

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091421AL\  
 Data File : FC055627.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Sep 2021 13:54  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 15 01:21:25 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 083021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 31 01:45:39 2021  
 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)    | 11.657 | 2289320    | 18.325 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.65%       |
| 12) S 1-chlorooctadecane (S... | 13.091 | 1746184    | 17.644 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.29%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.400  | 2432697    | 22.505 ug/ml |
| 2) T n-Decane (C10)            | 4.470  | 2457627    | 22.539 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.064  | 2689861    | 21.829 ug/ml |
| 4) T n-Dodecane (C12)          | 6.493  | 2437350    | 22.260 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.123  | 2673693    | 21.485 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.290  | 2400380    | 21.552 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.892  | 2314234    | 20.477 ug/ml |
| 8) T n-Octadecane (C18)        | 11.335 | 2259853    | 19.410 ug/ml |
| 10) T n-Eicosane (C20)         | 12.645 | 2121517    | 18.156 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.257 | 2089559    | 17.754 ug/ml |
| 13) T n-Docosane (C22)         | 13.843 | 2023553    | 17.347 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.945 | 1947719    | 16.725 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.965 | 1868924    | 16.498 ug/ml |
| 16) T n-Octacosane (C28)       | 16.914 | 1853006    | 16.746 ug/ml |
| 17) T n-Tricontane (C30)       | 17.801 | 1842458    | 17.327 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.632 | 1815654    | 18.117 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.415 | 1806010    | 19.136 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.153 | 1962721    | 22.605 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.899 | 1913072    | 23.471 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.836 | 2016805    | 25.111 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

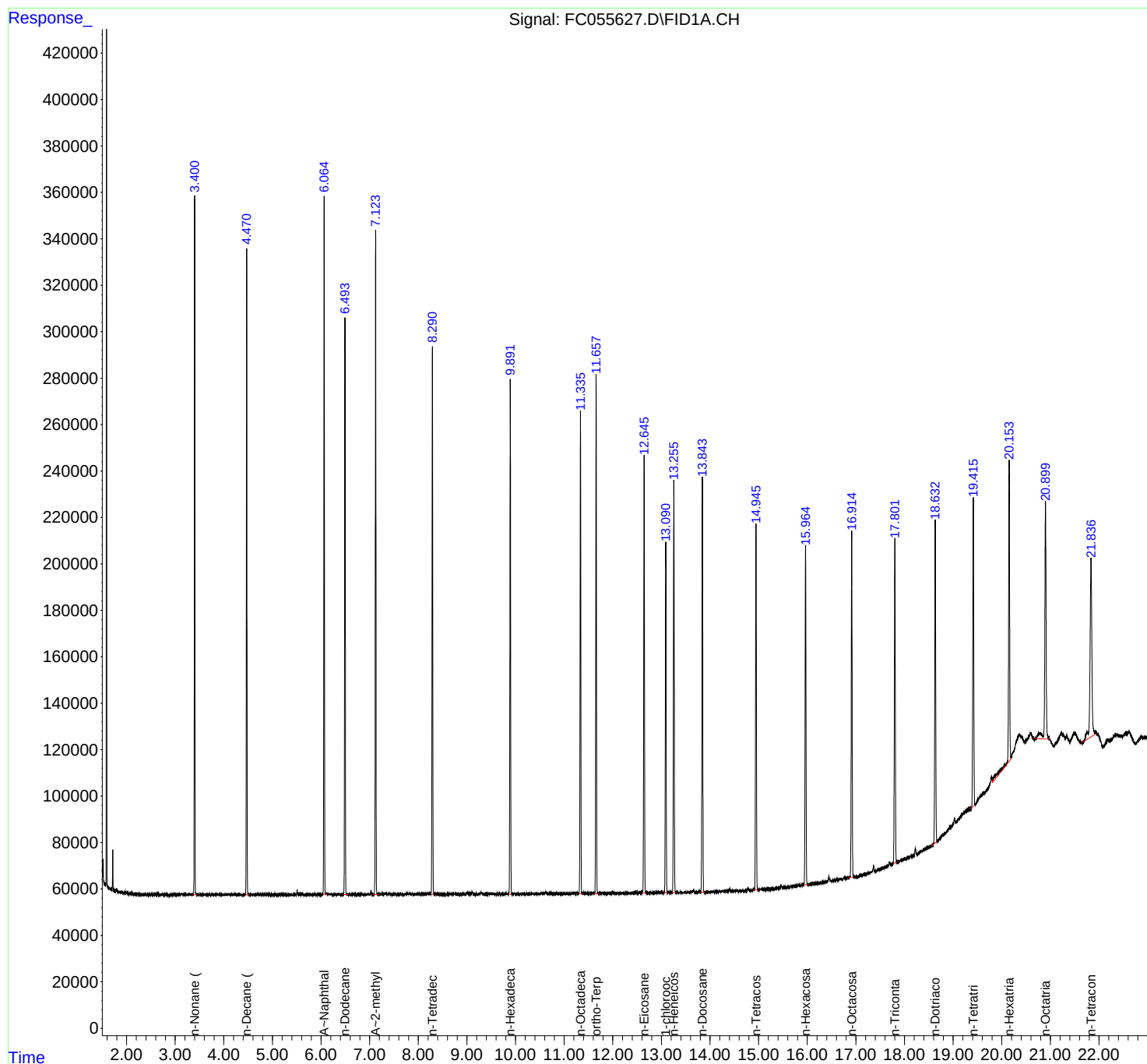
(m)=manual int.

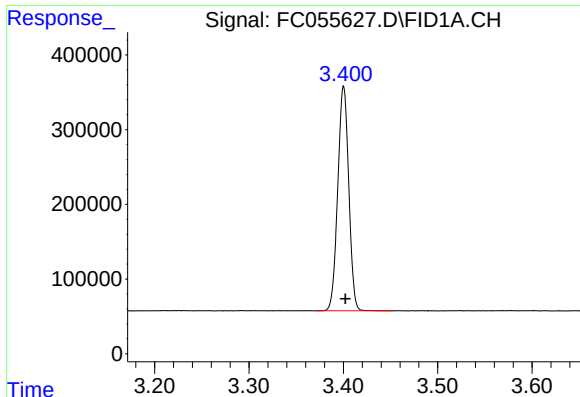
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091421AL\  
Data File : FC055627.D  
Signal(s) : FID1A.CH  
Acq On : 14 Sep 2021 13:54  
Operator : AJ\MA  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Sep 15 01:21:25 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 083021.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 31 01:45:39 2021  
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

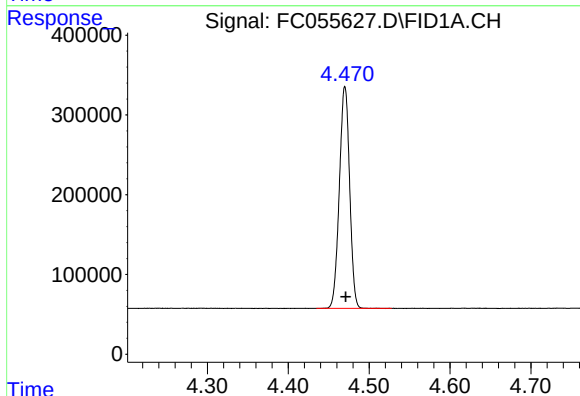




#1 n-Nonane (C9)

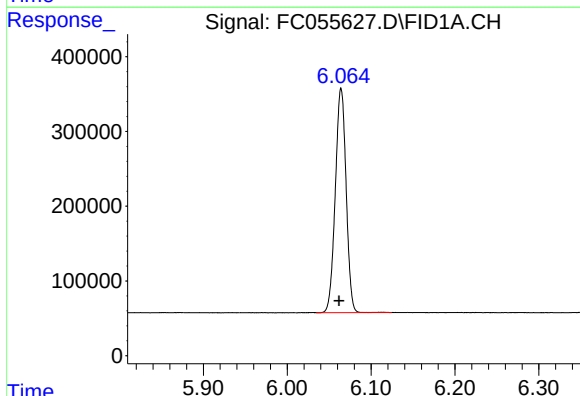
R.T.: 3.400 min  
Delta R.T.: -0.002 min  
Response: 2432697  
Conc: 22.51 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



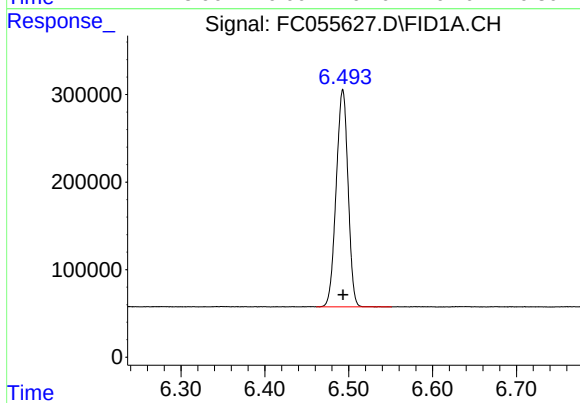
#2 n-Decane (C10)

R.T.: 4.470 min  
Delta R.T.: -0.001 min  
Response: 2457627  
Conc: 22.54 ug/ml



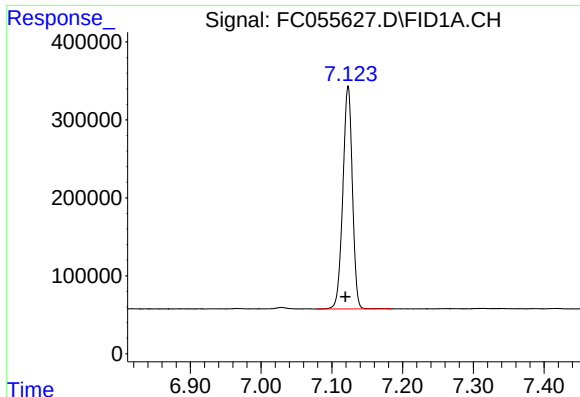
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min  
Delta R.T.: 0.002 min  
Response: 2689861  
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

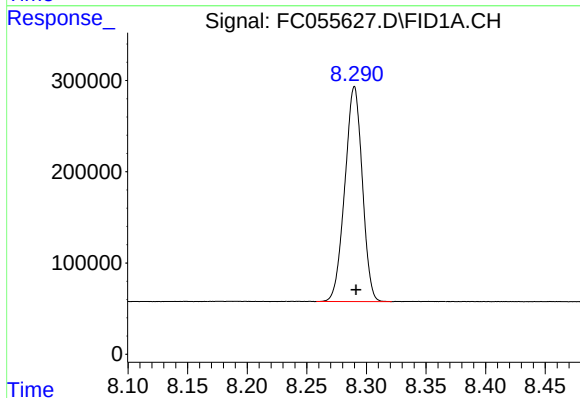
R.T.: 6.493 min  
Delta R.T.: 0.000 min  
Response: 2437350  
Conc: 22.26 ug/ml



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

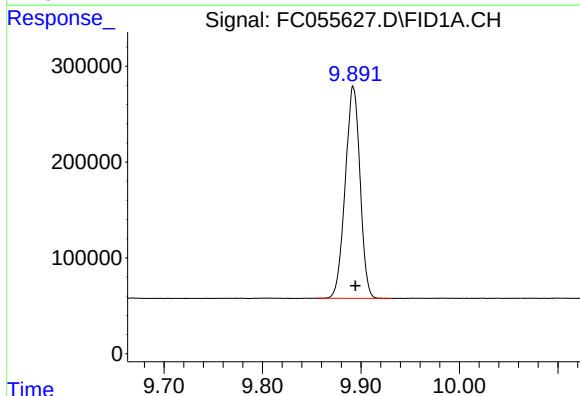
R.T.: 7.123 min  
Delta R.T.: 0.004 min  
Response: 2673693  
Conc: 21.48 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



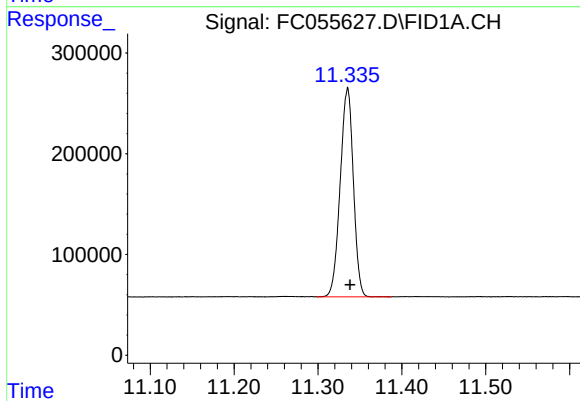
#6 n-Tetradecane (C14)

R.T.: 8.290 min  
Delta R.T.: -0.001 min  
Response: 2400380  
Conc: 21.55 ug/ml



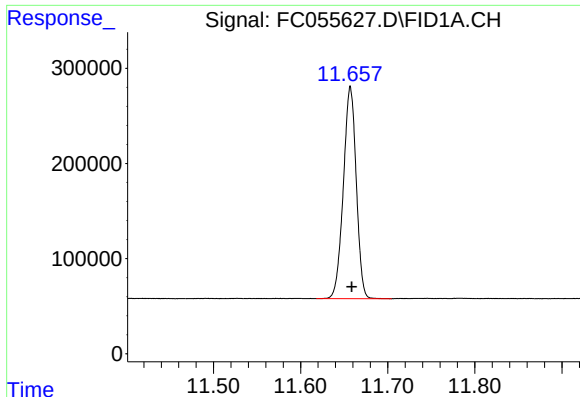
#7 n-Hexadecane (C16)

R.T.: 9.892 min  
Delta R.T.: -0.002 min  
Response: 2314234  
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

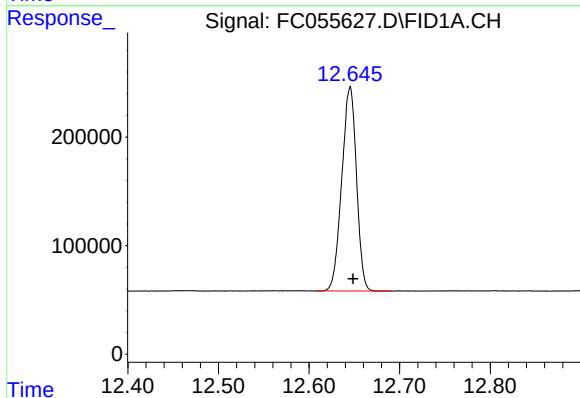
R.T.: 11.335 min  
Delta R.T.: -0.003 min  
Response: 2259853  
Conc: 19.41 ug/ml



#9 ortho-Terphenyl (SURR)

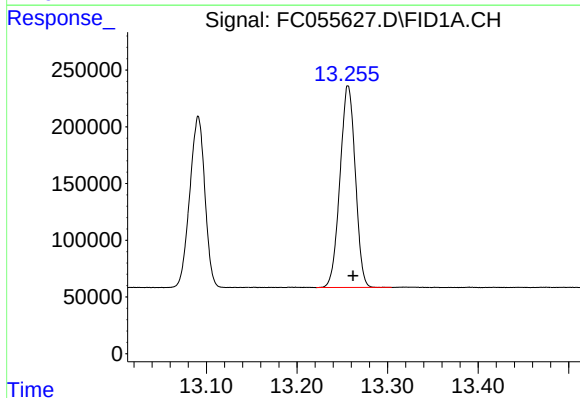
R.T.: 11.657 min  
Delta R.T.: -0.002 min  
Response: 2289320  
Conc: 18.33 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



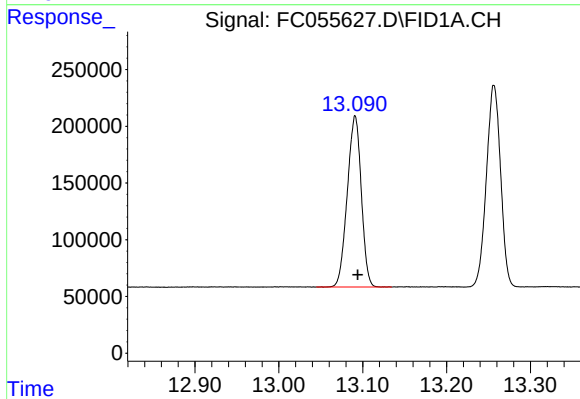
#10 n-Eicosane (C20)

R.T.: 12.645 min  
Delta R.T.: -0.004 min  
Response: 2121517  
Conc: 18.16 ug/ml



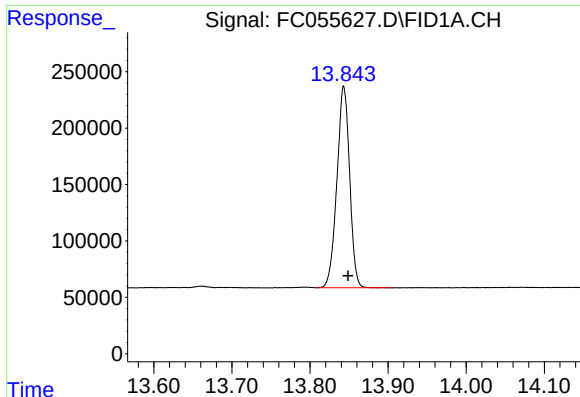
#11 n-Heneicosane (C21)

R.T.: 13.257 min  
Delta R.T.: -0.005 min  
Response: 2089559  
Conc: 17.75 ug/ml



#12 1-chlorooctadecane (SURR)

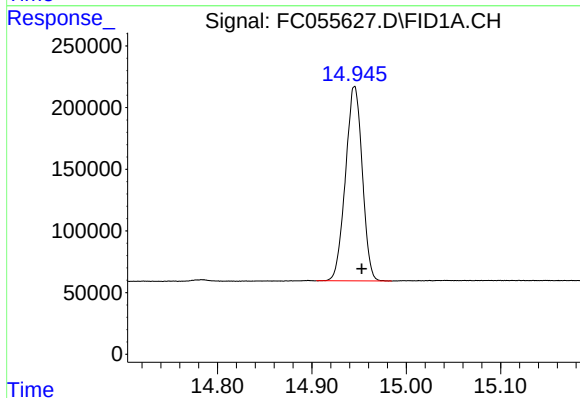
R.T.: 13.091 min  
Delta R.T.: -0.003 min  
Response: 1746184  
Conc: 17.64 ug/ml



#13 n-Docosane (C22)

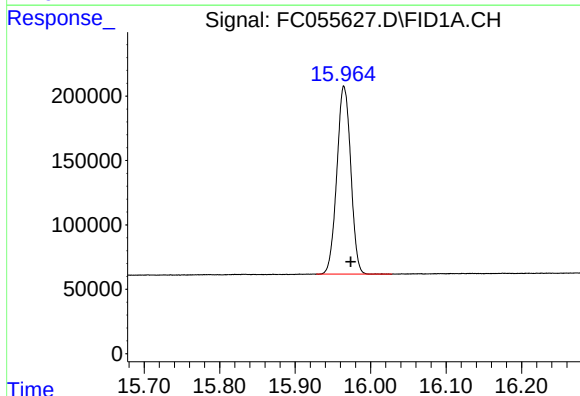
R.T.: 13.843 min  
Delta R.T.: -0.006 min  
Response: 2023553  
Conc: 17.35 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



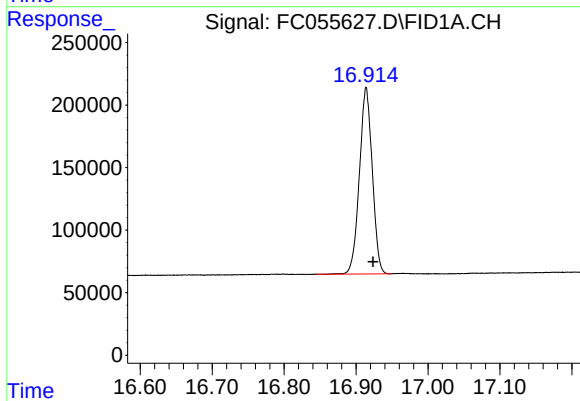
#14 n-Tetracosane (C24)

R.T.: 14.945 min  
Delta R.T.: -0.008 min  
Response: 1947719  
Conc: 16.72 ug/ml



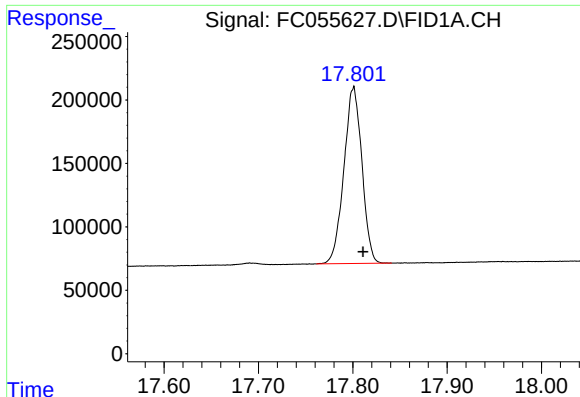
#15 n-Hexacosane (C26)

R.T.: 15.965 min  
Delta R.T.: -0.009 min  
Response: 1868924  
Conc: 16.50 ug/ml



#16 n-Octacosane (C28)

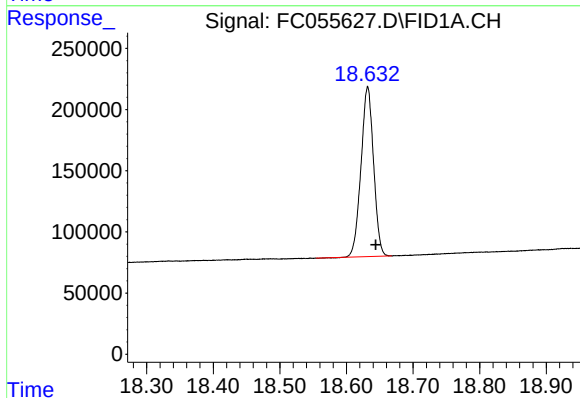
R.T.: 16.914 min  
Delta R.T.: -0.009 min  
Response: 1853006  
Conc: 16.75 ug/ml



#17 n-Tricontane (C30)

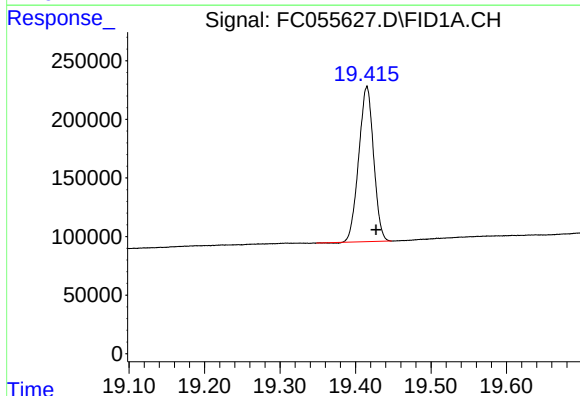
R.T.: 17.801 min  
Delta R.T.: -0.010 min  
Response: 1842458  
Conc: 17.33 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



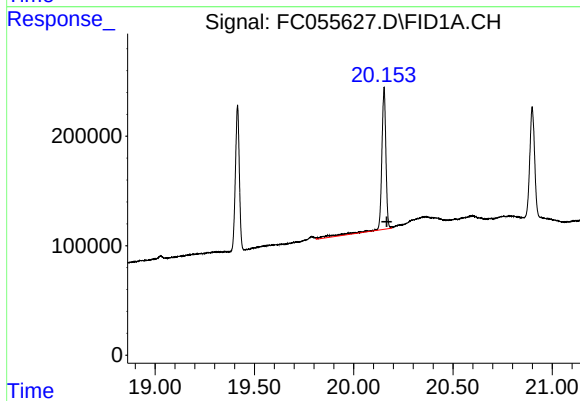
#18 n-Dotriacontane (C32)

R.T.: 18.632 min  
Delta R.T.: -0.012 min  
Response: 1815654  
Conc: 18.12 ug/ml



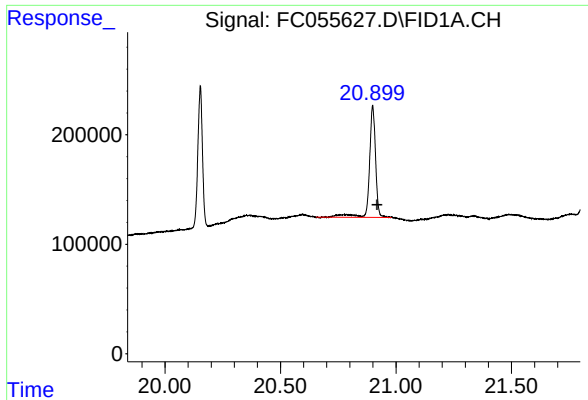
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min  
Delta R.T.: -0.012 min  
Response: 1806010  
Conc: 19.14 ug/ml



#20 n-Hexatriacontane (C36)

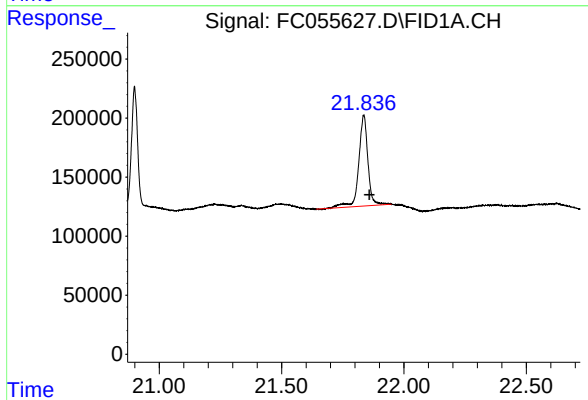
R.T.: 20.153 min  
Delta R.T.: -0.014 min  
Response: 1962721  
Conc: 22.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.899 min  
Delta R.T.: -0.019 min  
Response: 1913072  
Conc: 23.47 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.836 min  
Delta R.T.: -0.024 min  
Response: 2016805  
Conc: 25.11 ug/ml