

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011022AL\  
 Data File : FC057817.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Jan 2022 7:55  
 Operator : AJ\MA  
 Sample : N1076-11MSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 SB-05BMDS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/11/2022  
 Supervised By :mohammad ahmed 01/12/2022

Integration File: autoint1.e  
 Quant Time: Jan 11 08:14:53 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)    | 10.710 | 8297965    | 42.914 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 85.83%        |
| 12) S 1-chlorooctadecane (S... | 12.146 | 6177735    | 41.915 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 83.83%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.636  | 4931508    | 30.839 ug/ml  |
| 2) T n-Decane (C10)            | 3.628  | 5852366    | 36.411 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.164  | 7368357    | 40.579 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.598  | 6718675    | 41.659 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.206  | 7661228    | 41.895 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.381  | 7618340    | 46.146 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.972  | 8148952    | 48.784 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.406 | 8079550    | 46.950 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.709 | 8087617    | 47.242 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.317 | 7654232    | 44.264 ug/ml  |
| 13) T n-Docosane (C22)         | 12.901 | 7673990    | 44.357 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.998 | 7192134    | 41.547 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.017 | 6905380    | 41.033 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.961 | 6713917    | 41.028 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.845 | 6473550    | 41.464 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 17.675 | 6116302    | 43.868 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.455 | 5376177    | 43.256 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.192 | 4478081    | 40.278 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.898 | 4055480    | 38.877 ug/ml  |
| 22) T n-Tetracontane (C40)     | 20.723 | 3965864    | 41.418 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA  
Sample : N1076-11MSD  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

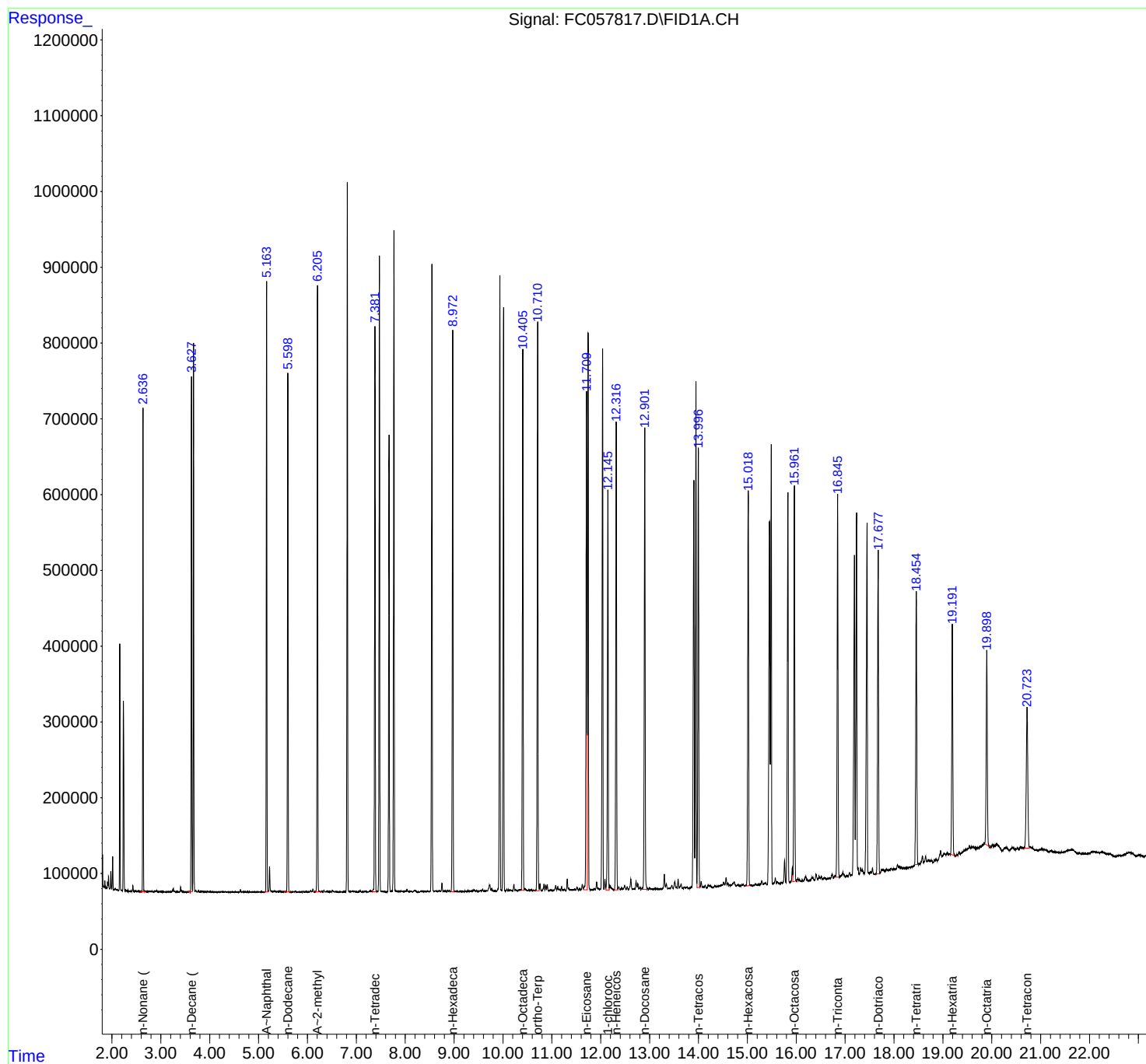
Instrument :  
FID\_C  
ClientSampleId :  
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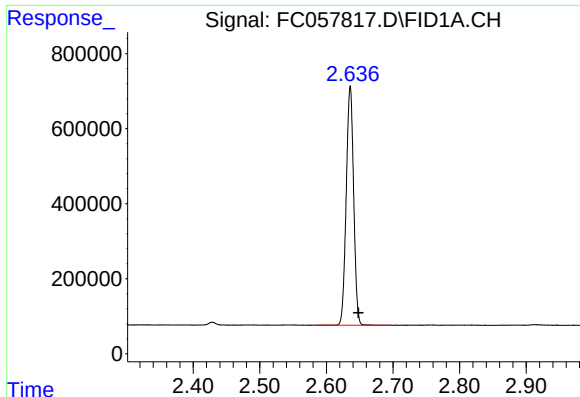
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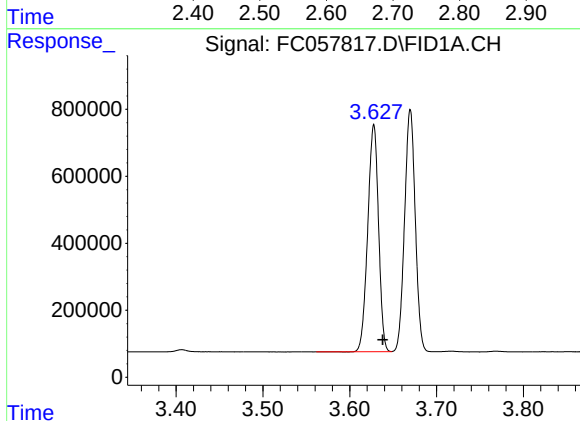
#1 n-Nonane (C9)

R.T.: 2.636 min  
Delta R.T.: -0.012 min  
Response: 4931508  
Conc: 30.84 ug/ml

Instrument :  
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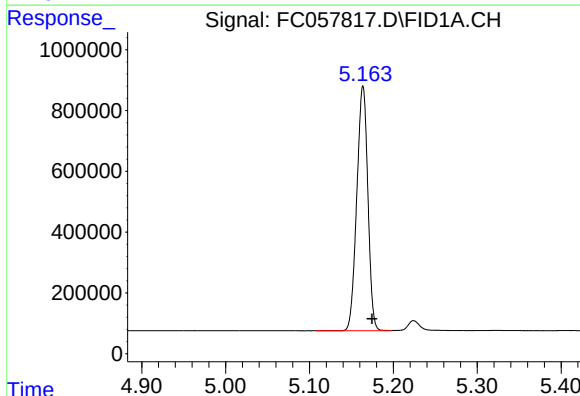
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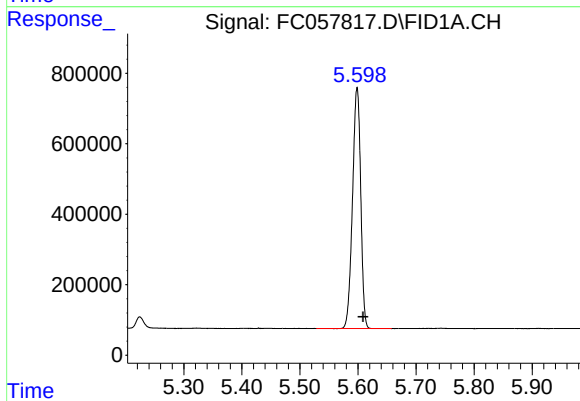
#2 n-Decane (C10)

R.T.: 3.628 min  
Delta R.T.: -0.010 min  
Response: 5852366  
Conc: 36.41 ug/ml



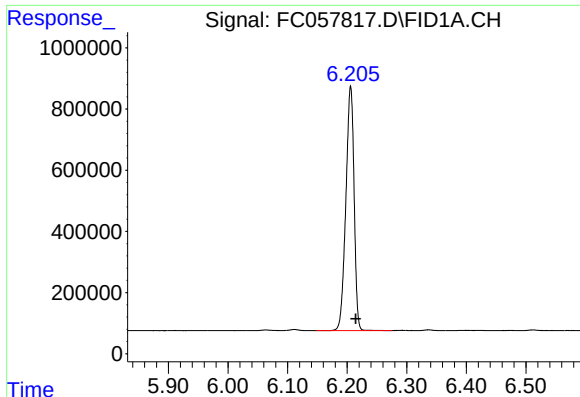
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min  
Delta R.T.: -0.011 min  
Response: 7368357  
Conc: 40.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.598 min  
Delta R.T.: -0.010 min  
Response: 6718675  
Conc: 41.66 ug/ml



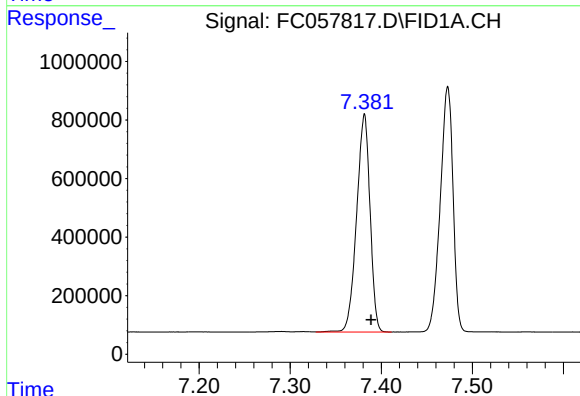
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.206 min  
Delta R.T.: -0.009 min  
Response: 7661228  
Conc: 41.90 ug/ml

Instrument :  
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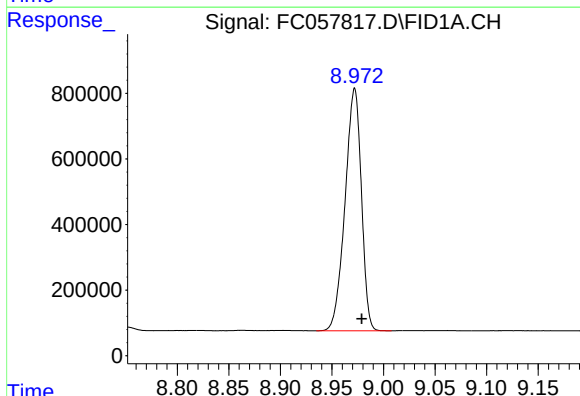
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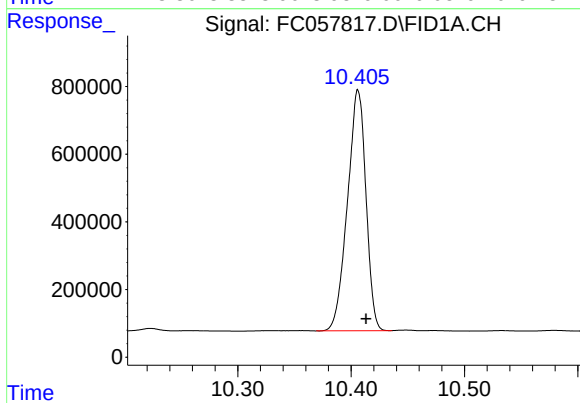
#6 n-Tetradecane (C14)

R.T.: 7.381 min  
Delta R.T.: -0.007 min  
Response: 7618340  
Conc: 46.15 ug/ml



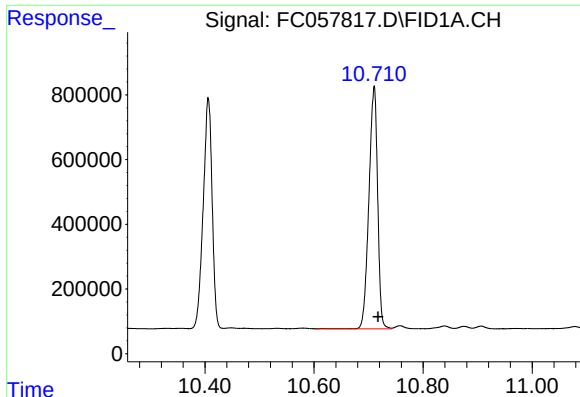
#7 n-Hexadecane (C16)

R.T.: 8.972 min  
Delta R.T.: -0.007 min  
Response: 8148952  
Conc: 48.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.406 min  
Delta R.T.: -0.007 min  
Response: 8079550  
Conc: 46.95 ug/ml



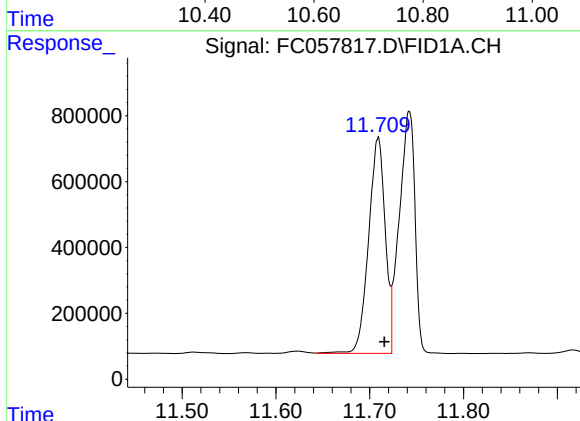
#9 ortho-Terphenyl (SURR)

R.T.: 10.710 min  
Delta R.T.: -0.008 min  
Response: 8297965  
Conc: 42.91 ug/ml

Instrument :  
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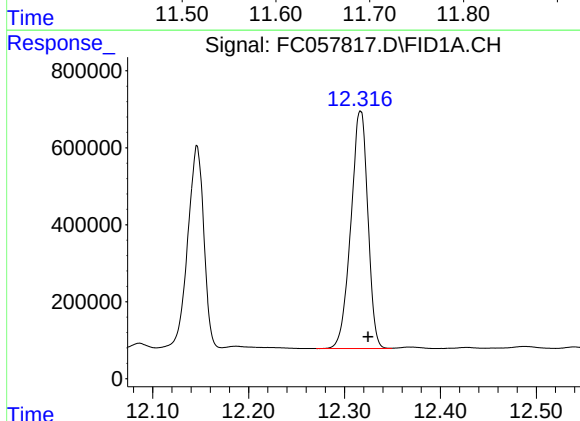
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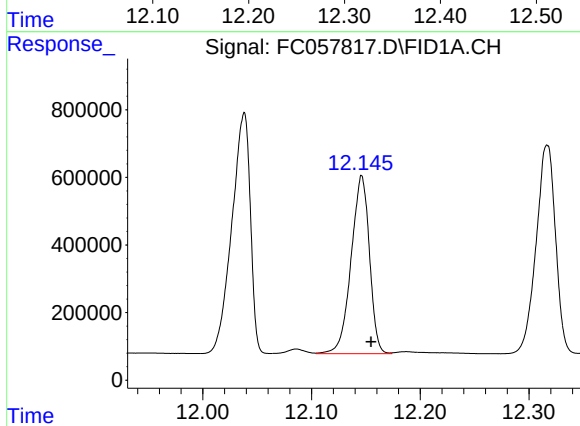
#10 n-Eicosane (C20)

R.T.: 11.709 min  
Delta R.T.: -0.007 min  
Response: 8087617  
Conc: 47.24 ug/ml



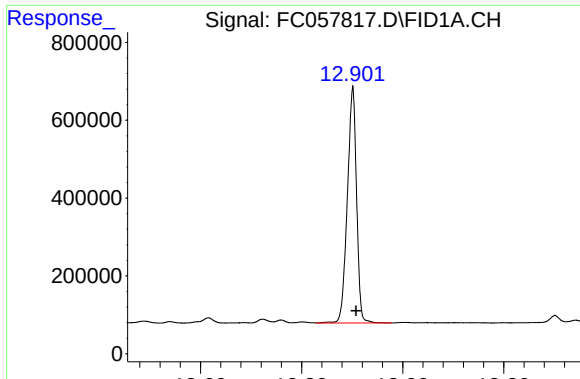
#11 n-Heneicosane (C21)

R.T.: 12.317 min  
Delta R.T.: -0.008 min  
Response: 7654232  
Conc: 44.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.146 min  
Delta R.T.: -0.009 min  
Response: 6177735  
Conc: 41.92 ug/ml



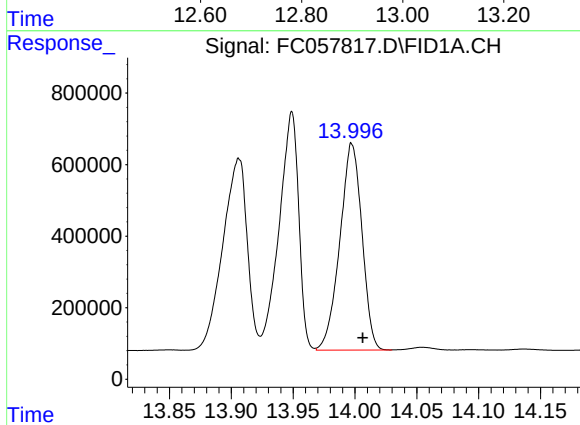
#13 n-Docosane (C22)

R.T.: 12.901 min  
Delta R.T.: -0.007 min  
Response: 7673990  
Conc: 44.36 ug/ml

Instrument :  
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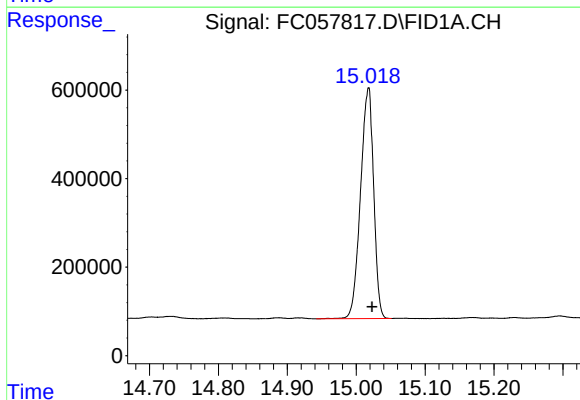
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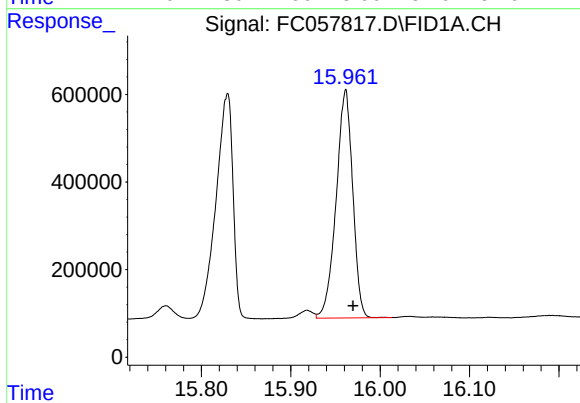
#14 n-Tetracosane (C24)

R.T.: 13.998 min  
Delta R.T.: -0.009 min  
Response: 7192134  
Conc: 41.55 ug/ml



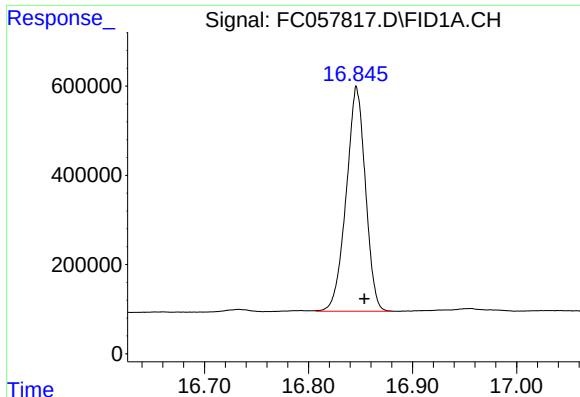
#15 n-Hexacosane (C26)

R.T.: 15.017 min  
Delta R.T.: -0.006 min  
Response: 6905380  
Conc: 41.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.961 min  
Delta R.T.: -0.009 min  
Response: 6713917  
Conc: 41.03 ug/ml



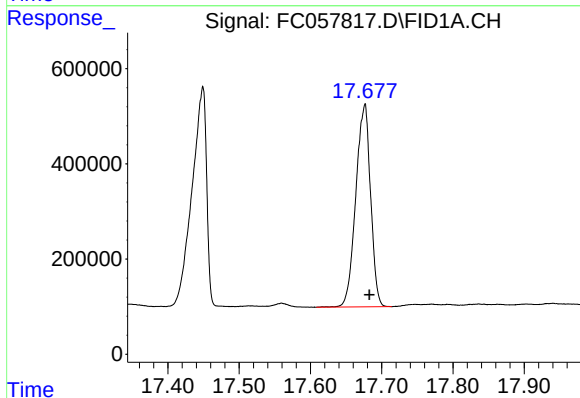
#17 n-Tricontane (C30)

R.T.: 16.845 min  
Delta R.T.: -0.008 min  
Response: 6473550  
Conc: 41.46 ug/ml

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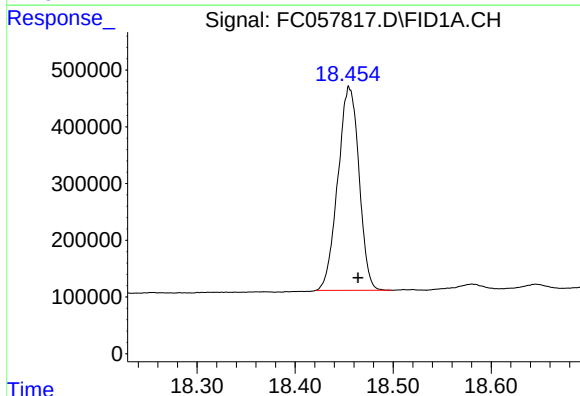
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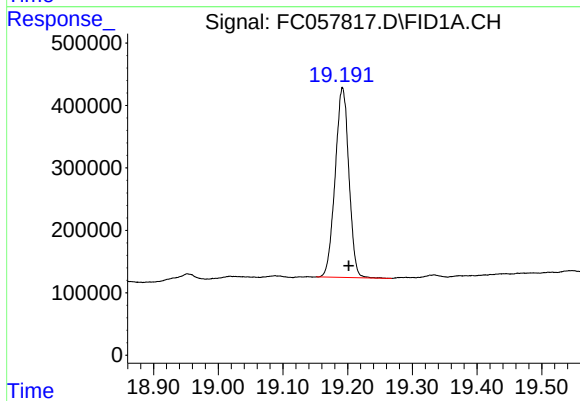
#18 n-Dotriacontane (C32)

R.T.: 17.675 min  
Delta R.T.: -0.008 min  
Response: 6116302  
Conc: 43.87 ug/ml



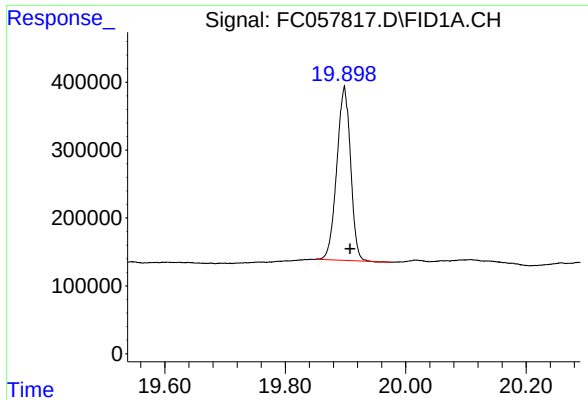
#19 n-Tetratriacontane (C34)

R.T.: 18.455 min  
Delta R.T.: -0.009 min  
Response: 5376177  
Conc: 43.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.192 min  
Delta R.T.: -0.009 min  
Response: 4478081  
Conc: 40.28 ug/ml



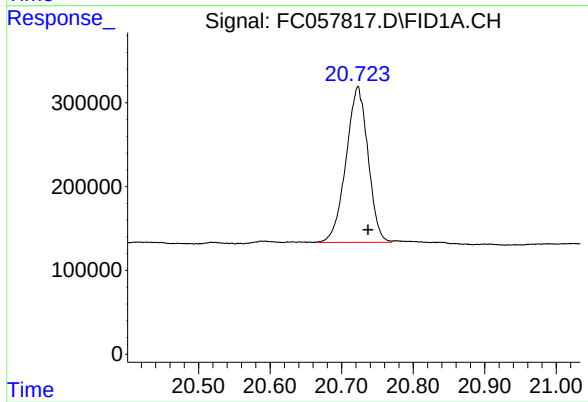
#21 n-Octatriacontane (C38)

R.T.: 19.898 min  
Delta R.T.: -0.010 min  
Response: 4055480  
Conc: 38.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.723 min  
Delta R.T.: -0.015 min  
Response: 3965864  
Conc: 41.42 ug/ml m