

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032320AL\  
 Data File : FC046444.D  
 Signal(s) : FID1A.CH  
 Acq On : 23 Mar 2020 18:42  
 Operator : DD\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Manual Integrations  
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 3/24/2020 2:52:59 PM

Integration File: sample.E  
 Quant Time: Mar 24 02:46:09 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 032320.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 24 02:36:38 2020  
 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)    | 11.752 | 973273     | 8.547 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 17.09%       |
| 12) S 1-chlorooctadecane (S... | 13.170 | 768142     | 8.525 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 17.05%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.538  | 860909     | 8.625 ug/mlm |
| 2) T n-Decane (C10)            | 4.607  | 854101     | 8.520 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.209  | 849168     | 8.058 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.614  | 872877     | 8.564 ug/mlm |
| 5) T A~2-methylnaphthalene...  | 7.260  | 830771     | 7.834 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.397  | 874034     | 8.536 ug/mlm |
| 7) T n-Hexadecane (C16)        | 9.988  | 894690     | 8.619 ug/mlm |
| 8) T n-Octadecane (C18)        | 11.420 | 906937     | 8.569 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.722 | 917356     | 8.616 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.332 | 926677     | 8.630 ug/ml  |
| 13) T n-Docosane (C22)         | 13.916 | 924260     | 8.632 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.014 | 929059     | 8.629 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.030 | 925992     | 8.656 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.974 | 926359     | 8.753 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.858 | 893906     | 8.813 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.686 | 761115     | 8.848 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.465 | 657358     | 8.803 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.201 | 622130     | 8.921 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.963 | 585275     | 8.842 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.920 | 606225     | 8.921 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
Sample : 10 PPM ALIPHATIC HC STD4  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

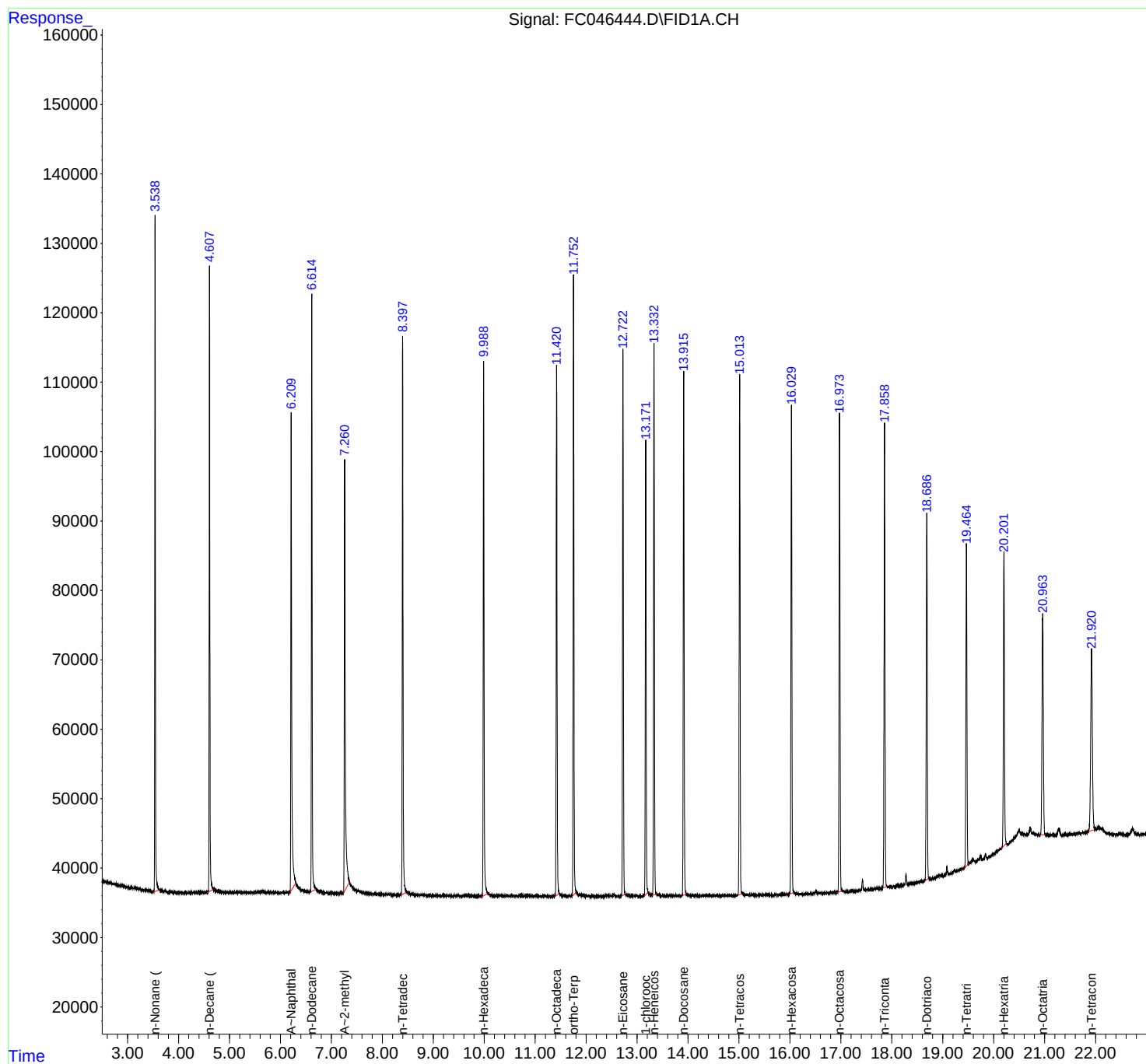
Instrument :  
FID\_C  
ClientSampled :  
10 PPM ALIPHATIC HC STD4

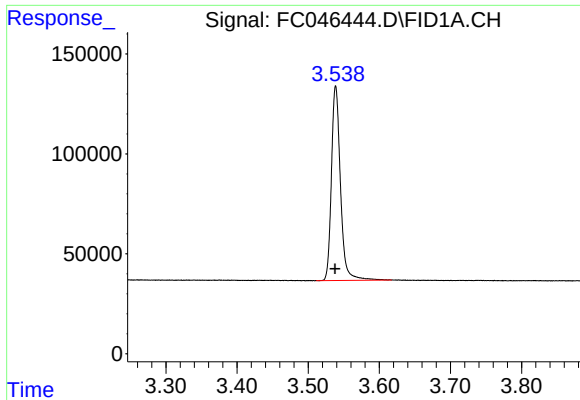
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Integration File: sample.E  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032320.M  
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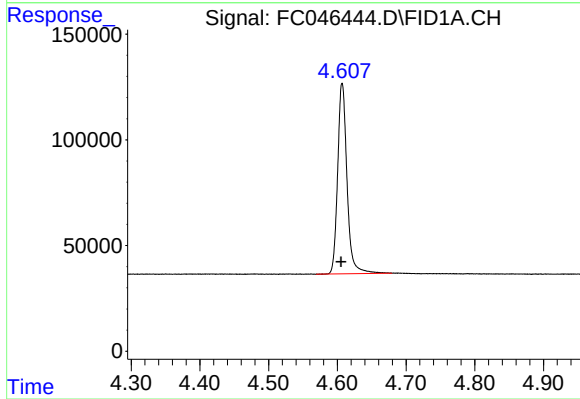
#1 n-Nonane (C9)

R.T.: 3.538 min  
Delta R.T.: 0.000 min  
Response: 860909  
Conc: 8.62 ug/ml m

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4

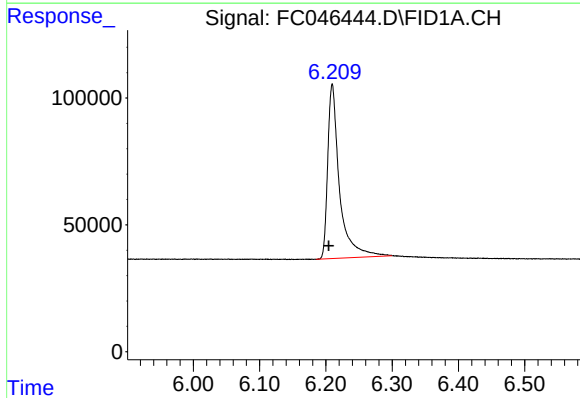
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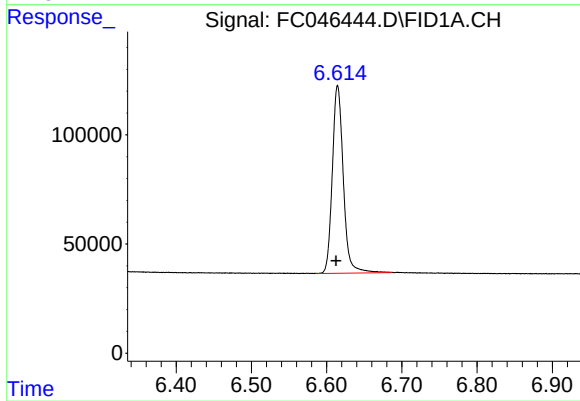
#2 n-Decane (C10)

R.T.: 4.607 min  
Delta R.T.: 0.001 min  
Response: 854101  
Conc: 8.52 ug/ml m



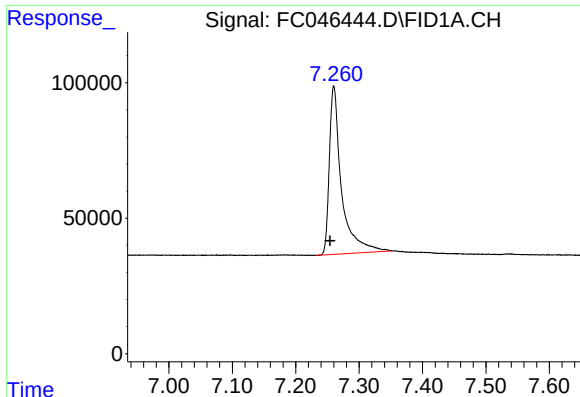
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min  
Delta R.T.: 0.005 min  
Response: 849168  
Conc: 8.06 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.614 min  
Delta R.T.: 0.002 min  
Response: 872877  
Conc: 8.56 ug/ml m



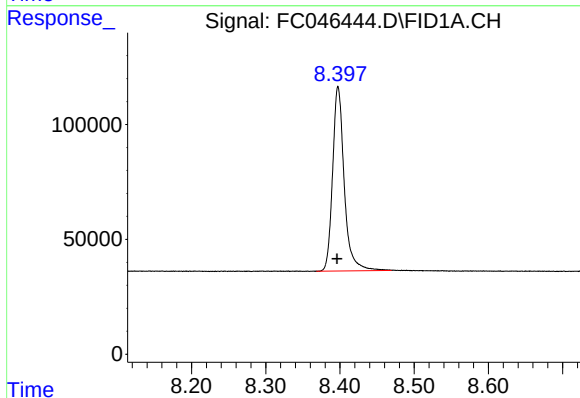
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min  
Delta R.T.: 0.005 min  
Response: 830771  
Conc: 7.83 ug/ml m

Instrument :  
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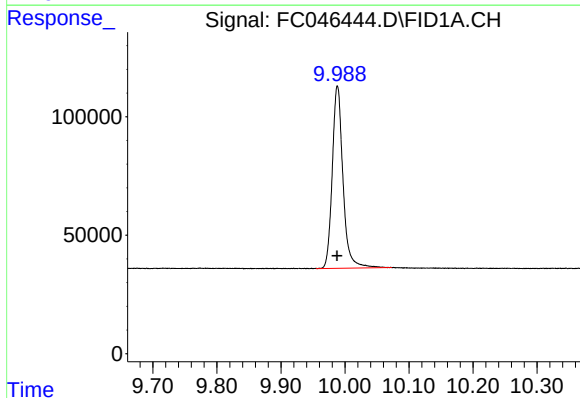
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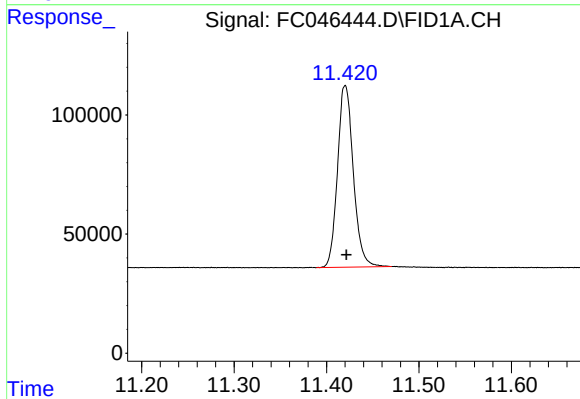
#6 n-Tetradecane (C14)

R.T.: 8.397 min  
Delta R.T.: 0.001 min  
Response: 874034  
Conc: 8.54 ug/ml m



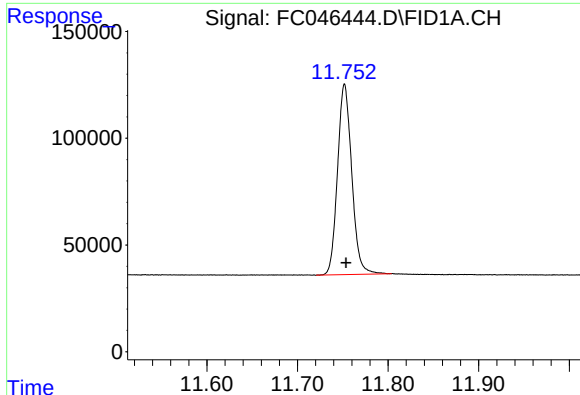
#7 n-Hexadecane (C16)

R.T.: 9.988 min  
Delta R.T.: 0.000 min  
Response: 894690  
Conc: 8.62 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.420 min  
Delta R.T.: -0.001 min  
Response: 906937  
Conc: 8.57 ug/ml



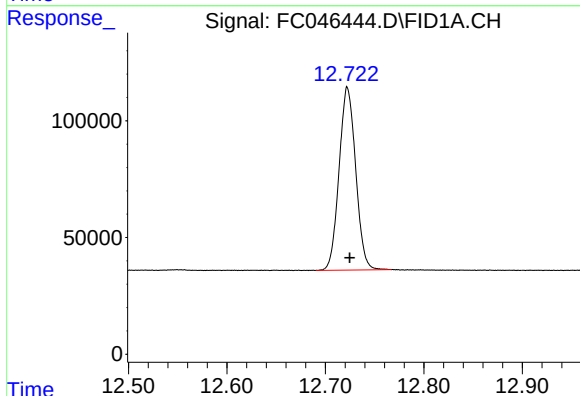
#9 ortho-Terphenyl (SURR)

R.T.: 11.752 min  
Delta R.T.: -0.002 min  
Response: 973273  
Conc: 8.55 ug/ml

Instrument :  
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10 PPM ALIPHATIC HC STD4

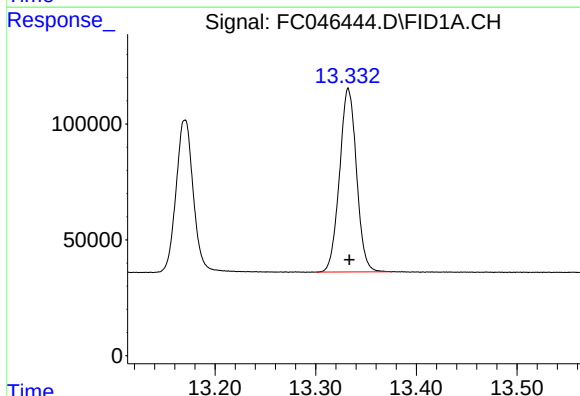
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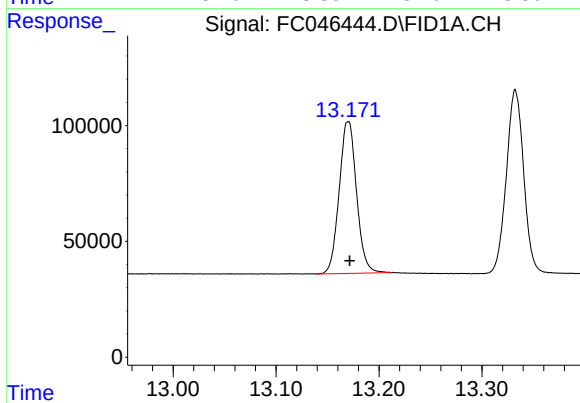
#10 n-Eicosane (C20)

R.T.: 12.722 min  
Delta R.T.: -0.002 min  
Response: 917356  
Conc: 8.62 ug/ml



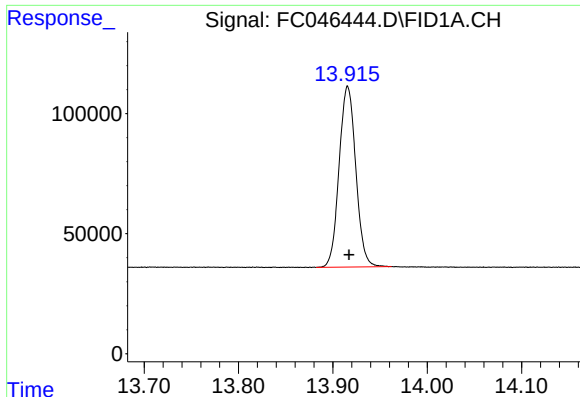
#11 n-Heneicosane (C21)

R.T.: 13.332 min  
Delta R.T.: 0.000 min  
Response: 926677  
Conc: 8.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.170 min  
Delta R.T.: -0.002 min  
Response: 768142  
Conc: 8.53 ug/ml



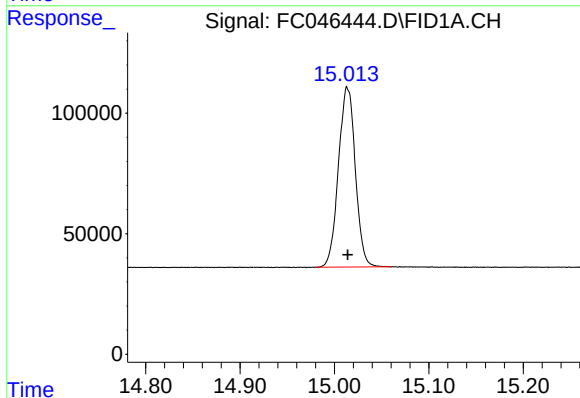
#13 n-Docosane (C22)

R.T.: 13.916 min  
Delta R.T.: -0.001 min  
Response: 924260  
Conc: 8.63 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4

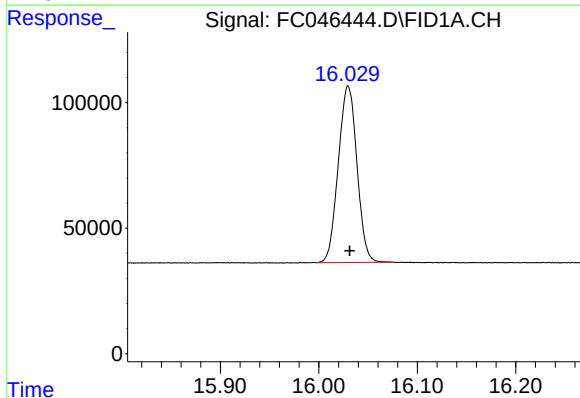
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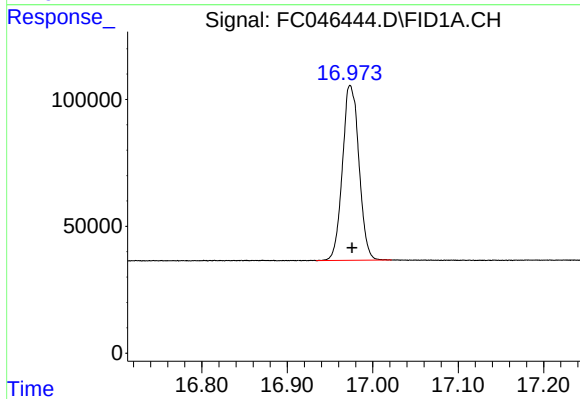
#14 n-Tetracosane (C24)

R.T.: 15.014 min  
Delta R.T.: 0.000 min  
Response: 929059  
Conc: 8.63 ug/ml



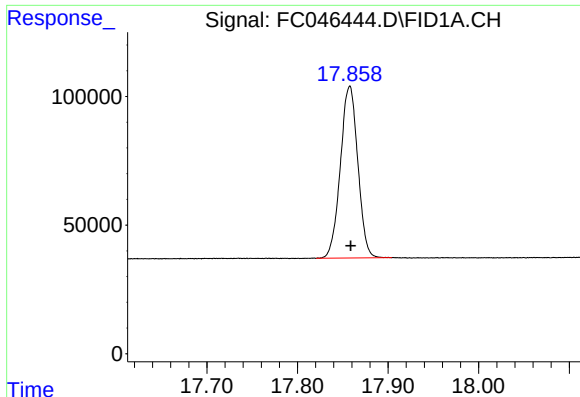
#15 n-Hexacosane (C26)

R.T.: 16.030 min  
Delta R.T.: -0.002 min  
Response: 925992  
Conc: 8.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.974 min  
Delta R.T.: -0.002 min  
Response: 926359  
Conc: 8.75 ug/ml



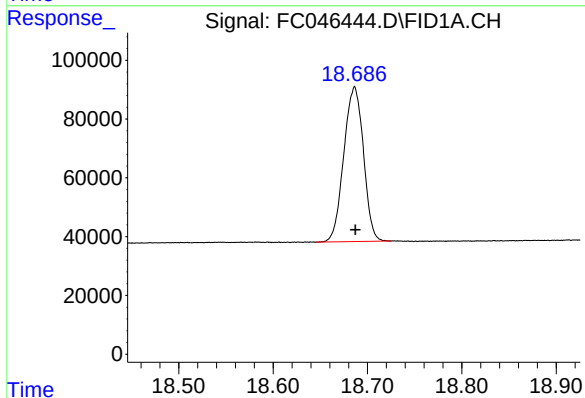
#17 n-Tricontane (C30)

R.T.: 17.858 min  
Delta R.T.: -0.001 min  
Response: 893906  
Conc: 8.81 ug/ml

Instrument :  
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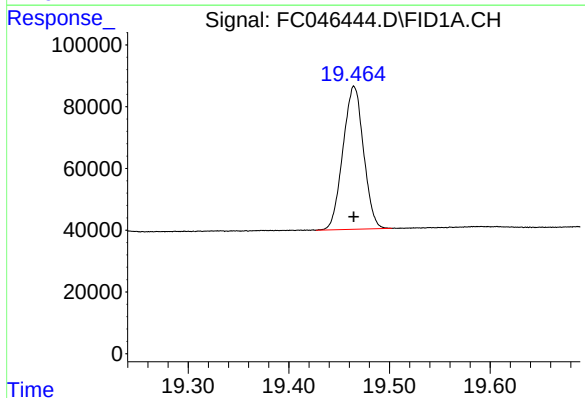
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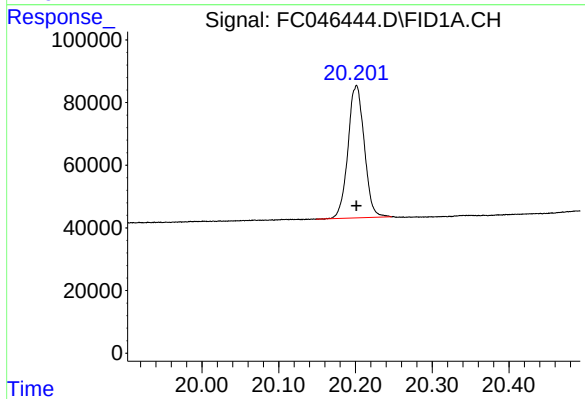
#18 n-Dotriacontane (C32)

R.T.: 18.686 min  
Delta R.T.: 0.000 min  
Response: 761115  
Conc: 8.85 ug/ml



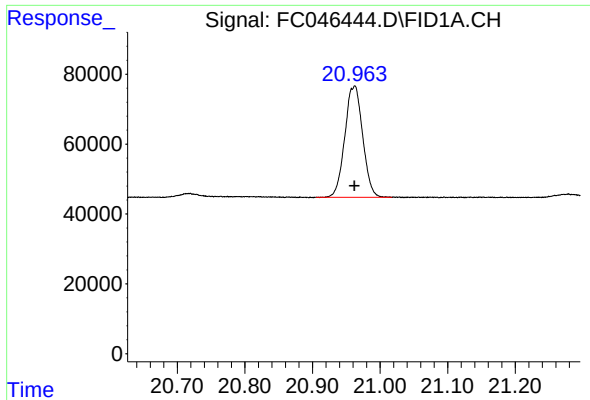
#19 n-Tetratriacontane (C34)

R.T.: 19.465 min  
Delta R.T.: 0.000 min  
Response: 657358  
Conc: 8.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.201 min  
Delta R.T.: 0.000 min  
Response: 622130  
Conc: 8.92 ug/ml



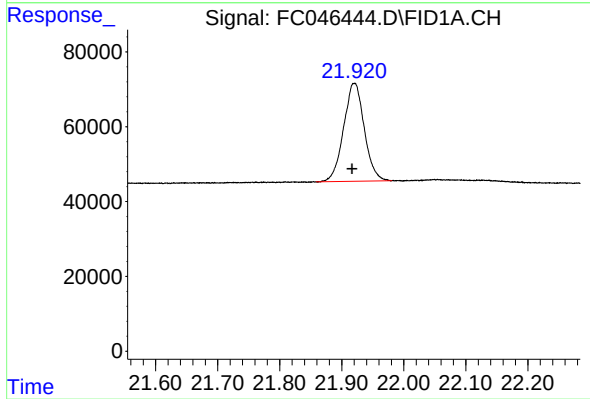
#21 n-Octatriacontane (C38)

R.T.: 20.963 min  
Delta R.T.: 0.000 min  
Response: 585275  
Conc: 8.84 ug/ml

Instrument :  
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#22 n-Tetracontane (C40)

R.T.: 21.920 min  
Delta R.T.: 0.004 min  
Response: 606225  
Conc: 8.92 ug/ml