

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110220AL\  
 Data File : FC050507.D  
 Signal(s) : FID1A.CH  
 Acq On : 02 Nov 2020 23:45  
 Operator : DD\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 5 PPM ALIPHATIC HC STD5

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Nov 03 02:34:00 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 110220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 03 02:27:15 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)    | 11.618 | 624790     | 5.128 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.26%       |
| 12) S 1-chlorooctadecane (S... | 13.052 | 483826     | 5.054 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.11%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.369  | 530470     | 4.995 ug/ml  |
| 2) T n-Decane (C10)            | 4.438  | 527863     | 4.977 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.032  | 560198     | 4.877 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.458  | 537040     | 4.969 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.090  | 525611     | 4.542 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.254  | 532498     | 4.951 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.856  | 525608     | 4.970 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.298 | 564002     | 5.058 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.607 | 579800     | 5.136 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.219 | 578026     | 5.128 ug/ml  |
| 13) T n-Docosane (C22)         | 13.805 | 578428     | 5.139 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.906 | 579351     | 5.142 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.927 | 577937     | 5.167 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.876 | 584187     | 5.218 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.762 | 579824     | 5.270 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.593 | 545791     | 5.334 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.375 | 507997     | 5.286 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.114 | 478440     | 5.327 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.857 | 435339     | 5.224 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.782 | 452695     | 5.436 ug/mlm |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FC050507.D  
Signal(s) : FID1A.CH  
Acq On : 02 Nov 2020 23:45  
Operator : DD\AJ  
Sample : 5 PPM ALIPHATIC HC STD5  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

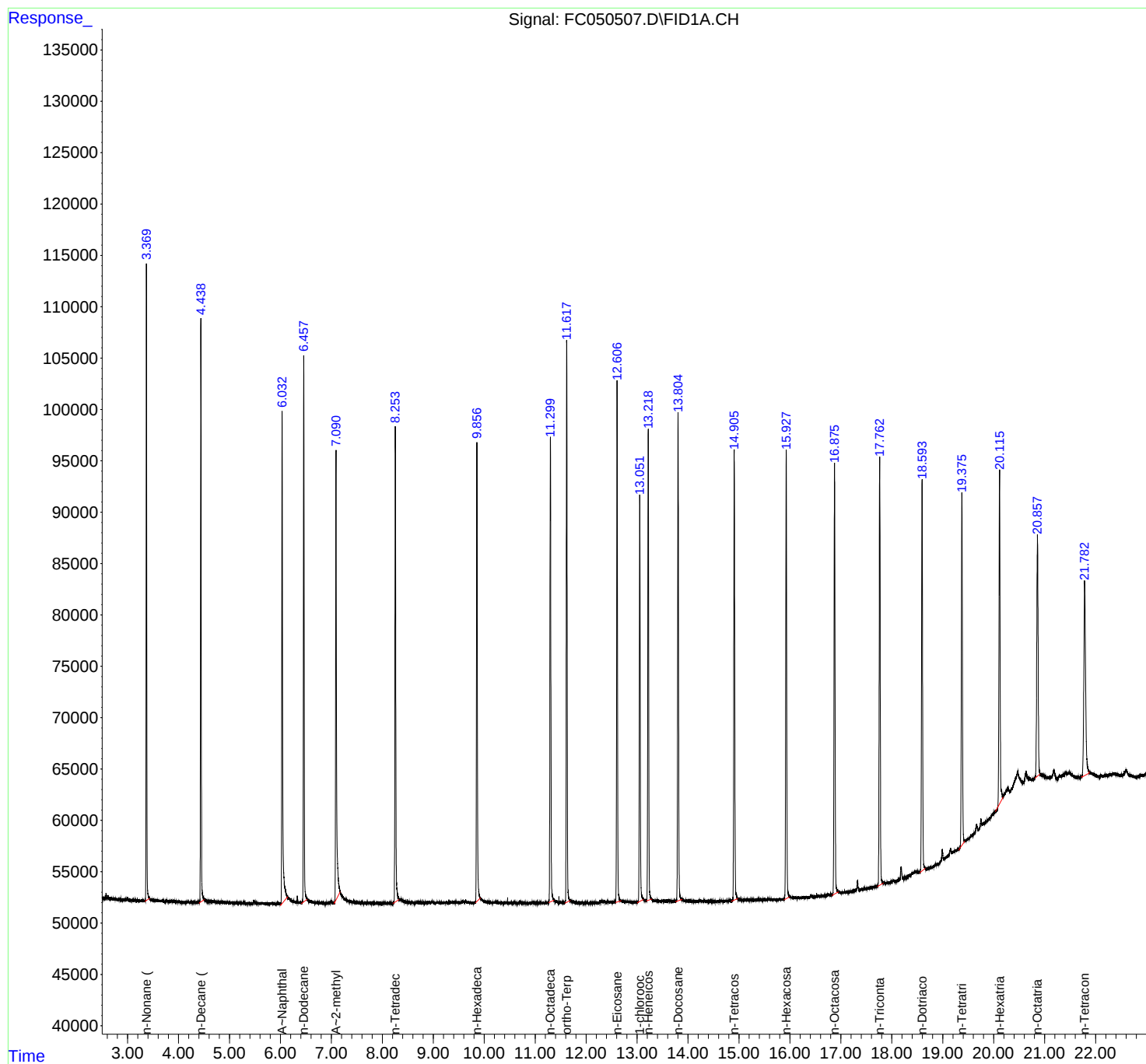
Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

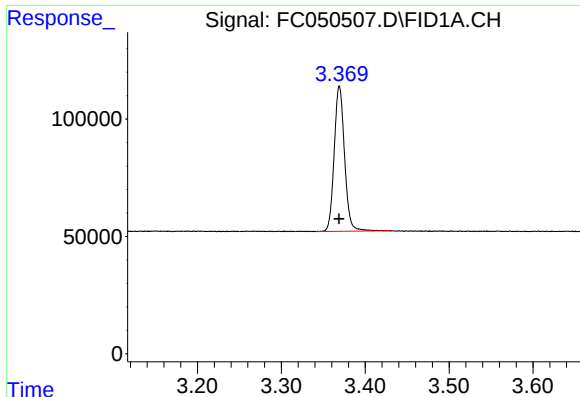
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Integration File: autoint1.e  
Quant Time: Nov 03 02:34:00 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 110220.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 03 02:27:15 2020  
Response via : Initial Calibration  
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





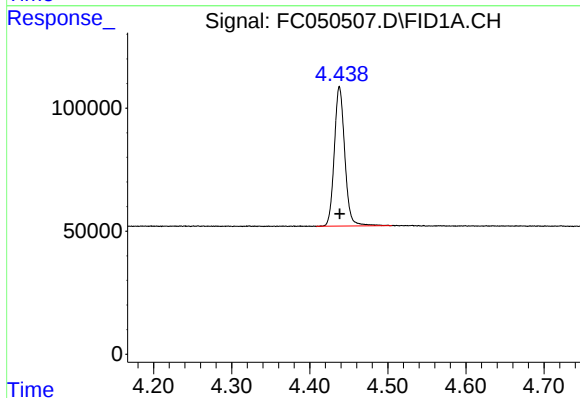
#1 n-Nonane (C9)

R.T.: 3.369 min  
Delta R.T.: 0.000 min  
Response: 530470  
Conc: 4.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

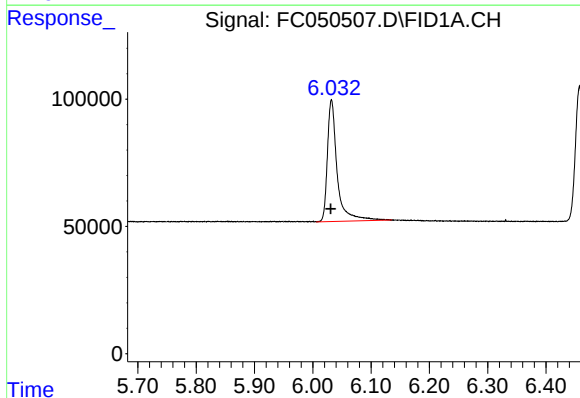
Manual Integrations  
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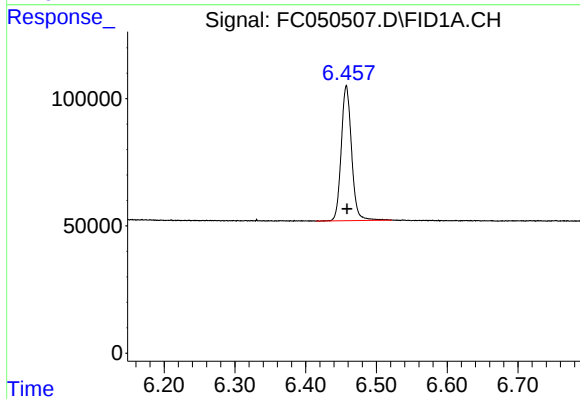
#2 n-Decane (C10)

R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 527863  
Conc: 4.98 ug/ml



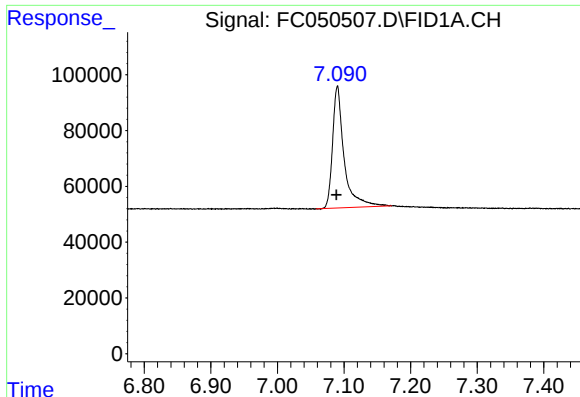
#3 A~Naphthalene (C11.7)

R.T.: 6.032 min  
Delta R.T.: 0.000 min  
Response: 560198  
Conc: 4.88 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.458 min  
Delta R.T.: 0.000 min  
Response: 537040  
Conc: 4.97 ug/ml



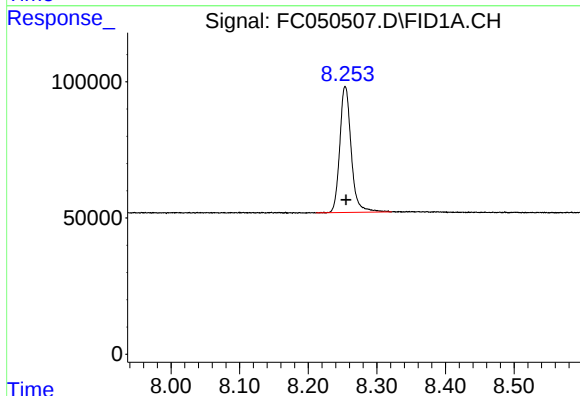
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.090 min  
Delta R.T.: 0.002 min  
Response: 525611  
Conc: 4.54 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

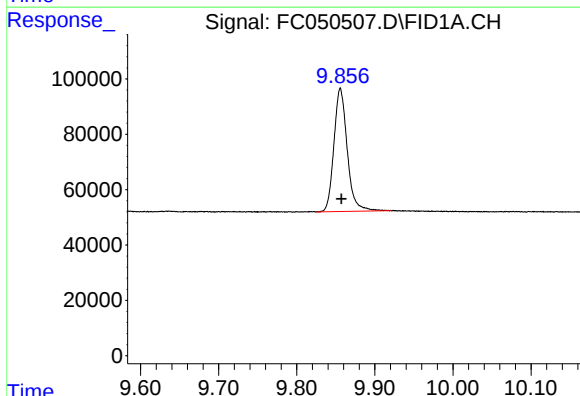
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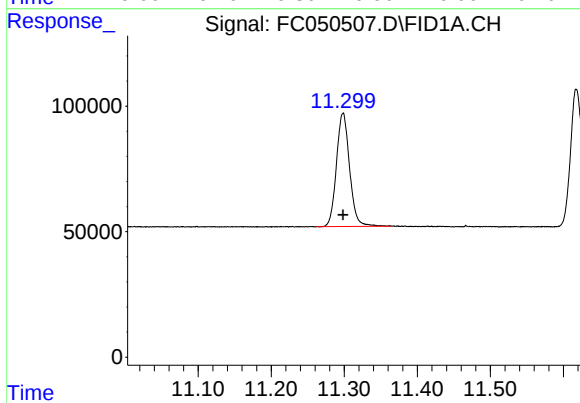
#6 n-Tetradecane (C14)

R.T.: 8.254 min  
Delta R.T.: 0.000 min  
Response: 532498  
Conc: 4.95 ug/ml



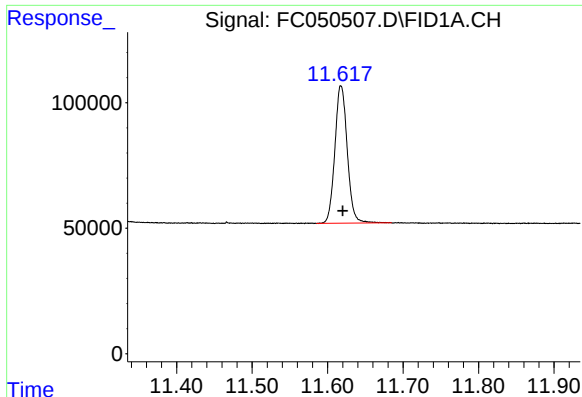
#7 n-Hexadecane (C16)

R.T.: 9.856 min  
Delta R.T.: -0.001 min  
Response: 525608  
Conc: 4.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.298 min  
Delta R.T.: 0.000 min  
Response: 564002  
Conc: 5.06 ug/ml



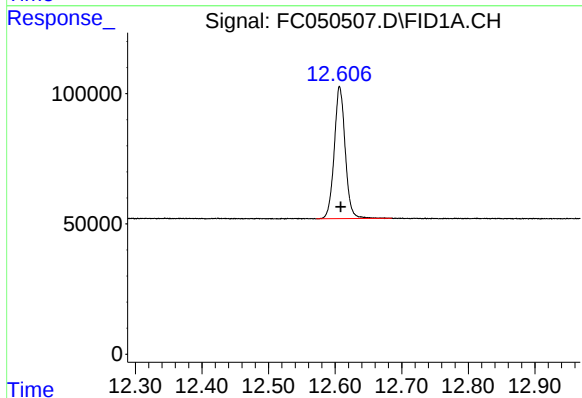
#9 ortho-Terphenyl (SURR)

R.T.: 11.618 min  
Delta R.T.: -0.002 min  
Response: 624790  
Conc: 5.13 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

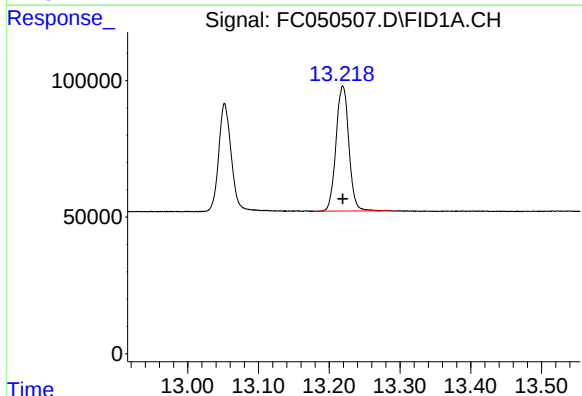
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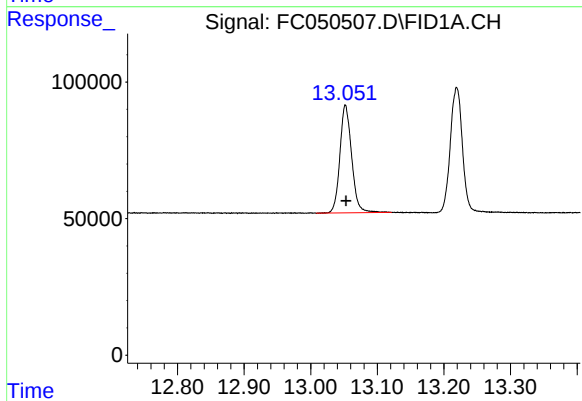
#10 n-Eicosane (C20)

R.T.: 12.607 min  
Delta R.T.: -0.001 min  
Response: 579800  
Conc: 5.14 ug/ml



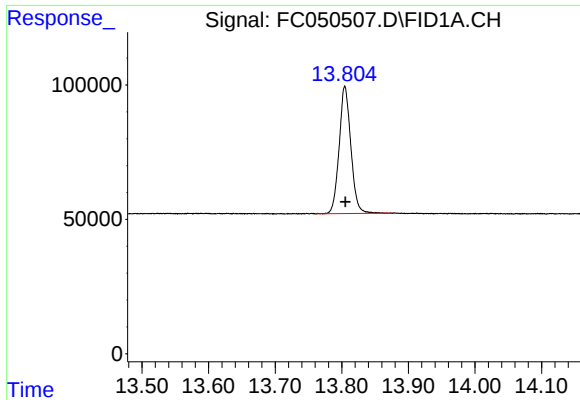
#11 n-Heneicosane (C21)

R.T.: 13.219 min  
Delta R.T.: 0.000 min  
Response: 578026  
Conc: 5.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min  
Delta R.T.: 0.000 min  
Response: 483826  
Conc: 5.05 ug/ml



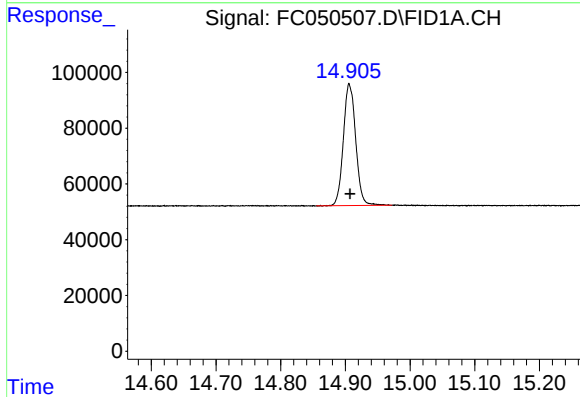
#13 n-Docosane (C22)

R.T.: 13.805 min  
Delta R.T.: 0.000 min  
Response: 578428  
Conc: 5.14 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

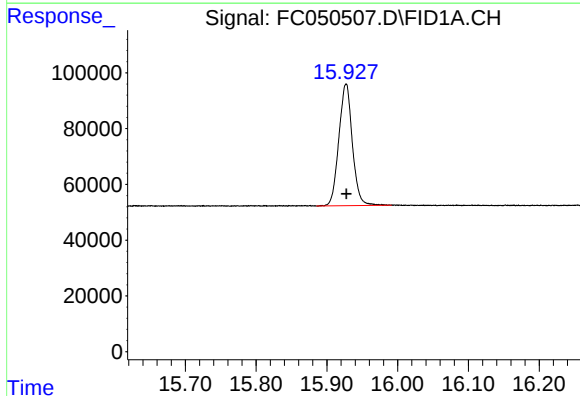
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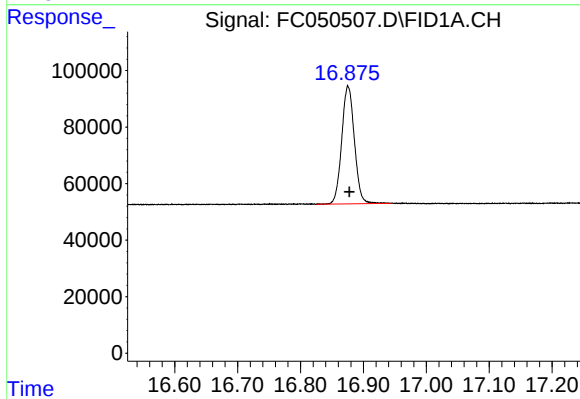
#14 n-Tetracosane (C24)

R.T.: 14.906 min  
Delta R.T.: -0.001 min  
Response: 579351  
Conc: 5.14 ug/ml



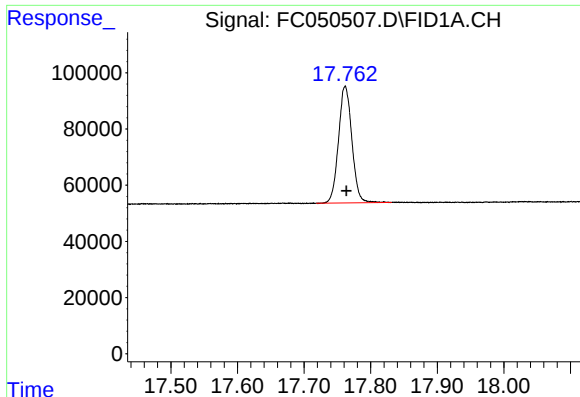
#15 n-Hexacosane (C26)

R.T.: 15.927 min  
Delta R.T.: 0.000 min  
Response: 577937  
Conc: 5.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.876 min  
Delta R.T.: -0.002 min  
Response: 584187  
Conc: 5.22 ug/ml



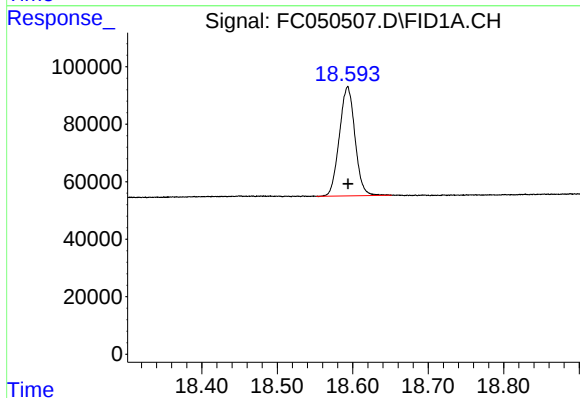
#17 n-Tricontane (C30)

R.T.: 17.762 min  
Delta R.T.: -0.002 min  
Response: 579824  
Conc: 5.27 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

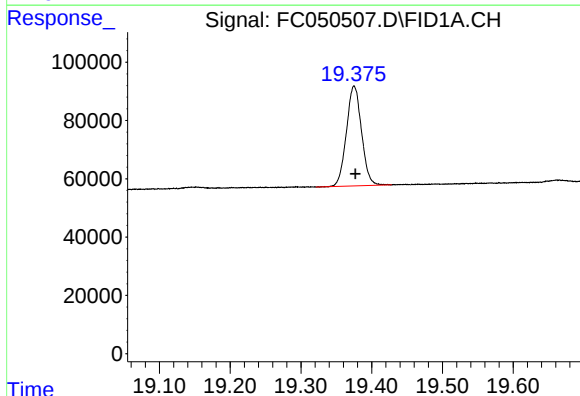
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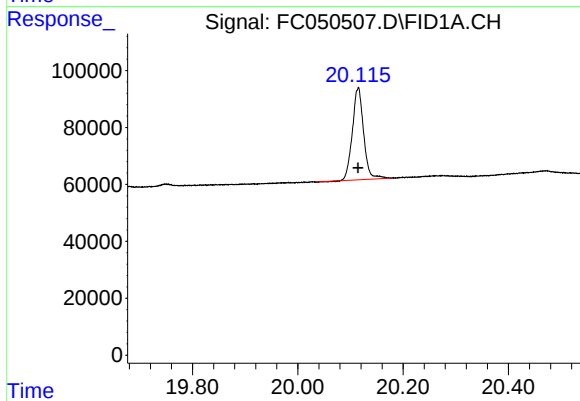
#18 n-Dotriacontane (C32)

R.T.: 18.593 min  
Delta R.T.: 0.000 min  
Response: 545791  
Conc: 5.33 ug/ml



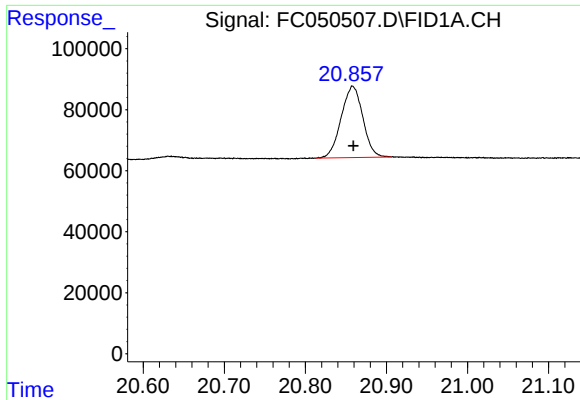
#19 n-Tetratriacontane (C34)

R.T.: 19.375 min  
Delta R.T.: -0.002 min  
Response: 507997  
Conc: 5.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.114 min  
Delta R.T.: 0.000 min  
Response: 478440  
Conc: 5.33 ug/ml



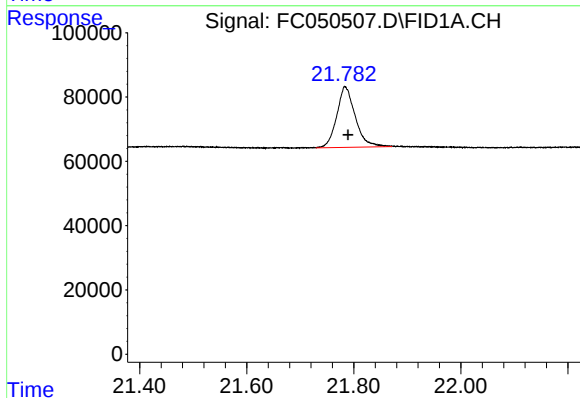
#21 n-Octatriacontane (C38)

R.T.: 20.857 min  
Delta R.T.: -0.002 min  
Response: 435339  
Conc: 5.22 ug/ml m

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

Manual Integrations  
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#22 n-Tetracontane (C40)

R.T.: 21.782 min  
Delta R.T.: -0.007 min  
Response: 452695  
Conc: 5.44 ug/ml m