

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112221AL\  
 Data File : FC057012.D  
 Signal(s) : FID1A.CH  
 Acq On : 23 Nov 2021 5:38  
 Operator : AJ\MA  
 Sample : PB140938BSD  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB140938BSD

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 11/23/2021  
 Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e  
 Quant Time: Nov 23 06:11:57 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 111921.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Nov 19 00:52:49 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)    | 11.598 | 6315028    | 54.418 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 108.84%       |
| 12) S 1-chlorooctadecane (S... | 13.027 | 5117024    | 56.208 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 112.42%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.363  | 4437395    | 43.791 ug/ml  |
| 2) T n-Decane (C10)            | 4.429  | 5290389    | 52.830 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.016  | 6707118    | 60.067 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.444  | 6459121    | 63.705 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.072  | 6912897    | 62.696 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.241  | 6985068    | 68.941 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.837  | 7158144    | 69.756 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.277 | 7305828    | 68.191 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.585 | 7075820    | 66.157 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.194 | 6984306    | 64.494 ug/ml  |
| 13) T n-Docosane (C22)         | 13.780 | 6876414    | 64.185 ug/mlm |
| 14) T n-Tetracosane (C24)      | 14.877 | 12841928   | 118.626 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.898 | 6450715    | 60.560 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.842 | 6266426    | 58.748 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.729 | 5887361    | 55.236 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.555 | 5587390    | 52.971 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.334 | 5253931    | 50.573 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.069 | 4948233    | 48.989 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.799 | 4741779    | 51.655 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.706 | 4951185    | 54.962 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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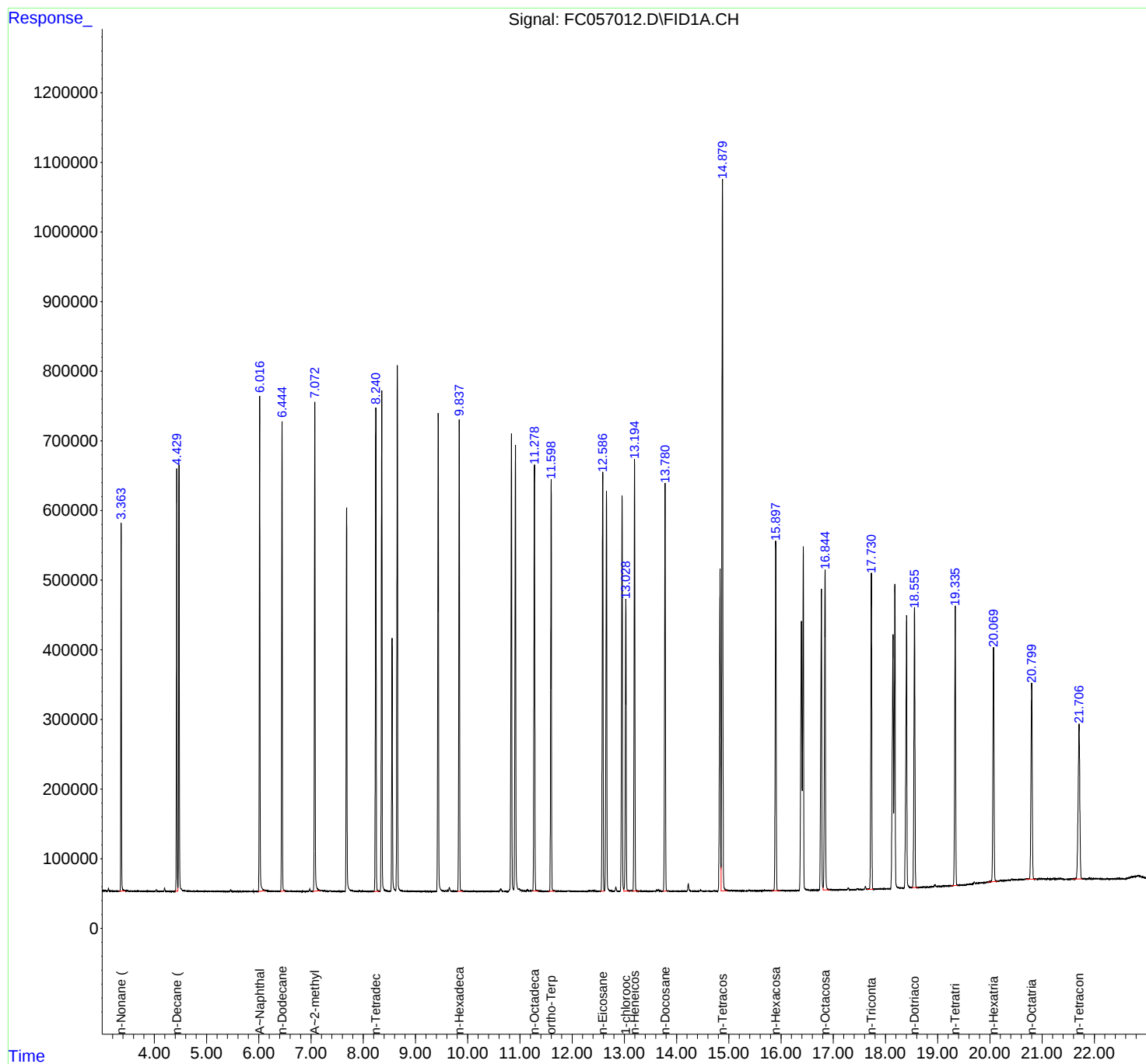
Instrument :  
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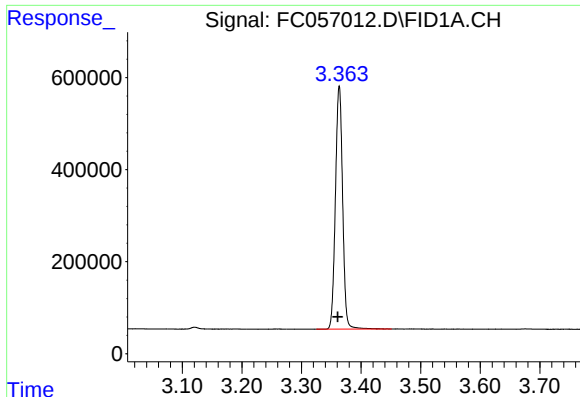
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#1 n-Nonane (C9)

R.T.: 3.363 min  
Delta R.T.: 0.002 min  
Response: 4437395  
Conc: 43.79 ug/ml

Instrument :

FID\_C

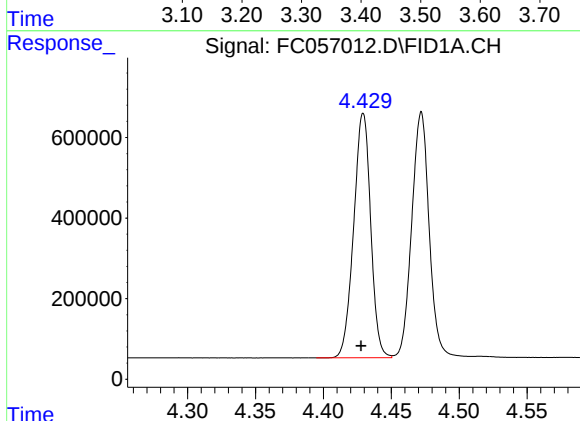
ClientSampleId :

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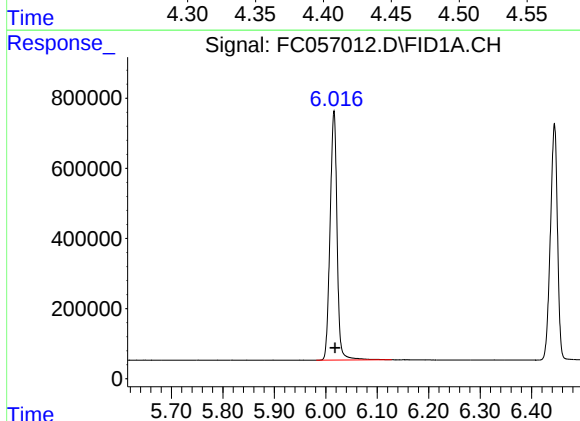
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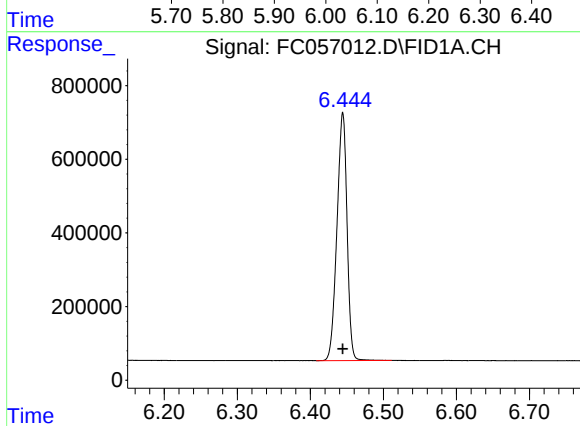
#2 n-Decane (C10)

R.T.: 4.429 min  
Delta R.T.: 0.001 min  
Response: 5290389  
Conc: 52.83 ug/ml



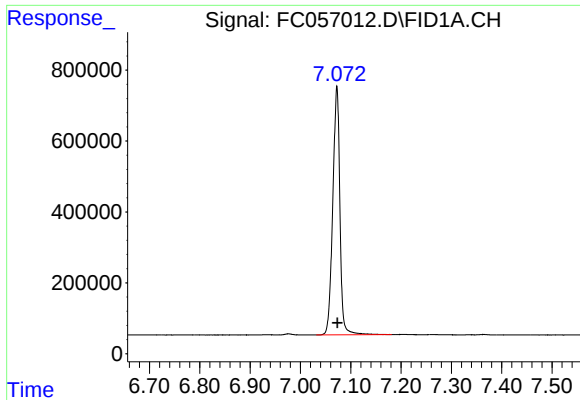
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min  
Delta R.T.: -0.002 min  
Response: 6707118  
Conc: 60.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.444 min  
Delta R.T.: 0.000 min  
Response: 6459121  
Conc: 63.70 ug/ml



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

R.T.: 7.072 min  
Delta R.T.: -0.001 min  
Response: 6912897  
Conc: 62.70 ug/ml

Instrument :

FID\_C

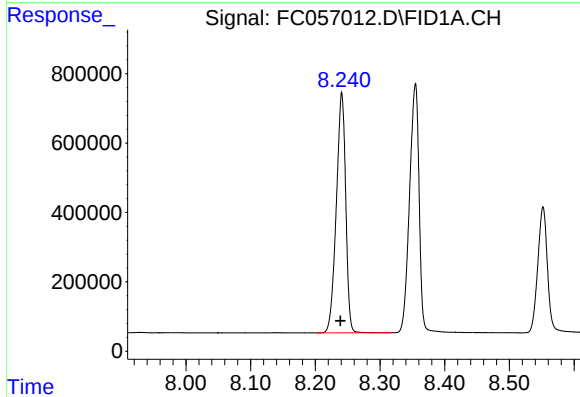
ClientSampleId :

PB140938BSD

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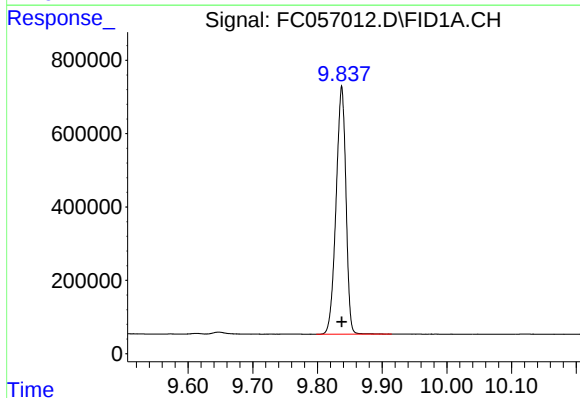
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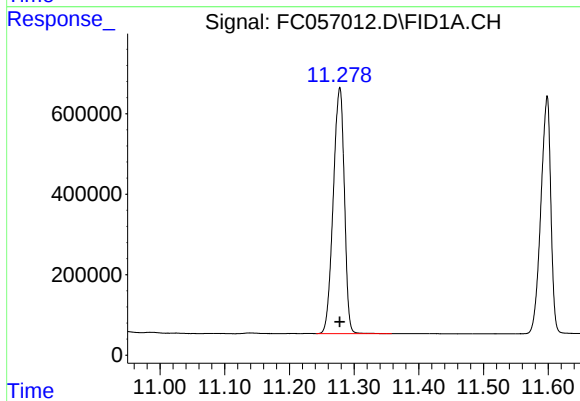
#6 n-Tetradecane (C14)

R.T.: 8.241 min  
Delta R.T.: 0.002 min  
Response: 6985068  
Conc: 68.94 ug/ml



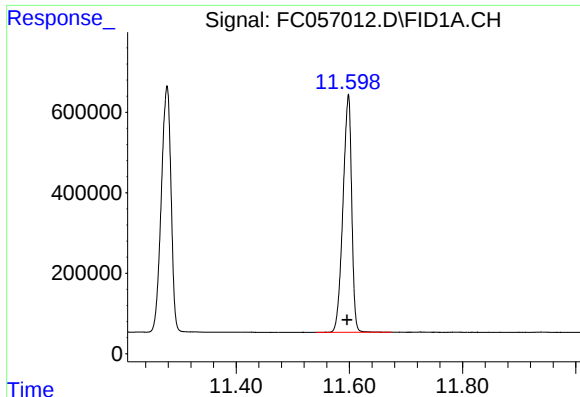
#7 n-Hexadecane (C16)

R.T.: 9.837 min  
Delta R.T.: 0.000 min  
Response: 7158144  
Conc: 69.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.277 min  
Delta R.T.: 0.000 min  
Response: 7305828  
Conc: 68.19 ug/ml



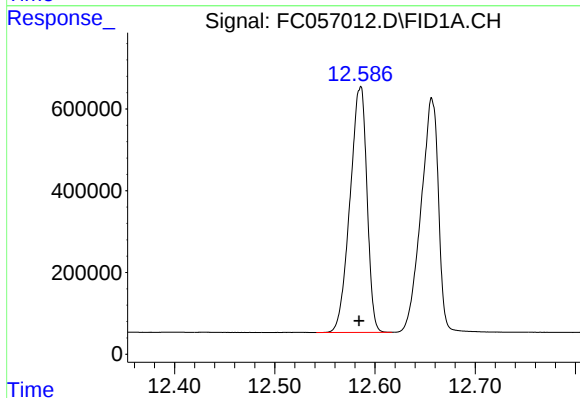
#9 ortho-Terphenyl (SURR)

R.T.: 11.598 min  
Delta R.T.: 0.002 min  
Response: 6315028  
Conc: 54.42 ug/ml

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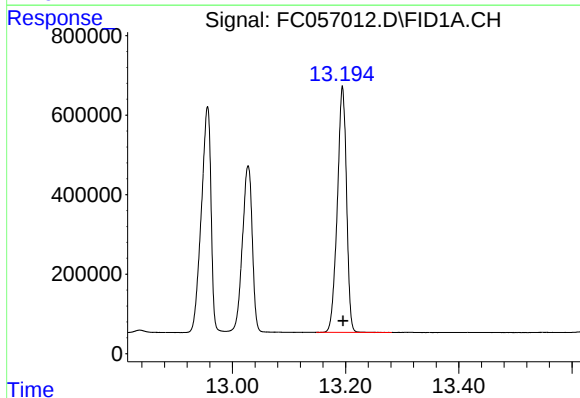
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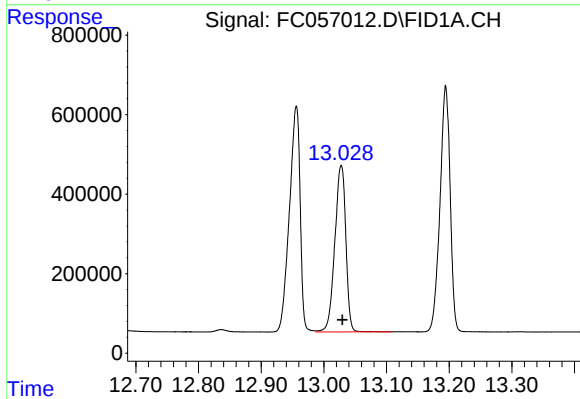
#10 n-Eicosane (C20)

R.T.: 12.585 min  
Delta R.T.: 0.000 min  
Response: 7075820  
Conc: 66.16 ug/ml



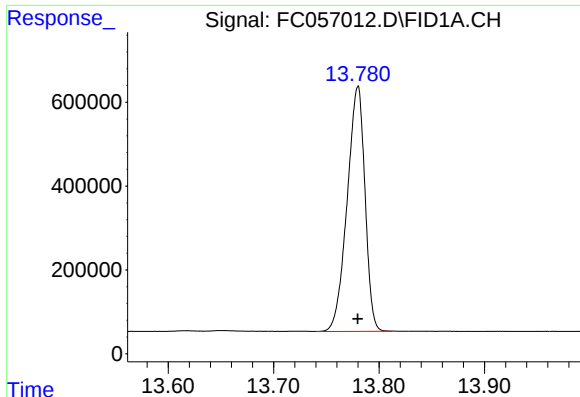
#11 n-Heneicosane (C21)

R.T.: 13.194 min  
Delta R.T.: -0.001 min  
Response: 6984306  
Conc: 64.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min  
Delta R.T.: -0.003 min  
Response: 5117024  
Conc: 56.21 ug/ml



#13 n-Docosane (C22)

R.T.: 13.780 min  
Delta R.T.: 0.000 min  
Response: 6876414  
Conc: 64.19 ug/ml

Instrument :

FID\_C

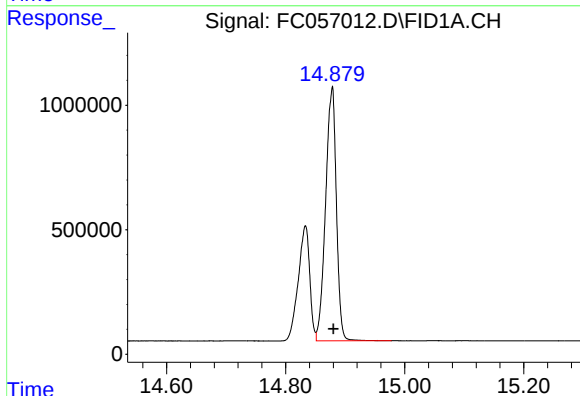
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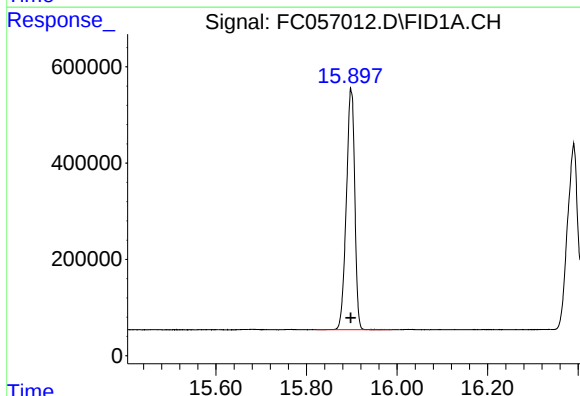
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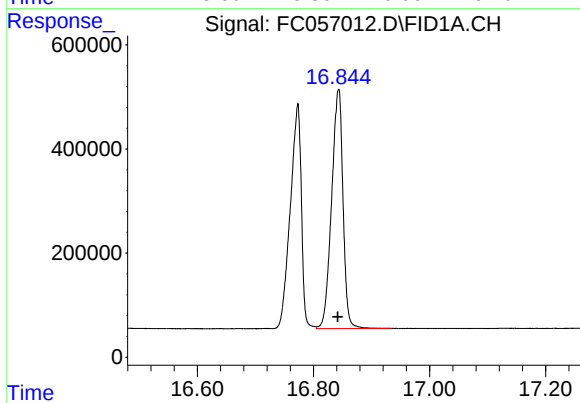
#14 n-Tetracosane (C24)

R.T.: 14.877 min  
Delta R.T.: -0.004 min  
Response: 12841928  
Conc: 118.63 ug/ml



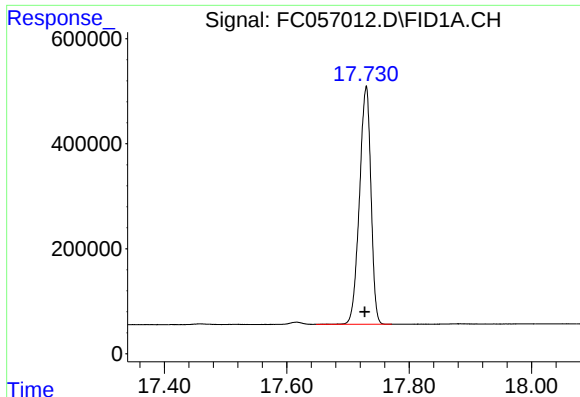
#15 n-Hexacosane (C26)

R.T.: 15.898 min  
Delta R.T.: 0.000 min  
Response: 6450715  
Conc: 60.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.842 min  
Delta R.T.: 0.000 min  
Response: 6266426  
Conc: 58.75 ug/ml



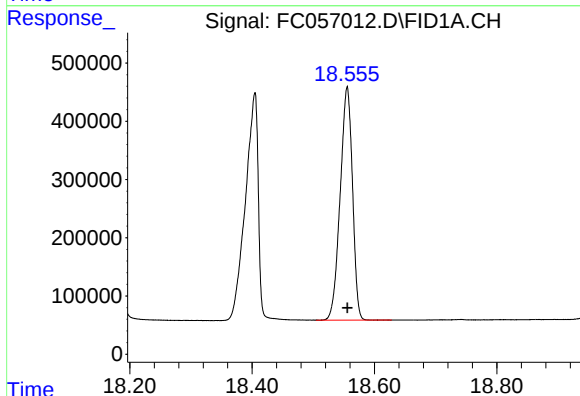
#17 n-Tricontane (C30)

R.T.: 17.729 min  
Delta R.T.: 0.002 min  
Response: 5887361  
Conc: 55.24 ug/ml

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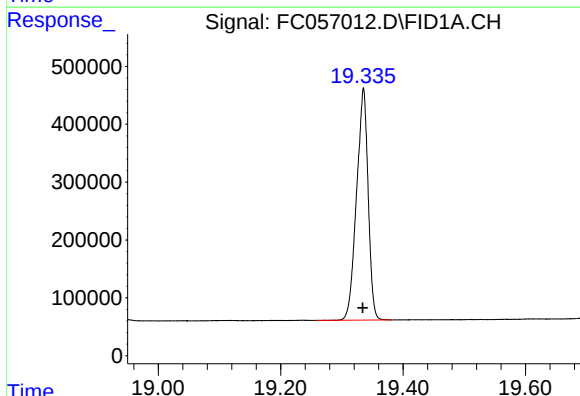
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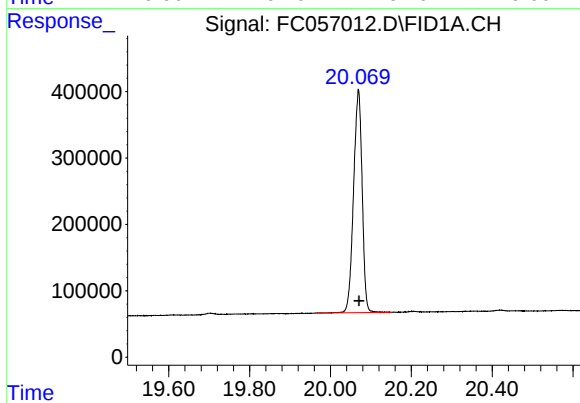
#18 n-Dotriacontane (C32)

R.T.: 18.555 min  
Delta R.T.: 0.000 min  
Response: 5587390  
Conc: 52.97 ug/ml



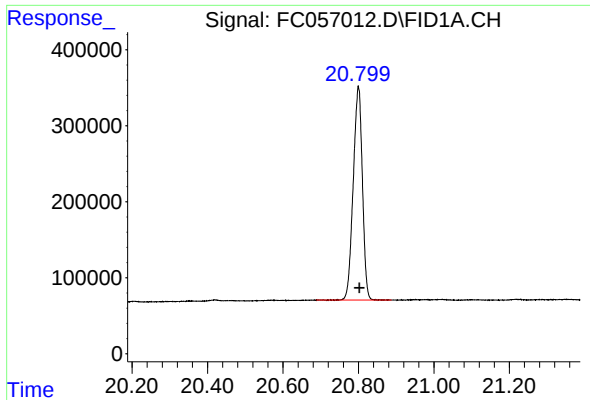
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min  
Delta R.T.: 0.000 min  
Response: 5253931  
Conc: 50.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.069 min  
Delta R.T.: -0.002 min  
Response: 4948233  
Conc: 48.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min  
Delta R.T.: -0.004 min  
Response: 4741779  
Conc: 51.66 ug/ml

Instrument :

FID\_C

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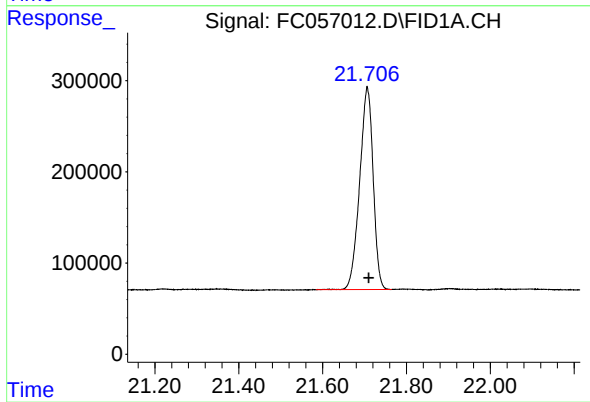
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#22 n-Tetracontane (C40)

R.T.: 21.706 min  
Delta R.T.: -0.004 min  
Response: 4951185  
Conc: 54.96 ug/ml