

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092320AL\  
 Data File : FC049738.D  
 Signal(s) : FID1A.CH  
 Acq On : 23 Sep 2020 23:55  
 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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Integration File: autoint1.e  
 Quant Time: Sep 24 01:43:07 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 05:58:47 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)    | 11.662 | 2253129    | 19.610 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.22%        |
| 12) S 1-chlorooctadecane (S... | 13.095 | 1723157    | 19.346 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.69%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.399  | 2260287    | 21.849 ug/ml  |
| 2) T n-Decane (C10)            | 4.471  | 2275693    | 21.910 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.069  | 2453585    | 21.340 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.496  | 2281730    | 21.586 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.129  | 2461870    | 21.056 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.294  | 2225896    | 21.099 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.896  | 2133247    | 20.499 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.340 | 2158890    | 20.088 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.650 | 2110584    | 19.710 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.262 | 2072007    | 19.471 ug/ml  |
| 13) T n-Docosane (C22)         | 13.847 | 2048509    | 19.358 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.952 | 2014235    | 19.249 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.971 | 1992169    | 19.488 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.922 | 2016436    | 20.064 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.808 | 2010818    | 20.652 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.639 | 1931795    | 21.379 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.421 | 1881141    | 21.975 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.161 | 1765421    | 21.913 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.912 | 1827507    | 24.140 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.860 | 1612406    | 20.722 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH  
Acq On : 23 Sep 2020 23:55  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

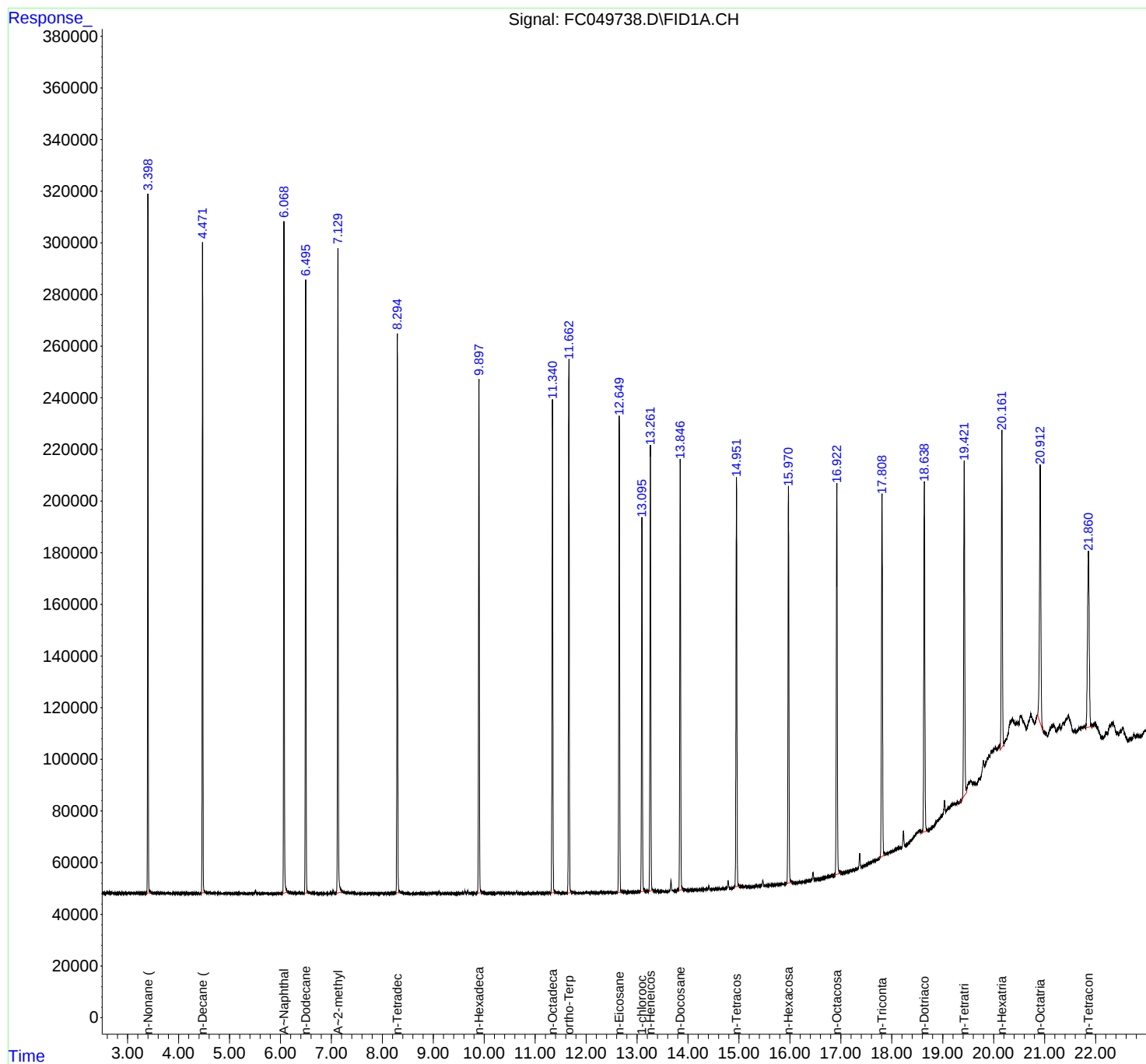
Instrument :  
FID\_C  
ClientSampled :  
20 PPM ALIPHATIC HC STD

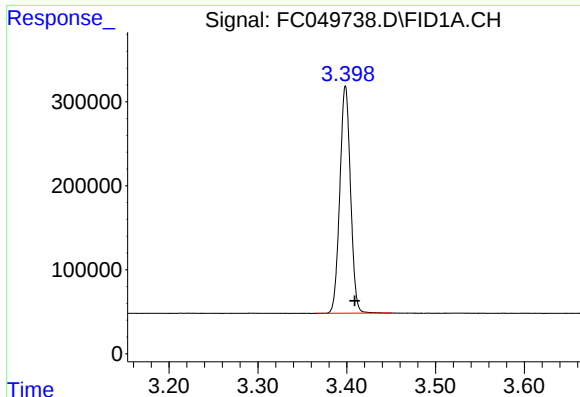
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Integration File: autoint1.e  
Quant Time: Sep 24 01:43:07 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 090820.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 09 05:58:47 2020  
Response via : Initial Calibration  
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





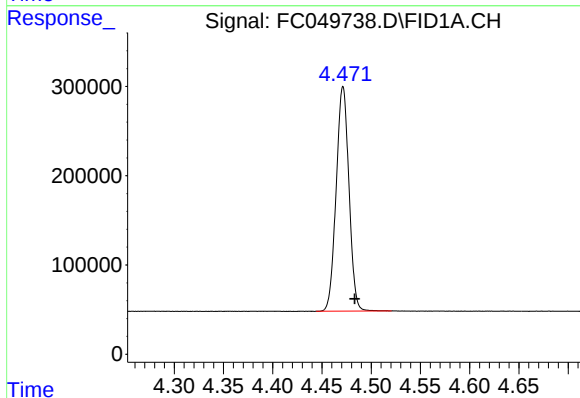
#1 n-Nonane (C9)

R.T.: 3.399 min  
Delta R.T.: -0.010 min  
Response: 2260287  
Conc: 21.85 ug/ml

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

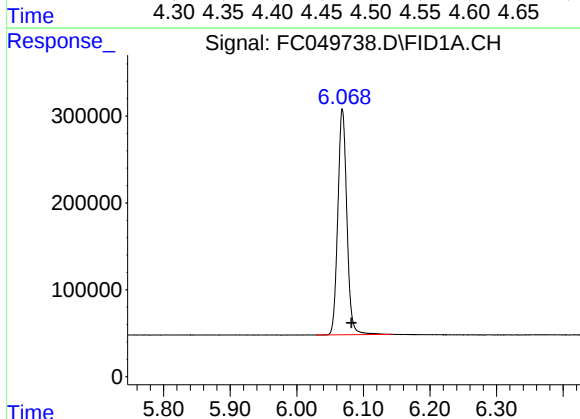
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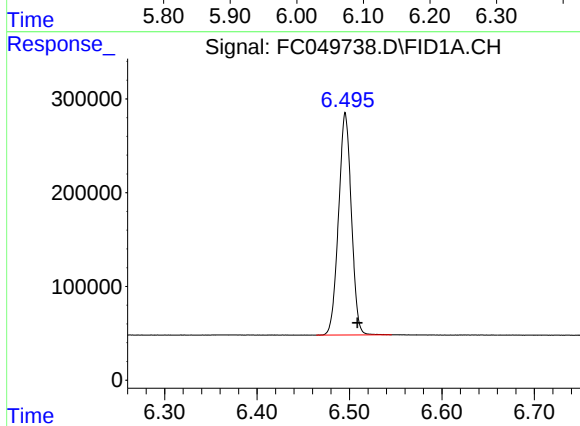
#2 n-Decane (C10)

R.T.: 4.471 min  
Delta R.T.: -0.012 min  
Response: 2275693  
Conc: 21.91 ug/ml



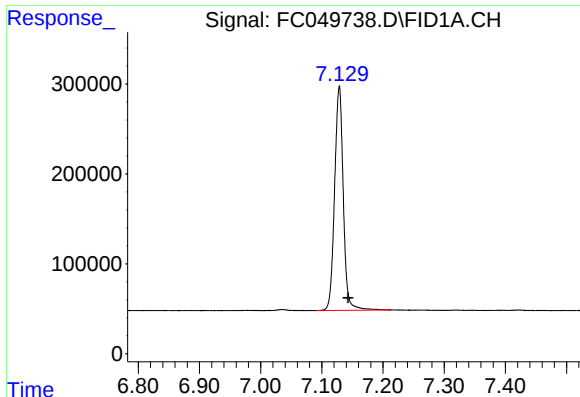
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min  
Delta R.T.: -0.013 min  
Response: 2453585  
Conc: 21.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.496 min  
Delta R.T.: -0.013 min  
Response: 2281730  
Conc: 21.59 ug/ml



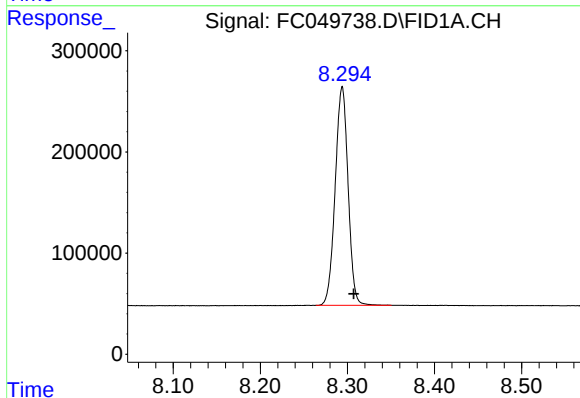
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.129 min  
Delta R.T.: -0.014 min  
Response: 2461870  
Conc: 21.06 ug/ml

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

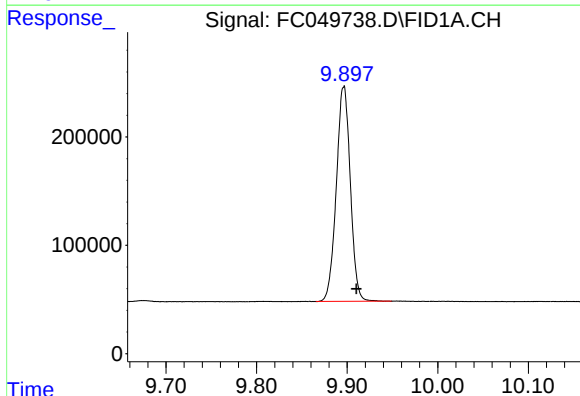
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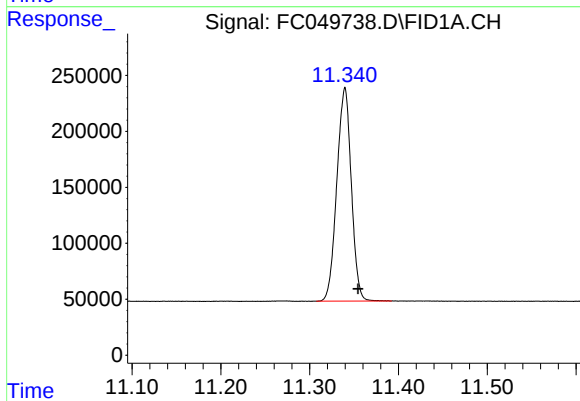
#6 n-Tetradecane (C14)

R.T.: 8.294 min  
Delta R.T.: -0.013 min  
Response: 2225896  
Conc: 21.10 ug/ml



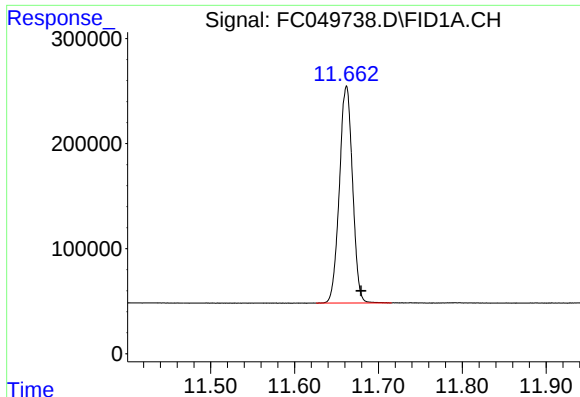
#7 n-Hexadecane (C16)

R.T.: 9.896 min  
Delta R.T.: -0.014 min  
Response: 2133247  
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.340 min  
Delta R.T.: -0.015 min  
Response: 2158890  
Conc: 20.09 ug/ml



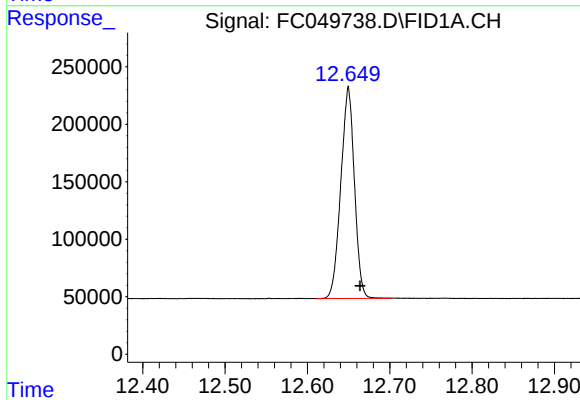
#9 ortho-Terphenyl (SURR)

R.T.: 11.662 min  
Delta R.T.: -0.017 min  
Response: 2253129  
Conc: 19.61 ug/ml

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

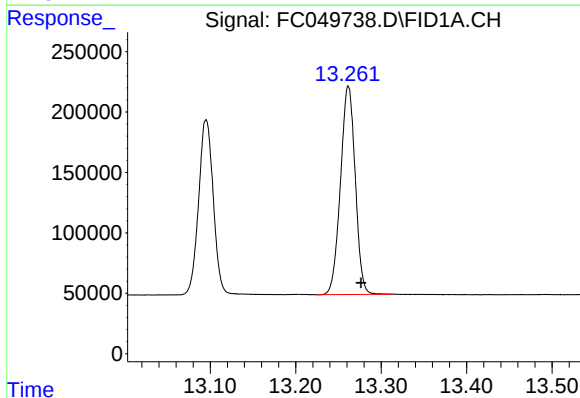
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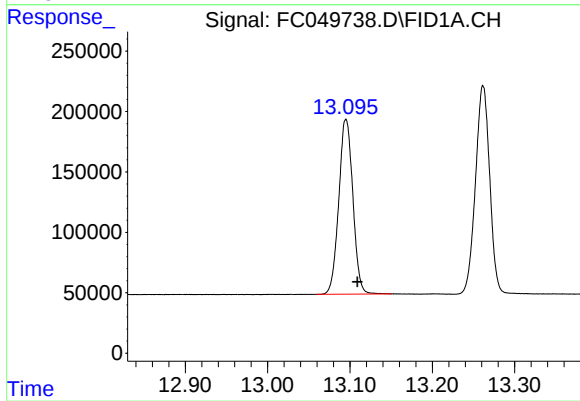
#10 n-Eicosane (C20)

R.T.: 12.650 min  
Delta R.T.: -0.014 min  
Response: 2110584  
Conc: 19.71 ug/ml



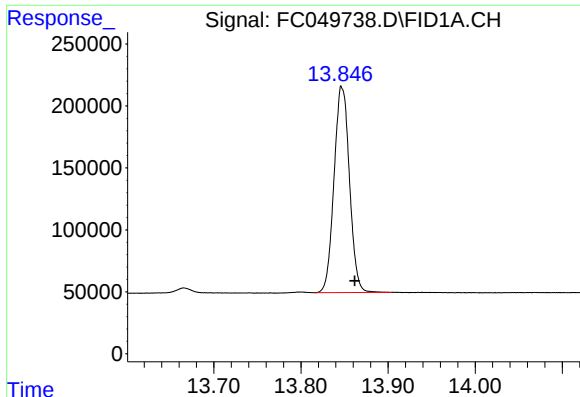
#11 n-Heneicosane (C21)

R.T.: 13.262 min  
Delta R.T.: -0.015 min  
Response: 2072007  
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.095 min  
Delta R.T.: -0.014 min  
Response: 1723157  
Conc: 19.35 ug/ml



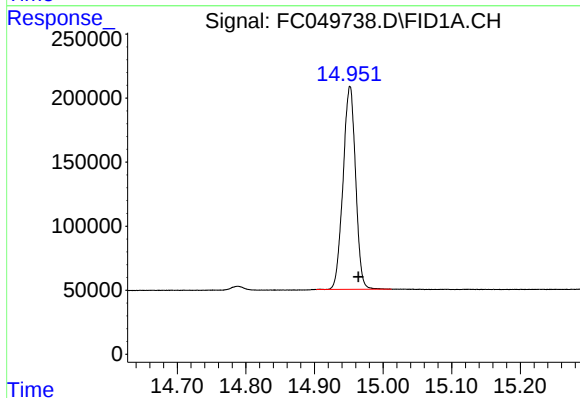
#13 n-Docosane (C22)

R.T.: 13.847 min  
Delta R.T.: -0.015 min  
Response: 2048509  
Conc: 19.36 ug/ml

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

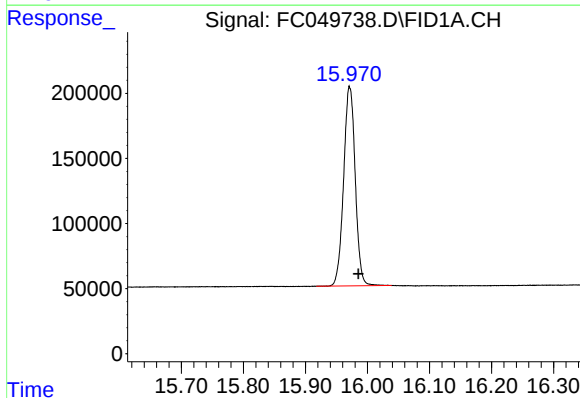
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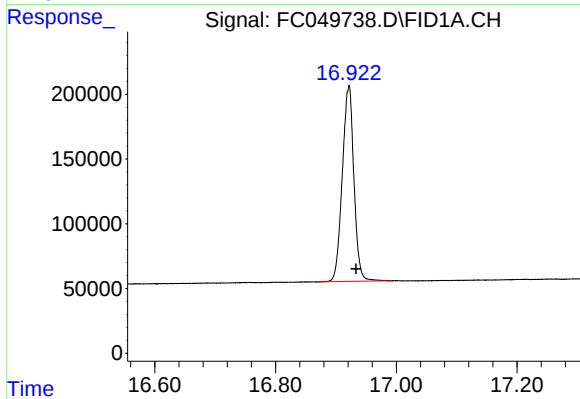
#14 n-Tetracosane (C24)

R.T.: 14.952 min  
Delta R.T.: -0.013 min  
Response: 2014235  
Conc: 19.25 ug/ml



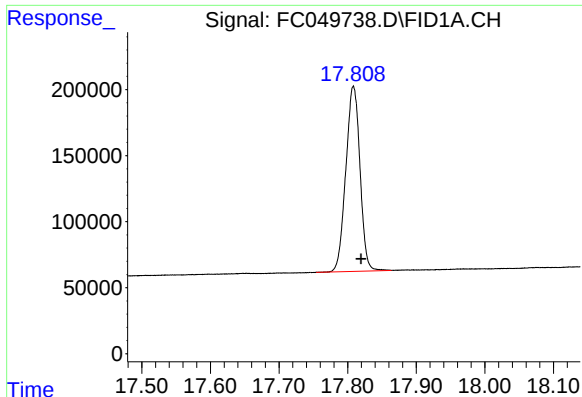
#15 n-Hexacosane (C26)

R.T.: 15.971 min  
Delta R.T.: -0.014 min  
Response: 1992169  
Conc: 19.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.922 min  
Delta R.T.: -0.012 min  
Response: 2016436  
Conc: 20.06 ug/ml



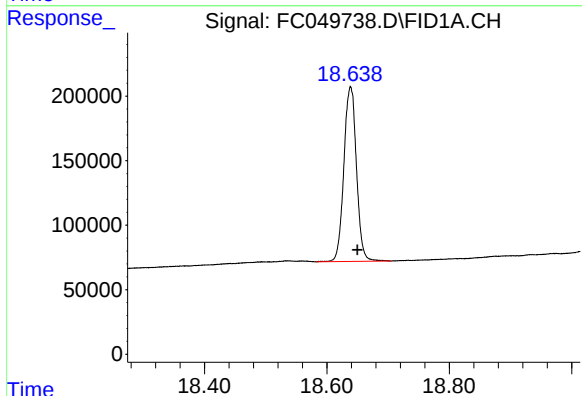
#17 n-Tricontane (C30)

R.T.: 17.808 min  
Delta R.T.: -0.011 min  
Response: 2010818  
Conc: 20.65 ug/ml

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

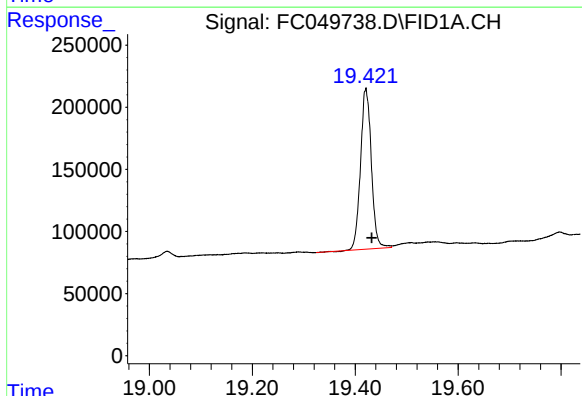
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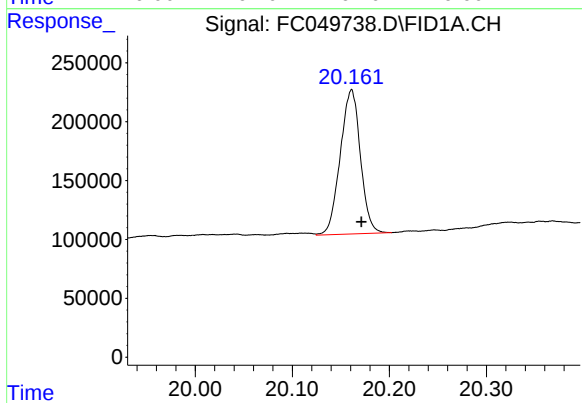
#18 n-Dotriacontane (C32)

R.T.: 18.639 min  
Delta R.T.: -0.011 min  
Response: 1931795  
Conc: 21.38 ug/ml



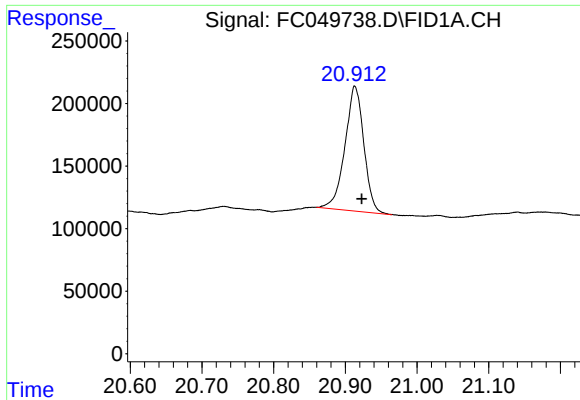
#19 n-Tetratriacontane (C34)

R.T.: 19.421 min  
Delta R.T.: -0.011 min  
Response: 1881141  
Conc: 21.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.161 min  
Delta R.T.: -0.010 min  
Response: 1765421  
Conc: 21.91 ug/ml



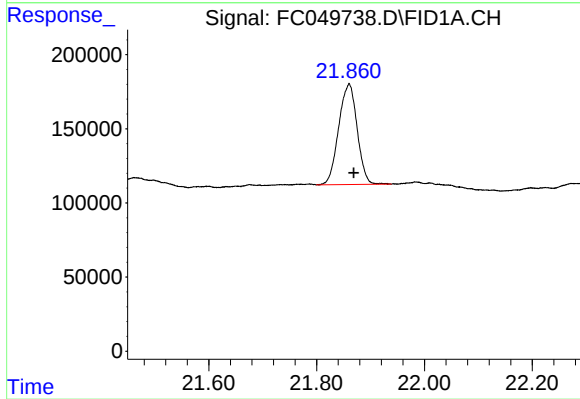
#21 n-Octatriacontane (C38)

R.T.: 20.912 min  
Delta R.T.: -0.011 min  
Response: 1827507  
Conc: 24.14 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.860 min  
Delta R.T.: -0.008 min  
Response: 1612406  
Conc: 20.72 ug/ml