

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111219AL\  
 Data File : FC044511.D  
 Signal(s) : FID1A.CH  
 Acq On : 12 Nov 2019 23:47  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 13 01:16:29 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 12:36:58 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.722 | 2366135    | 16.233 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 32.47%       |
| 12) S 1-chlorooctadecane (S... | 13.151 | 1773818    | 15.864 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 31.73%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.453  | 2361755    | 21.440 ug/ml |
| 2) T n-Decane (C10)            | 4.529  | 2382429    | 21.450 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.131  | 2611490    | 20.989 ug/ml |
| 4) T n-Dodecane (C12)          | 6.554  | 2383676    | 21.195 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.189  | 2601622    | 20.631 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.350  | 2343099    | 20.711 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.952  | 2296251    | 20.096 ug/ml |
| 8) T n-Octadecane (C18)        | 11.395 | 2221015    | 19.399 ug/ml |
| 10) T n-Eicosane (C20)         | 12.704 | 2133249    | 18.705 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.317 | 2099717    | 18.306 ug/ml |
| 13) T n-Docosane (C22)         | 13.904 | 2050792    | 18.060 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.006 | 1992683    | 17.622 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.028 | 1956737    | 17.686 ug/ml |
| 16) T n-Octacosane (C28)       | 16.978 | 1956673    | 18.063 ug/ml |
| 17) T n-Tricontane (C30)       | 17.867 | 1974427    | 18.656 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.699 | 1953908    | 19.401 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.485 | 1915123    | 20.425 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.223 | 1974936    | 22.750 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.993 | 1830848    | 22.704 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.963 | 1873924    | 22.169 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

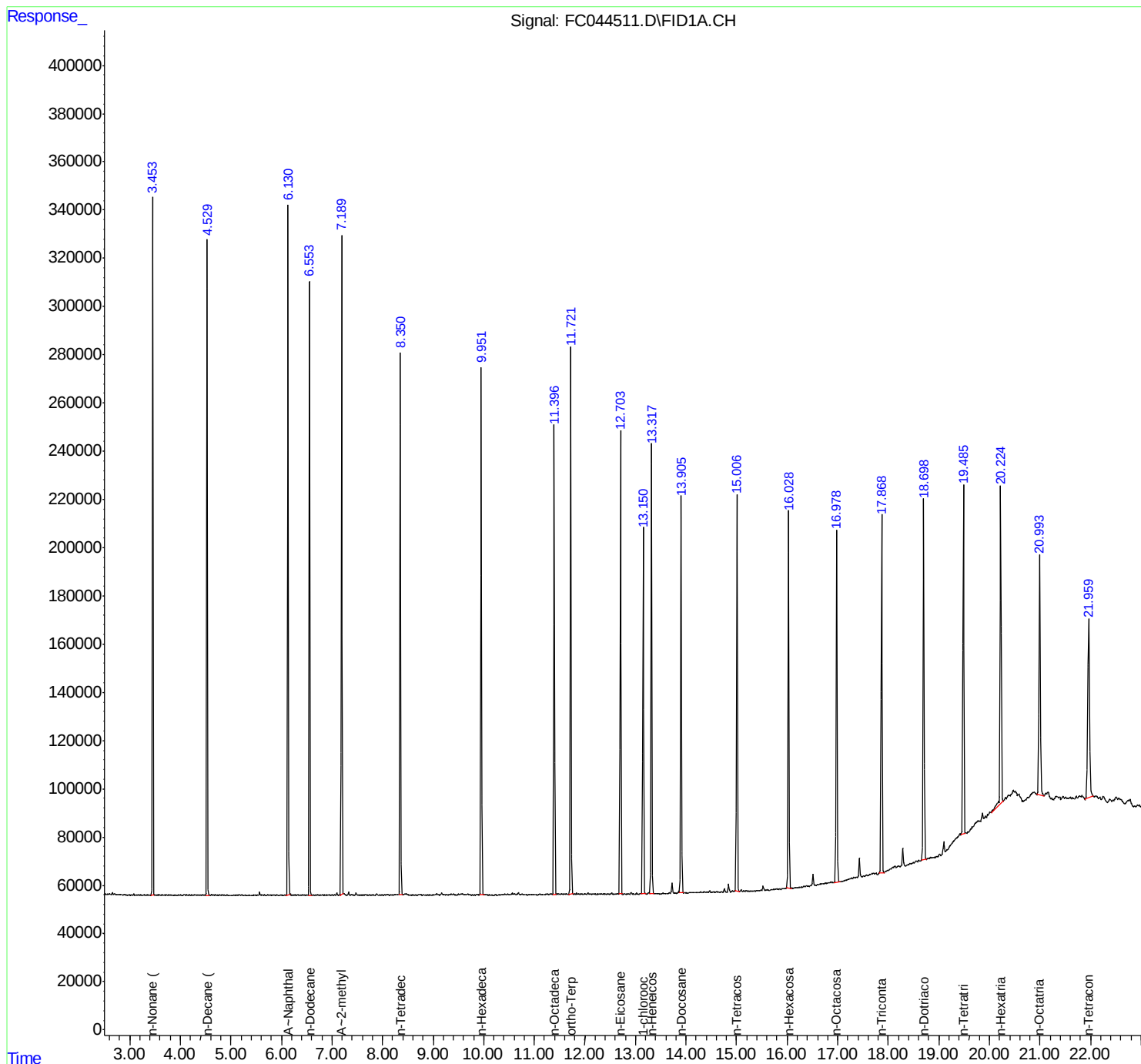
(m)=manual int.

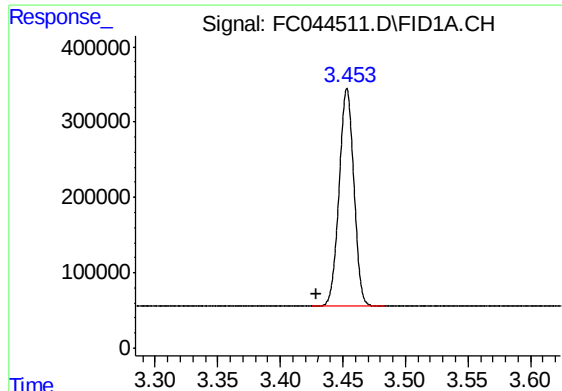
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111219AL\  
Data File : FC044511.D  
Signal(s) : FID1A.CH  
Acq On : 12 Nov 2019 23:47  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Nov 13 01:16:29 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 12:36:58 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

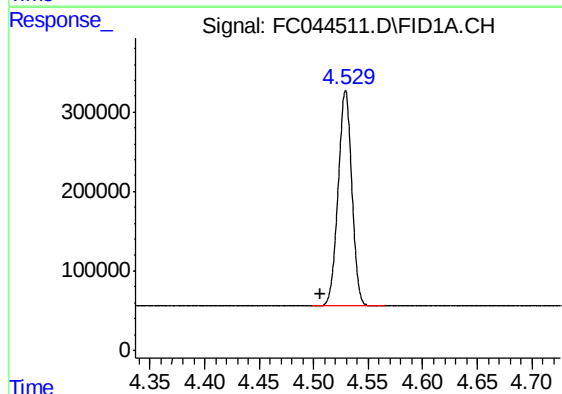




#1 n-Nonane (C9)

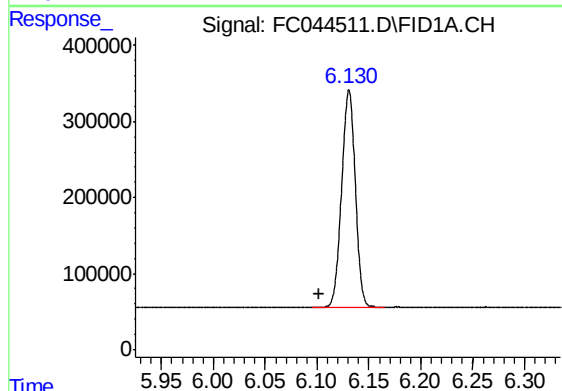
R.T.: 3.453 min  
Delta R.T.: 0.024 min  
Response: 2361755  
Conc: 21.44 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



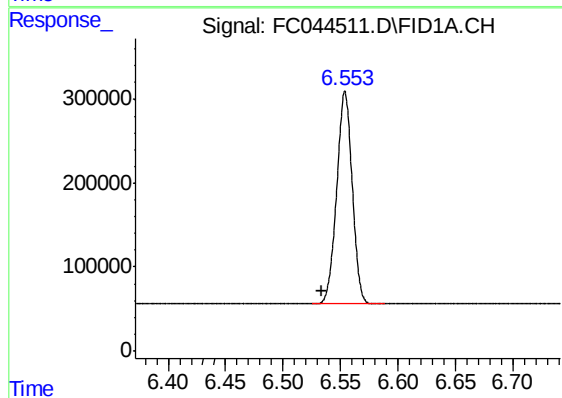
#2 n-Decane (C10)

R.T.: 4.529 min  
Delta R.T.: 0.024 min  
Response: 2382429  
Conc: 21.45 ug/ml



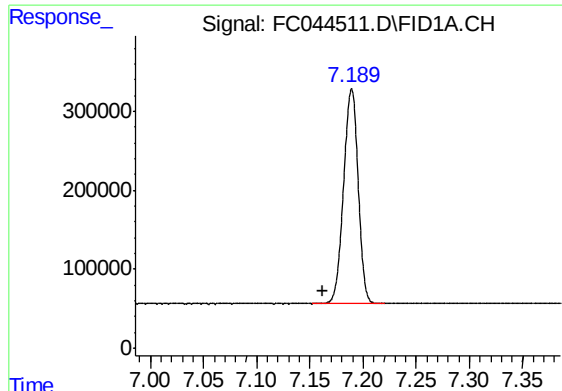
#3 A~Naphthalene (C11.7)

R.T.: 6.131 min  
Delta R.T.: 0.028 min  
Response: 2611490  
Conc: 20.99 ug/ml



#4 n-Dodecane (C12)

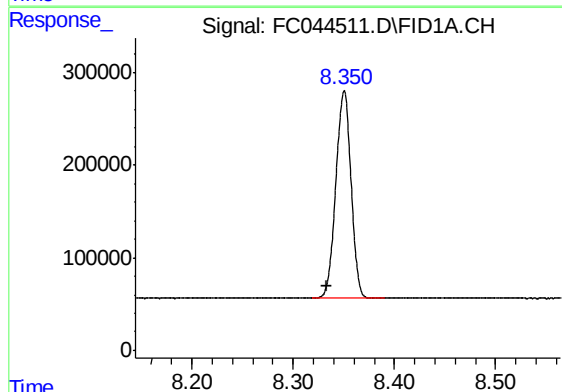
R.T.: 6.554 min  
Delta R.T.: 0.020 min  
Response: 2383676  
Conc: 21.19 ug/ml



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

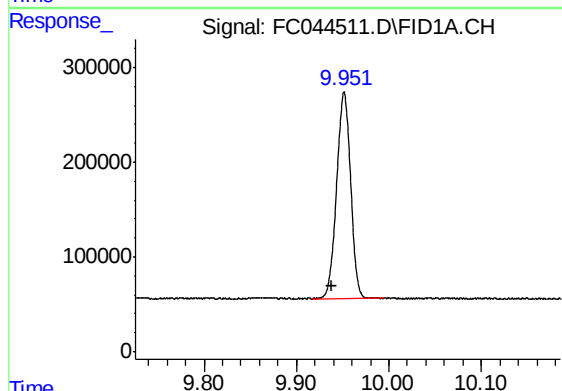
R.T.: 7.189 min  
Delta R.T.: 0.027 min  
Response: 2601622  
Conc: 20.63 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



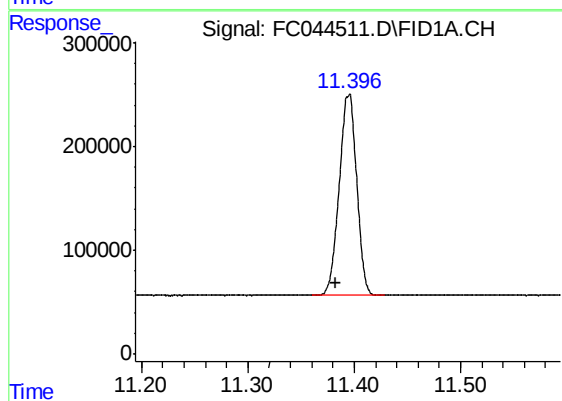
#6 n-Tetradecane (C14)

R.T.: 8.350 min  
Delta R.T.: 0.018 min  
Response: 2343099  
Conc: 20.71 ug/ml



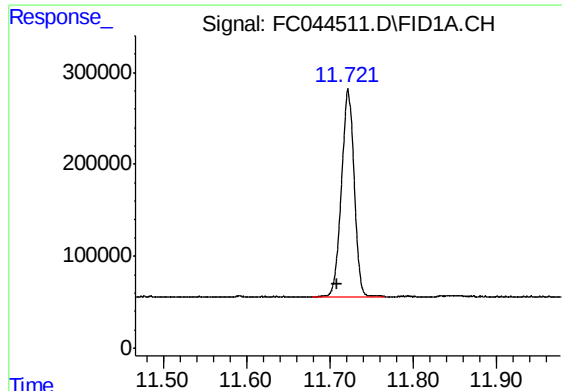
#7 n-Hexadecane (C16)

R.T.: 9.952 min  
Delta R.T.: 0.013 min  
Response: 2296251  
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

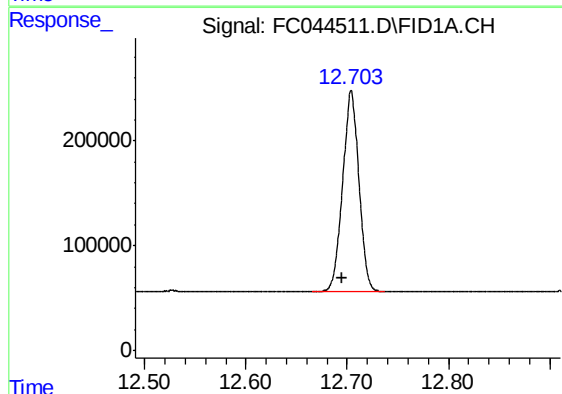
R.T.: 11.395 min  
Delta R.T.: 0.012 min  
Response: 2221015  
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

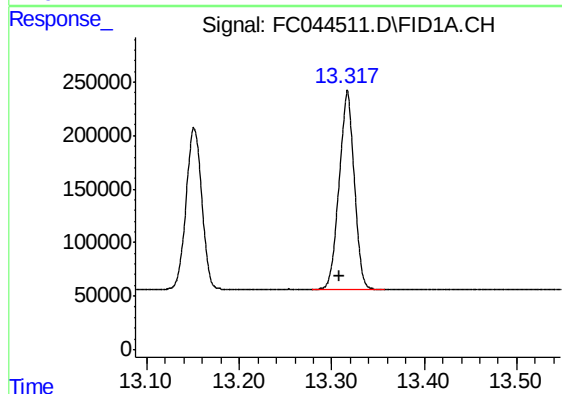
R.T.: 11.722 min  
Delta R.T.: 0.013 min  
Response: 2366135  
Conc: 16.23 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



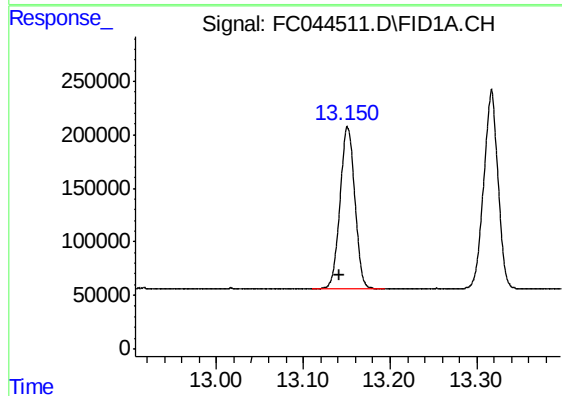
#10 n-Eicosane (C20)

R.T.: 12.704 min  
Delta R.T.: 0.010 min  
Response: 2133249  
Conc: 18.70 ug/ml



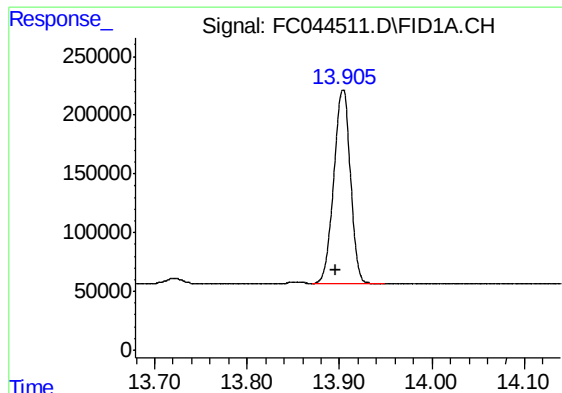
#11 n-Heneicosane (C21)

R.T.: 13.317 min  
Delta R.T.: 0.009 min  
Response: 2099717  
Conc: 18.31 ug/ml



#12 1-chlorooctadecane (SURR)

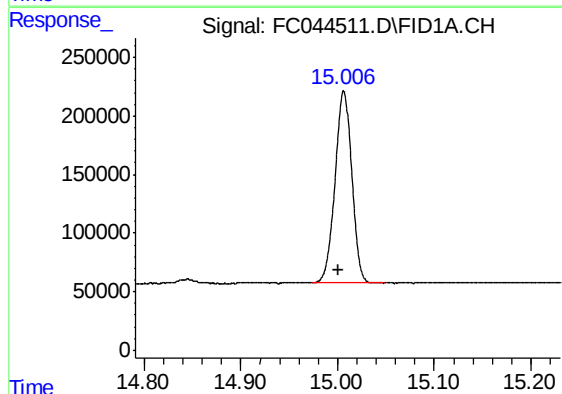
R.T.: 13.151 min  
Delta R.T.: 0.009 min  
Response: 1773818  
Conc: 15.86 ug/ml



#13 n-Docosane (C22)

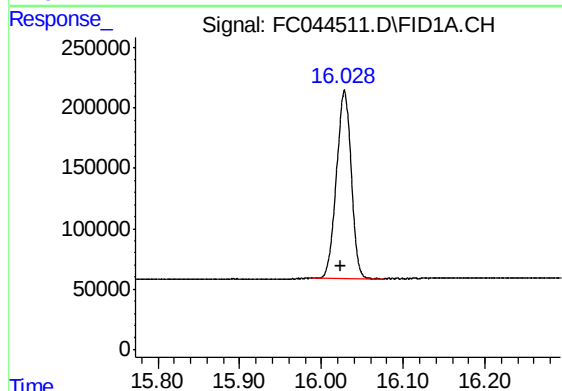
R.T.: 13.904 min  
Delta R.T.: 0.009 min  
Response: 2050792  
Conc: 18.06 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



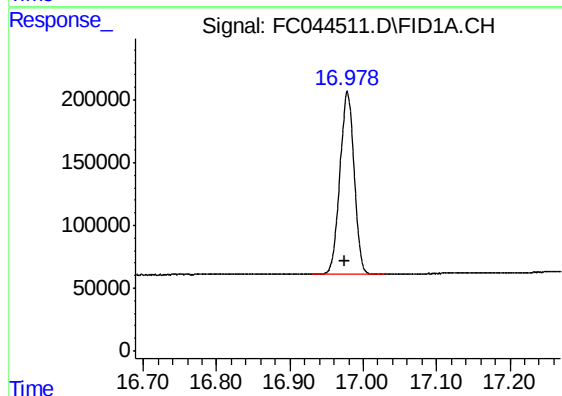
#14 n-Tetracosane (C24)

R.T.: 15.006 min  
Delta R.T.: 0.006 min  
Response: 1992683  
Conc: 17.62 ug/ml



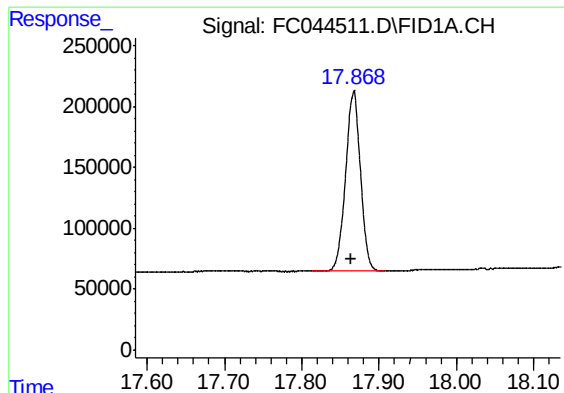
#15 n-Hexacosane (C26)

R.T.: 16.028 min  
Delta R.T.: 0.005 min  
Response: 1956737  
Conc: 17.69 ug/ml



#16 n-Octacosane (C28)

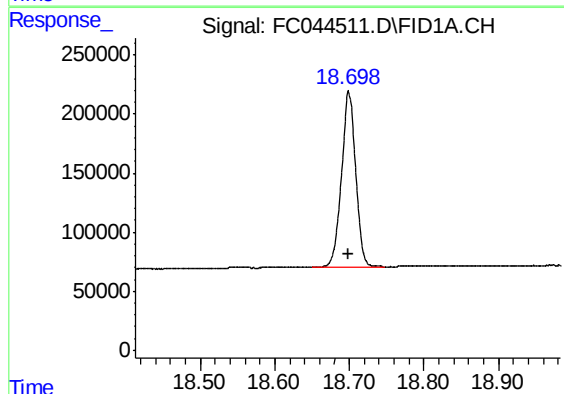
R.T.: 16.978 min  
Delta R.T.: 0.004 min  
Response: 1956673  
Conc: 18.06 ug/ml



#17 n-Tricontane (C30)

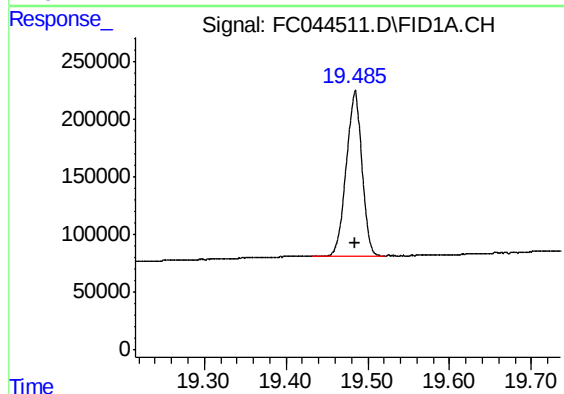
R.T.: 17.867 min  
Delta R.T.: 0.003 min  
Response: 1974427  
Conc: 18.66 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



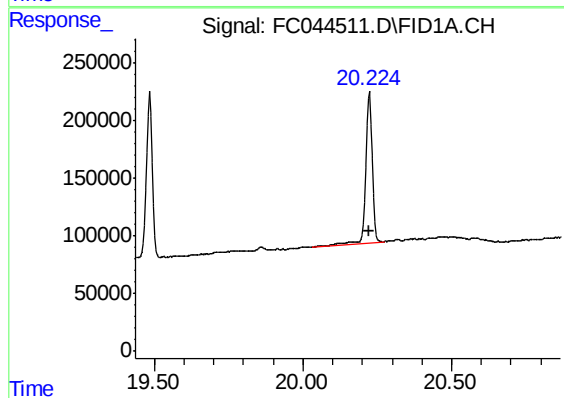
#18 n-Dotriacontane (C32)

R.T.: 18.699 min  
Delta R.T.: 0.000 min  
Response: 1953908  
Conc: 19.40 ug/ml



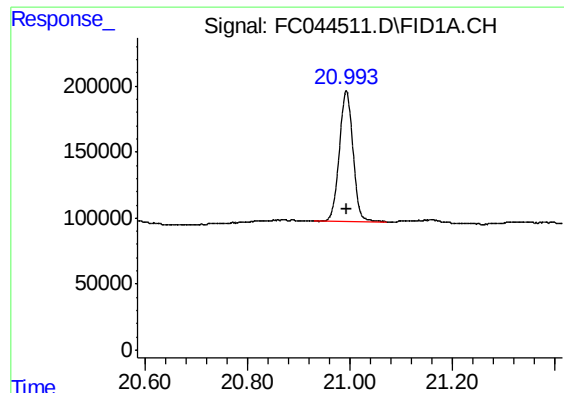
#19 n-Tetatriacontane (C34)

R.T.: 19.485 min  
Delta R.T.: 0.000 min  
Response: 1915123  
Conc: 20.42 ug/ml



#20 n-Hexatriacontane (C36)

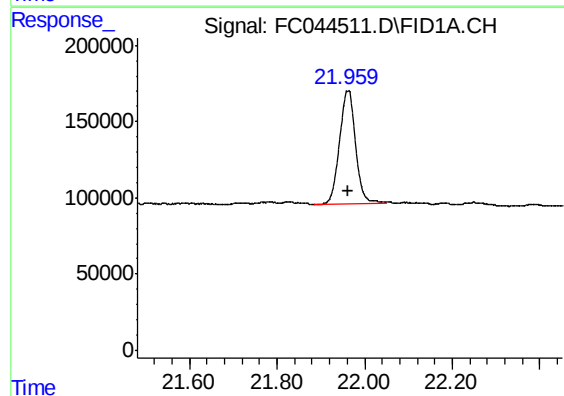
R.T.: 20.223 min  
Delta R.T.: 0.000 min  
Response: 1974936  
Conc: 22.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.993 min  
Delta R.T.: 0.000 min  
Response: 1830848  
Conc: 22.70 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.963 min  
Delta R.T.: 0.002 min  
Response: 1873924  
Conc: 22.17 ug/ml