

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041922AL\  
 Data File : FC059304.D  
 Signal(s) : FID1A.CH  
 Acq On : 19 Apr 2022 17:49  
 Operator : UA/NP  
 Sample : PB144211BSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB144211BSD

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 01:08:17 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)    | 11.105 | 5285967    | 36.687 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 73.37%        |
| 12) S 1-chlorooctadecane (S... | 12.552 | 4275009    | 38.138 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 76.28%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.973  | 4595572    | 37.501 ug/ml  |
| 2) T n-Decane (C10)            | 4.010  | 4753389    | 38.789 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.553  | 5260107    | 41.895 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.003  | 5087782    | 39.833 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.601  | 5178202    | 40.392 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.788  | 5176619    | 39.814 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.378  | 5214329    | 39.267 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.813 | 5376924    | 40.442 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.115 | 5170330    | 39.461 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.723 | 5061730    | 38.794 ug/ml  |
| 13) T n-Docosane (C22)         | 13.307 | 4997402    | 38.577 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.404 | 5446820    | 43.118 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.424 | 4776892    | 39.546 ug/mlm |
| 16) T n-Octacosane (C28)       | 16.368 | 4774360    | 40.320 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.254 | 4531514    | 39.723 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.083 | 4516051    | 42.155 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.864 | 4016366    | 39.751 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.600 | 3587531    | 37.547 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.298 | 3189301    | 34.659 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.042 | 2868027    | 30.859 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 10 Sample Multiplier: 1

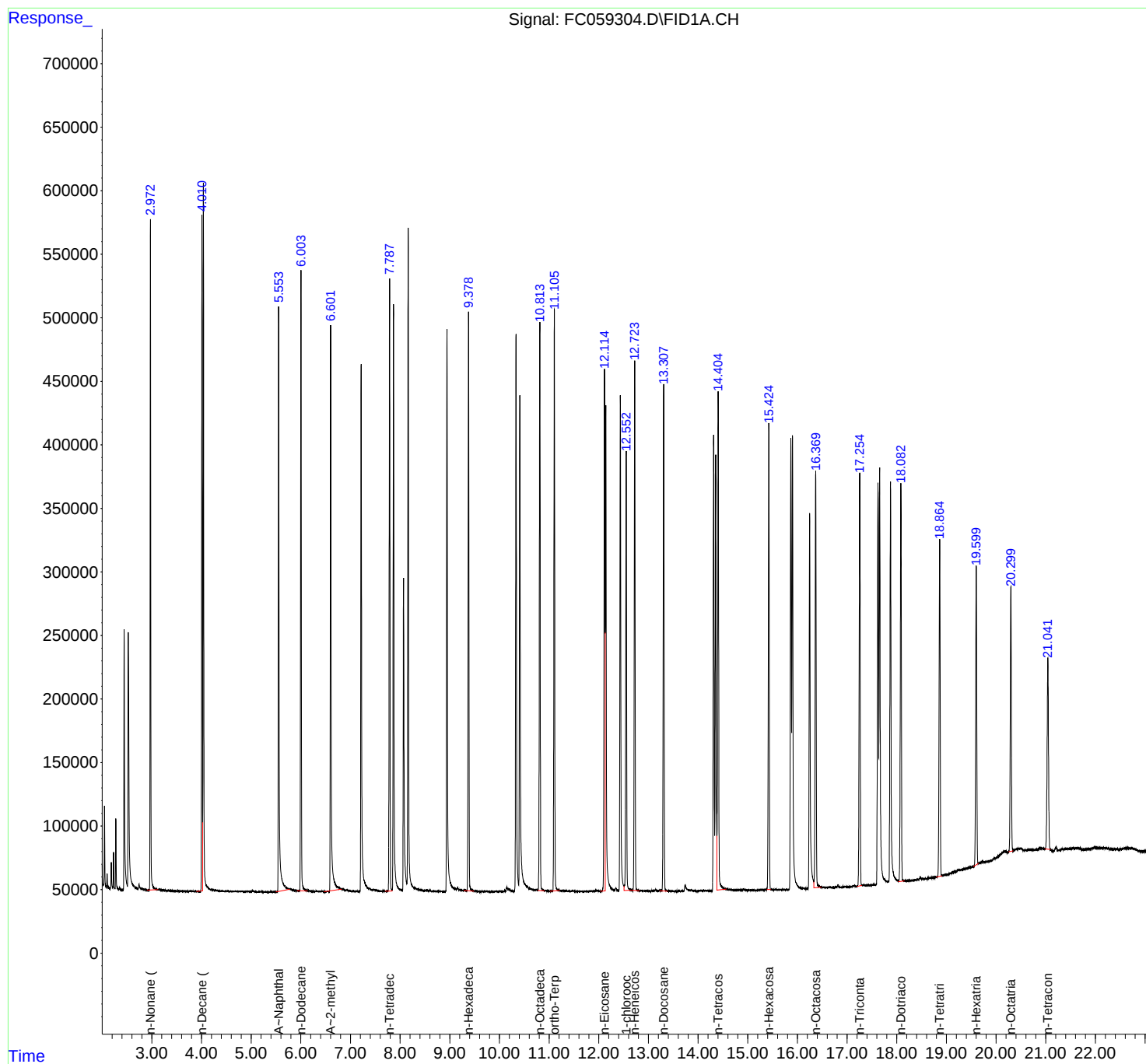
Instrument :  
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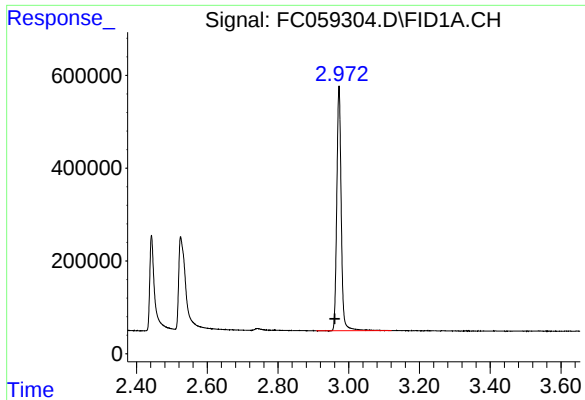
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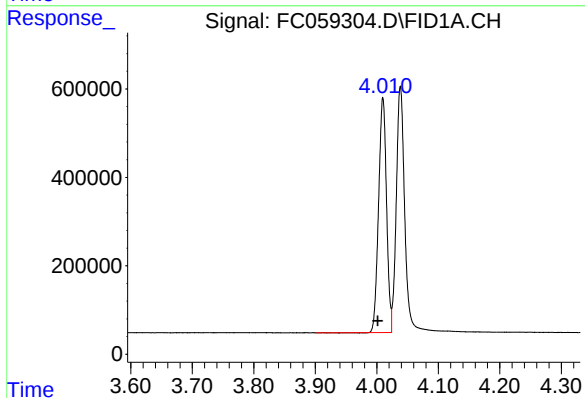
#1 n-Nonane (C9)

R.T.: 2.973 min  
Delta R.T.: 0.012 min  
Response: 4595572  
Conc: 37.50 ug/ml

Instrument :  
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ClientSampleId :  
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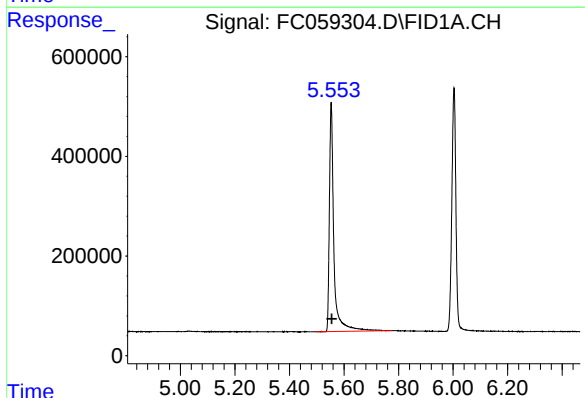
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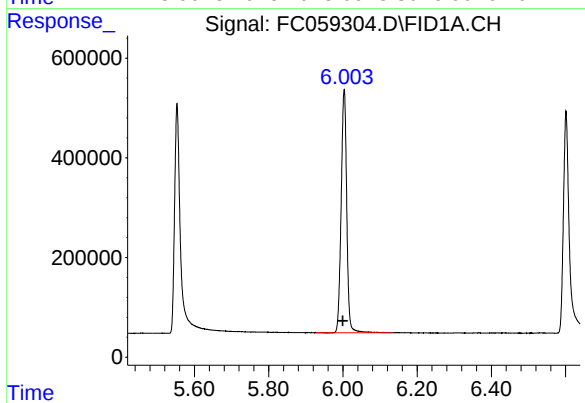
#2 n-Decane (C10)

R.T.: 4.010 min  
Delta R.T.: 0.008 min  
Response: 4753389  
Conc: 38.79 ug/ml



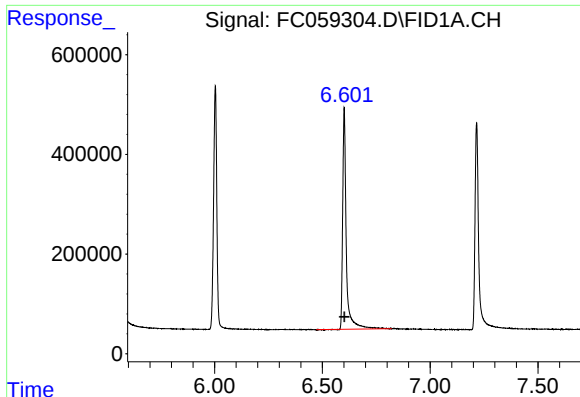
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min  
Delta R.T.: -0.002 min  
Response: 5260107  
Conc: 41.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.003 min  
Delta R.T.: 0.003 min  
Response: 5087782  
Conc: 39.83 ug/ml



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

R.T.: 6.601 min  
Delta R.T.: -0.001 min  
Response: 5178202  
Conc: 40.39 ug/ml

Instrument :

FID\_C

ClientSampleId :

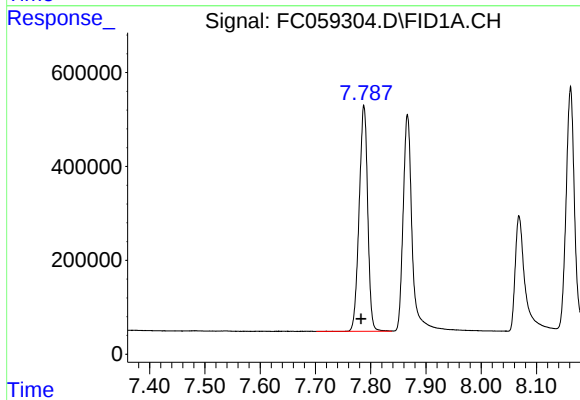
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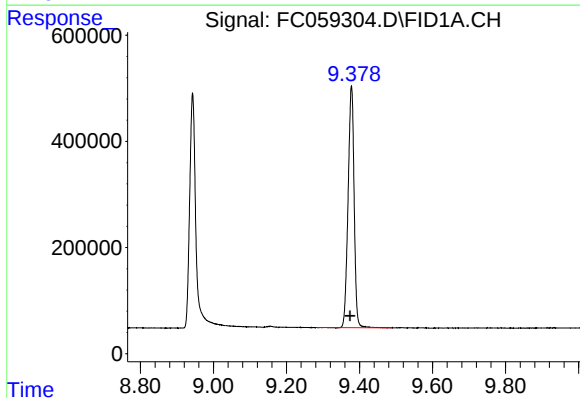
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Supervised By :mohammad ahmed 04/20/2022



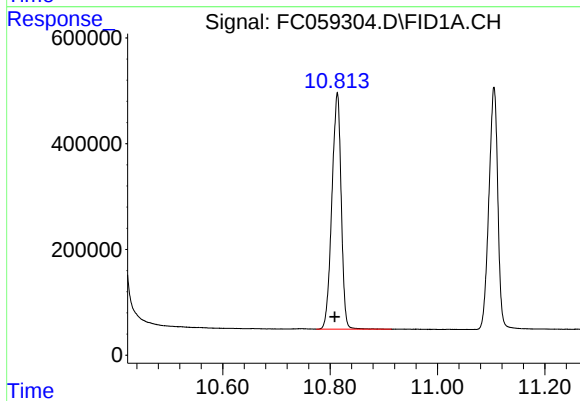
#6 n-Tetradecane (C14)

R.T.: 7.788 min  
Delta R.T.: 0.005 min  
Response: 5176619  
Conc: 39.81 ug/ml



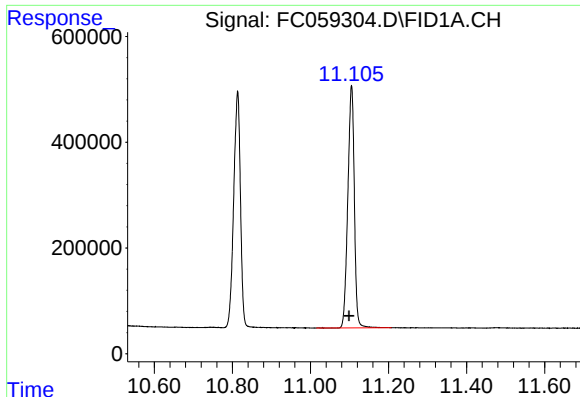
#7 n-Hexadecane (C16)

R.T.: 9.378 min  
Delta R.T.: 0.003 min  
Response: 5214329  
Conc: 39.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.813 min  
Delta R.T.: 0.005 min  
Response: 5376924  
Conc: 40.44 ug/ml



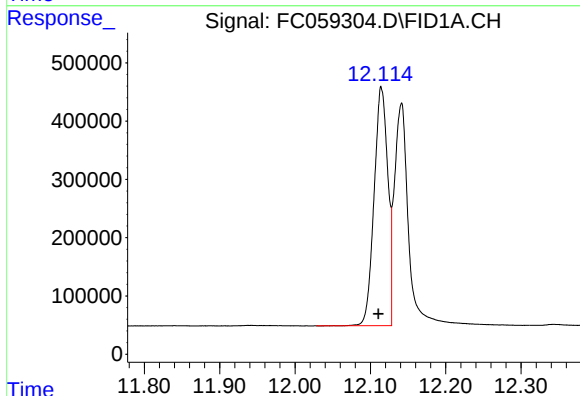
# #9 ortho-Terphenyl (SURR)

R.T.: 11.105 min  
Delta R.T.: 0.006 min  
Response: 5285967  
Conc: 36.69 ug/ml

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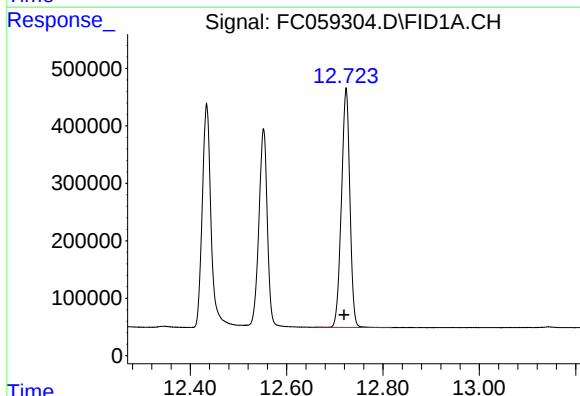
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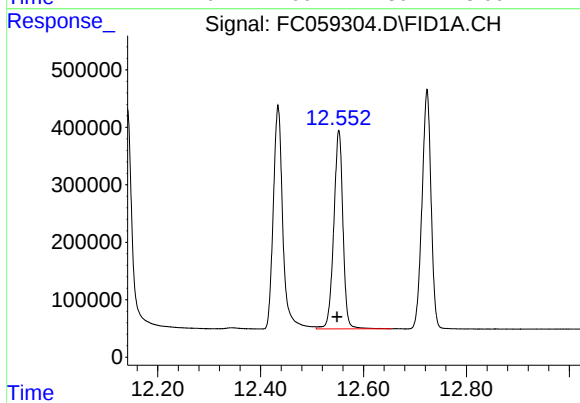
# #10 n-Eicosane (C20)

R.T.: 12.115 min  
Delta R.T.: 0.004 min  
Response: 5170330  
Conc: 39.46 ug/ml



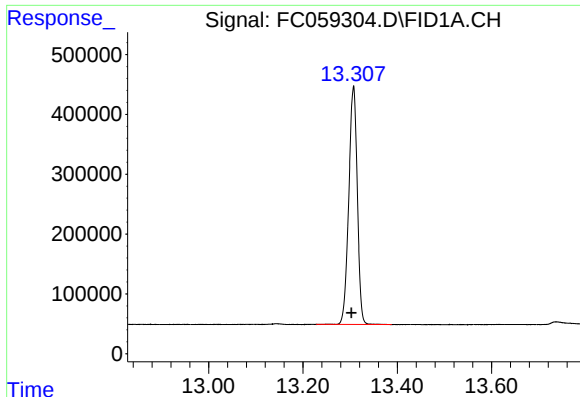
# #11 n-Heneicosane (C21)

R.T.: 12.723 min  
Delta R.T.: 0.004 min  
Response: 5061730  
Conc: 38.79 ug/ml



# #12 1-chlorooctadecane (SURR)

R.T.: 12.552 min  
Delta R.T.: 0.003 min  
Response: 4275009  
Conc: 38.14 ug/ml



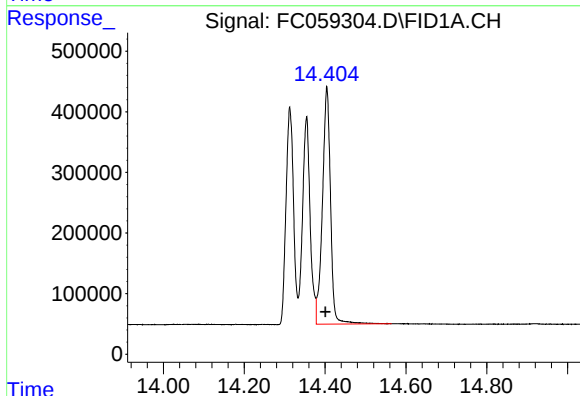
#13 n-Docosane (C22)

R.T.: 13.307 min  
Delta R.T.: 0.004 min  
Response: 4997402  
Conc: 38.58 ug/ml

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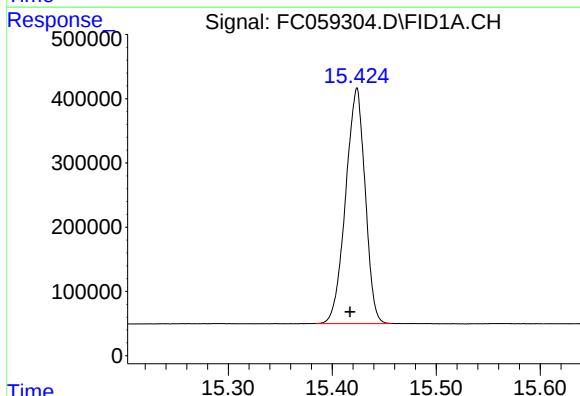
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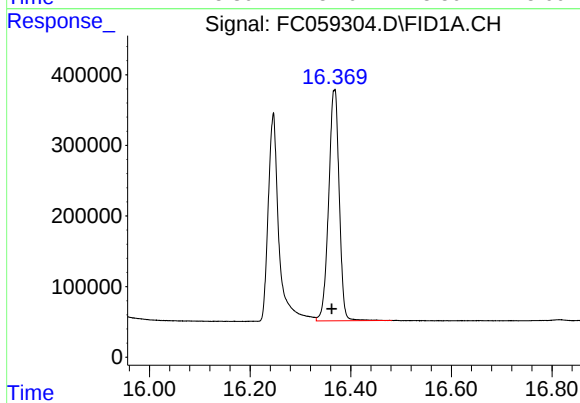
#14 n-Tetracosane (C24)

R.T.: 14.404 min  
Delta R.T.: 0.003 min  
Response: 5446820  
Conc: 43.12 ug/ml



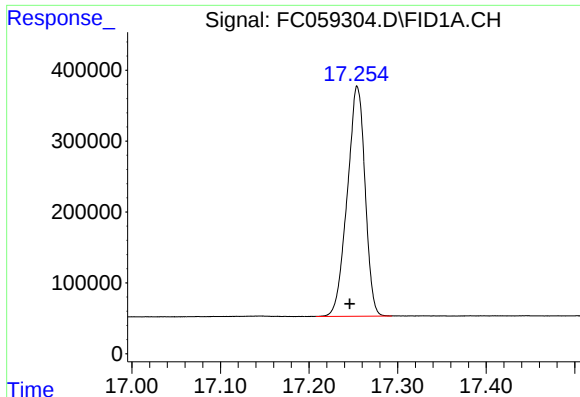
#15 n-Hexacosane (C26)

R.T.: 15.424 min  
Delta R.T.: 0.007 min  
Response: 4776892  
Conc: 39.55 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.368 min  
Delta R.T.: 0.005 min  
Response: 4774360  
Conc: 40.32 ug/ml



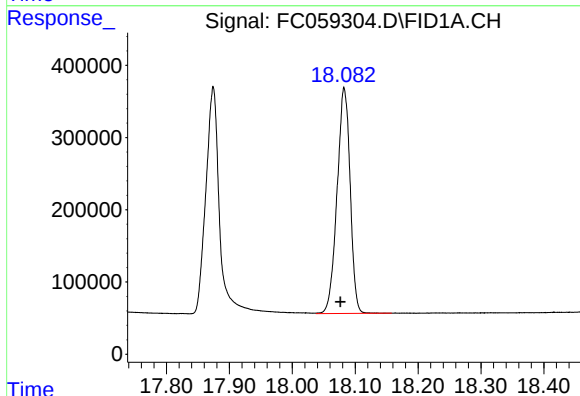
#17 n-Tricontane (C30)

R.T.: 17.254 min  
Delta R.T.: 0.008 min  
Response: 4531514  
Conc: 39.72 ug/ml

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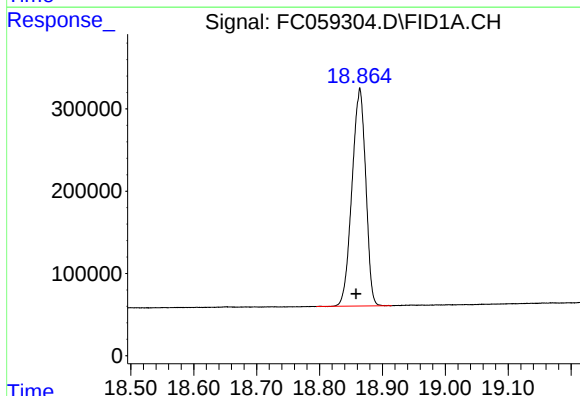
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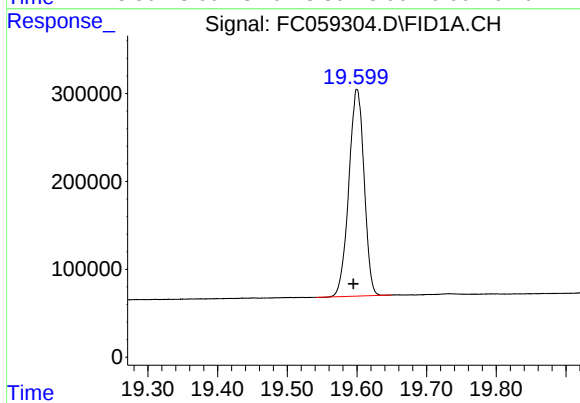
#18 n-Dotriacontane (C32)

R.T.: 18.083 min  
Delta R.T.: 0.006 min  
Response: 4516051  
Conc: 42.15 ug/ml



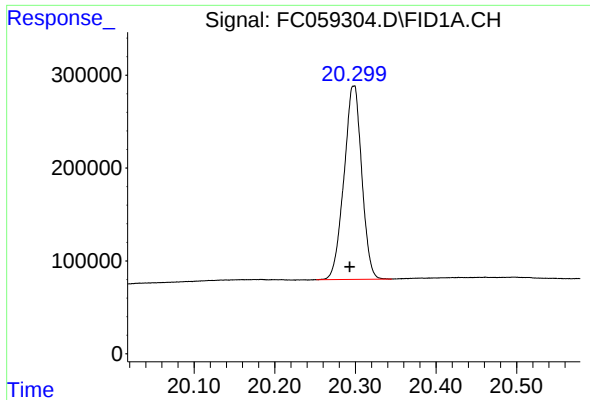
#19 n-Tetratriacontane (C34)

R.T.: 18.864 min  
Delta R.T.: 0.006 min  
Response: 4016366  
Conc: 39.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.600 min  
Delta R.T.: 0.005 min  
Response: 3587531  
Conc: 37.55 ug/ml



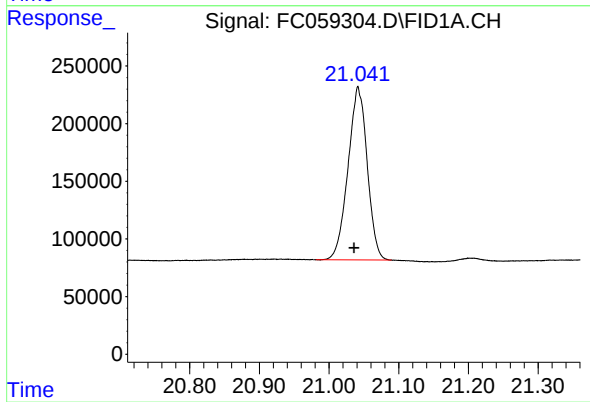
#21 n-Octatriacontane (C38)

R.T.: 20.298 min  
Delta R.T.: 0.005 min  
Response: 3189301  
Conc: 34.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.042 min  
Delta R.T.: 0.006 min  
Response: 2868027  
Conc: 30.86 ug/ml