

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091421AL\  
 Data File : FC055645.D  
 Signal(s) : FID1A.CH  
 Acq On : 15 Sep 2021 2:12  
 Operator : AJ\MA  
 Sample : M3720-02MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 WQ-SOILPILEMS

Manual Integrations  
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Integration File: sample.E  
 Quant Time: Sep 15 04:05:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 083021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 31 01:45:39 2021  
 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)    | 11.659 | 5129009    | 41.056 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 82.11%        |
| 12) S 1-chlorooctadecane (S... | 13.091 | 3899052    | 39.398 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 78.80%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.401  | 3647982    | 33.748 ug/ml  |
| 2) T n-Decane (C10)            | 4.472  | 4227289    | 38.768 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.064  | 4694427    | 38.097 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.493  | 4619708    | 42.191 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.123  | 4634069    | 37.237 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.291  | 4778570    | 42.905 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.893  | 4953638    | 43.832 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.336 | 5110115    | 43.891 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.646 | 4857003    | 41.567 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.258 | 4738138    | 40.258 ug/ml  |
| 13) T n-Docosane (C22)         | 13.844 | 4737263    | 40.610 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.941 | 8792805    | 75.502 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.967 | 4296891    | 37.930 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.914 | 4315139    | 38.996 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.801 | 4118786    | 38.735 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.631 | 4026054    | 40.172 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.412 | 3766188    | 39.905 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.150 | 3455126    | 39.794 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.898 | 3165414    | 38.835 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.830 | 3187293    | 39.685 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA  
Sample : M3720-02MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

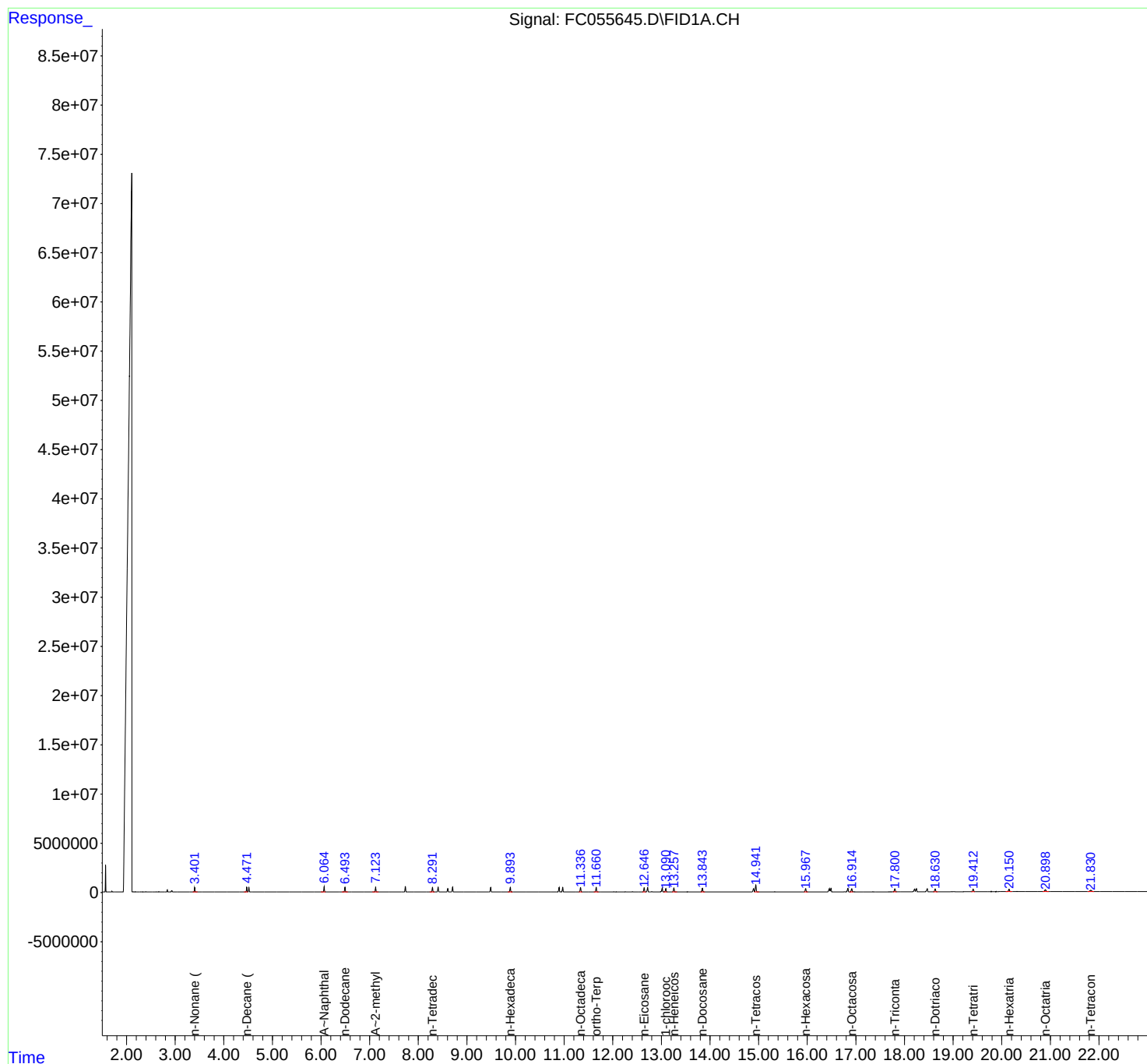
Instrument :  
FID\_C  
ClientSampleId :  
WQ-SOILPILEMS

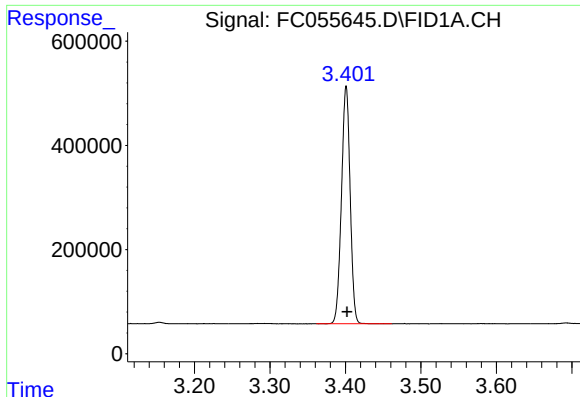
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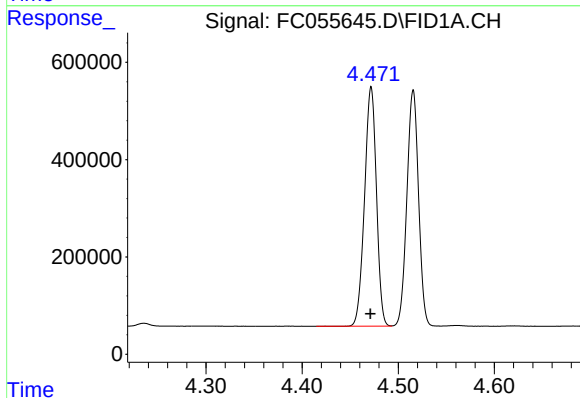
#1 n-Nonane (C9)

R.T.: 3.401 min  
Delta R.T.: -0.001 min  
Response: 3647982  
Conc: 33.75 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
WQ-SOILPILEMS

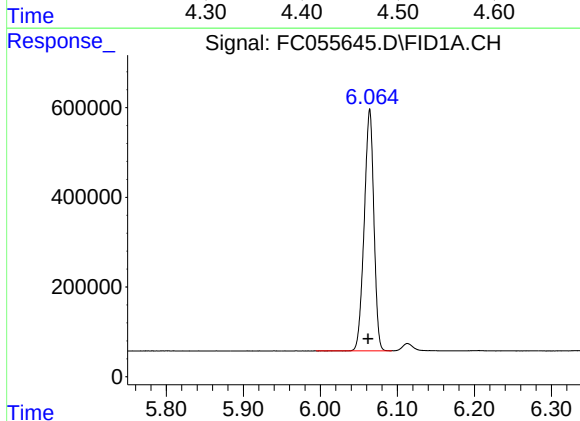
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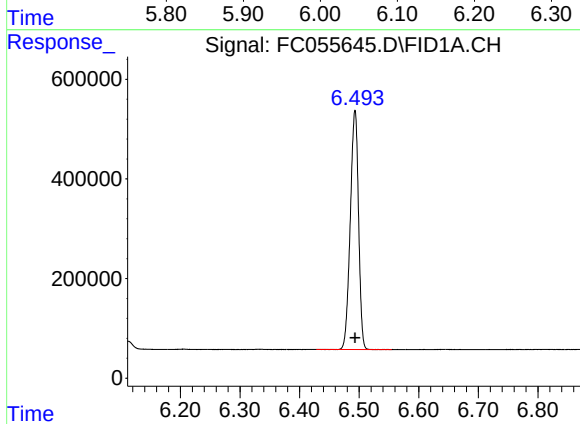
#2 n-Decane (C10)

R.T.: 4.472 min  
Delta R.T.: 0.000 min  
Response: 4227289  
Conc: 38.77 ug/ml



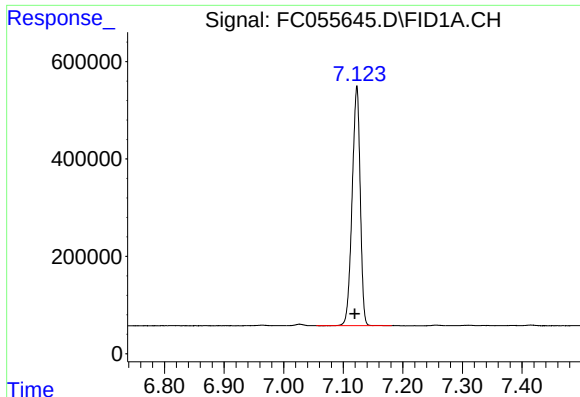
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min  
Delta R.T.: 0.002 min  
Response: 4694427  
Conc: 38.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.493 min  
Delta R.T.: 0.000 min  
Response: 4619708  
Conc: 42.19 ug/ml



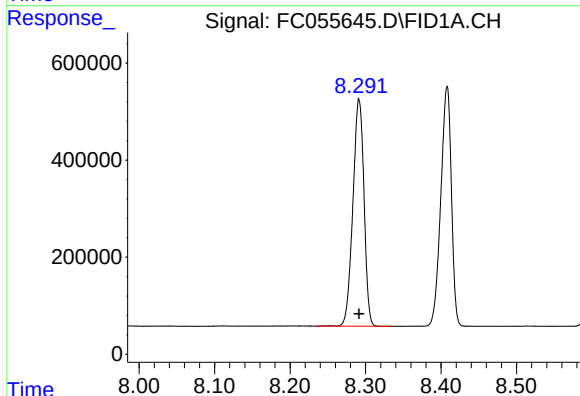
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.123 min  
Delta R.T.: 0.003 min  
Response: 4634069  
Conc: 37.24 ug/ml

Instrument :  
FID\_C  
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WQ-SOILPILEMS

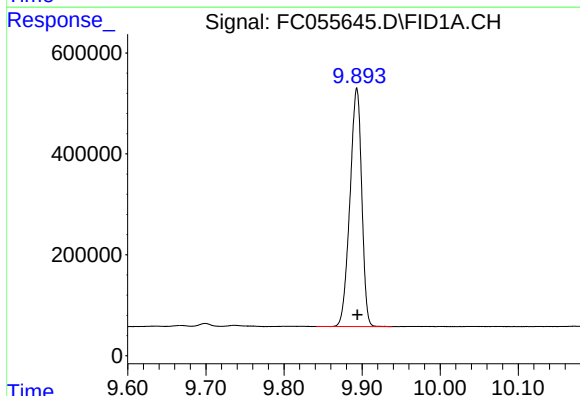
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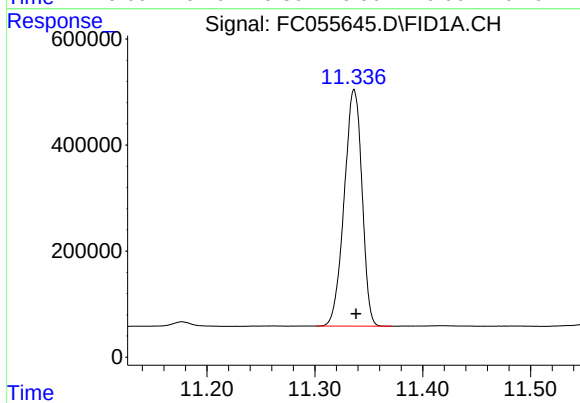
#6 n-Tetradecane (C14)

R.T.: 8.291 min  
Delta R.T.: 0.000 min  
Response: 4778570  
Conc: 42.90 ug/ml



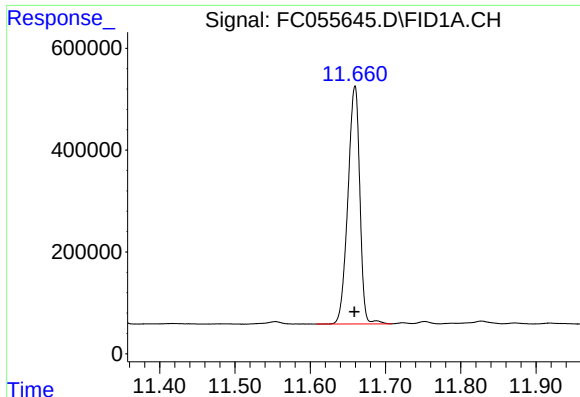
#7 n-Hexadecane (C16)

R.T.: 9.893 min  
Delta R.T.: -0.001 min  
Response: 4953638  
Conc: 43.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.336 min  
Delta R.T.: -0.002 min  
Response: 5110115  
Conc: 43.89 ug/ml



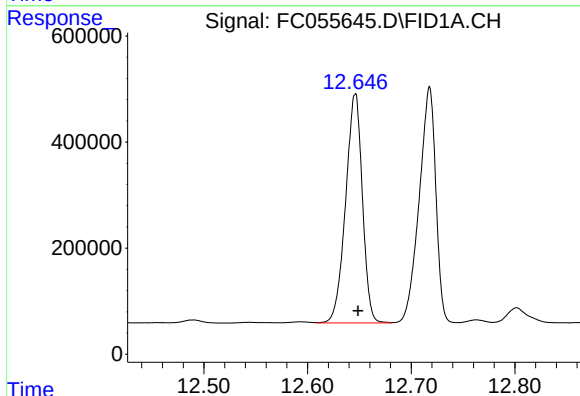
#9 ortho-Terphenyl (SURR)

R.T.: 11.659 min  
Delta R.T.: 0.000 min  
Response: 5129009  
Conc: 41.06 ug/ml

Instrument :  
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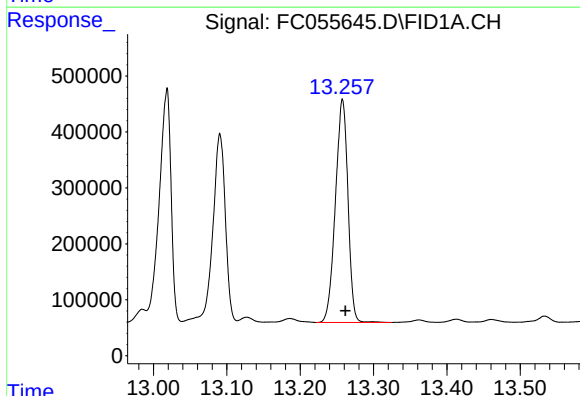
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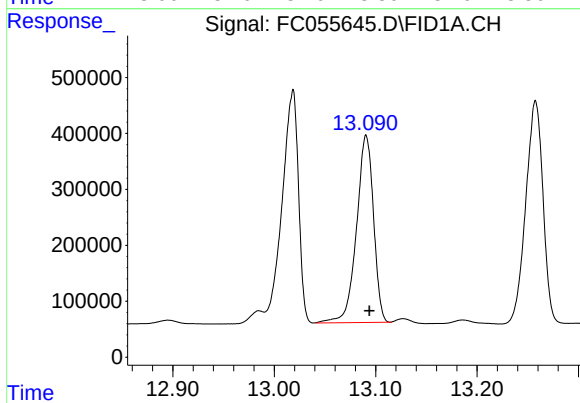
#10 n-Eicosane (C20)

R.T.: 12.646 min  
Delta R.T.: -0.003 min  
Response: 4857003  
Conc: 41.57 ug/ml



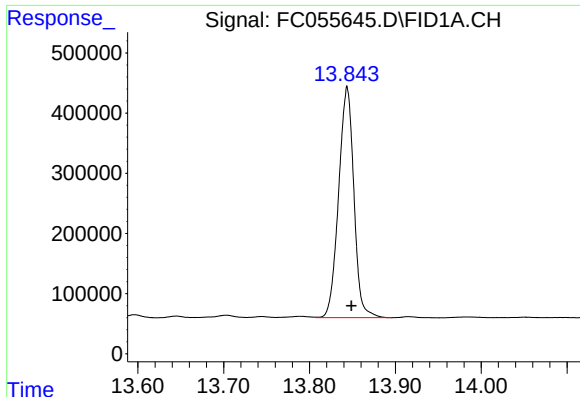
#11 n-Heneicosane (C21)

R.T.: 13.258 min  
Delta R.T.: -0.004 min  
Response: 4738138  
Conc: 40.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.091 min  
Delta R.T.: -0.003 min  
Response: 3899052  
Conc: 39.40 ug/ml



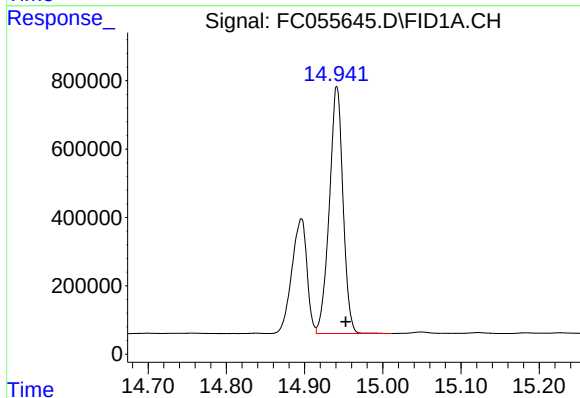
#13 n-Docosane (C22)

R.T.: 13.844 min  
Delta R.T.: -0.005 min  
Response: 4737263  
Conc: 40.61 ug/ml

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FID\_C  
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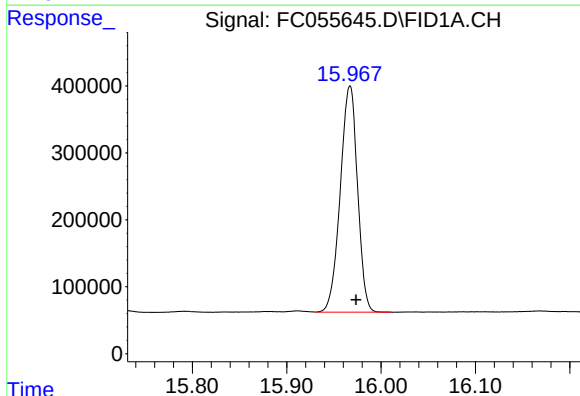
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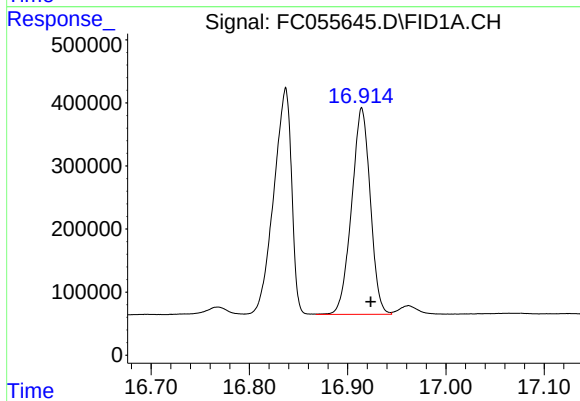
#14 n-Tetracosane (C24)

R.T.: 14.941 min  
Delta R.T.: -0.012 min  
Response: 8792805  
Conc: 75.50 ug/ml



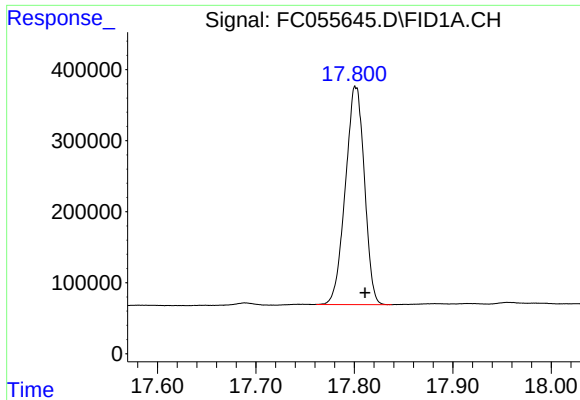
#15 n-Hexacosane (C26)

R.T.: 15.967 min  
Delta R.T.: -0.007 min  
Response: 4296891  
Conc: 37.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.914 min  
Delta R.T.: -0.009 min  
Response: 4315139  
Conc: 39.00 ug/ml



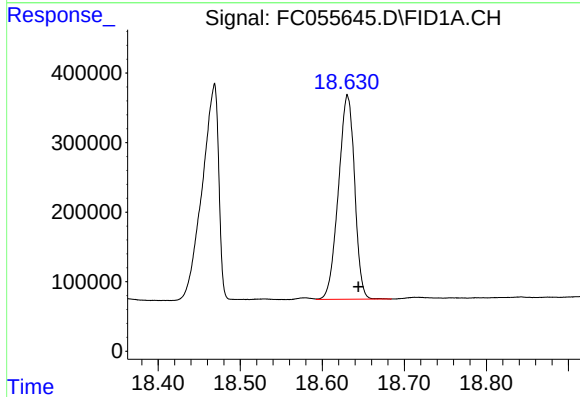
#17 n-Tricontane (C30)

R.T.: 17.801 min  
Delta R.T.: -0.009 min  
Response: 4118786  
Conc: 38.73 ug/ml

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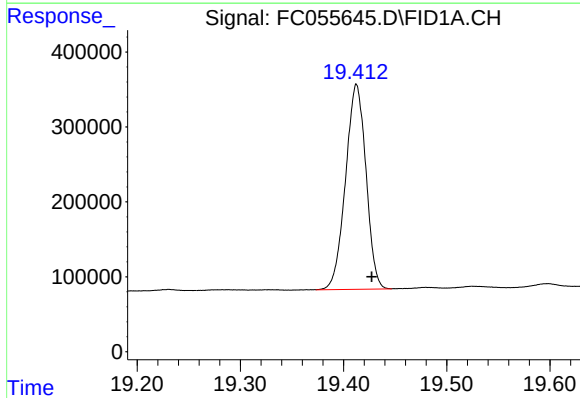
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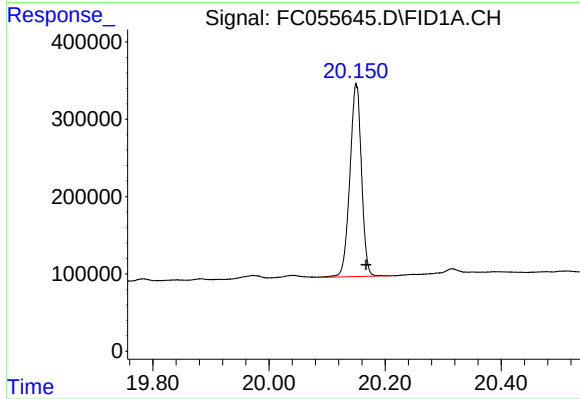
#18 n-Dotriacontane (C32)

R.T.: 18.631 min  
Delta R.T.: -0.013 min  
Response: 4026054  
Conc: 40.17 ug/ml



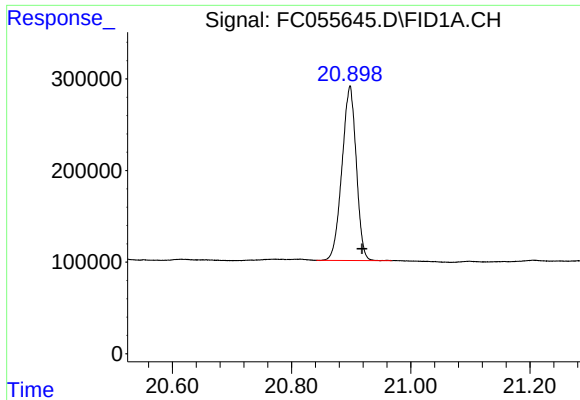
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min  
Delta R.T.: -0.015 min  
Response: 3766188  
Conc: 39.90 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.150 min  
Delta R.T.: -0.017 min  
Response: 3455126  
Conc: 39.79 ug/ml



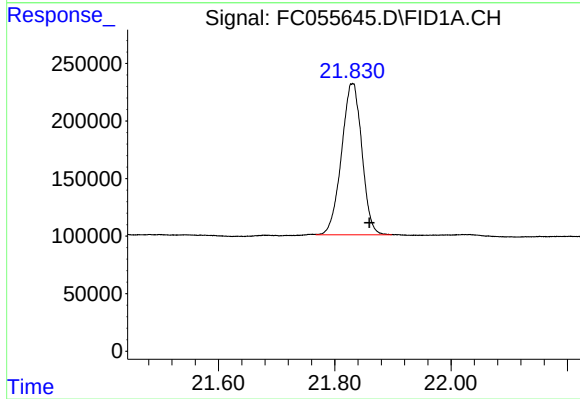
#21 n-Octatriacontane (C38)

R.T.: 20.898 min  
Delta R.T.: -0.020 min  
Response: 3165414  
Conc: 38.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.830 min  
Delta R.T.: -0.029 min  
Response: 3187293  
Conc: 39.68 ug/ml m