

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101620AL\  
 Data File : FC050199.D  
 Signal(s) : FID1A.CH  
 Acq On : 17 Oct 2020 12:27  
 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: Oct 19 00:38:10 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 100620.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 07 04:53:04 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)    | 11.633 | 2094315    | 18.684 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.37%        |
| 12) S 1-chlorooctadecane (S... | 13.066 | 1619062    | 18.691 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.38%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.376  | 2022224    | 20.406 ug/ml  |
| 2) T n-Decane (C10)            | 4.448  | 2033226    | 20.422 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.043  | 2202463    | 19.983 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.470  | 2040994    | 20.227 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.101  | 2210536    | 19.860 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.267  | 2006500    | 20.029 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.868  | 1949451    | 19.780 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.311 | 1993548    | 19.303 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.620 | 1965481    | 18.889 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.232 | 1938232    | 18.652 ug/ml  |
| 13) T n-Docosane (C22)         | 13.818 | 1915270    | 18.451 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.921 | 1872863    | 18.031 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.941 | 1833189    | 17.790 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.889 | 1815858    | 17.546 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.777 | 1789892    | 17.540 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.608 | 1704652    | 17.744 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.391 | 1636606    | 17.843 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.127 | 1632051    | 18.425 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.877 | 1556966    | 18.882 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.809 | 1570853    | 18.785 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101620AL\  
Data File : FC050199.D  
Signal(s) : FID1A.CH  
Acq On : 17 Oct 2020 12:27  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

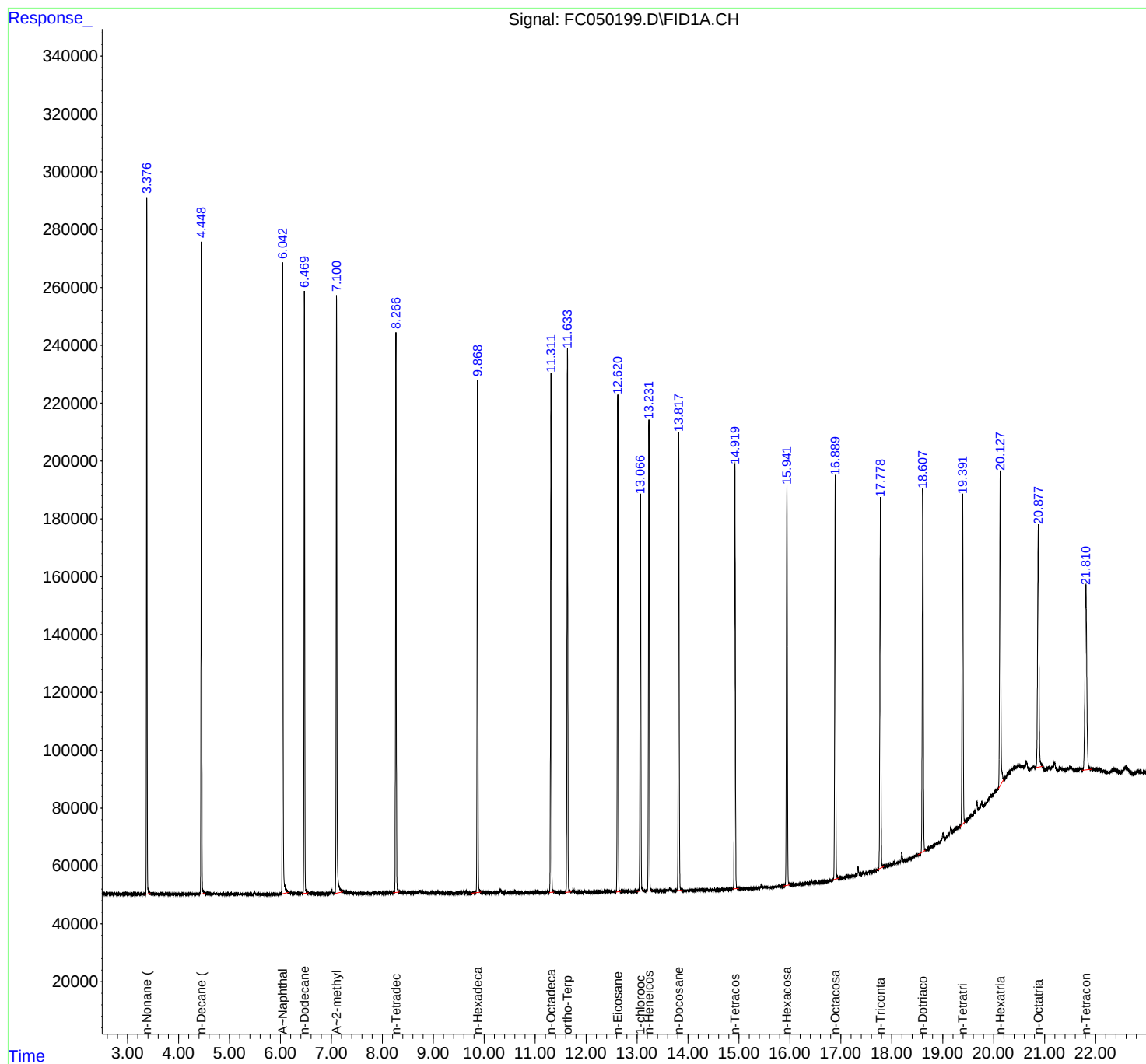
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

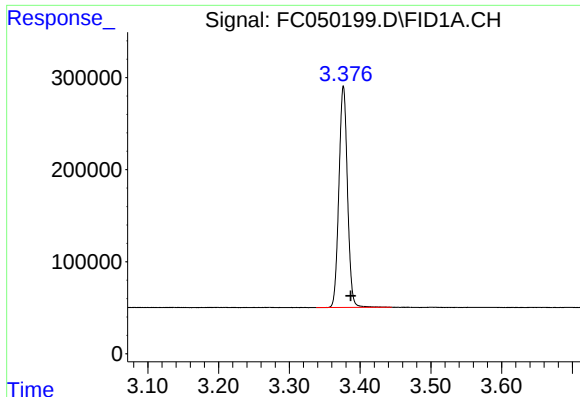
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Integration File: autoint1.e  
Quant Time: Oct 19 00:38:10 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 100620.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 07 04:53:04 2020  
Response via : Initial Calibration  
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





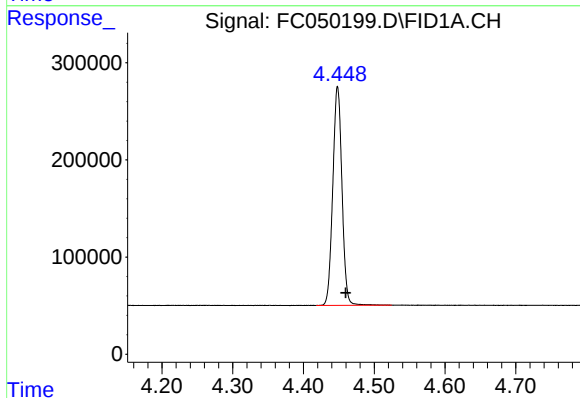
#1 n-Nonane (C9)

R.T.: 3.376 min  
Delta R.T.: -0.011 min  
Response: 2022224  
Conc: 20.41 ug/ml

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

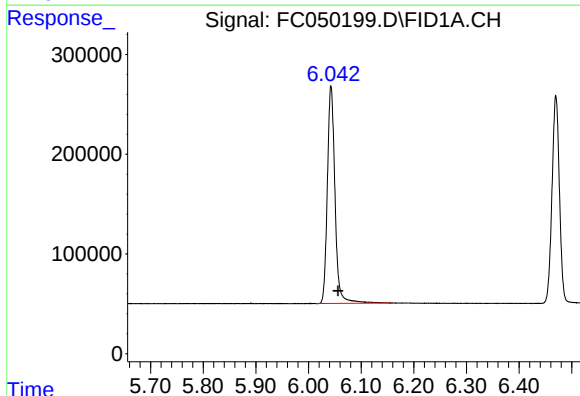
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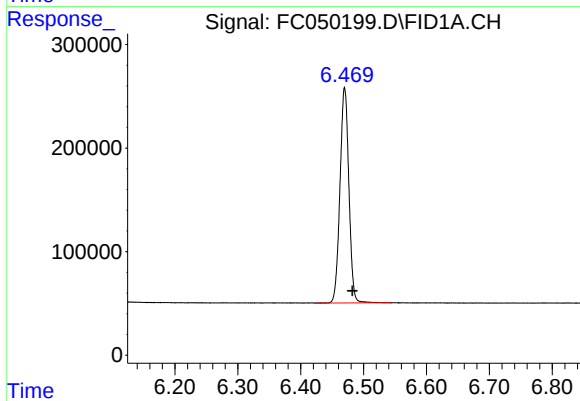
#2 n-Decane (C10)

R.T.: 4.448 min  
Delta R.T.: -0.011 min  
Response: 2033226  
Conc: 20.42 ug/ml



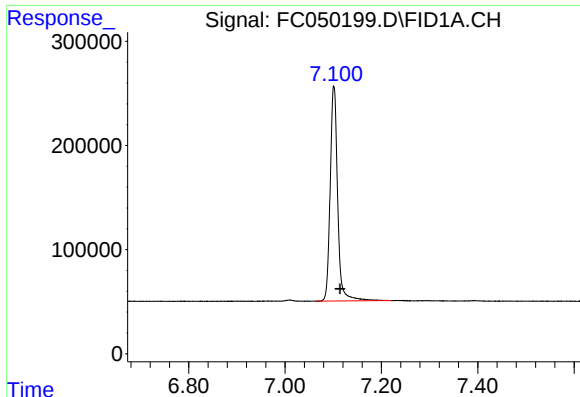
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min  
Delta R.T.: -0.013 min  
Response: 2202463  
Conc: 19.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.470 min  
Delta R.T.: -0.012 min  
Response: 2040994  
Conc: 20.23 ug/ml



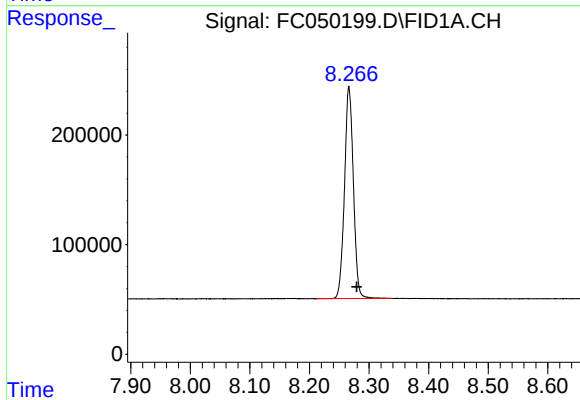
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.101 min  
Delta R.T.: -0.013 min  
Response: 2210536  
Conc: 19.86 ug/ml

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

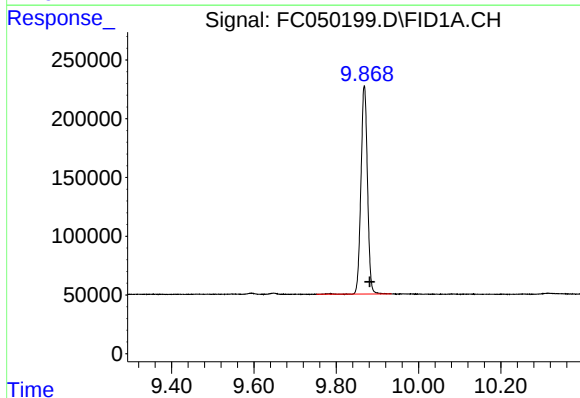
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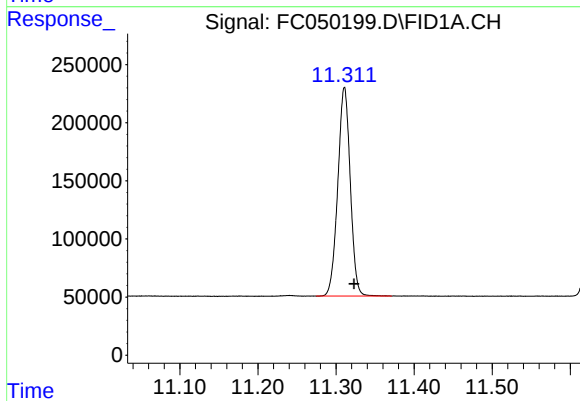
#6 n-Tetradecane (C14)

R.T.: 8.267 min  
Delta R.T.: -0.012 min  
Response: 2006500  
Conc: 20.03 ug/ml



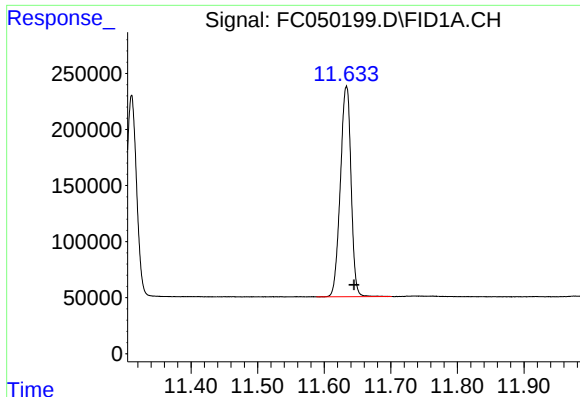
#7 n-Hexadecane (C16)

R.T.: 9.868 min  
Delta R.T.: -0.013 min  
Response: 1949451  
Conc: 19.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.311 min  
Delta R.T.: -0.012 min  
Response: 1993548  
Conc: 19.30 ug/ml



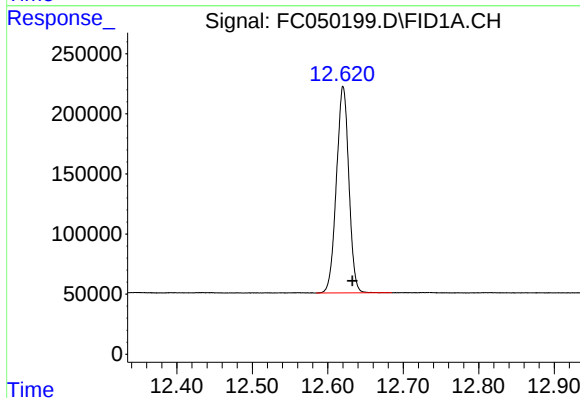
#9 ortho-Terphenyl (SURR)

R.T.: 11.633 min  
Delta R.T.: -0.012 min  
Response: 2094315  
Conc: 18.68 ug/ml

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

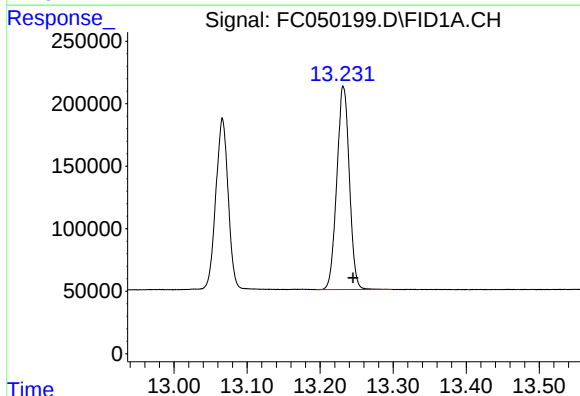
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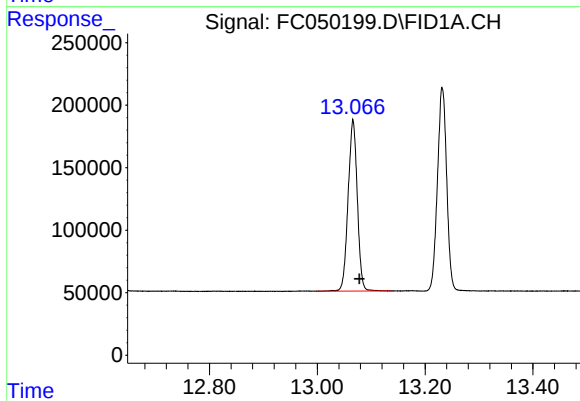
#10 n-Eicosane (C20)

R.T.: 12.620 min  
Delta R.T.: -0.012 min  
Response: 1965481  
Conc: 18.89 ug/ml



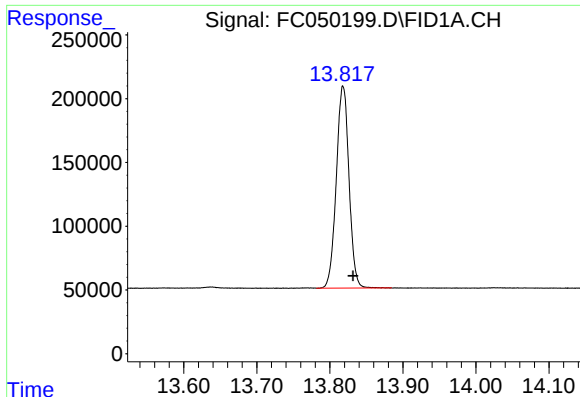
#11 n-Heneicosane (C21)

R.T.: 13.232 min  
Delta R.T.: -0.013 min  
Response: 1938232  
Conc: 18.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.066 min  
Delta R.T.: -0.012 min  
Response: 1619062  
Conc: 18.69 ug/ml



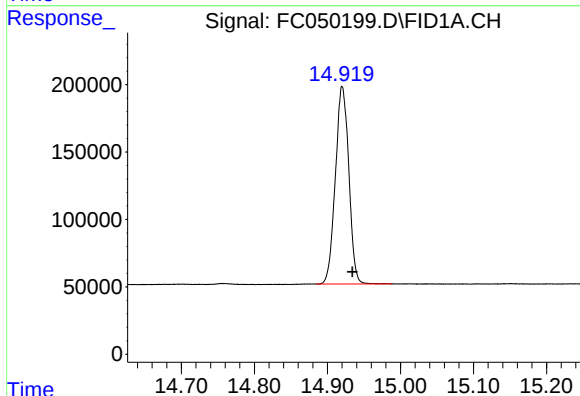
#13 n-Docosane (C22)

R.T.: 13.818 min  
Delta R.T.: -0.014 min  
Response: 1915270  
Conc: 18.45 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

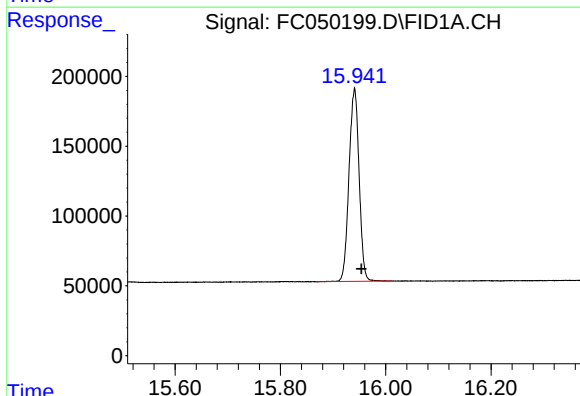
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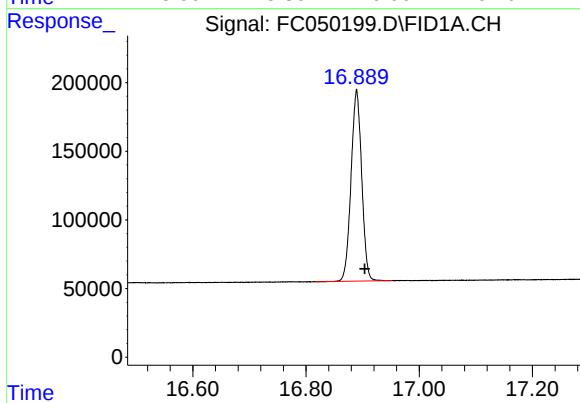
#14 n-Tetracosane (C24)

R.T.: 14.921 min  
Delta R.T.: -0.014 min  
Response: 1872863  
Conc: 18.03 ug/ml



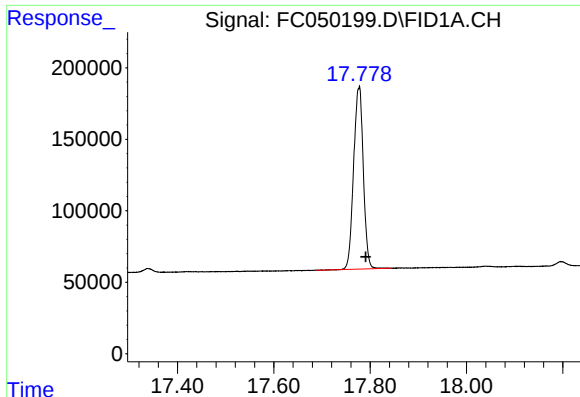
#15 n-Hexacosane (C26)

R.T.: 15.941 min  
Delta R.T.: -0.013 min  
Response: 1833189  
Conc: 17.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.889 min  
Delta R.T.: -0.014 min  
Response: 1815858  
Conc: 17.55 ug/ml



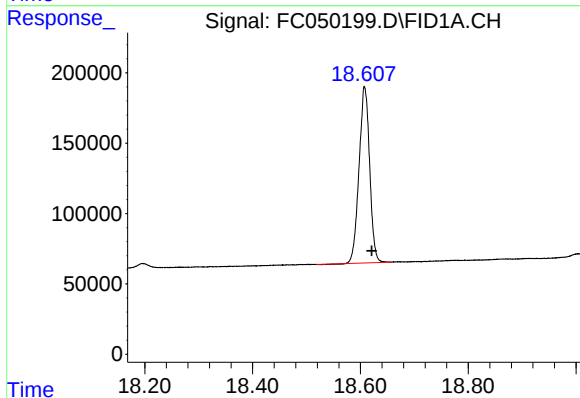
#17 n-Tricontane (C30)

R.T.: 17.777 min  
Delta R.T.: -0.014 min  
Response: 1789892  
Conc: 17.54 ug/ml

Instrument :  
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20 PPM ALIPHATIC HC STD

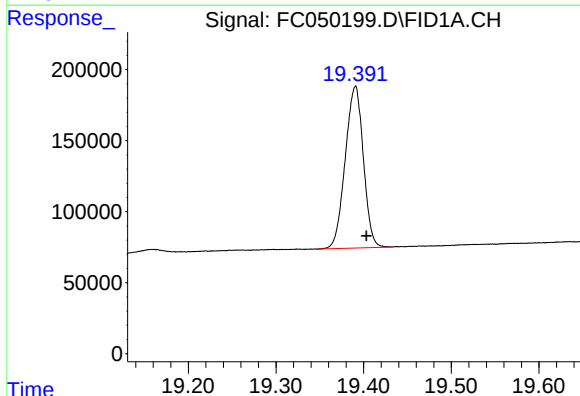
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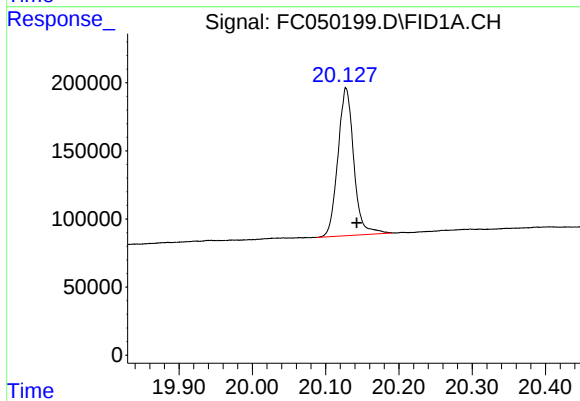
#18 n-Dotriacontane (C32)

R.T.: 18.608 min  
Delta R.T.: -0.013 min  
Response: 1704652  
Conc: 17.74 ug/ml



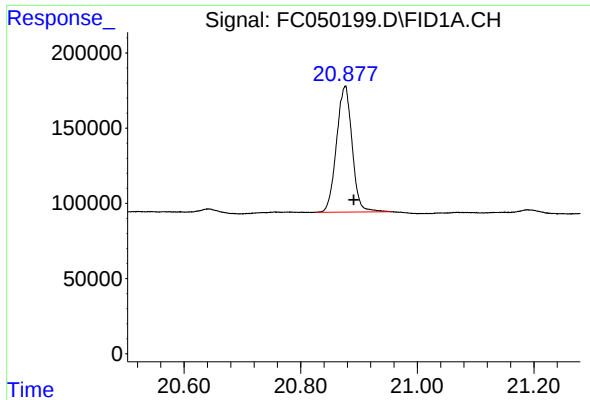
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min  
Delta R.T.: -0.012 min  
Response: 1636606  
Conc: 17.84 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.127 min  
Delta R.T.: -0.015 min  
Response: 1632051  
Conc: 18.43 ug/ml m



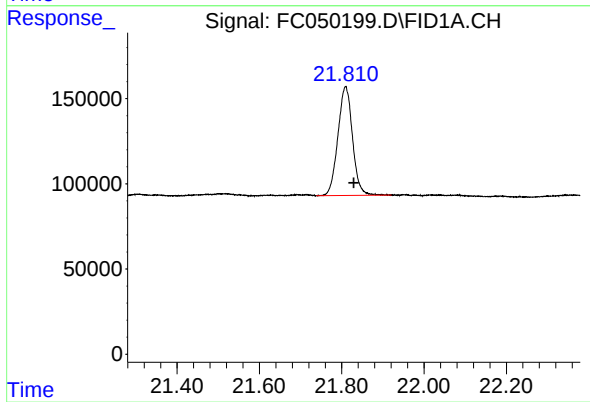
#21 n-Octatriacontane (C38)

R.T.: 20.877 min  
Delta R.T.: -0.014 min  
Response: 1556966  
Conc: 18.88 ug/ml m

Instrument :  
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#22 n-Tetracontane (C40)

R.T.: 21.809 min  
Delta R.T.: -0.020 min  
Response: 1570853  
Conc: 18.79 ug/ml