

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051322AL\  
 Data File : FC059750.D  
 Signal(s) : FID1A.CH  
 Acq On : 13 May 2022 16:05  
 Operator : UA/NP  
 Sample : N2776-02MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 CF-280MER-9-5MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/16/2022  
 Supervised By :mohammad ahmed 05/16/2022

Integration File: sample.E  
 Quant Time: May 13 23:55:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 09 11:12:42 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    |        |            |               |
| 12) S 1-chlorooctadecane (S... | 12.024 | 5648760    | 49.085 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 98.17%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.635  | 3578389    | 28.021 ug/ml  |
| 2) T n-Decane (C10)            | 3.632  | 4388541    | 34.652 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.585  | 5275490    | 40.115 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.336  | 5652061    | 42.004 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.900  | 6016461    | 43.847 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.310 | 6347219    | 46.059 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.590 | 6063745    | 45.085 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.188 | 5970582    | 44.756 ug/ml  |
| 13) T n-Docosane (C22)         | 12.760 | 5858512    | 44.639 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.838 | 5656560    | 44.957 ug/ml  |
| 15) T n-Hexacosane (C26)       | 14.834 | 5369086    | 44.956 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.762 | 5081723    | 44.637 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.629 | 4897987    | 44.558 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.441 | 4829863    | 46.718 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.204 | 4345691    | 44.511 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 18.926 | 4015529    | 43.255 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 19.611 | 3823695    | 40.168 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.258 | 3669888    | 38.767 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP  
Sample : N2776-02MSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

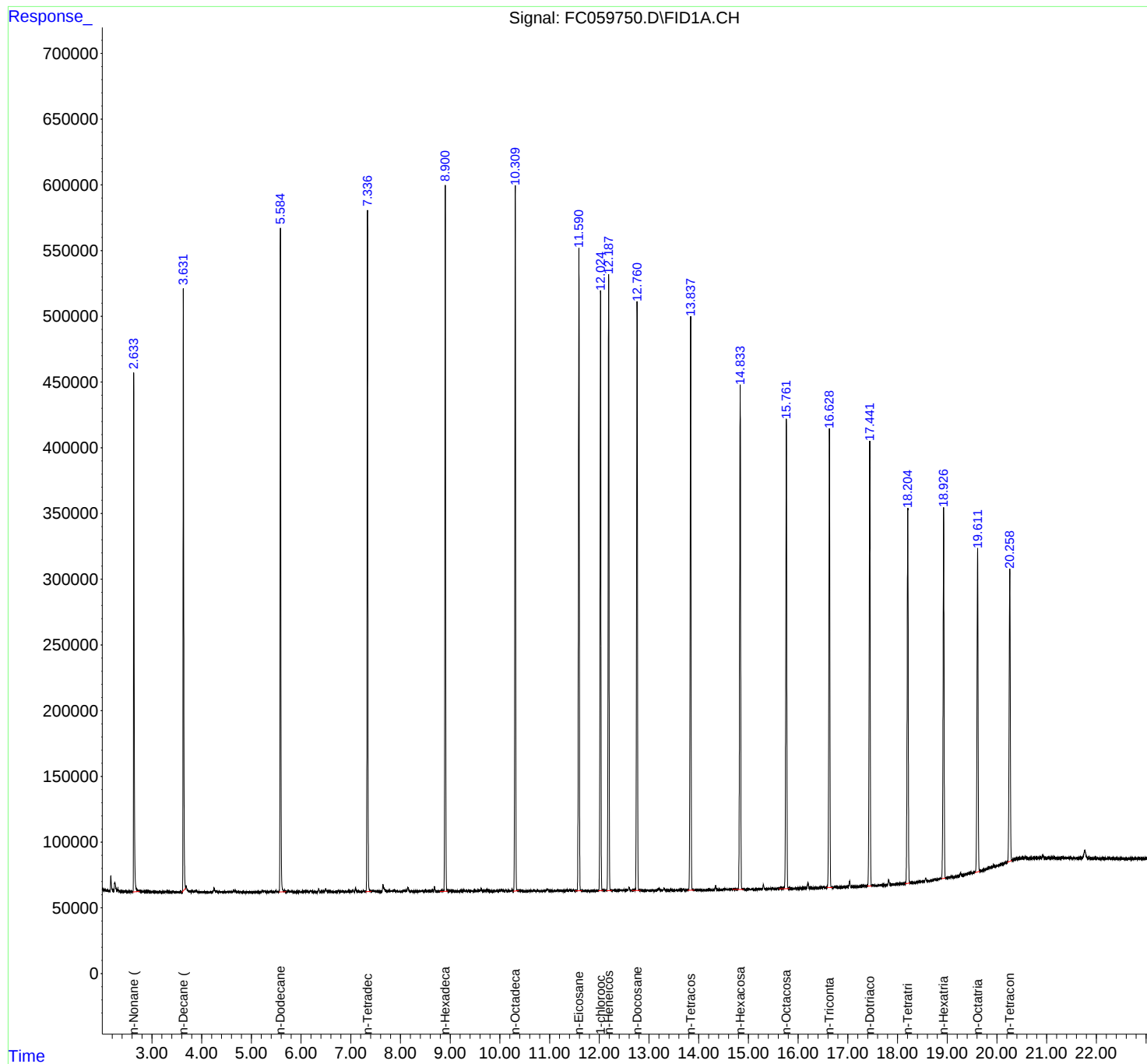
Instrument :  
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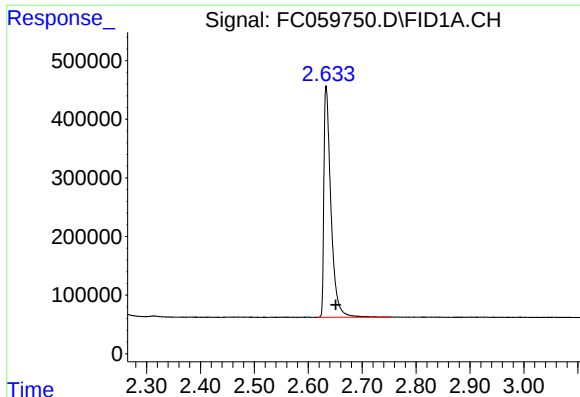
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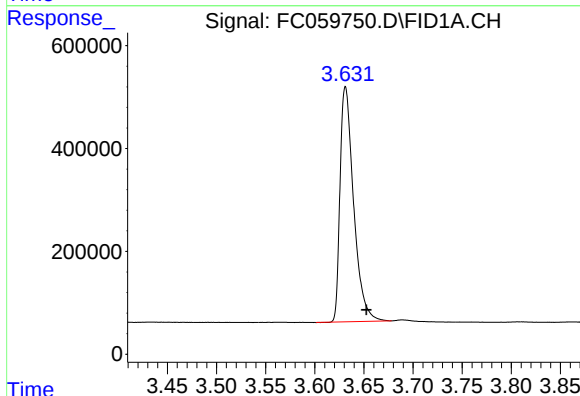
#1 n-Nonane (C9)

R.T.: 2.635 min  
Delta R.T.: -0.016 min  
Response: 3578389  
Conc: 28.02 ug/ml

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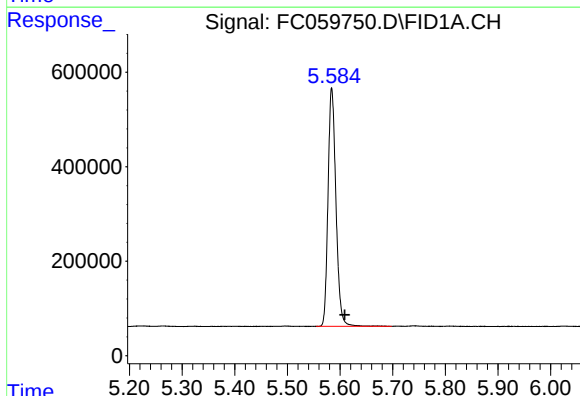
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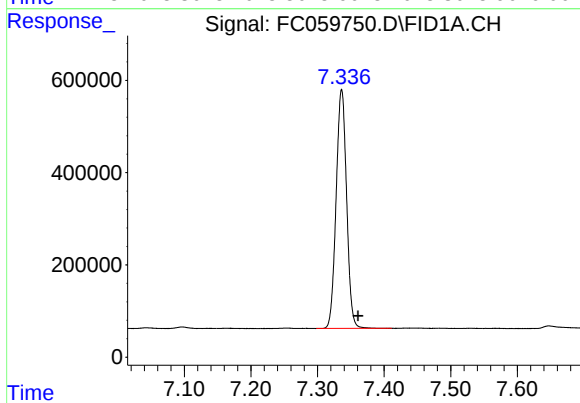
#2 n-Decane (C10)

R.T.: 3.632 min  
Delta R.T.: -0.021 min  
Response: 4388541  
Conc: 34.65 ug/ml



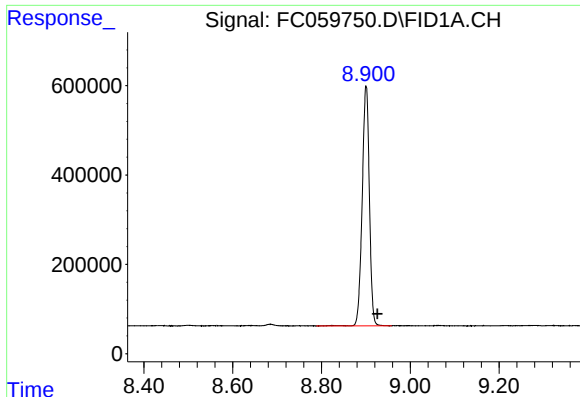
#4 n-Dodecane (C12)

R.T.: 5.585 min  
Delta R.T.: -0.024 min  
Response: 5275490  
Conc: 40.12 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.336 min  
Delta R.T.: -0.025 min  
Response: 5652061  
Conc: 42.00 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.900 min  
Delta R.T.: -0.025 min  
Response: 6016461  
Conc: 43.85 ug/ml

Instrument :

FID\_C

ClientSampleId :

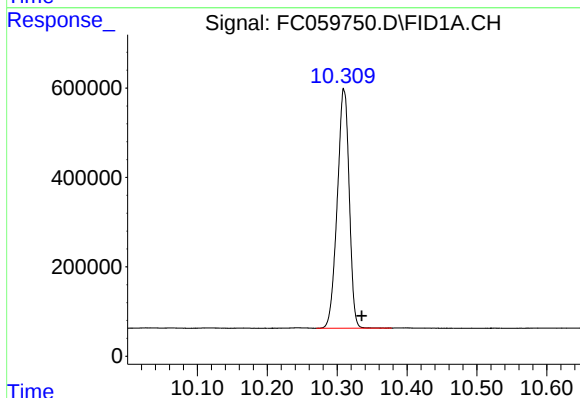
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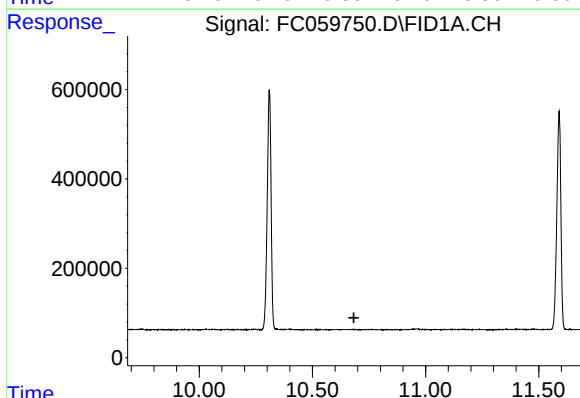
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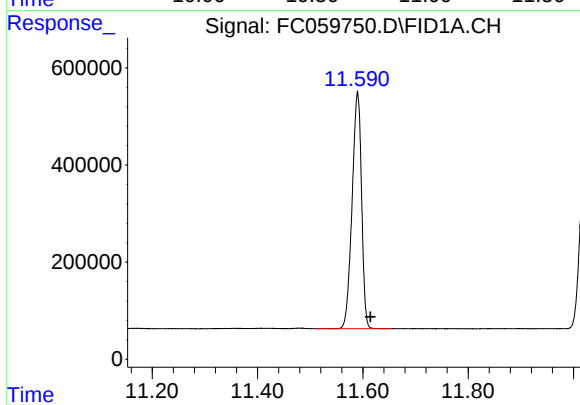
#8 n-Octadecane (C18)

R.T.: 10.310 min  
Delta R.T.: -0.026 min  
Response: 6347219  
Conc: 46.06 ug/ml



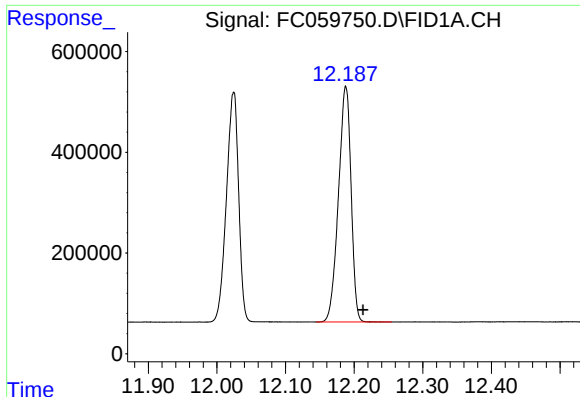
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 10.683 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.590 min  
Delta R.T.: -0.025 min  
Response: 6063745  
Conc: 45.08 ug/ml



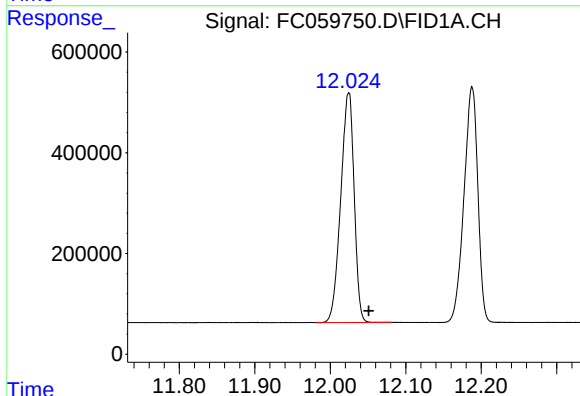
#11 n-Heneicosane (C21)

R.T.: 12.188 min  
Delta R.T.: -0.025 min  
Response: 5970582  
Conc: 44.76 ug/ml

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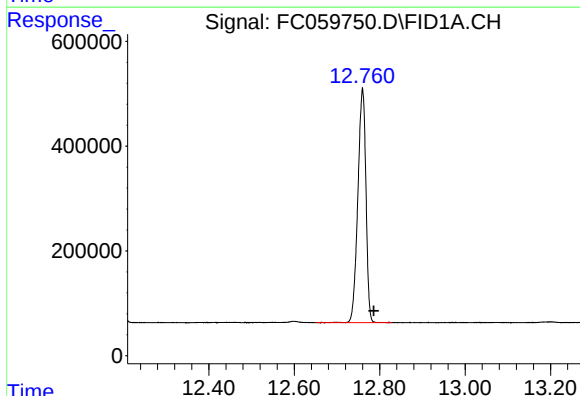
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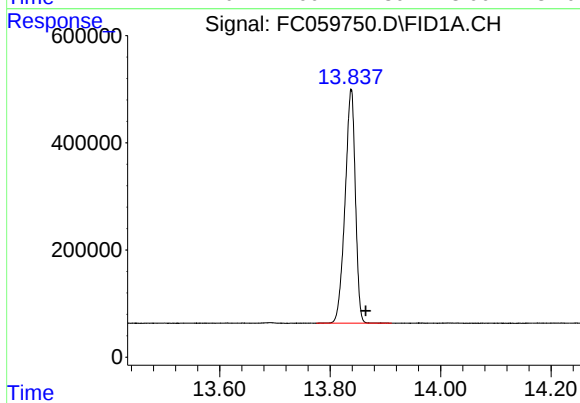
#12 1-chlorooctadecane (SURR)

R.T.: 12.024 min  
Delta R.T.: -0.027 min  
Response: 5648760  
Conc: 49.09 ug/ml



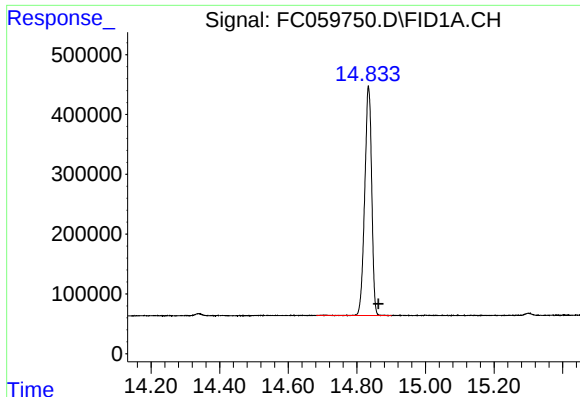
#13 n-Docosane (C22)

R.T.: 12.760 min  
Delta R.T.: -0.027 min  
Response: 5858512  
Conc: 44.64 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.838 min  
Delta R.T.: -0.027 min  
Response: 5656560  
Conc: 44.96 ug/ml



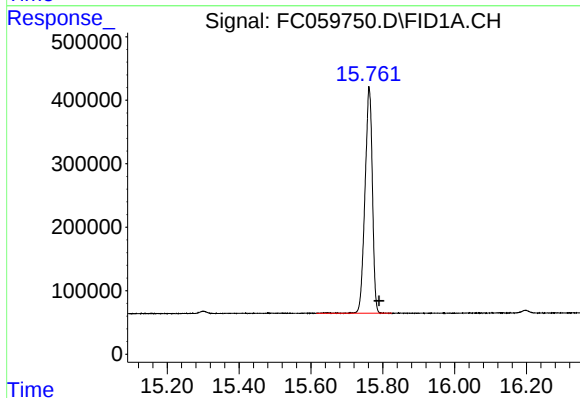
#15 n-Hexacosane (C26)

R.T.: 14.834 min  
Delta R.T.: -0.029 min  
Response: 5369086  
Conc: 44.96 ug/ml

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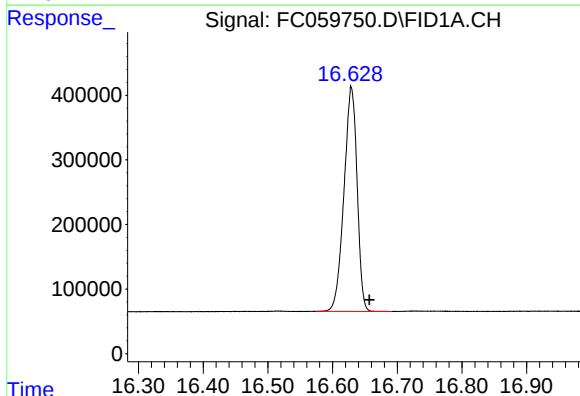
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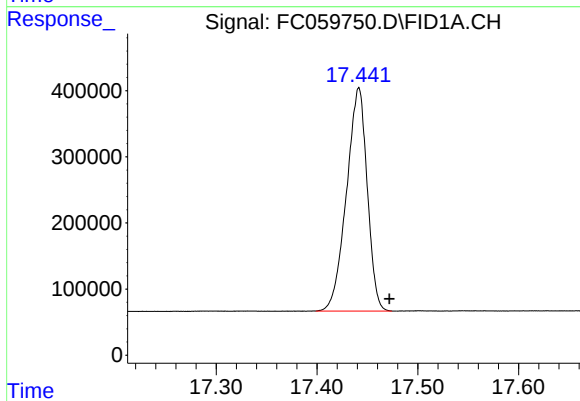
#16 n-Octacosane (C28)

R.T.: 15.762 min  
Delta R.T.: -0.028 min  
Response: 5081723  
Conc: 44.64 ug/ml



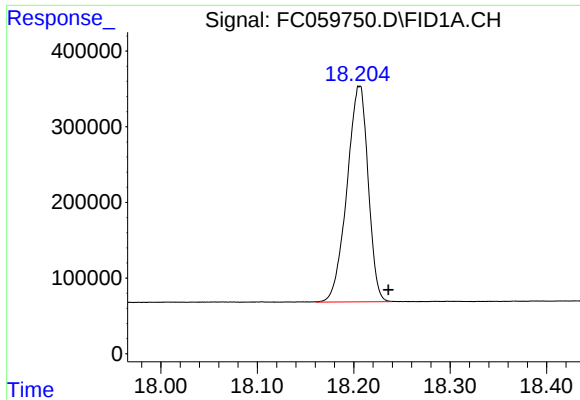
#17 n-Tricontane (C30)

R.T.: 16.629 min  
Delta R.T.: -0.028 min  
Response: 4897987  
Conc: 44.56 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.441 min  
Delta R.T.: -0.031 min  
Response: 4829863  
Conc: 46.72 ug/ml m



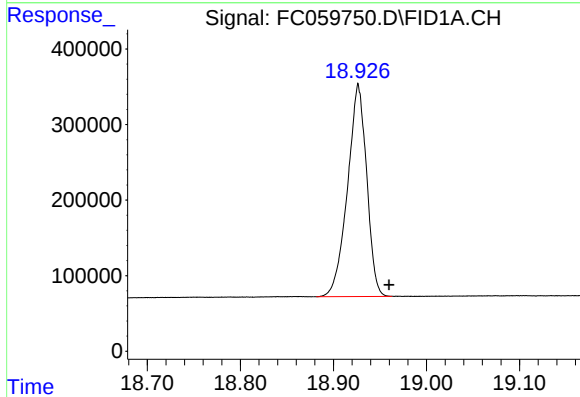
#19 n-Tetratriacontane (C34)

R.T.: 18.204 min  
Delta R.T.: -0.032 min  
Response: 4345691  
Conc: 44.51 ug/ml

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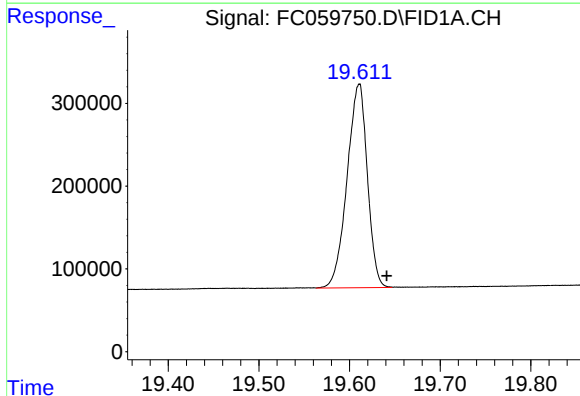
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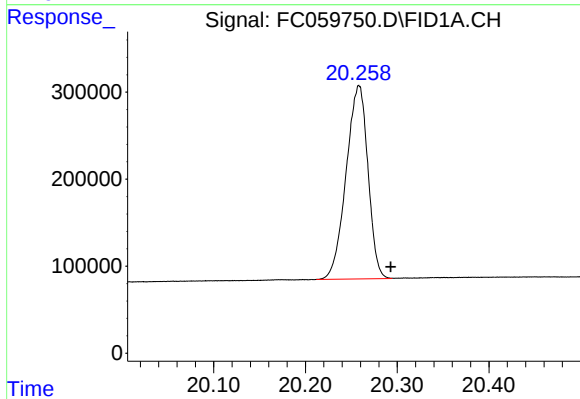
#20 n-Hexatriacontane (C36)

R.T.: 18.926 min  
Delta R.T.: -0.034 min  
Response: 4015529  
Conc: 43.25 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.611 min  
Delta R.T.: -0.030 min  
Response: 3823695  
Conc: 40.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.258 min  
Delta R.T.: -0.035 min  
Response: 3669888  
Conc: 38.77 ug/ml m