

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030421AL\  
 Data File : FC052247.D  
 Signal(s) : FID1A.CH  
 Acq On : 05 Mar 2021 11:36  
 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: Mar 05 12:01:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 030321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 04 03:56:17 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)    | 11.617 | 2506914    | 19.010 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.02%       |
| 12) S 1-chlorooctadecane (S... | 13.056 | 1969272    | 18.935 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.87%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.357  | 2312265    | 19.616 ug/ml |
| 2) T n-Decane (C10)            | 4.426  | 2341872    | 19.718 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.017  | 2626552    | 19.782 ug/ml |
| 4) T n-Dodecane (C12)          | 6.450  | 2391683    | 19.784 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.077  | 2684201    | 19.775 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.249  | 2395223    | 19.756 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.854  | 2351248    | 19.651 ug/ml |
| 8) T n-Octadecane (C18)        | 11.298 | 2409841    | 19.468 ug/ml |
| 10) T n-Eicosane (C20)         | 12.609 | 2367260    | 19.212 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.223 | 2324247    | 19.040 ug/ml |
| 13) T n-Docosane (C22)         | 13.809 | 2272621    | 18.888 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.913 | 2167668    | 18.593 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.935 | 2024364    | 18.428 ug/ml |
| 16) T n-Octacosane (C28)       | 16.885 | 1891532    | 18.454 ug/ml |
| 17) T n-Tricontane (C30)       | 17.774 | 1756933    | 18.663 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.607 | 1633246    | 19.129 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.391 | 1530911    | 19.747 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.130 | 1512919    | 21.055 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.876 | 1394368    | 20.355 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.801 | 1503732    | 20.911 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

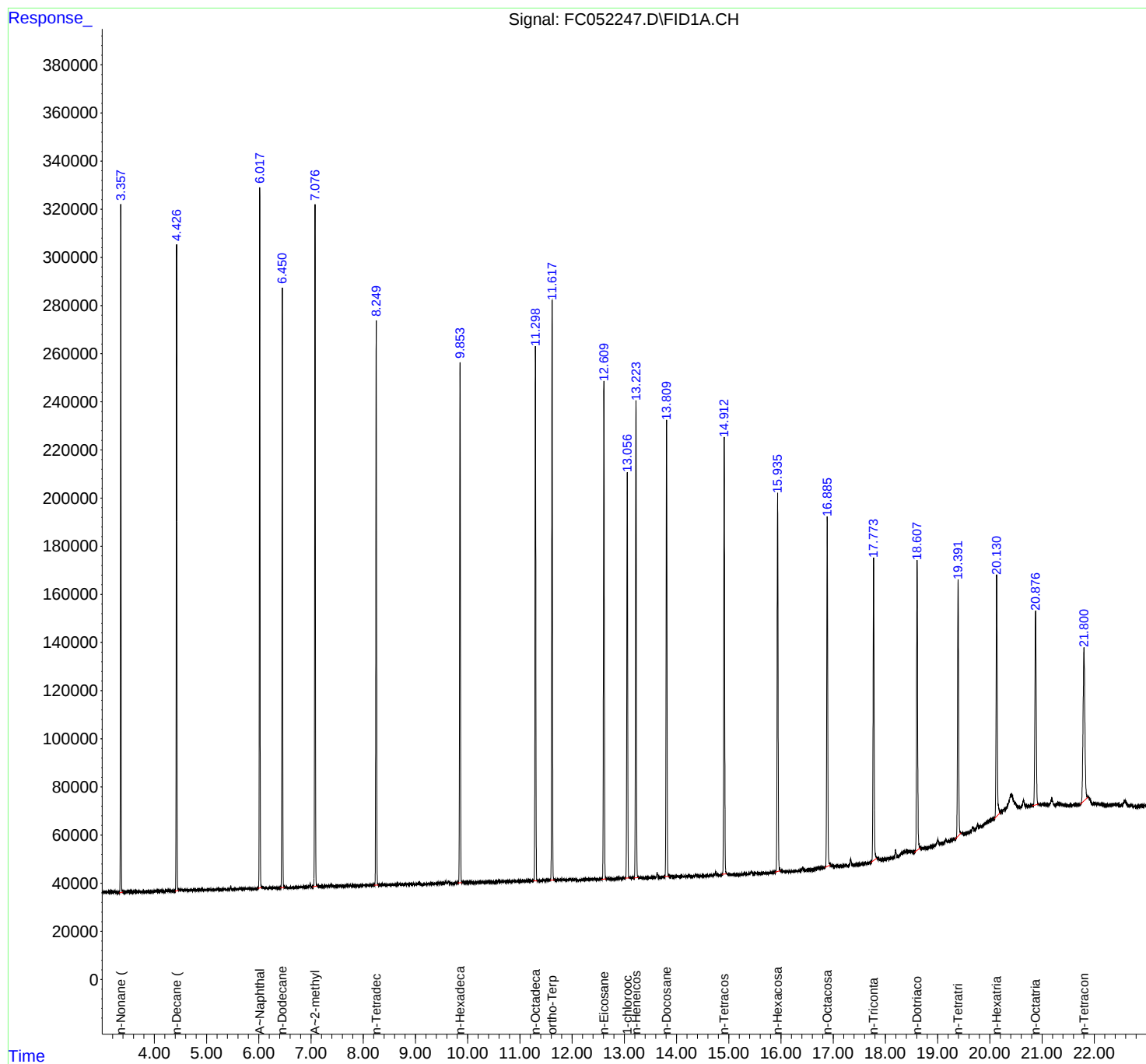
(m)=manual int.

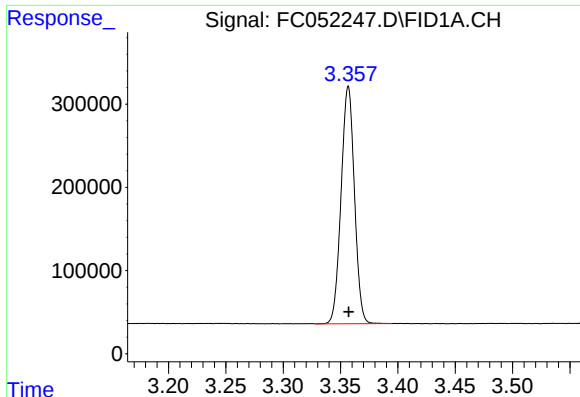
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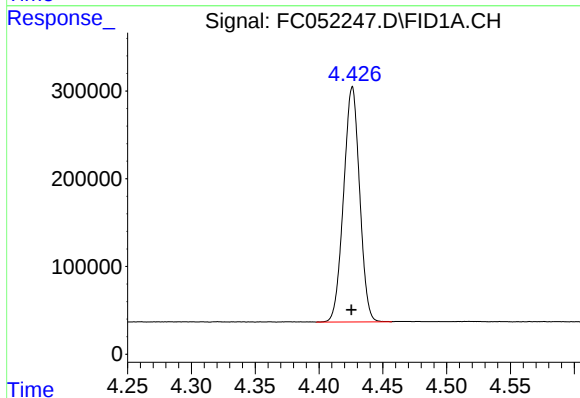




#1 n-Nonane (C9)

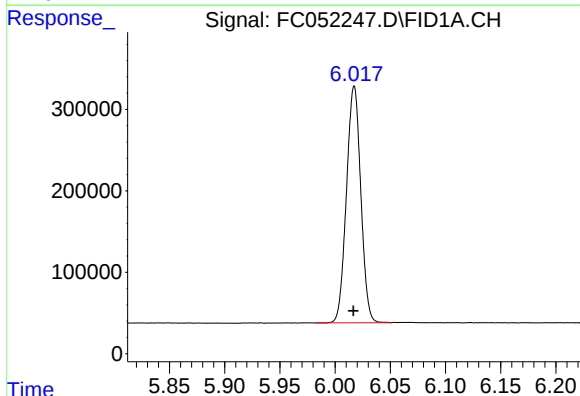
R.T.: 3.357 min  
Delta R.T.: 0.000 min  
Response: 2312265  
Conc: 19.62 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



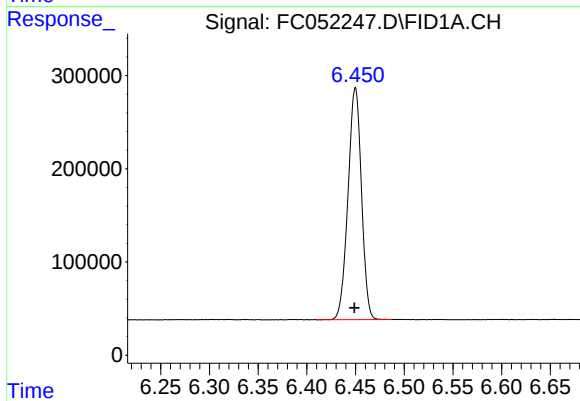
#2 n-Decane (C10)

R.T.: 4.426 min  
Delta R.T.: 0.000 min  
Response: 2341872  
Conc: 19.72 ug/ml



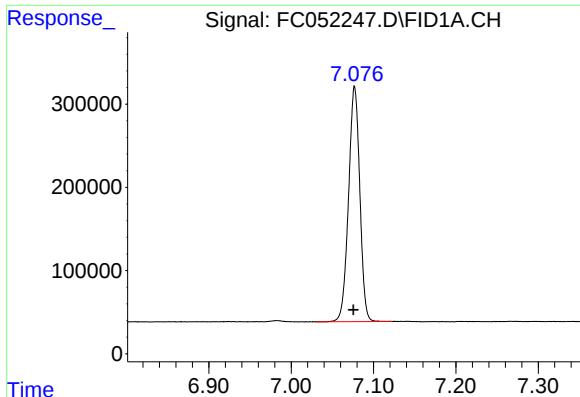
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min  
Delta R.T.: 0.000 min  
Response: 2626552  
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

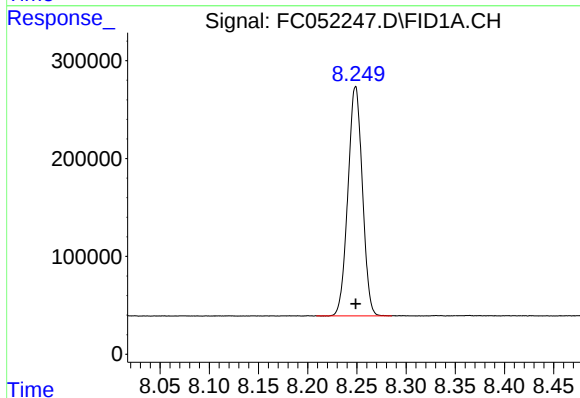
R.T.: 6.450 min  
Delta R.T.: 0.001 min  
Response: 2391683  
Conc: 19.78 ug/ml



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

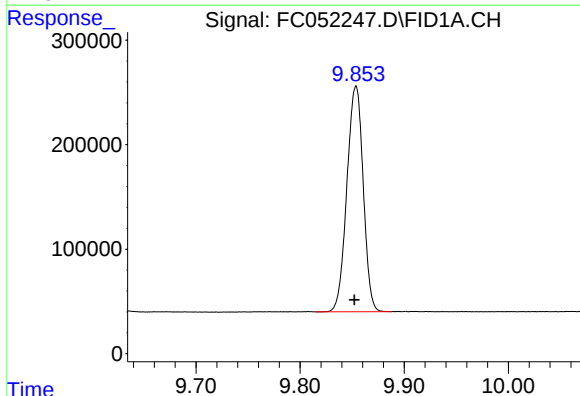
R.T.: 7.077 min  
Delta R.T.: 0.002 min  
Response: 2684201  
Conc: 19.78 ug/ml

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



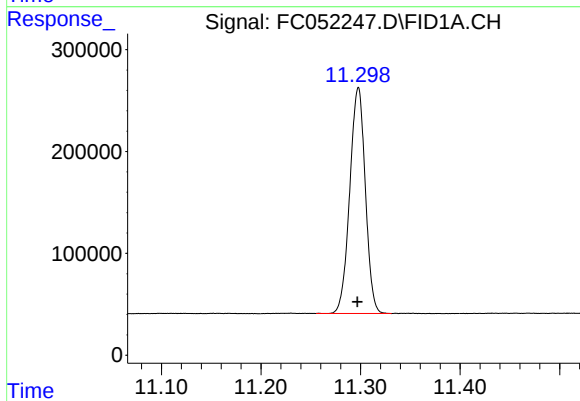
#6 n-Tetradecane (C14)

R.T.: 8.249 min  
Delta R.T.: 0.000 min  
Response: 2395223  
Conc: 19.76 ug/ml



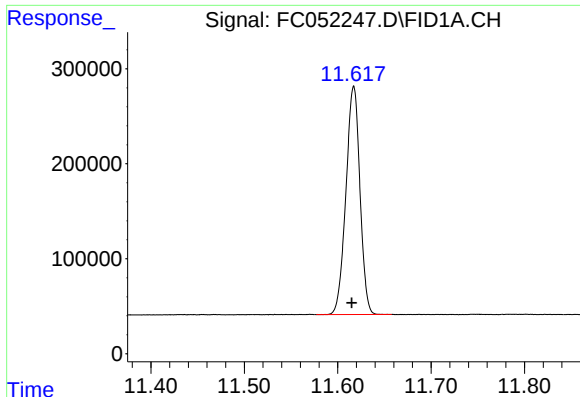
#7 n-Hexadecane (C16)

R.T.: 9.854 min  
Delta R.T.: 0.002 min  
Response: 2351248  
Conc: 19.65 ug/ml



#8 n-Octadecane (C18)

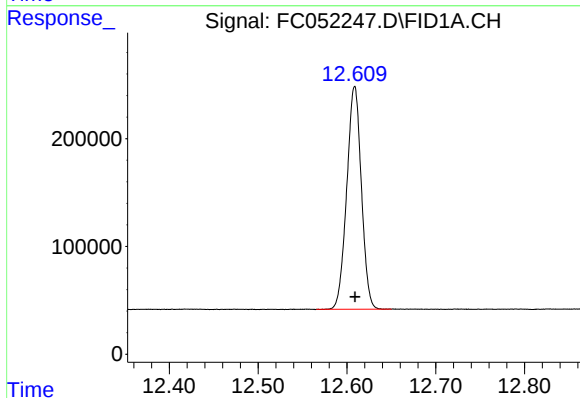
R.T.: 11.298 min  
Delta R.T.: 0.001 min  
Response: 2409841  
Conc: 19.47 ug/ml



#9 ortho-Terphenyl (SURR)

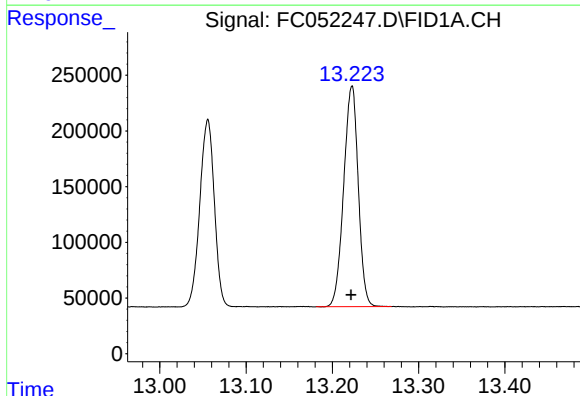
R.T.: 11.617 min  
Delta R.T.: 0.002 min  
Response: 2506914  
Conc: 19.01 ug/ml

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



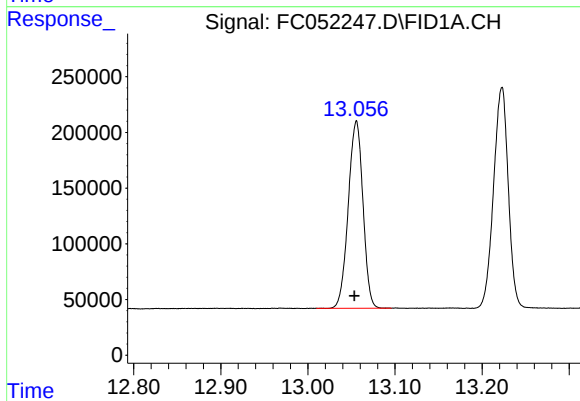
#10 n-Eicosane (C20)

R.T.: 12.609 min  
Delta R.T.: 0.000 min  
Response: 2367260  
Conc: 19.21 ug/ml



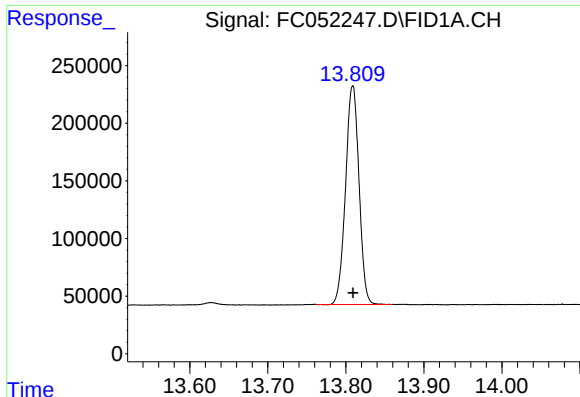
#11 n-Heneicosane (C21)

R.T.: 13.223 min  
Delta R.T.: 0.001 min  
Response: 2324247  
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

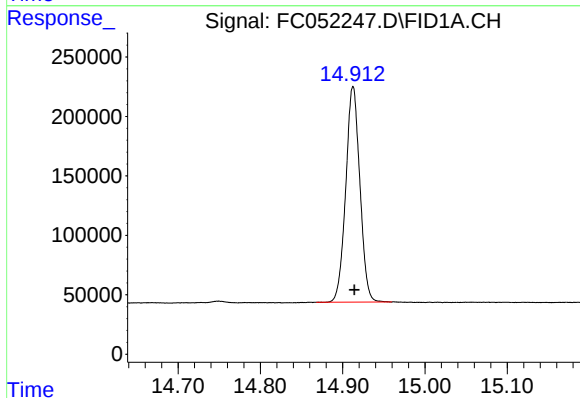
R.T.: 13.056 min  
Delta R.T.: 0.002 min  
Response: 1969272  
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

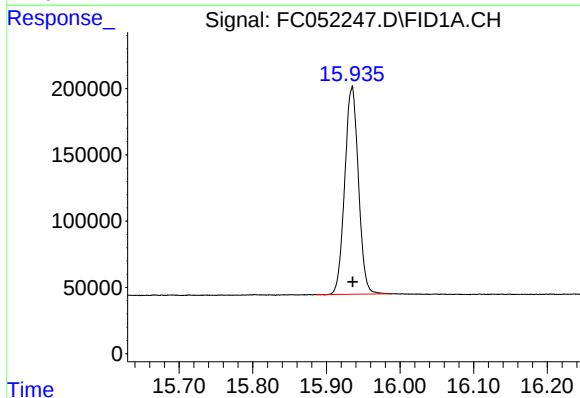
R.T.: 13.809 min  
Delta R.T.: 0.000 min  
Response: 2272621  
Conc: 18.89 ug/ml

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



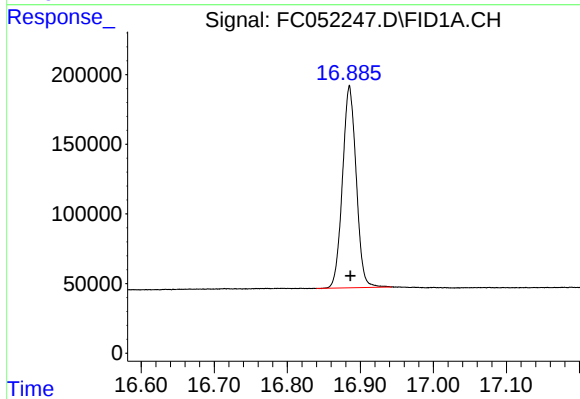
#14 n-Tetracosane (C24)

R.T.: 14.913 min  
Delta R.T.: -0.002 min  
Response: 2167668  
Conc: 18.59 ug/ml



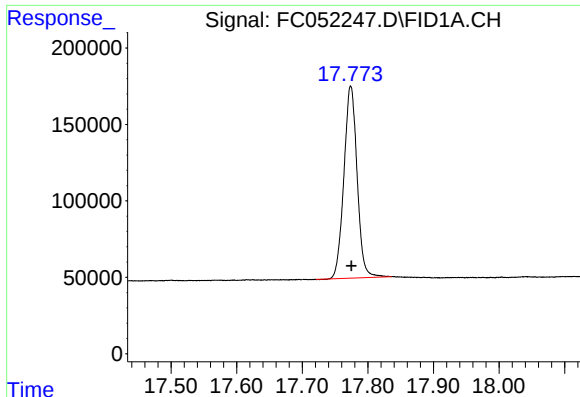
#15 n-Hexacosane (C26)

R.T.: 15.935 min  
Delta R.T.: 0.000 min  
Response: 2024364  
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

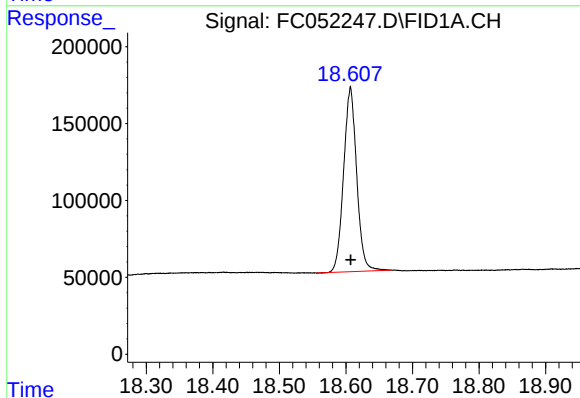
R.T.: 16.885 min  
Delta R.T.: -0.001 min  
Response: 1891532  
Conc: 18.45 ug/ml



#17 n-Tricontane (C30)

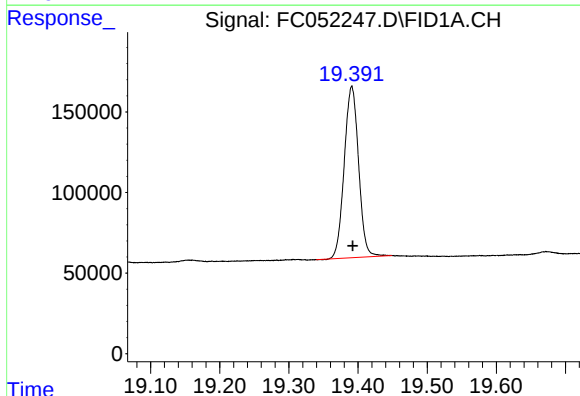
R.T.: 17.774 min  
Delta R.T.: 0.000 min  
Response: 1756933  
Conc: 18.66 ug/ml

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FID\_C  
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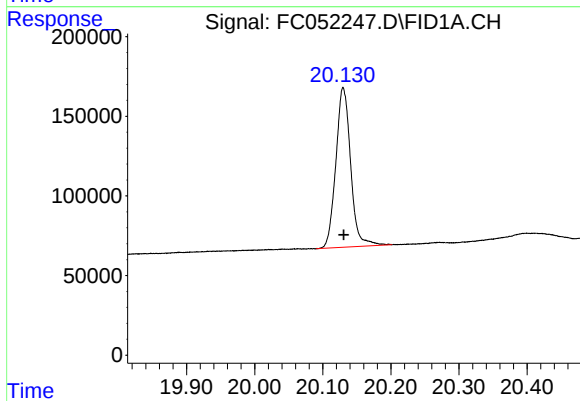
#18 n-Dotriacontane (C32)

R.T.: 18.607 min  
Delta R.T.: 0.000 min  
Response: 1633246  
Conc: 19.13 ug/ml



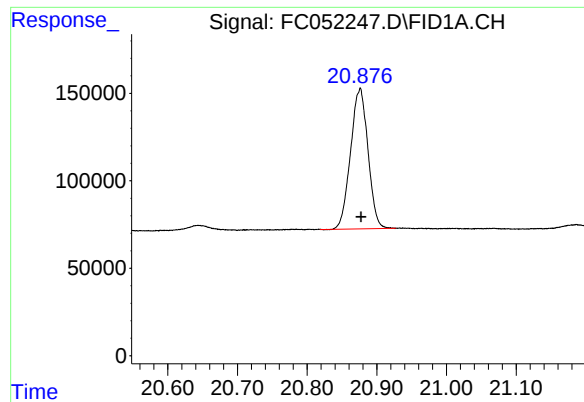
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min  
Delta R.T.: -0.001 min  
Response: 1530911  
Conc: 19.75 ug/ml



#20 n-Hexatriacontane (C36)

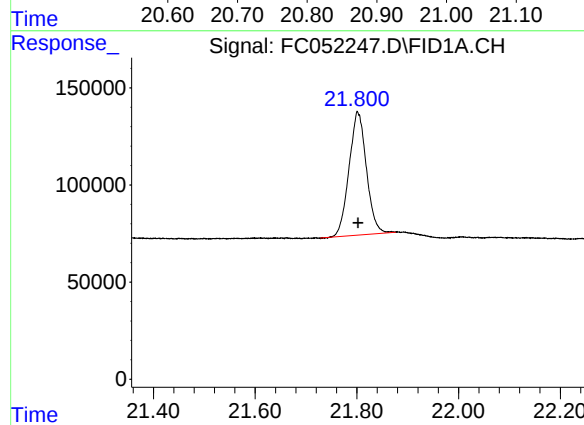
R.T.: 20.130 min  
Delta R.T.: 0.000 min  
Response: 1512919  
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.876 min  
Delta R.T.: -0.001 min  
Response: 1394368  
Conc: 20.36 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
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#22 n-Tetracontane (C40)

R.T.: 21.801 min  
Delta R.T.: -0.001 min  
Response: 1503732  
Conc: 20.91 ug/ml