

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041322AL\  
 Data File : FC059201.D  
 Signal(s) : FID1A.CH  
 Acq On : 13 Apr 2022 18:36  
 Operator : UA/NP  
 Sample : N2369-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 EMERSON-SCHOOL-STOCK-PILEMS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/14/2022  
 Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e  
 Quant Time: Apr 14 03:07:00 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)    | 11.104 | 5369826    | 37.269 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 74.54%        |
| 12) S 1-chlorooctadecane (S... | 12.550 | 4078087    | 36.381 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 72.76%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.966  | 3584937    | 29.254 ug/ml  |
| 2) T n-Decane (C10)            | 4.008  | 4068667    | 33.201 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.553  | 4529332    | 36.075 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.004  | 4487995    | 35.137 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.601  | 4655671    | 36.316 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.788  | 4762152    | 36.626 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.378  | 5055360    | 38.070 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.812 | 5484619    | 41.252 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.114 | 5325538    | 40.646 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.723 | 5208606    | 39.919 ug/ml  |
| 13) T n-Docosane (C22)         | 13.306 | 5170167    | 39.910 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.405 | 5309728    | 42.033 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.423 | 4879513    | 40.396 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.366 | 4831063    | 40.799 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.251 | 4689568    | 41.109 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.079 | 4758659    | 44.420 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.859 | 4570120    | 45.232 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.596 | 4181768    | 43.766 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.294 | 3934802    | 42.761 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.039 | 3778408    | 40.655 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 13 Apr 2022 18:36  
Operator : UA/NP  
Sample : N2369-01MS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

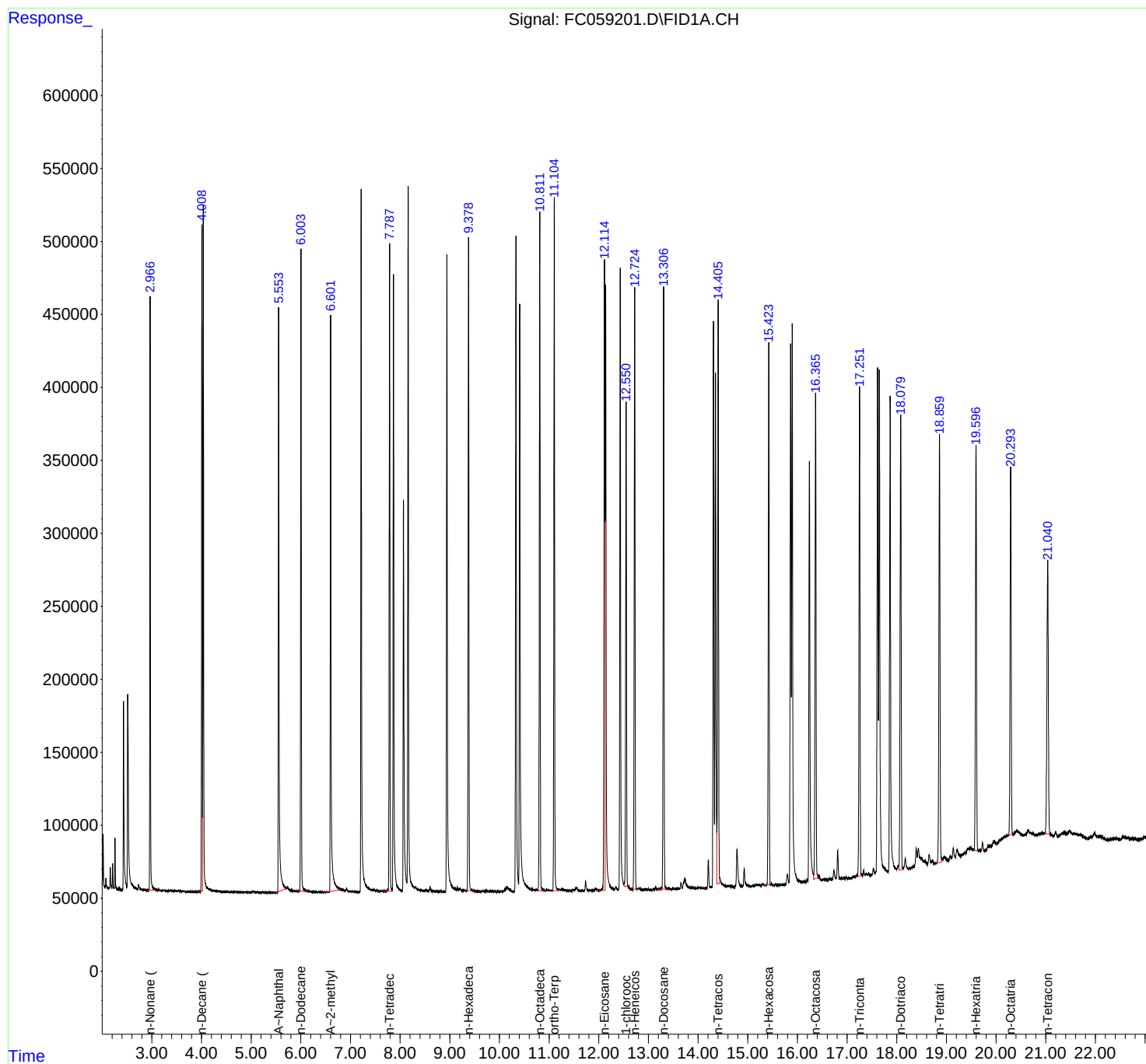
Instrument :  
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EMERSON-SCHOOL-STOCK-PILEMS

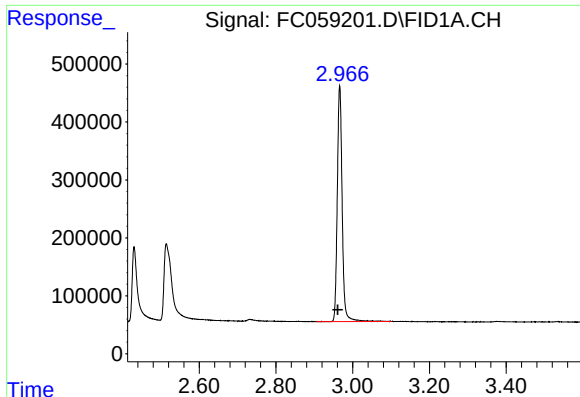
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.966 min  
Delta R.T.: 0.005 min  
Response: 3584937  
Conc: 29.25 ug/ml

Instrument :

FID\_C

ClientSampleId :

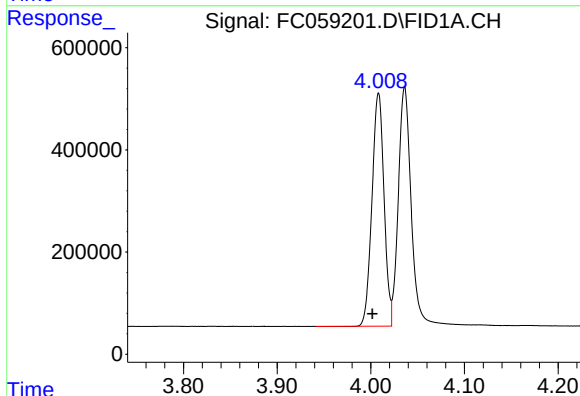
EMERSON-SCHOOL-STOCK-PILEMS

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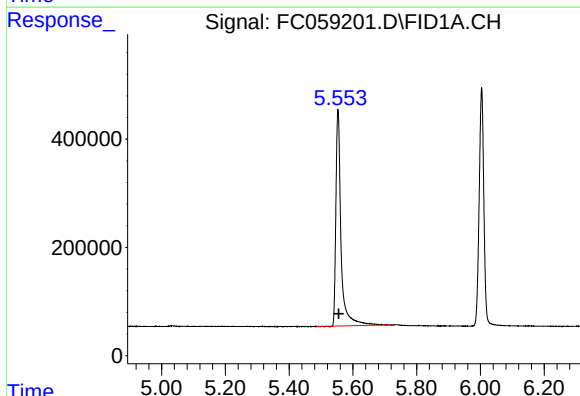
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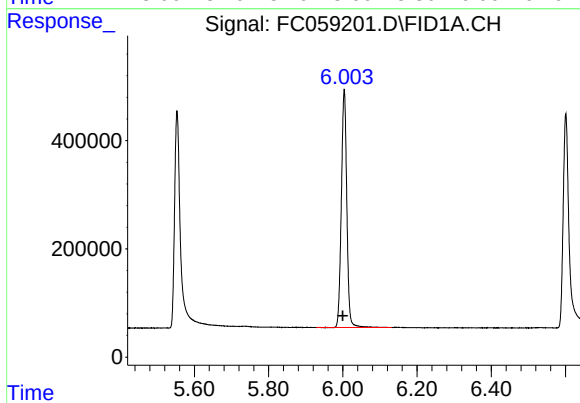
#2 n-Decane (C10)

R.T.: 4.008 min  
Delta R.T.: 0.006 min  
Response: 4068667  
Conc: 33.20 ug/ml



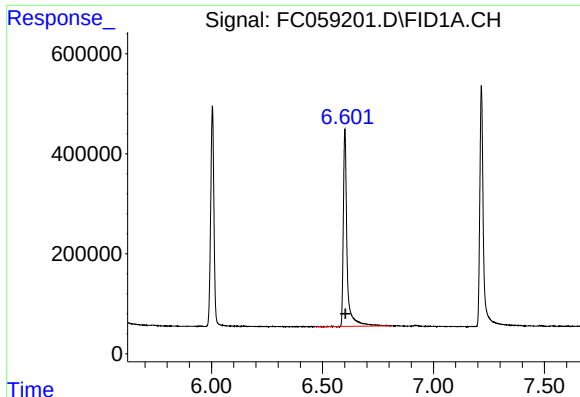
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min  
Delta R.T.: -0.002 min  
Response: 4529332  
Conc: 36.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.004 min  
Delta R.T.: 0.004 min  
Response: 4487995  
Conc: 35.14 ug/ml



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

R.T.: 6.601 min  
Delta R.T.: -0.002 min  
Response: 4655671  
Conc: 36.32 ug/ml

Instrument :

FID\_C

ClientSampleId :

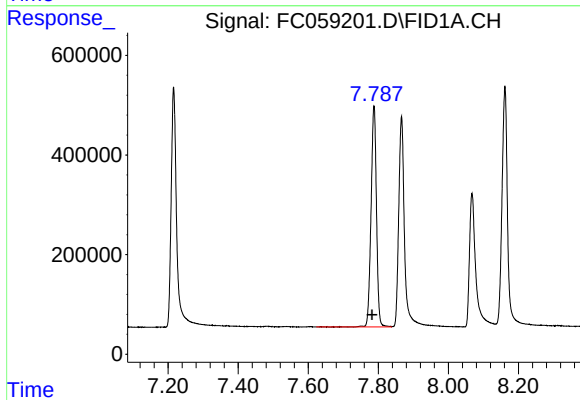
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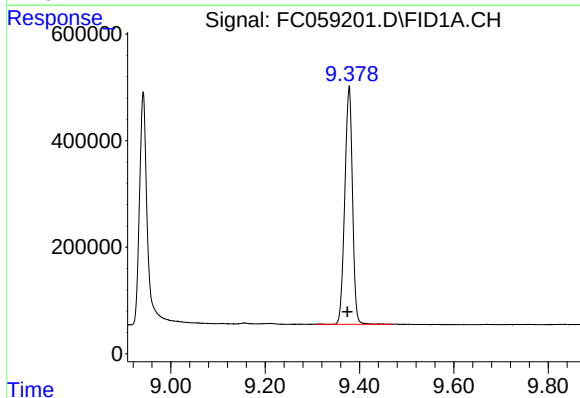
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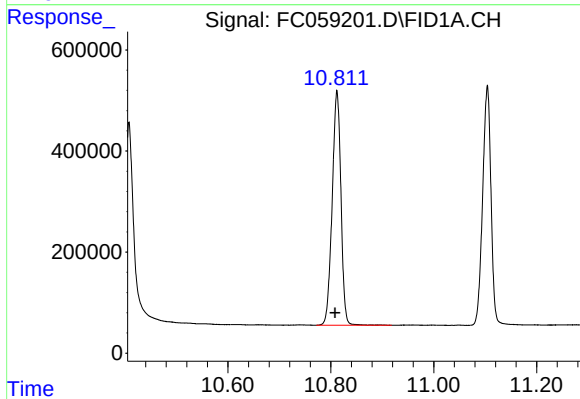
#6 n-Tetradecane (C14)

R.T.: 7.788 min  
Delta R.T.: 0.005 min  
Response: 4762152  
Conc: 36.63 ug/ml



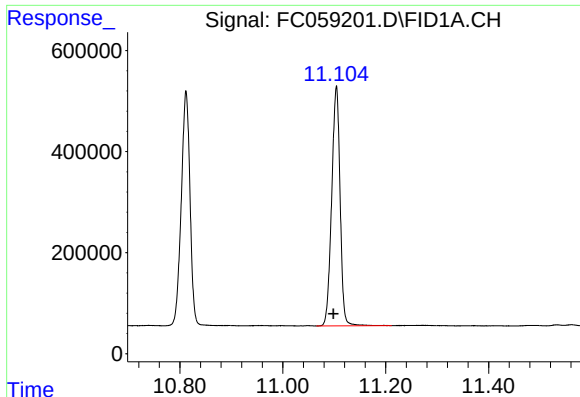
#7 n-Hexadecane (C16)

R.T.: 9.378 min  
Delta R.T.: 0.003 min  
Response: 5055360  
Conc: 38.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.812 min  
Delta R.T.: 0.003 min  
Response: 5484619  
Conc: 41.25 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.104 min  
Delta R.T.: 0.005 min  
Response: 5369826  
Conc: 37.27 ug/ml

Instrument :

FID\_C

ClientSampleId :

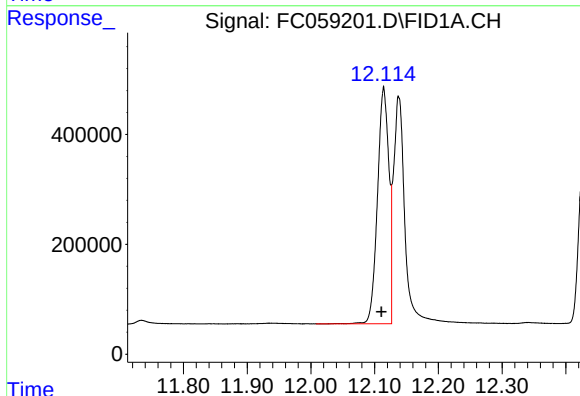
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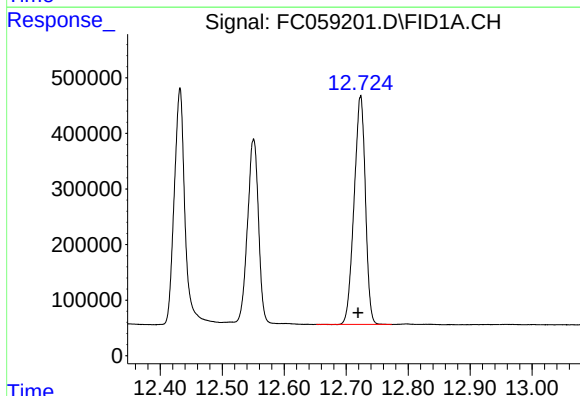
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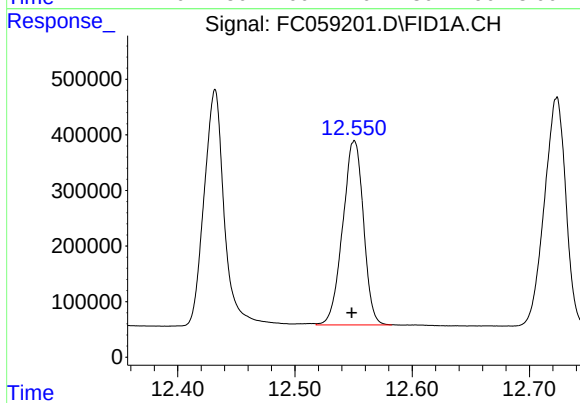
#10 n-Eicosane (C20)

R.T.: 12.114 min  
Delta R.T.: 0.004 min  
Response: 5325538  
Conc: 40.65 ug/ml



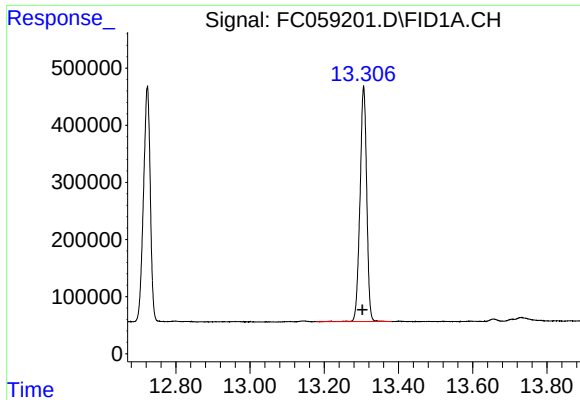
#11 n-Heneicosane (C21)

R.T.: 12.723 min  
Delta R.T.: 0.004 min  
Response: 5208606  
Conc: 39.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.550 min  
Delta R.T.: 0.002 min  
Response: 4078087  
Conc: 36.38 ug/ml m



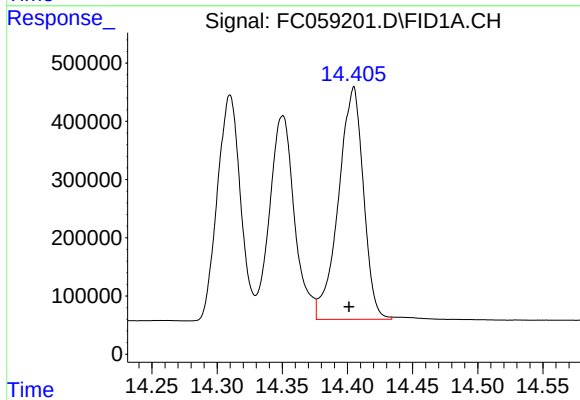
#13 n-Docosane (C22)

R.T.: 13.306 min  
Delta R.T.: 0.003 min  
Response: 5170167  
Conc: 39.91 ug/ml

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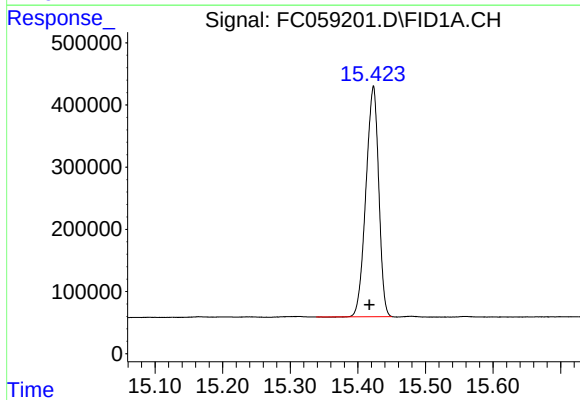
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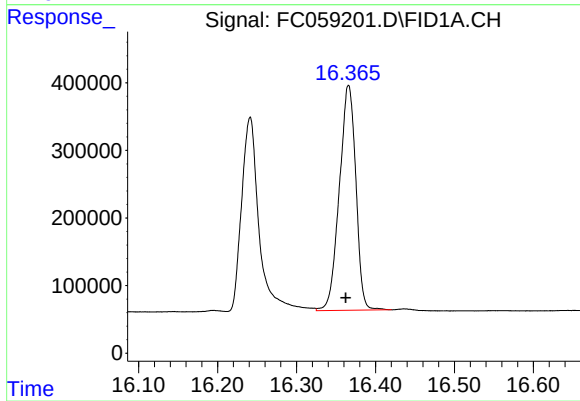
#14 n-Tetracosane (C24)

R.T.: 14.405 min  
Delta R.T.: 0.004 min  
Response: 5309728  
Conc: 42.03 ug/ml m



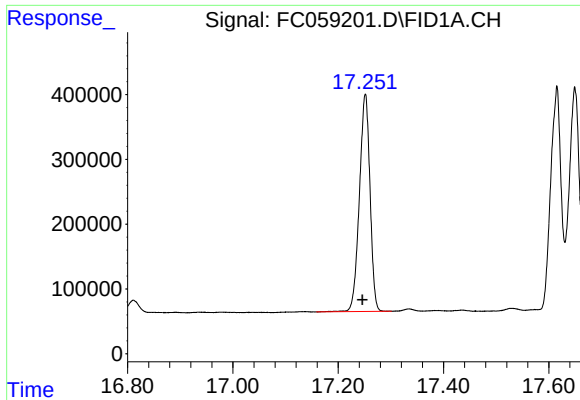
#15 n-Hexacosane (C26)

R.T.: 15.423 min  
Delta R.T.: 0.006 min  
Response: 4879513  
Conc: 40.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.366 min  
Delta R.T.: 0.003 min  
Response: 4831063  
Conc: 40.80 ug/ml



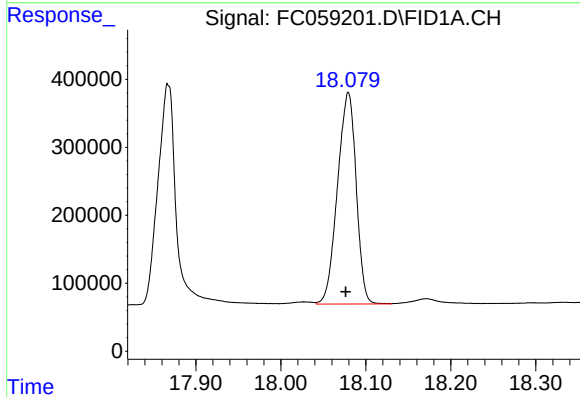
#17 n-Tricontane (C30)

R.T.: 17.251 min  
Delta R.T.: 0.005 min  
Response: 4689568  
Conc: 41.11 ug/ml

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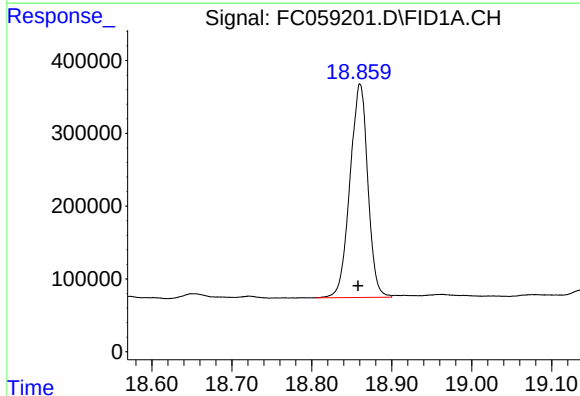
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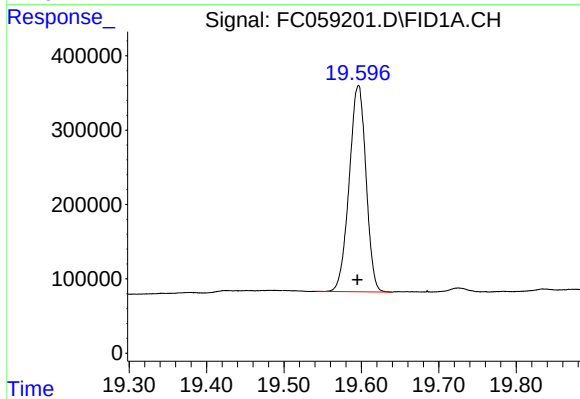
#18 n-Dotriacontane (C32)

R.T.: 18.079 min  
Delta R.T.: 0.003 min  
Response: 4758659  
Conc: 44.42 ug/ml



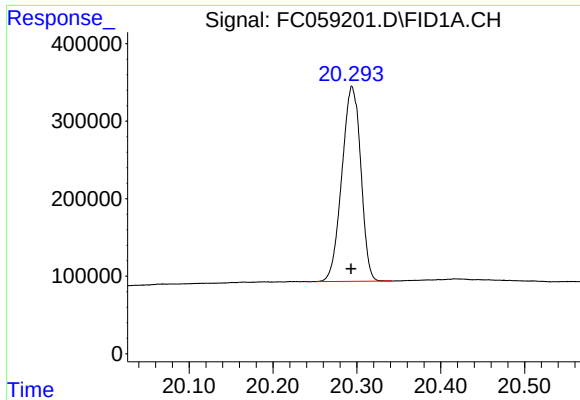
#19 n-Tetratriacontane (C34)

R.T.: 18.859 min  
Delta R.T.: 0.001 min  
Response: 4570120  
Conc: 45.23 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.596 min  
Delta R.T.: 0.001 min  
Response: 4181768  
Conc: 43.77 ug/ml



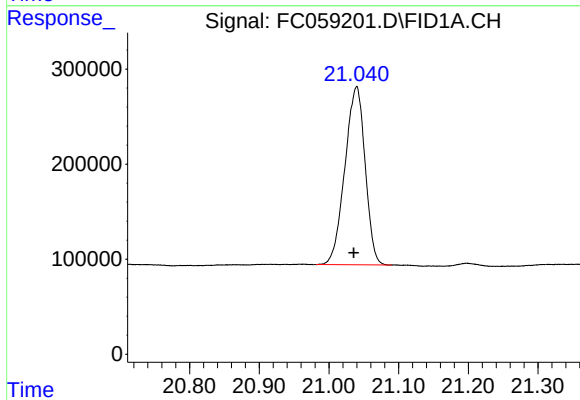
#21 n-Octatriacontane (C38)

R.T.: 20.294 min  
Delta R.T.: 0.001 min  
Response: 3934802  
Conc: 42.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.039 min  
Delta R.T.: 0.004 min  
Response: 3778408  
Conc: 40.65 ug/ml