

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062022AL\  
 Data File : FC060385.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Jun 2022 13:36  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/23/2022  
 Supervised By :Ankita Jodhani 06/23/2022

Integration File: autoint1.e  
 Quant Time: Jun 22 03:26:03 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 | 3109115    | 19.978 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.96%        |
| 12) S 1-chlorooctadecane (S... | 12.020 | 2450885    | 19.767 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.53%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.620  | 2841527    | 22.202 ug/ml  |
| 2) T n-Decane (C10)            | 3.621  | 2874311    | 22.468 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.163  | 2989444    | 20.682 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.576  | 3030704    | 22.735 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.188  | 3013972    | 20.536 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.328  | 3060953    | 22.422 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.893  | 3070439    | 21.884 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.303 | 3027272    | 21.154 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.584 | 2903481    | 20.351 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.183 | 2859569    | 19.950 ug/ml  |
| 13) T n-Docosane (C22)         | 12.756 | 2801721    | 19.661 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.836 | 2694141    | 19.199 ug/ml  |
| 15) T n-Hexacosane (C26)       | 14.835 | 2639253    | 19.490 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.764 | 2655475    | 20.390 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.633 | 2723866    | 22.249 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.447 | 2689244    | 24.120 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.213 | 2533308    | 24.838 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 18.934 | 2370439    | 25.031 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 19.619 | 2278337    | 24.694 ug/ml  |
| 22) T n-Tetracontane (C40)     | 20.267 | 2182369    | 23.195 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

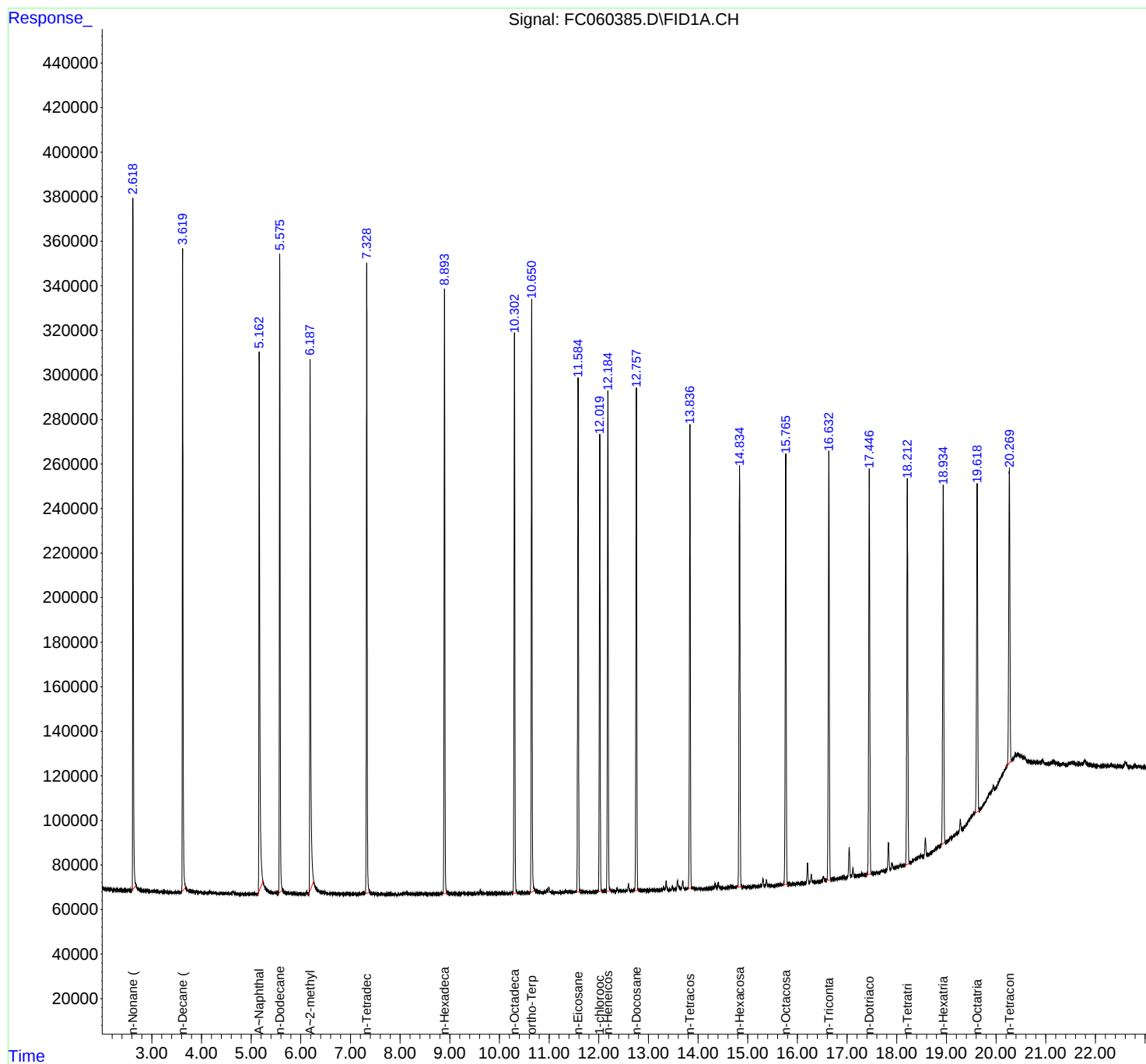
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

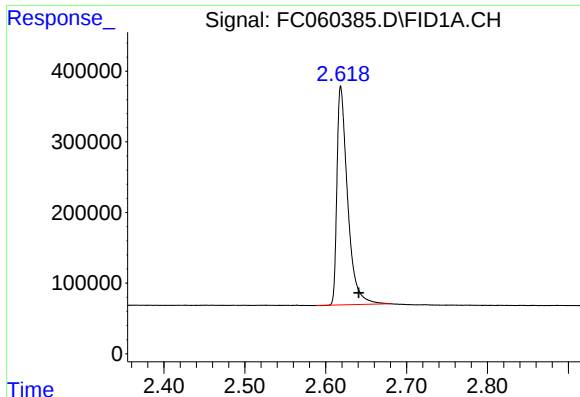
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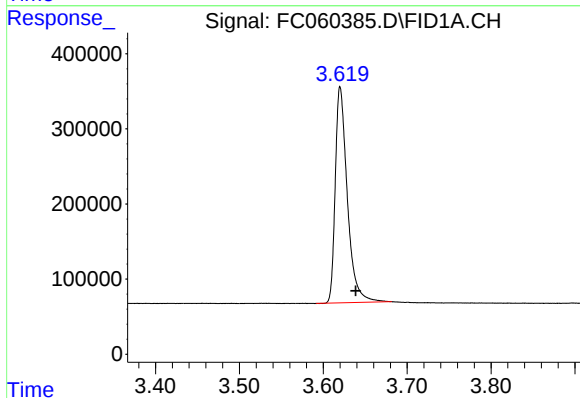
#1 n-Nonane (C9)

R.T.: 2.620 min  
Delta R.T.: -0.021 min  
Response: 2841527  
Conc: 22.20 ug/ml

Instrument :  
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20 PPM ALIPHATIC HC STD

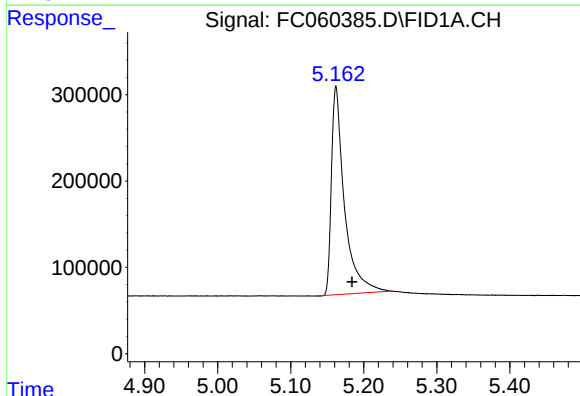
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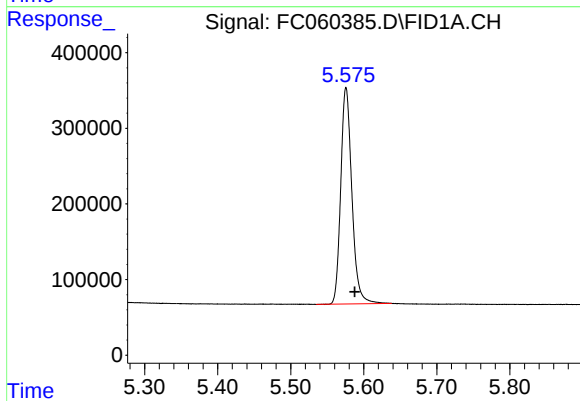
#2 n-Decane (C10)

R.T.: 3.621 min  
Delta R.T.: -0.018 min  
Response: 2874311  
Conc: 22.47 ug/ml



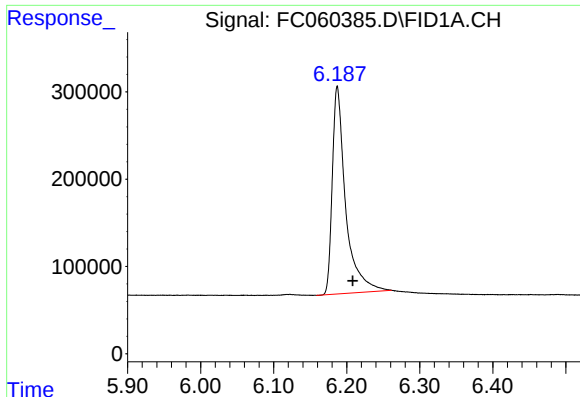
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min  
Delta R.T.: -0.021 min  
Response: 2989444  
Conc: 20.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.576 min  
Delta R.T.: -0.012 min  
Response: 3030704  
Conc: 22.74 ug/ml



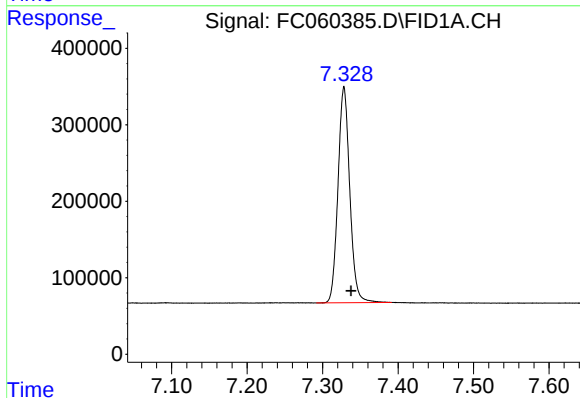
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min  
Delta R.T.: -0.021 min  
Response: 3013972  
Conc: 20.54 ug/ml

Instrument :  
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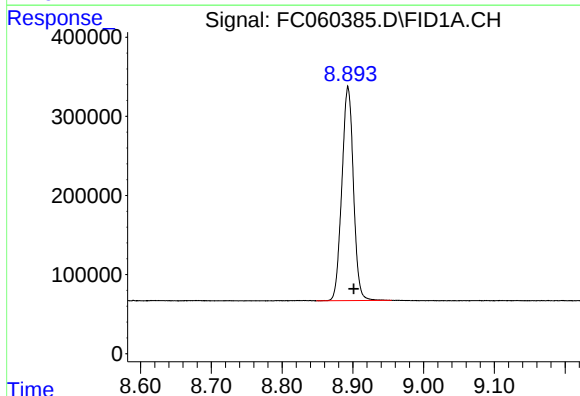
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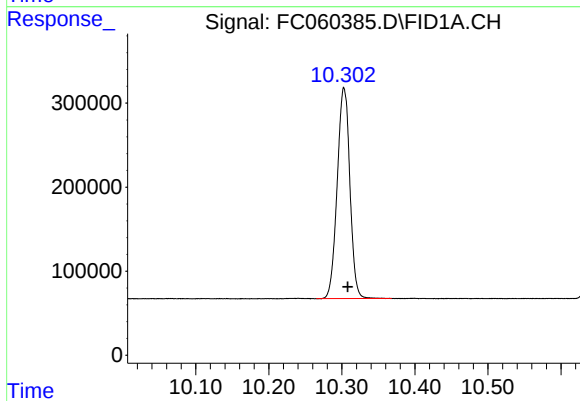
#6 n-Tetradecane (C14)

R.T.: 7.328 min  
Delta R.T.: -0.009 min  
Response: 3060953  
Conc: 22.42 ug/ml



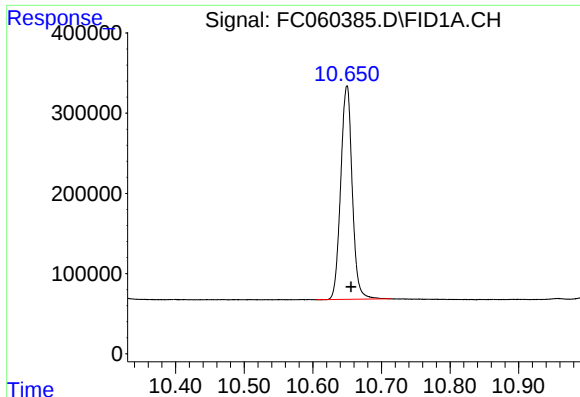
#7 n-Hexadecane (C16)

R.T.: 8.893 min  
Delta R.T.: -0.008 min  
Response: 3070439  
Conc: 21.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.303 min  
Delta R.T.: -0.005 min  
Response: 3027272  
Conc: 21.15 ug/ml



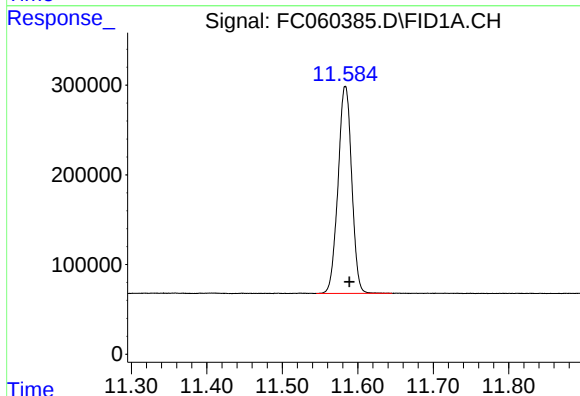
#9 ortho-Terphenyl (SURR)

R.T.: 10.649 min  
Delta R.T.: -0.006 min  
Response: 3109115  
Conc: 19.98 ug/ml

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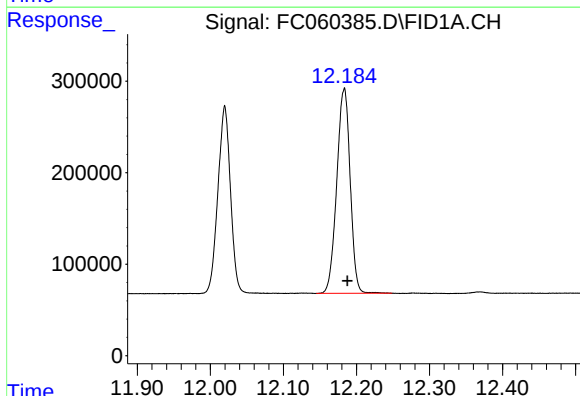
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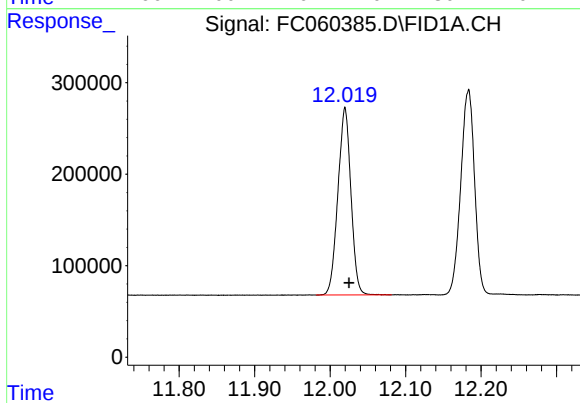
#10 n-Eicosane (C20)

R.T.: 11.584 min  
Delta R.T.: -0.005 min  
Response: 2903481  
Conc: 20.35 ug/ml



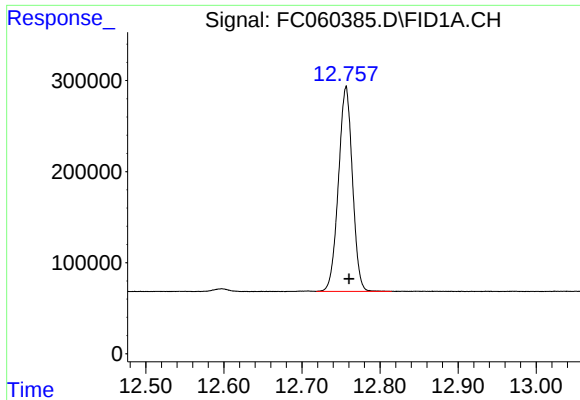
#11 n-Heneicosane (C21)

R.T.: 12.183 min  
Delta R.T.: -0.005 min  
Response: 2859569  
Conc: 19.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.020 min  
Delta R.T.: -0.005 min  
Response: 2450885  
Conc: 19.77 ug/ml



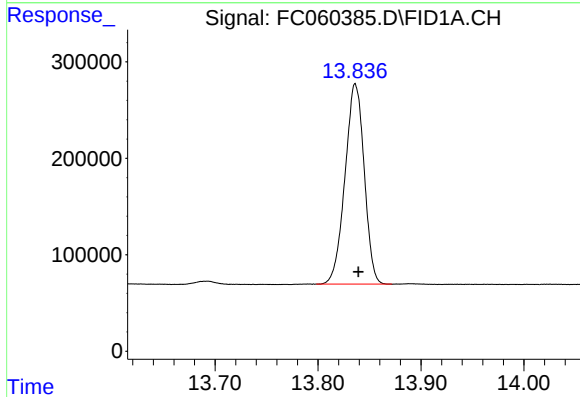
#13 n-Docosane (C22)

R.T.: 12.756 min  
Delta R.T.: -0.004 min  
Response: 2801721  
Conc: 19.66 ug/ml

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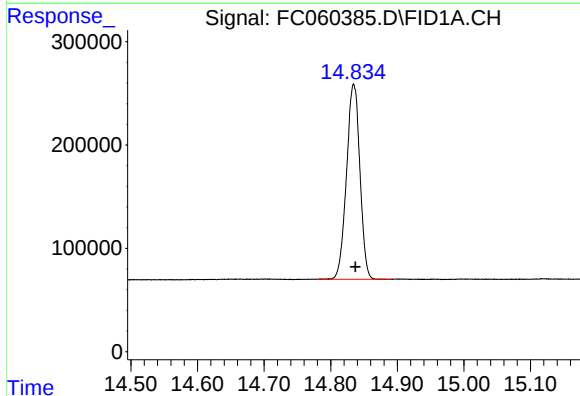
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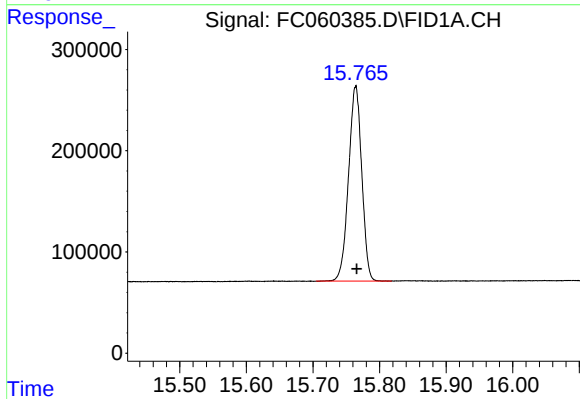
#14 n-Tetracosane (C24)

R.T.: 13.836 min  
Delta R.T.: -0.003 min  
Response: 2694141  
Conc: 19.20 ug/ml



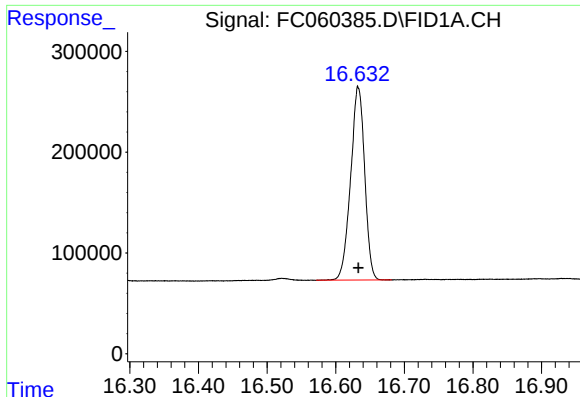
#15 n-Hexacosane (C26)

R.T.: 14.835 min  
Delta R.T.: -0.003 min  
Response: 2639253  
Conc: 19.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.764 min  
Delta R.T.: -0.002 min  
Response: 2655475  
Conc: 20.39 ug/ml



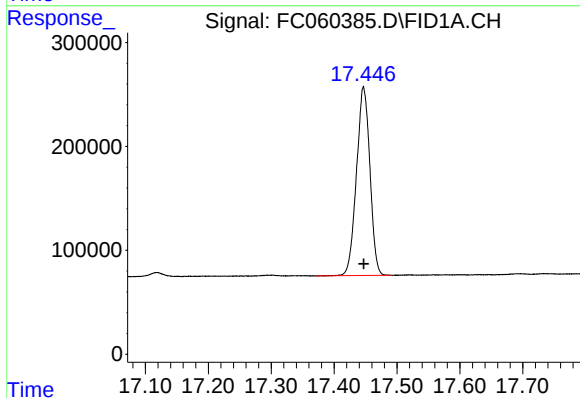
#17 n-Tricontane (C30)

R.T.: 16.633 min  
Delta R.T.: 0.000 min  
Response: 2723866  
Conc: 22.25 ug/ml

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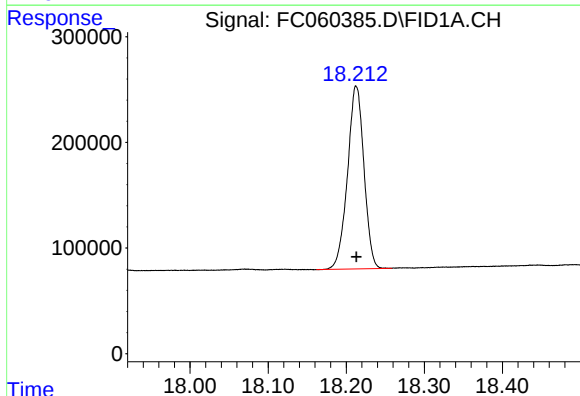
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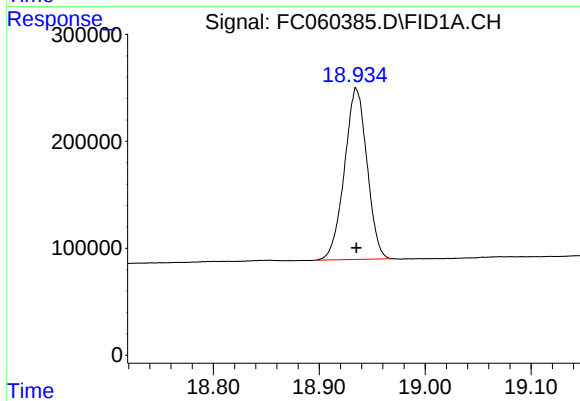
#18 n-Dotriacontane (C32)

R.T.: 17.447 min  
Delta R.T.: 0.000 min  
Response: 2689244  
Conc: 24.12 ug/ml



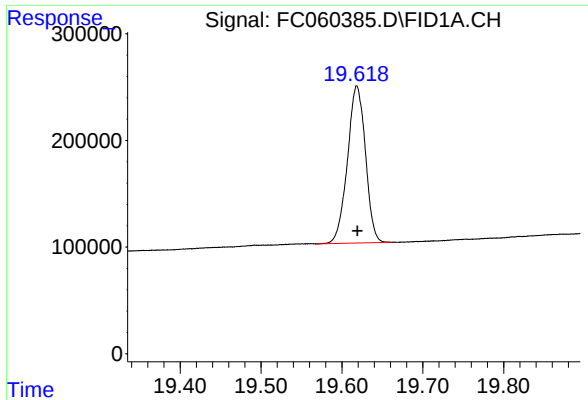
#19 n-Tetratriacontane (C34)

R.T.: 18.213 min  
Delta R.T.: 0.000 min  
Response: 2533308  
Conc: 24.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.934 min  
Delta R.T.: -0.001 min  
Response: 2370439  
Conc: 25.03 ug/ml m



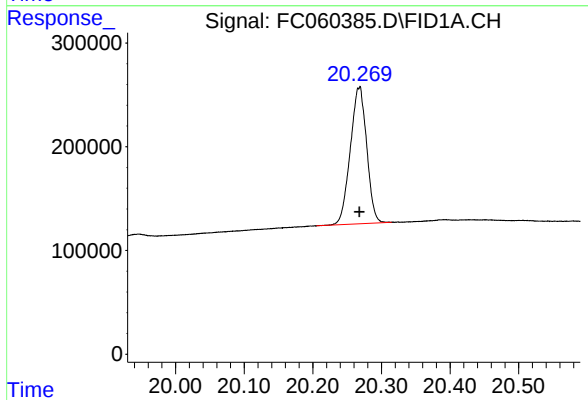
#21 n-Octatriacontane (C38)

R.T.: 19.619 min  
Delta R.T.: 0.000 min  
Response: 2278337  
Conc: 24.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.267 min  
Delta R.T.: 0.000 min  
Response: 2182369  
Conc: 23.20 ug/ml