

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052120AL\  
 Data File : FC047553.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 May 2020 23:58  
 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: May 22 02:00:33 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 050820.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 08 16:49:27 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)    | 11.737 | 2335093    | 19.534 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.07%       |
| 12) S 1-chlorooctadecane (S... | 13.150 | 1890554    | 19.275 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.55%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.547  | 2224728    | 21.945 ug/ml |
| 2) T n-Decane (C10)            | 4.610  | 2265997    | 22.175 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.208  | 2256224    | 21.668 ug/ml |
| 4) T n-Dodecane (C12)          | 6.610  | 2315117    | 21.918 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.256  | 2249041    | 21.417 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.388  | 2287005    | 21.621 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.974  | 2221305    | 20.994 ug/ml |
| 8) T n-Octadecane (C18)        | 11.405 | 2277810    | 20.342 ug/ml |
| 10) T n-Eicosane (C20)         | 12.704 | 2245973    | 19.738 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.312 | 2211081    | 19.448 ug/ml |
| 13) T n-Docosane (C22)         | 13.894 | 2206187    | 19.414 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.989 | 2201013    | 19.453 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.003 | 2141532    | 19.120 ug/ml |
| 16) T n-Octacosane (C28)       | 16.947 | 2139490    | 19.182 ug/ml |
| 17) T n-Tricontane (C30)       | 17.829 | 2118856    | 19.597 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.657 | 1975275    | 20.030 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.435 | 1826342    | 19.911 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.169 | 1770914    | 20.420 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.922 | 1666317    | 20.652 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.864 | 1764984    | 21.704 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

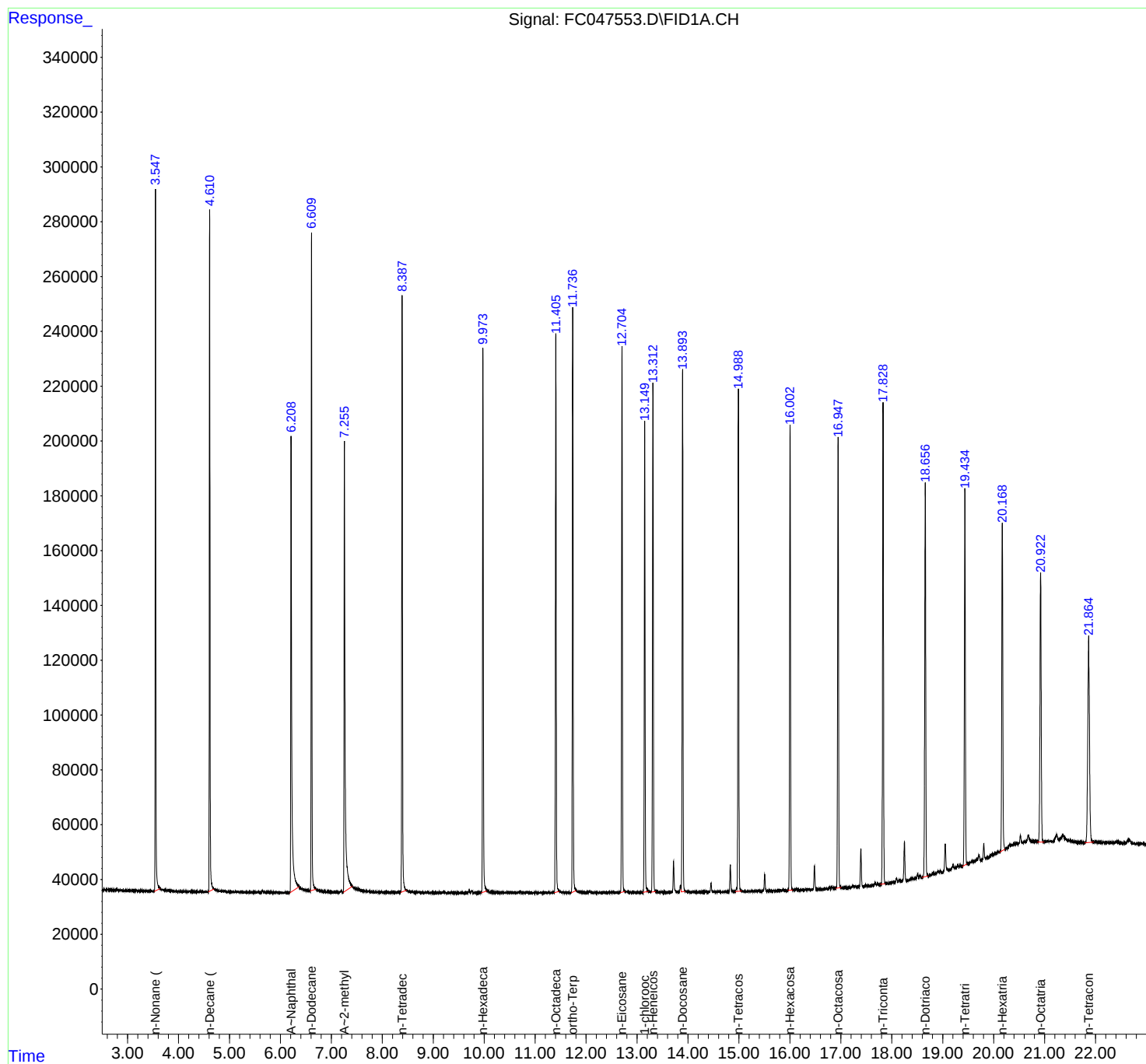
(m)=manual int.

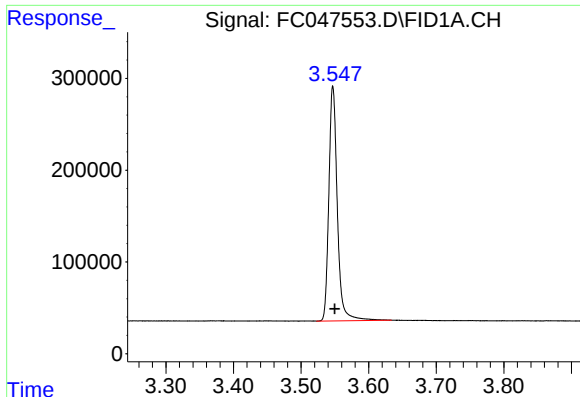
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052120AL\  
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20 PPM ALIPHATIC HC STD

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050820.M  
Quant Title : GC Extractables  
QLast Update : Fri May 08 16:49:27 2020  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

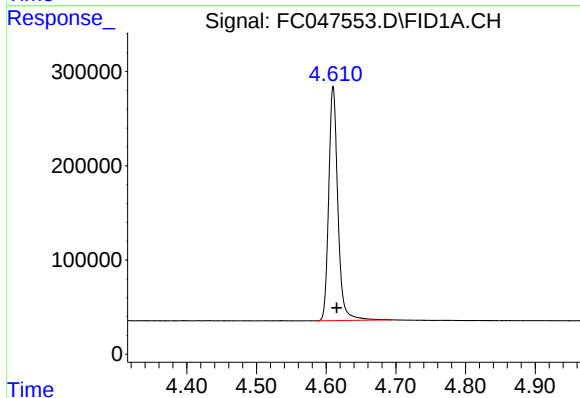




#1 n-Nonane (C9)

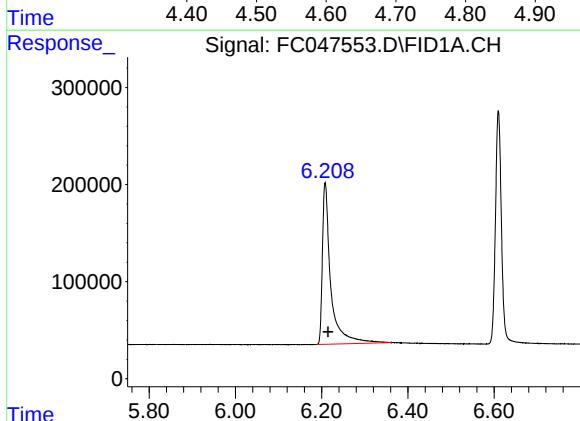
R.T.: 3.547 min  
Delta R.T.: -0.003 min  
Response: 2224728  
Conc: 21.95 ug/ml

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



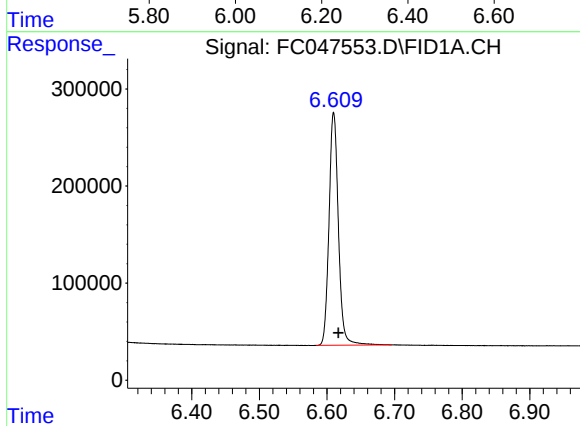
#2 n-Decane (C10)

R.T.: 4.610 min  
Delta R.T.: -0.005 min  
Response: 2265997  
Conc: 22.17 ug/ml



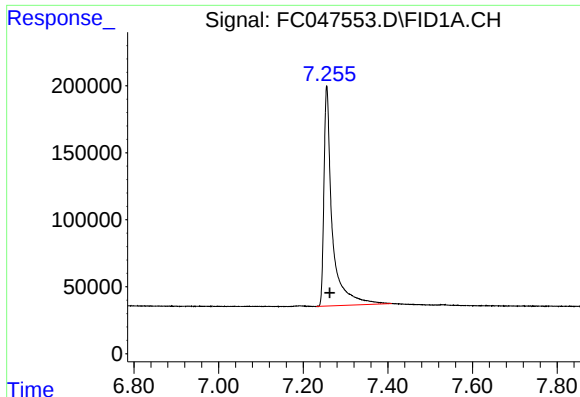
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min  
Delta R.T.: -0.006 min  
Response: 2256224  
Conc: 21.67 ug/ml



#4 n-Dodecane (C12)

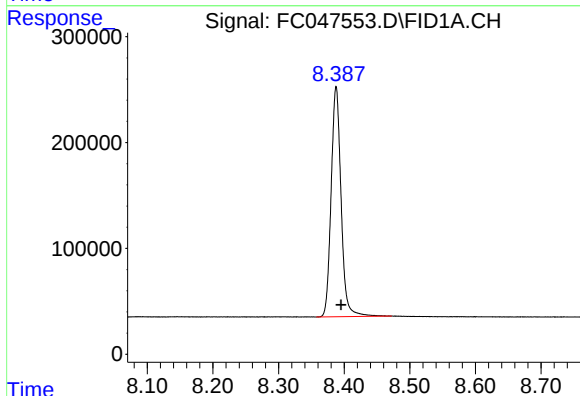
R.T.: 6.610 min  
Delta R.T.: -0.007 min  
Response: 2315117  
Conc: 21.92 ug/ml



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

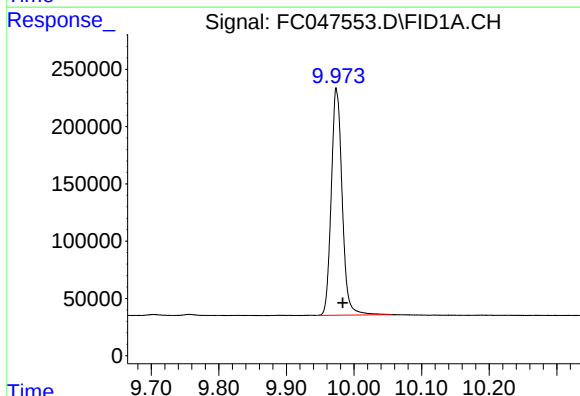
R.T.: 7.256 min  
Delta R.T.: -0.007 min  
Response: 2249041  
Conc: 21.42 ug/ml

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



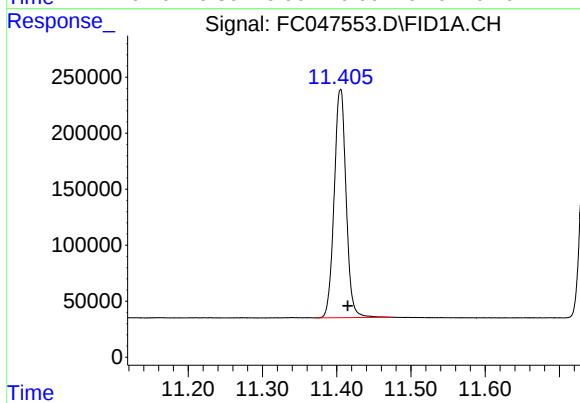
#6 n-Tetradecane (C14)

R.T.: 8.388 min  
Delta R.T.: -0.007 min  
Response: 2287005  
Conc: 21.62 ug/ml



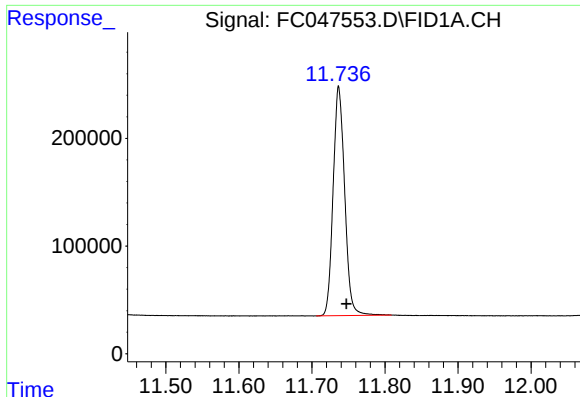
#7 n-Hexadecane (C16)

R.T.: 9.974 min  
Delta R.T.: -0.009 min  
Response: 2221305  
Conc: 20.99 ug/ml



#8 n-Octadecane (C18)

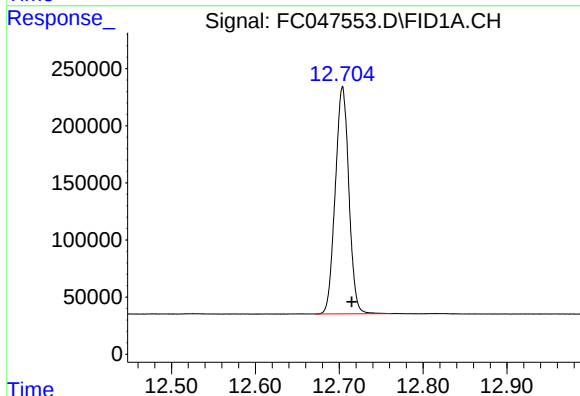
R.T.: 11.405 min  
Delta R.T.: -0.010 min  
Response: 2277810  
Conc: 20.34 ug/ml



#9 ortho-Terphenyl (SURR)

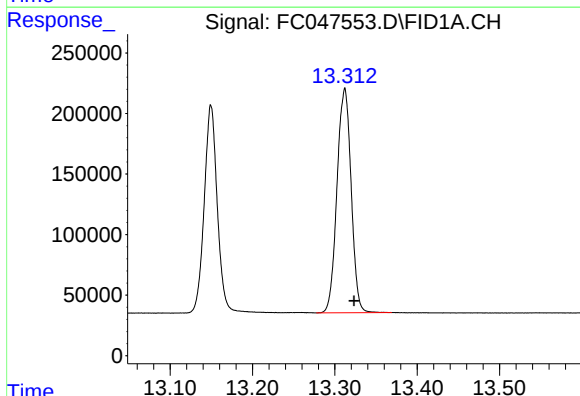
R.T.: 11.737 min  
Delta R.T.: -0.011 min  
Response: 2335093  
Conc: 19.53 ug/ml

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



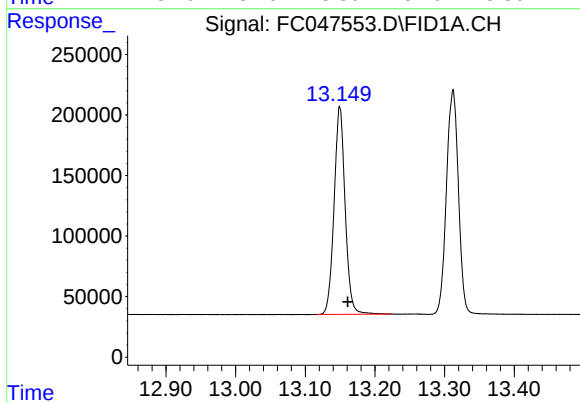
#10 n-Eicosane (C20)

R.T.: 12.704 min  
Delta R.T.: -0.011 min  
Response: 2245973  
Conc: 19.74 ug/ml



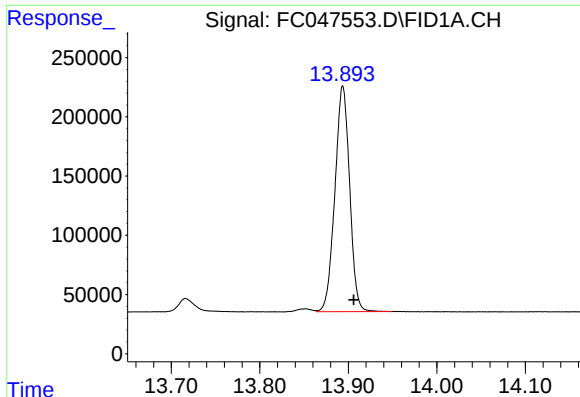
#11 n-Heneicosane (C21)

R.T.: 13.312 min  
Delta R.T.: -0.011 min  
Response: 2211081  
Conc: 19.45 ug/ml



#12 1-chlorooctadecane (SURR)

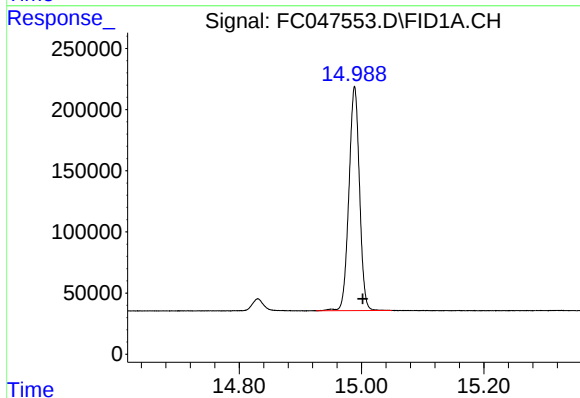
R.T.: 13.150 min  
Delta R.T.: -0.011 min  
Response: 1890554  
Conc: 19.28 ug/ml



#13 n-Docosane (C22)

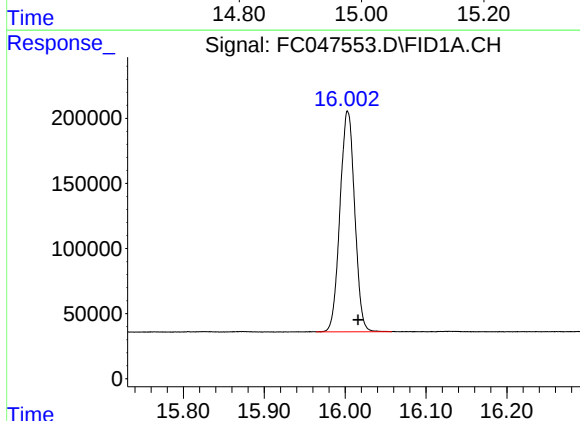
R.T.: 13.894 min  
Delta R.T.: -0.013 min  
Response: 2206187  
Conc: 19.41 ug/ml

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



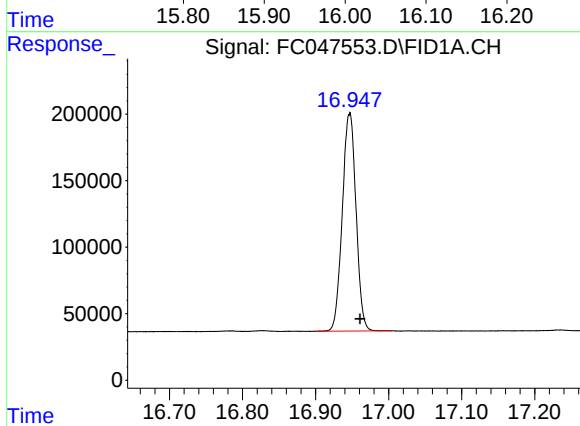
#14 n-Tetracosane (C24)

R.T.: 14.989 min  
Delta R.T.: -0.013 min  
Response: 2201013  
Conc: 19.45 ug/ml



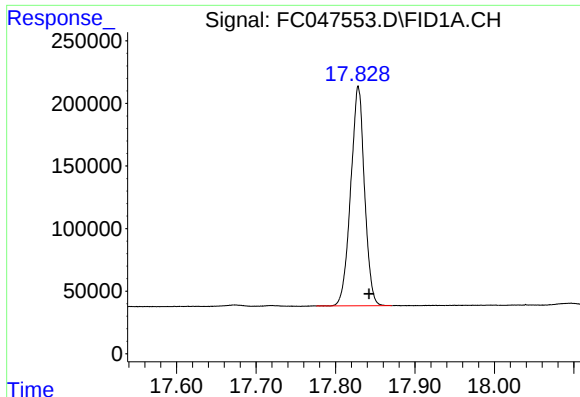
#15 n-Hexacosane (C26)

R.T.: 16.003 min  
Delta R.T.: -0.013 min  
Response: 2141532  
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

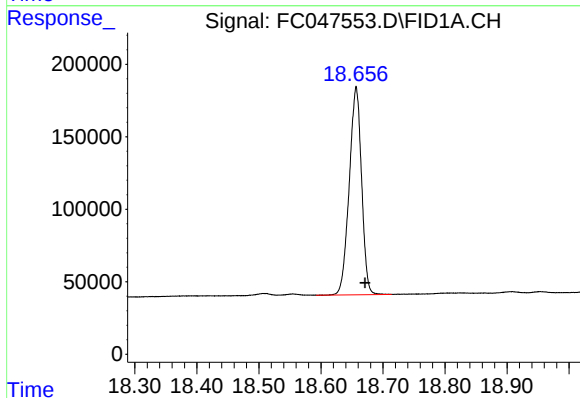
R.T.: 16.947 min  
Delta R.T.: -0.014 min  
Response: 2139490  
Conc: 19.18 ug/ml



#17 n-Tricontane (C30)

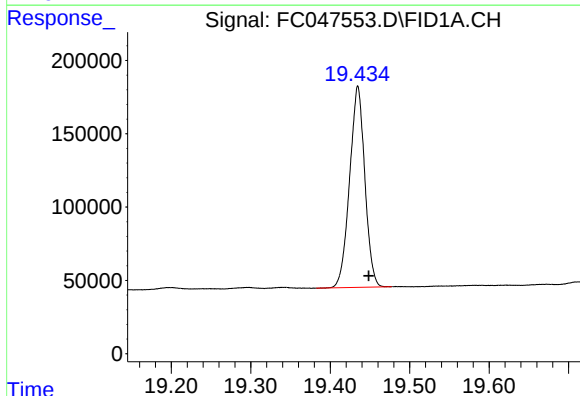
R.T.: 17.829 min  
Delta R.T.: -0.013 min  
Response: 2118856  
Conc: 19.60 ug/ml

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



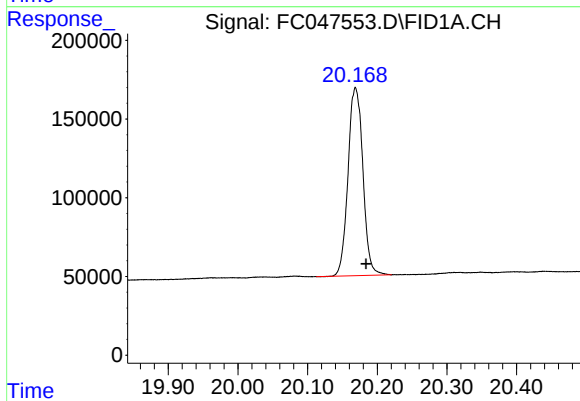
#18 n-Dotriacontane (C32)

R.T.: 18.657 min  
Delta R.T.: -0.015 min  
Response: 1975275  
Conc: 20.03 ug/ml



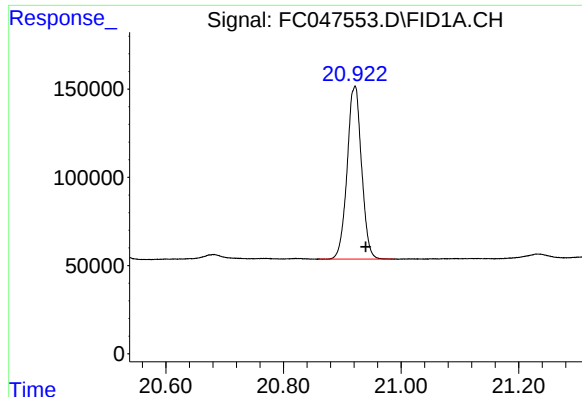
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min  
Delta R.T.: -0.013 min  
Response: 1826342  
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

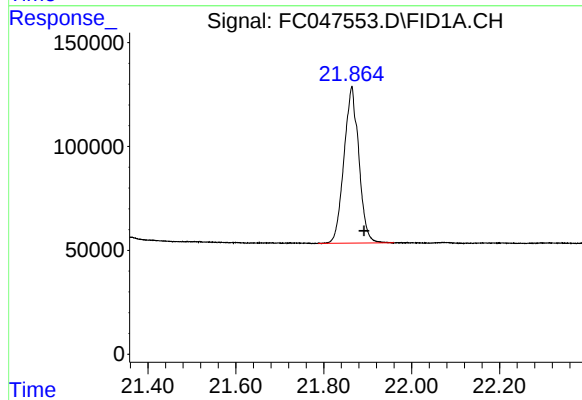
R.T.: 20.169 min  
Delta R.T.: -0.015 min  
Response: 1770914  
Conc: 20.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.922 min  
Delta R.T.: -0.018 min  
Response: 1666317  
Conc: 20.65 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.864 min  
Delta R.T.: -0.028 min  
Response: 1764984  
Conc: 21.70 ug/ml