

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102318AL\  
 Data File : FC037025.D  
 Signal(s) : FID1A.CH  
 Acq On : 23 Oct 2018 12:31  
 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: Oct 24 04:10:21 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 101718.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 19 15:53:26 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)    | 11.359 | 1995523    | 22.490 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.98%       |
| 12) S 1-chlorooctadecane (S... | 12.800 | 1379716    | 21.720 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.44%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.174  | 1406181    | 19.135 ug/ml |
| 2) T n-Decane (C10)            | 4.239  | 1423236    | 19.552 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.807  | 1762260    | 21.123 ug/ml |
| 4) T n-Dodecane (C12)          | 6.249  | 1460266    | 20.212 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.856  | 1776929    | 21.460 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.033  | 1495188    | 20.686 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.623  | 1553972    | 21.299 ug/ml |
| 8) T n-Octadecane (C18)        | 11.057 | 1570306    | 21.321 ug/ml |
| 10) T n-Eicosane (C20)         | 12.361 | 1579275    | 21.602 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.971 | 1564983    | 21.854 ug/ml |
| 13) T n-Docosane (C22)         | 13.555 | 1553732    | 21.795 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.652 | 1537231    | 21.683 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.669 | 1508156    | 21.366 ug/ml |
| 16) T n-Octacosane (C28)       | 16.614 | 1490235    | 20.878 ug/ml |
| 17) T n-Tricontane (C30)       | 17.498 | 1463121    | 19.267 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.328 | 1468120    | 18.311 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.108 | 1423626    | 19.871 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.846 | 1247005    | 18.215 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.552 | 1321890    | 19.945 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.382 | 1375019    | 20.678 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

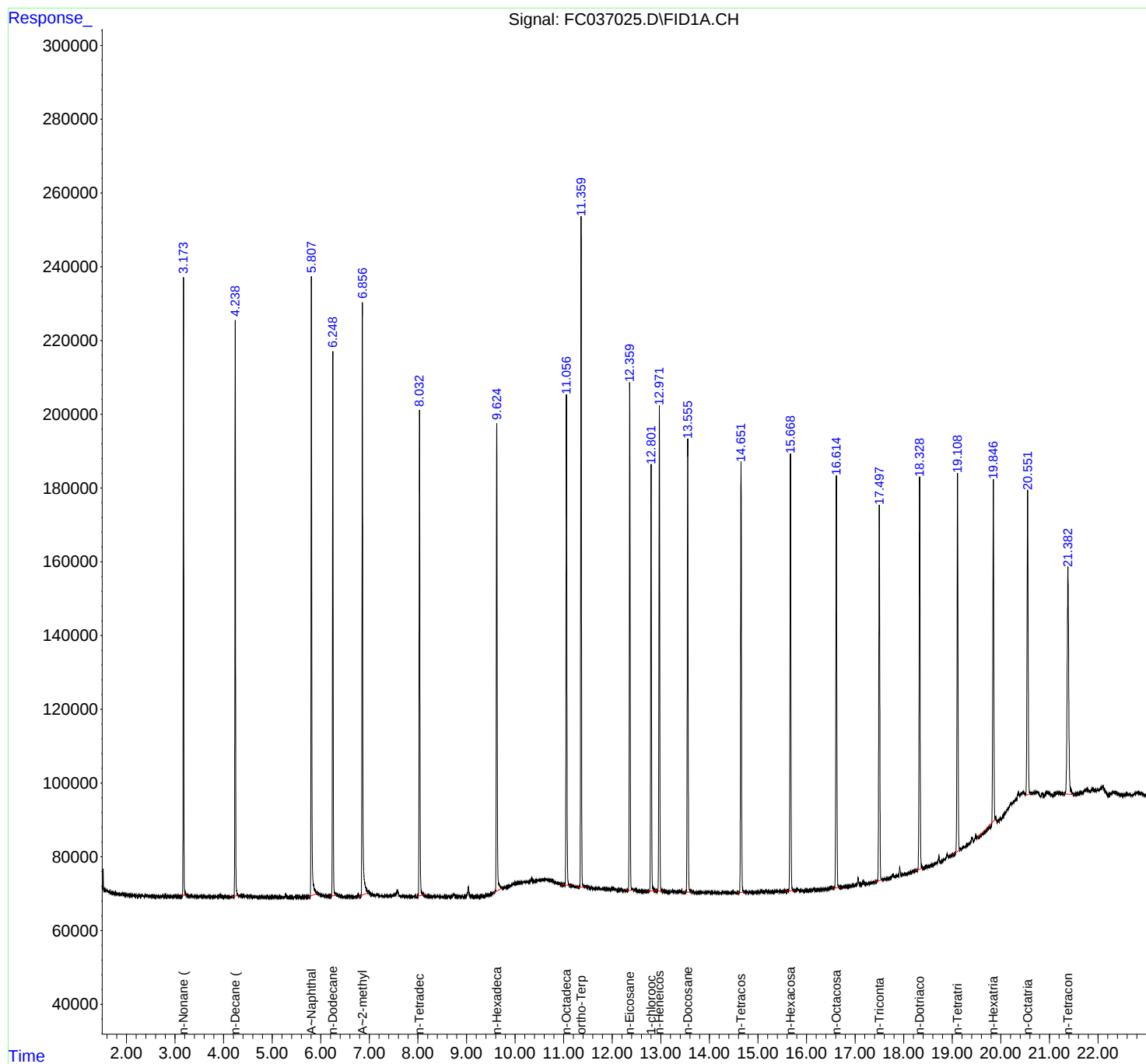
(m)=manual int.

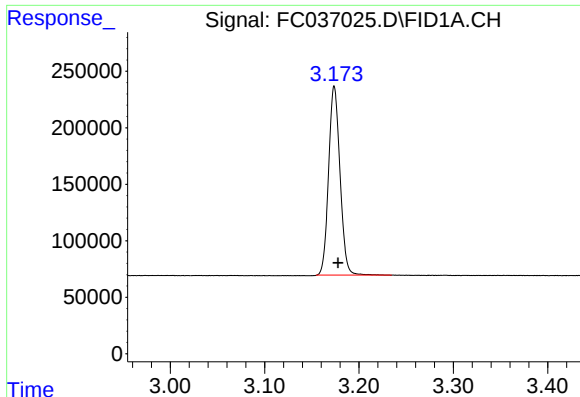
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102318AL\  
Data File : FC037025.D  
Signal(s) : FID1A.CH  
Acq On : 23 Oct 2018 12:31  
Operator : AJ\SJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Oct 24 04:10:21 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 101718.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 19 15:53:26 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

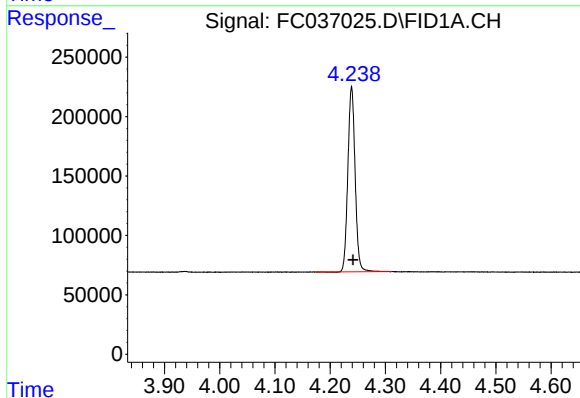




#1 n-Nonane (C9)

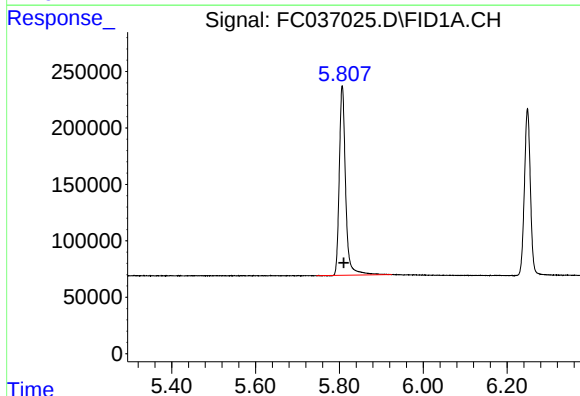
R.T.: 3.174 min  
Delta R.T.: -0.004 min  
Response: 1406181  
Conc: 19.13 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



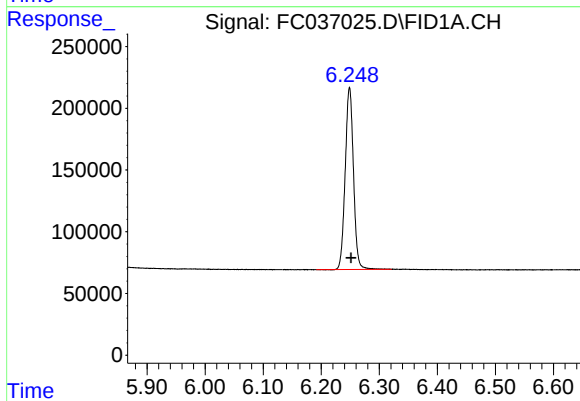
#2 n-Decane (C10)

R.T.: 4.239 min  
Delta R.T.: -0.003 min  
Response: 1423236  
Conc: 19.55 ug/ml



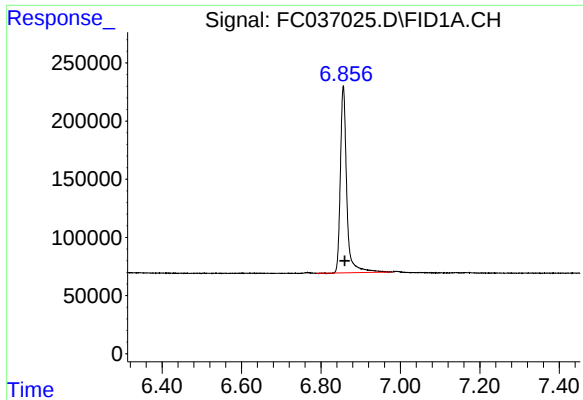
#3 A~Naphthalene (C11.7)

R.T.: 5.807 min  
Delta R.T.: -0.003 min  
Response: 1762260  
Conc: 21.12 ug/ml



#4 n-Dodecane (C12)

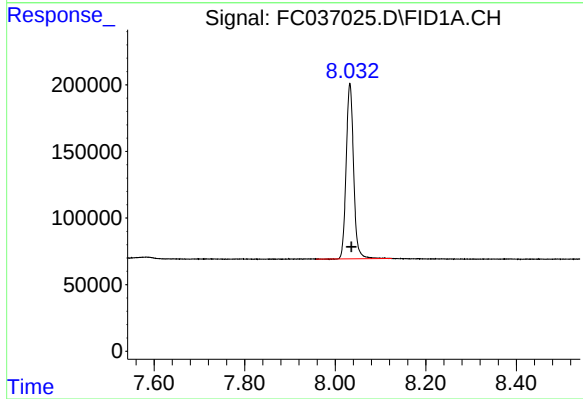
R.T.: 6.249 min  
Delta R.T.: -0.003 min  
Response: 1460266  
Conc: 20.21 ug/ml



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

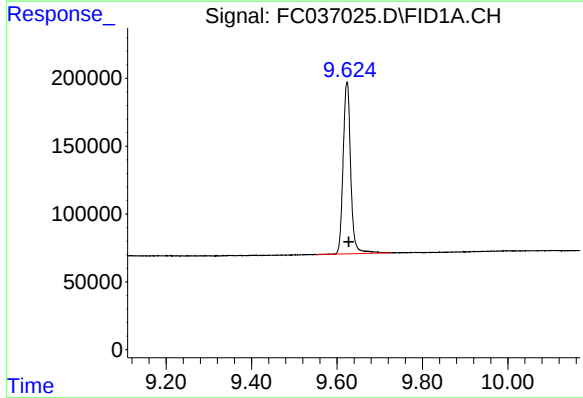
R.T.: 6.856 min  
Delta R.T.: -0.004 min  
Response: 1776929  
Conc: 21.46 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



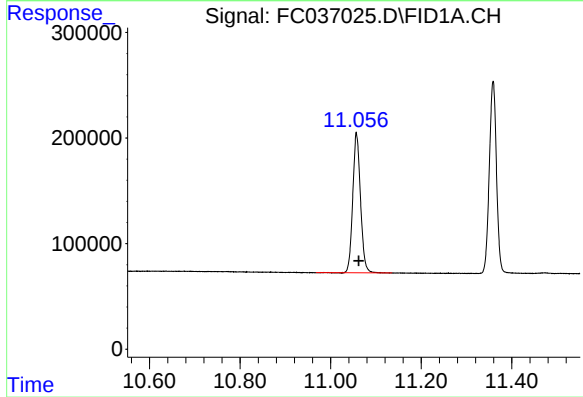
#6 n-Tetradecane (C14)

R.T.: 8.033 min  
Delta R.T.: -0.003 min  
Response: 1495188  
Conc: 20.69 ug/ml



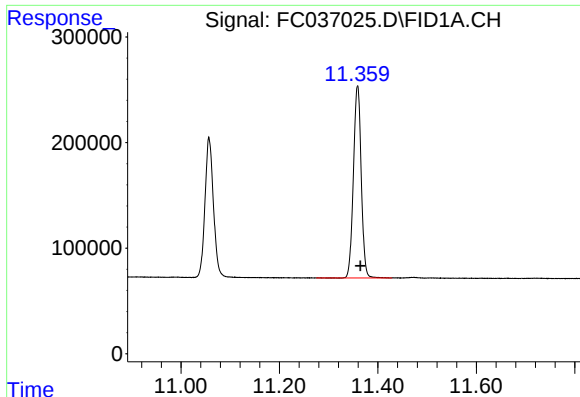
#7 n-Hexadecane (C16)

R.T.: 9.623 min  
Delta R.T.: -0.004 min  
Response: 1553972  
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

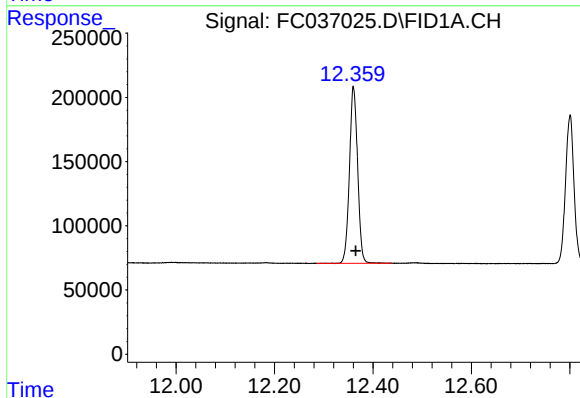
R.T.: 11.057 min  
Delta R.T.: -0.005 min  
Response: 1570306  
Conc: 21.32 ug/ml



#9 ortho-Terphenyl (SURR)

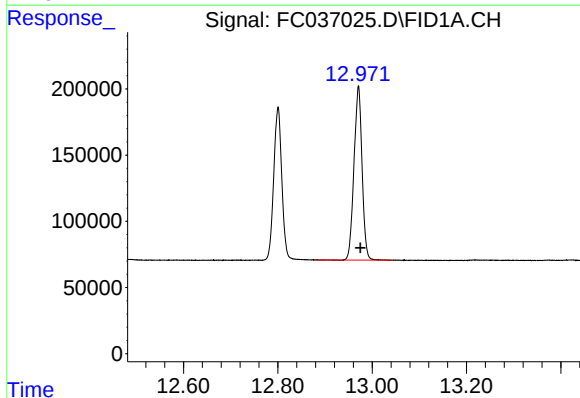
R.T.: 11.359 min  
Delta R.T.: -0.005 min  
Response: 1995523  
Conc: 22.49 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



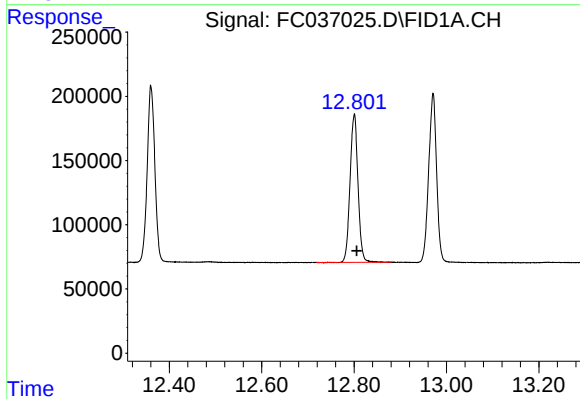
#10 n-Eicosane (C20)

R.T.: 12.361 min  
Delta R.T.: -0.004 min  
Response: 1579275  
Conc: 21.60 ug/ml



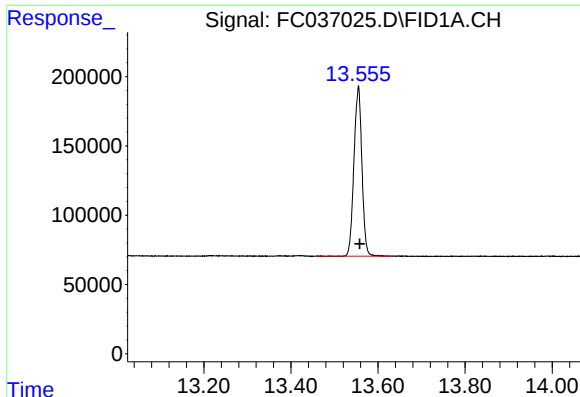
#11 n-Heneicosane (C21)

R.T.: 12.971 min  
Delta R.T.: -0.004 min  
Response: 1564983  
Conc: 21.85 ug/ml



#12 1-chlorooctadecane (SURR)

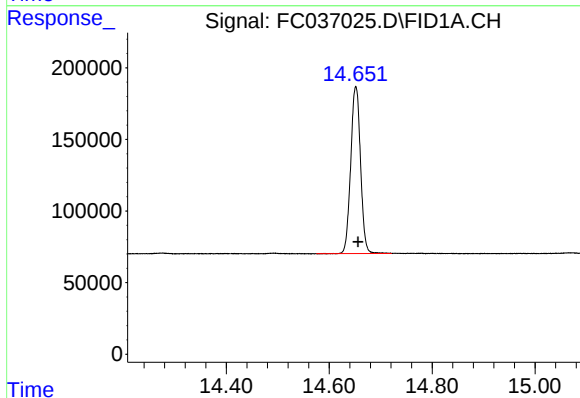
R.T.: 12.800 min  
Delta R.T.: -0.005 min  
Response: 1379716  
Conc: 21.72 ug/ml



#13 n-Docosane (C22)

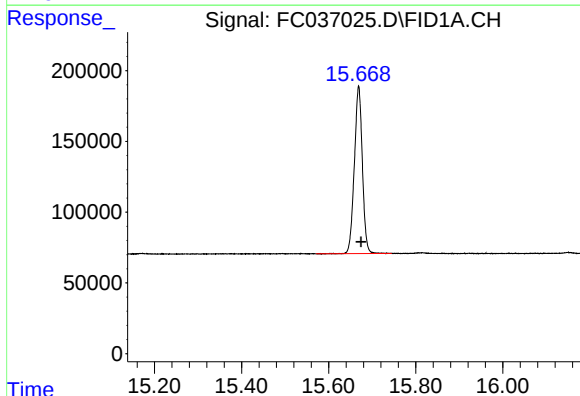
R.T.: 13.555 min  
Delta R.T.: -0.004 min  
Response: 1553732  
Conc: 21.80 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



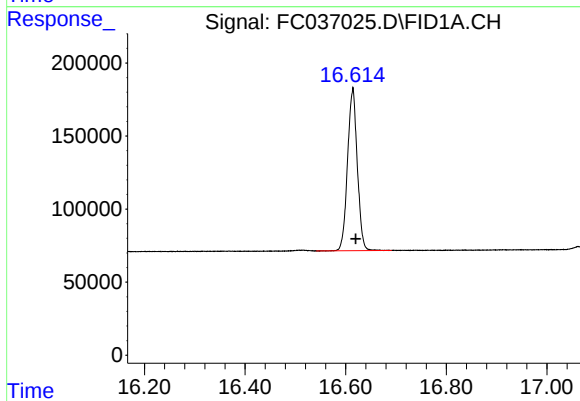
#14 n-Tetracosane (C24)

R.T.: 14.652 min  
Delta R.T.: -0.005 min  
Response: 1537231  
Conc: 21.68 ug/ml



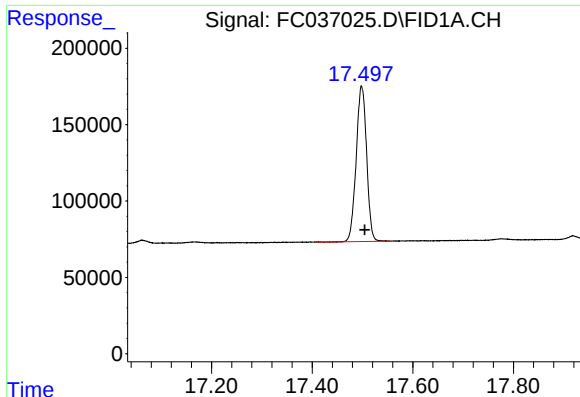
#15 n-Hexacosane (C26)

R.T.: 15.669 min  
Delta R.T.: -0.005 min  
Response: 1508156  
Conc: 21.37 ug/ml



#16 n-Octacosane (C28)

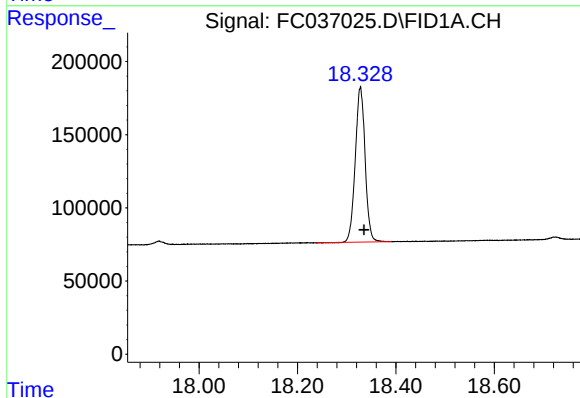
R.T.: 16.614 min  
Delta R.T.: -0.006 min  
Response: 1490235  
Conc: 20.88 ug/ml



#17 n-Tricontane (C30)

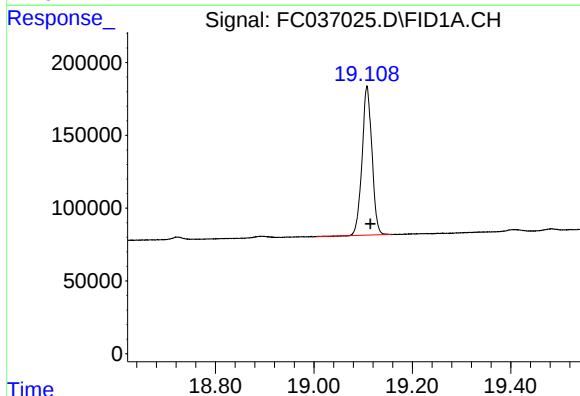
R.T.: 17.498 min  
Delta R.T.: -0.006 min  
Response: 1463121  
Conc: 19.27 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



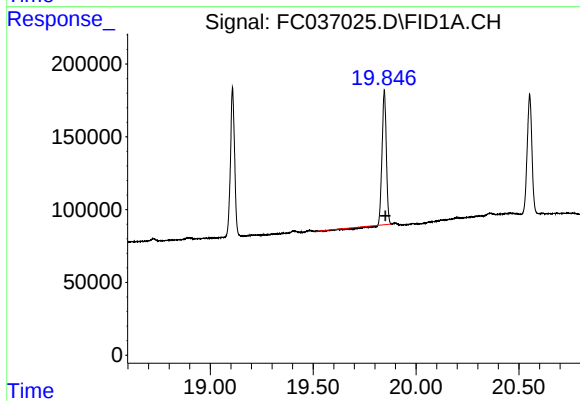
#18 n-Dotriacontane (C32)

R.T.: 18.328 min  
Delta R.T.: -0.008 min  
Response: 1468120  
Conc: 18.31 ug/ml



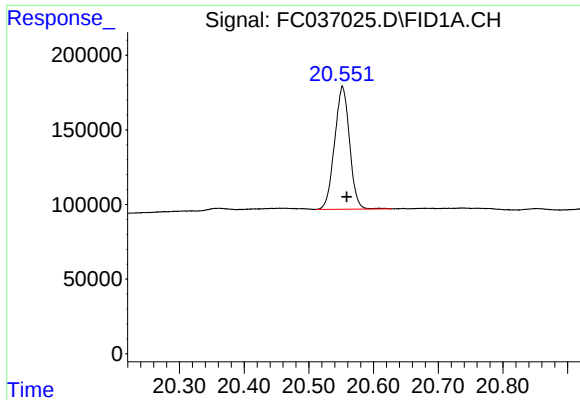
#19 n-Tetratriacontane (C34)

R.T.: 19.108 min  
Delta R.T.: -0.007 min  
Response: 1423626  
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

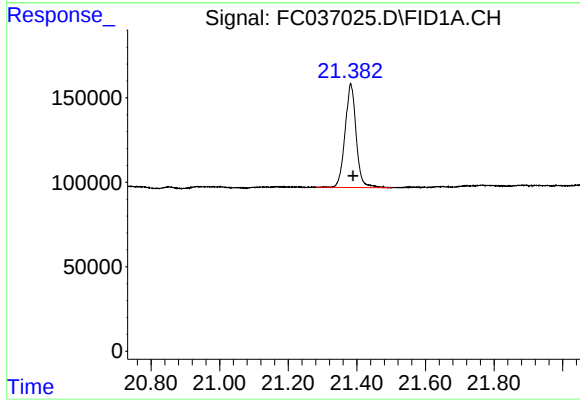
R.T.: 19.846 min  
Delta R.T.: -0.006 min  
Response: 1247005  
Conc: 18.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.552 min  
Delta R.T.: -0.007 min  
Response: 1321890  
Conc: 19.95 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.382 min  
Delta R.T.: -0.007 min  
Response: 1375019  
Conc: 20.68 ug/ml