

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032522AL\  
 Data File : FC058897.D  
 Signal(s) : FID1A.CH  
 Acq On : 26 Mar 2022 14:40  
 Operator : UA/NP  
 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 26 23:43:28 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032522.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 25 23:18:46 2022  
 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)    | 11.099 | 2809900    | 19.502 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.00%       |
| 12) S 1-chlorooctadecane (S... | 12.548 | 2179435    | 19.443 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.89%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.956  | 2375070    | 19.381 ug/ml |
| 2) T n-Decane (C10)            | 3.999  | 2367575    | 19.320 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.547  | 2452804    | 19.536 ug/ml |
| 4) T n-Dodecane (C12)          | 5.998  | 2478372    | 19.404 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.596  | 2486712    | 19.397 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.782  | 2529387    | 19.454 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.374  | 2554815    | 19.239 ug/ml |
| 8) T n-Octadecane (C18)        | 10.808 | 2574987    | 19.367 ug/ml |
| 10) T n-Eicosane (C20)         | 12.111 | 2549136    | 19.455 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.720 | 2544331    | 19.500 ug/ml |
| 13) T n-Docosane (C22)         | 13.303 | 2525361    | 19.494 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.401 | 2462215    | 19.491 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.417 | 2350894    | 19.462 ug/ml |
| 16) T n-Octacosane (C28)       | 16.364 | 2293880    | 19.372 ug/ml |
| 17) T n-Tricontane (C30)       | 17.246 | 2200254    | 19.287 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.077 | 2074776    | 19.367 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.857 | 1960802    | 19.407 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.595 | 1851358    | 19.376 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.292 | 1799205    | 19.553 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.036 | 1803175    | 19.402 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

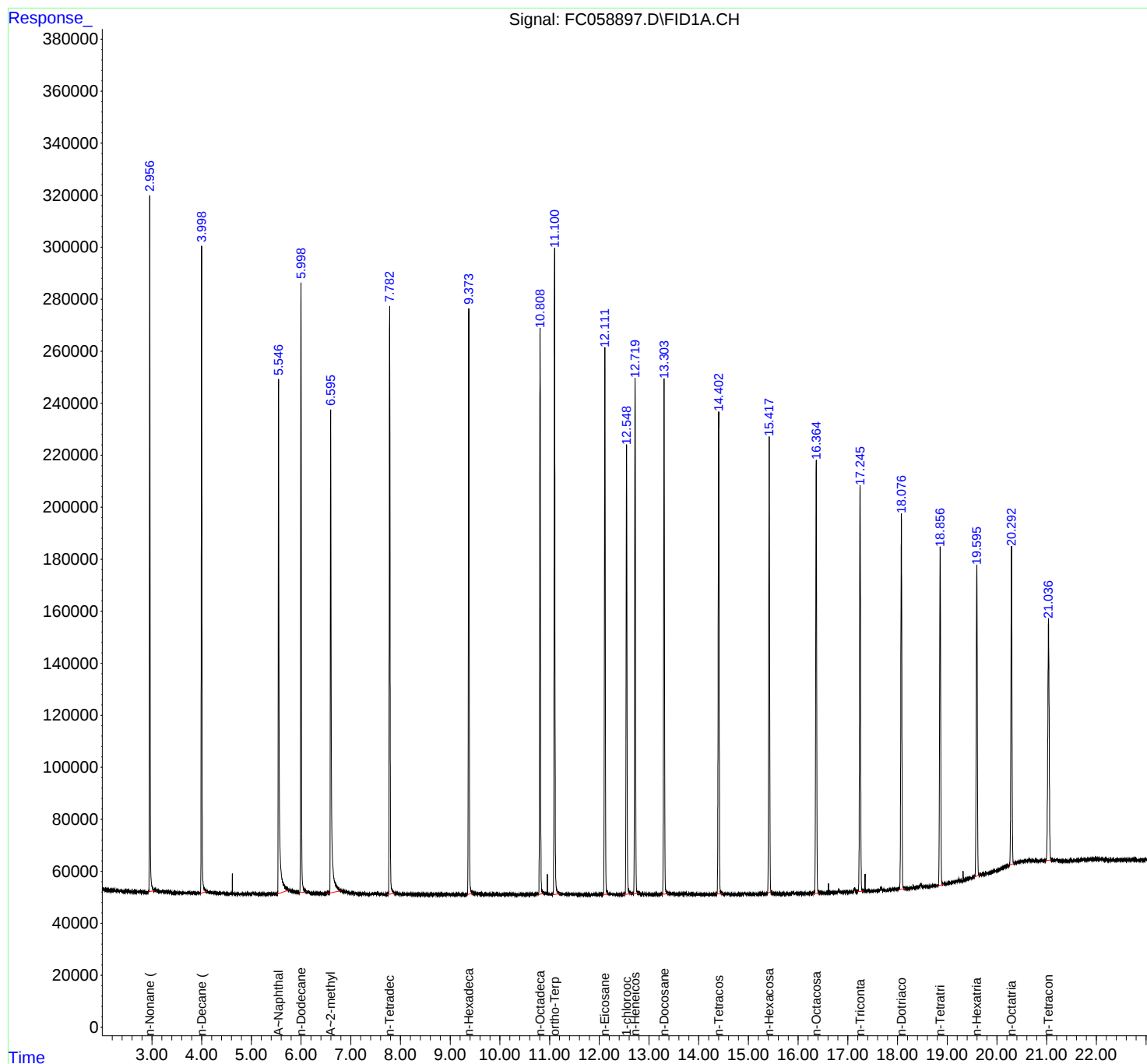
(m)=manual int.

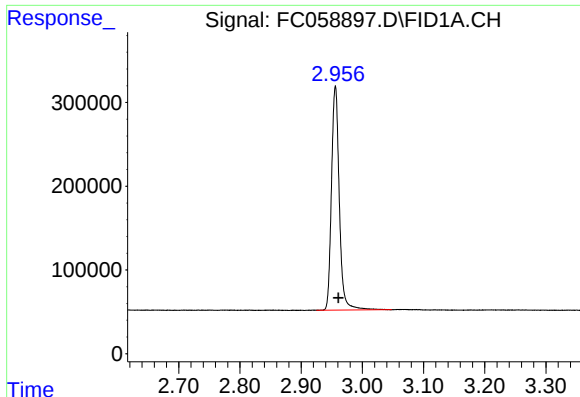
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032522AL\  
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Volume Inj. : 1 ul  
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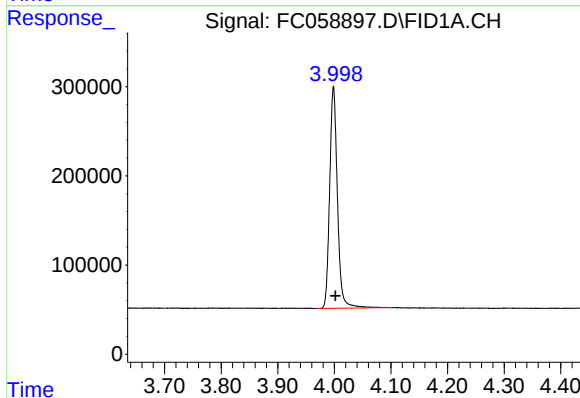




#1 n-Nonane (C9)

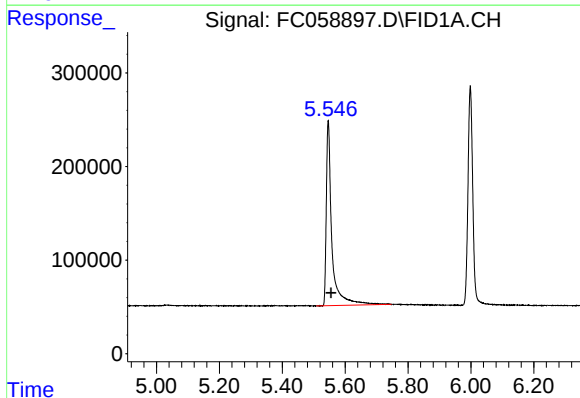
R.T.: 2.956 min  
Delta R.T.: -0.005 min  
Response: 2375070  
Conc: 19.38 ug/ml

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



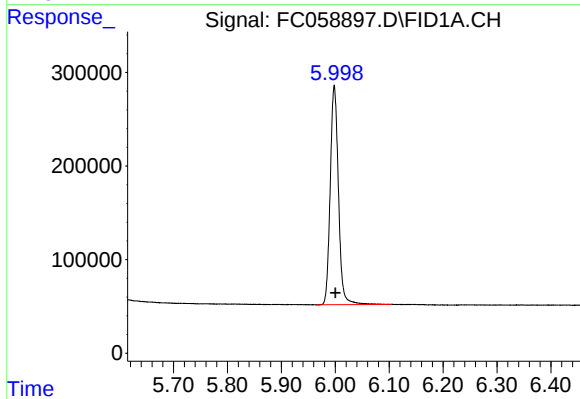
#2 n-Decane (C10)

R.T.: 3.999 min  
Delta R.T.: -0.003 min  
Response: 2367575  
Conc: 19.32 ug/ml



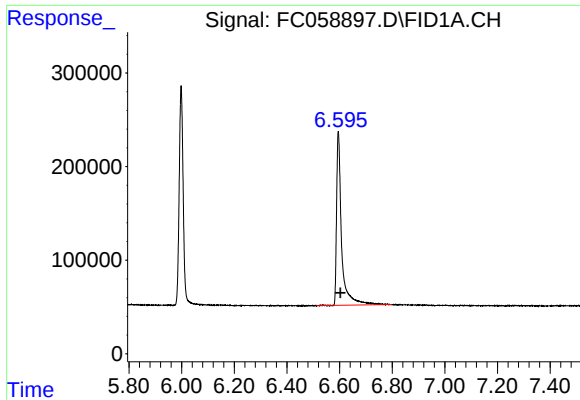
#3 A~Naphthalene (C11.7)

R.T.: 5.547 min  
Delta R.T.: -0.009 min  
Response: 2452804  
Conc: 19.54 ug/ml



#4 n-Dodecane (C12)

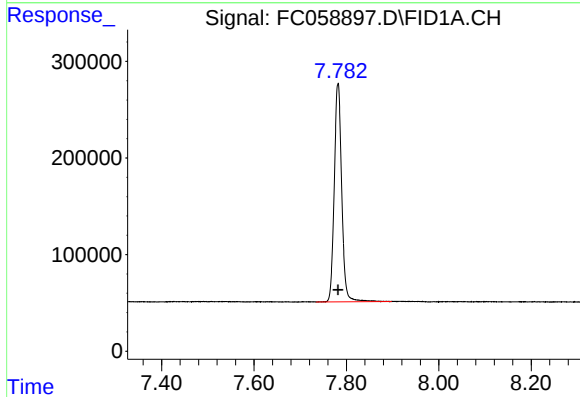
R.T.: 5.998 min  
Delta R.T.: -0.002 min  
Response: 2478372  
Conc: 19.40 ug/ml



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

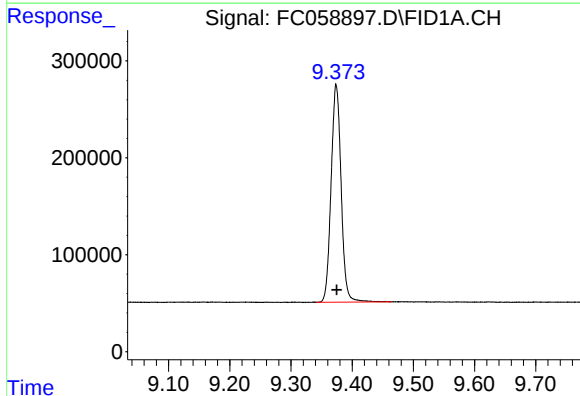
R.T.: 6.596 min  
Delta R.T.: -0.007 min  
Response: 2486712  
Conc: 19.40 ug/ml

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



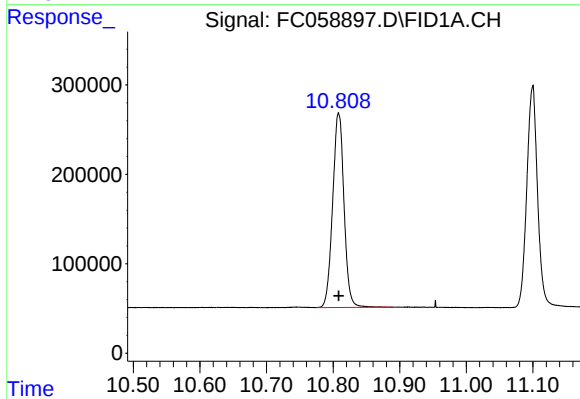
#6 n-Tetradecane (C14)

R.T.: 7.782 min  
Delta R.T.: 0.000 min  
Response: 2529387  
Conc: 19.45 ug/ml



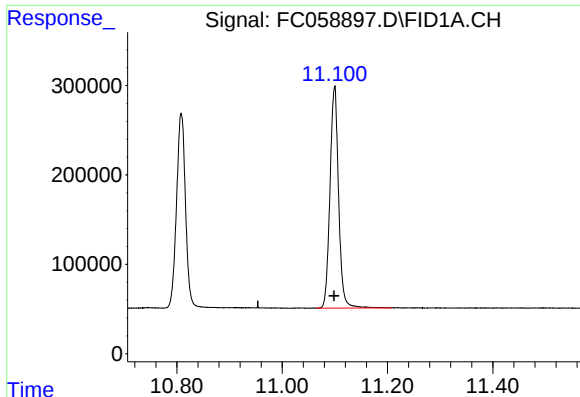
#7 n-Hexadecane (C16)

R.T.: 9.374 min  
Delta R.T.: 0.000 min  
Response: 2554815  
Conc: 19.24 ug/ml



#8 n-Octadecane (C18)

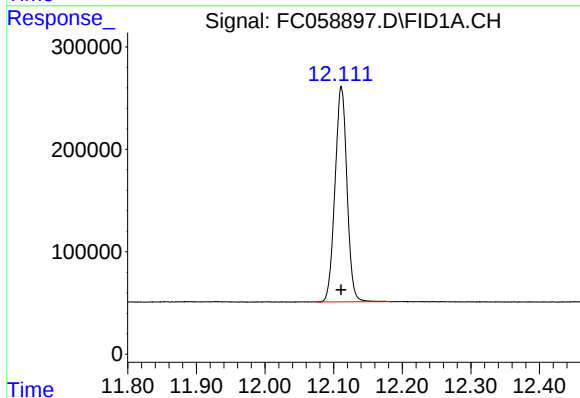
R.T.: 10.808 min  
Delta R.T.: 0.000 min  
Response: 2574987  
Conc: 19.37 ug/ml



#9 ortho-Terphenyl (SURR)

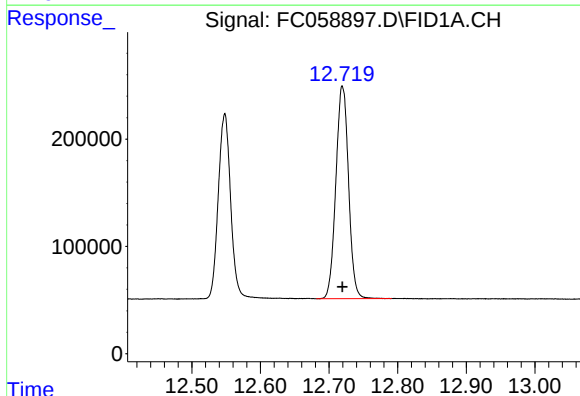
R.T.: 11.099 min  
Delta R.T.: 0.000 min  
Response: 2809900  
Conc: 19.50 ug/ml

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



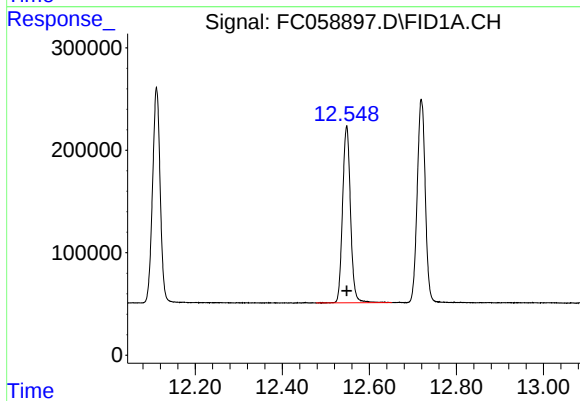
#10 n-Eicosane (C20)

R.T.: 12.111 min  
Delta R.T.: 0.000 min  
Response: 2549136  
Conc: 19.46 ug/ml



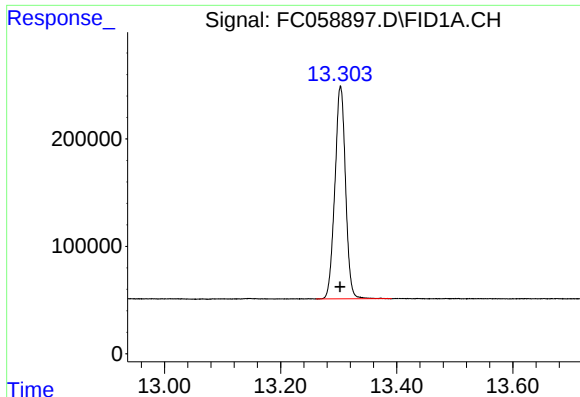
#11 n-Heneicosane (C21)

R.T.: 12.720 min  
Delta R.T.: 0.000 min  
Response: 2544331  
Conc: 19.50 ug/ml



#12 1-chlorooctadecane (SURR)

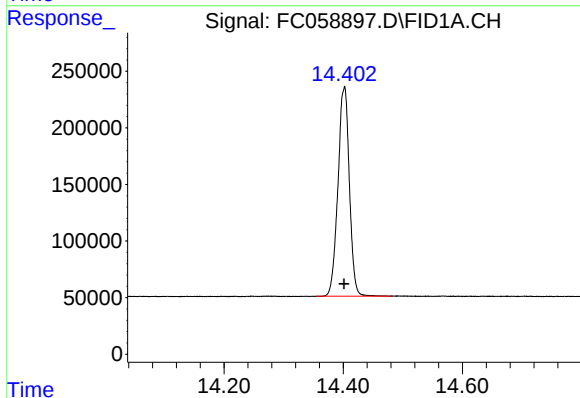
R.T.: 12.548 min  
Delta R.T.: 0.000 min  
Response: 2179435  
Conc: 19.44 ug/ml



#13 n-Docosane (C22)

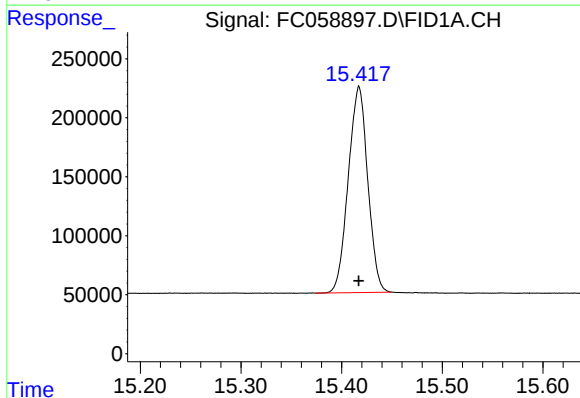
R.T.: 13.303 min  
Delta R.T.: 0.000 min  
Response: 2525361  
Conc: 19.49 ug/ml

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



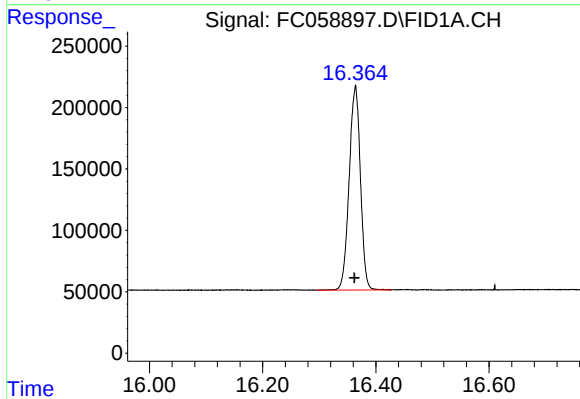
#14 n-Tetracosane (C24)

R.T.: 14.401 min  
Delta R.T.: 0.000 min  
Response: 2462215  
Conc: 19.49 ug/ml



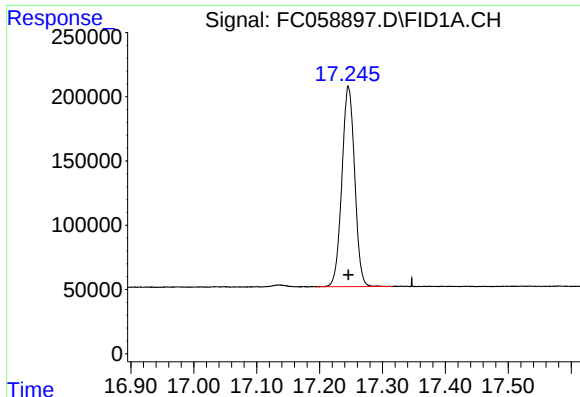
#15 n-Hexacosane (C26)

R.T.: 15.417 min  
Delta R.T.: 0.000 min  
Response: 2350894  
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

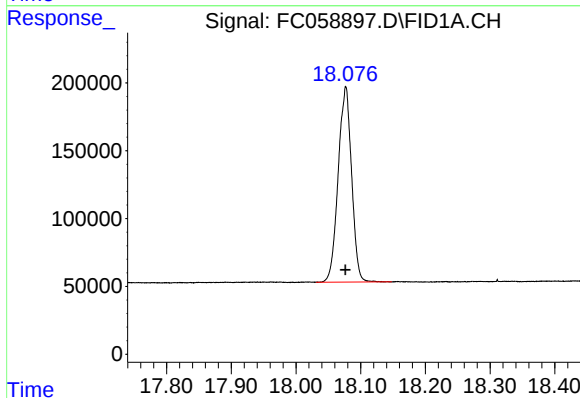
R.T.: 16.364 min  
Delta R.T.: 0.001 min  
Response: 2293880  
Conc: 19.37 ug/ml



#17 n-Tricontane (C30)

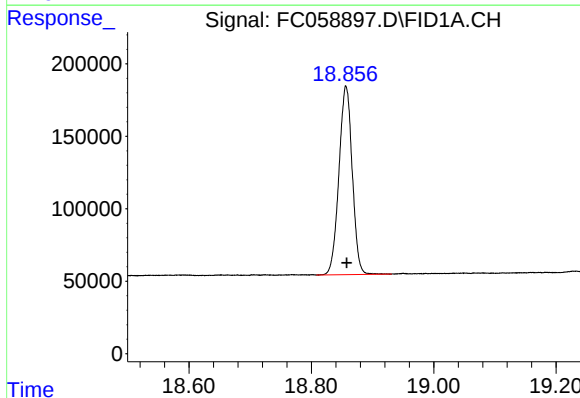
R.T.: 17.246 min  
Delta R.T.: 0.000 min  
Response: 2200254  
Conc: 19.29 ug/ml

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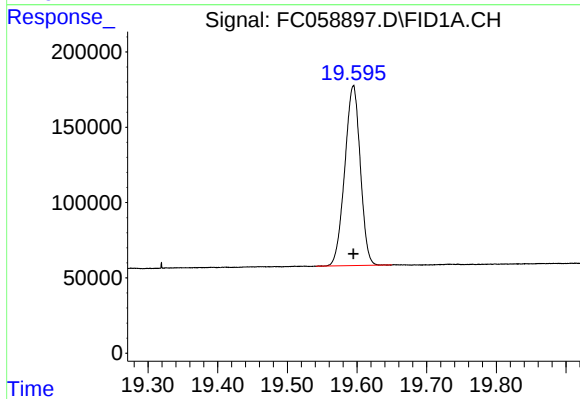
#18 n-Dotriacontane (C32)

R.T.: 18.077 min  
Delta R.T.: 0.000 min  
Response: 2074776  
Conc: 19.37 ug/ml



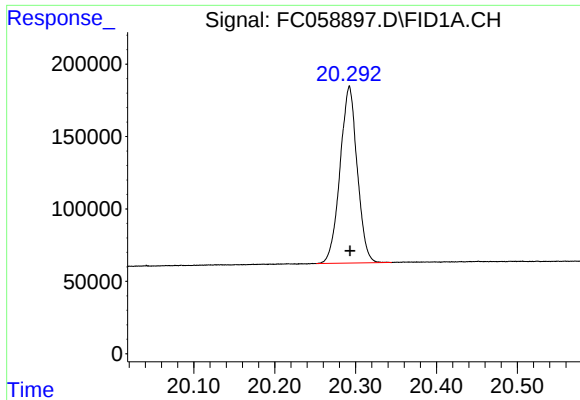
#19 n-Tetratriacontane (C34)

R.T.: 18.857 min  
Delta R.T.: -0.001 min  
Response: 1960802  
Conc: 19.41 ug/ml



#20 n-Hexatriacontane (C36)

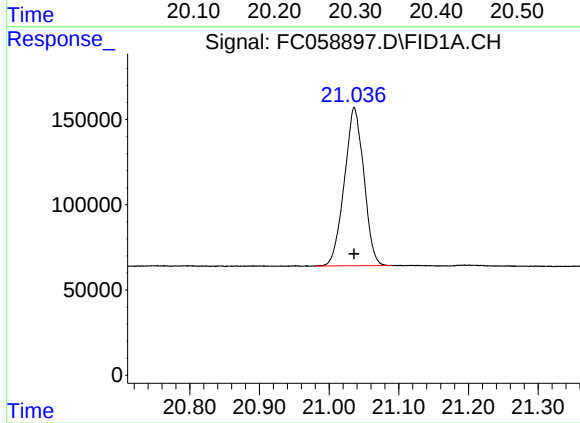
R.T.: 19.595 min  
Delta R.T.: 0.000 min  
Response: 1851358  
Conc: 19.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.292 min  
Delta R.T.: -0.001 min  
Response: 1799205  
Conc: 19.55 ug/ml

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

R.T.: 21.036 min  
Delta R.T.: 0.000 min  
Response: 1803175  
Conc: 19.40 ug/ml