

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072822AL\  
 Data File : FC060886.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Jul 2022 22:41  
 Operator : YP/AJ  
 Sample : N3942-02MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 72-11977MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/29/2022  
 Supervised By :Ankita Jodhani 07/29/2022

Integration File: autoint1.e  
 Quant Time: Jul 29 03:41:22 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 25 19:40:54 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 10.637 | 6231375    | 37.971 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 75.94%        |
| 12) S 1-chlorooctadecane (S... | 12.003 | 5194354    | 39.127 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 78.25%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.620  | 4211367    | 29.902 ug/ml  |
| 2) T n-Decane (C10)            | 3.617  | 4594183    | 32.568 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.156  | 5877404    | 41.348 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.567  | 5346246    | 36.071 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.180  | 5948609    | 43.373 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.319  | 5666019    | 37.740 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.881  | 6094901    | 39.827 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.290 | 6506381    | 41.667 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.569 | 6379815    | 40.653 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.165 | 6178700    | 39.488 ug/ml  |
| 13) T n-Docosane (C22)         | 12.738 | 6011940    | 38.559 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.818 | 11538669   | 75.580 ug/ml  |
| 15) T n-Hexacosane (C26)       | 14.814 | 5506821    | 36.891 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.738 | 6249545    | 43.614 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.608 | 5242991    | 37.449 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.417 | 5349774    | 39.639 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.182 | 4651008    | 37.084 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 18.903 | 4443800    | 36.355 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 19.582 | 4054042    | 34.349 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.230 | 4097927    | 35.604 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
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ALS Vial : 14 Sample Multiplier: 1

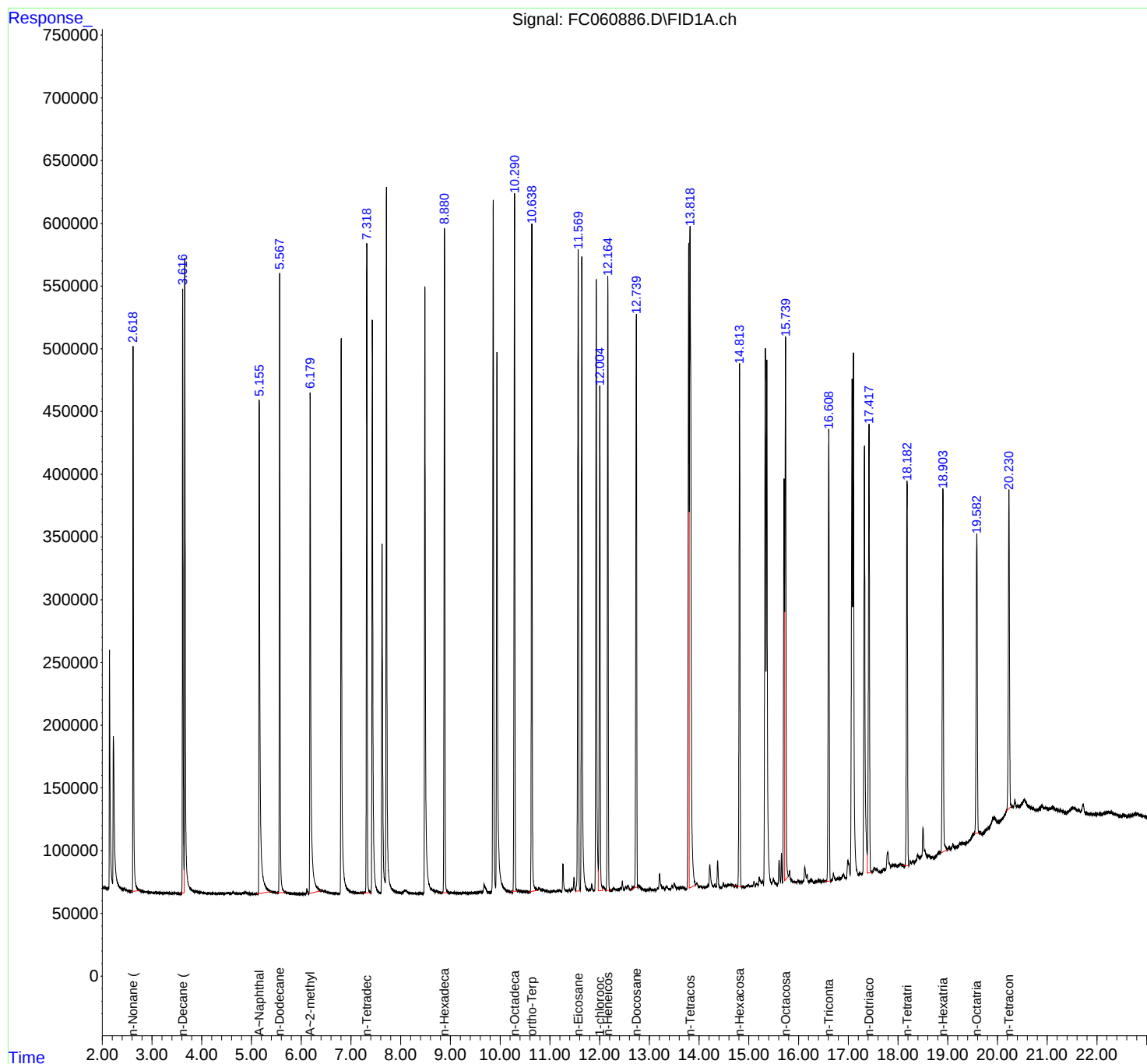
Instrument :  
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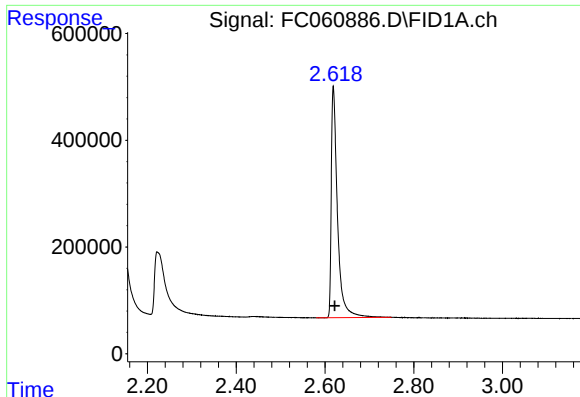
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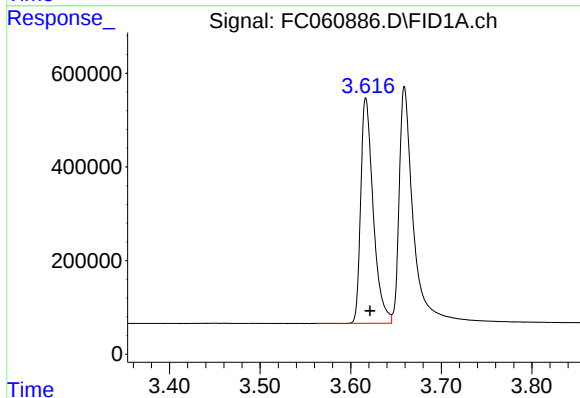
#1 n-Nonane (C9)

R.T.: 2.620 min  
Delta R.T.: -0.002 min  
Response: 4211367  
Conc: 29.90 ug/ml

Instrument :  
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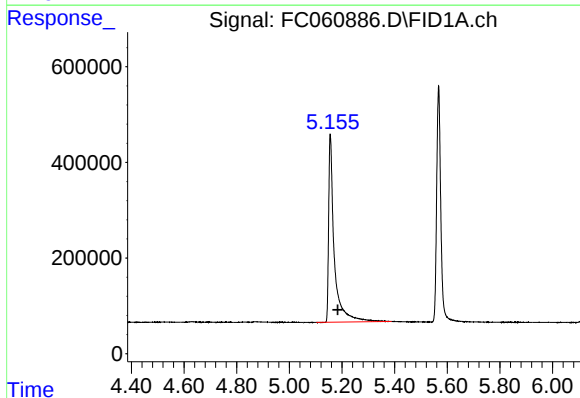
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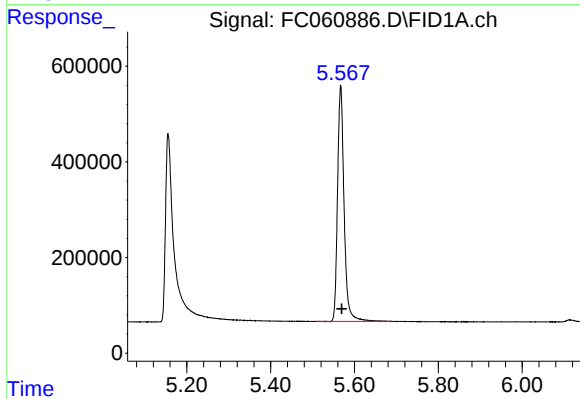
#2 n-Decane (C10)

R.T.: 3.617 min  
Delta R.T.: -0.004 min  
Response: 4594183  
Conc: 32.57 ug/ml



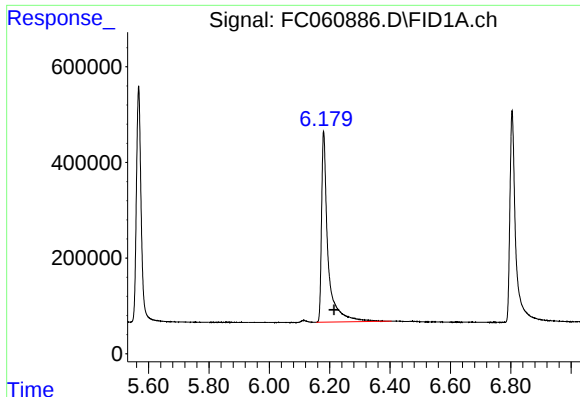
#3 A~Naphthalene (C11.7)

R.T.: 5.156 min  
Delta R.T.: -0.028 min  
Response: 5877404  
Conc: 41.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.567 min  
Delta R.T.: -0.002 min  
Response: 5346246  
Conc: 36.07 ug/ml



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

R.T.: 6.180 min  
Delta R.T.: -0.034 min  
Response: 5948609  
Conc: 43.37 ug/ml

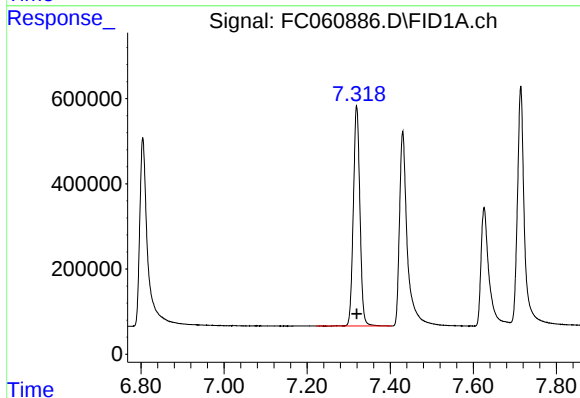
Instrument :

FID\_C

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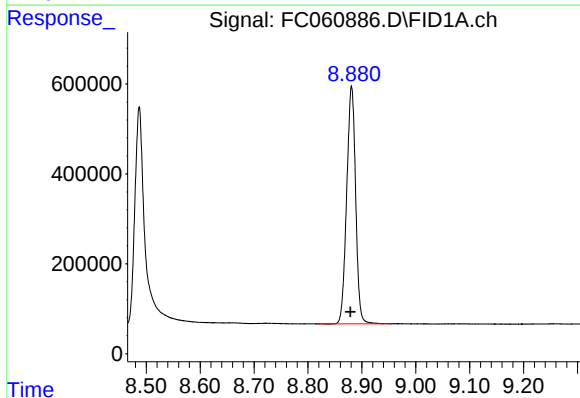
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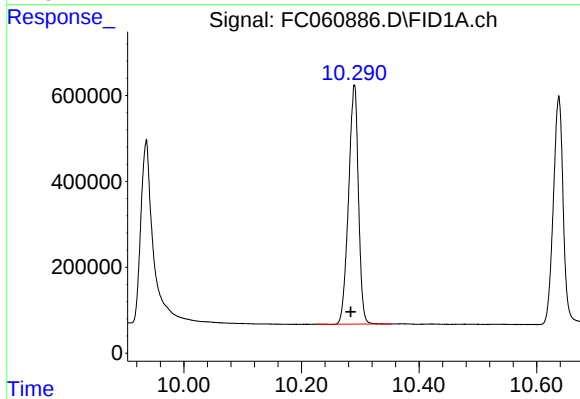
#6 n-Tetradecane (C14)

R.T.: 7.319 min  
Delta R.T.: 0.000 min  
Response: 5666019  
Conc: 37.74 ug/ml



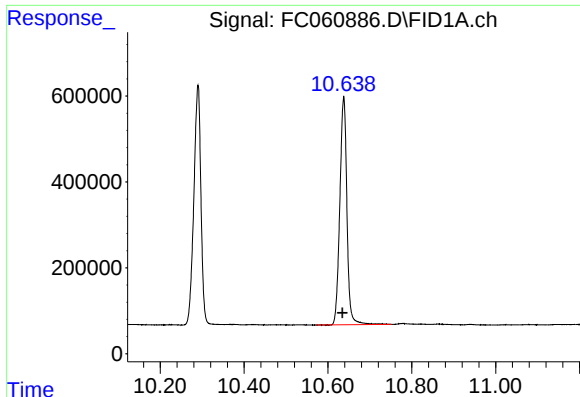
#7 n-Hexadecane (C16)

R.T.: 8.881 min  
Delta R.T.: 0.002 min  
Response: 6094901  
Conc: 39.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.290 min  
Delta R.T.: 0.006 min  
Response: 6506381  
Conc: 41.67 ug/ml



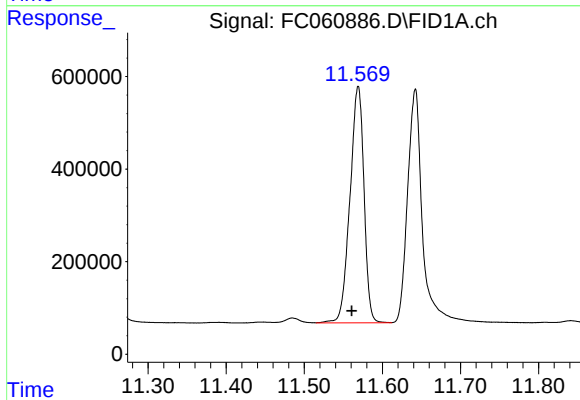
#9 ortho-Terphenyl (SURR)

R.T.: 10.637 min  
Delta R.T.: 0.003 min  
Response: 6231375  
Conc: 37.97 ug/ml

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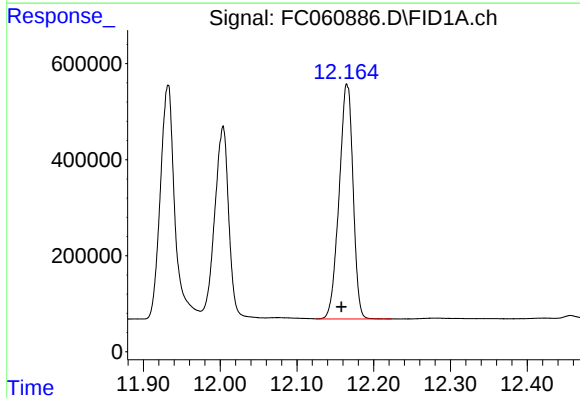
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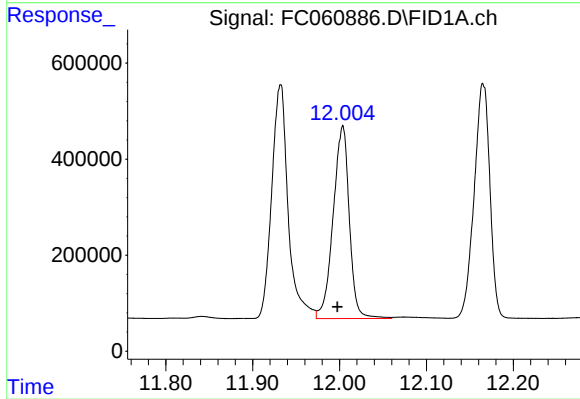
#10 n-Eicosane (C20)

R.T.: 11.569 min  
Delta R.T.: 0.008 min  
Response: 6379815  
Conc: 40.65 ug/ml



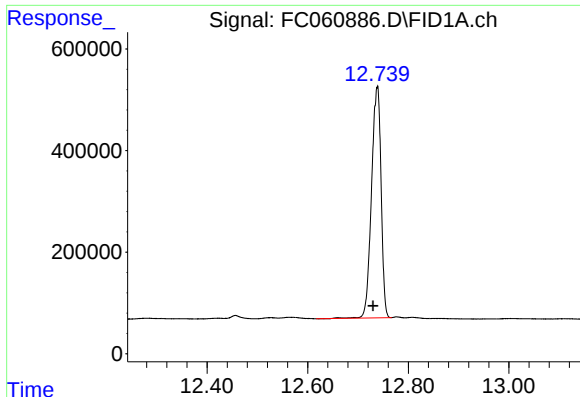
#11 n-Heneicosane (C21)

R.T.: 12.165 min  
Delta R.T.: 0.007 min  
Response: 6178700  
Conc: 39.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.003 min  
Delta R.T.: 0.006 min  
Response: 5194354  
Conc: 39.13 ug/ml



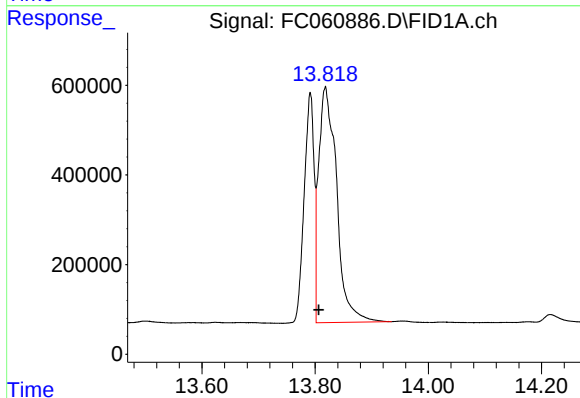
#13 n-Docosane (C22)

R.T.: 12.738 min  
Delta R.T.: 0.008 min  
Response: 6011940  
Conc: 38.56 ug/ml

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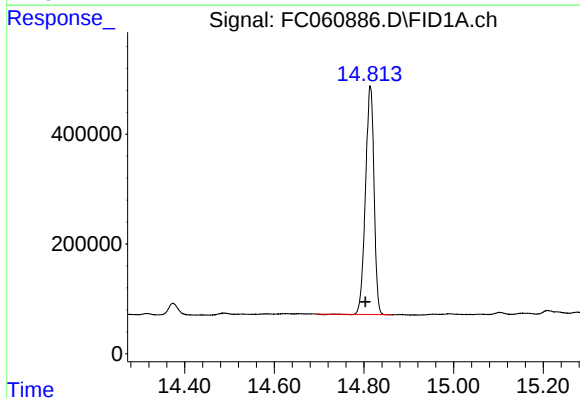
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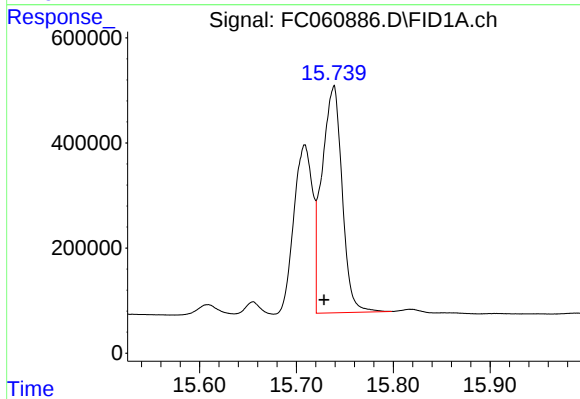
#14 n-Tetracosane (C24)

R.T.: 13.818 min  
Delta R.T.: 0.012 min  
Response: 11538669  
Conc: 75.58 ug/ml



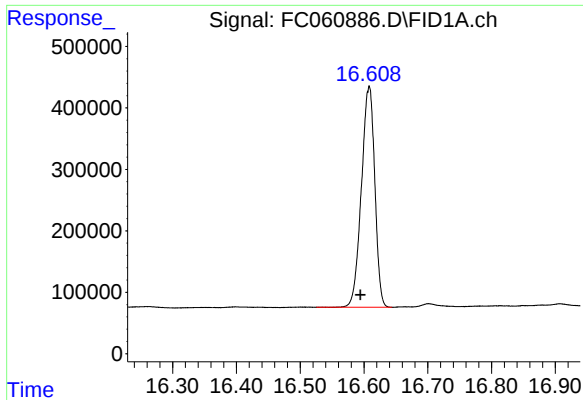
#15 n-Hexacosane (C26)

R.T.: 14.814 min  
Delta R.T.: 0.011 min  
Response: 5506821  
Conc: 36.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.738 min  
Delta R.T.: 0.009 min  
Response: 6249545  
Conc: 43.61 ug/ml



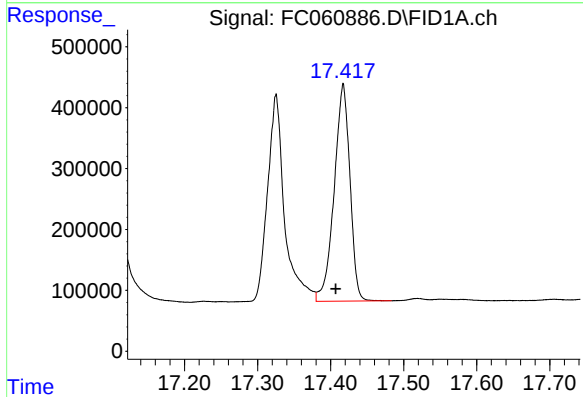
#17 n-Tricontane (C30)

R.T.: 16.608 min  
Delta R.T.: 0.014 min  
Response: 5242991  
Conc: 37.45 ug/ml

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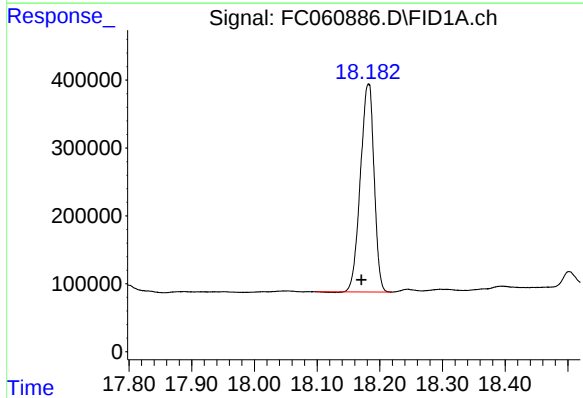
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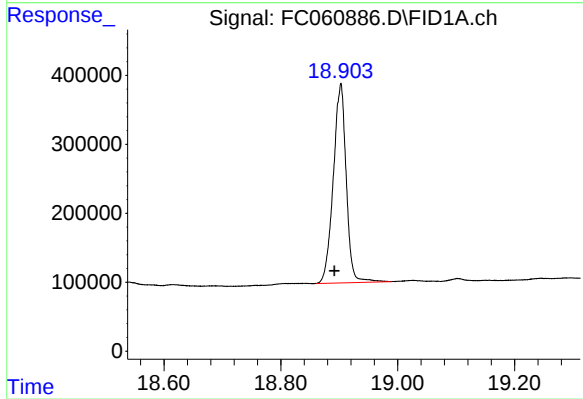
#18 n-Dotriacontane (C32)

R.T.: 17.417 min  
Delta R.T.: 0.010 min  
Response: 5349774  
Conc: 39.64 ug/ml



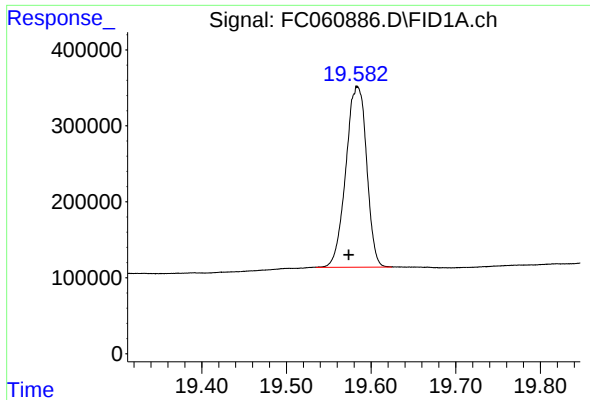
#19 n-Tetratriacontane (C34)

R.T.: 18.182 min  
Delta R.T.: 0.011 min  
Response: 4651008  
Conc: 37.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.903 min  
Delta R.T.: 0.011 min  
Response: 4443800  
Conc: 36.35 ug/ml m



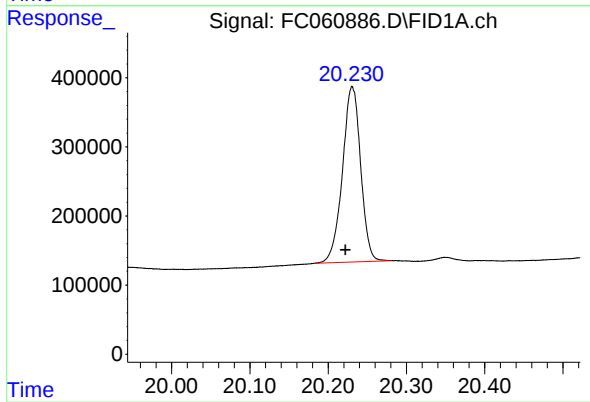
#21 n-Octatriacontane (C38)

R.T.: 19.582 min  
Delta R.T.: 0.008 min  
Response: 4054042  
Conc: 34.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.230 min  
Delta R.T.: 0.008 min  
Response: 4097927  
Conc: 35.60 ug/ml m