

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100220AL\  
 Data File : FC049919.D  
 Signal(s) : FID1A.CH  
 Acq On : 03 Oct 2020 17:47  
 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

Integration File: autoint1.e  
 Quant Time: Oct 05 00:36:51 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)    | 11.653 | 2007014    | 17.468 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.94%       |
| 12) S 1-chlorooctadecane (S... | 13.086 | 1544654    | 17.342 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.392  | 2060958    | 19.922 ug/ml |
| 2) T n-Decane (C10)            | 4.464  | 2067254    | 19.903 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 6.060  | 2201334    | 19.146 ug/ml |
| 4) T n-Dodecane (C12)          | 6.487  | 2054086    | 19.432 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.119  | 2194609    | 18.771 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.284  | 1988432    | 18.848 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.887  | 1898663    | 18.244 ug/ml |
| 8) T n-Octadecane (C18)        | 11.329 | 1927586    | 17.936 ug/ml |
| 10) T n-Eicosane (C20)         | 12.639 | 1886550    | 17.618 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.252 | 1823296    | 17.133 ug/ml |
| 13) T n-Docosane (C22)         | 13.837 | 1835566    | 17.346 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.940 | 1821992    | 17.412 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.961 | 1789040    | 17.501 ug/ml |
| 16) T n-Octacosane (C28)       | 16.909 | 1784948    | 17.761 ug/ml |
| 17) T n-Tricontane (C30)       | 17.797 | 1806688    | 18.556 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.628 | 1734785    | 19.198 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.409 | 1630495    | 19.047 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.148 | 1672316    | 20.757 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.898 | 1584960    | 20.936 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.838 | 1585605    | 20.378 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

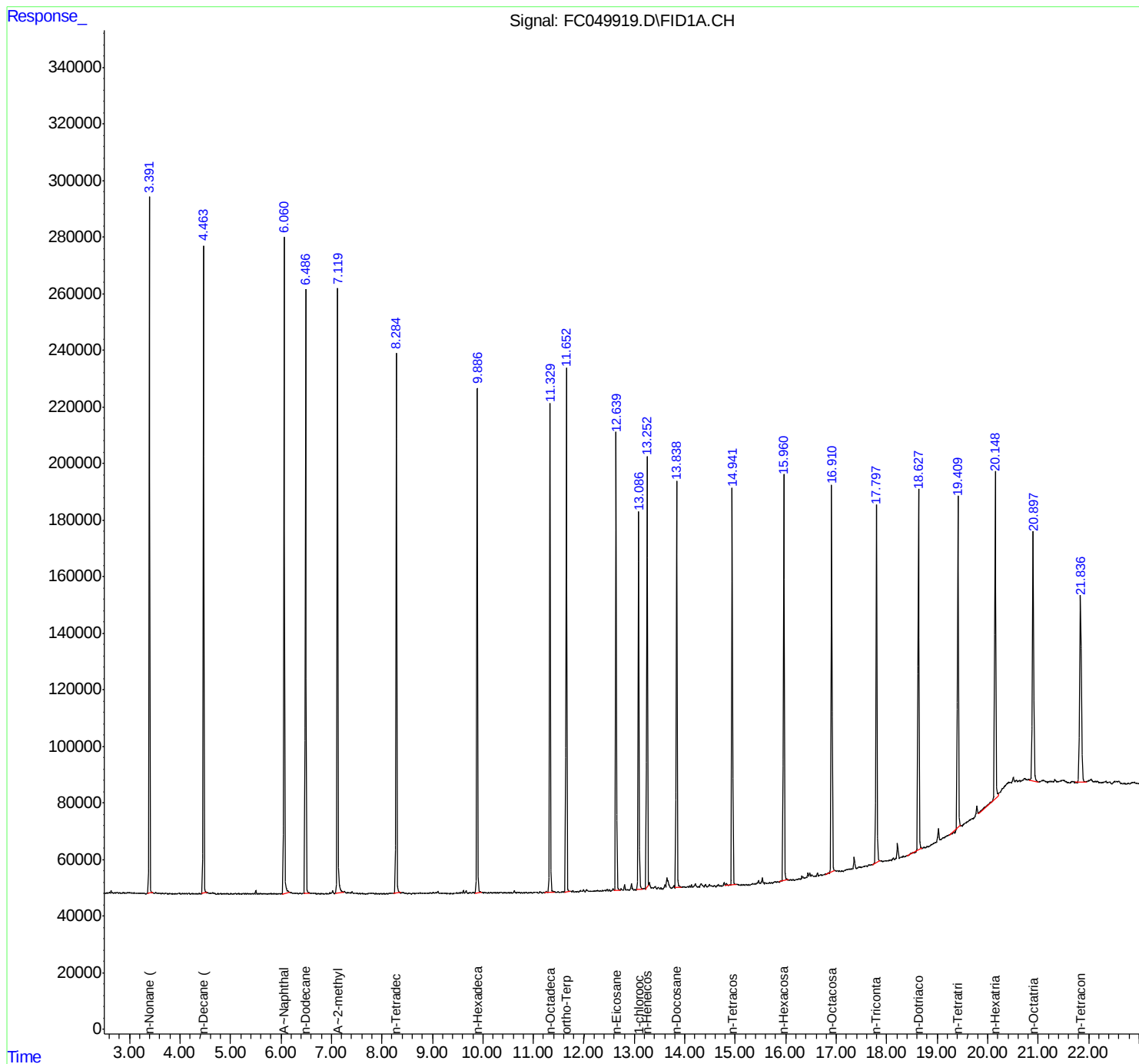
(m)=manual int.

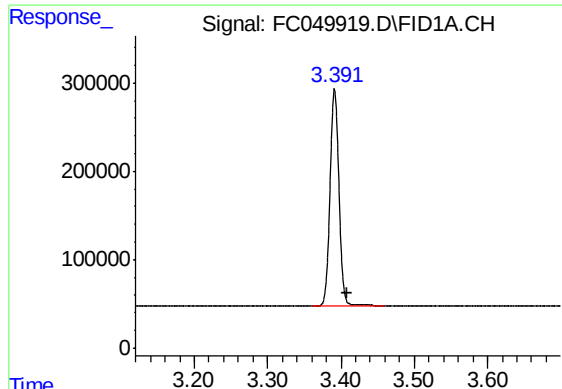
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100220AL\  
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QLast Update : Wed Sep 09 05:58:47 2020  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

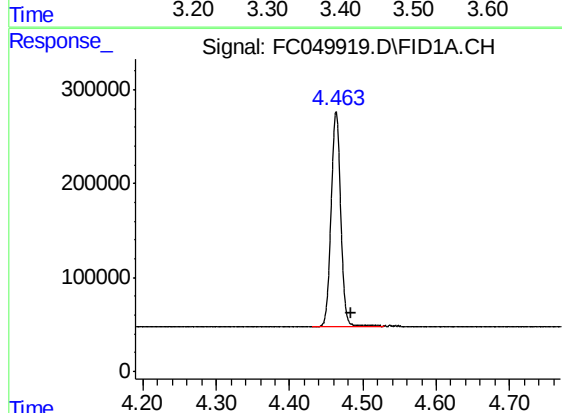




#1 n-Nonane (C9)

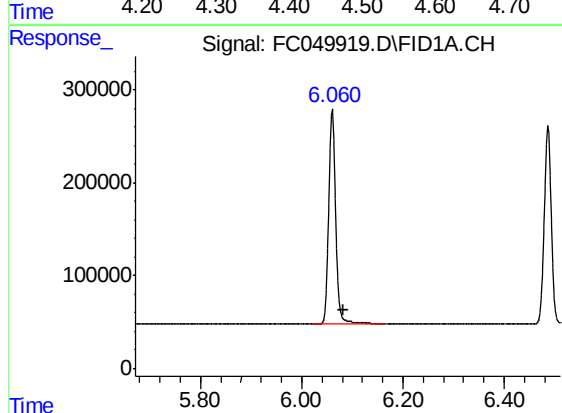
R.T.: 3.392 min  
Delta R.T.: -0.017 min  
Response: 2060958  
Conc: 19.92 ug/ml

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



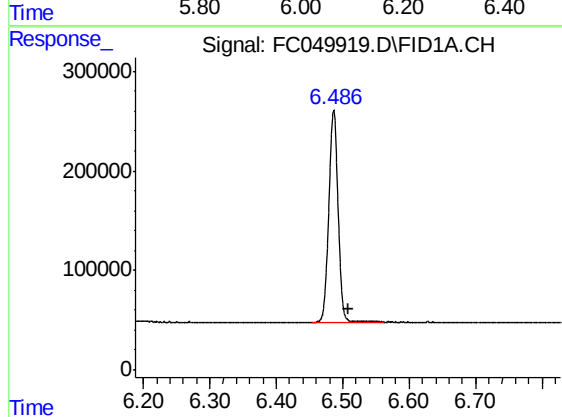
#2 n-Decane (C10)

R.T.: 4.464 min  
Delta R.T.: -0.020 min  
Response: 2067254  
Conc: 19.90 ug/ml



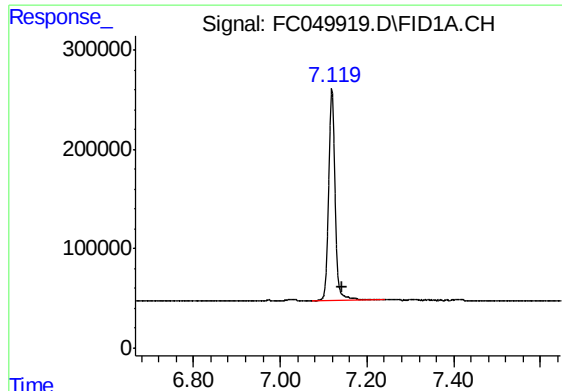
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min  
Delta R.T.: -0.022 min  
Response: 2201334  
Conc: 19.15 ug/ml



#4 n-Dodecane (C12)

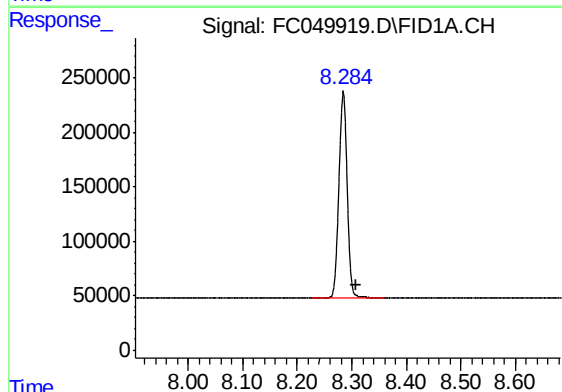
R.T.: 6.487 min  
Delta R.T.: -0.022 min  
Response: 2054086  
Conc: 19.43 ug/ml



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

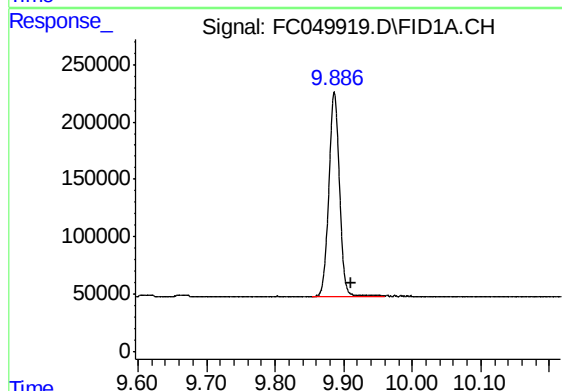
R.T.: 7.119 min  
Delta R.T.: -0.023 min  
Response: 2194609  
Conc: 18.77 ug/ml

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



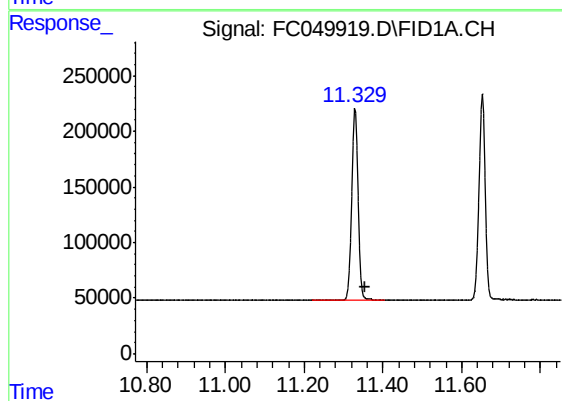
#6 n-Tetradecane (C14)

R.T.: 8.284 min  
Delta R.T.: -0.023 min  
Response: 1988432  
Conc: 18.85 ug/ml



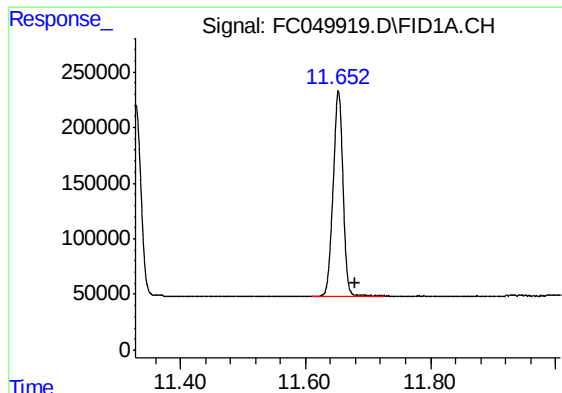
#7 n-Hexadecane (C16)

R.T.: 9.887 min  
Delta R.T.: -0.024 min  
Response: 1898663  
Conc: 18.24 ug/ml



#8 n-Octadecane (C18)

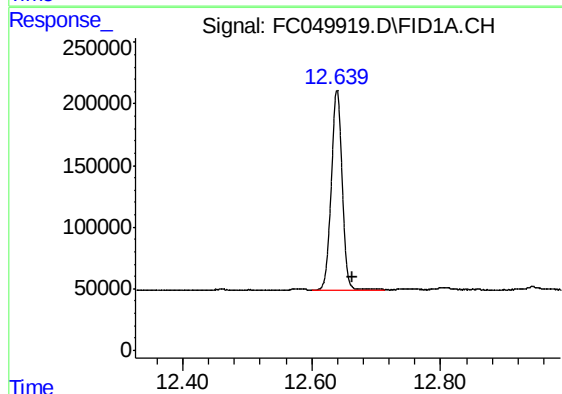
R.T.: 11.329 min  
Delta R.T.: -0.025 min  
Response: 1927586  
Conc: 17.94 ug/ml



#9 ortho-Terphenyl (SURR)

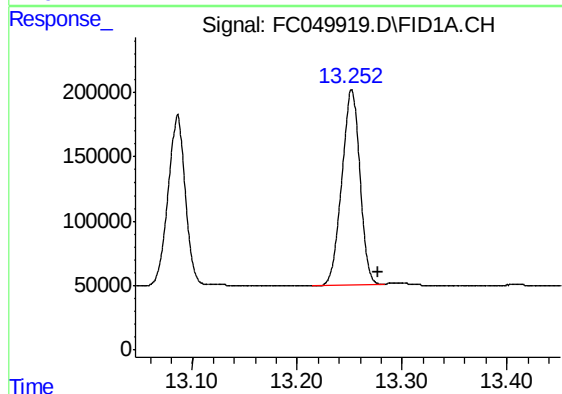
R.T.: 11.653 min  
Delta R.T.: -0.026 min  
Response: 2007014  
Conc: 17.47 ug/ml

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



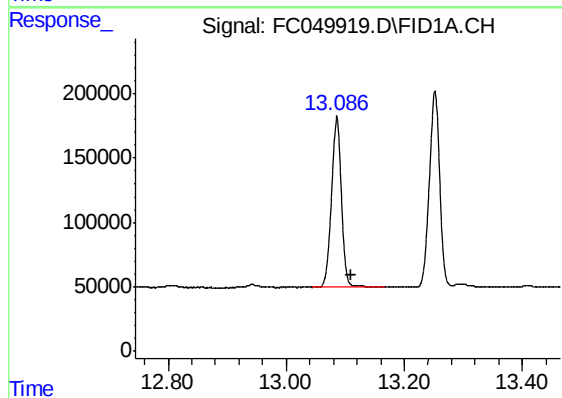
#10 n-Eicosane (C20)

R.T.: 12.639 min  
Delta R.T.: -0.025 min  
Response: 1886550  
Conc: 17.62 ug/ml



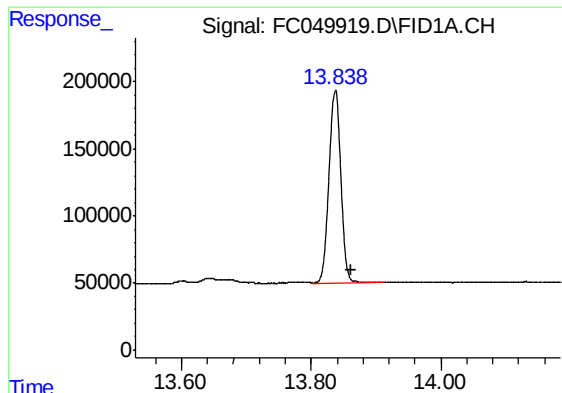
#11 n-Heneicosane (C21)

R.T.: 13.252 min  
Delta R.T.: -0.025 min  
Response: 1823296  
Conc: 17.13 ug/ml



#12 1-chlorooctadecane (SURR)

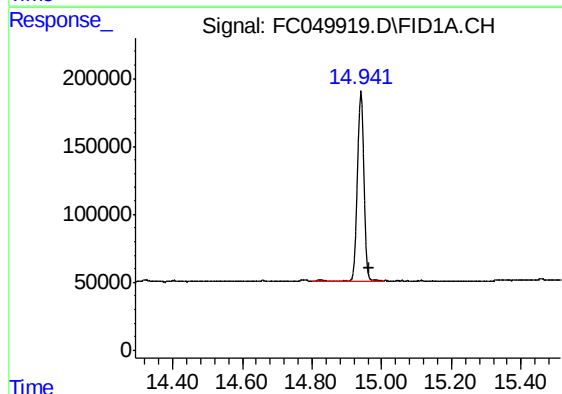
R.T.: 13.086 min  
Delta R.T.: -0.024 min  
Response: 1544654  
Conc: 17.34 ug/ml



#13 n-Docosane (C22)

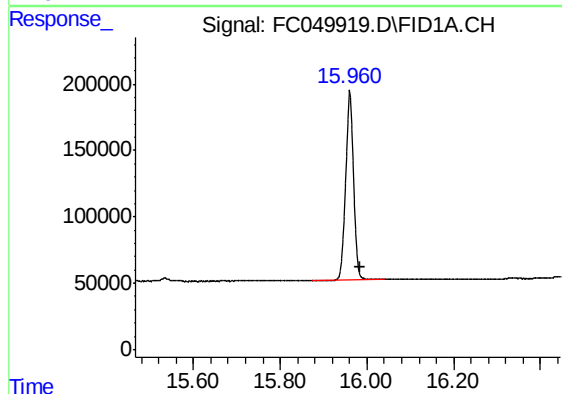
R.T.: 13.837 min  
Delta R.T.: -0.025 min  
Response: 1835566  
Conc: 17.35 ug/ml

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



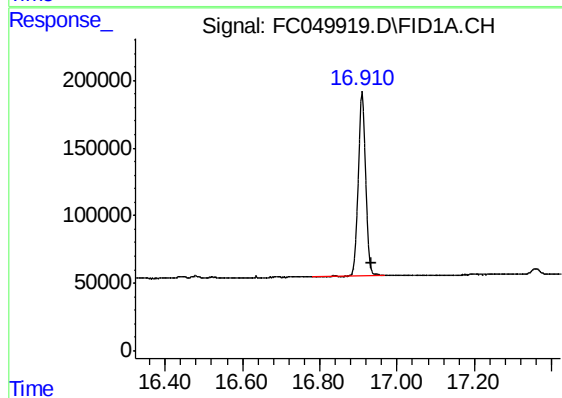
#14 n-Tetracosane (C24)

R.T.: 14.940 min  
Delta R.T.: -0.024 min  
Response: 1821992  
Conc: 17.41 ug/ml



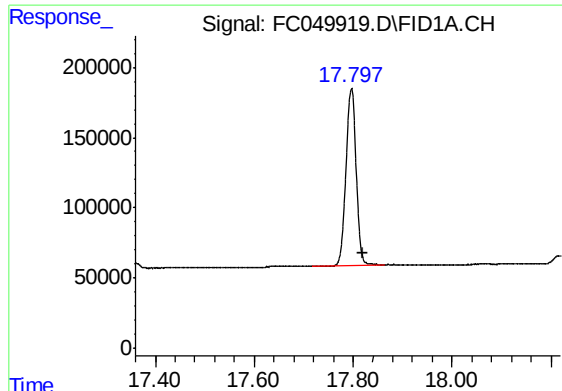
#15 n-Hexacosane (C26)

R.T.: 15.961 min  
Delta R.T.: -0.025 min  
Response: 1789040  
Conc: 17.50 ug/ml



#16 n-Octacosane (C28)

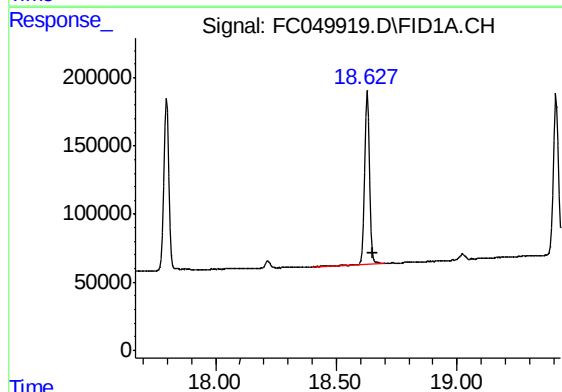
R.T.: 16.909 min  
Delta R.T.: -0.024 min  
Response: 1784948  
Conc: 17.76 ug/ml



#17 n-Tricontane (C30)

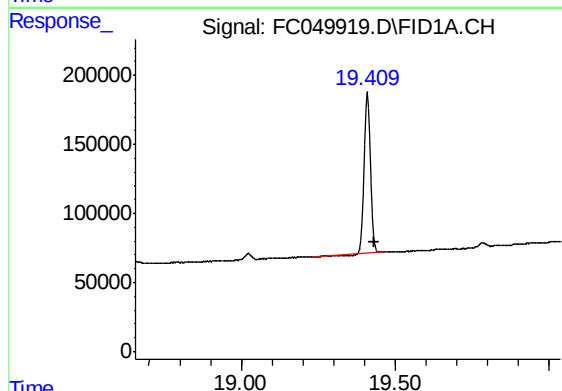
R.T.: 17.797 min  
Delta R.T.: -0.023 min  
Response: 1806688  
Conc: 18.56 ug/ml

Instrument :  
FID\_C  
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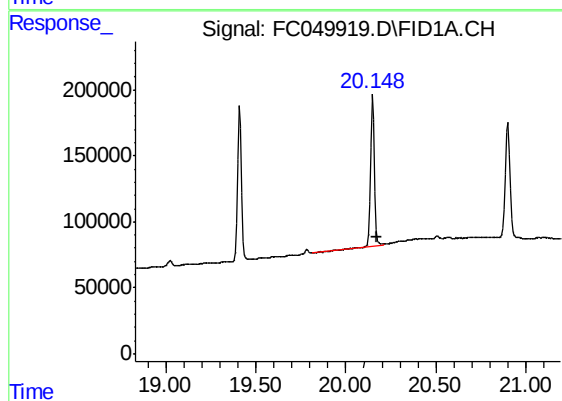
#18 n-Dotriacontane (C32)

R.T.: 18.628 min  
Delta R.T.: -0.022 min  
Response: 1734785  
Conc: 19.20 ug/ml



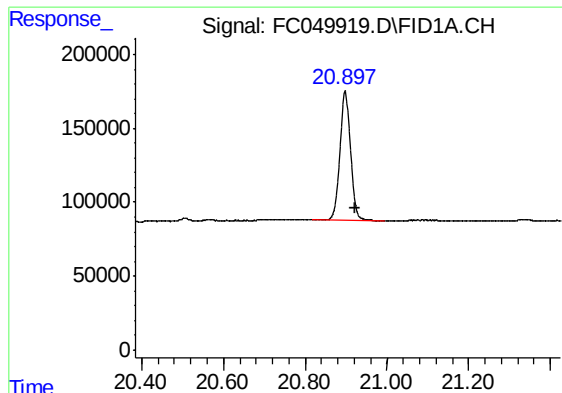
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min  
Delta R.T.: -0.023 min  
Response: 1630495  
Conc: 19.05 ug/ml



#20 n-Hexatriacontane (C36)

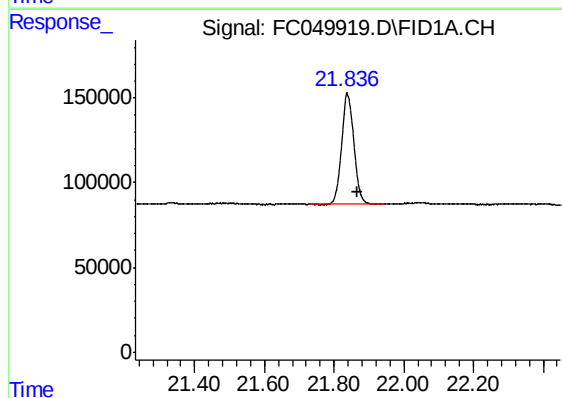
R.T.: 20.148 min  
Delta R.T.: -0.023 min  
Response: 1672316  
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.898 min  
Delta R.T.: -0.025 min  
Response: 1584960  
Conc: 20.94 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.838 min  
Delta R.T.: -0.031 min  
Response: 1585605  
Conc: 20.38 ug/ml