

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC020222AL\  
 Data File : FC058243.D  
 Signal(s) : FID1A.CH  
 Acq On : 02 Feb 2022 21:36  
 Operator : AJ\MA  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 02 22:31:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 020222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 02 22:29:11 2022  
 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)    | 10.687 | 2166268    | 10.913 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.83%       |
| 12) S 1-chlorooctadecane (S... | 12.126 | 1617508    | 10.692 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.38%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.624  | 1816454    | 10.881 ug/ml |
| 2) T n-Decane (C10)            | 3.612  | 1842319    | 10.839 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.149  | 2030544    | 10.787 ug/ml |
| 4) T n-Dodecane (C12)          | 5.582  | 1869943    | 10.948 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.189  | 2027734    | 10.795 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.361  | 1889947    | 10.851 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.951  | 1913909    | 10.911 ug/ml |
| 8) T n-Octadecane (C18)        | 10.385 | 1939323    | 10.783 ug/ml |
| 10) T n-Eicosane (C20)         | 11.687 | 1905299    | 10.820 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.295 | 1907702    | 10.812 ug/ml |
| 13) T n-Docosane (C22)         | 12.879 | 1868354    | 10.758 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.976 | 1837673    | 10.772 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.992 | 1756803    | 10.724 ug/ml |
| 16) T n-Octacosane (C28)       | 15.939 | 1722377    | 10.760 ug/ml |
| 17) T n-Tricontane (C30)       | 16.822 | 1698399    | 10.958 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.652 | 1724728    | 11.641 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.433 | 1533782    | 11.313 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.172 | 1416279    | 11.323 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.874 | 1328951    | 11.258 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.694 | 1305031    | 11.106 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

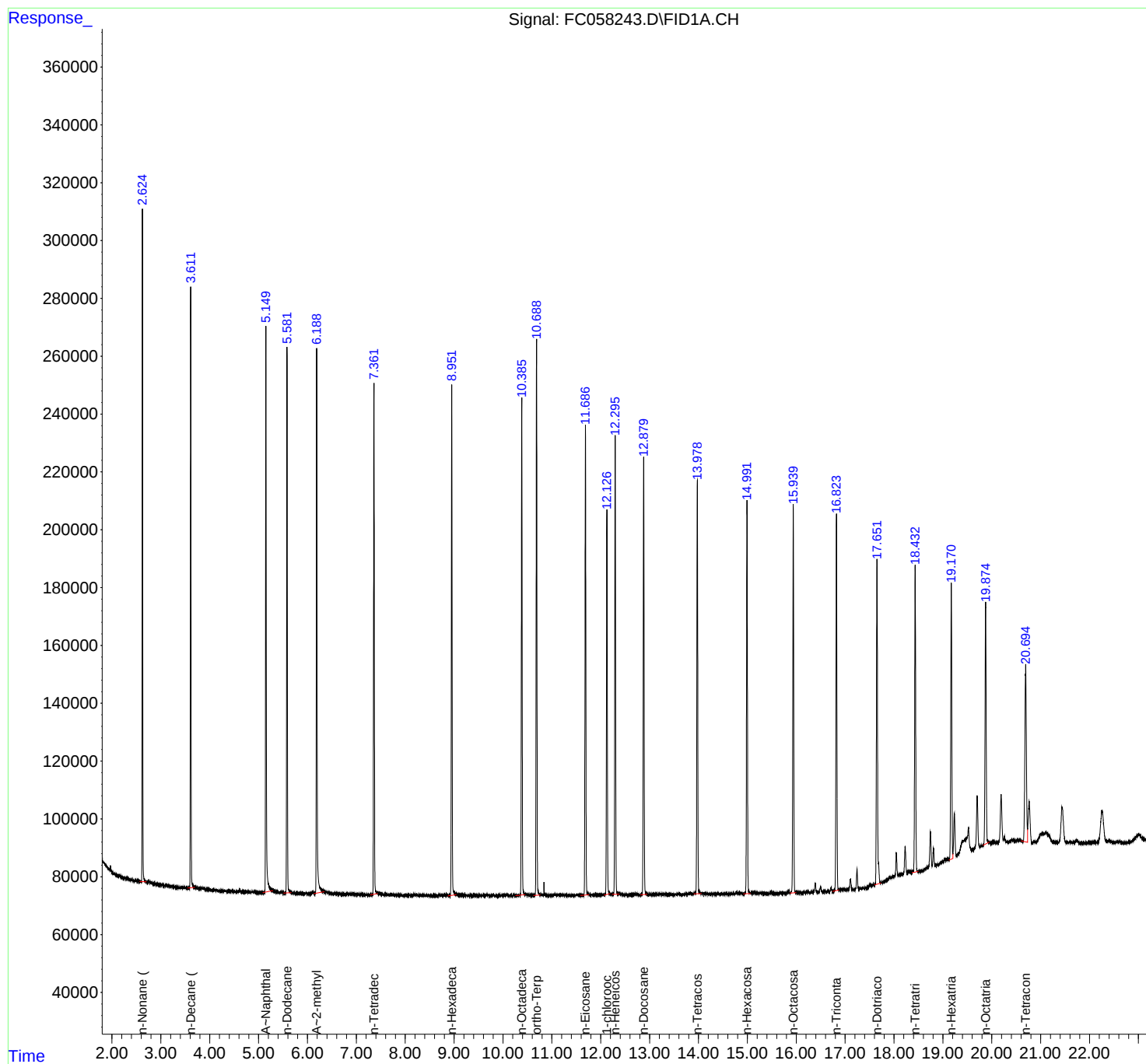
(m)=manual int.

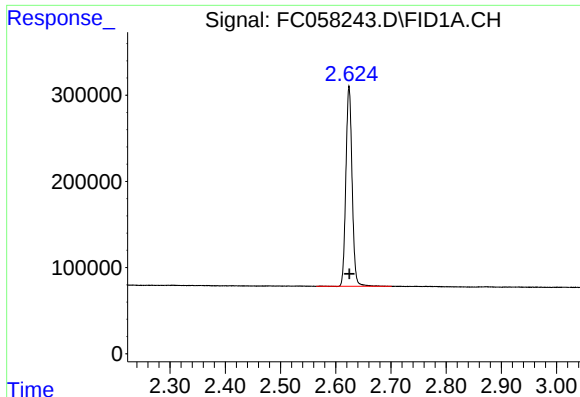
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC020222AL\  
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Volume Inj. : 1 ul  
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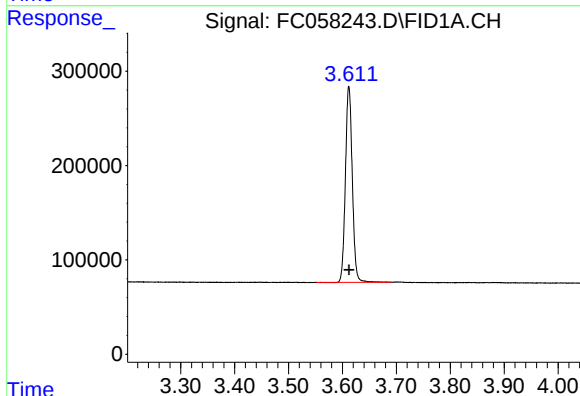




#1 n-Nonane (C9)

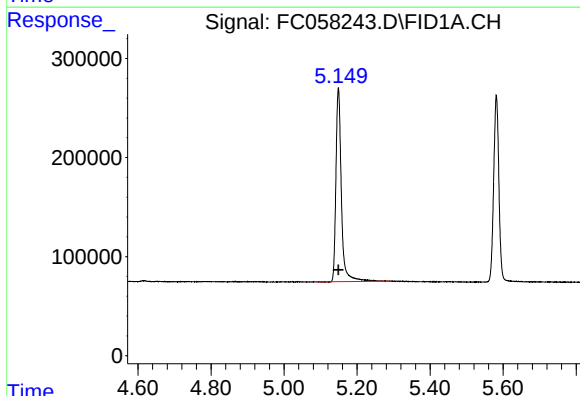
R.T.: 2.624 min  
Delta R.T.: 0.000 min  
Response: 1816454  
Conc: 10.88 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



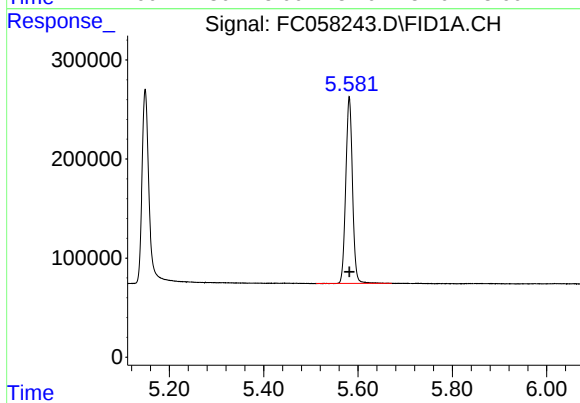
#2 n-Decane (C10)

R.T.: 3.612 min  
Delta R.T.: 0.000 min  
Response: 1842319  
Conc: 10.84 ug/ml



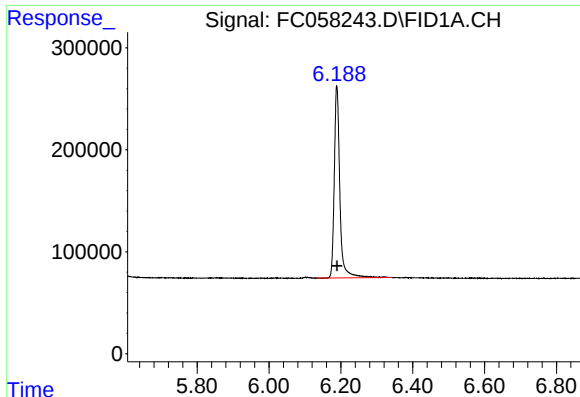
#3 A~Naphthalene (C11.7)

R.T.: 5.149 min  
Delta R.T.: 0.000 min  
Response: 2030544  
Conc: 10.79 ug/ml



#4 n-Dodecane (C12)

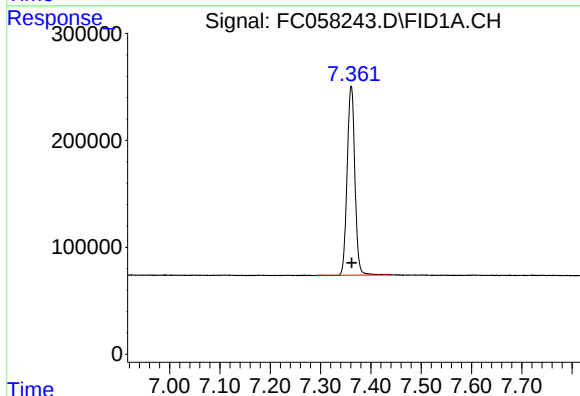
R.T.: 5.582 min  
Delta R.T.: 0.000 min  
Response: 1869943  
Conc: 10.95 ug/ml



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

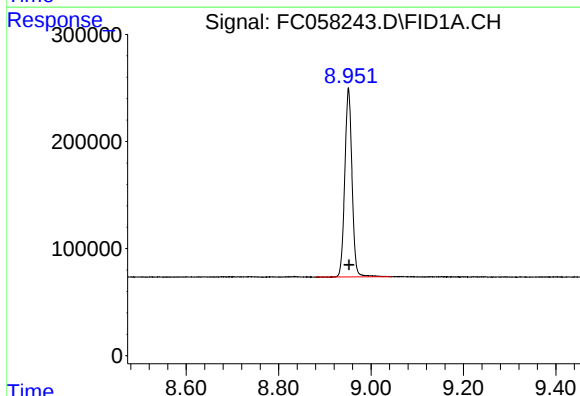
R.T.: 6.189 min  
Delta R.T.: 0.000 min  
Response: 2027734  
Conc: 10.79 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



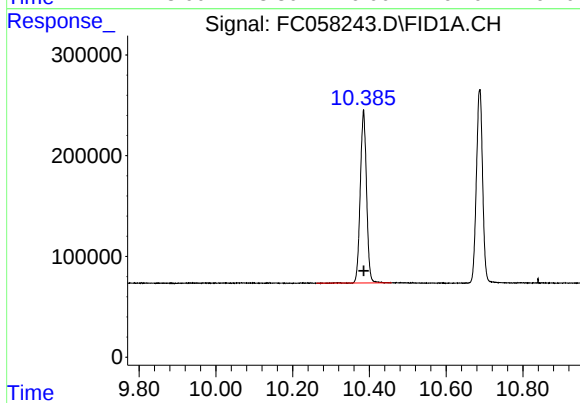
#6 n-Tetradecane (C14)

R.T.: 7.361 min  
Delta R.T.: -0.001 min  
Response: 1889947  
Conc: 10.85 ug/ml



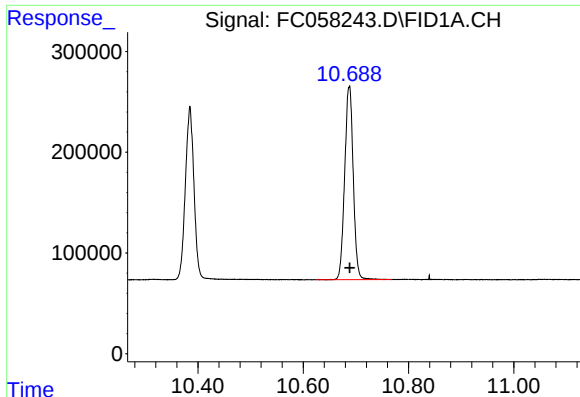
#7 n-Hexadecane (C16)

R.T.: 8.951 min  
Delta R.T.: -0.001 min  
Response: 1913909  
Conc: 10.91 ug/ml



#8 n-Octadecane (C18)

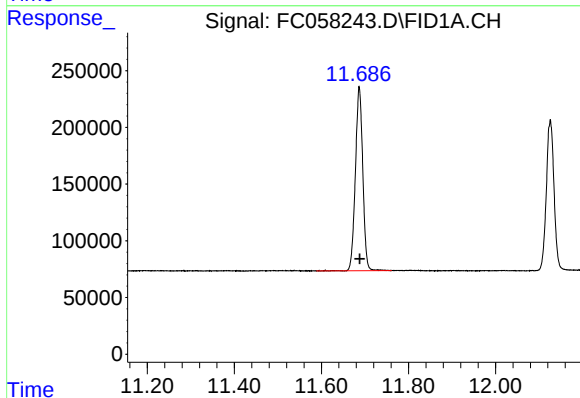
R.T.: 10.385 min  
Delta R.T.: 0.000 min  
Response: 1939323  
Conc: 10.78 ug/ml



#9 ortho-Terphenyl (SURR)

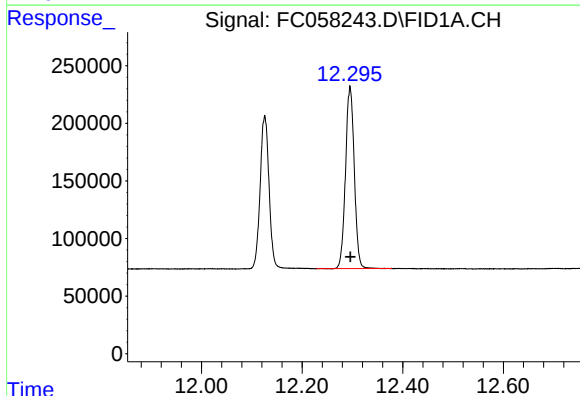
R.T.: 10.687 min  
Delta R.T.: -0.001 min  
Response: 2166268  
Conc: 10.91 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



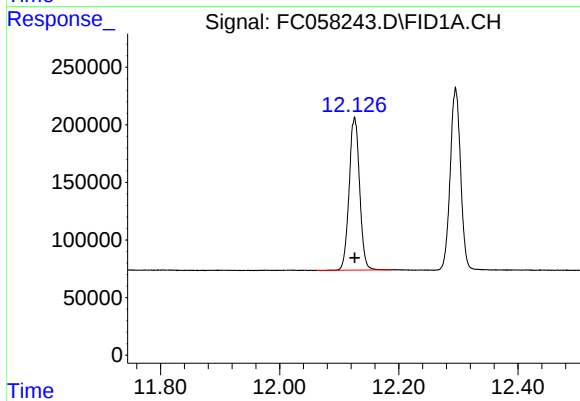
#10 n-Eicosane (C20)

R.T.: 11.687 min  
Delta R.T.: -0.001 min  
Response: 1905299  
Conc: 10.82 ug/ml



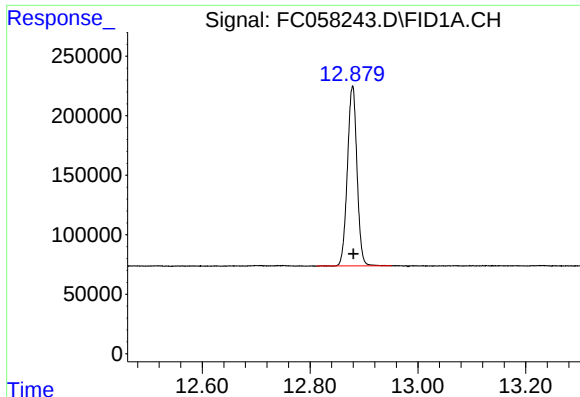
#11 n-Heneicosane (C21)

R.T.: 12.295 min  
Delta R.T.: -0.001 min  
Response: 1907702  
Conc: 10.81 ug/ml



#12 1-chlorooctadecane (SURR)

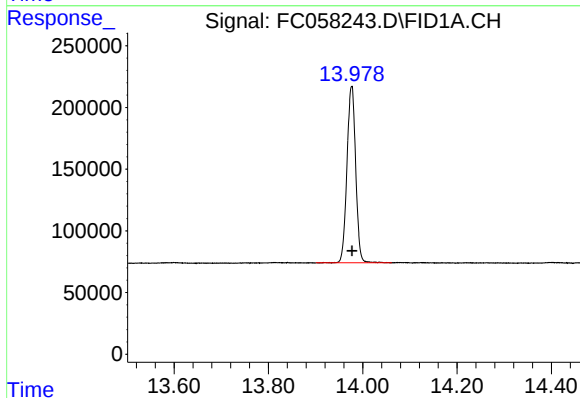
R.T.: 12.126 min  
Delta R.T.: 0.000 min  
Response: 1617508  
Conc: 10.69 ug/ml



#13 n-Docosane (C22)

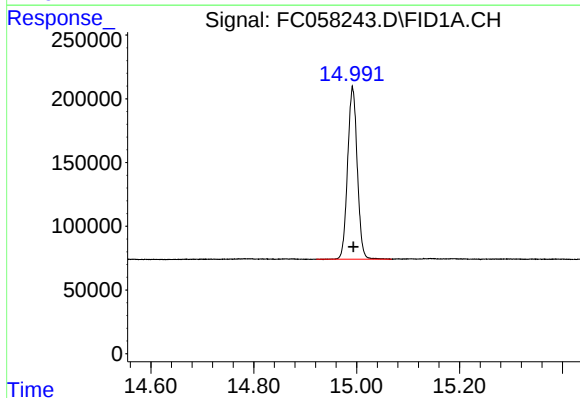
R.T.: 12.879 min  
Delta R.T.: -0.002 min  
Response: 1868354  
Conc: 10.76 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



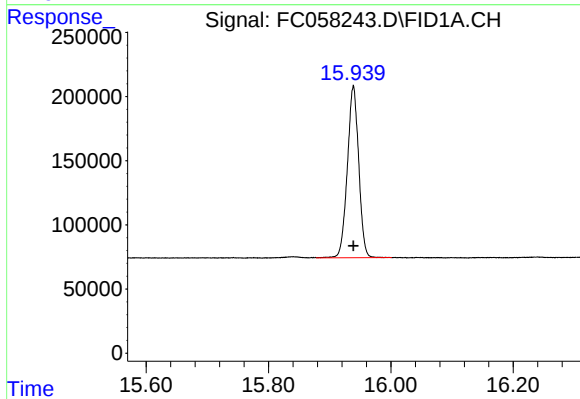
#14 n-Tetracosane (C24)

R.T.: 13.976 min  
Delta R.T.: 0.000 min  
Response: 1837673  
Conc: 10.77 ug/ml



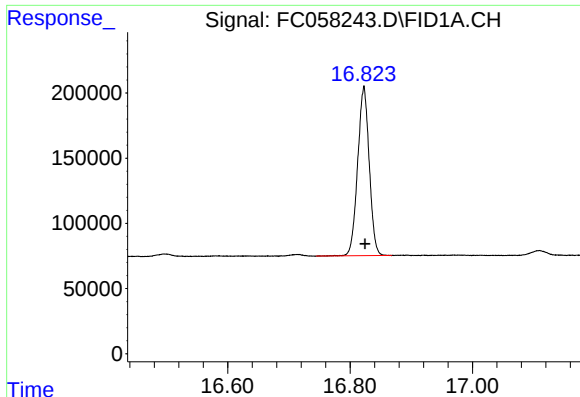
#15 n-Hexacosane (C26)

R.T.: 14.992 min  
Delta R.T.: -0.001 min  
Response: 1756803  
Conc: 10.72 ug/ml



#16 n-Octacosane (C28)

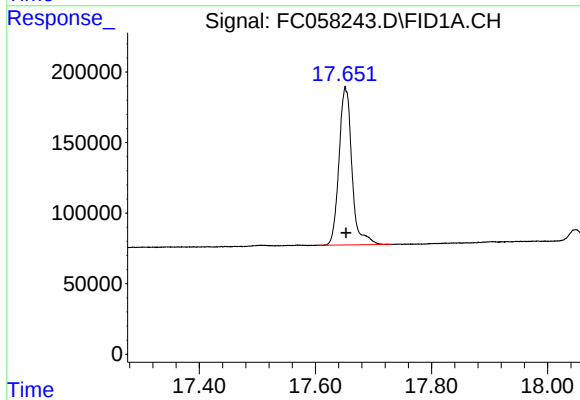
R.T.: 15.939 min  
Delta R.T.: 0.000 min  
Response: 1722377  
Conc: 10.76 ug/ml



#17 n-Tricontane (C30)

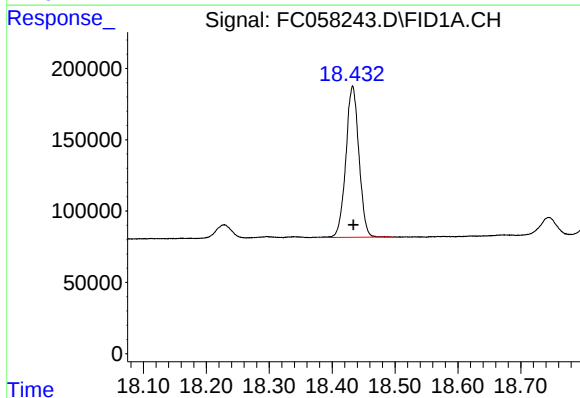
R.T.: 16.822 min  
Delta R.T.: -0.002 min  
Response: 1698399  
Conc: 10.96 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



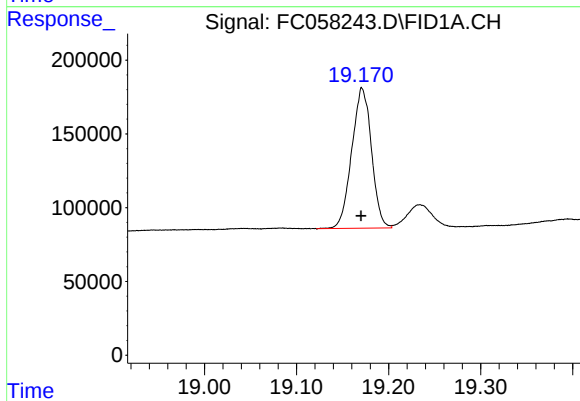
#18 n-Dotriacontane (C32)

R.T.: 17.652 min  
Delta R.T.: -0.001 min  
Response: 1724728  
Conc: 11.64 ug/ml



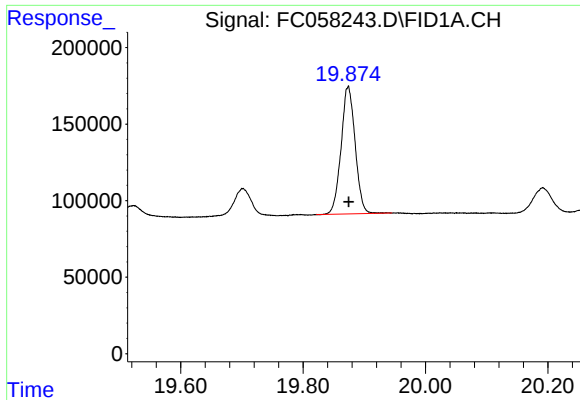
#19 n-Tetratriacontane (C34)

R.T.: 18.433 min  
Delta R.T.: -0.001 min  
Response: 1533782  
Conc: 11.31 ug/ml



#20 n-Hexatriacontane (C36)

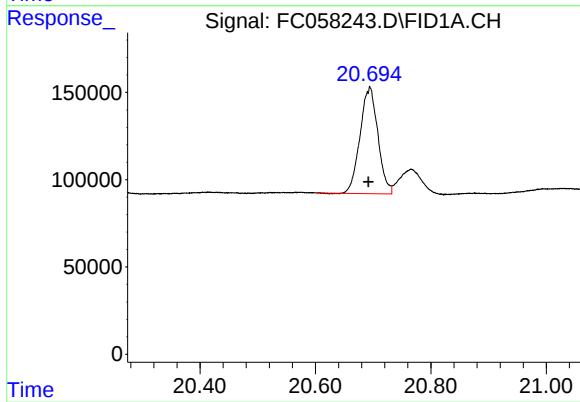
R.T.: 19.172 min  
Delta R.T.: 0.001 min  
Response: 1416279  
Conc: 11.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.874 min  
Delta R.T.: 0.000 min  
Response: 1328951  
Conc: 11.26 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.694 min  
Delta R.T.: 0.002 min  
Response: 1305031  
Conc: 11.11 ug/ml