

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030321AL\  
 Data File : FC052195.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Mar 2021 1:27  
 Operator : DD\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Mar 04 03:55:04 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 030321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 04 01:22:11 2021  
 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)    | 11.615 | 664618     | 5.050 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.10%      |
| 12) S 1-chlorooctadecane (S... | 13.054 | 517877     | 4.975 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 9.95%       |
|                                |        |            |             |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.357  | 594014     | 5.049 ug/ml |
| 2) T n-Decane (C10)            | 4.425  | 595861     | 5.021 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.017  | 665862     | 5.019 ug/ml |
| 4) T n-Dodecane (C12)          | 6.449  | 607896     | 5.036 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.075  | 682362     | 5.034 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.249  | 611845     | 5.058 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.852  | 603848     | 5.059 ug/ml |
| 8) T n-Octadecane (C18)        | 11.297 | 622003     | 5.031 ug/ml |
| 10) T n-Eicosane (C20)         | 12.609 | 617862     | 5.018 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.222 | 612200     | 5.019 ug/ml |
| 13) T n-Docosane (C22)         | 13.809 | 595549     | 4.937 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.914 | 574276     | 4.908 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.936 | 537693     | 4.869 ug/ml |
| 16) T n-Octacosane (C28)       | 16.886 | 501074     | 4.861 ug/ml |
| 17) T n-Tricontane (C30)       | 17.775 | 458956     | 4.845 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.607 | 429016     | 5.031 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.392 | 381038     | 4.894 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.131 | 352013     | 4.874 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.877 | 340685     | 4.967 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.802 | 356092     | 4.940 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

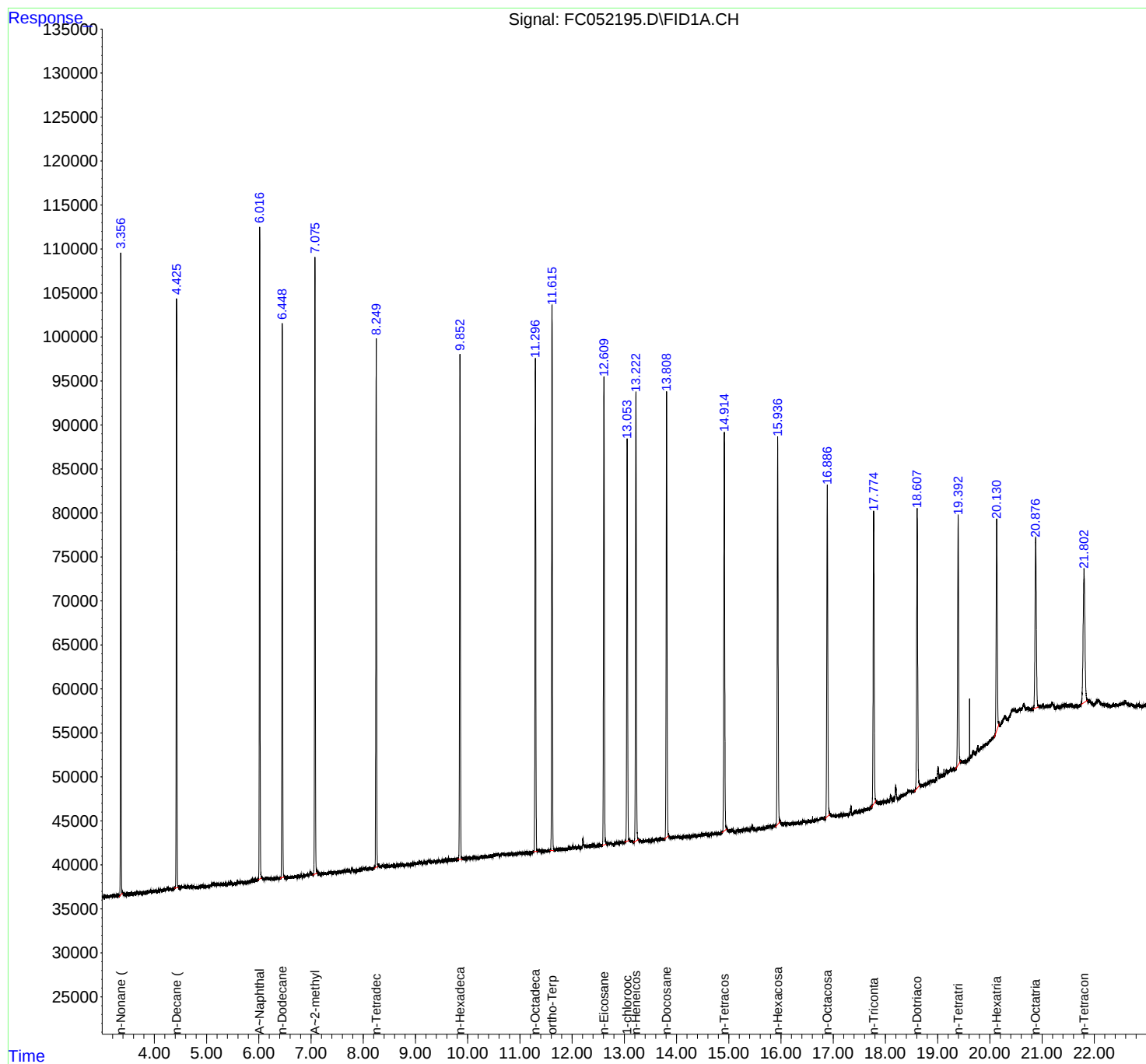
(m)=manual int.

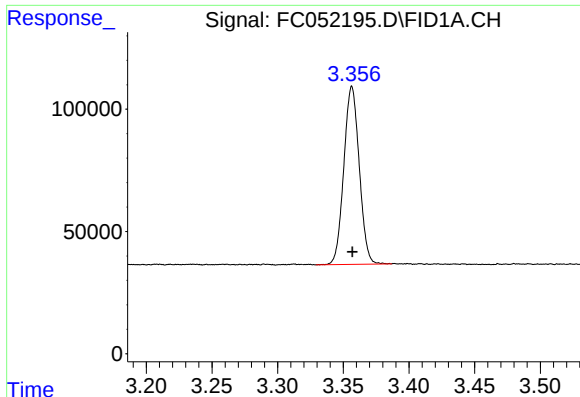
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030321AL\  
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Signal(s) : FID1A.CH  
Acq On : 04 Mar 2021 1:27  
Operator : DD\AJ  
Sample : 5 PPM ALIPHATIC HC STD5  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

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5 PPM ALIPHATIC HC STD5

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QLast Update : Thu Mar 04 01:22:11 2021  
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

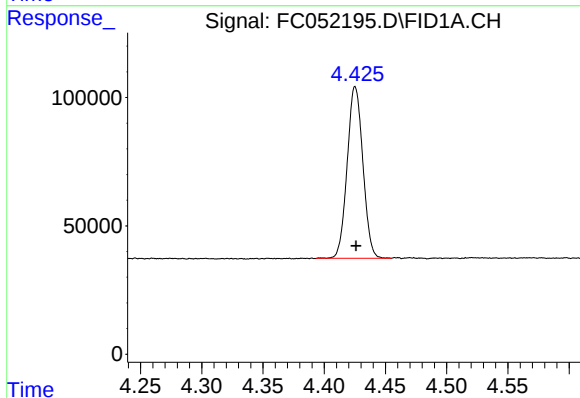




#1 n-Nonane (C9)

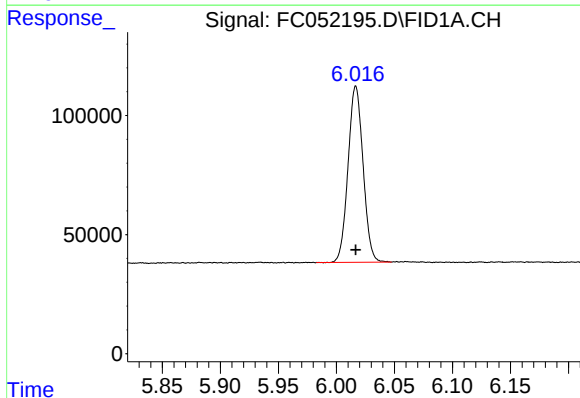
R.T.: 3.357 min  
Delta R.T.: 0.000 min  
Response: 594014  
Conc: 5.05 ug/ml

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



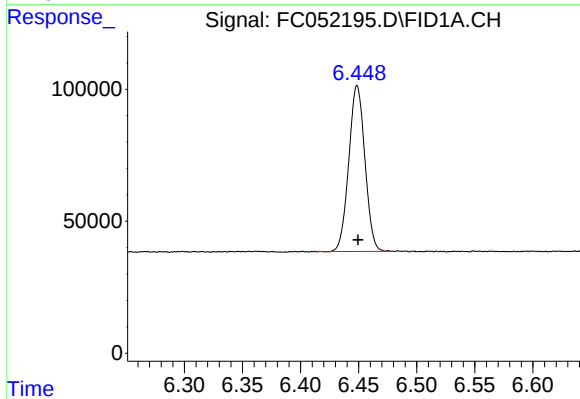
#2 n-Decane (C10)

R.T.: 4.425 min  
Delta R.T.: 0.000 min  
Response: 595861  
Conc: 5.02 ug/ml



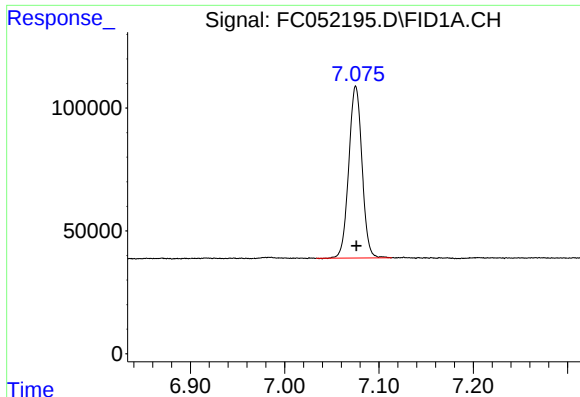
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min  
Delta R.T.: 0.000 min  
Response: 665862  
Conc: 5.02 ug/ml



#4 n-Dodecane (C12)

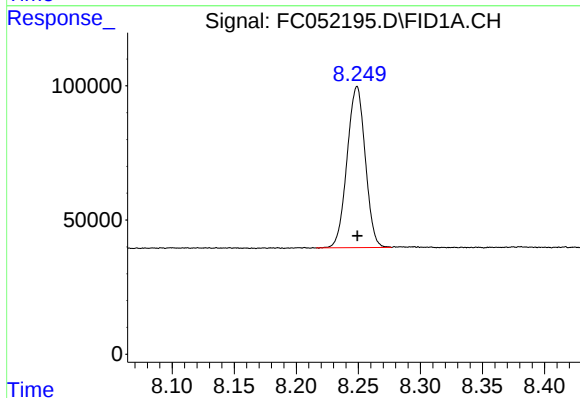
R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 607896  
Conc: 5.04 ug/ml



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

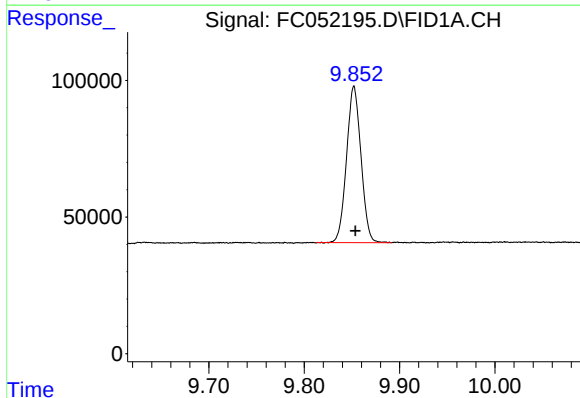
R.T.: 7.075 min  
Delta R.T.: 0.000 min  
Response: 682362  
Conc: 5.03 ug/ml

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



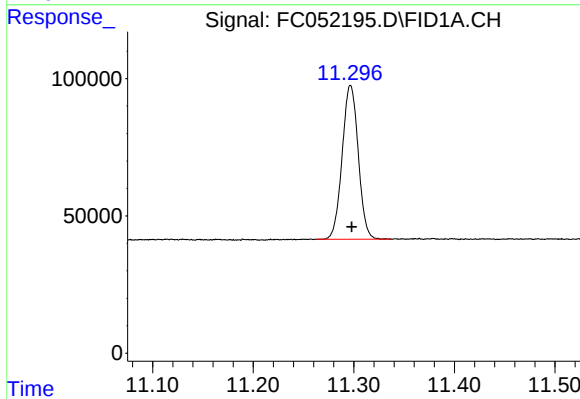
#6 n-Tetradecane (C14)

R.T.: 8.249 min  
Delta R.T.: 0.000 min  
Response: 611845  
Conc: 5.06 ug/ml



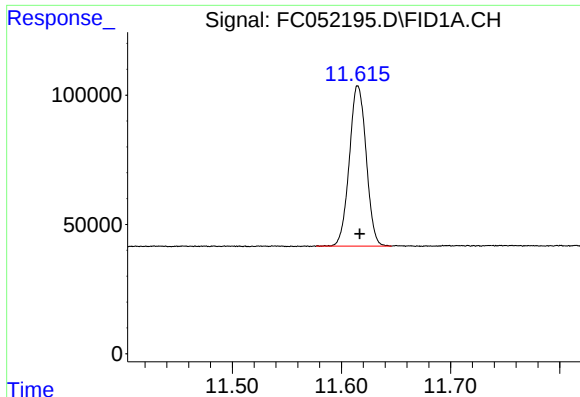
#7 n-Hexadecane (C16)

R.T.: 9.852 min  
Delta R.T.: -0.002 min  
Response: 603848  
Conc: 5.06 ug/ml



#8 n-Octadecane (C18)

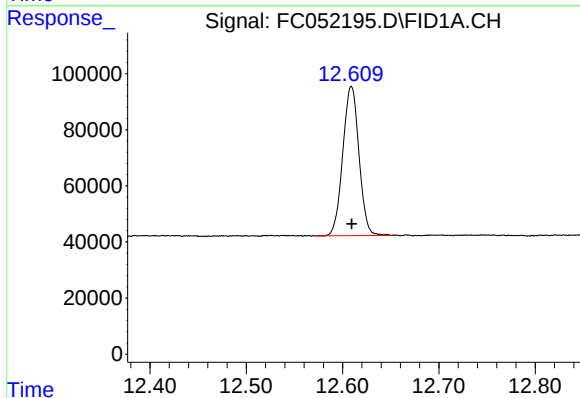
R.T.: 11.297 min  
Delta R.T.: -0.001 min  
Response: 622003  
Conc: 5.03 ug/ml



#9 ortho-Terphenyl (SURR)

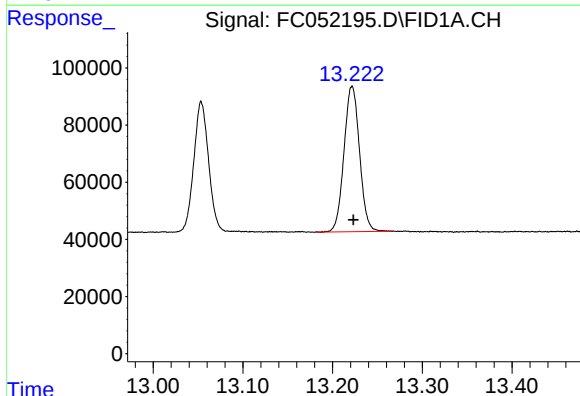
R.T.: 11.615 min  
Delta R.T.: -0.002 min  
Response: 664618  
Conc: 5.05 ug/ml

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



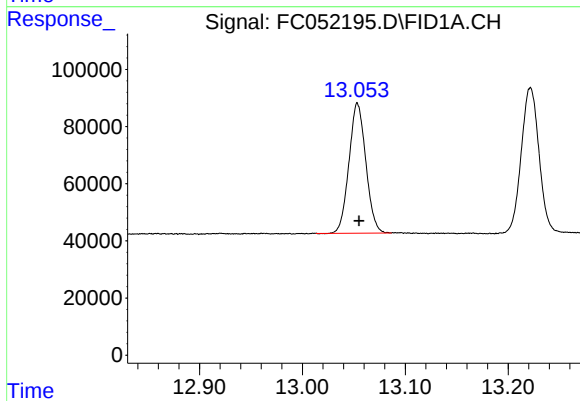
#10 n-Eicosane (C20)

R.T.: 12.609 min  
Delta R.T.: 0.000 min  
Response: 617862  
Conc: 5.02 ug/ml



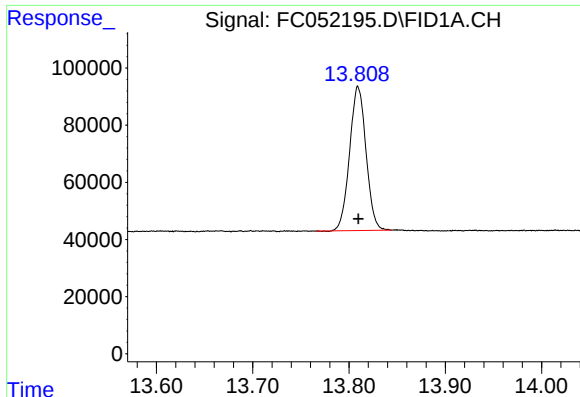
#11 n-Heneicosane (C21)

R.T.: 13.222 min  
Delta R.T.: -0.002 min  
Response: 612200  
Conc: 5.02 ug/ml



#12 1-chlorooctadecane (SURR)

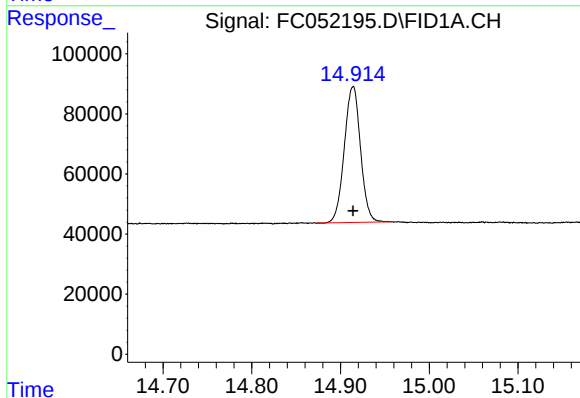
R.T.: 13.054 min  
Delta R.T.: -0.001 min  
Response: 517877  
Conc: 4.97 ug/ml



#13 n-Docosane (C22)

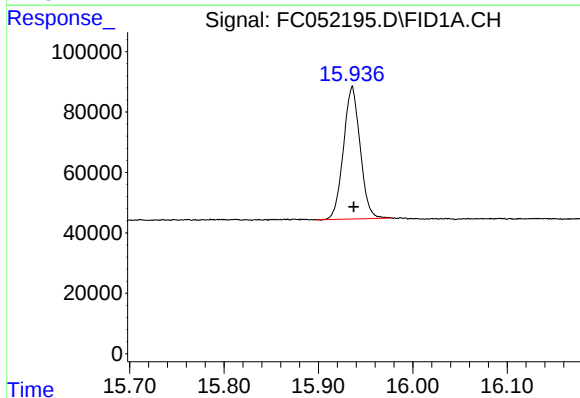
R.T.: 13.809 min  
Delta R.T.: 0.000 min  
Response: 595549  
Conc: 4.94 ug/ml

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



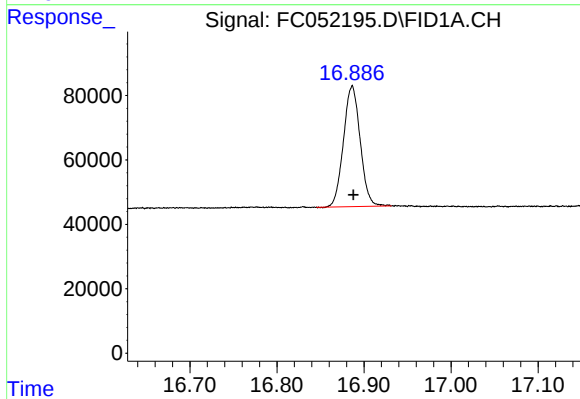
#14 n-Tetracosane (C24)

R.T.: 14.914 min  
Delta R.T.: 0.000 min  
Response: 574276  
Conc: 4.91 ug/ml



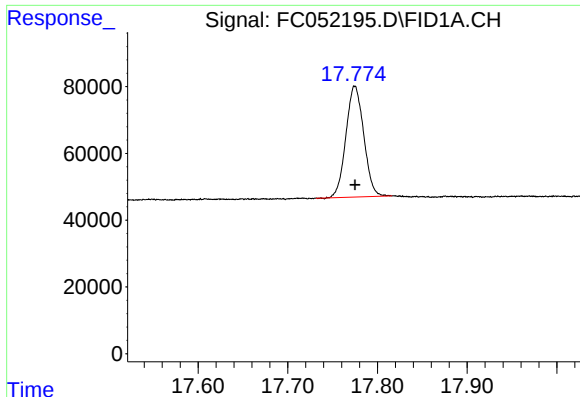
#15 n-Hexacosane (C26)

R.T.: 15.936 min  
Delta R.T.: -0.002 min  
Response: 537693  
Conc: 4.87 ug/ml



#16 n-Octacosane (C28)

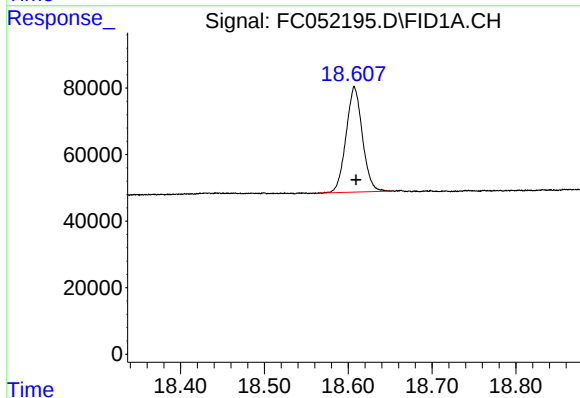
R.T.: 16.886 min  
Delta R.T.: -0.002 min  
Response: 501074  
Conc: 4.86 ug/ml



#17 n-Tricontane (C30)

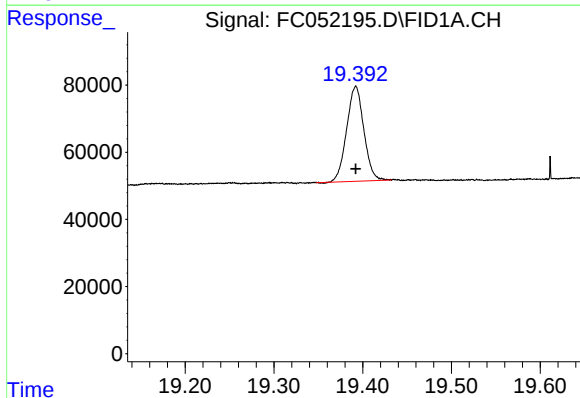
R.T.: 17.775 min  
Delta R.T.: 0.000 min  
Response: 458956  
Conc: 4.85 ug/ml

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



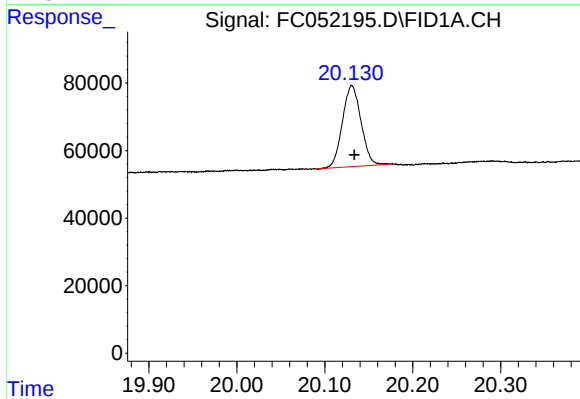
#18 n-Dotriacontane (C32)

R.T.: 18.607 min  
Delta R.T.: -0.002 min  
Response: 429016  
Conc: 5.03 ug/ml



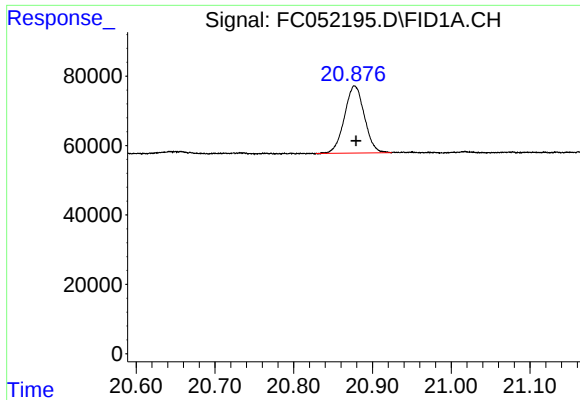
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min  
Delta R.T.: 0.000 min  
Response: 381038  
Conc: 4.89 ug/ml



#20 n-Hexatriacontane (C36)

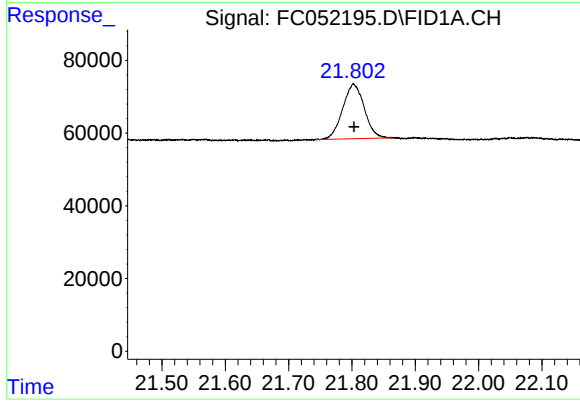
R.T.: 20.131 min  
Delta R.T.: -0.003 min  
Response: 352013  
Conc: 4.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.877 min  
Delta R.T.: -0.002 min  
Response: 340685  
Conc: 4.97 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.802 min  
Delta R.T.: -0.001 min  
Response: 356092  
Conc: 4.94 ug/ml