

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120320AL\  
 Data File : FC051091.D  
 Signal(s) : FID1A.CH  
 Acq On : 03 Dec 2020 10:42  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
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 12/7/2020 12:16:16 PM

Integration File: autoint1.e  
 Quant Time: Dec 04 00:26:02 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 112720.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 30 10:42:25 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)    | 11.589 | 2420001    | 19.668 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.34%        |
| 12) S 1-chlorooctadecane (S... | 13.023 | 1870972    | 19.179 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.36%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.347  | 2323581    | 21.834 ug/ml  |
| 2) T n-Decane (C10)            | 4.414  | 2337837    | 22.012 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.006  | 2430420    | 21.618 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.433  | 2384480    | 21.915 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.063  | 2439578    | 21.586 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.228  | 2352633    | 21.743 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.828  | 2280400    | 21.250 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.270 | 2342984    | 20.542 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.577 | 2294479    | 19.751 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.189 | 2243187    | 19.361 ug/ml  |
| 13) T n-Docosane (C22)         | 13.775 | 2235842    | 19.304 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.878 | 2150306    | 18.697 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.895 | 2102103    | 18.669 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.844 | 2083447    | 18.816 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.730 | 2040225    | 19.206 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.560 | 1929087    | 19.743 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.343 | 1833932    | 20.548 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.081 | 1767902    | 21.197 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.819 | 1688964    | 21.688 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.734 | 1744945    | 21.075 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120320AL\  
Data File : FC051091.D  
Signal(s) : FID1A.CH  
Acq On : 03 Dec 2020 10:42  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

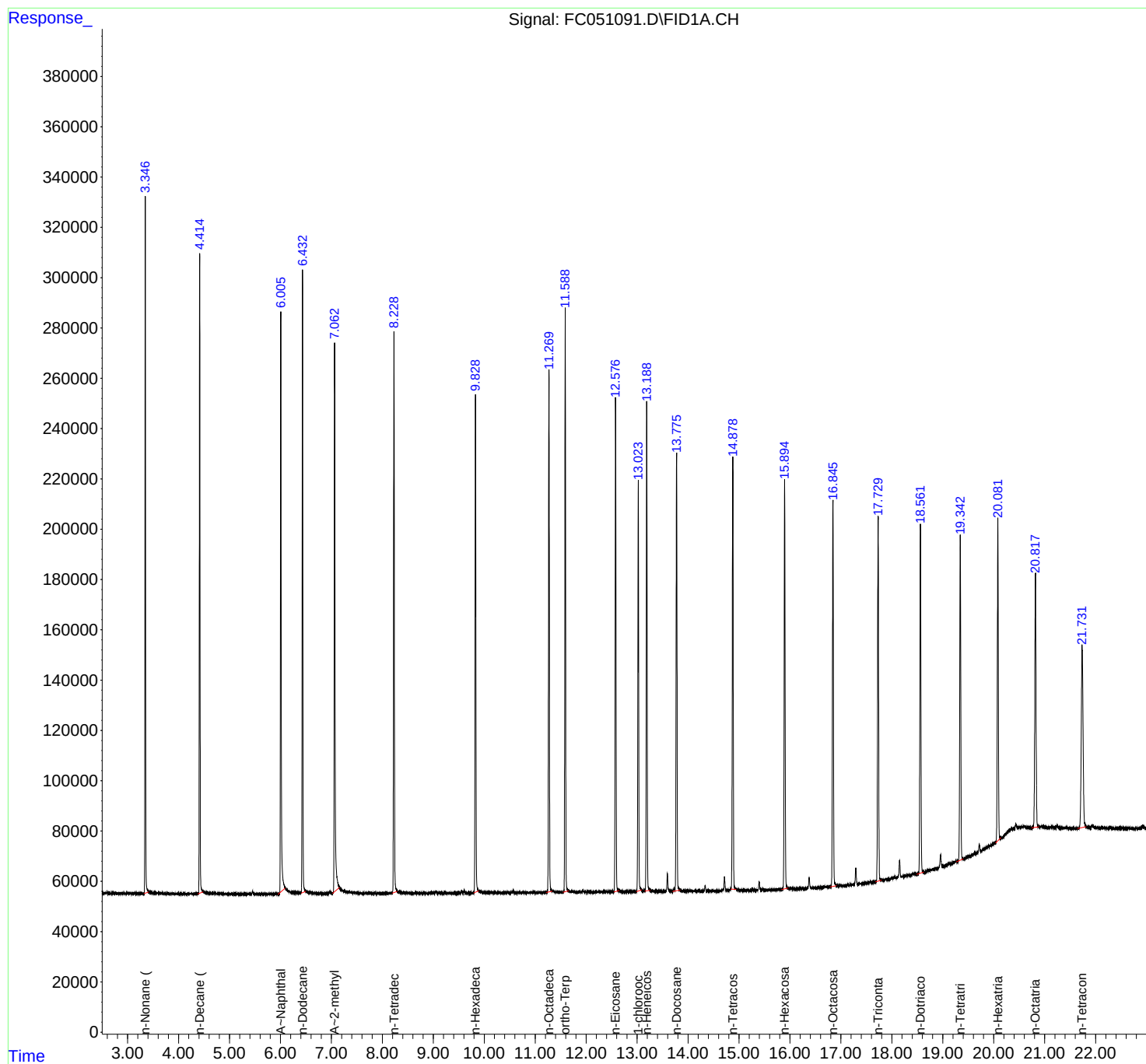
Instrument :  
FID\_C  
ClientSampled :  
20 PPM ALIPHATIC HC STD

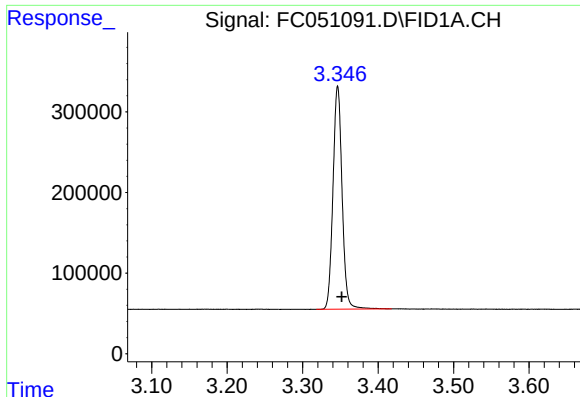
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Integration File: autoint1.e  
Quant Time: Dec 04 00:26:02 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 112720.M  
Quant Title : GC Extractables  
QLast Update : Mon Nov 30 10:42:25 2020  
Response via : Initial Calibration  
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





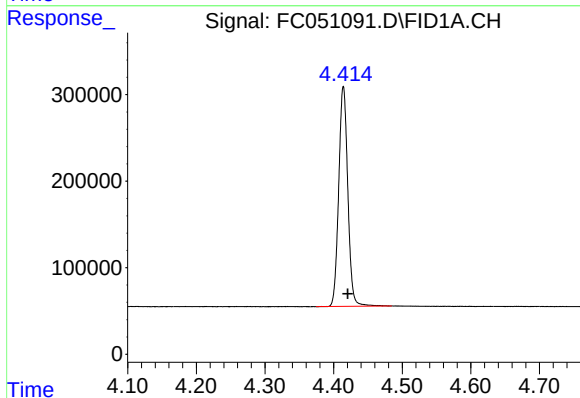
#1 n-Nonane (C9)

R.T.: 3.347 min  
Delta R.T.: -0.005 min  
Response: 2323581  
Conc: 21.83 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

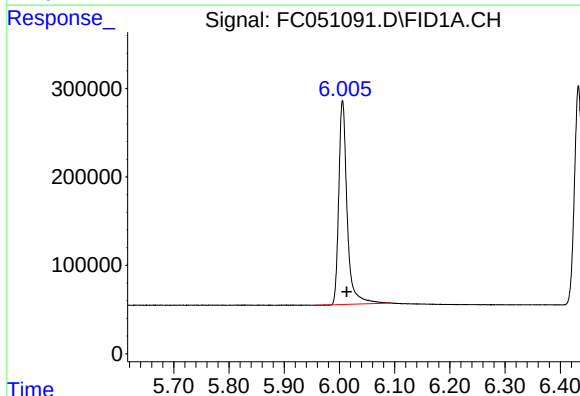
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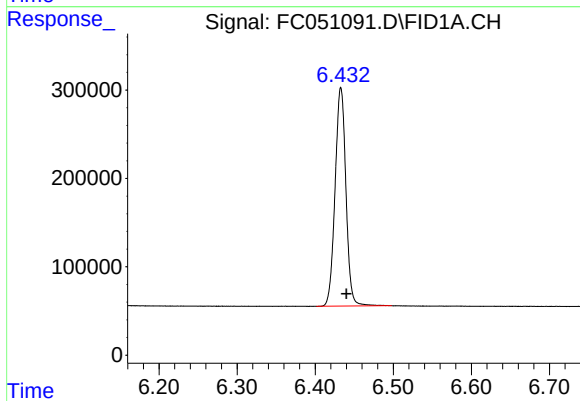
#2 n-Decane (C10)

R.T.: 4.414 min  
Delta R.T.: -0.006 min  
Response: 2337837  
Conc: 22.01 ug/ml



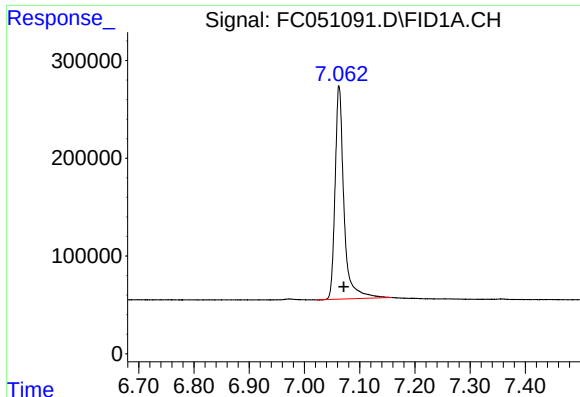
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min  
Delta R.T.: -0.008 min  
Response: 2430420  
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.433 min  
Delta R.T.: -0.007 min  
Response: 2384480  
Conc: 21.91 ug/ml



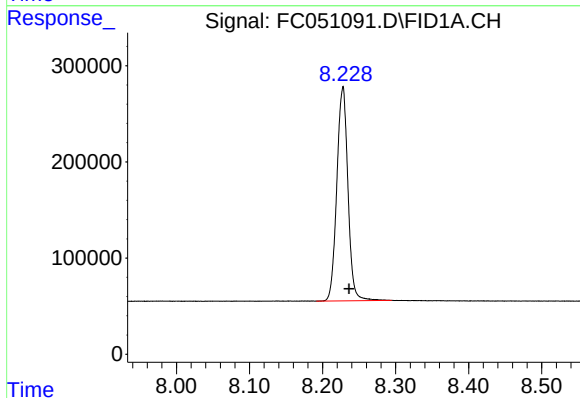
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.063 min  
Delta R.T.: -0.008 min  
Response: 2439578  
Conc: 21.59 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

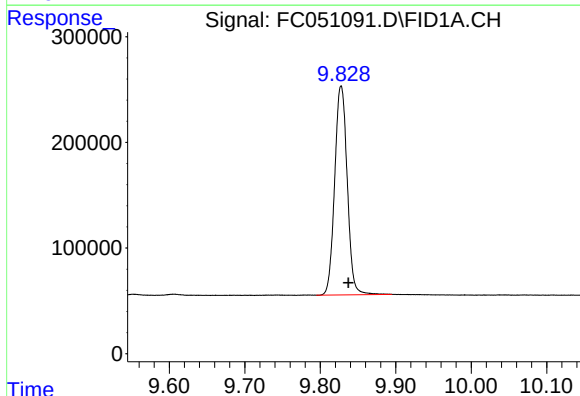
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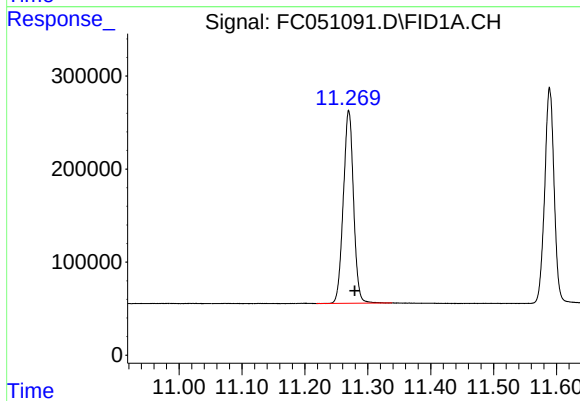
#6 n-Tetradecane (C14)

R.T.: 8.228 min  
Delta R.T.: -0.009 min  
Response: 2352633  
Conc: 21.74 ug/ml



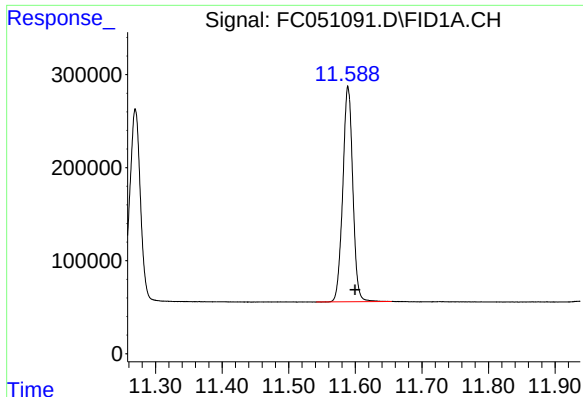
#7 n-Hexadecane (C16)

R.T.: 9.828 min  
Delta R.T.: -0.009 min  
Response: 2280400  
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.270 min  
Delta R.T.: -0.009 min  
Response: 2342984  
Conc: 20.54 ug/ml



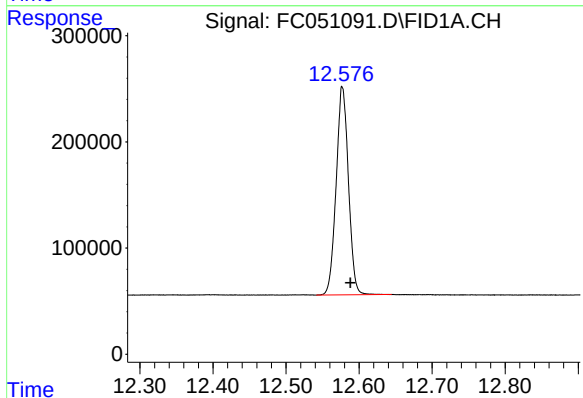
#9 ortho-Terphenyl (SURR)

R.T.: 11.589 min  
Delta R.T.: -0.011 min  
Response: 2420001  
Conc: 19.67 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

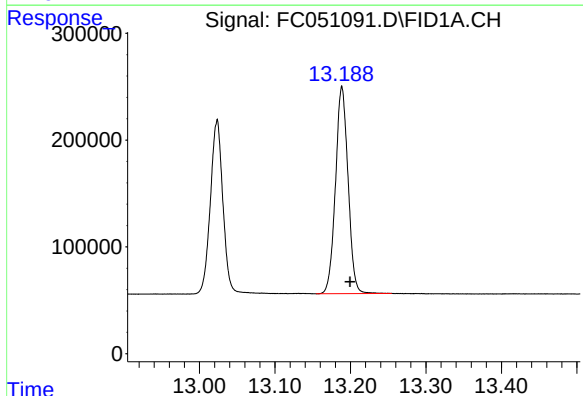
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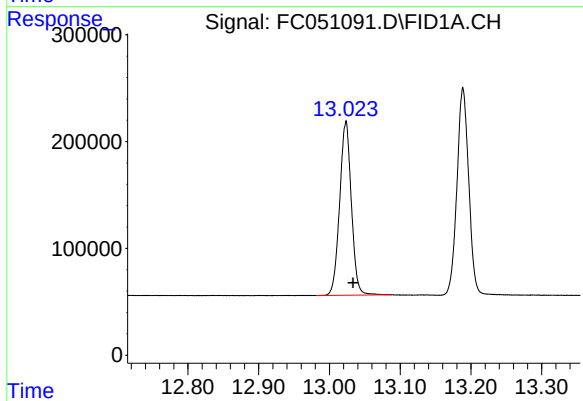
#10 n-Eicosane (C20)

R.T.: 12.577 min  
Delta R.T.: -0.011 min  
Response: 2294479  
Conc: 19.75 ug/ml



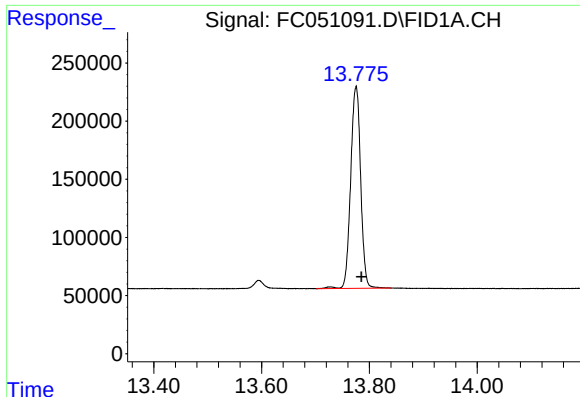
#11 n-Heneicosane (C21)

R.T.: 13.189 min  
Delta R.T.: -0.011 min  
Response: 2243187  
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min  
Delta R.T.: -0.010 min  
Response: 1870972  
Conc: 19.18 ug/ml



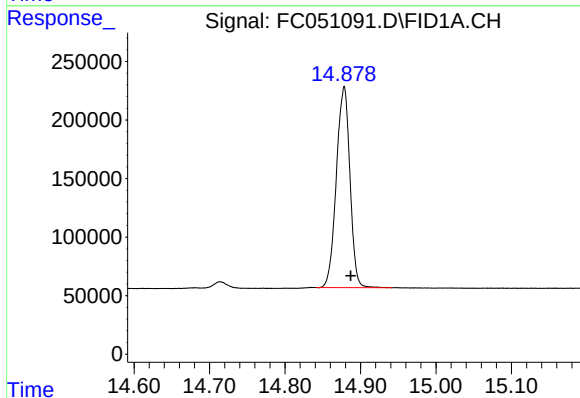
#13 n-Docosane (C22)

R.T.: 13.775 min  
Delta R.T.: -0.010 min  
Response: 2235842  
Conc: 19.30 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

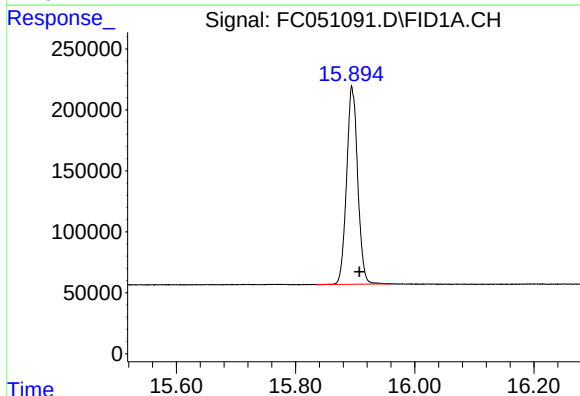
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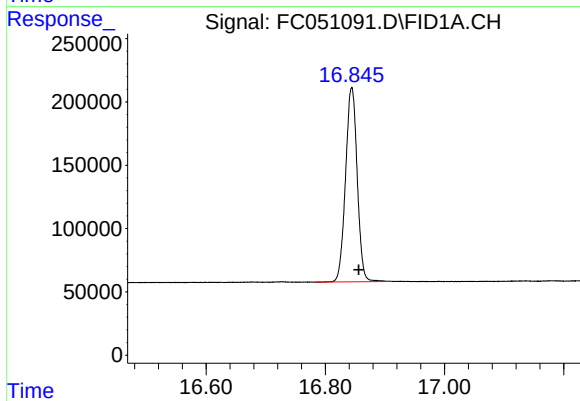
#14 n-Tetracosane (C24)

R.T.: 14.878 min  
Delta R.T.: -0.009 min  
Response: 2150306  
Conc: 18.70 ug/ml



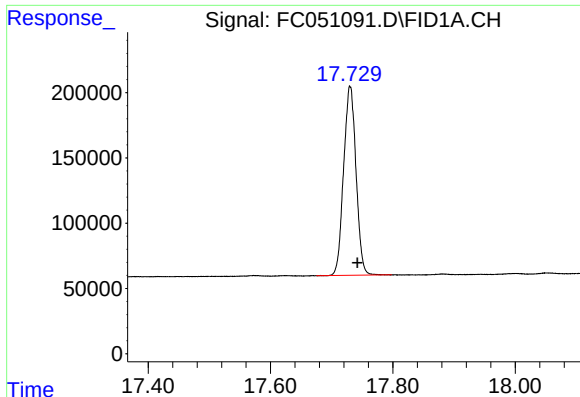
#15 n-Hexacosane (C26)

R.T.: 15.895 min  
Delta R.T.: -0.012 min  
Response: 2102103  
Conc: 18.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.844 min  
Delta R.T.: -0.012 min  
Response: 2083447  
Conc: 18.82 ug/ml



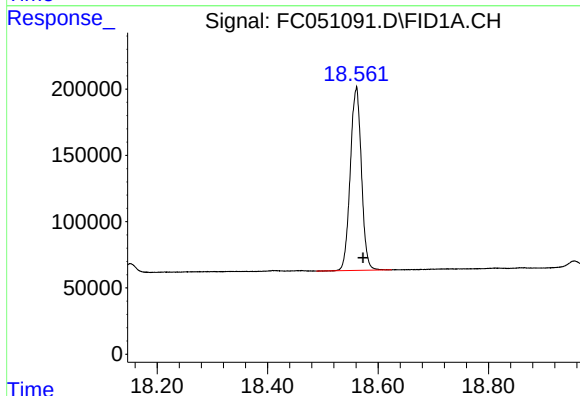
#17 n-Tricontane (C30)

R.T.: 17.730 min  
Delta R.T.: -0.012 min  
Response: 2040225  
Conc: 19.21 ug/ml

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20 PPM ALIPHATIC HC STD

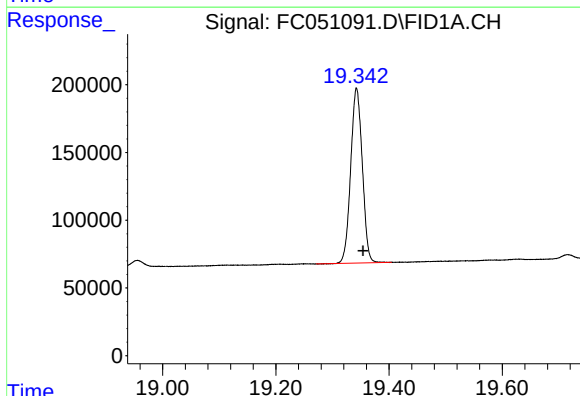
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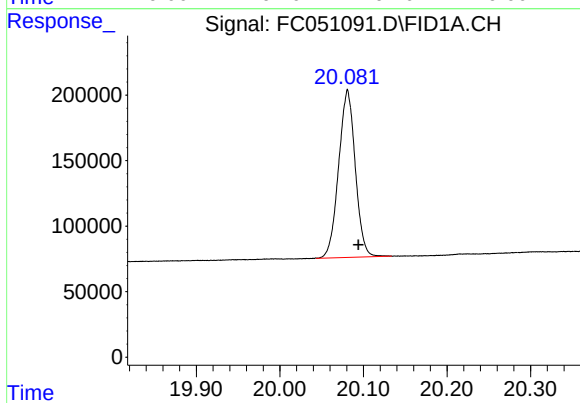
#18 n-Dotriacontane (C32)

R.T.: 18.560 min  
Delta R.T.: -0.012 min  
Response: 1929087  
Conc: 19.74 ug/ml



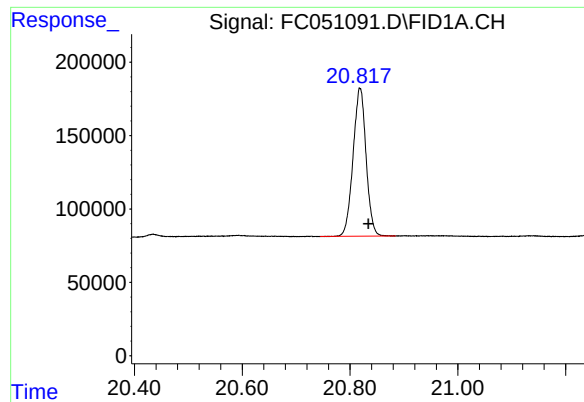
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min  
Delta R.T.: -0.012 min  
Response: 1833932  
Conc: 20.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min  
Delta R.T.: -0.013 min  
Response: 1767902  
Conc: 21.20 ug/ml m



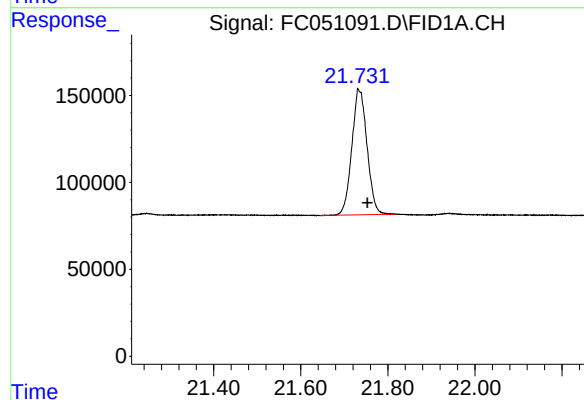
#21 n-Octatriacontane (C38)

R.T.: 20.819 min  
Delta R.T.: -0.015 min  
Response: 1688964  
Conc: 21.69 ug/ml

Instrument :  
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#22 n-Tetracontane (C40)

R.T.: 21.734 min  
Delta R.T.: -0.019 min  
Response: 1744945  
Conc: 21.07 ug/ml