  
Delta R.T.: 0.001 min  
Response: 4378633  
Conc: 44.95 ug/ml



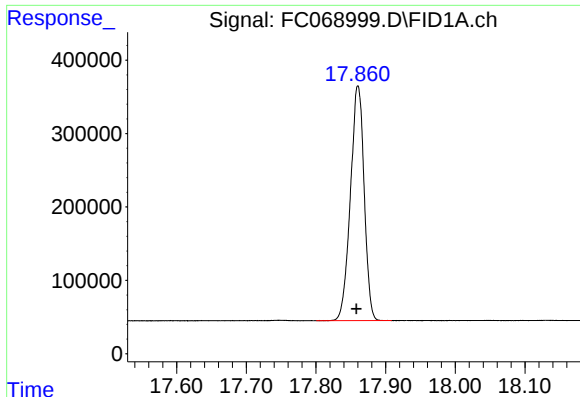
#15 n-Hexacosane (C26)

R.T.: 16.020 min  
Delta R.T.: 0.002 min  
Response: 4321328  
Conc: 45.03 ug/ml



#16 n-Octacosane (C28)

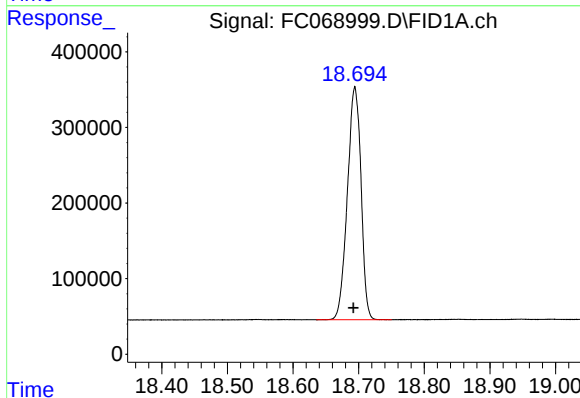
R.T.: 16.971 min  
Delta R.T.: 0.001 min  
Response: 4285093  
Conc: 44.92 ug/ml



#17 n-Tricontane (C30)

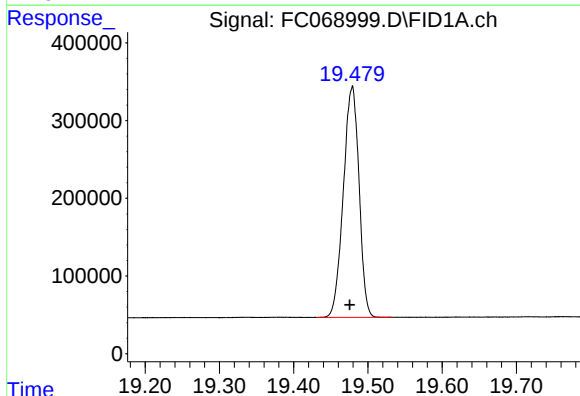
R.T.: 17.860 min  
Delta R.T.: 0.003 min  
Response: 4377001  
Conc: 44.49 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



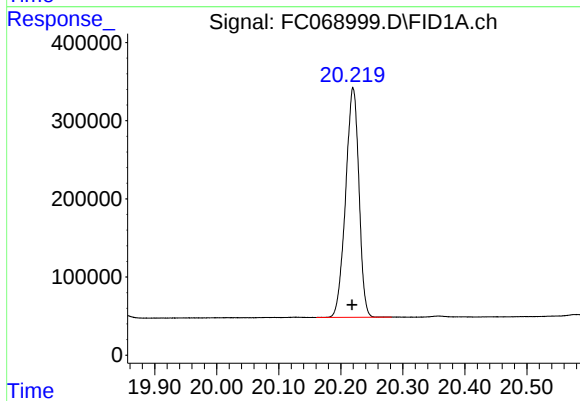
#18 n-Dotriacontane (C32)

R.T.: 18.694 min  
Delta R.T.: 0.002 min  
Response: 4437356  
Conc: 44.33 ug/ml



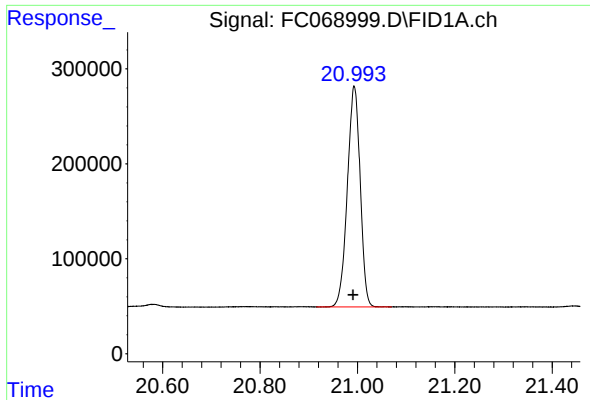
#19 n-Tetratriacontane (C34)

R.T.: 19.479 min  
Delta R.T.: 0.003 min  
Response: 4364158  
Conc: 44.70 ug/ml



#20 n-Hexatriacontane (C36)

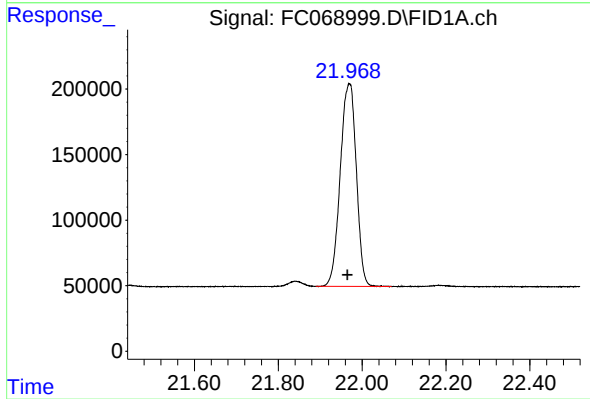
R.T.: 20.220 min  
Delta R.T.: 0.002 min  
Response: 4379219  
Conc: 45.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.994 min  
Delta R.T.: 0.003 min  
Response: 4251275  
Conc: 45.39 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.970 min  
Delta R.T.: 0.005 min  
Response: 4118278  
Conc: 45.27 ug/ml