

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081221AL\  
 Data File : FC055162.D  
 Signal(s) : FID1A.CH  
 Acq On : 12 Aug 2021 20:23  
 Operator : AJ\MA  
 Sample : M3375-08MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 T-8MSD

Manual Integrations  
 APPROVED

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 8/13/2021 10:09:41 AM

Integration File: autoint1.e  
 Quant Time: Aug 13 01:40:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 04 02:08:31 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)    | 11.309 | 4462423    | 35.444 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 70.89%        |
| 12) S 1-chlorooctadecane (S... | 12.748 | 3477046    | 35.084 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 70.17%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.145  | 3261302    | 31.189 ug/ml  |
| 2) T n-Decane (C10)            | 4.194  | 3753046    | 35.639 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.756  | 4073163    | 37.486 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.193  | 4375540    | 40.294 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.806  | 4421558    | 40.513 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.980  | 4879753    | 43.711 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.571  | 5162551    | 45.265 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.006 | 5363831    | 45.486 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.309 | 5113520    | 43.555 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.918 | 5046726    | 42.741 ug/ml  |
| 13) T n-Docosane (C22)         | 13.502 | 4923262    | 42.153 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.598 | 5074448    | 43.840 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.618 | 4548270    | 40.584 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.563 | 4565311    | 42.048 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.449 | 4262820    | 40.828 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.276 | 4121633    | 41.619 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.057 | 3850981    | 40.631 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.794 | 3580775    | 39.626 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.496 | 3439983    | 39.813 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.299 | 3516590    | 39.488 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA  
Sample : M3375-08MSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

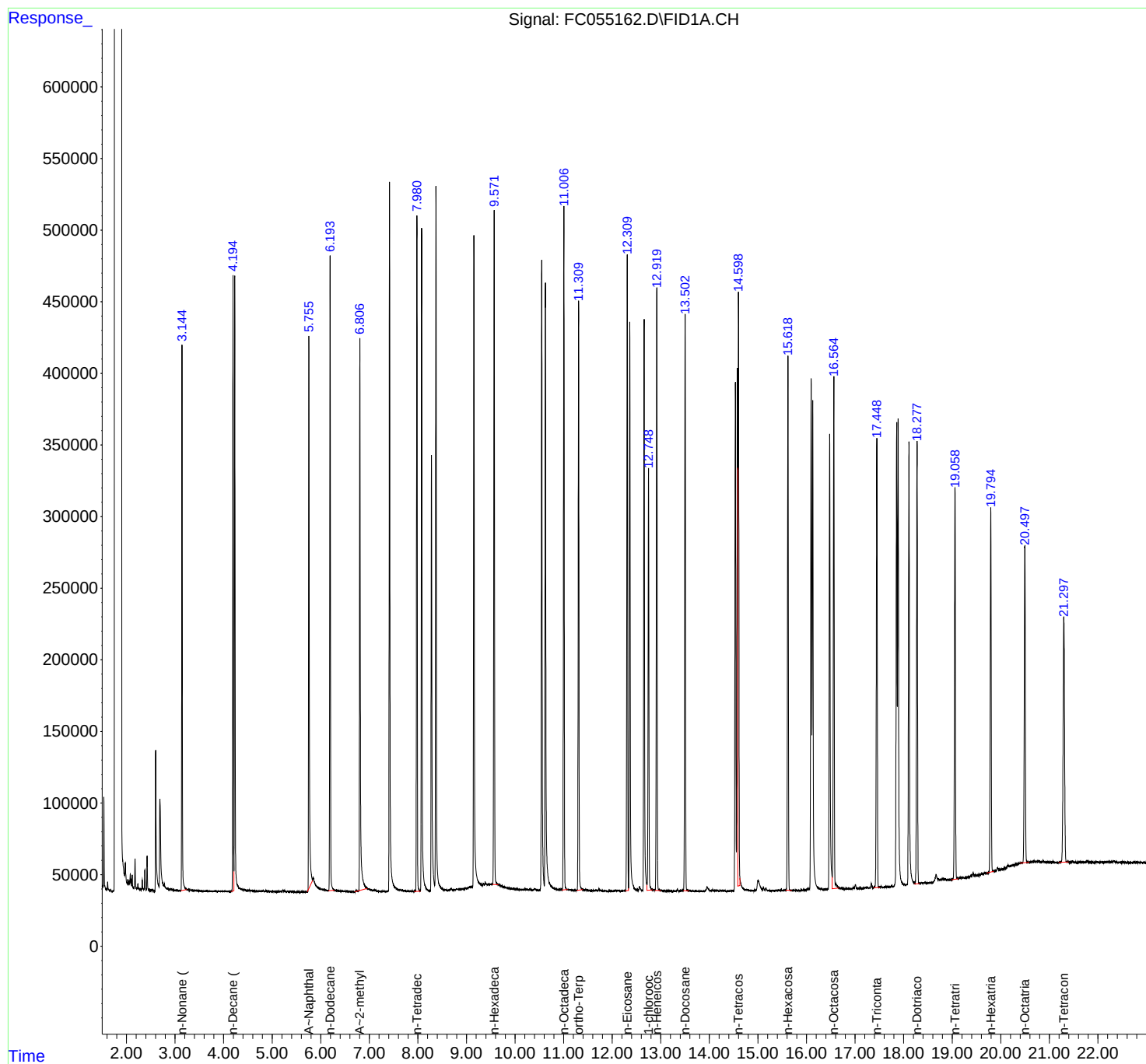
Instrument :  
FID\_C  
ClientSampled :  
T-8MSD

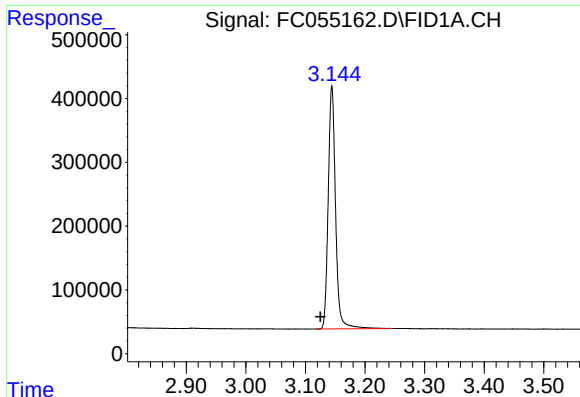
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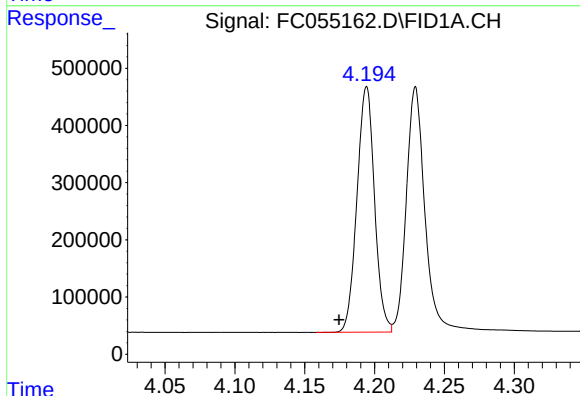
#1 n-Nonane (C9)

R.T.: 3.145 min  
Delta R.T.: 0.020 min  
Response: 3261302  
Conc: 31.19 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
T-8MSD

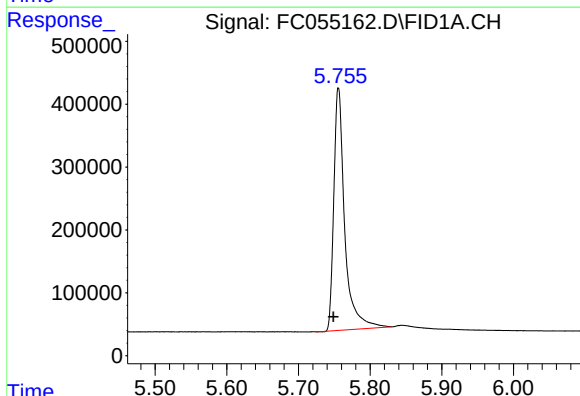
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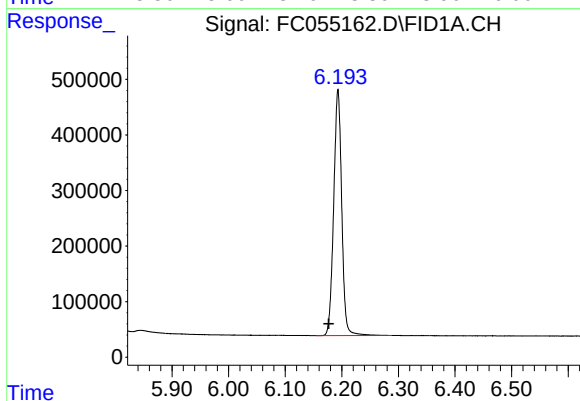
#2 n-Decane (C10)

R.T.: 4.194 min  
Delta R.T.: 0.020 min  
Response: 3753046  
Conc: 35.64 ug/ml



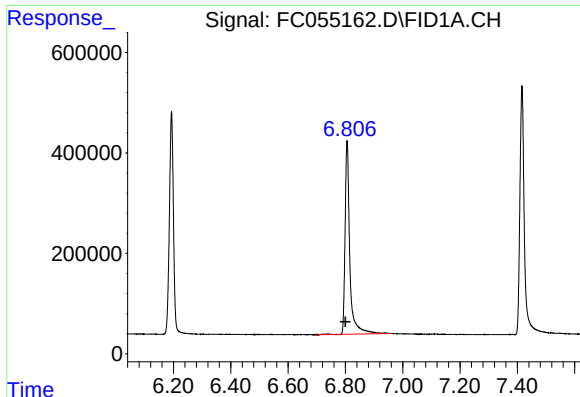
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min  
Delta R.T.: 0.007 min  
Response: 4073163  
Conc: 37.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.193 min  
Delta R.T.: 0.016 min  
Response: 4375540  
Conc: 40.29 ug/ml



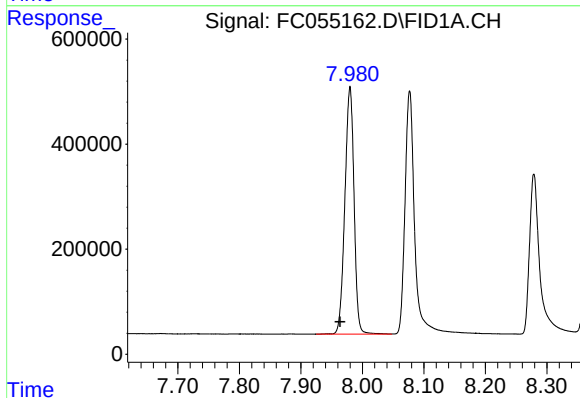
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.806 min  
Delta R.T.: 0.006 min  
Response: 4421558  
Conc: 40.51 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
T-8MSD

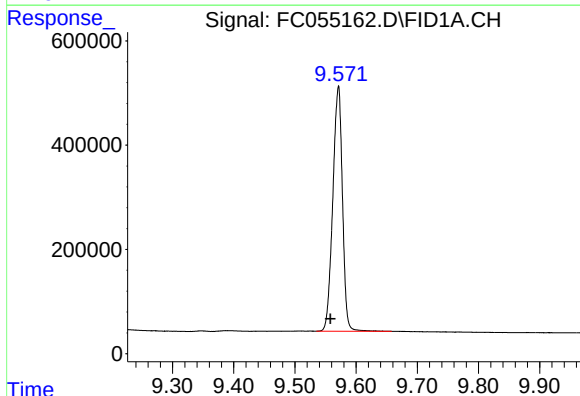
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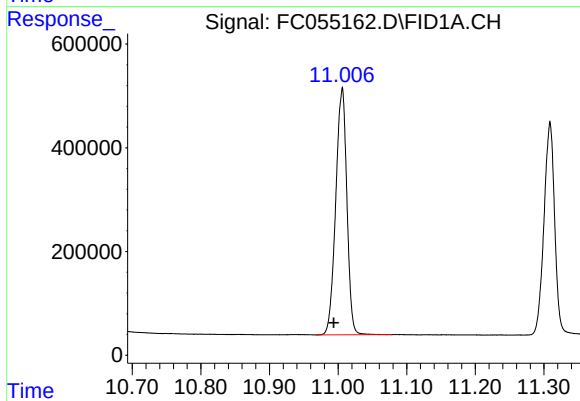
#6 n-Tetradecane (C14)

R.T.: 7.980 min  
Delta R.T.: 0.016 min  
Response: 4879753  
Conc: 43.71 ug/ml



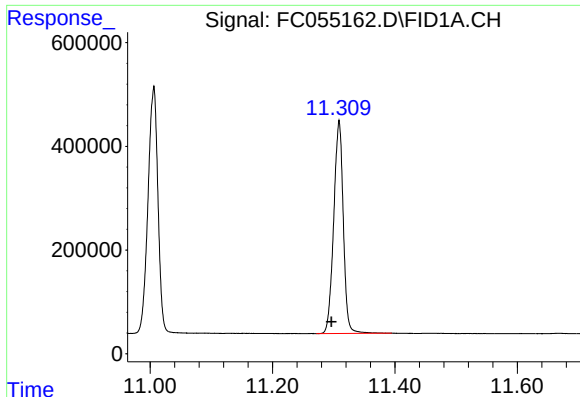
#7 n-Hexadecane (C16)

R.T.: 9.571 min  
Delta R.T.: 0.013 min  
Response: 5162551  
Conc: 45.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.006 min  
Delta R.T.: 0.012 min  
Response: 5363831  
Conc: 45.49 ug/ml



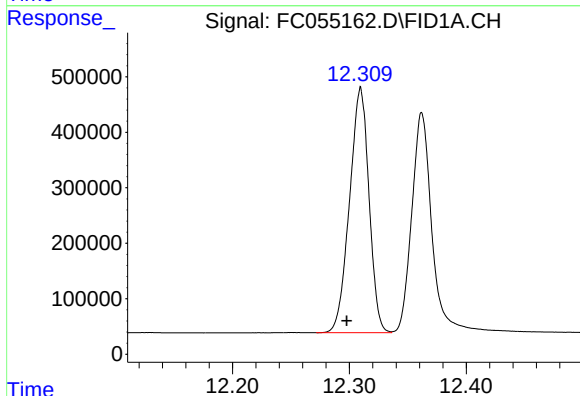
#9 ortho-Terphenyl (SURR)

R.T.: 11.309 min  
Delta R.T.: 0.012 min  
Response: 4462423  
Conc: 35.44 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
T-8MSD

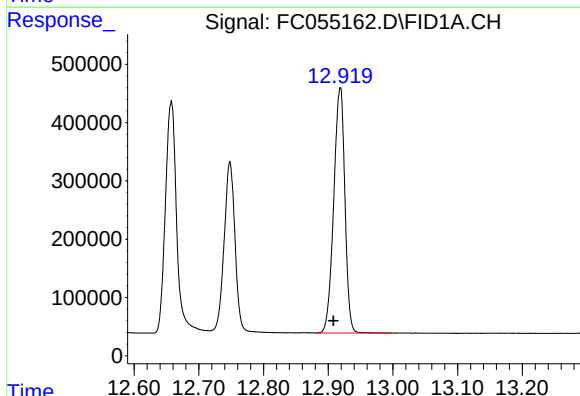
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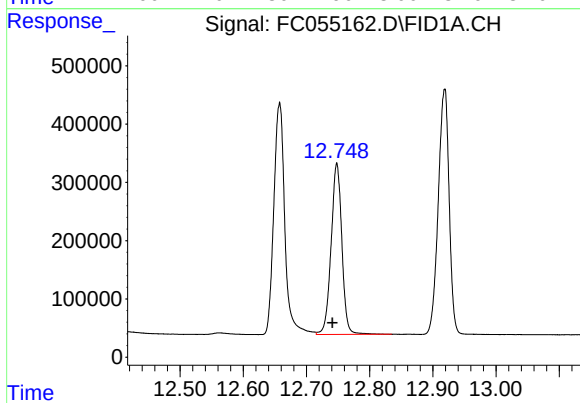
#10 n-Eicosane (C20)

R.T.: 12.309 min  
Delta R.T.: 0.012 min  
Response: 5113520  
Conc: 43.56 ug/ml



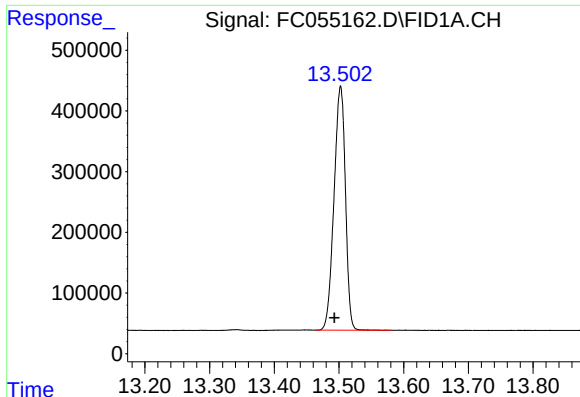
#11 n-Heneicosane (C21)

R.T.: 12.918 min  
Delta R.T.: 0.010 min  
Response: 5046726  
Conc: 42.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.748 min  
Delta R.T.: 0.007 min  
Response: 3477046  
Conc: 35.08 ug/ml



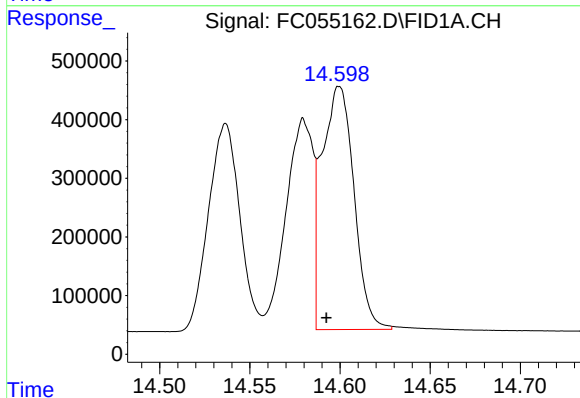
#13 n-Docosane (C22)

R.T.: 13.502 min  
Delta R.T.: 0.009 min  
Response: 4923262  
Conc: 42.15 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
T-8MSD

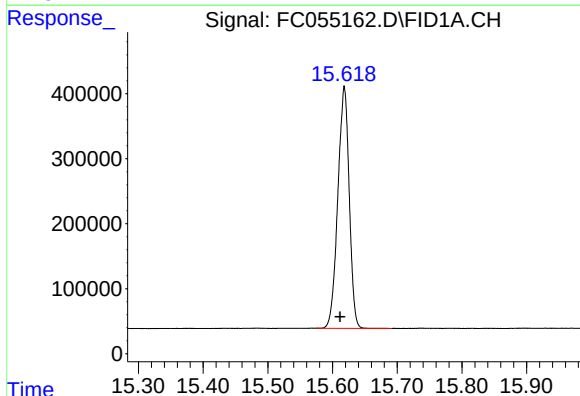
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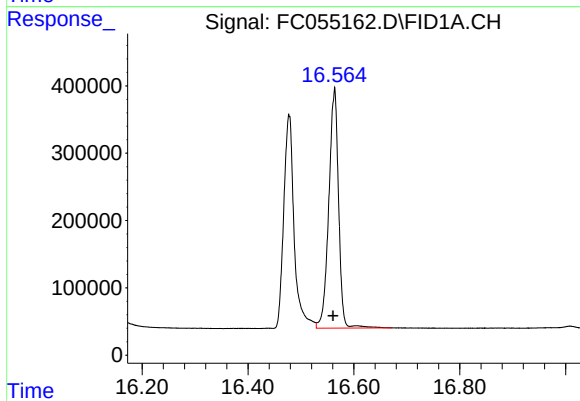
#14 n-Tetracosane (C24)

R.T.: 14.598 min  
Delta R.T.: 0.006 min  
Response: 5074448  
Conc: 43.84 ug/ml m



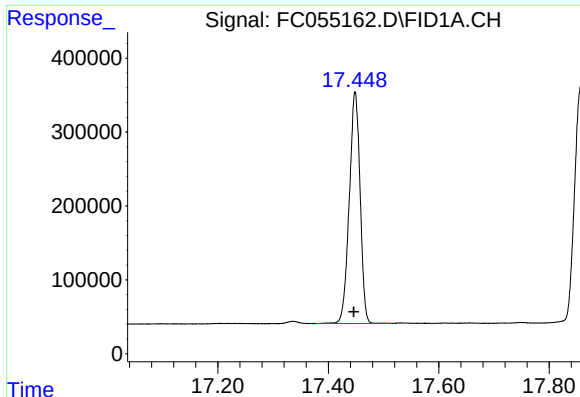
#15 n-Hexacosane (C26)

R.T.: 15.618 min  
Delta R.T.: 0.006 min  
Response: 4548270  
Conc: 40.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.563 min  
Delta R.T.: 0.002 min  
Response: 4565311  
Conc: 42.05 ug/ml



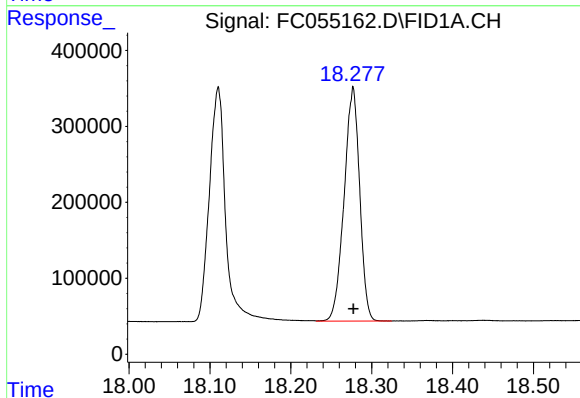
#17 n-Tricontane (C30)

R.T.: 17.449 min  
Delta R.T.: 0.002 min  
Response: 4262820  
Conc: 40.83 ug/ml

Instrument :  
FID\_C  
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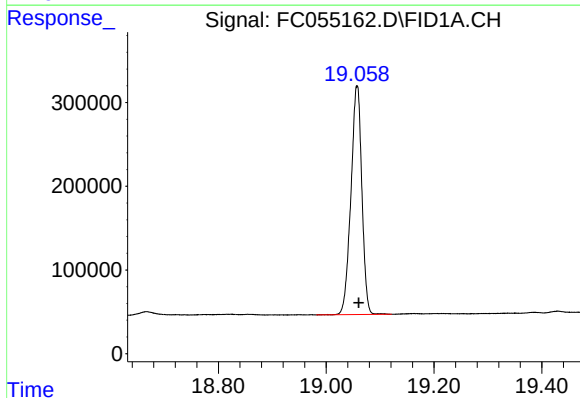
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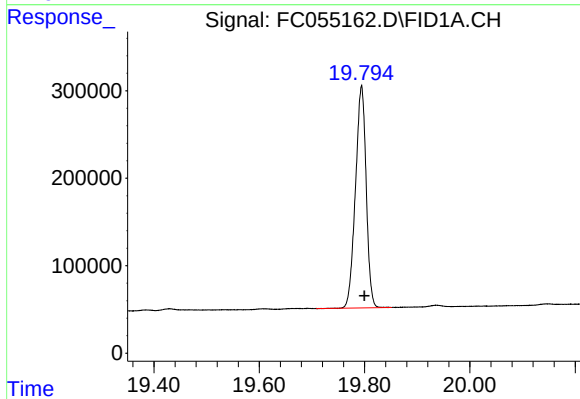
#18 n-Dotriacontane (C32)

R.T.: 18.276 min  
Delta R.T.: 0.000 min  
Response: 4121633  
Conc: 41.62 ug/ml



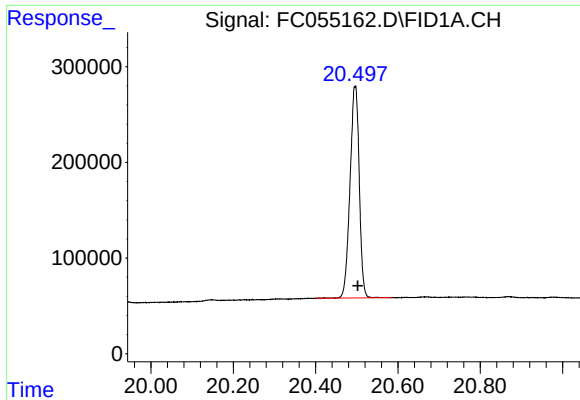
#19 n-Tetratriacontane (C34)

R.T.: 19.057 min  
Delta R.T.: -0.004 min  
Response: 3850981  
Conc: 40.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.794 min  
Delta R.T.: -0.006 min  
Response: 3580775  
Conc: 39.63 ug/ml



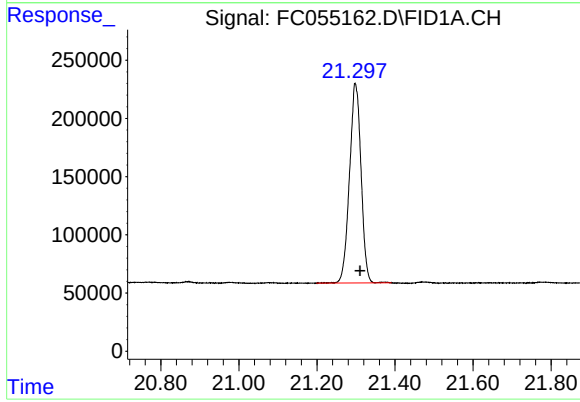
#21 n-Octatriacontane (C38)

R.T.: 20.496 min  
Delta R.T.: -0.007 min  
Response: 3439983  
Conc: 39.81 ug/ml

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

R.T.: 21.299 min  
Delta R.T.: -0.011 min  
Response: 3516590  
Conc: 39.49 ug/ml