

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060921AL\  
 Data File : FC054147.D  
 Signal(s) : FID1A.CH  
 Acq On : 09 Jun 2021 14:19  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 10 02:17:26 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 052721.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 28 09:04:47 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)    | 11.356 | 2882854    | 20.647 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.29%       |
| 12) S 1-chlorooctadecane (S... | 12.800 | 2201561    | 19.636 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.27%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.165  | 2658976    | 22.506 ug/ml |
| 2) T n-Decane (C10)            | 4.221  | 2730483    | 22.909 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.788  | 3017488    | 23.072 ug/ml |
| 4) T n-Dodecane (C12)          | 6.229  | 2801787    | 22.823 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.841  | 3069021    | 22.990 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.018  | 2810275    | 22.656 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.614  | 2752357    | 22.091 ug/ml |
| 8) T n-Octadecane (C18)        | 11.053 | 2796232    | 21.229 ug/ml |
| 10) T n-Eicosane (C20)         | 12.360 | 2724475    | 20.326 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.970 | 2667541    | 19.889 ug/ml |
| 13) T n-Docosane (C22)         | 13.555 | 2629835    | 19.567 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.657 | 2566378    | 19.114 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.676 | 2479784    | 18.710 ug/ml |
| 16) T n-Octacosane (C28)       | 16.625 | 2506814    | 18.985 ug/ml |
| 17) T n-Tricontane (C30)       | 17.512 | 2594786    | 19.789 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.344 | 2614039    | 20.264 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.126 | 2523291    | 20.684 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.865 | 2395721    | 21.220 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.575 | 2350857    | 23.315 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.405 | 2275688    | 22.549 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

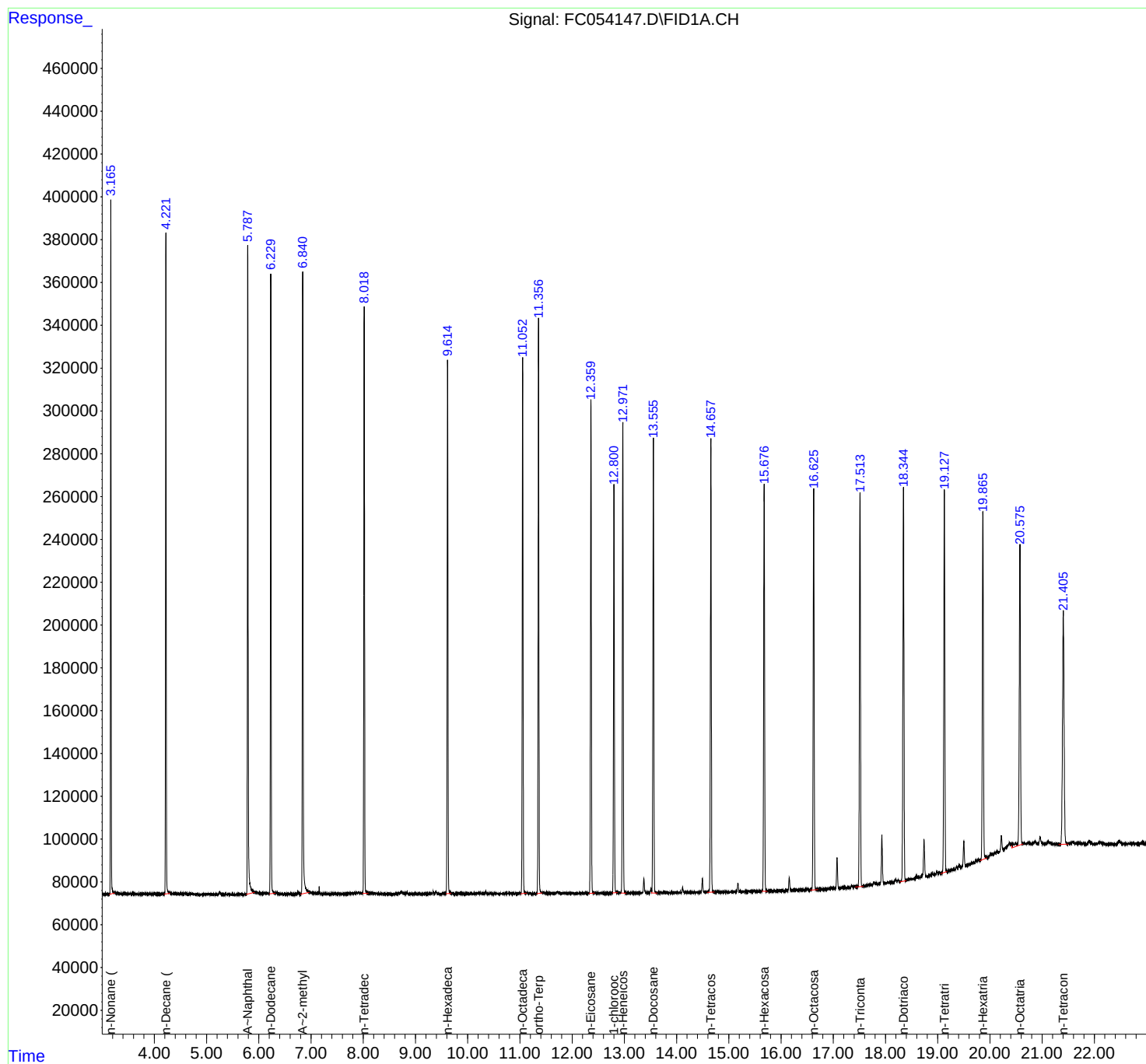
(m)=manual int.

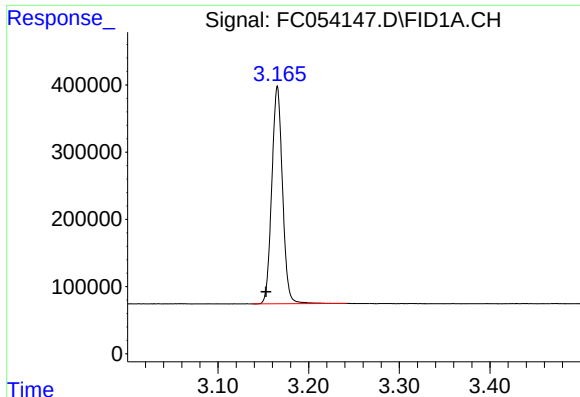
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060921AL\  
Data File : FC054147.D  
Signal(s) : FID1A.CH  
Acq On : 09 Jun 2021 14:19  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampled :

Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052721.M  
Quant Title : GC Extractables  
QLast Update : Fri May 28 09:04:47 2021  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

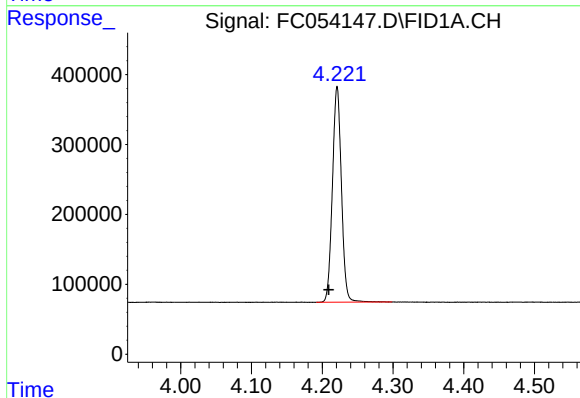




#1 n-Nonane (C9)

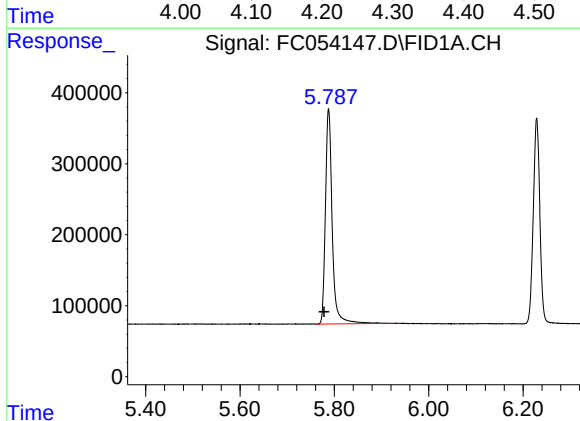
R.T.: 3.165 min  
Delta R.T.: 0.012 min  
Response: 2658976  
Conc: 22.51 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



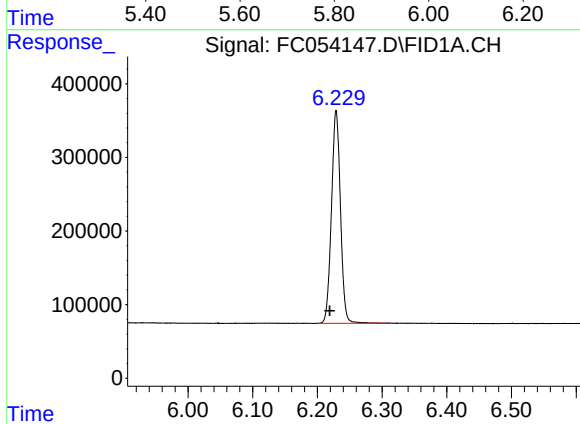
#2 n-Decane (C10)

R.T.: 4.221 min  
Delta R.T.: 0.012 min  
Response: 2730483  
Conc: 22.91 ug/ml



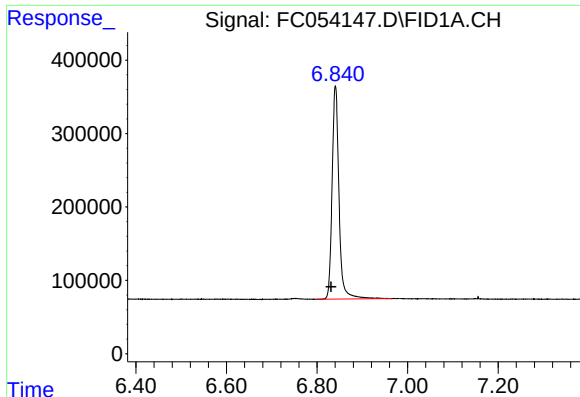
#3 A~Naphthalene (C11.7)

R.T.: 5.788 min  
Delta R.T.: 0.010 min  
Response: 3017488  
Conc: 23.07 ug/ml



#4 n-Dodecane (C12)

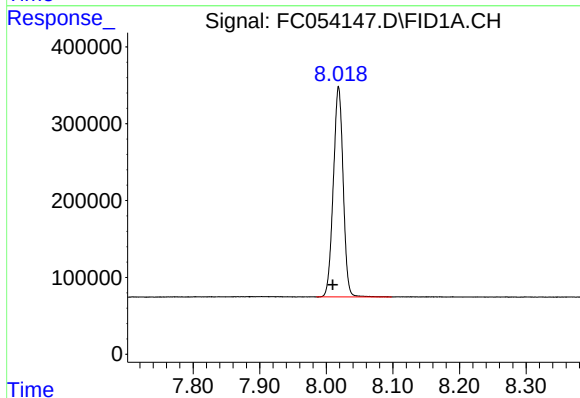
R.T.: 6.229 min  
Delta R.T.: 0.010 min  
Response: 2801787  
Conc: 22.82 ug/ml



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

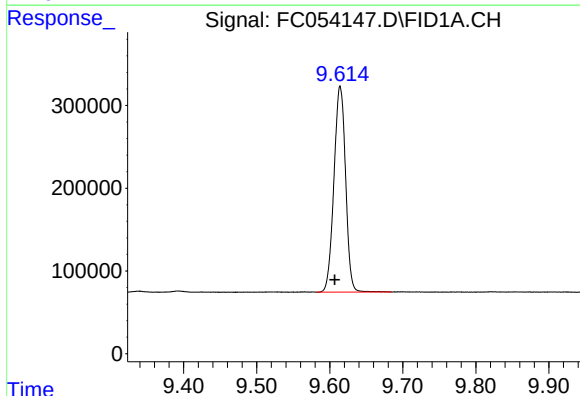
R.T.: 6.841 min  
Delta R.T.: 0.010 min  
Response: 3069021  
Conc: 22.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



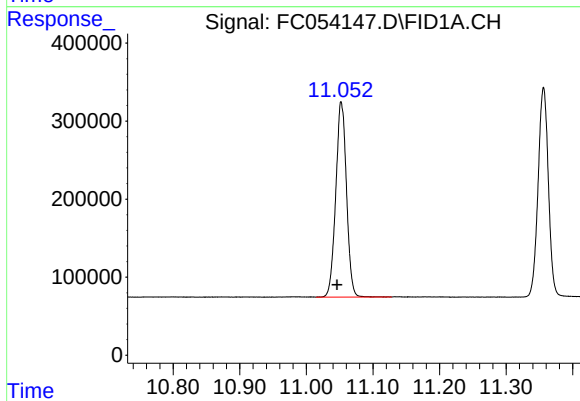
#6 n-Tetradecane (C14)

R.T.: 8.018 min  
Delta R.T.: 0.009 min  
Response: 2810275  
Conc: 22.66 ug/ml



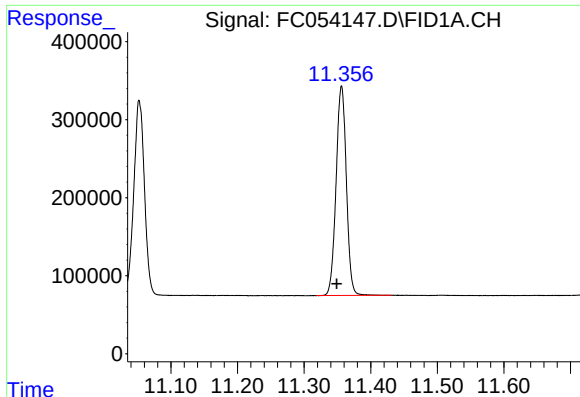
#7 n-Hexadecane (C16)

R.T.: 9.614 min  
Delta R.T.: 0.008 min  
Response: 2752357  
Conc: 22.09 ug/ml



#8 n-Octadecane (C18)

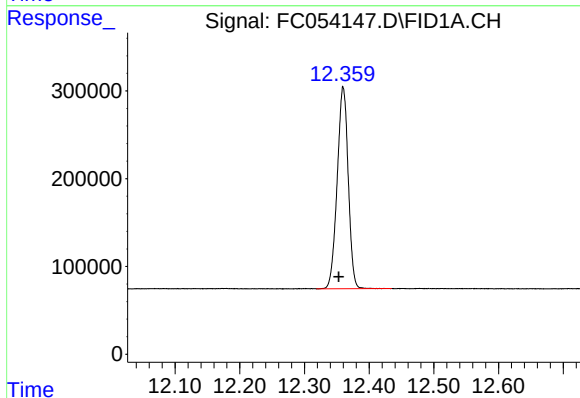
R.T.: 11.053 min  
Delta R.T.: 0.007 min  
Response: 2796232  
Conc: 21.23 ug/ml



#9 ortho-Terphenyl (SURR)

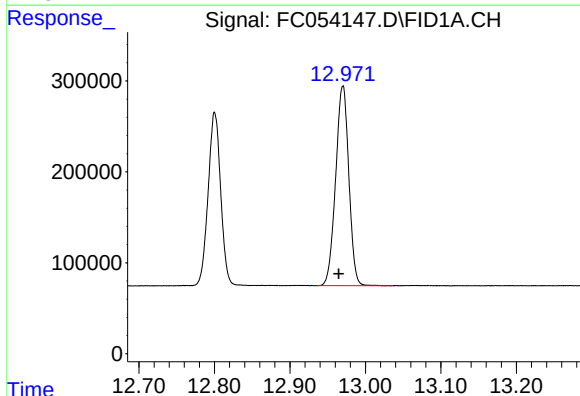
R.T.: 11.356 min  
Delta R.T.: 0.007 min  
Response: 2882854  
Conc: 20.65 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



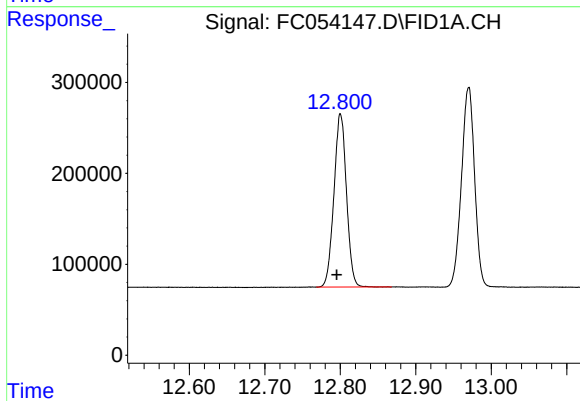
#10 n-Eicosane (C20)

R.T.: 12.360 min  
Delta R.T.: 0.007 min  
Response: 2724475  
Conc: 20.33 ug/ml



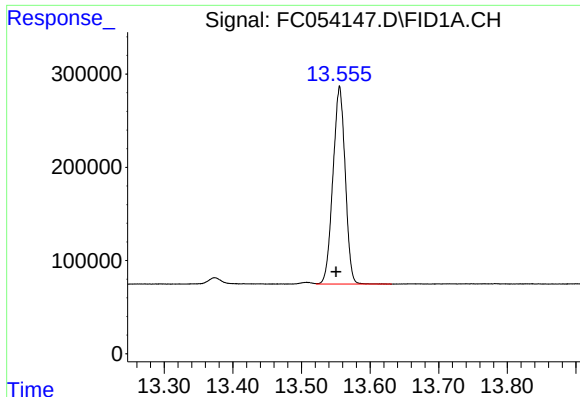
#11 n-Heneicosane (C21)

R.T.: 12.970 min  
Delta R.T.: 0.005 min  
Response: 2667541  
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

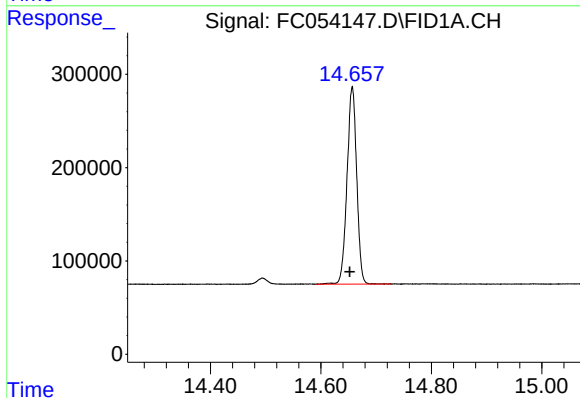
R.T.: 12.800 min  
Delta R.T.: 0.005 min  
Response: 2201561  
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

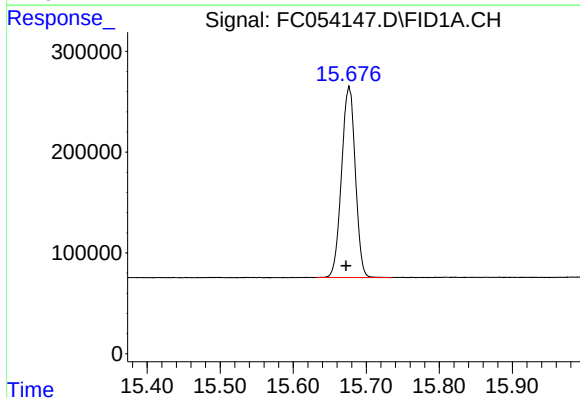
R.T.: 13.555 min  
Delta R.T.: 0.005 min  
Response: 2629835  
Conc: 19.57 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



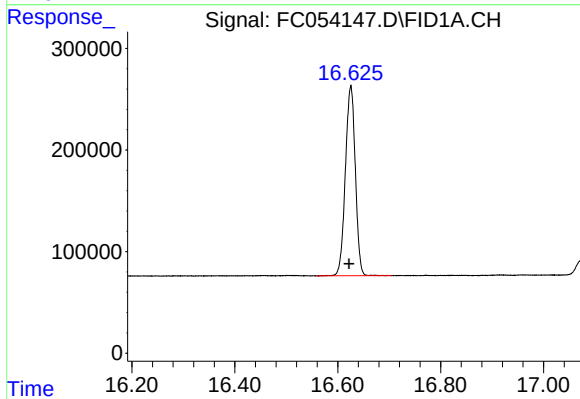
#14 n-Tetracosane (C24)

R.T.: 14.657 min  
Delta R.T.: 0.005 min  
Response: 2566378  
Conc: 19.11 ug/ml



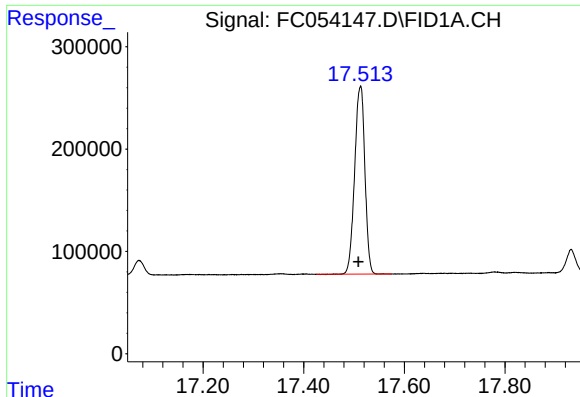
#15 n-Hexacosane (C26)

R.T.: 15.676 min  
Delta R.T.: 0.004 min  
Response: 2479784  
Conc: 18.71 ug/ml



#16 n-Octacosane (C28)

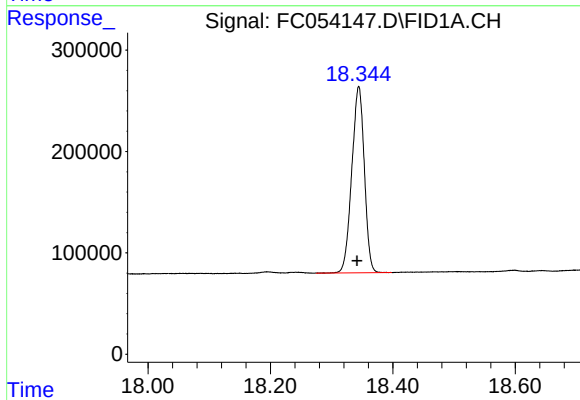
R.T.: 16.625 min  
Delta R.T.: 0.003 min  
Response: 2506814  
Conc: 18.99 ug/ml



#17 n-Tricontane (C30)

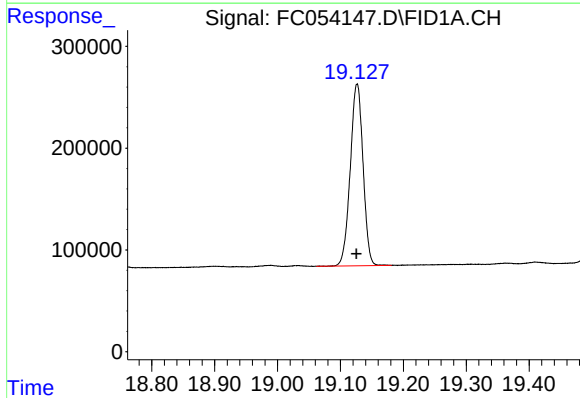
R.T.: 17.512 min  
Delta R.T.: 0.003 min  
Response: 2594786  
Conc: 19.79 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



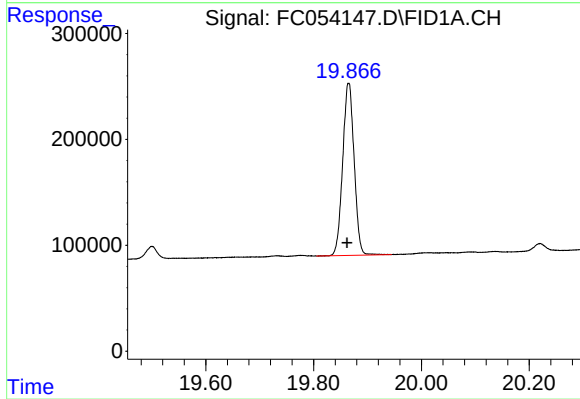
#18 n-Dotriacontane (C32)

R.T.: 18.344 min  
Delta R.T.: 0.003 min  
Response: 2614039  
Conc: 20.26 ug/ml



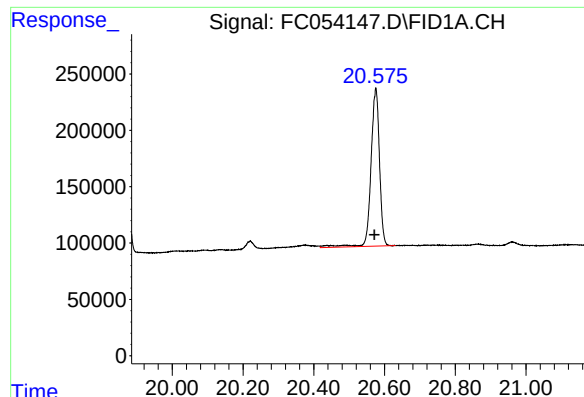
#19 n-Tetratriacontane (C34)

R.T.: 19.126 min  
Delta R.T.: 0.000 min  
Response: 2523291  
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

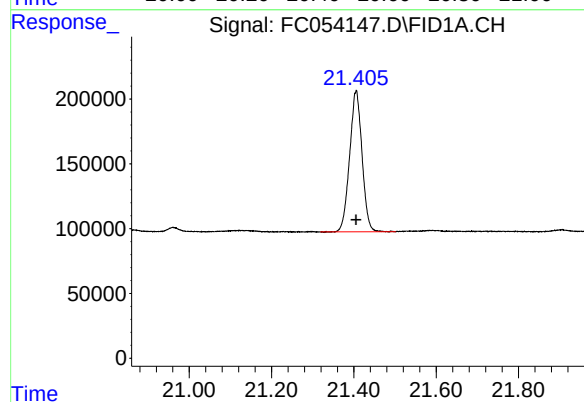
R.T.: 19.865 min  
Delta R.T.: 0.003 min  
Response: 2395721  
Conc: 21.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.575 min  
Delta R.T.: 0.003 min  
Response: 2350857  
Conc: 23.31 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.405 min  
Delta R.T.: 0.000 min  
Response: 2275688  
Conc: 22.55 ug/ml