

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061422AL\  
 Data File : FC060234.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Jun 2022 17:44  
 Operator : UA/NP  
 Sample : PB145482BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB145482BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/15/2022  
 Supervised By :Ankita Jodhani 06/15/2022

Integration File: autoint1.e  
 Quant Time: Jun 15 01:20:01 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 28 08:22:04 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)    | 10.649 | 6599371    | 42.406 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 84.81%        |
| 12) S 1-chlorooctadecane (S... | 12.017 | 5635797    | 45.454 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 90.91%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.645  | 6916378    | 54.040 ug/ml  |
| 2) T n-Decane (C10)            | 3.633  | 7187368    | 56.181 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.162  | 9080700    | 62.825 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.578  | 8188357    | 61.426 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.185  | 9150691    | 62.348 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.332  | 8500409    | 62.268 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.895  | 8695975    | 61.978 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.304 | 9078481    | 63.438 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.585 | 8740795    | 61.266 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.183 | 8673445    | 60.510 ug/ml  |
| 13) T n-Docosane (C22)         | 12.756 | 8576407    | 60.186 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.835 | 15702351   | 111.896 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.836 | 7898388    | 58.327 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.760 | 8231148    | 63.202 ug/mlm |
| 17) T n-Tricontane (C30)       | 16.631 | 7060394    | 57.671 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.439 | 6908504    | 61.962 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.203 | 6195272    | 60.741 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 18.924 | 5658507    | 59.753 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.607 | 5325490    | 57.721 ug/ml  |
| 22) T n-Tetracontane (C40)     | 20.255 | 5250874    | 55.809 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 14 Jun 2022 17:44  
Operator : UA/NP  
Sample : PB145482BSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

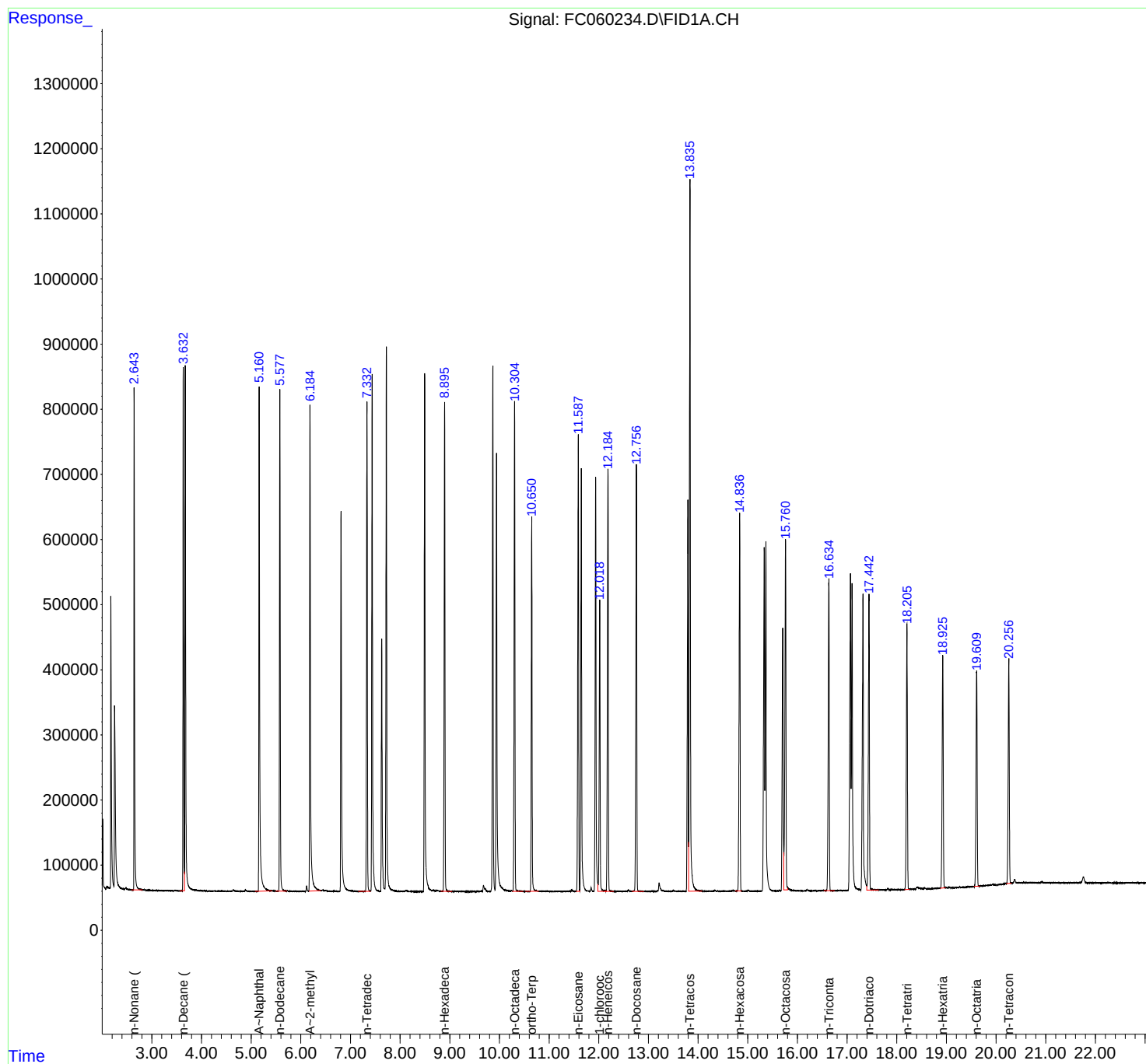
Instrument :  
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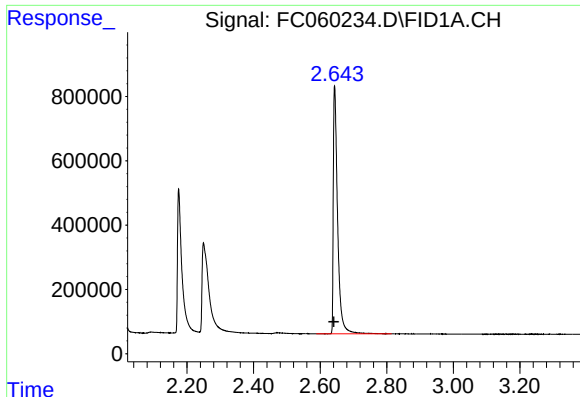
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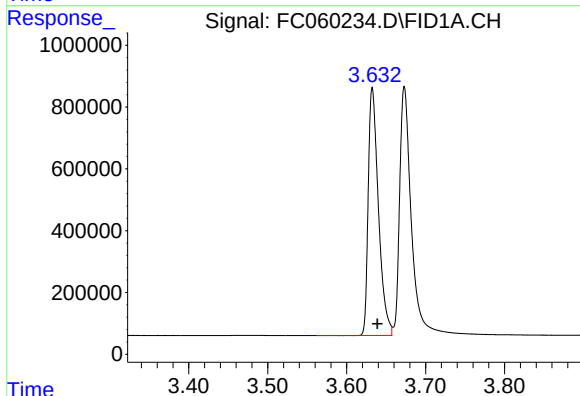
#1 n-Nonane (C9)

R.T.: 2.645 min  
Delta R.T.: 0.004 min  
Response: 6916378  
Conc: 54.04 ug/ml

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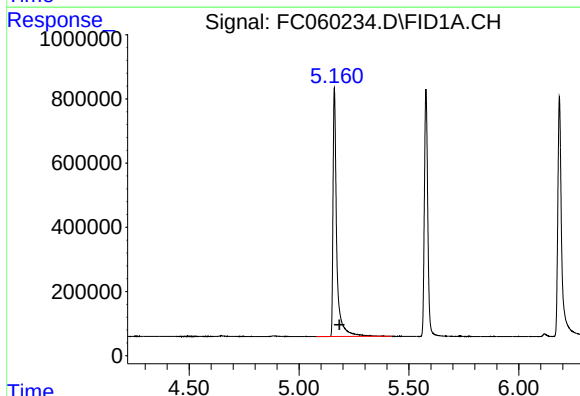
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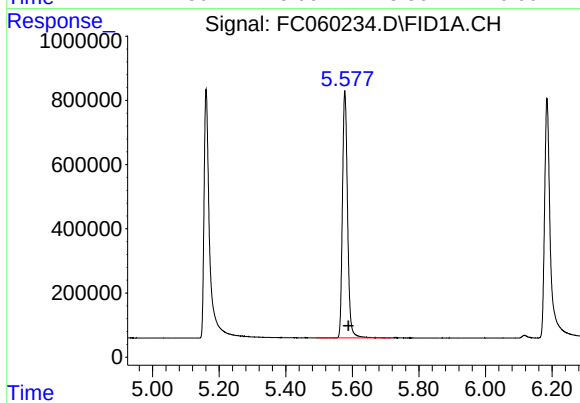
#2 n-Decane (C10)

R.T.: 3.633 min  
Delta R.T.: -0.006 min  
Response: 7187368  
Conc: 56.18 ug/ml



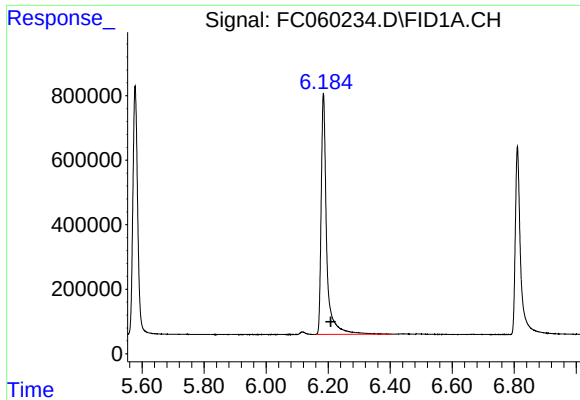
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min  
Delta R.T.: -0.022 min  
Response: 9080700  
Conc: 62.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.578 min  
Delta R.T.: -0.010 min  
Response: 8188357  
Conc: 61.43 ug/ml



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

R.T.: 6.185 min  
Delta R.T.: -0.023 min  
Response: 9150691  
Conc: 62.35 ug/ml

Instrument :

FID\_C

ClientSampleId :

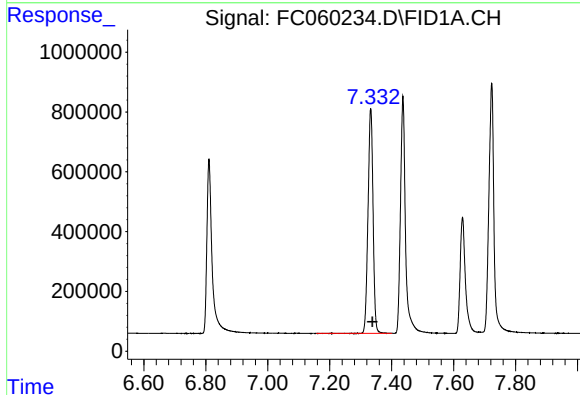
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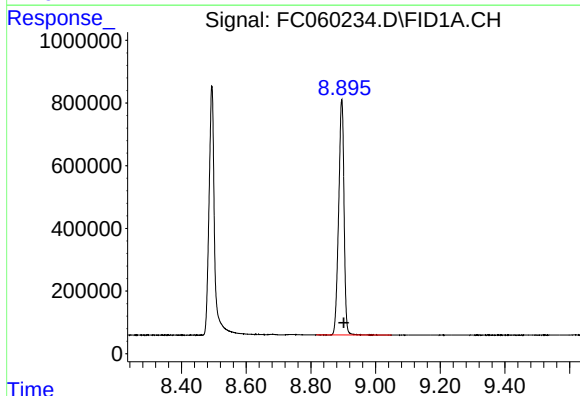
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Supervised By :Ankita Jodhani 06/15/2022



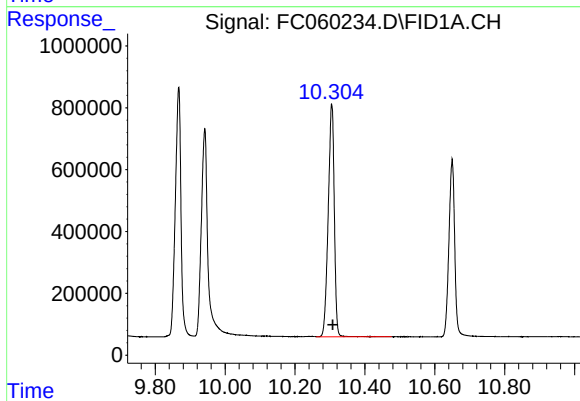
#6 n-Tetradecane (C14)

R.T.: 7.332 min  
Delta R.T.: -0.006 min  
Response: 8500409  
Conc: 62.27 ug/ml



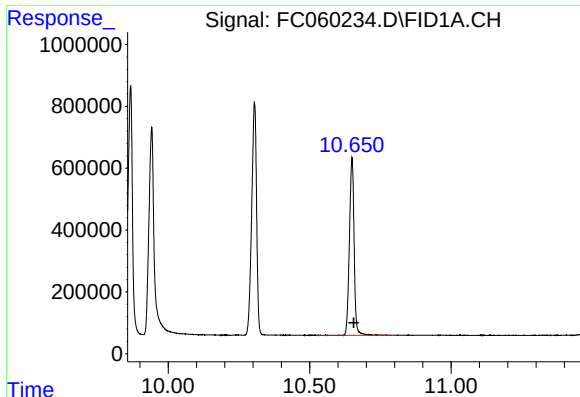
#7 n-Hexadecane (C16)

R.T.: 8.895 min  
Delta R.T.: -0.006 min  
Response: 8695975  
Conc: 61.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.304 min  
Delta R.T.: -0.004 min  
Response: 9078481  
Conc: 63.44 ug/ml



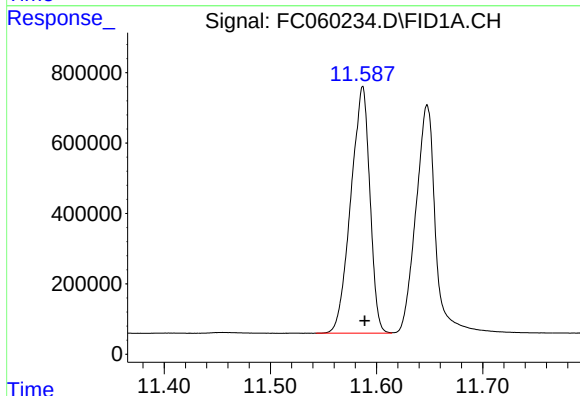
#9 ortho-Terphenyl (SURR)

R.T.: 10.649 min  
Delta R.T.: -0.007 min  
Response: 6599371  
Conc: 42.41 ug/ml

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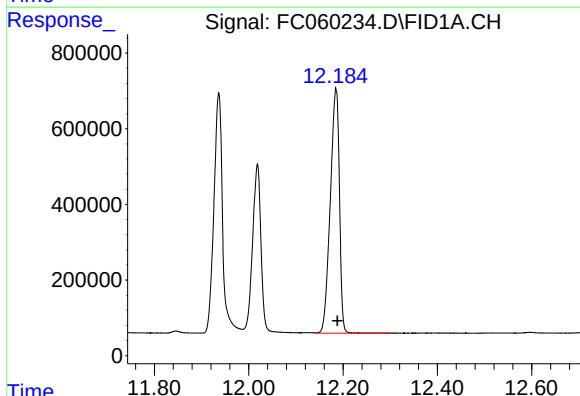
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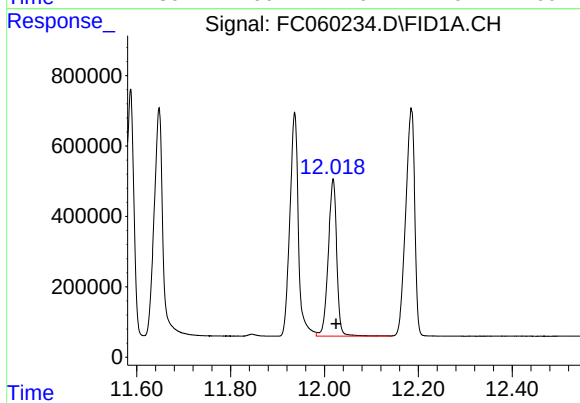
#10 n-Eicosane (C20)

R.T.: 11.585 min  
Delta R.T.: -0.003 min  
Response: 8740795  
Conc: 61.27 ug/ml



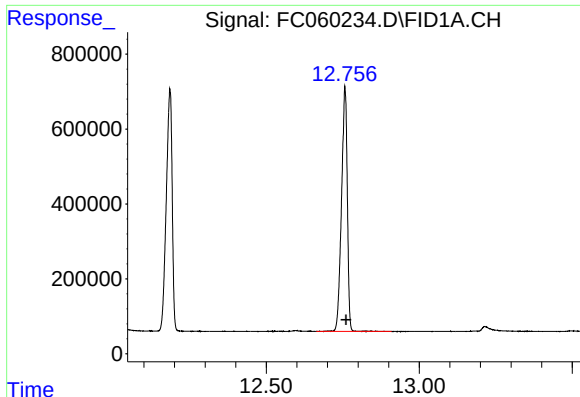
#11 n-Heneicosane (C21)

R.T.: 12.183 min  
Delta R.T.: -0.004 min  
Response: 8673445  
Conc: 60.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.017 min  
Delta R.T.: -0.007 min  
Response: 5635797  
Conc: 45.45 ug/ml



#13 n-Docosane (C22)

R.T.: 12.756 min  
Delta R.T.: -0.004 min  
Response: 8576407  
Conc: 60.19 ug/ml

Instrument :

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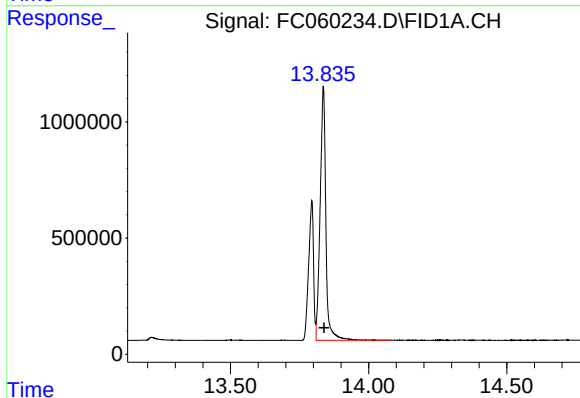
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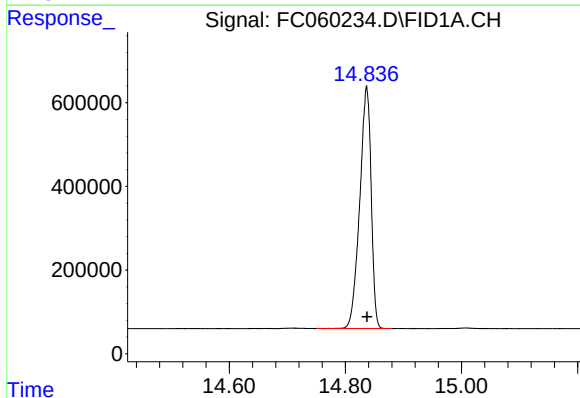
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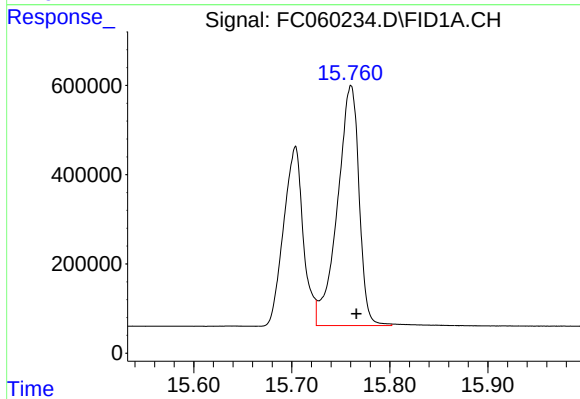
#14 n-Tetracosane (C24)

R.T.: 13.835 min  
Delta R.T.: -0.004 min  
Response: 15702351  
Conc: 111.90 ug/ml



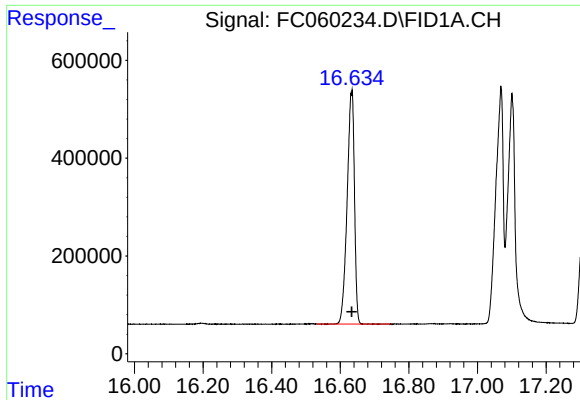
#15 n-Hexacosane (C26)

R.T.: 14.836 min  
Delta R.T.: -0.002 min  
Response: 7898388  
Conc: 58.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.760 min  
Delta R.T.: -0.006 min  
Response: 8231148  
Conc: 63.20 ug/ml m



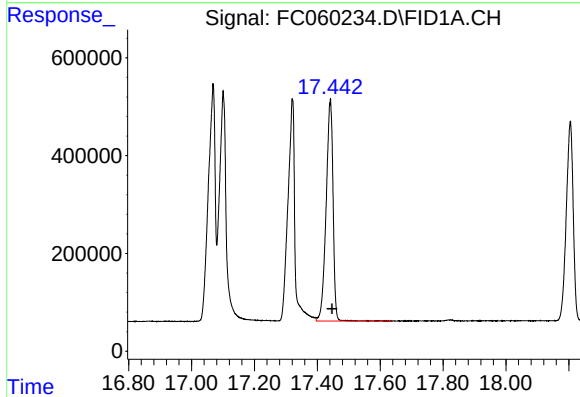
#17 n-Tricontane (C30)

R.T.: 16.631 min  
Delta R.T.: -0.002 min  
Response: 7060394  
Conc: 57.67 ug/ml

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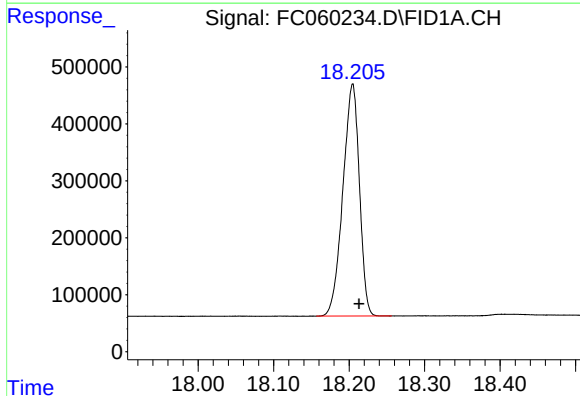
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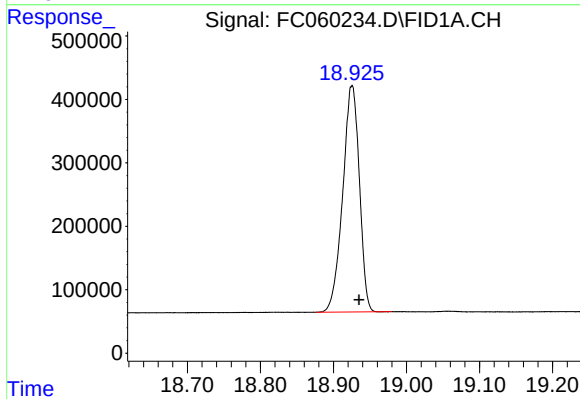
#18 n-Dotriacontane (C32)

R.T.: 17.439 min  
Delta R.T.: -0.008 min  
Response: 6908504  
Conc: 61.96 ug/ml



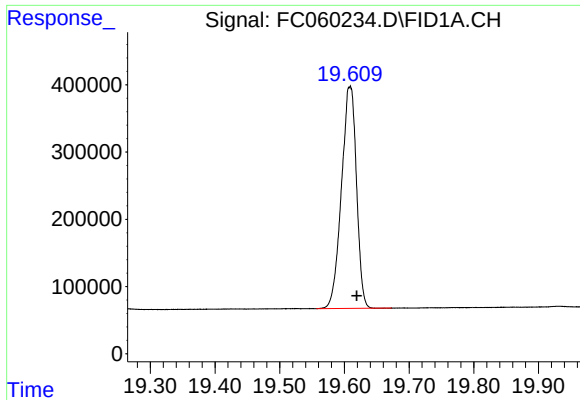
#19 n-Tetratriacontane (C34)

R.T.: 18.203 min  
Delta R.T.: -0.010 min  
Response: 6195272  
Conc: 60.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.924 min  
Delta R.T.: -0.011 min  
Response: 5658507  
Conc: 59.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.607 min  
Delta R.T.: -0.012 min  
Response: 5325490  
Conc: 57.72 ug/ml

Instrument :

FID\_C

ClientSampleId :

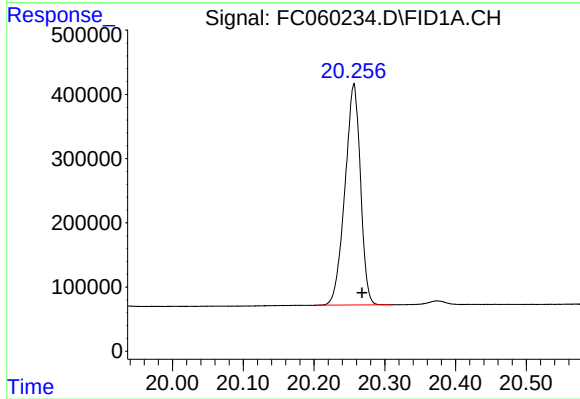
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#22 n-Tetracontane (C40)

R.T.: 20.255 min  
Delta R.T.: -0.013 min  
Response: 5250874  
Conc: 55.81 ug/ml