

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121323AL\  
 Data File : FC065438.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Dec 2023 04:15  
 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: Dec 14 04:46:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 112423.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 24 13:28:29 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)    | 11.500 | 4346572    | 18.735 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.47%       |
| 12) S 1-chlorooctadecane (S... | 12.932 | 3194654    | 19.293 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.59%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.300  | 3620656    | 18.082 ug/ml |
| 2) T n-Decane (C10)            | 4.359  | 3772997    | 18.772 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.940  | 3793022    | 18.682 ug/ml |
| 4) T n-Dodecane (C12)          | 6.369  | 3834745    | 18.857 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.994  | 3651068    | 18.785 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.158  | 3764311    | 18.941 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.752  | 3786830    | 19.117 ug/ml |
| 8) T n-Octadecane (C18)        | 11.187 | 3762855    | 18.998 ug/ml |
| 10) T n-Eicosane (C20)         | 12.489 | 3607612    | 19.064 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.098 | 3498558    | 18.934 ug/ml |
| 13) T n-Docosane (C22)         | 13.681 | 3500922    | 19.405 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.778 | 3497508    | 20.173 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.794 | 3466494    | 20.818 ug/ml |
| 16) T n-Octacosane (C28)       | 16.740 | 3499111    | 21.877 ug/ml |
| 17) T n-Tricontane (C30)       | 17.625 | 3689853    | 23.173 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.452 | 3650486    | 23.221 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.232 | 3353905    | 21.734 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.969 | 3155921    | 20.588 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.687 | 3132861    | 20.603 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.560 | 2872619    | 19.163 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

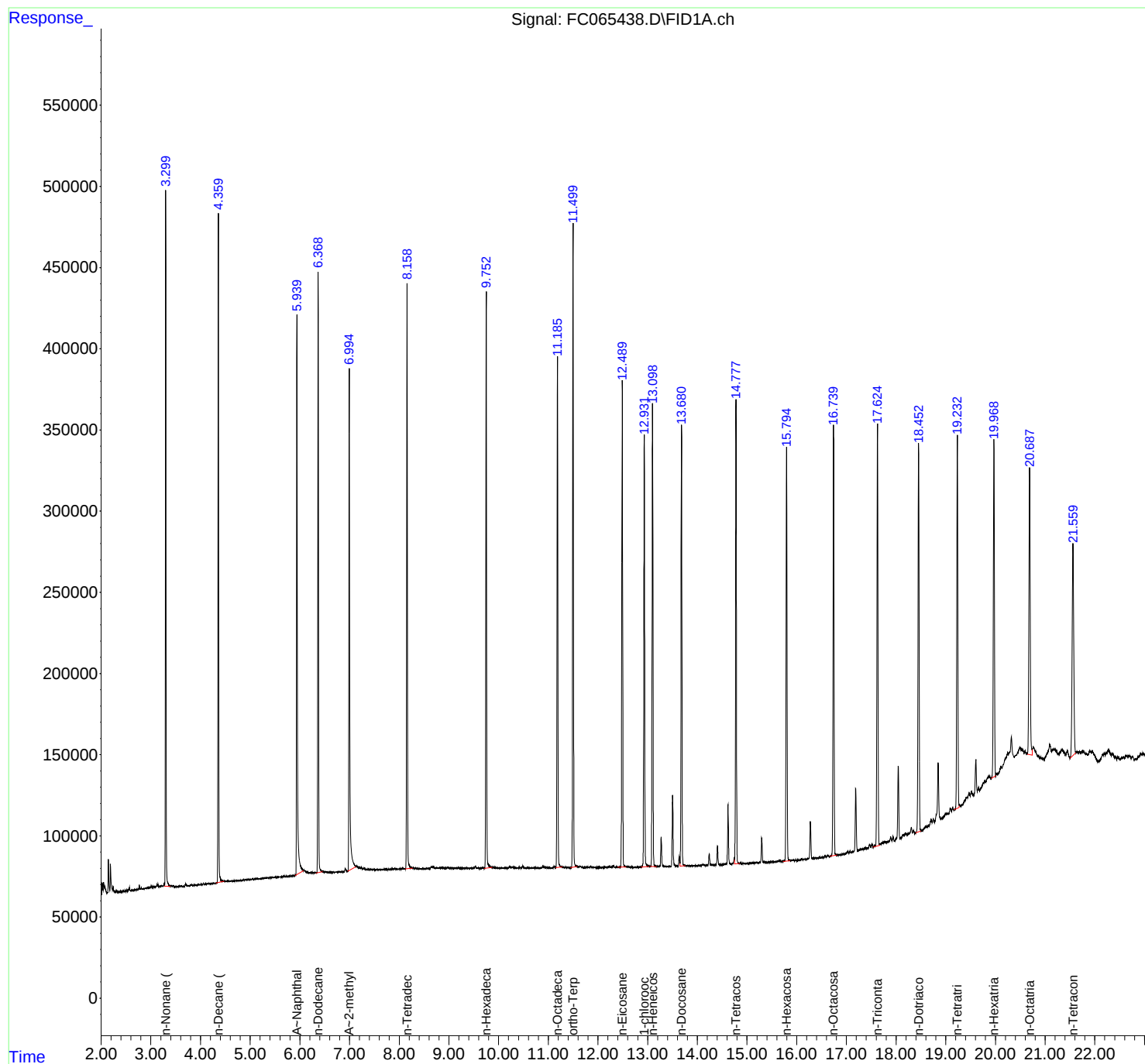
(m)=manual int.

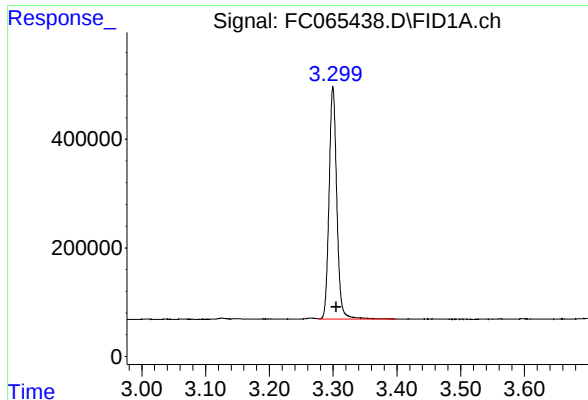
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121323AL\  
Data File : FC065438.D  
Signal(s) : FID1A.ch  
Acq On : 14 Dec 2023 04:15  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Dec 14 04:46:58 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 112423.M  
Quant Title : GC Extractables  
QLast Update : Fri Nov 24 13:28:29 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

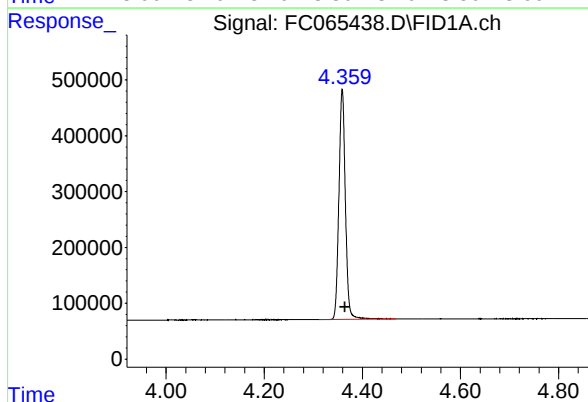




#1 n-Nonane (C9)

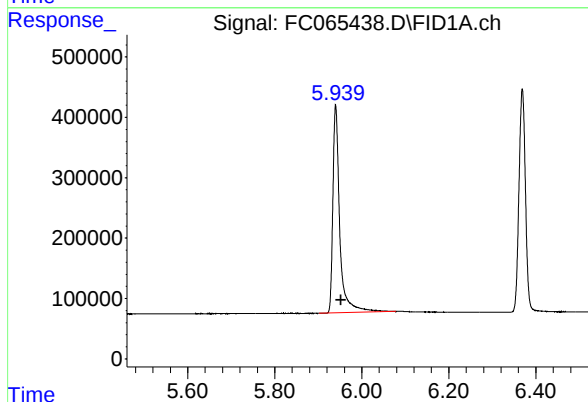
R.T.: 3.300 min  
Delta R.T.: -0.005 min  
Response: 3620656  
Conc: 18.08 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



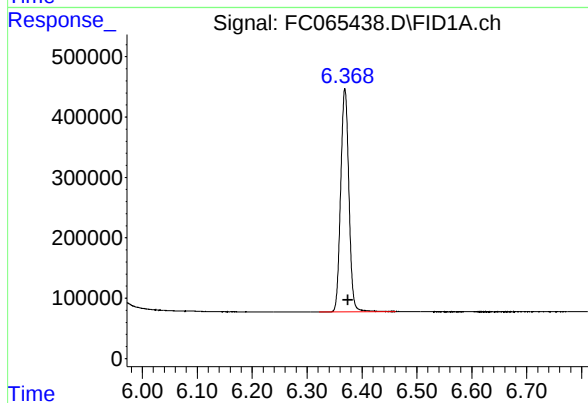
#2 n-Decane (C10)

R.T.: 4.359 min  
Delta R.T.: -0.006 min  
Response: 3772997  
Conc: 18.77 ug/ml



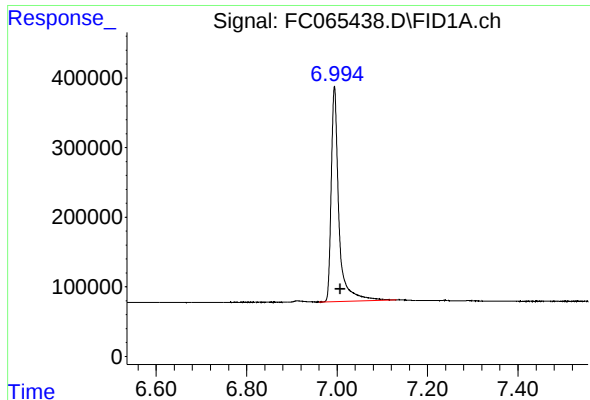
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min  
Delta R.T.: -0.012 min  
Response: 3793022  
Conc: 18.68 ug/ml



#4 n-Dodecane (C12)

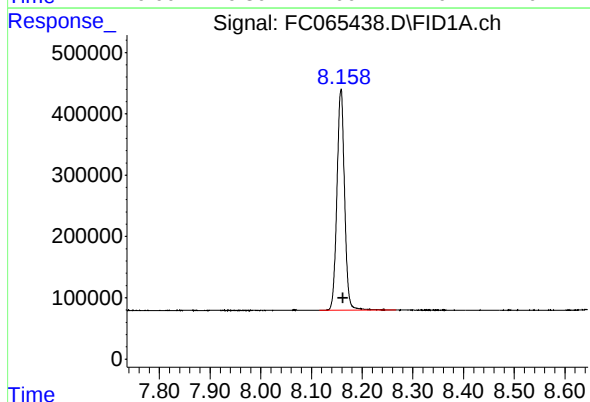
R.T.: 6.369 min  
Delta R.T.: -0.005 min  
Response: 3834745  
Conc: 18.86 ug/ml



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

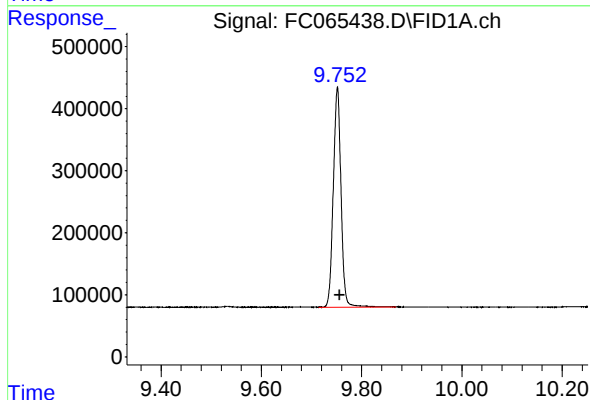
R.T.: 6.994 min  
Delta R.T.: -0.012 min  
Response: 3651068  
Conc: 18.78 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



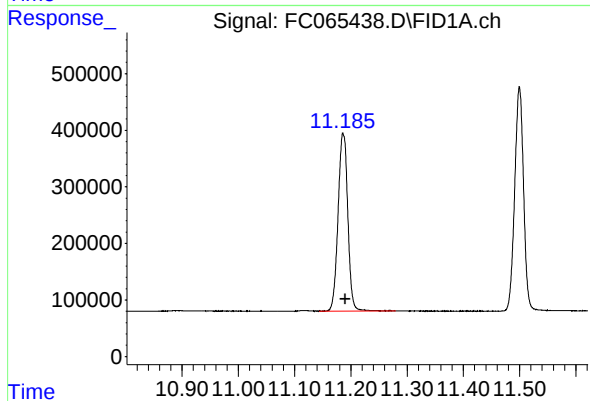
#6 n-Tetradecane (C14)

R.T.: 8.158 min  
Delta R.T.: -0.004 min  
Response: 3764311  
Conc: 18.94 ug/ml



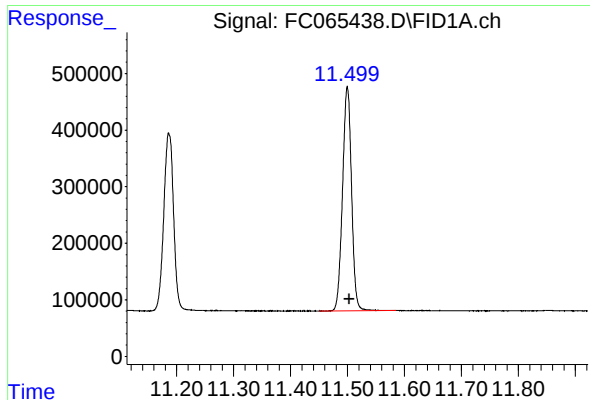
#7 n-Hexadecane (C16)

R.T.: 9.752 min  
Delta R.T.: -0.004 min  
Response: 3786830  
Conc: 19.12 ug/ml



#8 n-Octadecane (C18)

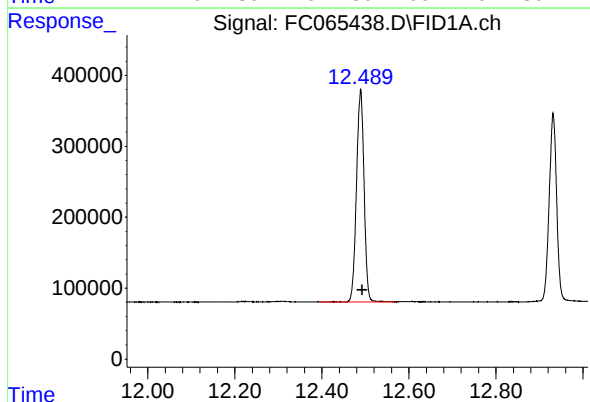
R.T.: 11.187 min  
Delta R.T.: -0.004 min  
Response: 3762855  
Conc: 19.00 ug/ml



#9 ortho-Terphenyl (SURR)

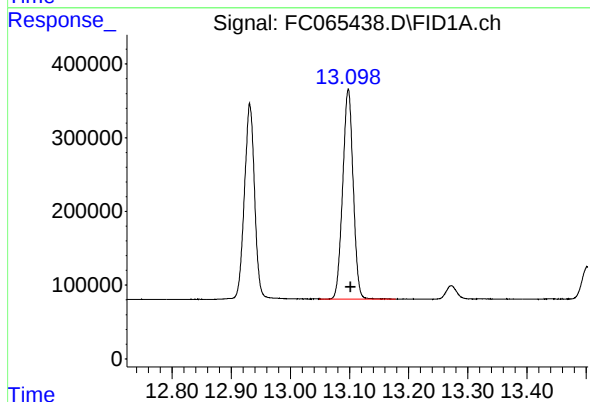
R.T.: 11.500 min  
Delta R.T.: -0.003 min  
Response: 4346572  
Conc: 18.73 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



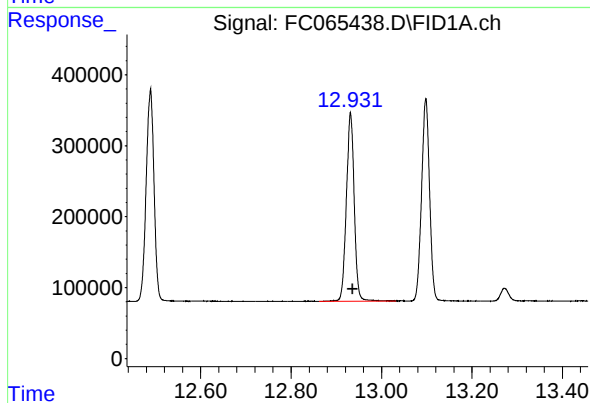
#10 n-Eicosane (C20)

R.T.: 12.489 min  
Delta R.T.: -0.004 min  
Response: 3607612  
Conc: 19.06 ug/ml



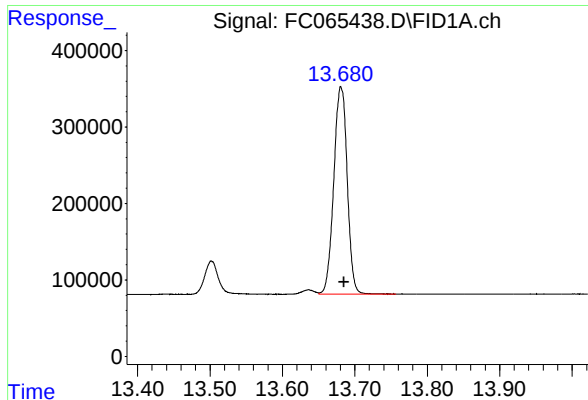
#11 n-Heneicosane (C21)

R.T.: 13.098 min  
Delta R.T.: -0.004 min  
Response: 3498558  
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

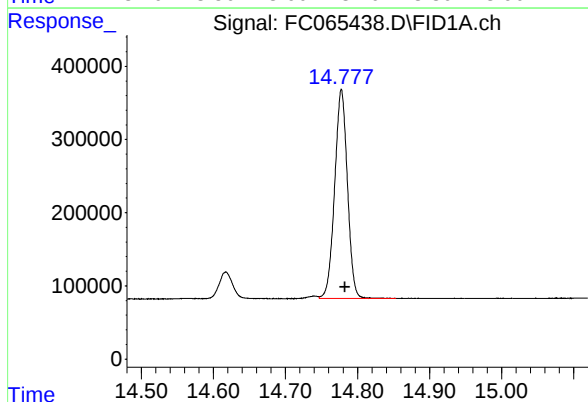
R.T.: 12.932 min  
Delta R.T.: -0.005 min  
Response: 3194654  
Conc: 19.29 ug/ml



#13 n-Docosane (C22)

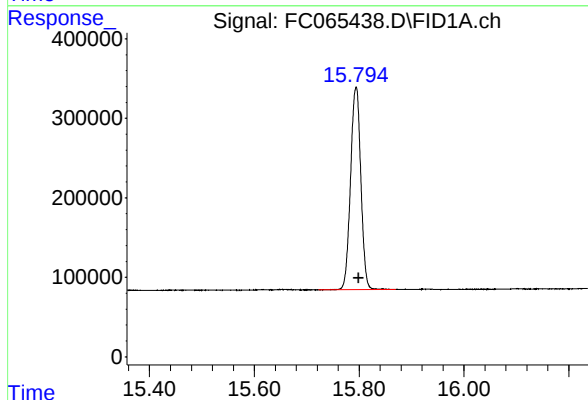
R.T.: 13.681 min  
Delta R.T.: -0.004 min  
Response: 3500922  
Conc: 19.41 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



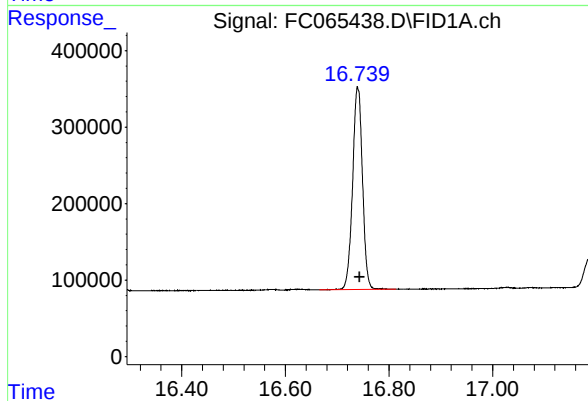
#14 n-Tetracosane (C24)

R.T.: 14.778 min  
Delta R.T.: -0.005 min  
Response: 3497508  
Conc: 20.17 ug/ml



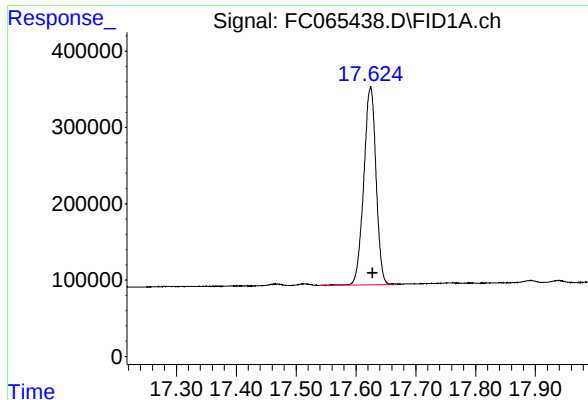
#15 n-Hexacosane (C26)

R.T.: 15.794 min  
Delta R.T.: -0.005 min  
Response: 3466494  
Conc: 20.82 ug/ml



#16 n-Octacosane (C28)

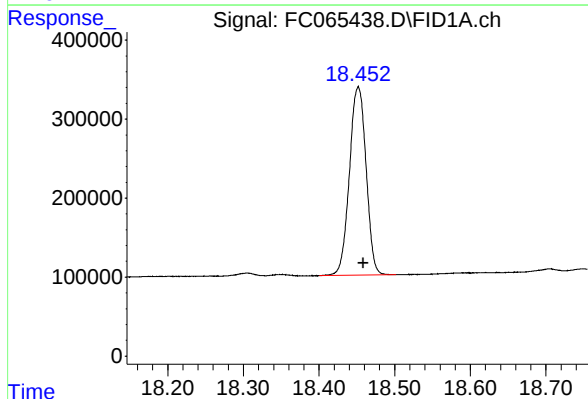
R.T.: 16.740 min  
Delta R.T.: -0.004 min  
Response: 3499111  
Conc: 21.88 ug/ml



#17 n-Tricontane (C30)

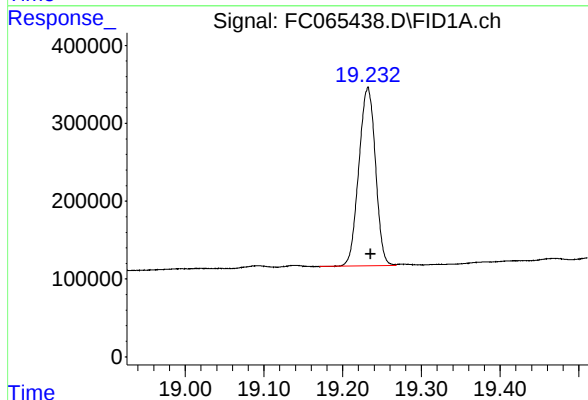
R.T.: 17.625 min  
Delta R.T.: -0.003 min  
Response: 3689853  
Conc: 23.17 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



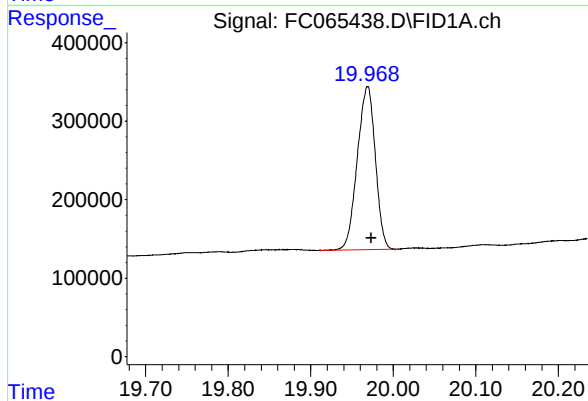
#18 n-Dotriacontane (C32)

R.T.: 18.452 min  
Delta R.T.: -0.007 min  
Response: 3650486  
Conc: 23.22 ug/ml



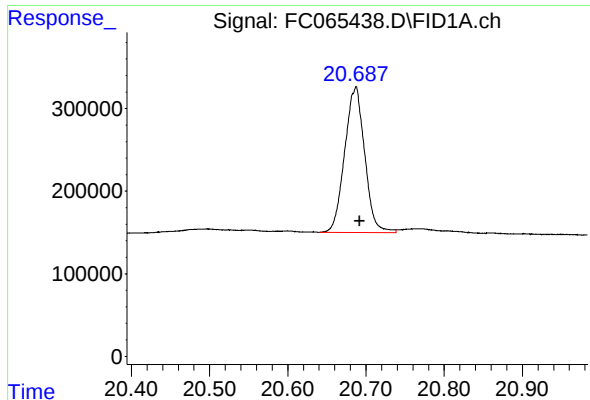
#19 n-Tetatriacontane (C34)

R.T.: 19.232 min  
Delta R.T.: -0.003 min  
Response: 3353905  
Conc: 21.73 ug/ml



#20 n-Hexatriacontane (C36)

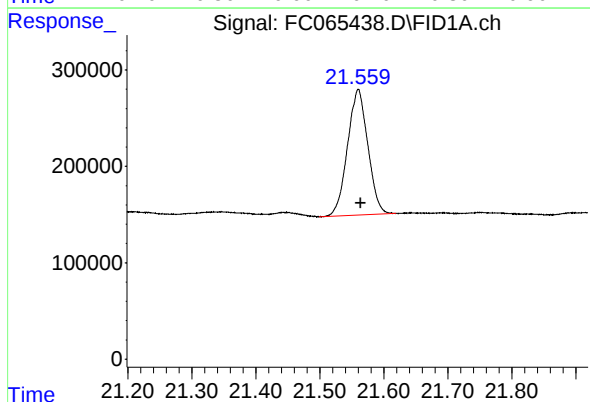
R.T.: 19.969 min  
Delta R.T.: -0.004 min  
Response: 3155921  
Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.687 min  
Delta R.T.: -0.005 min  
Response: 3132861  
Conc: 20.60 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.560 min  
Delta R.T.: -0.004 min  
Response: 2872619  
Conc: 19.16 ug/ml