

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042619AL\  
 Data File : FC040883.D  
 Signal(s) : FID1A.CH  
 Acq On : 26 Apr 2019 17:02  
 Operator : AJ\SJ  
 Sample : K2544-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Apr 27 01:05:09 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 042219.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 22 15:26:11 2019  
 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)    | 11.027 | 5008431    | 48.075 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 96.15%        |
| 12) S 1-chlorooctadecane (S... | 12.456 | 5383757    | 64.976 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 129.95%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.866  | 3587400    | 39.758 ug/ml  |
| 2) T n-Decane (C10)            | 3.885  | 4676601    | 50.924 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.457  | 5478783    | 52.723 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.877  | 6600263    | 71.196 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.508  | 6199630    | 59.110 ug/mlm |
| 6) T n-Tetradecane (C14)       | 7.669  | 7637553    | 80.230 ug/mlm |
| 7) T n-Hexadecane (C16)        | 9.267  | 8395742    | 87.192 ug/mlm |
| 8) T n-Octadecane (C18)        | 10.705 | 7457650    | 76.746 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.012 | 6925805    | 72.270 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.623 | 6083318    | 65.017 ug/ml  |
| 13) T n-Docosane (C22)         | 13.207 | 5918659    | 63.967 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.307 | 10853962   | 119.119 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.331 | 5841220    | 65.079 ug/mlm |
| 16) T n-Octacosane (C28)       | 16.280 | 5468938    | 58.360 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.170 | 5137118    | 48.061 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.002 | 4984612    | 50.493 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.822 | 4525981    | 59.444 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.850 | 4615786    | 69.248 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.239 | 4277104    | 66.760 ug/ml  |
| 22) T n-Tetracontane (C40)     | 23.170 | 4142087    | 65.737 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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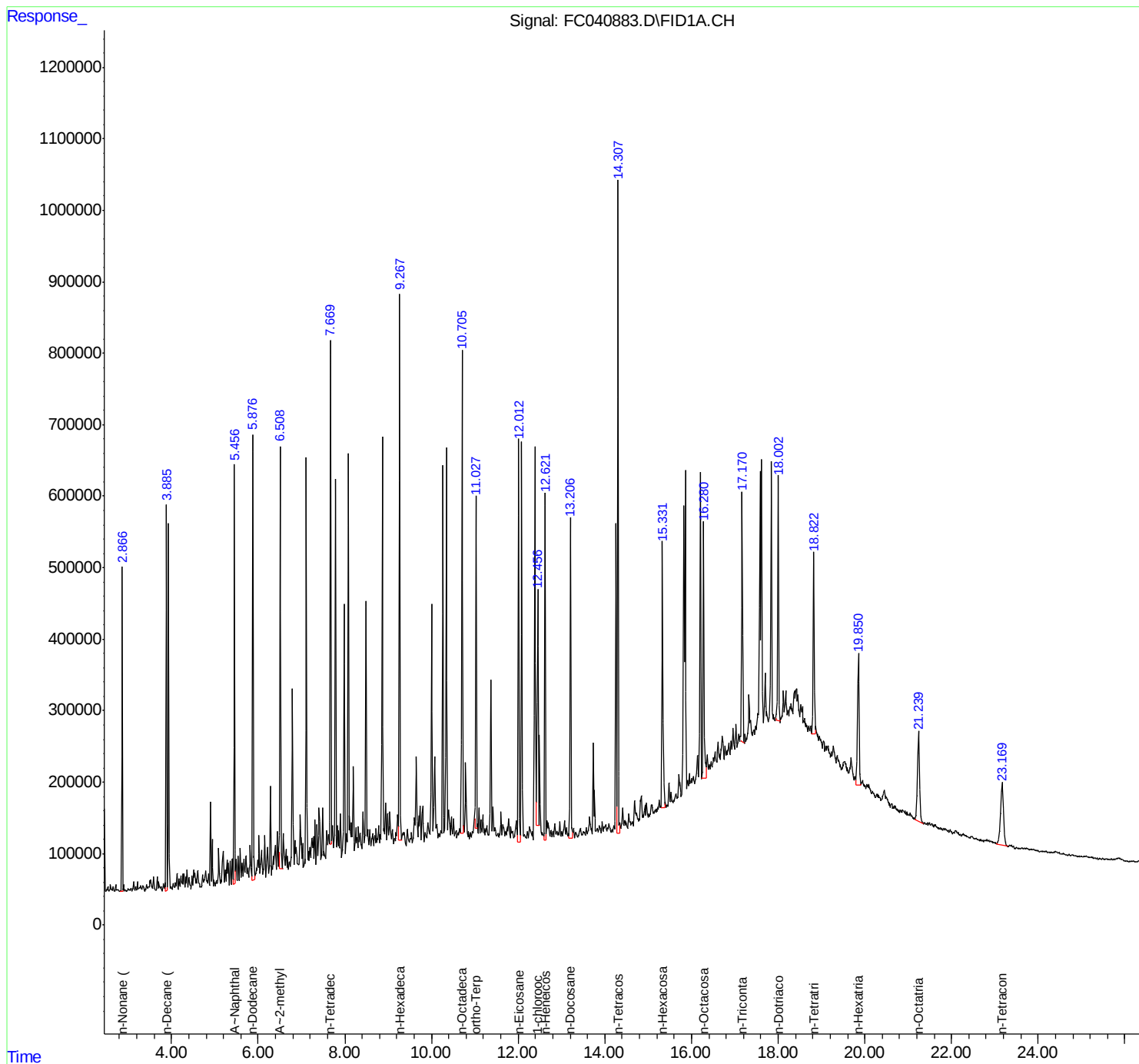
Instrument :  
FID\_C  
ClientSampleId :

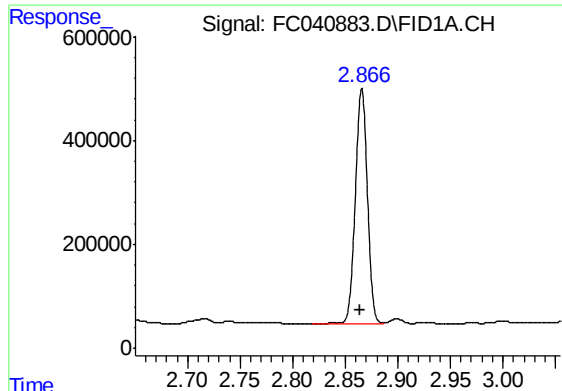
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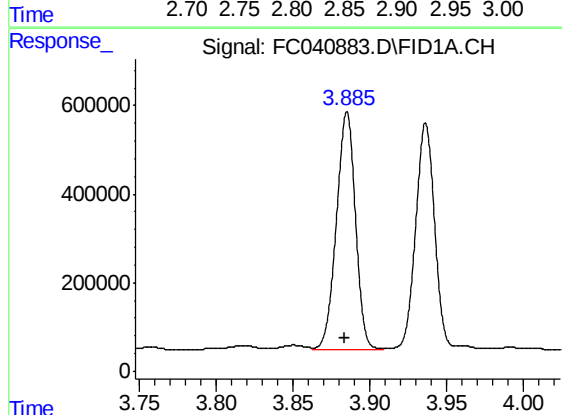
#1 n-Nonane (C9)

R.T.: 2.866 min  
Delta R.T.: 0.002 min  
Response: 3587400  
Conc: 39.76 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

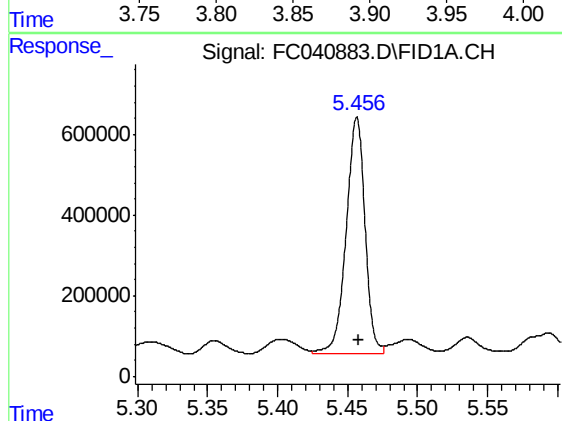
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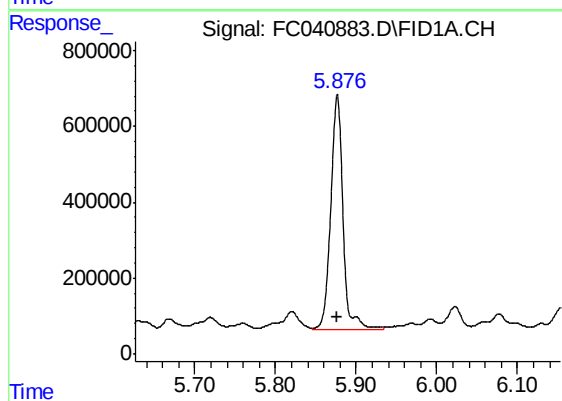
#2 n-Decane (C10)

R.T.: 3.885 min  
Delta R.T.: 0.002 min  
Response: 4676601  
Conc: 50.92 ug/ml



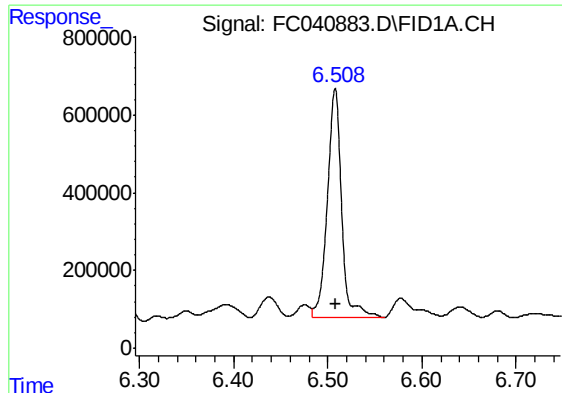
#3 A~Naphthalene (C11.7)

R.T.: 5.457 min  
Delta R.T.: -0.002 min  
Response: 5478783  
Conc: 52.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.877 min  
Delta R.T.: 0.000 min  
Response: 6600263  
Conc: 71.20 ug/ml



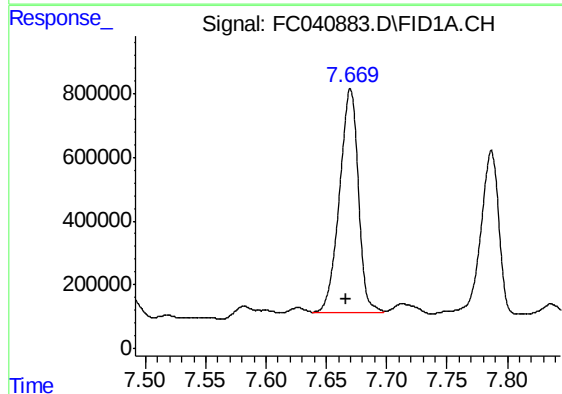
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 6199630  
Conc: 59.11 ug/ml m

Instrument :  
FID\_C  
ClientSampleId :

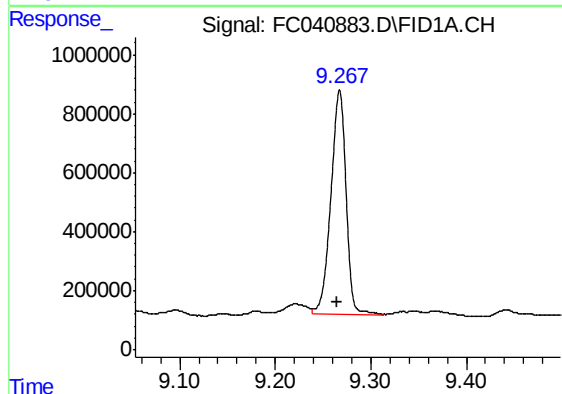
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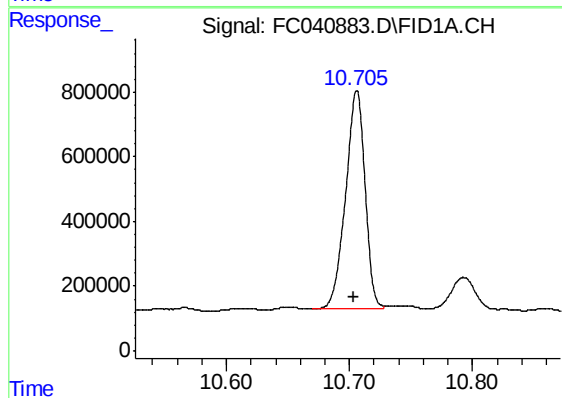
#6 n-Tetradecane (C14)

R.T.: 7.669 min  
Delta R.T.: 0.003 min  
Response: 7637553  
Conc: 80.23 ug/ml m



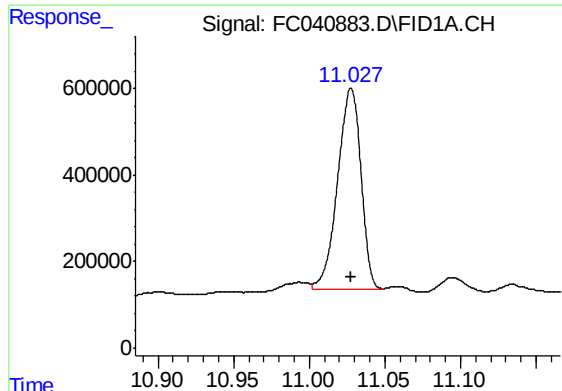
#7 n-Hexadecane (C16)

R.T.: 9.267 min  
Delta R.T.: 0.002 min  
Response: 8395742  
Conc: 87.19 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.705 min  
Delta R.T.: 0.002 min  
Response: 7457650  
Conc: 76.75 ug/ml m



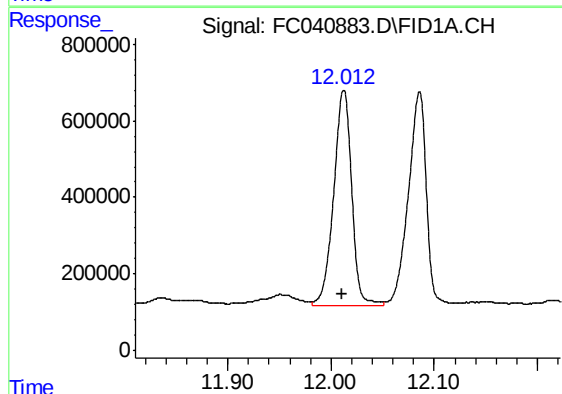
#9 ortho-Terphenyl (SURR)

R.T.: 11.027 min  
Delta R.T.: 0.000 min  
Response: 5008431  
Conc: 48.07 ug/ml m

Instrument :  
FID\_C  
ClientSampleId :

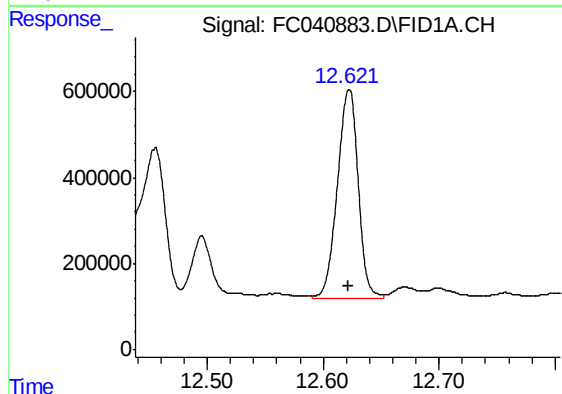
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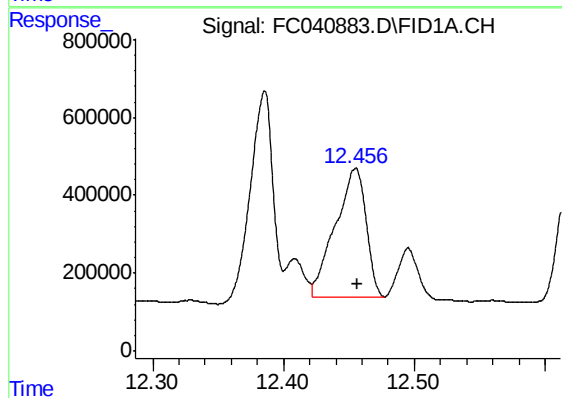
#10 n-Eicosane (C20)

R.T.: 12.012 min  
Delta R.T.: 0.002 min  
Response: 6925805  
Conc: 72.27 ug/ml



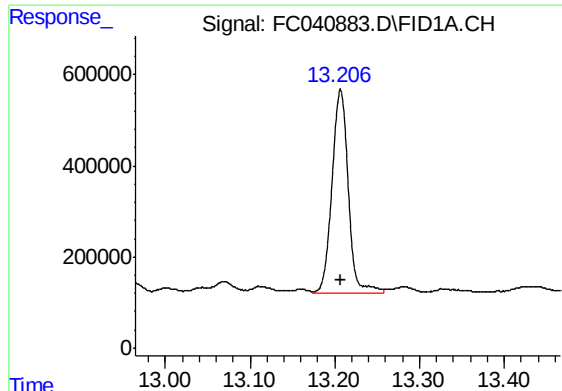
#11 n-Heneicosane (C21)

R.T.: 12.623 min  
Delta R.T.: 0.000 min  
Response: 6083318  
Conc: 65.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.456 min  
Delta R.T.: -0.001 min  
Response: 5383757  
Conc: 64.98 ug/ml m



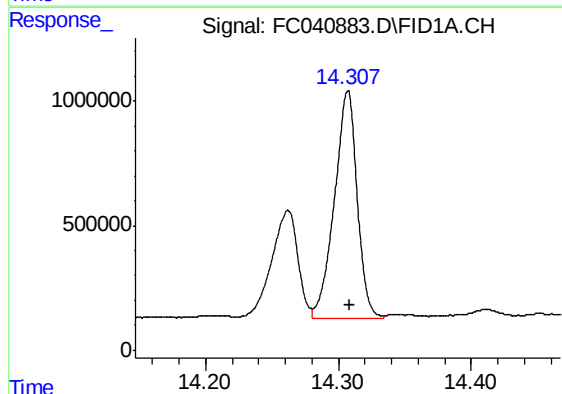
#13 n-Docosane (C22)

R.T.: 13.207 min  
Delta R.T.: 0.000 min  
Response: 5918659  
Conc: 63.97 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

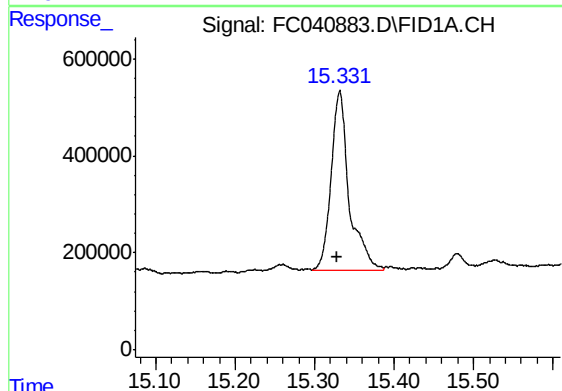
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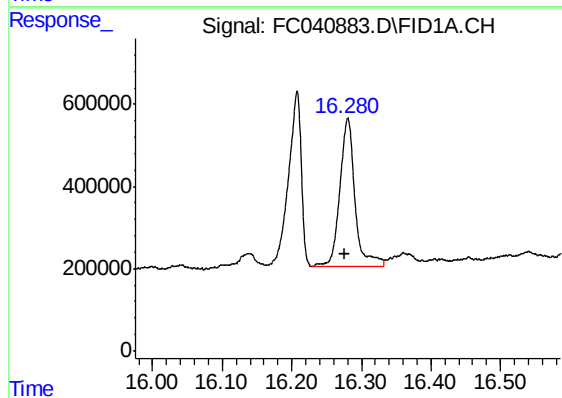
#14 n-Tetracosane (C24)

R.T.: 14.307 min  
Delta R.T.: -0.001 min  
Response: 10853962  
Conc: 119.12 ug/ml



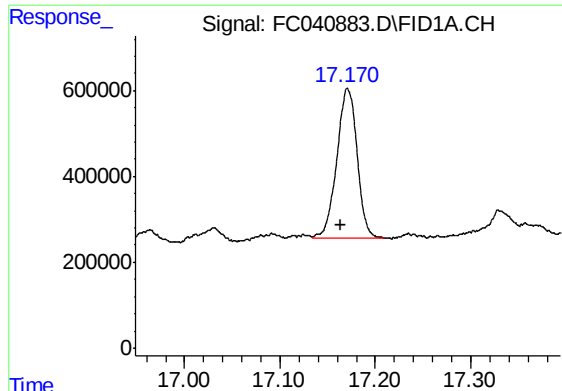
#15 n-Hexacosane (C26)

R.T.: 15.331 min  
Delta R.T.: 0.003 min  
Response: 5841220  
Conc: 65.08 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.280 min  
Delta R.T.: 0.005 min  
Response: 5468938  
Conc: 58.36 ug/ml m



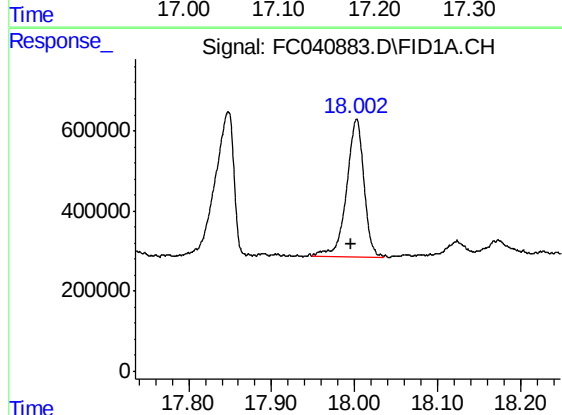
#17 n-Tricontane (C30)

R.T.: 17.170 min  
Delta R.T.: 0.007 min  
Response: 5137118  
Conc: 48.06 ug/ml m

Instrument :  
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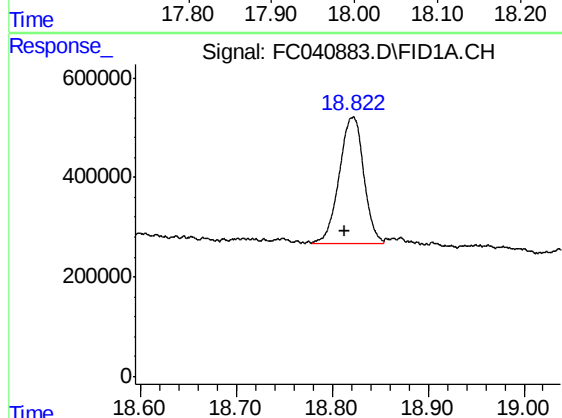
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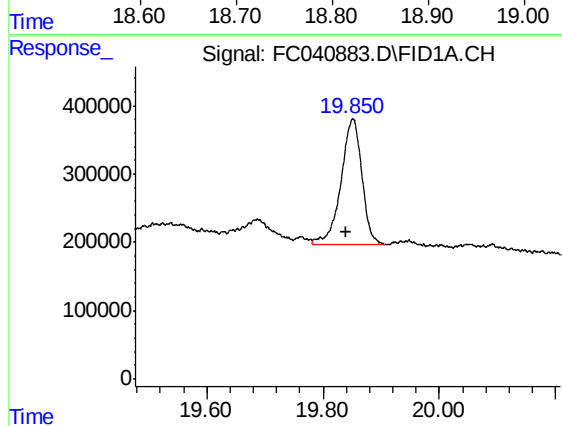
#18 n-Dotriacontane (C32)

R.T.: 18.002 min  
Delta R.T.: 0.007 min  
Response: 4984612  
Conc: 50.49 ug/ml m



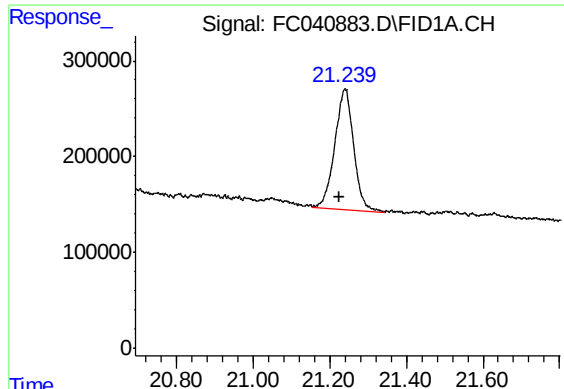
#19 n-Tetratriacontane (C34)

R.T.: 18.822 min  
Delta R.T.: 0.009 min  
Response: 4525981  
Conc: 59.44 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.850 min  
Delta R.T.: 0.011 min  
Response: 4615786  
Conc: 69.25 ug/ml m



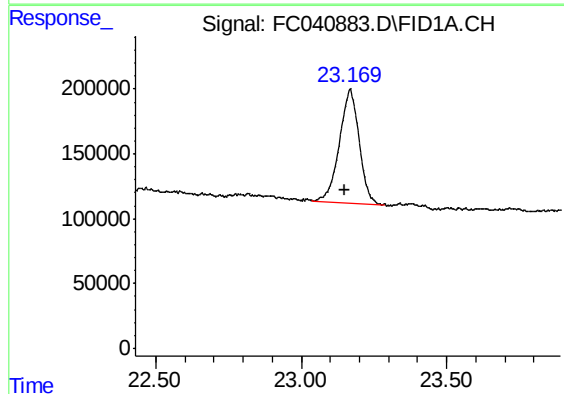
#21 n-Octatriacontane (C38)

R.T.: 21.239 min  
Delta R.T.: 0.013 min  
Response: 4277104  
Conc: 66.76 ug/ml

Instrument :  
FID\_C  
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#22 n-Tetracontane (C40)

R.T.: 23.170 min  
Delta R.T.: 0.019 min  
Response: 4142087  
Conc: 65.74 ug/ml