

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121420AL\  
 Data File : FC051286.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Dec 2020 16:20  
 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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 12/15/2020 1:07:49 PM

Integration File: autoint1.e  
 Quant Time: Dec 15 02:47:37 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)    | 11.581 | 2206713    | 17.934 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.87%        |
| 12) S 1-chlorooctadecane (S... | 13.015 | 1703427    | 17.462 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.92%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.337  | 2165641    | 20.350 ug/ml  |
| 2) T n-Decane (C10)            | 4.405  | 2187634    | 20.598 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.997  | 2280058    | 20.281 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.423  | 2229171    | 20.488 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.054  | 2238864    | 19.810 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.219  | 2182624    | 20.172 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.819  | 2113677    | 19.696 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.261 | 2145331    | 18.809 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.569 | 2087484    | 17.969 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.181 | 2043578    | 17.638 ug/ml  |
| 13) T n-Docosane (C22)         | 13.767 | 2028593    | 17.515 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.869 | 1974050    | 17.164 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.890 | 1949640    | 17.315 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.838 | 1980460    | 17.886 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.725 | 2021278    | 19.028 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.556 | 1958863    | 20.048 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.339 | 1830456    | 20.509 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.077 | 1753656    | 21.026 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.813 | 1649599    | 21.183 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.730 | 1544088    | 18.649 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH  
Acq On : 14 Dec 2020 16:20  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

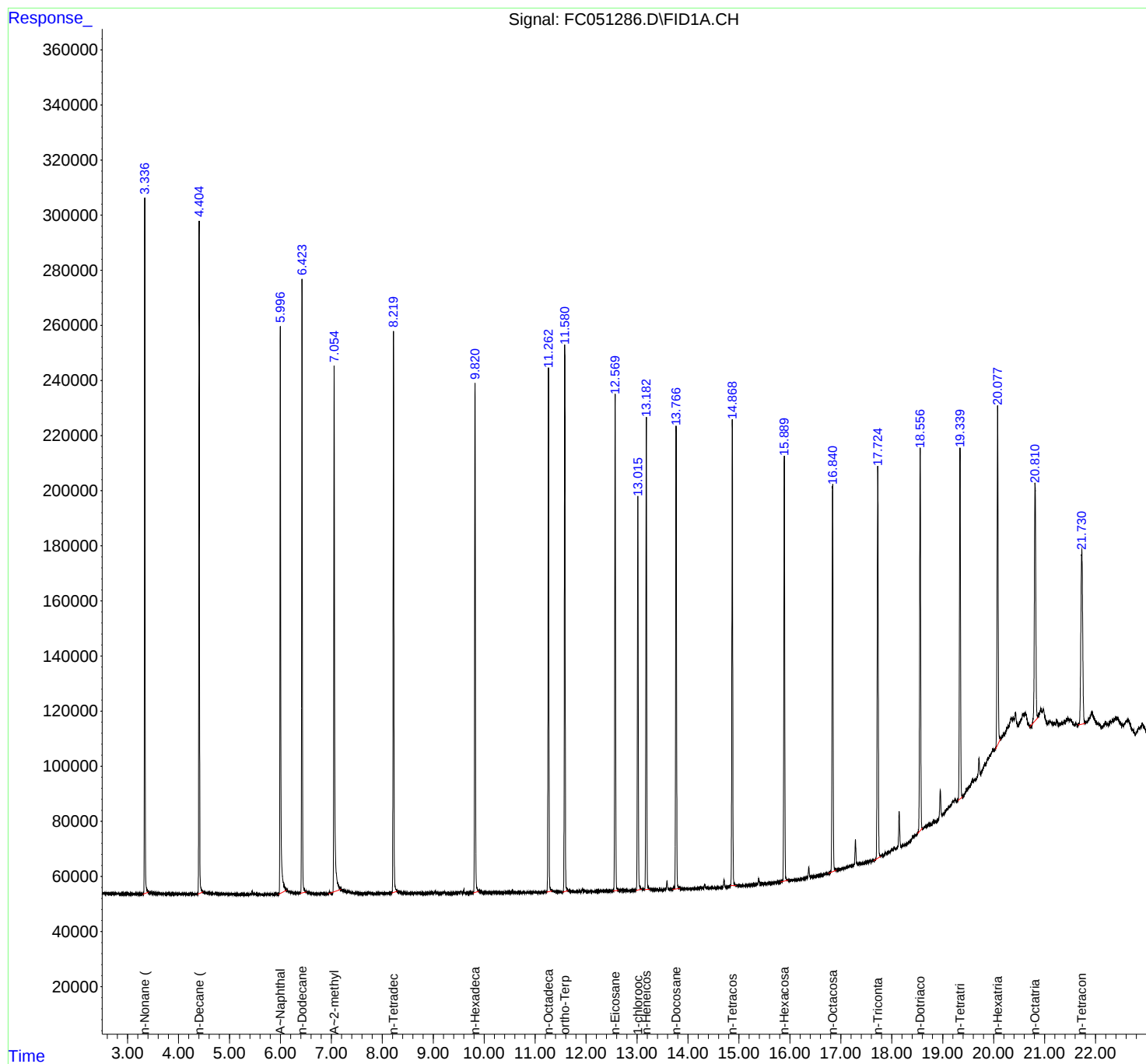
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

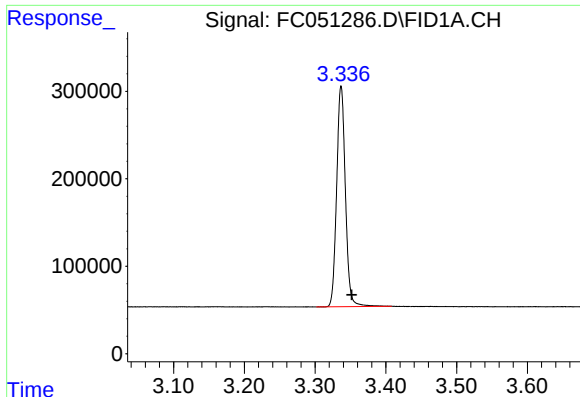
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Integration File: autoint1.e  
Quant Time: Dec 15 02:47:37 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 112720.M  
Quant Title : GC Extractables  
QLast Update : Mon Nov 30 10:42:25 2020  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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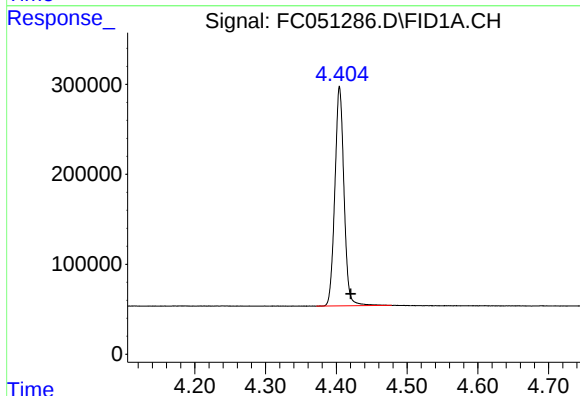
#1 n-Nonane (C9)

R.T.: 3.337 min  
Delta R.T.: -0.015 min  
Response: 2165641  
Conc: 20.35 ug/ml

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

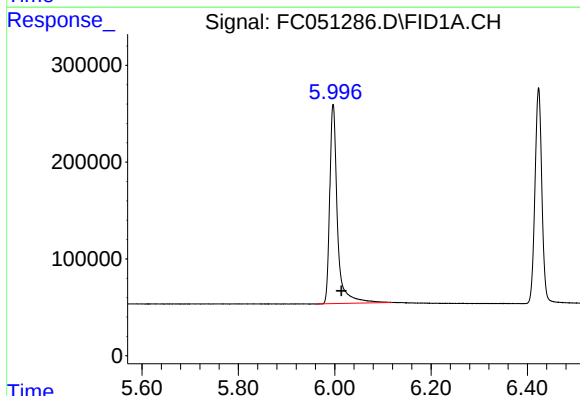
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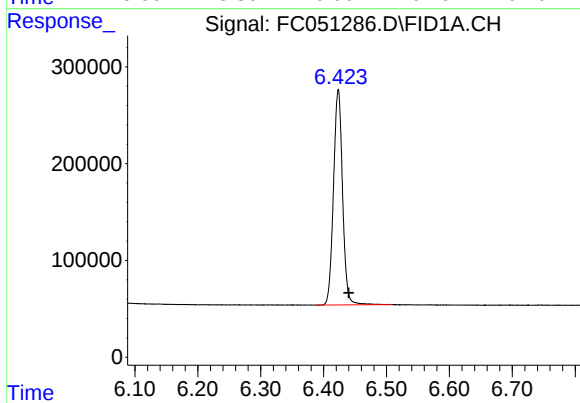
#2 n-Decane (C10)

R.T.: 4.405 min  
Delta R.T.: -0.016 min  
Response: 2187634  
Conc: 20.60 ug/ml



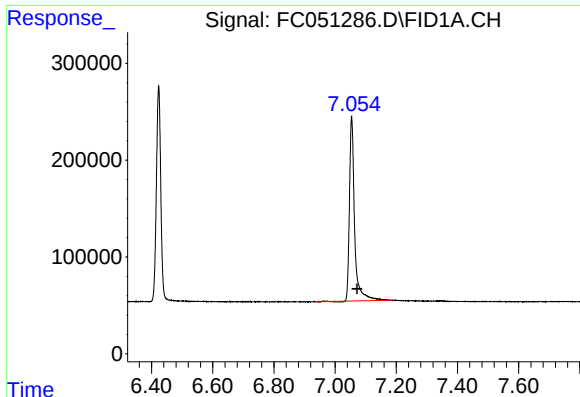
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min  
Delta R.T.: -0.017 min  
Response: 2280058  
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.423 min  
Delta R.T.: -0.017 min  
Response: 2229171  
Conc: 20.49 ug/ml



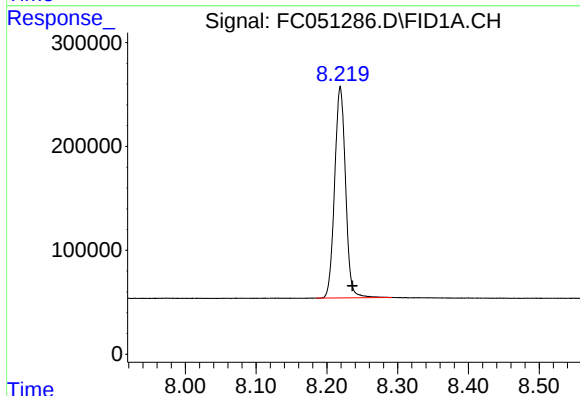
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.054 min  
Delta R.T.: -0.017 min  
Response: 2238864  
Conc: 19.81 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

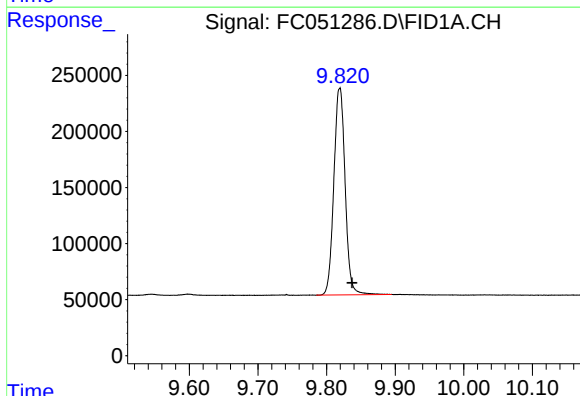
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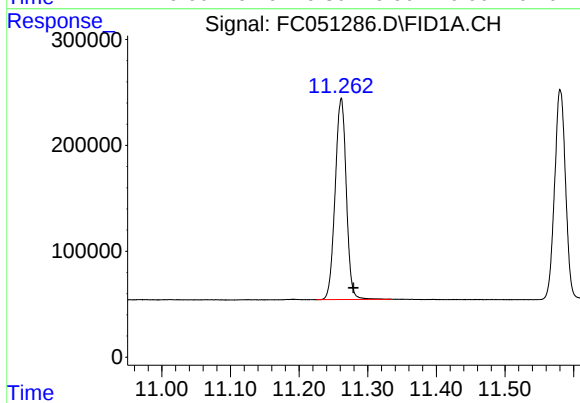
#6 n-Tetradecane (C14)

R.T.: 8.219 min  
Delta R.T.: -0.017 min  
Response: 2182624  
Conc: 20.17 ug/ml



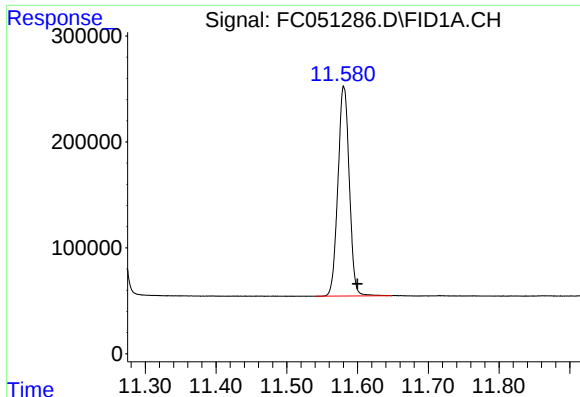
#7 n-Hexadecane (C16)

R.T.: 9.819 min  
Delta R.T.: -0.018 min  
Response: 2113677  
Conc: 19.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.261 min  
Delta R.T.: -0.018 min  
Response: 2145331  
Conc: 18.81 ug/ml



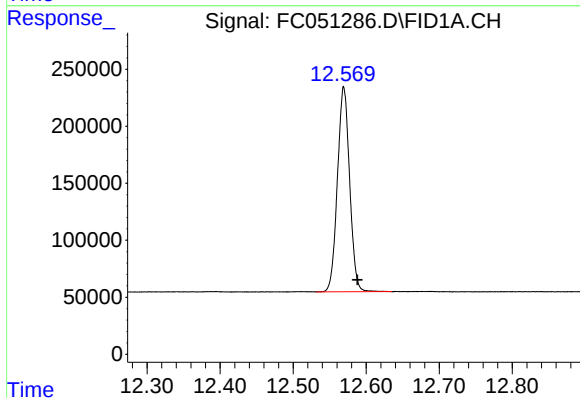
#9 ortho-Terphenyl (SURR)

R.T.: 11.581 min  
Delta R.T.: -0.019 min  
Response: 2206713  
Conc: 17.93 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

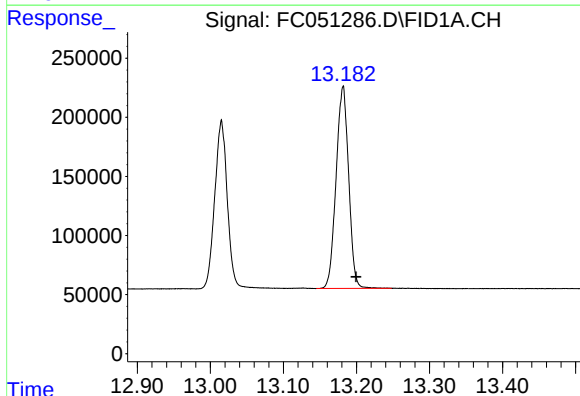
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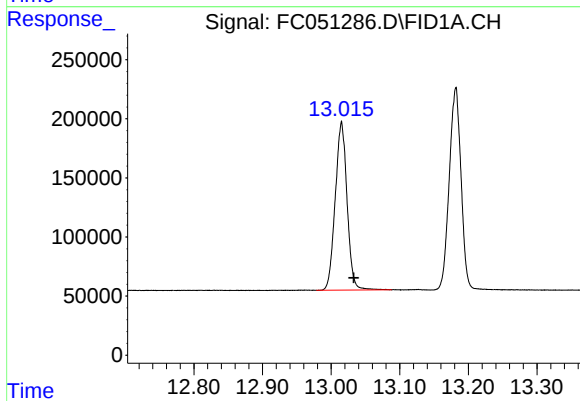
#10 n-Eicosane (C20)

R.T.: 12.569 min  
Delta R.T.: -0.019 min  
Response: 2087484  
Conc: 17.97 ug/ml



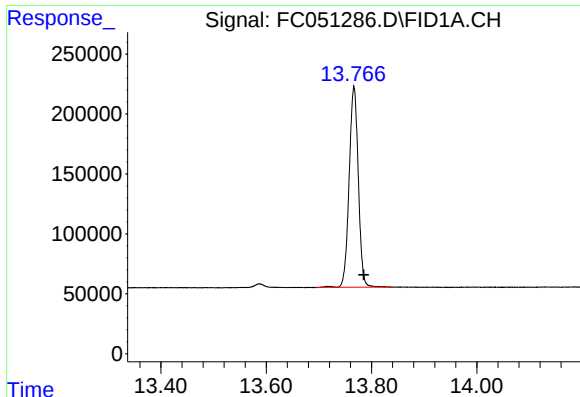
#11 n-Heneicosane (C21)

R.T.: 13.181 min  
Delta R.T.: -0.018 min  
Response: 2043578  
Conc: 17.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min  
Delta R.T.: -0.018 min  
Response: 1703427  
Conc: 17.46 ug/ml



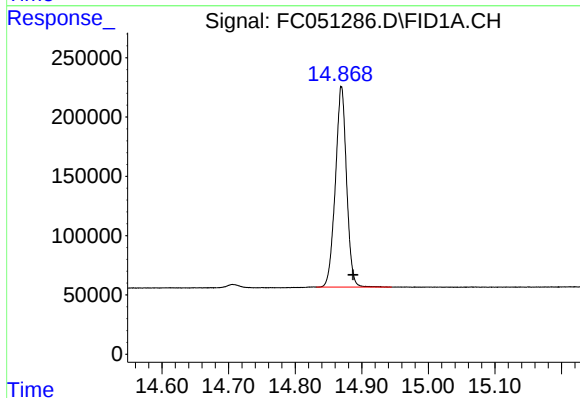
#13 n-Docosane (C22)

R.T.: 13.767 min  
Delta R.T.: -0.019 min  
Response: 2028593  
Conc: 17.51 ug/ml

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

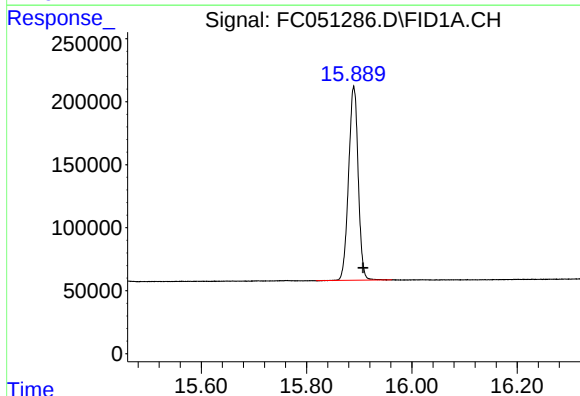
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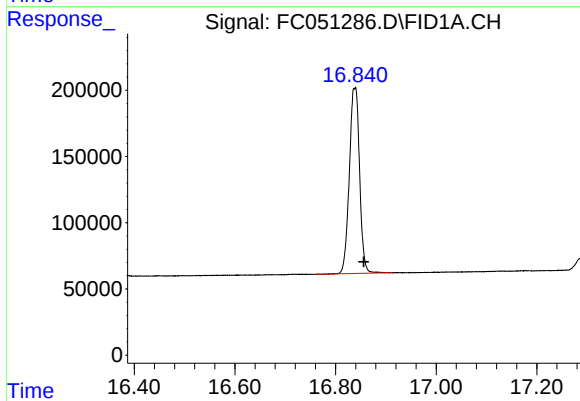
#14 n-Tetracosane (C24)

R.T.: 14.869 min  
Delta R.T.: -0.018 min  
Response: 1974050  
Conc: 17.16 ug/ml



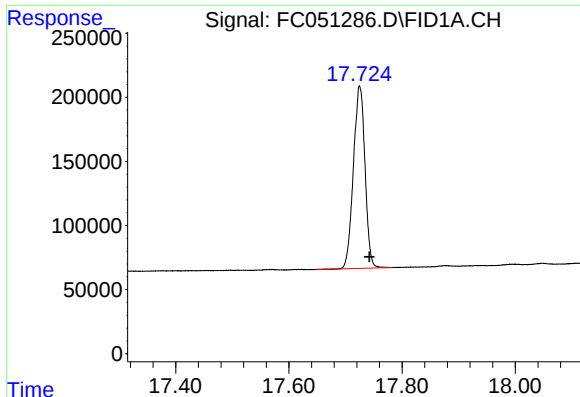
#15 n-Hexacosane (C26)

R.T.: 15.890 min  
Delta R.T.: -0.018 min  
Response: 1949640  
Conc: 17.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.838 min  
Delta R.T.: -0.018 min  
Response: 1980460  
Conc: 17.89 ug/ml



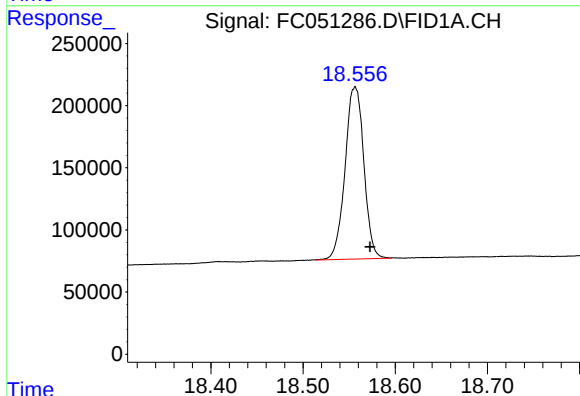
#17 n-Tricontane (C30)

R.T.: 17.725 min  
Delta R.T.: -0.017 min  
Response: 2021278  
Conc: 19.03 ug/ml

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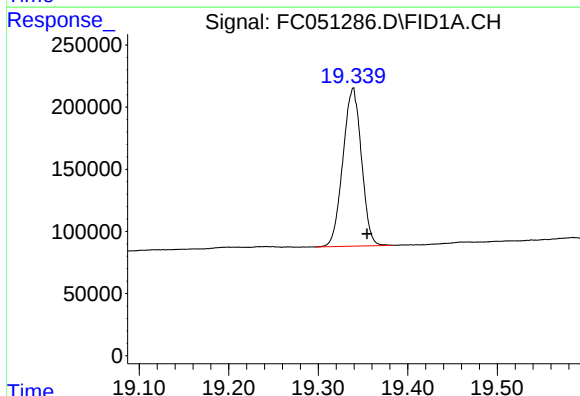
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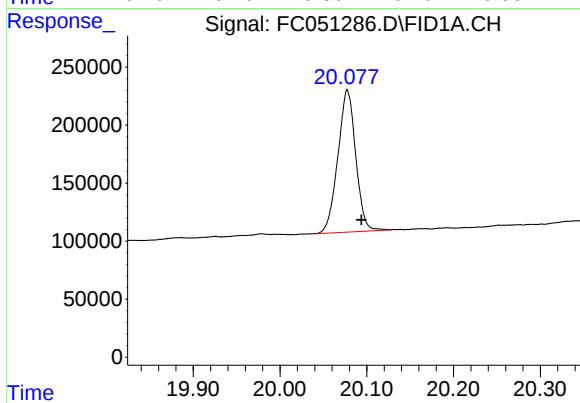
#18 n-Dotriacontane (C32)

R.T.: 18.556 min  
Delta R.T.: -0.016 min  
Response: 1958863  
Conc: 20.05 ug/ml m



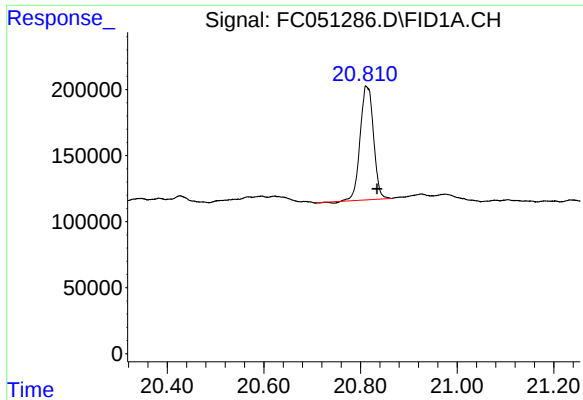
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min  
Delta R.T.: -0.015 min  
Response: 1830456  
Conc: 20.51 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.077 min  
Delta R.T.: -0.017 min  
Response: 1753656  
Conc: 21.03 ug/ml m



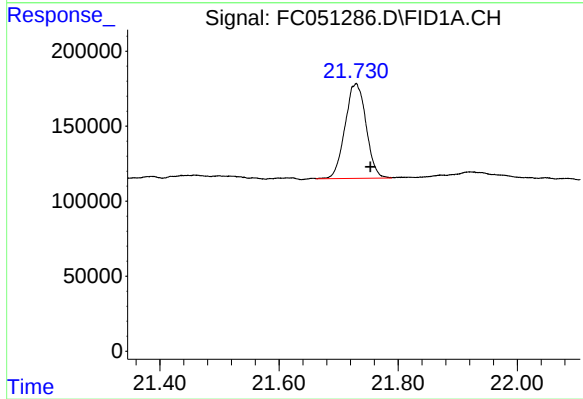
#21 n-Octatriacontane (C38)

R.T.: 20.813 min  
Delta R.T.: -0.021 min  
Response: 1649599  
Conc: 21.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.730 min  
Delta R.T.: -0.024 min  
Response: 1544088  
Conc: 18.65 ug/ml m