

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC012722AL\  
 Data File : FC058157.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 Jan 2022 12:42  
 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: Jan 28 01:02:40 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 12:13:43 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)    | 10.695 | 3974582    | 20.555 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.11%       |
| 12) S 1-chlorooctadecane (S... | 12.133 | 3021735    | 20.502 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.628  | 3657167    | 22.870 ug/ml |
| 2) T n-Decane (C10)            | 3.616  | 3752622    | 23.347 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.154  | 4150278    | 22.856 ug/ml |
| 4) T n-Dodecane (C12)          | 5.587  | 3782817    | 23.455 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.195  | 4131473    | 22.593 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.368  | 3841793    | 23.270 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.959  | 3808139    | 22.798 ug/ml |
| 8) T n-Octadecane (C18)        | 10.392 | 3784842    | 21.994 ug/ml |
| 10) T n-Eicosane (C20)         | 11.694 | 3586332    | 20.949 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.302 | 3548307    | 20.520 ug/ml |
| 13) T n-Docosane (C22)         | 12.886 | 3468158    | 20.047 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.984 | 3397544    | 19.627 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.001 | 3298203    | 19.598 ug/ml |
| 16) T n-Octacosane (C28)       | 15.948 | 3392567    | 20.731 ug/ml |
| 17) T n-Tricontane (C30)       | 16.832 | 3518930    | 22.539 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.662 | 3367091    | 24.150 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.443 | 2995183    | 24.099 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.180 | 2392180    | 21.516 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.883 | 2056697    | 19.716 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.706 | 1815403    | 18.959 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

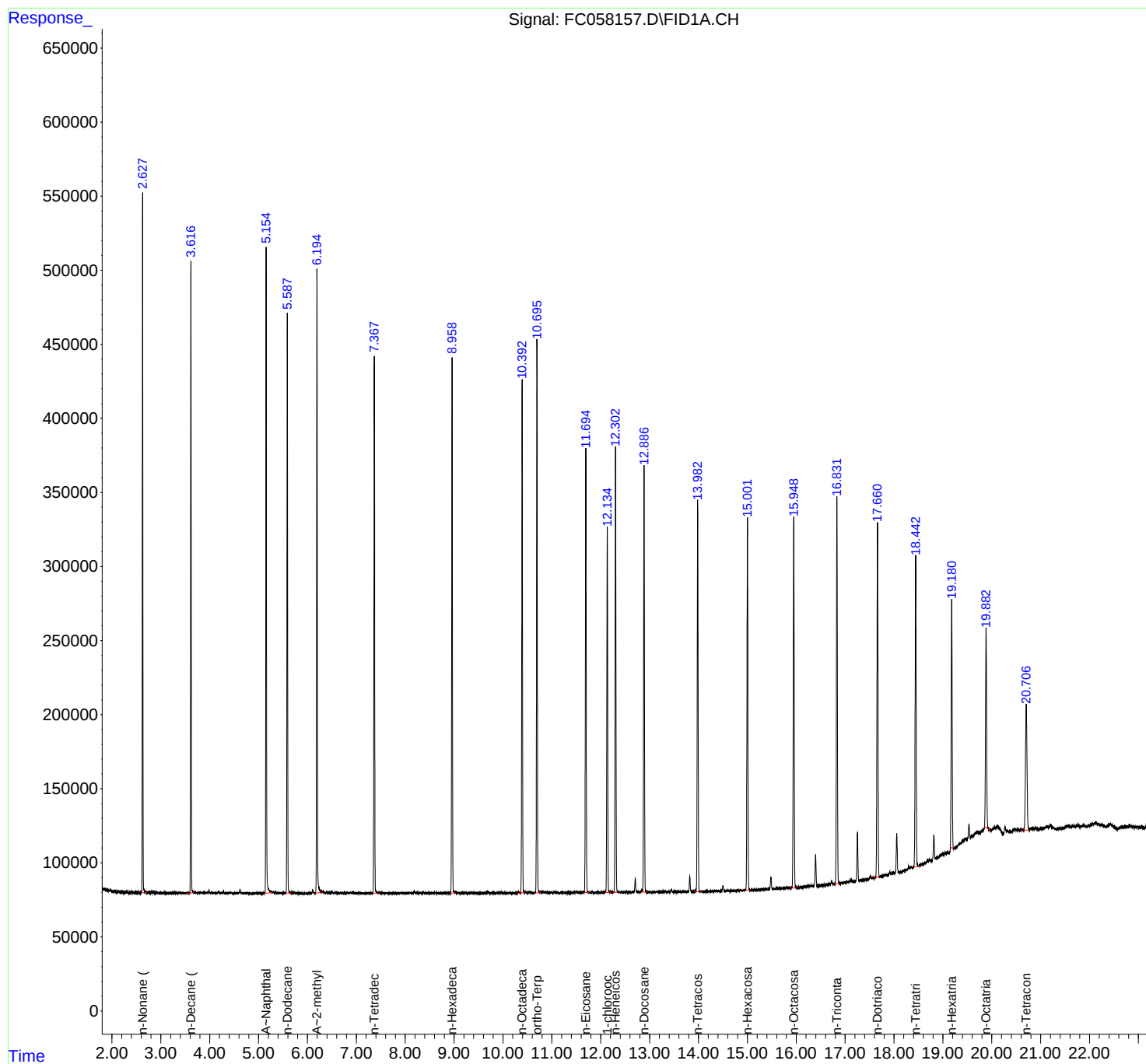
(m)=manual int.

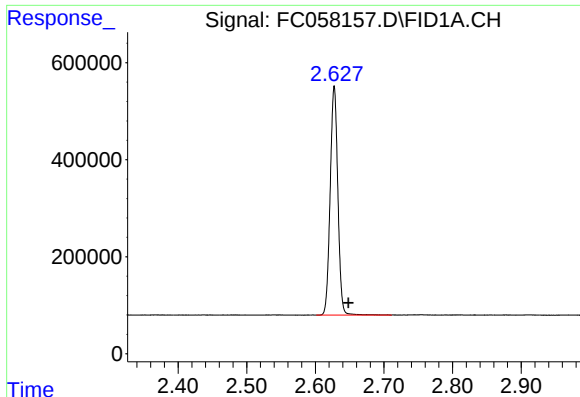
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC012722AL\  
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Acq On : 27 Jan 2022 12:42  
Operator : AJ\MA  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010522.M  
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QLast Update : Wed Jan 05 12:13:43 2022  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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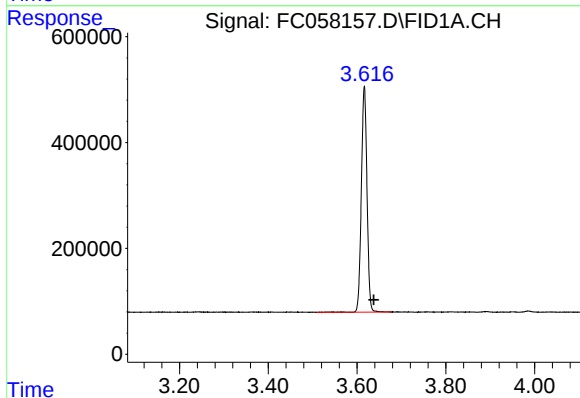




#1 n-Nonane (C9)

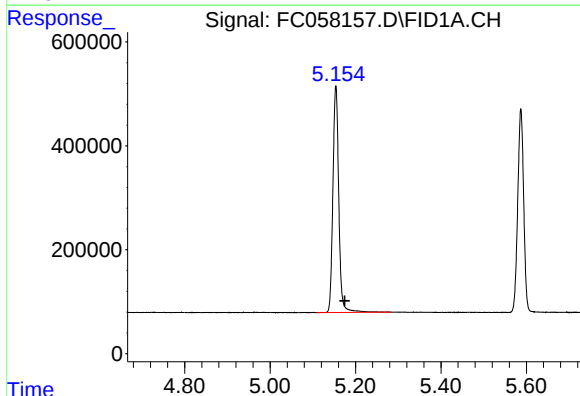
R.T.: 2.628 min  
Delta R.T.: -0.020 min  
Response: 3657167  
Conc: 22.87 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



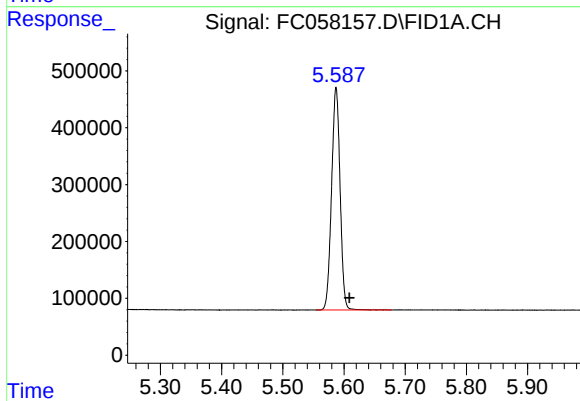
#2 n-Decane (C10)

R.T.: 3.616 min  
Delta R.T.: -0.022 min  
Response: 3752622  
Conc: 23.35 ug/ml



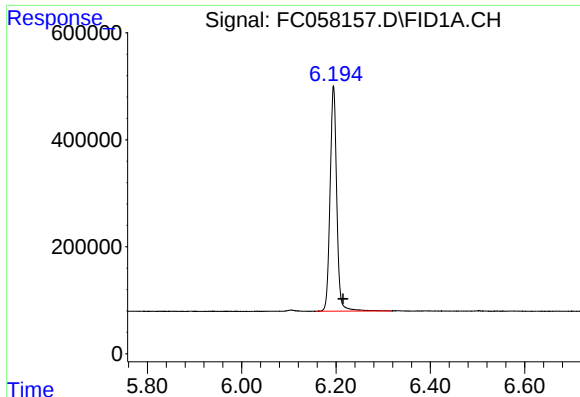
#3 A~Naphthalene (C11.7)

R.T.: 5.154 min  
Delta R.T.: -0.021 min  
Response: 4150278  
Conc: 22.86 ug/ml



#4 n-Dodecane (C12)

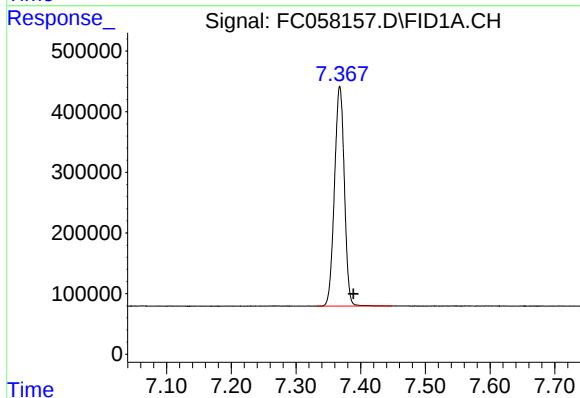
R.T.: 5.587 min  
Delta R.T.: -0.022 min  
Response: 3782817  
Conc: 23.46 ug/ml



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

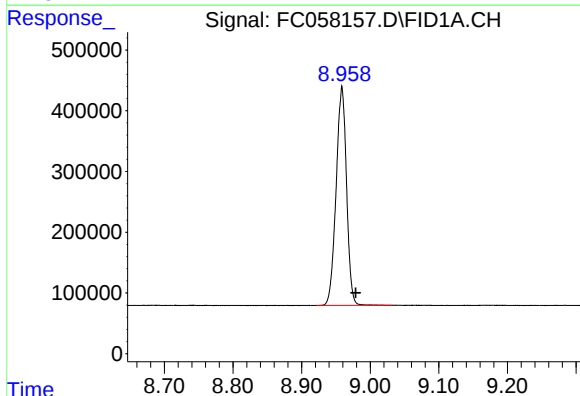
R.T.: 6.195 min  
Delta R.T.: -0.020 min  
Response: 4131473  
Conc: 22.59 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



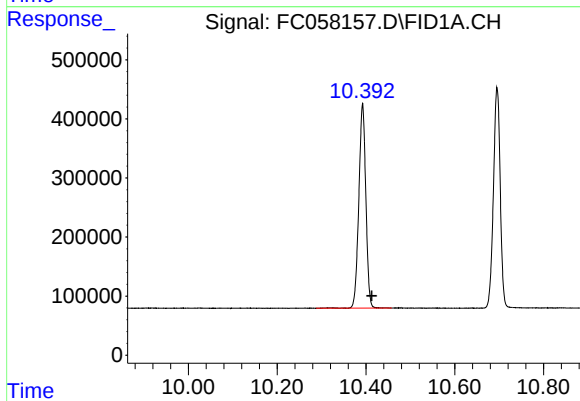
#6 n-Tetradecane (C14)

R.T.: 7.368 min  
Delta R.T.: -0.021 min  
Response: 3841793  
Conc: 23.27 ug/ml



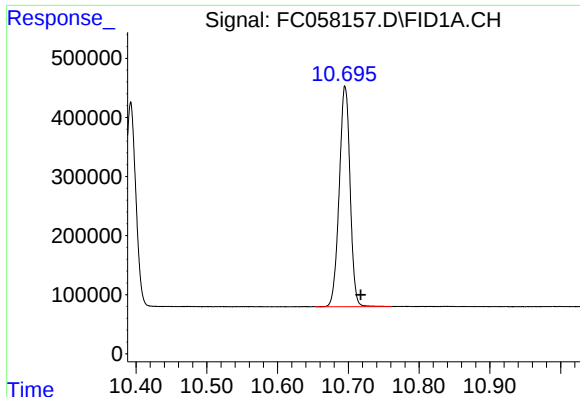
#7 n-Hexadecane (C16)

R.T.: 8.959 min  
Delta R.T.: -0.020 min  
Response: 3808139  
Conc: 22.80 ug/ml



#8 n-Octadecane (C18)

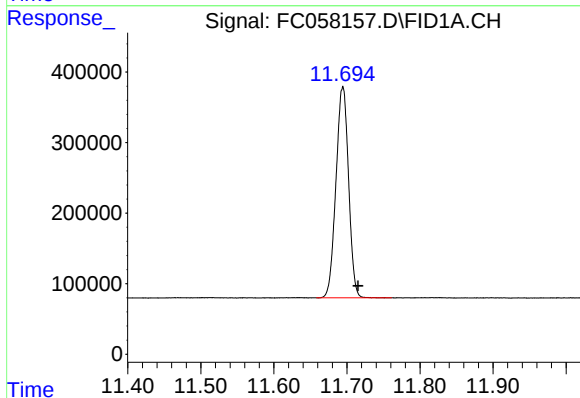
R.T.: 10.392 min  
Delta R.T.: -0.021 min  
Response: 3784842  
Conc: 21.99 ug/ml



#9 ortho-Terphenyl (SURR)

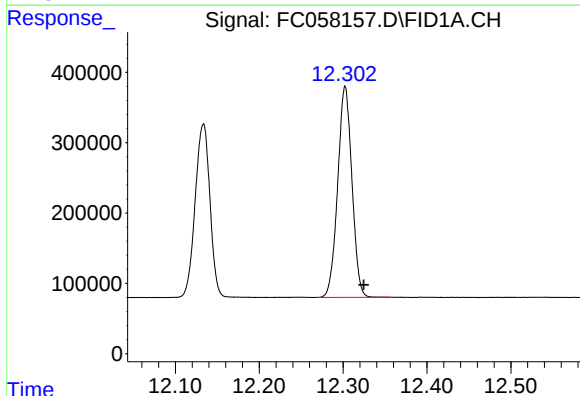
R.T.: 10.695 min  
Delta R.T.: -0.022 min  
Response: 3974582  
Conc: 20.55 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



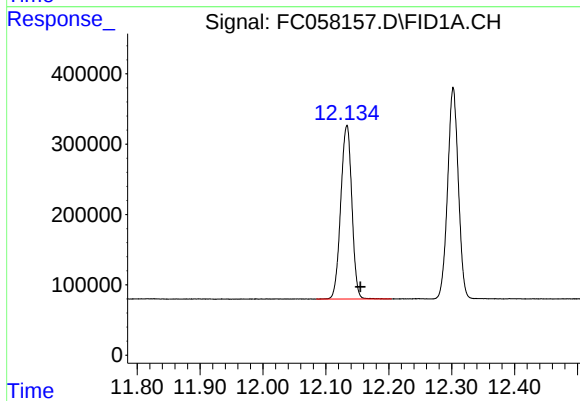
#10 n-Eicosane (C20)

R.T.: 11.694 min  
Delta R.T.: -0.021 min  
Response: 3586332  
Conc: 20.95 ug/ml



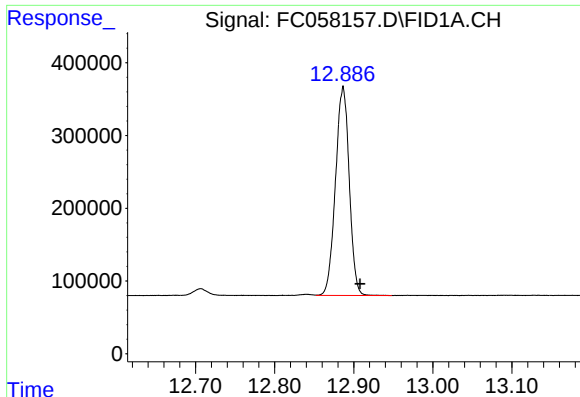
#11 n-Heneicosane (C21)

R.T.: 12.302 min  
Delta R.T.: -0.022 min  
Response: 3548307  
Conc: 20.52 ug/ml



#12 1-chlorooctadecane (SURR)

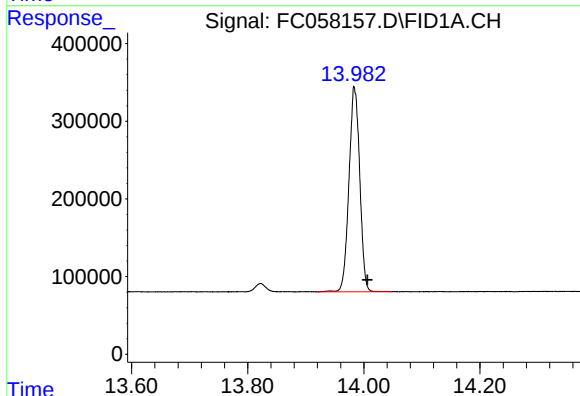
R.T.: 12.133 min  
Delta R.T.: -0.021 min  
Response: 3021735  
Conc: 20.50 ug/ml



#13 n-Docosane (C22)

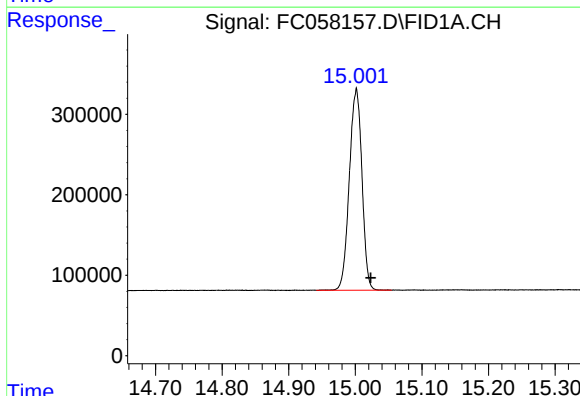
R.T.: 12.886 min  
Delta R.T.: -0.022 min  
Response: 3468158  
Conc: 20.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



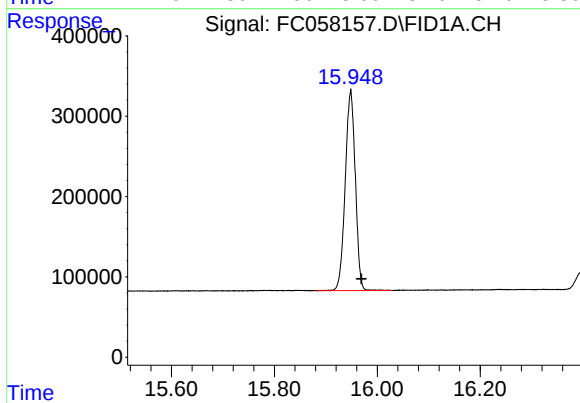
#14 n-Tetracosane (C24)

R.T.: 13.984 min  
Delta R.T.: -0.022 min  
Response: 3397544  
Conc: 19.63 ug/ml



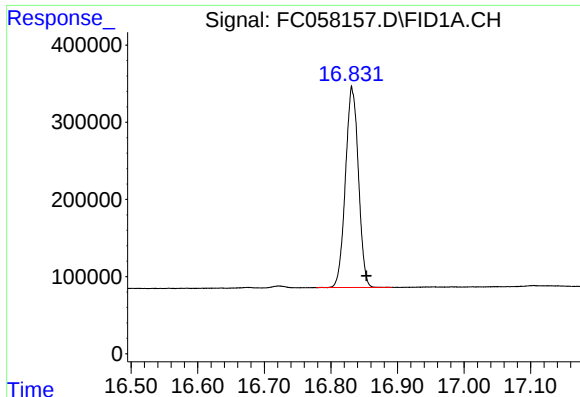
#15 n-Hexacosane (C26)

R.T.: 15.001 min  
Delta R.T.: -0.022 min  
Response: 3298203  
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

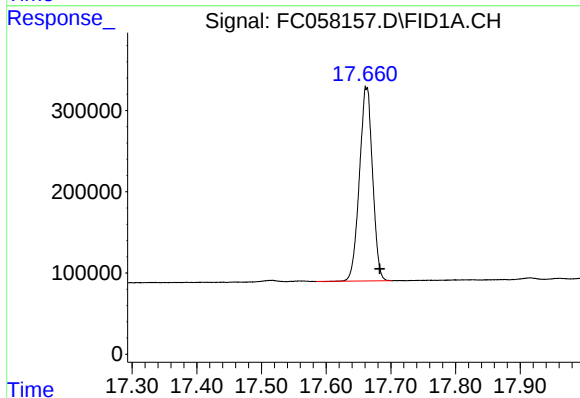
R.T.: 15.948 min  
Delta R.T.: -0.021 min  
Response: 3392567  
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

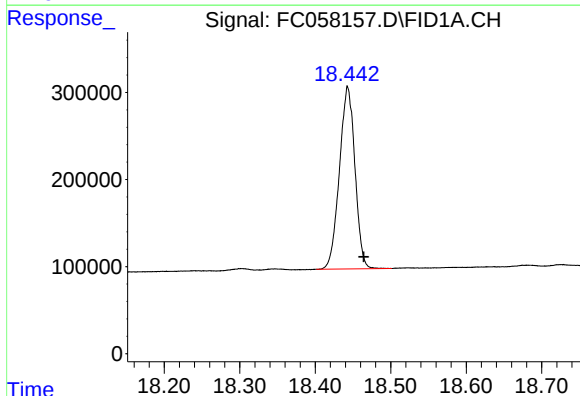
R.T.: 16.832 min  
Delta R.T.: -0.021 min  
Response: 3518930  
Conc: 22.54 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



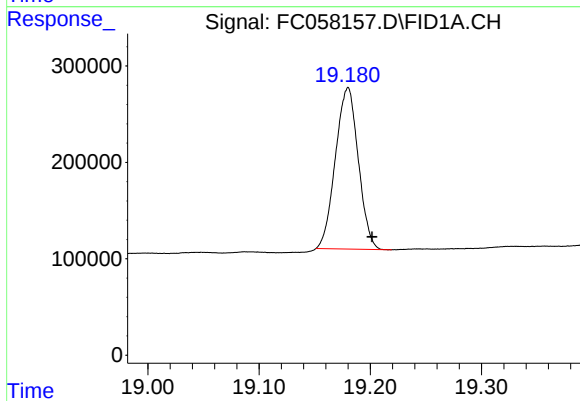
#18 n-Dotriacontane (C32)

R.T.: 17.662 min  
Delta R.T.: -0.021 min  
Response: 3367091  
Conc: 24.15 ug/ml



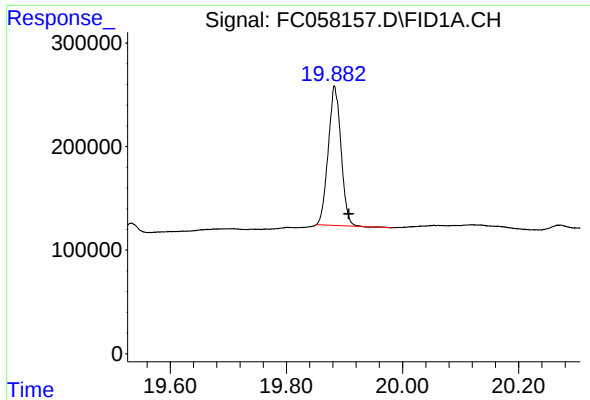
#19 n-Tetratriacontane (C34)

R.T.: 18.443 min  
Delta R.T.: -0.021 min  
Response: 2995183  
Conc: 24.10 ug/ml



#20 n-Hexatriacontane (C36)

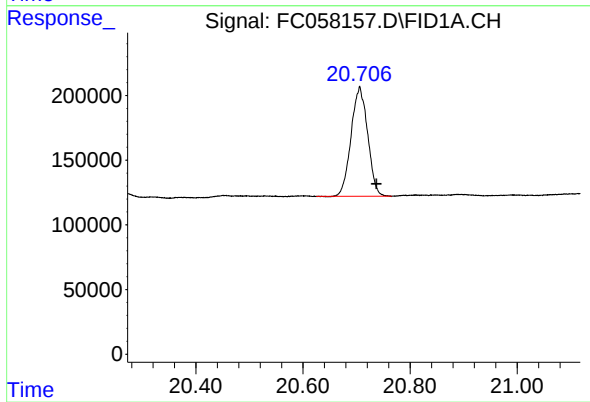
R.T.: 19.180 min  
Delta R.T.: -0.022 min  
Response: 2392180  
Conc: 21.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.883 min  
Delta R.T.: -0.024 min  
Response: 2056697  
Conc: 19.72 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.706 min  
Delta R.T.: -0.031 min  
Response: 1815403  
Conc: 18.96 ug/ml