

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC122118AL\  
 Data File : FC038369.D  
 Signal(s) : FID1A.CH  
 Acq On : 22 Dec 2018 1:50  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 22 06:12:13 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 121018.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 15 05:55:02 2018  
 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)    | 11.276 | 2325662    | 17.839 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.68%       |
| 12) S 1-chlorooctadecane (S... | 12.721 | 1772989    | 17.585 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.17%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.112  | 1896593    | 18.237 ug/ml |
| 2) T n-Decane (C10)            | 4.169  | 1930724    | 18.435 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.730  | 2229607    | 18.980 ug/ml |
| 4) T n-Dodecane (C12)          | 6.174  | 1992338    | 18.454 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.778  | 2201208    | 18.734 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.956  | 2024679    | 18.128 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.547  | 2052973    | 17.796 ug/ml |
| 8) T n-Octadecane (C18)        | 10.980 | 2052056    | 16.976 ug/ml |
| 10) T n-Eicosane (C20)         | 12.282 | 2070343    | 17.237 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.892 | 2056712    | 17.725 ug/ml |
| 13) T n-Docosane (C22)         | 13.474 | 2053576    | 17.769 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.571 | 2064188    | 17.978 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.587 | 2058904    | 18.303 ug/ml |
| 16) T n-Octacosane (C28)       | 16.534 | 2142298    | 19.059 ug/ml |
| 17) T n-Tricontane (C30)       | 17.417 | 2174403    | 19.812 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.245 | 2103860    | 20.541 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.026 | 1817950    | 20.629 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.763 | 1637850    | 20.906 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.463 | 2571457    | 33.231 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.268 | 1497641    | 17.139 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

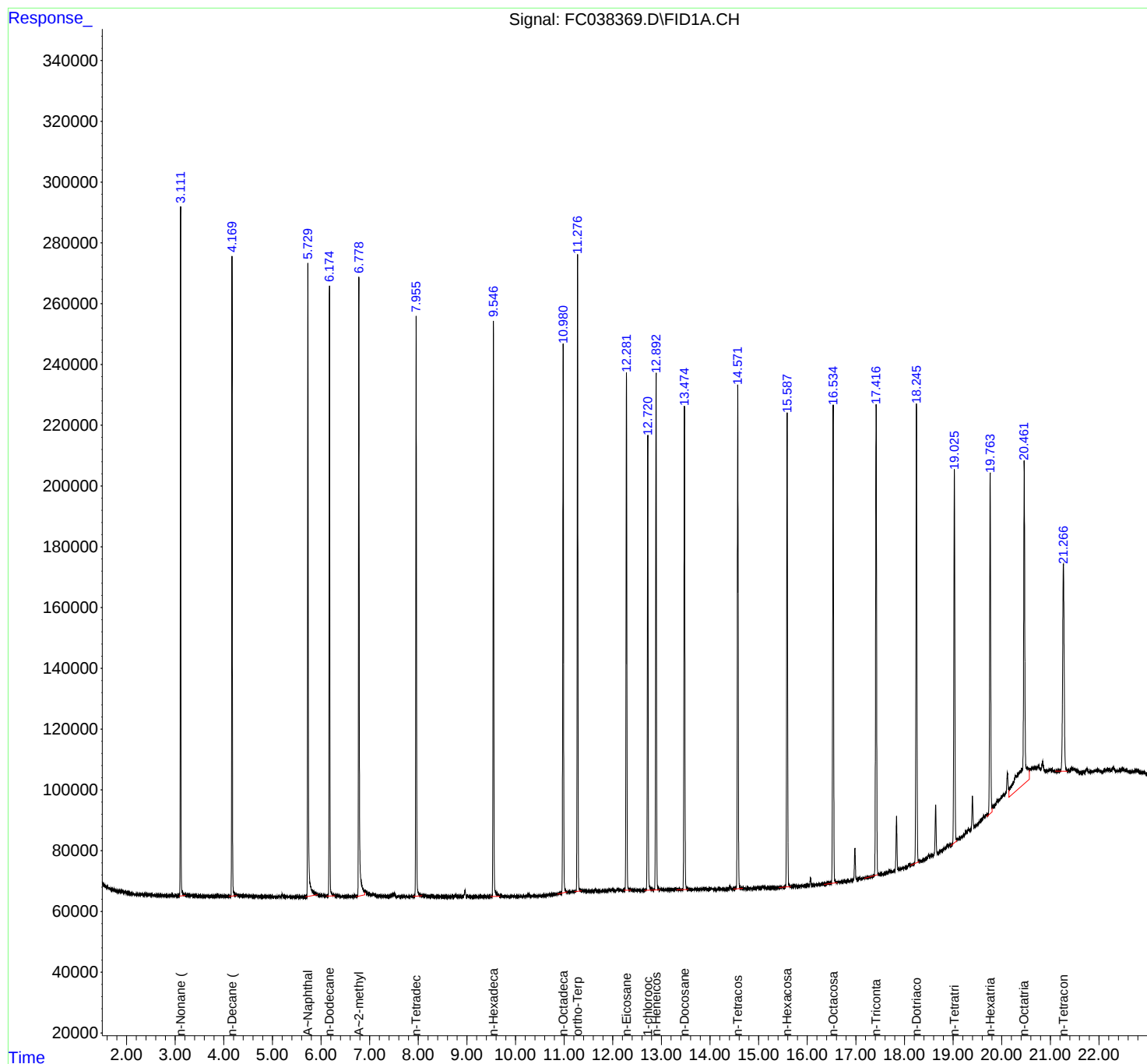
(m)=manual int.

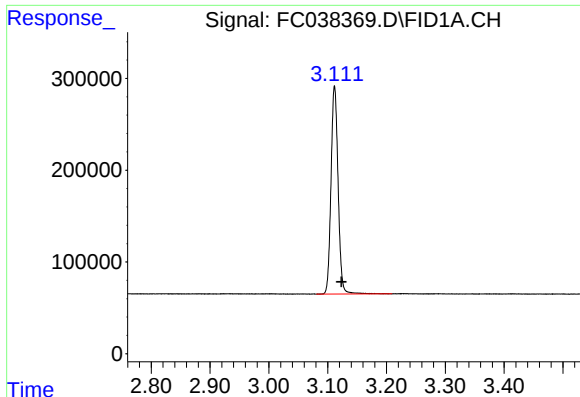
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC122118AL\  
Data File : FC038369.D  
Signal(s) : FID1A.CH  
Acq On : 22 Dec 2018 1:50  
Operator : AJ\SJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Dec 22 06:12:13 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121018.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 15 05:55:02 2018  
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

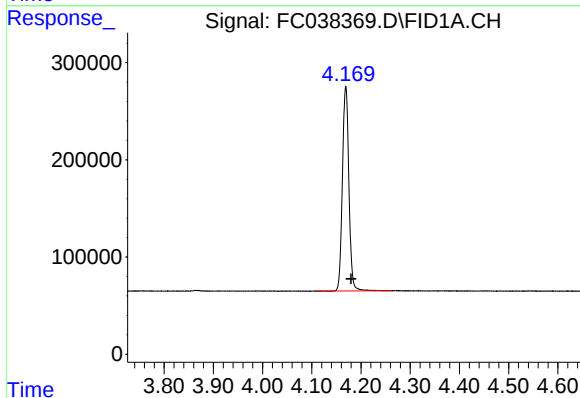




#1 n-Nonane (C9)

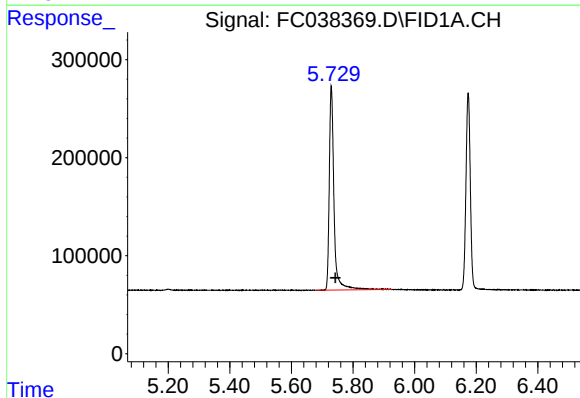
R.T.: 3.112 min  
Delta R.T.: -0.011 min  
Response: 1896593  
Conc: 18.24 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



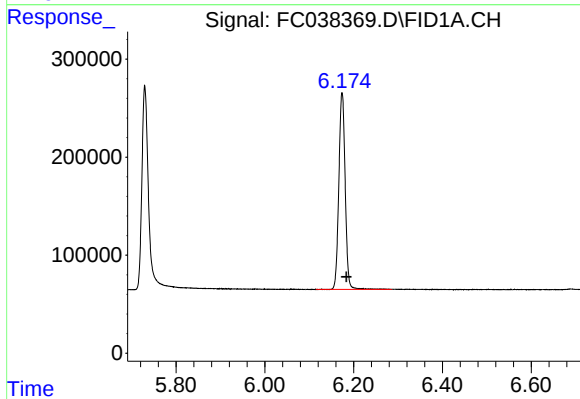
#2 n-Decane (C10)

R.T.: 4.169 min  
Delta R.T.: -0.011 min  
Response: 1930724  
Conc: 18.43 ug/ml



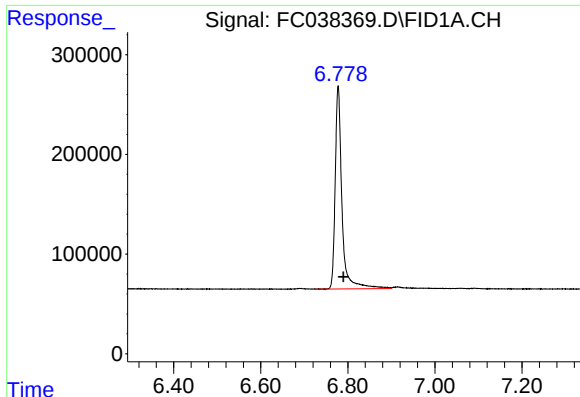
#3 A~Naphthalene (C11.7)

R.T.: 5.730 min  
Delta R.T.: -0.013 min  
Response: 2229607  
Conc: 18.98 ug/ml



#4 n-Dodecane (C12)

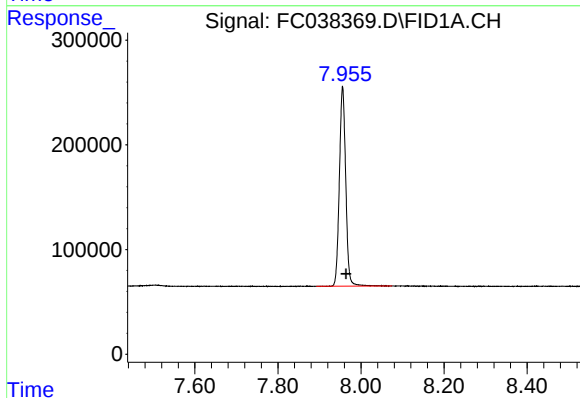
R.T.: 6.174 min  
Delta R.T.: -0.010 min  
Response: 1992338  
Conc: 18.45 ug/ml



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

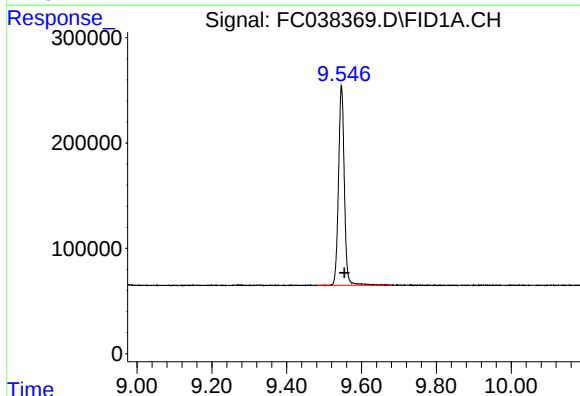
R.T.: 6.778 min  
Delta R.T.: -0.012 min  
Response: 2201208  
Conc: 18.73 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



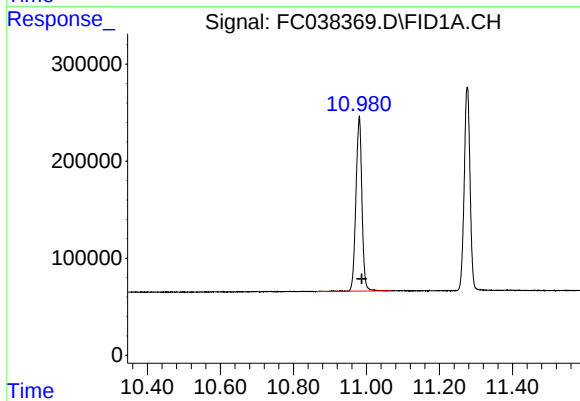
#6 n-Tetradecane (C14)

R.T.: 7.956 min  
Delta R.T.: -0.009 min  
Response: 2024679  
Conc: 18.13 ug/ml



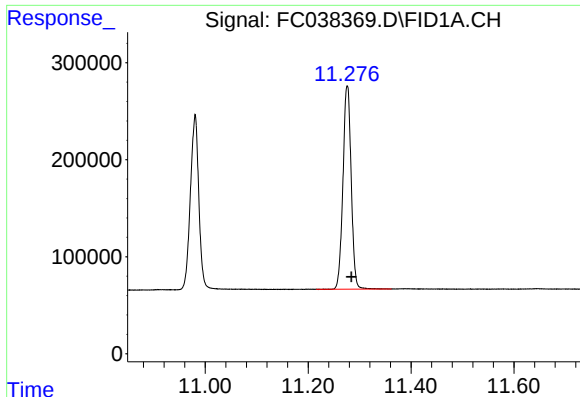
#7 n-Hexadecane (C16)

R.T.: 9.547 min  
Delta R.T.: -0.007 min  
Response: 2052973  
Conc: 17.80 ug/ml



#8 n-Octadecane (C18)

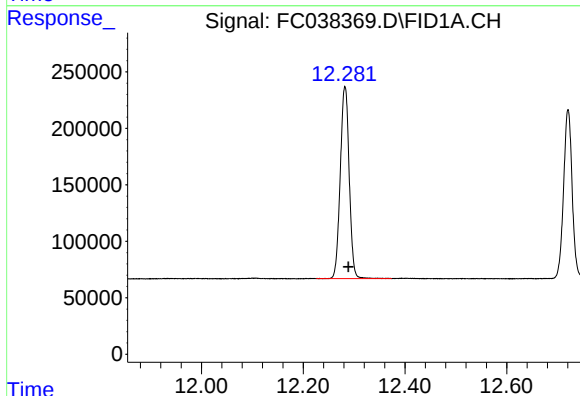
R.T.: 10.980 min  
Delta R.T.: -0.007 min  
Response: 2052056  
Conc: 16.98 ug/ml



#9 ortho-Terphenyl (SURR)

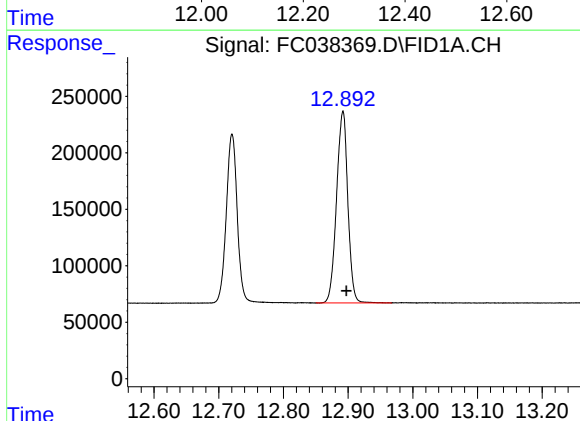
R.T.: 11.276 min  
Delta R.T.: -0.008 min  
Response: 2325662  
Conc: 17.84 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



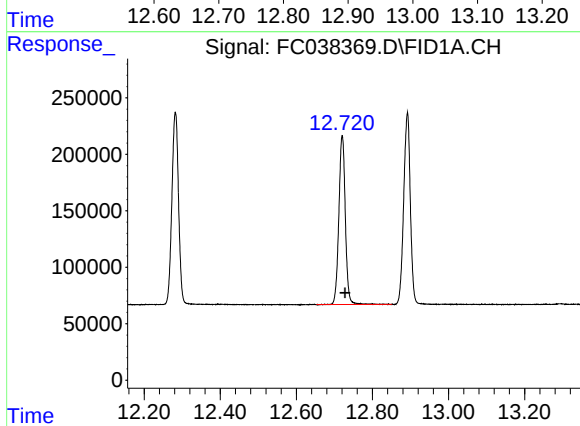
#10 n-Eicosane (C20)

R.T.: 12.282 min  
Delta R.T.: -0.007 min  
Response: 2070343  
Conc: 17.24 ug/ml



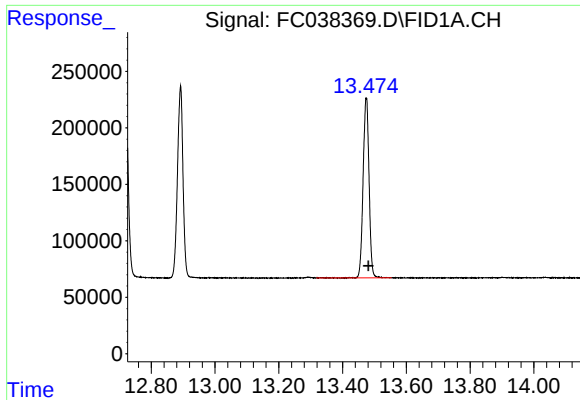
#11 n-Heneicosane (C21)

R.T.: 12.892 min  
Delta R.T.: -0.006 min  
Response: 2056712  
Conc: 17.72 ug/ml



#12 1-chlorooctadecane (SURR)

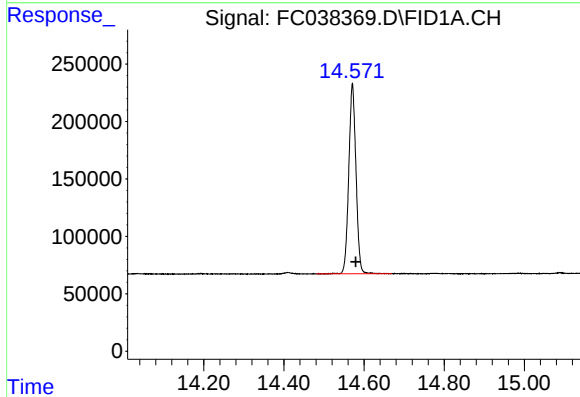
R.T.: 12.721 min  
Delta R.T.: -0.008 min  
Response: 1772989  
Conc: 17.59 ug/ml



#13 n-Docosane (C22)

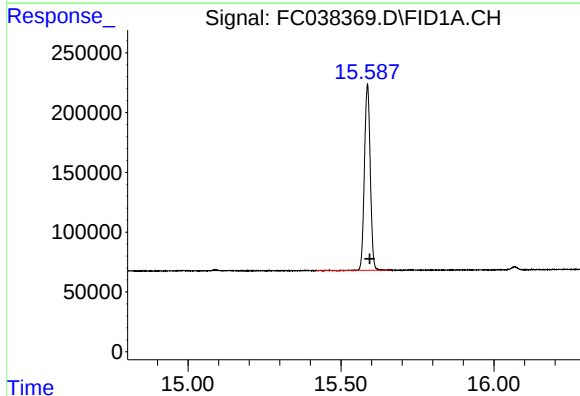
R.T.: 13.474 min  
Delta R.T.: -0.007 min  
Response: 2053576  
Conc: 17.77 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



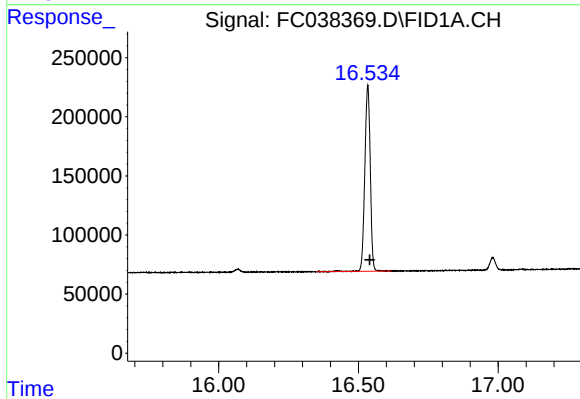
#14 n-Tetracosane (C24)

R.T.: 14.571 min  
Delta R.T.: -0.008 min  
Response: 2064188  
Conc: 17.98 ug/ml



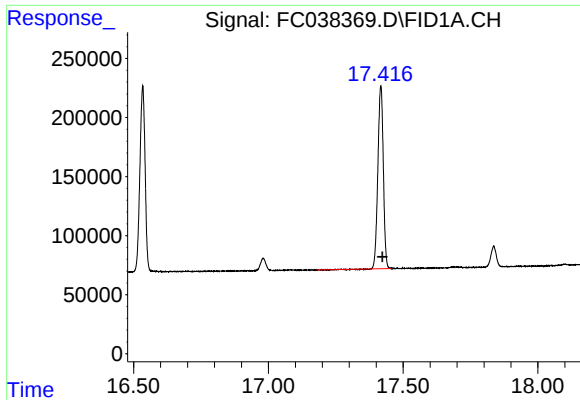
#15 n-Hexacosane (C26)

R.T.: 15.587 min  
Delta R.T.: -0.008 min  
Response: 2058904  
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

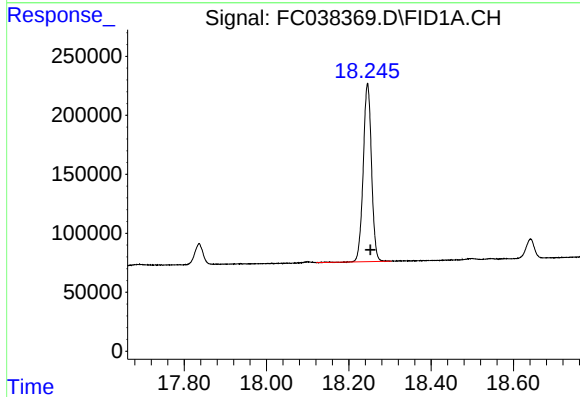
R.T.: 16.534 min  
Delta R.T.: -0.007 min  
Response: 2142298  
Conc: 19.06 ug/ml



#17 n-Tricontane (C30)

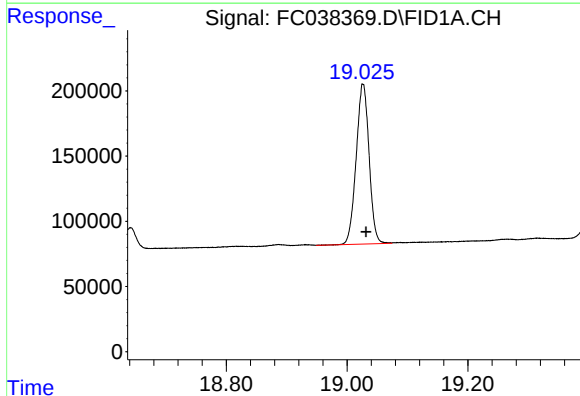
R.T.: 17.417 min  
Delta R.T.: -0.006 min  
Response: 2174403  
Conc: 19.81 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



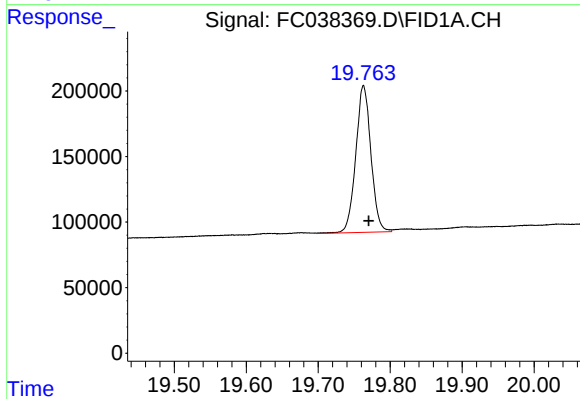
#18 n-Dotriacontane (C32)

R.T.: 18.245 min  
Delta R.T.: -0.007 min  
Response: 2103860  
Conc: 20.54 ug/ml



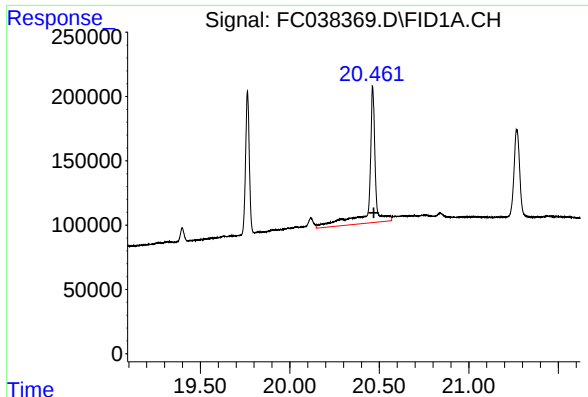
#19 n-Tetratriacontane (C34)

R.T.: 19.026 min  
Delta R.T.: -0.005 min  
Response: 1817950  
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

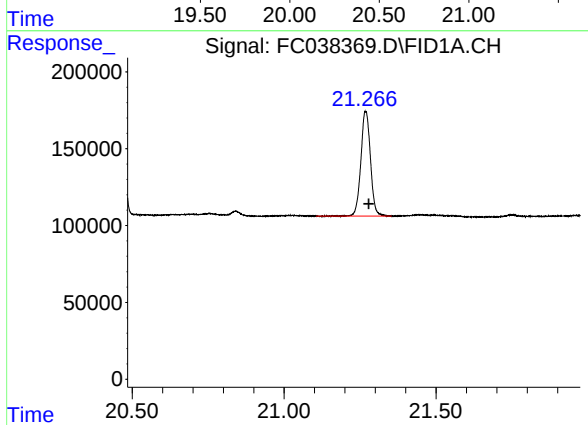
R.T.: 19.763 min  
Delta R.T.: -0.007 min  
Response: 1637850  
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.463 min  
Delta R.T.: -0.007 min  
Response: 2571457  
Conc: 33.23 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.268 min  
Delta R.T.: -0.010 min  
Response: 1497641  
Conc: 17.14 ug/ml