

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030321AL\  
 Data File : FC052192.D  
 Signal(s) : FID1A.CH  
 Acq On : 03 Mar 2021 23:33  
 Operator : DD\AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Mar 04 01:16:41 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 030321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 04 01:15:59 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)    | 11.623 | 6417558    | 47.397 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 94.79%       |
| 12) S 1-chlorooctadecane (S... | 13.060 | 5089093    | 47.709 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 95.42%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.359  | 5732281    | 47.349 ug/ml |
| 2) T n-Decane (C10)            | 4.428  | 5781141    | 47.306 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.020  | 6473354    | 47.453 ug/ml |
| 4) T n-Dodecane (C12)          | 6.453  | 5885173    | 47.310 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.080  | 6624000    | 47.510 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.253  | 5898407    | 47.347 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.857  | 5809294    | 47.341 ug/ml |
| 8) T n-Octadecane (C18)        | 11.304 | 6021892    | 47.232 ug/ml |
| 10) T n-Eicosane (C20)         | 12.615 | 6009429    | 47.499 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.228 | 5958683    | 47.560 ug/ml |
| 13) T n-Docosane (C22)         | 13.814 | 5911158    | 47.874 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.919 | 5751977    | 48.187 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.943 | 5455454    | 48.810 ug/ml |
| 16) T n-Octacosane (C28)       | 16.893 | 5119903    | 49.268 ug/ml |
| 17) T n-Tricontane (C30)       | 17.781 | 4689445    | 49.415 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.614 | 4209960    | 49.390 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.398 | 3857167    | 49.420 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.137 | 3537622    | 48.370 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.883 | 3389489    | 48.869 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.812 | 3511466    | 47.389 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

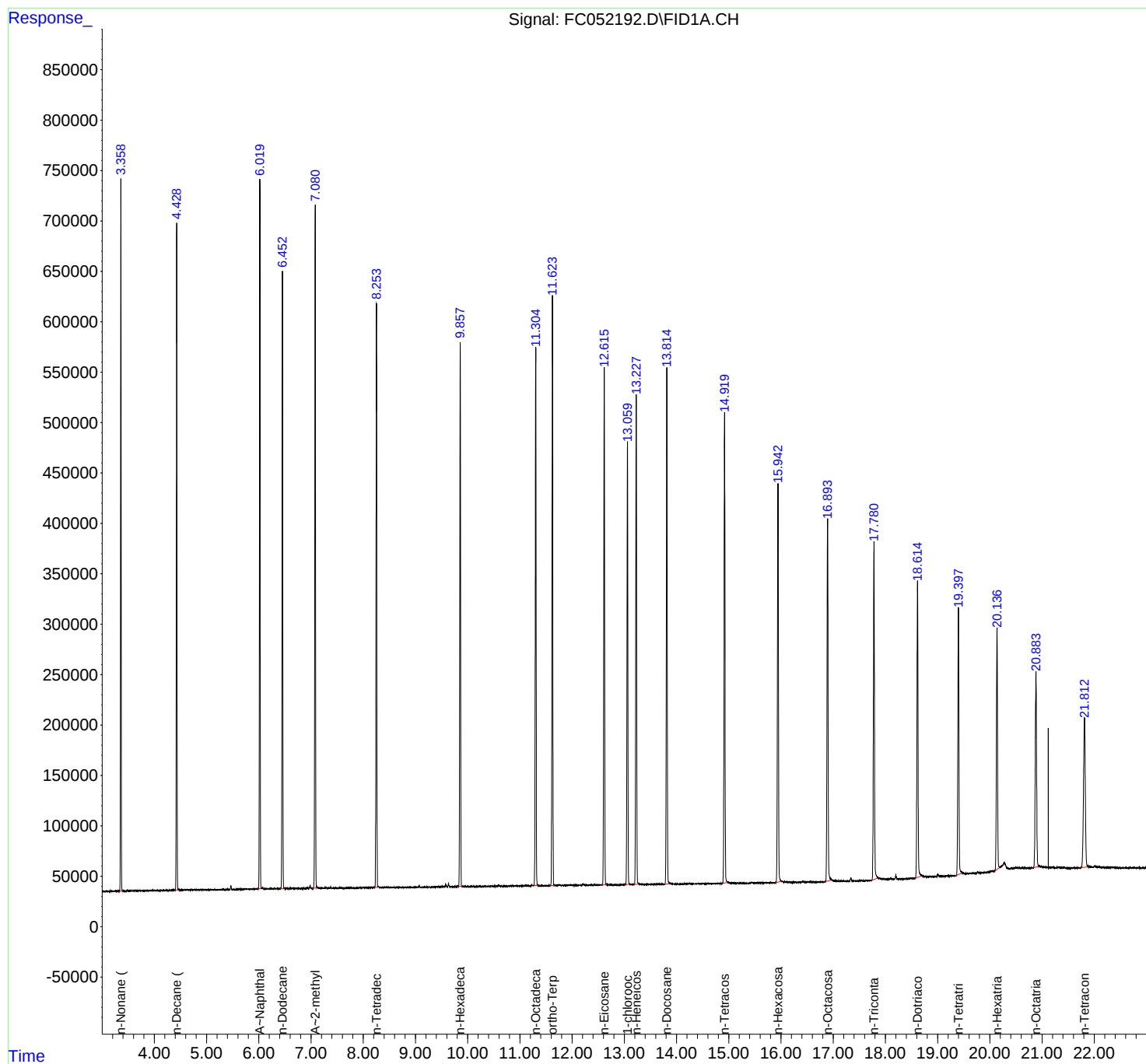
(m)=manual int.

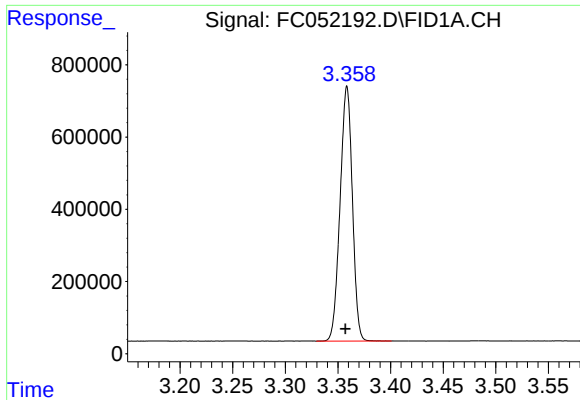
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030321AL\  
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Signal(s) : FID1A.CH  
Acq On : 03 Mar 2021 23:33  
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Sample : 50 PPM ALIPHATIC HC STD2  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

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QLast Update : Thu Mar 04 01:15:59 2021  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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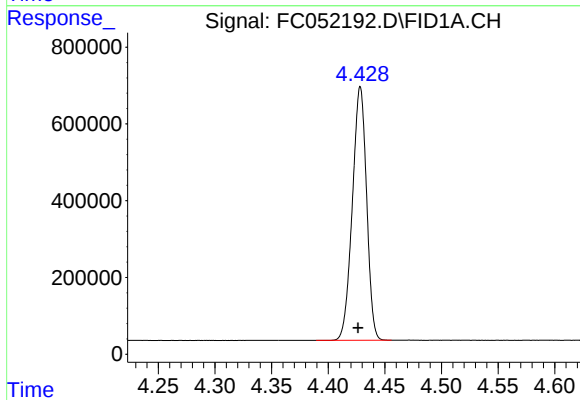




#1 n-Nonane (C9)

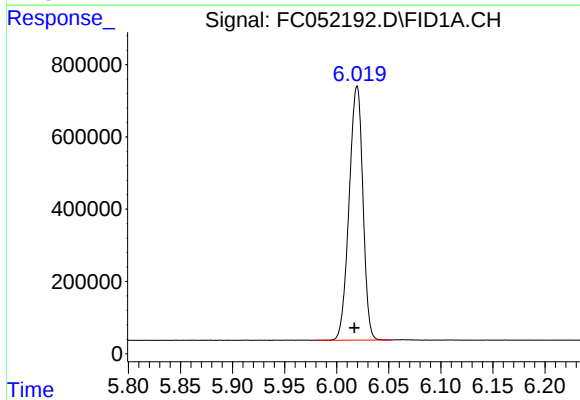
R.T.: 3.359 min  
Delta R.T.: 0.002 min  
Response: 5732281  
Conc: 47.35 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



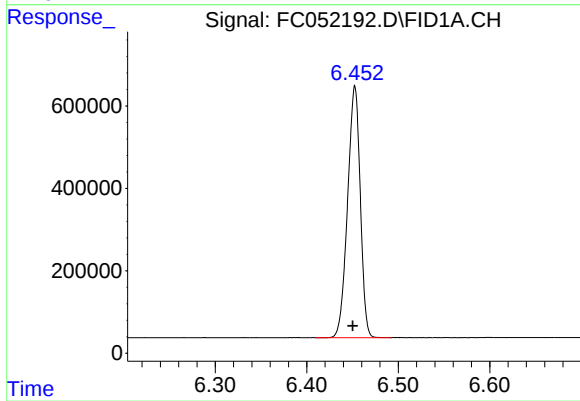
#2 n-Decane (C10)

R.T.: 4.428 min  
Delta R.T.: 0.002 min  
Response: 5781141  
Conc: 47.31 ug/ml



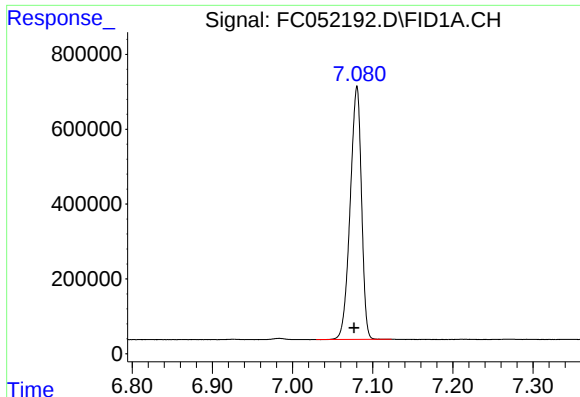
#3 A~Naphthalene (C11.7)

R.T.: 6.020 min  
Delta R.T.: 0.003 min  
Response: 6473354  
Conc: 47.45 ug/ml



#4 n-Dodecane (C12)

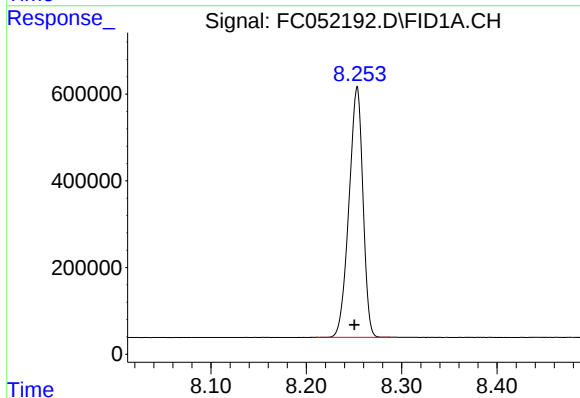
R.T.: 6.453 min  
Delta R.T.: 0.002 min  
Response: 5885173  
Conc: 47.31 ug/ml



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

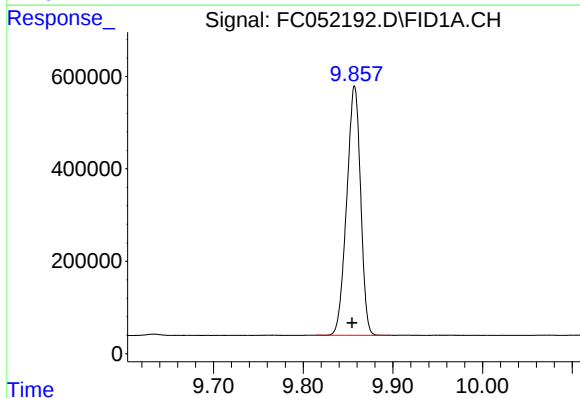
R.T.: 7.080 min  
Delta R.T.: 0.003 min  
Response: 6624000  
Conc: 47.51 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



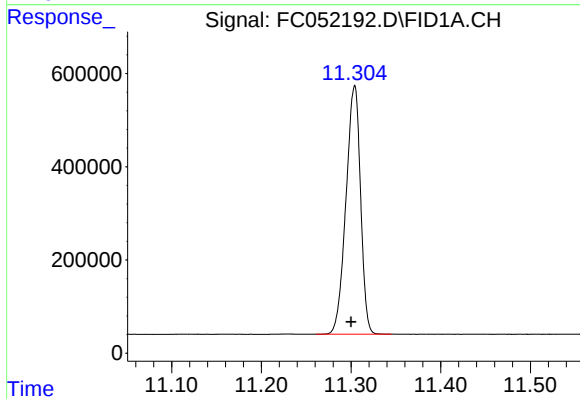
#6 n-Tetradecane (C14)

R.T.: 8.253 min  
Delta R.T.: 0.003 min  
Response: 5898407  
Conc: 47.35 ug/ml



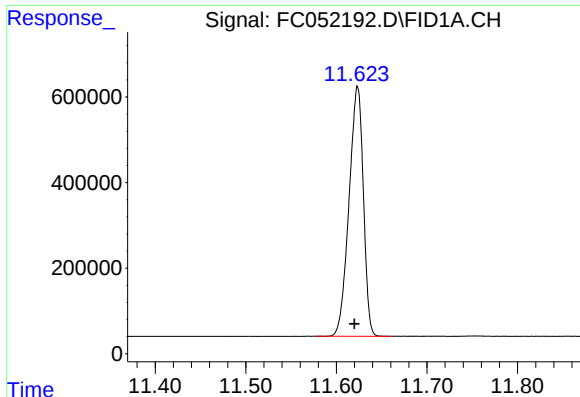
#7 n-Hexadecane (C16)

R.T.: 9.857 min  
Delta R.T.: 0.003 min  
Response: 5809294  
Conc: 47.34 ug/ml



#8 n-Octadecane (C18)

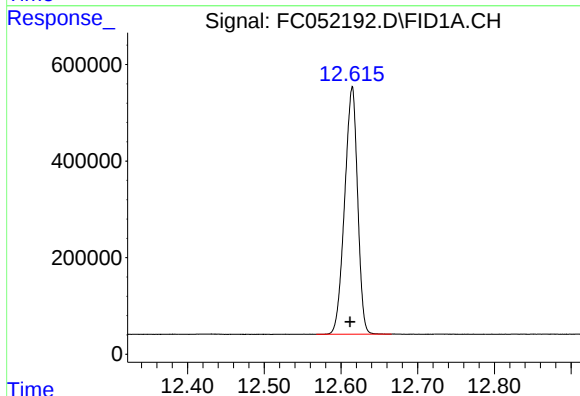
R.T.: 11.304 min  
Delta R.T.: 0.004 min  
Response: 6021892  
Conc: 47.23 ug/ml



#9 ortho-Terphenyl (SURR)

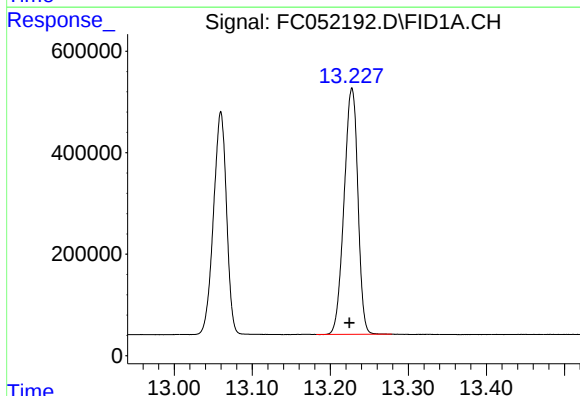
R.T.: 11.623 min  
Delta R.T.: 0.004 min  
Response: 6417558  
Conc: 47.40 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



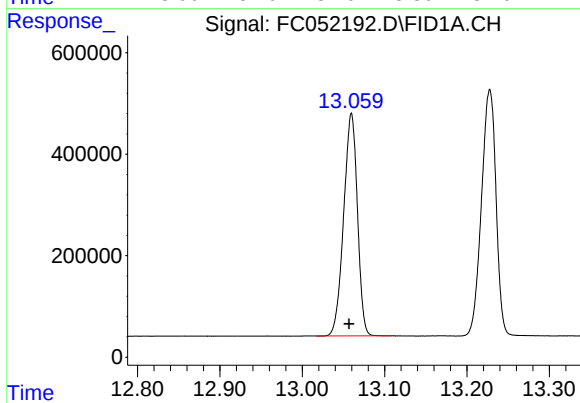
#10 n-Eicosane (C20)

R.T.: 12.615 min  
Delta R.T.: 0.003 min  
Response: 6009429  
Conc: 47.50 ug/ml



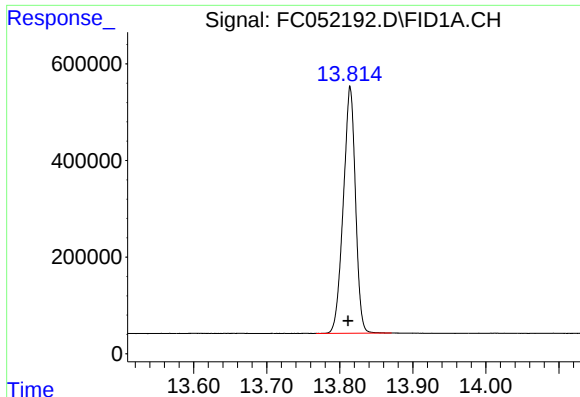
#11 n-Heneicosane (C21)

R.T.: 13.228 min  
Delta R.T.: 0.003 min  
Response: 5958683  
Conc: 47.56 ug/ml



#12 1-chlorooctadecane (SURR)

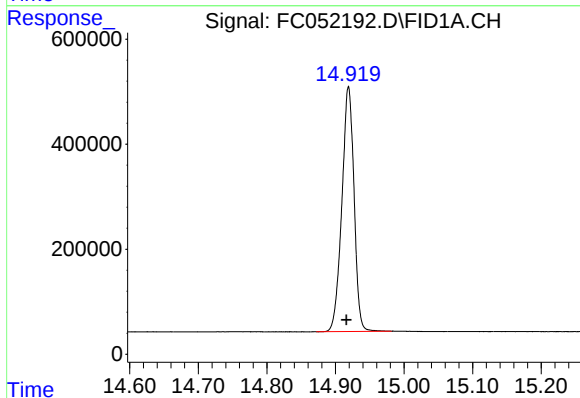
R.T.: 13.060 min  
Delta R.T.: 0.003 min  
Response: 5089093  
Conc: 47.71 ug/ml



#13 n-Docosane (C22)

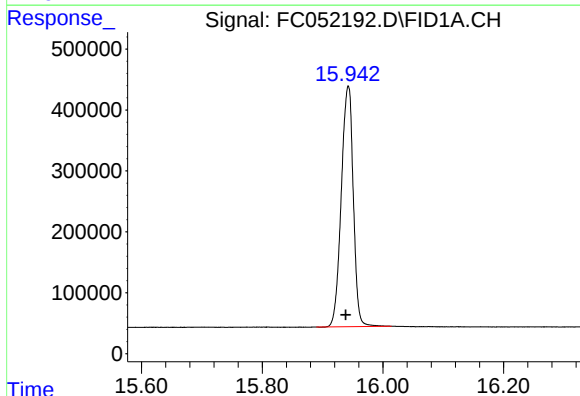
R.T.: 13.814 min  
Delta R.T.: 0.003 min  
Response: 5911158  
Conc: 47.87 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



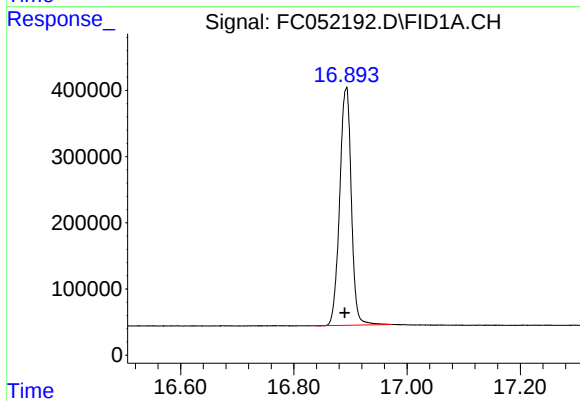
#14 n-Tetracosane (C24)

R.T.: 14.919 min  
Delta R.T.: 0.003 min  
Response: 5751977  
Conc: 48.19 ug/ml



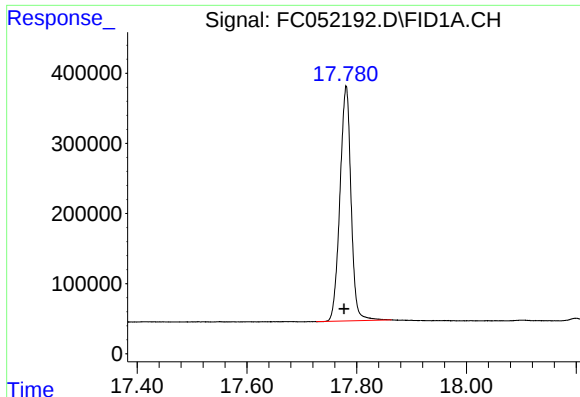
#15 n-Hexacosane (C26)

R.T.: 15.943 min  
Delta R.T.: 0.004 min  
Response: 5455454  
Conc: 48.81 ug/ml



#16 n-Octacosane (C28)

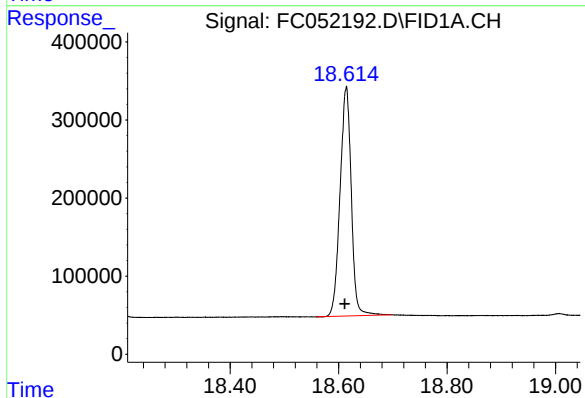
R.T.: 16.893 min  
Delta R.T.: 0.003 min  
Response: 5119903  
Conc: 49.27 ug/ml



#17 n-Tricontane (C30)

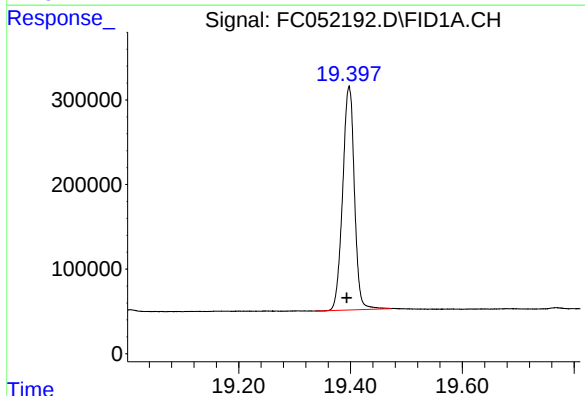
R.T.: 17.781 min  
Delta R.T.: 0.004 min  
Response: 4689445  
Conc: 49.42 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



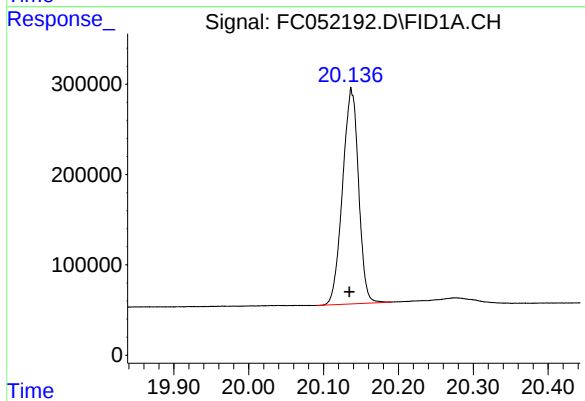
#18 n-Dotriacontane (C32)

R.T.: 18.614 min  
Delta R.T.: 0.003 min  
Response: 4209960  
Conc: 49.39 ug/ml



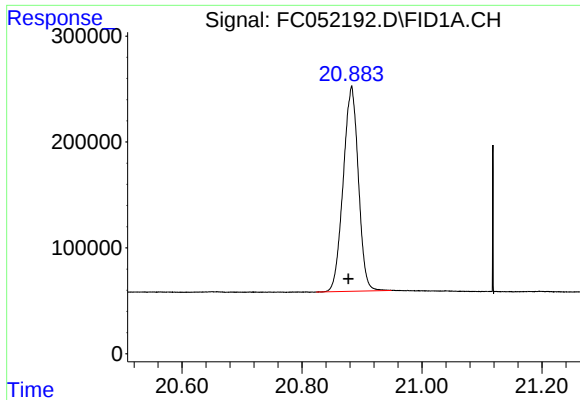
#19 n-Tetratriacontane (C34)

R.T.: 19.398 min  
Delta R.T.: 0.004 min  
Response: 3857167  
Conc: 49.42 ug/ml



#20 n-Hexatriacontane (C36)

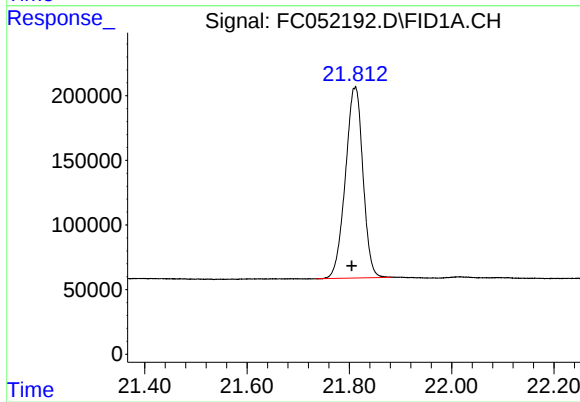
R.T.: 20.137 min  
Delta R.T.: 0.003 min  
Response: 3537622  
Conc: 48.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.883 min  
Delta R.T.: 0.005 min  
Response: 3389489  
Conc: 48.87 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.812 min  
Delta R.T.: 0.007 min  
Response: 3511466  
Conc: 47.39 ug/ml