

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041922AL\  
 Data File : FC059308.D  
 Signal(s) : FID1A.CH  
 Acq On : 19 Apr 2022 20:25  
 Operator : UA/NP  
 Sample : PB144213BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB144213BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/20/2022  
 Supervised By :mohammad ahmed 04/20/2022

Integration File: autoint1.e  
 Quant Time: Apr 20 01:09:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032522.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 25 23:18:46 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)    | 11.107 | 5531570    | 38.392 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 76.78%        |
| 12) S 1-chlorooctadecane (S... | 12.554 | 4460470    | 39.792 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 79.58%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.982  | 4980468    | 40.642 ug/ml  |
| 2) T n-Decane (C10)            | 4.016  | 5173137    | 42.214 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.558  | 5665662    | 45.125 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.006  | 5329051    | 41.722 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.605  | 5414882    | 42.238 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.789  | 5349865    | 41.146 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.380  | 5387972    | 40.574 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.816 | 5561380    | 41.829 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.118 | 5363250    | 40.933 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.726 | 5271384    | 40.400 ug/ml  |
| 13) T n-Docosane (C22)         | 13.310 | 5230741    | 40.378 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.408 | 5749785    | 45.516 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.427 | 5169935    | 42.800 ug/mlm |
| 16) T n-Octacosane (C28)       | 16.372 | 5238414    | 44.239 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.257 | 5000019    | 43.830 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.085 | 4913208    | 45.862 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.867 | 4128909    | 40.865 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.604 | 3484142    | 36.465 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.301 | 3022301    | 32.844 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.047 | 3133080    | 33.711 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 19 Apr 2022 20:25  
Operator : UA/NP  
Sample : PB144213BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

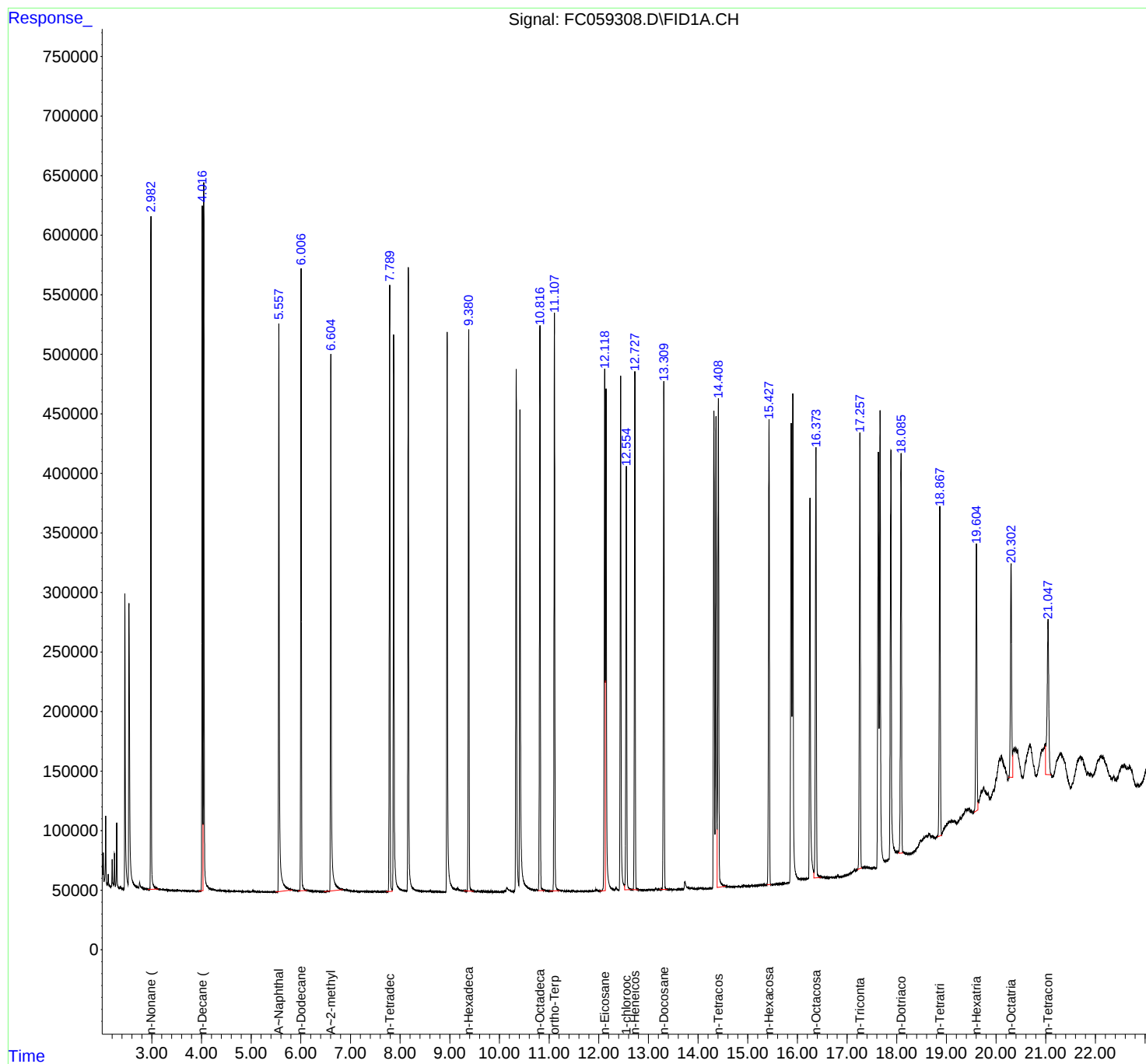
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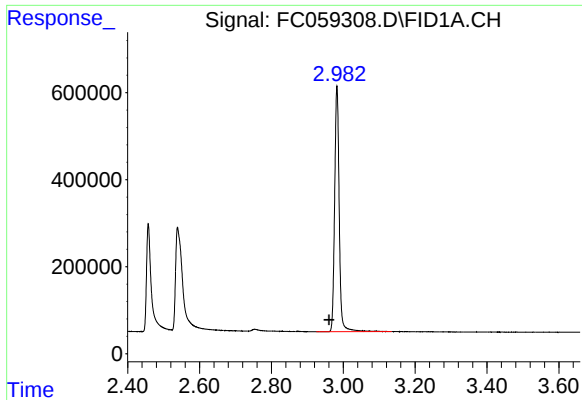
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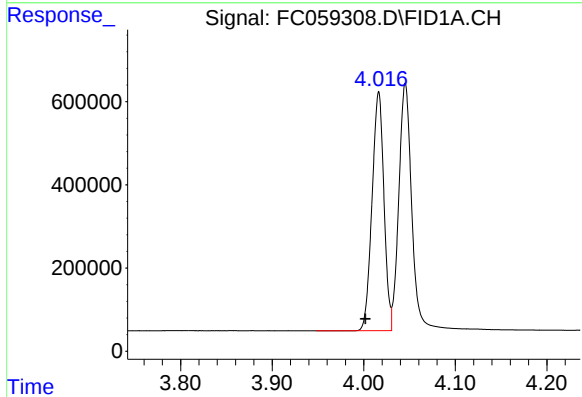
#1 n-Nonane (C9)

R.T.: 2.982 min  
Delta R.T.: 0.021 min  
Response: 4980468  
Conc: 40.64 ug/ml

Instrument :  
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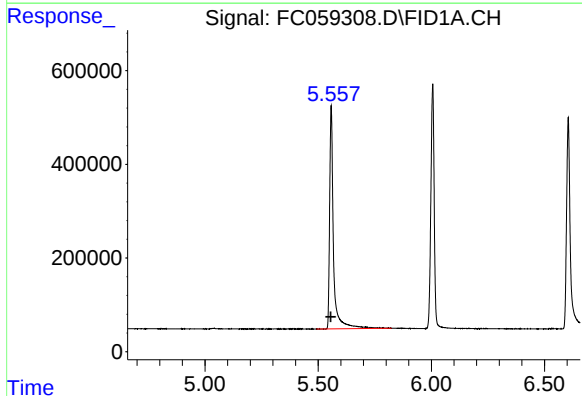
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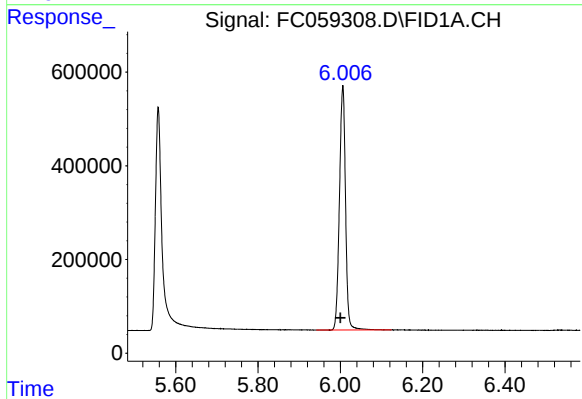
#2 n-Decane (C10)

R.T.: 4.016 min  
Delta R.T.: 0.014 min  
Response: 5173137  
Conc: 42.21 ug/ml



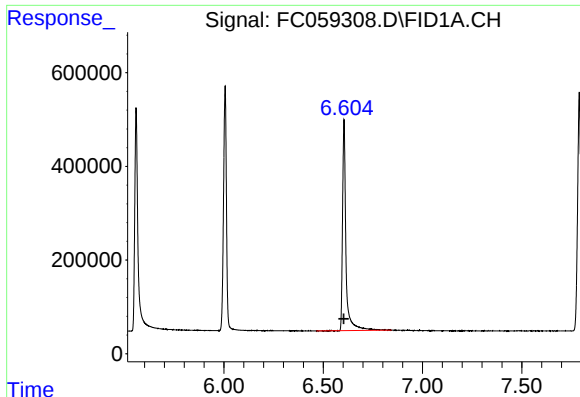
#3 A~Naphthalene (C11.7)

R.T.: 5.558 min  
Delta R.T.: 0.002 min  
Response: 5665662  
Conc: 45.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.006 min  
Delta R.T.: 0.006 min  
Response: 5329051  
Conc: 41.72 ug/ml



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

R.T.: 6.605 min  
Delta R.T.: 0.002 min  
Response: 5414882  
Conc: 42.24 ug/ml

Instrument :

FID\_C

ClientSampleId :

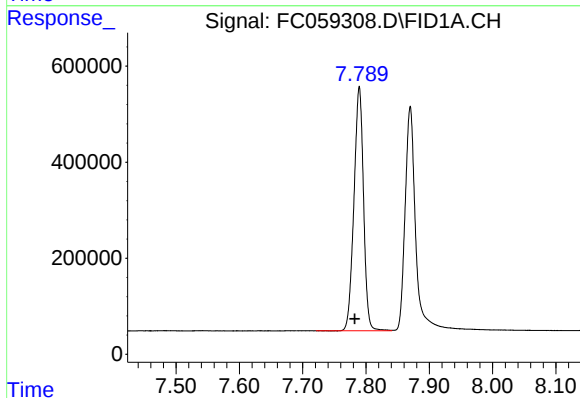
PB144213BS

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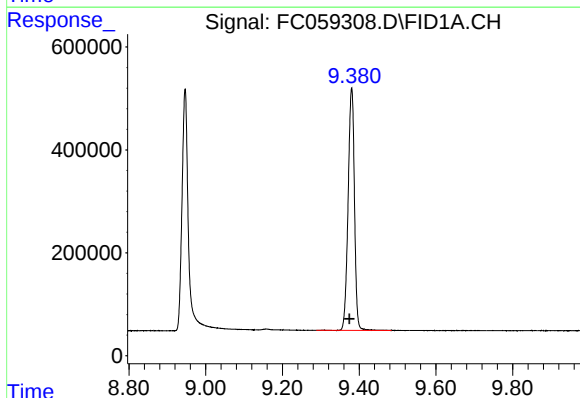
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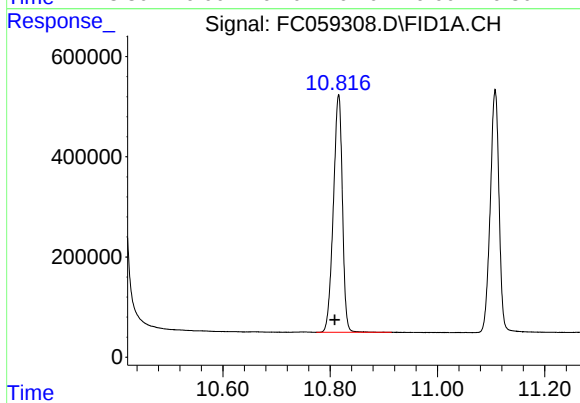
#6 n-Tetradecane (C14)

R.T.: 7.789 min  
Delta R.T.: 0.007 min  
Response: 5349865  
Conc: 41.15 ug/ml



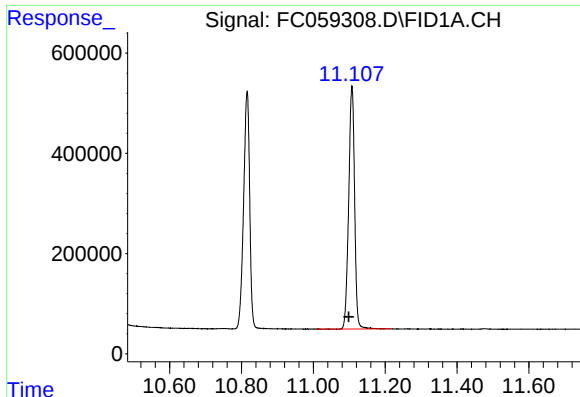
#7 n-Hexadecane (C16)

R.T.: 9.380 min  
Delta R.T.: 0.006 min  
Response: 5387972  
Conc: 40.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.816 min  
Delta R.T.: 0.007 min  
Response: 5561380  
Conc: 41.83 ug/ml



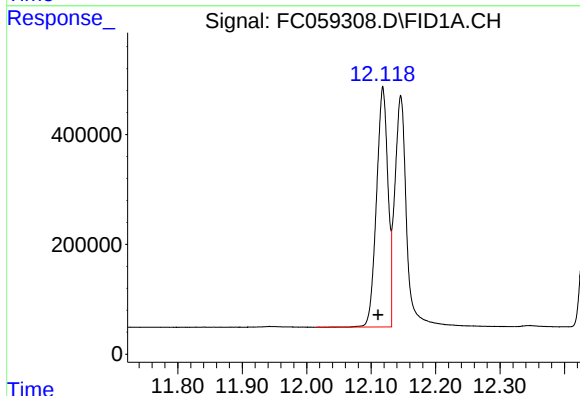
#9 ortho-Terphenyl (SURR)

R.T.: 11.107 min  
Delta R.T.: 0.009 min  
Response: 5531570  
Conc: 38.39 ug/ml

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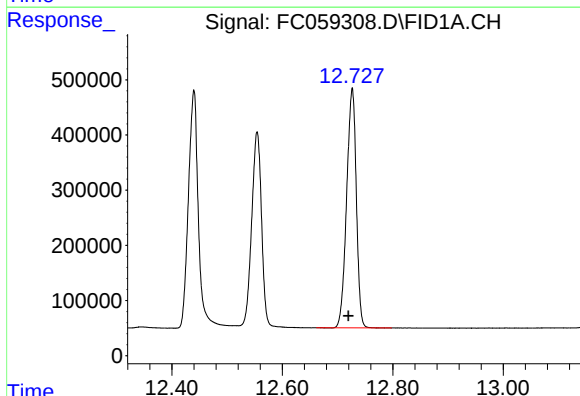
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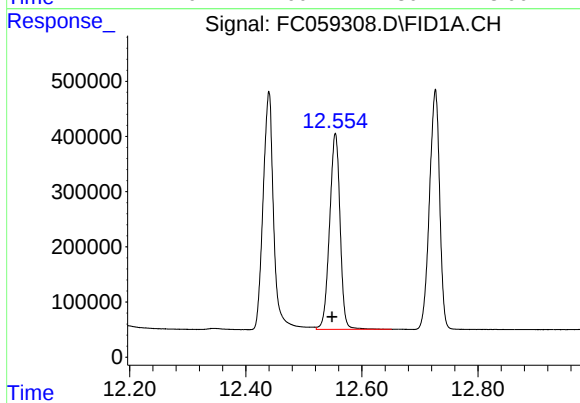
#10 n-Eicosane (C20)

R.T.: 12.118 min  
Delta R.T.: 0.008 min  
Response: 5363250  
Conc: 40.93 ug/ml



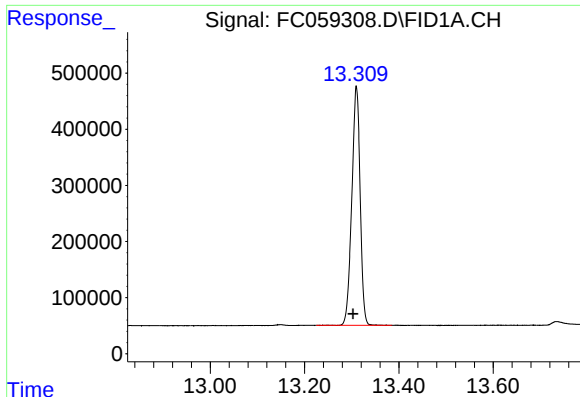
#11 n-Heneicosane (C21)

R.T.: 12.726 min  
Delta R.T.: 0.007 min  
Response: 5271384  
Conc: 40.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.554 min  
Delta R.T.: 0.006 min  
Response: 4460470  
Conc: 39.79 ug/ml



#13 n-Docosane (C22)

R.T.: 13.310 min  
Delta R.T.: 0.007 min  
Response: 5230741  
Conc: 40.38 ug/ml

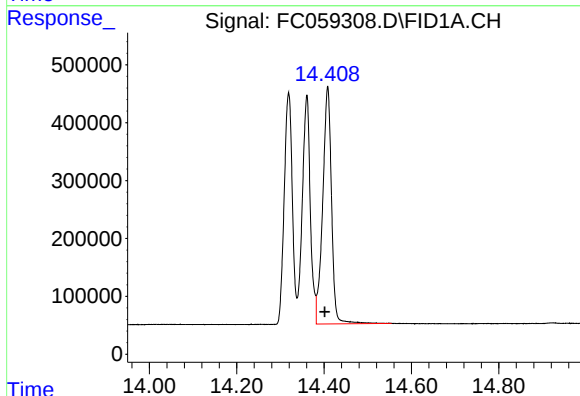
Instrument :

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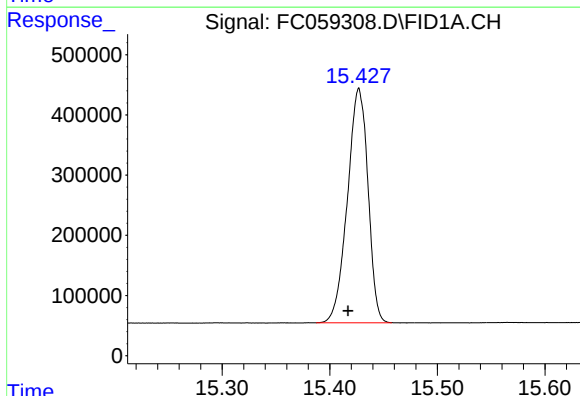
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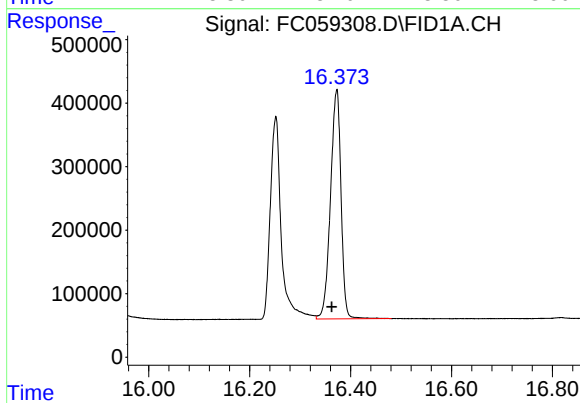
#14 n-Tetracosane (C24)

R.T.: 14.408 min  
Delta R.T.: 0.007 min  
Response: 5749785  
Conc: 45.52 ug/ml



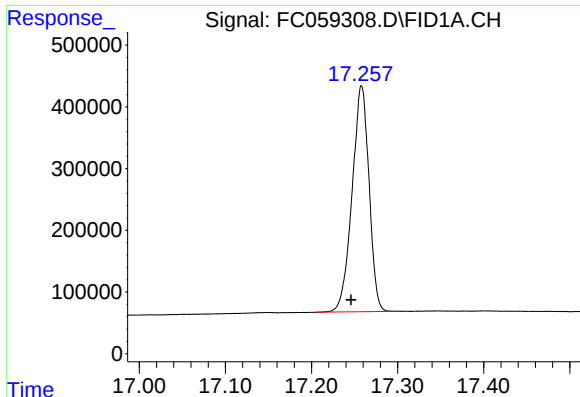
#15 n-Hexacosane (C26)

R.T.: 15.427 min  
Delta R.T.: 0.010 min  
Response: 5169935  
Conc: 42.80 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.372 min  
Delta R.T.: 0.010 min  
Response: 5238414  
Conc: 44.24 ug/ml



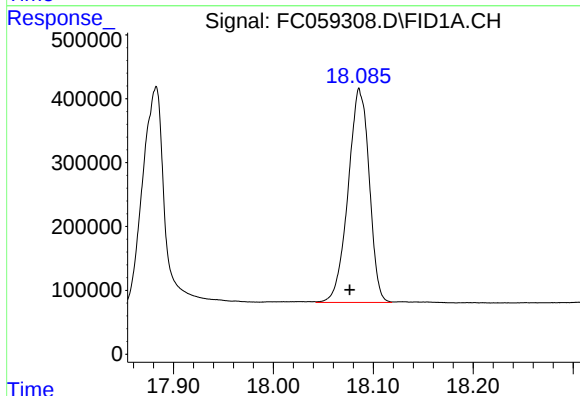
#17 n-Tricontane (C30)

R.T.: 17.257 min  
Delta R.T.: 0.011 min  
Response: 5000019  
Conc: 43.83 ug/ml

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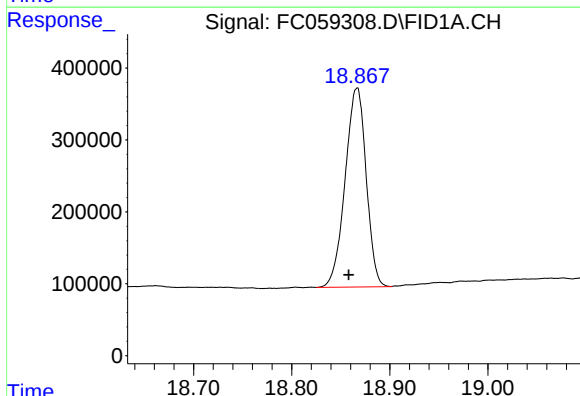
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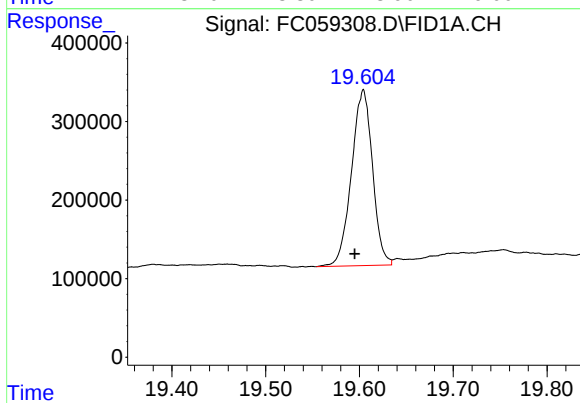
#18 n-Dotriacontane (C32)

R.T.: 18.085 min  
Delta R.T.: 0.009 min  
Response: 4913208  
Conc: 45.86 ug/ml m



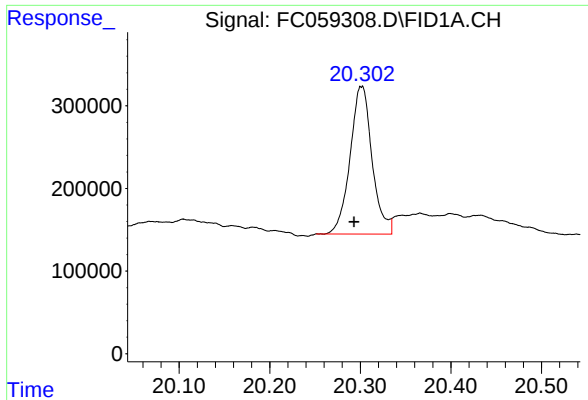
#19 n-Tetratriacontane (C34)

R.T.: 18.867 min  
Delta R.T.: 0.009 min  
Response: 4128909  
Conc: 40.87 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.604 min  
Delta R.T.: 0.009 min  
Response: 3484142  
Conc: 36.46 ug/ml m



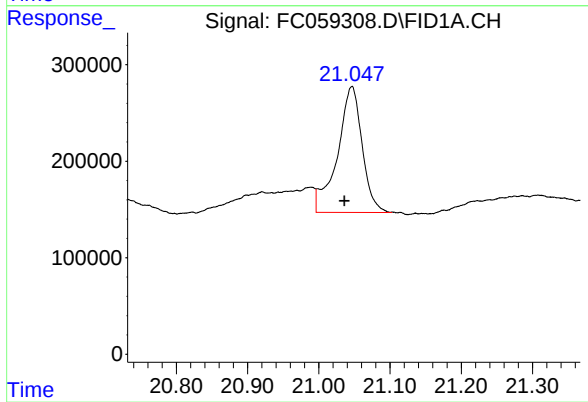
#21 n-Octatriacontane (C38)

R.T.: 20.301 min  
Delta R.T.: 0.008 min  
Response: 3022301  
Conc: 32.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.047 min  
Delta R.T.: 0.011 min  
Response: 3133080  
Conc: 33.71 ug/ml m