

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070319AL\  
 Data File : FC042194.D  
 Signal(s) : FID1A.CH  
 Acq On : 03 Jul 2019 16:17  
 Operator : DD\AJ  
 Sample : K3618-01MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Jul 03 22:46:27 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 061219.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 13 07:03:58 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)    | 11.699 | 3967756    | 29.823 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 59.65%        |
| 12) S 1-chlorooctadecane (S... | 13.125 | 29579184   | 269.192 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 538.38%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.492  | 1795850    | 15.453 ug/ml  |
| 2) T n-Decane (C10)            | 4.558  | 2084718    | 17.716 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.144  | 2880963    | 21.676 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.563  | 2683870    | 22.599 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.194  | 3258396    | 24.473 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.347  | 3321316    | 27.483 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.938  | 3754434    | 30.635 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.374 | 3429531    | 27.677 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.678 | 3513121    | 27.765 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.290 | 2958283    | 23.432 ug/ml  |
| 13) T n-Docosane (C22)         | 13.873 | 3065756    | 24.264 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.973 | 6908730    | 54.298 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.989 | 2474232    | 19.929 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.935 | 2595717    | 21.303 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.821 | 2938125    | 25.206 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.651 | 3151735    | 29.190 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.432 | 2562245    | 29.776 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.172 | 2441234    | 31.495 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.922 | 2075792    | 31.391 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.861 | 2047402    | 30.305 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : K3618-01MS  
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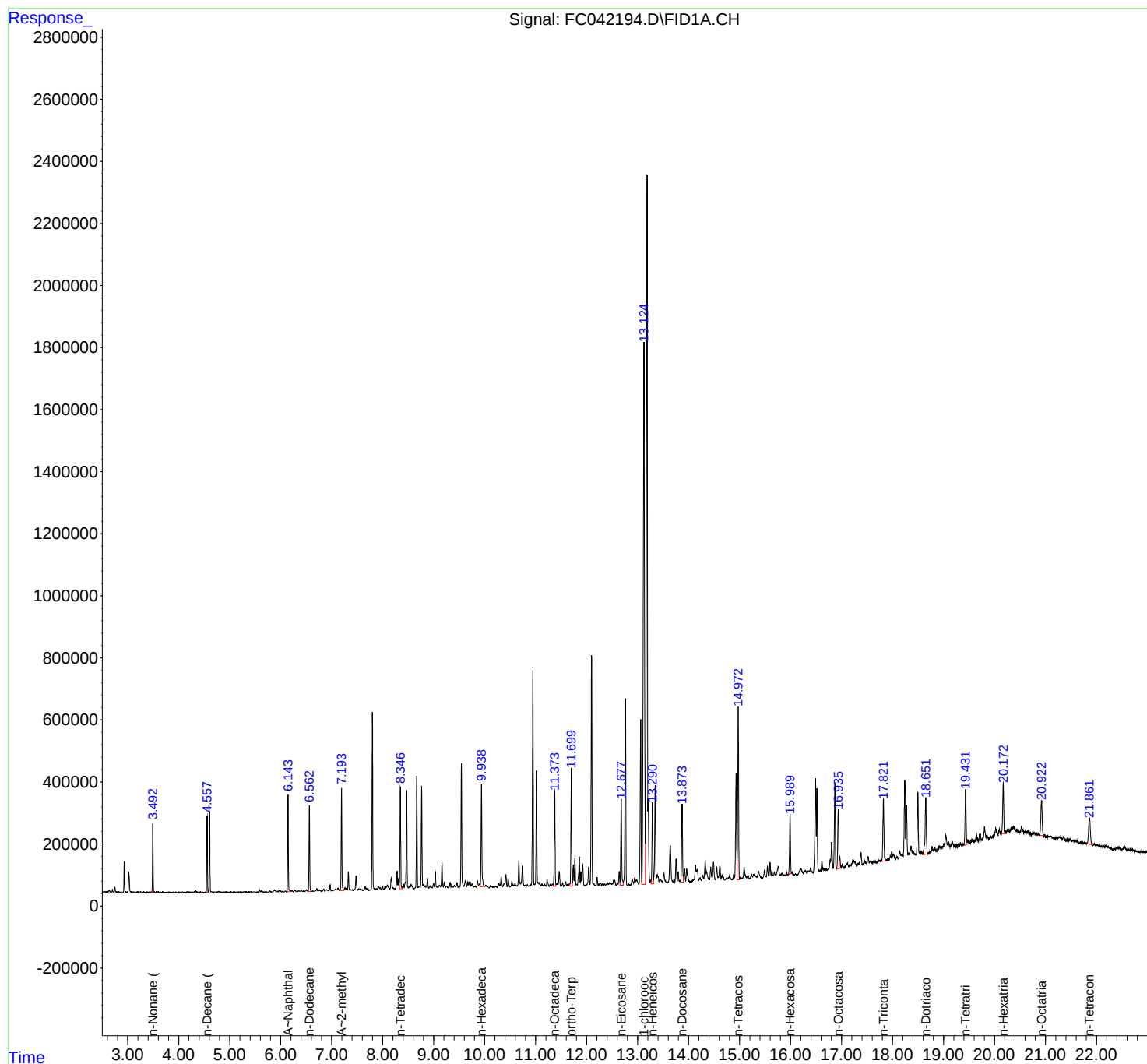
Instrument :  
FID\_C  
ClientSampleId :

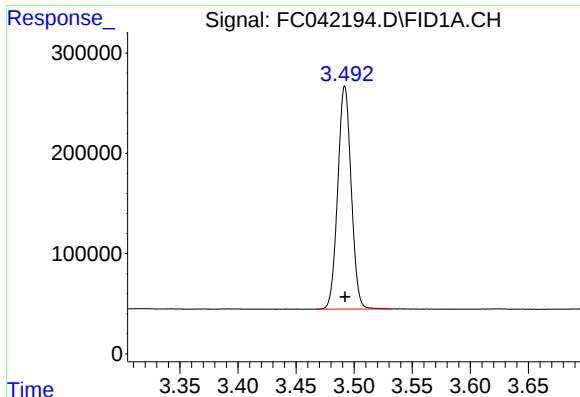
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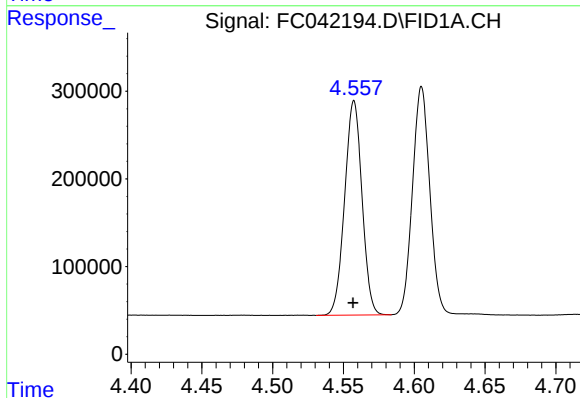
#1 n-Nonane (C9)

R.T.: 3.492 min  
Delta R.T.: 0.000 min  
Response: 1795850  
Conc: 15.45 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

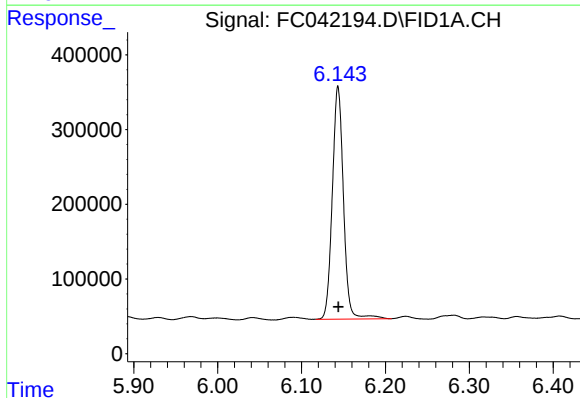
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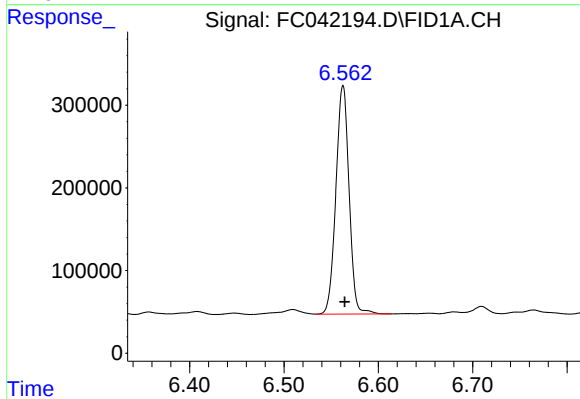
#2 n-Decane (C10)

R.T.: 4.558 min  
Delta R.T.: 0.000 min  
Response: 2084718  
Conc: 17.72 ug/ml



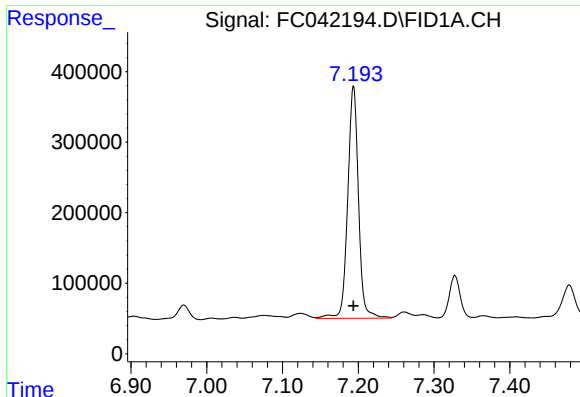
#3 A~Naphthalene (C11.7)

R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 2880963  
Conc: 21.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.563 min  
Delta R.T.: -0.002 min  
Response: 2683870  
Conc: 22.60 ug/ml



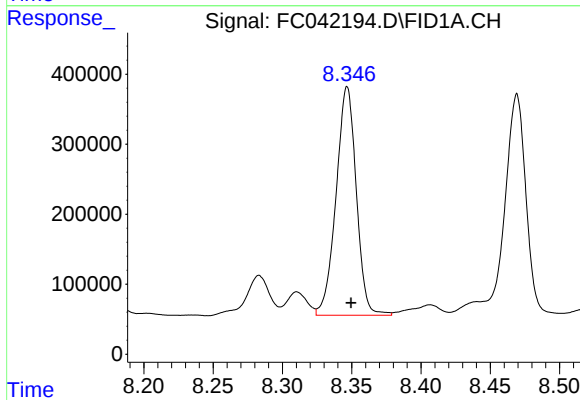
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 3258396  
Conc: 24.47 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

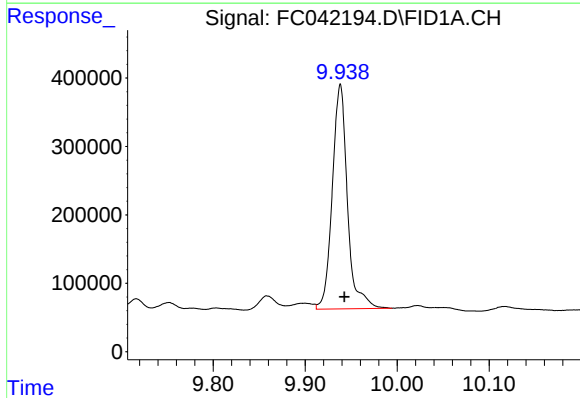
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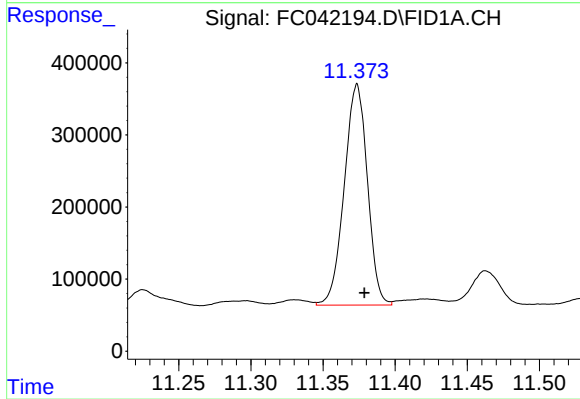
#6 n-Tetradecane (C14)

R.T.: 8.347 min  
Delta R.T.: -0.003 min  
Response: 3321316  
Conc: 27.48 ug/ml



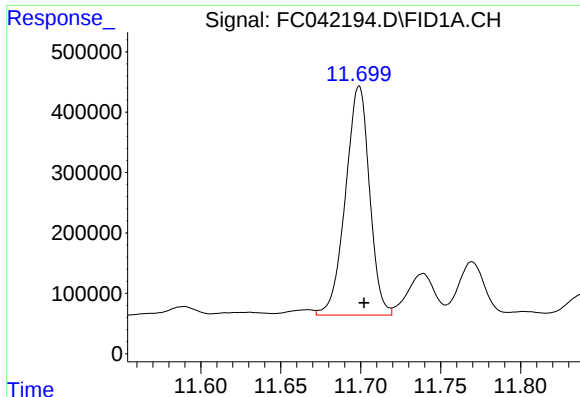
#7 n-Hexadecane (C16)

R.T.: 9.938 min  
Delta R.T.: -0.004 min  
Response: 3754434  
Conc: 30.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.374 min  
Delta R.T.: -0.005 min  
Response: 3429531  
Conc: 27.68 ug/ml



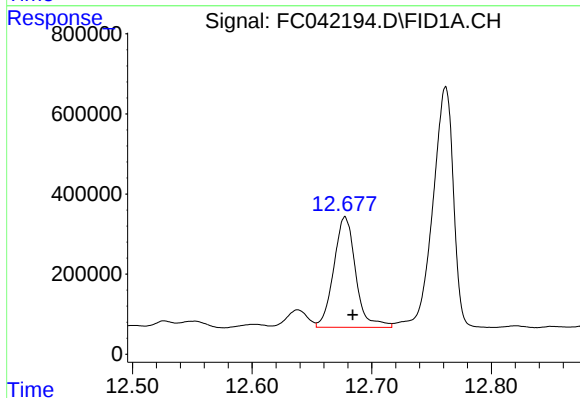
#9 ortho-Terphenyl (SURR)

R.T.: 11.699 min  
Delta R.T.: -0.003 min  
Response: 3967756  
Conc: 29.82 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

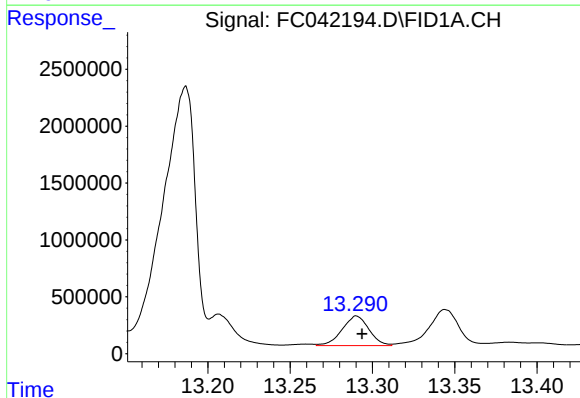
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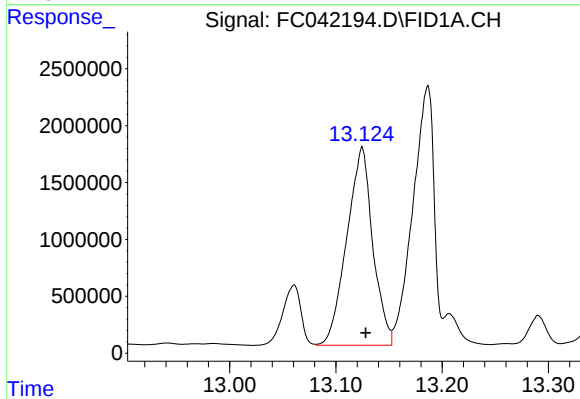
#10 n-Eicosane (C20)

R.T.: 12.678 min  
Delta R.T.: -0.006 min  
Response: 3513121  
Conc: 27.77 ug/ml



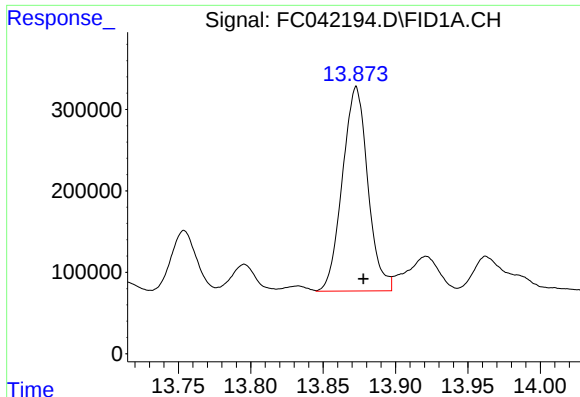
#11 n-Heneicosane (C21)

R.T.: 13.290 min  
Delta R.T.: -0.003 min  
Response: 2958283  
Conc: 23.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.125 min  
Delta R.T.: -0.004 min  
Response: 29579184  
Conc: 269.19 ug/ml



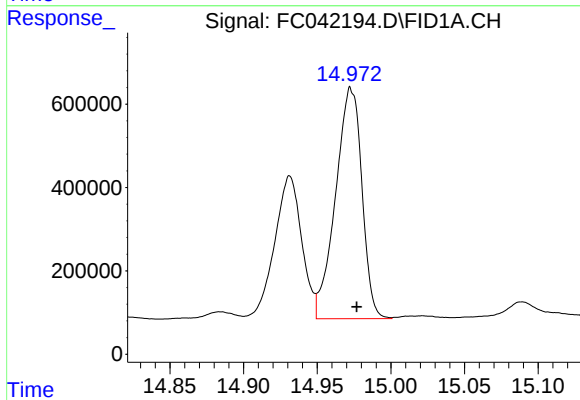
#13 n-Docosane (C22)

R.T.: 13.873 min  
Delta R.T.: -0.005 min  
Response: 3065756  
Conc: 24.26 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

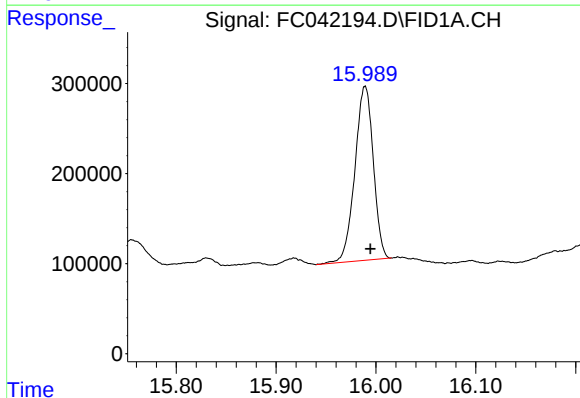
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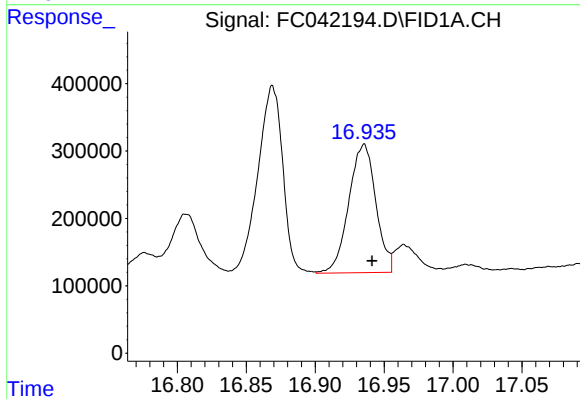
#14 n-Tetracosane (C24)

R.T.: 14.973 min  
Delta R.T.: -0.004 min  
Response: 6908730  
Conc: 54.30 ug/ml



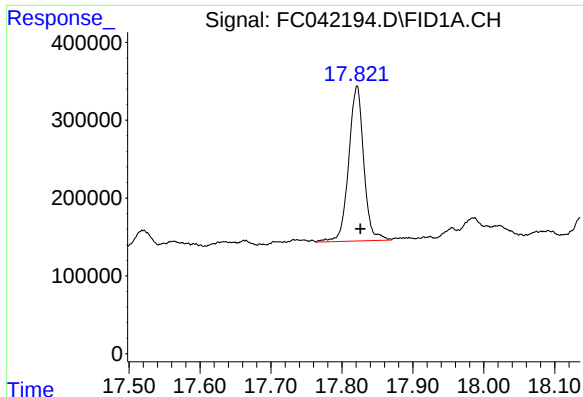
#15 n-Hexacosane (C26)

R.T.: 15.989 min  
Delta R.T.: -0.005 min  
Response: 2474232  
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.935 min  
Delta R.T.: -0.006 min  
Response: 2595717  
Conc: 21.30 ug/ml



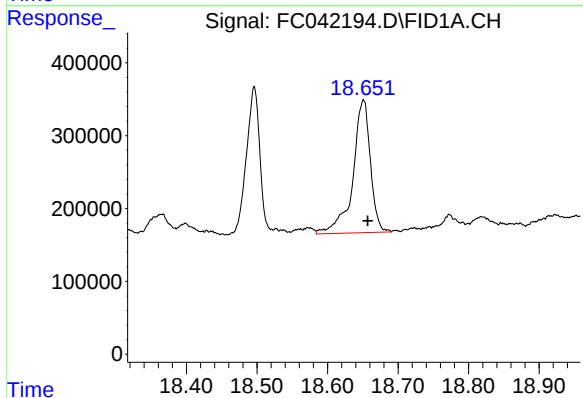
#17 n-Tricontane (C30)

R.T.: 17.821 min  
Delta R.T.: -0.005 min  
Response: 2938125  
Conc: 25.21 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

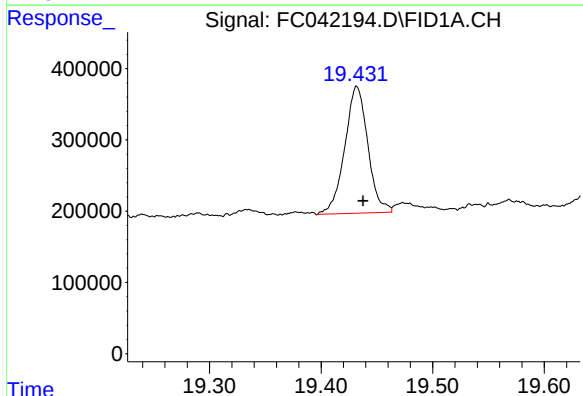
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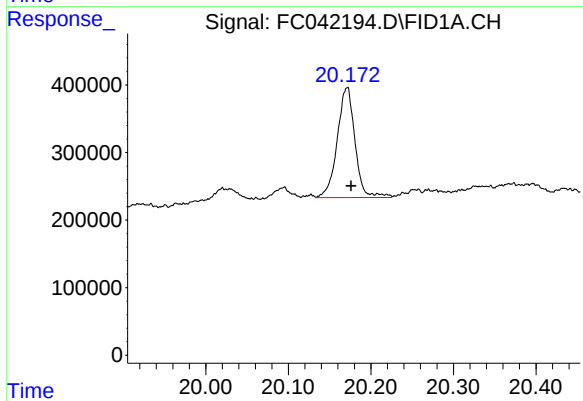
#18 n-Dotriacontane (C32)

R.T.: 18.651 min  
Delta R.T.: -0.006 min  
Response: 3151735  
Conc: 29.19 ug/ml



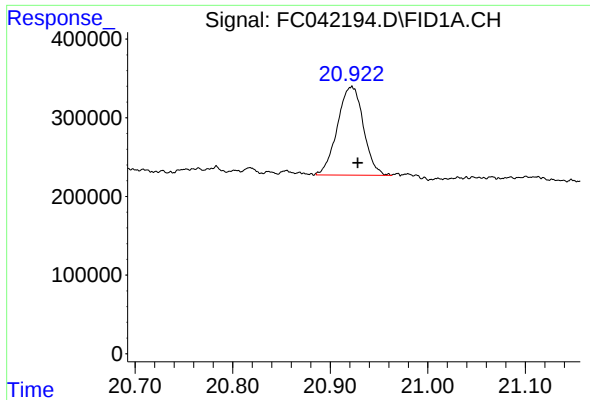
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min  
Delta R.T.: -0.006 min  
Response: 2562245  
Conc: 29.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.172 min  
Delta R.T.: -0.004 min  
Response: 2441234  
Conc: 31.50 ug/ml m



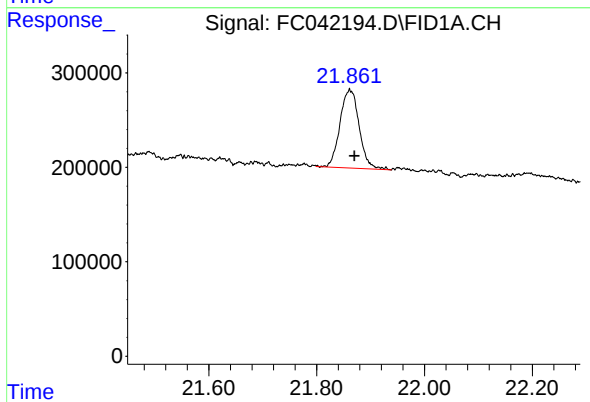
#21 n-Octatriacontane (C38)

R.T.: 20.922 min  
Delta R.T.: -0.006 min  
Response: 2075792  
Conc: 31.39 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.861 min  
Delta R.T.: -0.009 min  
Response: 2047402  
Conc: 30.31 ug/ml