

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC031521AL\  
 Data File : FC052424.D  
 Signal(s) : FID1A.CH  
 Acq On : 15 Mar 2021 11:34  
 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

Manual Integrations  
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 3/16/2021 11:19:14 AM

Integration File: autoint1.e  
 Quant Time: Mar 16 01:30:14 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)    | 11.608 | 2415253    | 18.315 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.63%        |
| 12) S 1-chlorooctadecane (S... | 13.045 | 1882710    | 18.103 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.21%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.350  | 2352392    | 19.957 ug/ml  |
| 2) T n-Decane (C10)            | 4.420  | 2367815    | 19.937 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.010  | 2633802    | 19.836 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.443  | 2411730    | 19.950 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.070  | 2678714    | 19.735 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.242  | 2409022    | 19.869 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.845  | 2335235    | 19.517 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.289 | 2364374    | 19.100 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.600 | 2281702    | 18.518 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.212 | 2222408    | 18.205 ug/ml  |
| 13) T n-Docosane (C22)         | 13.798 | 2163893    | 17.984 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.903 | 2049386    | 17.579 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.925 | 1933979    | 17.605 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.874 | 1854137    | 18.089 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.762 | 1788379    | 18.997 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.595 | 1728404    | 20.243 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.378 | 1692900    | 21.836 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.117 | 1641349    | 22.842 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.859 | 1590779    | 23.223 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.784 | 1692302    | 23.534 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH  
Acq On : 15 Mar 2021 11:34  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

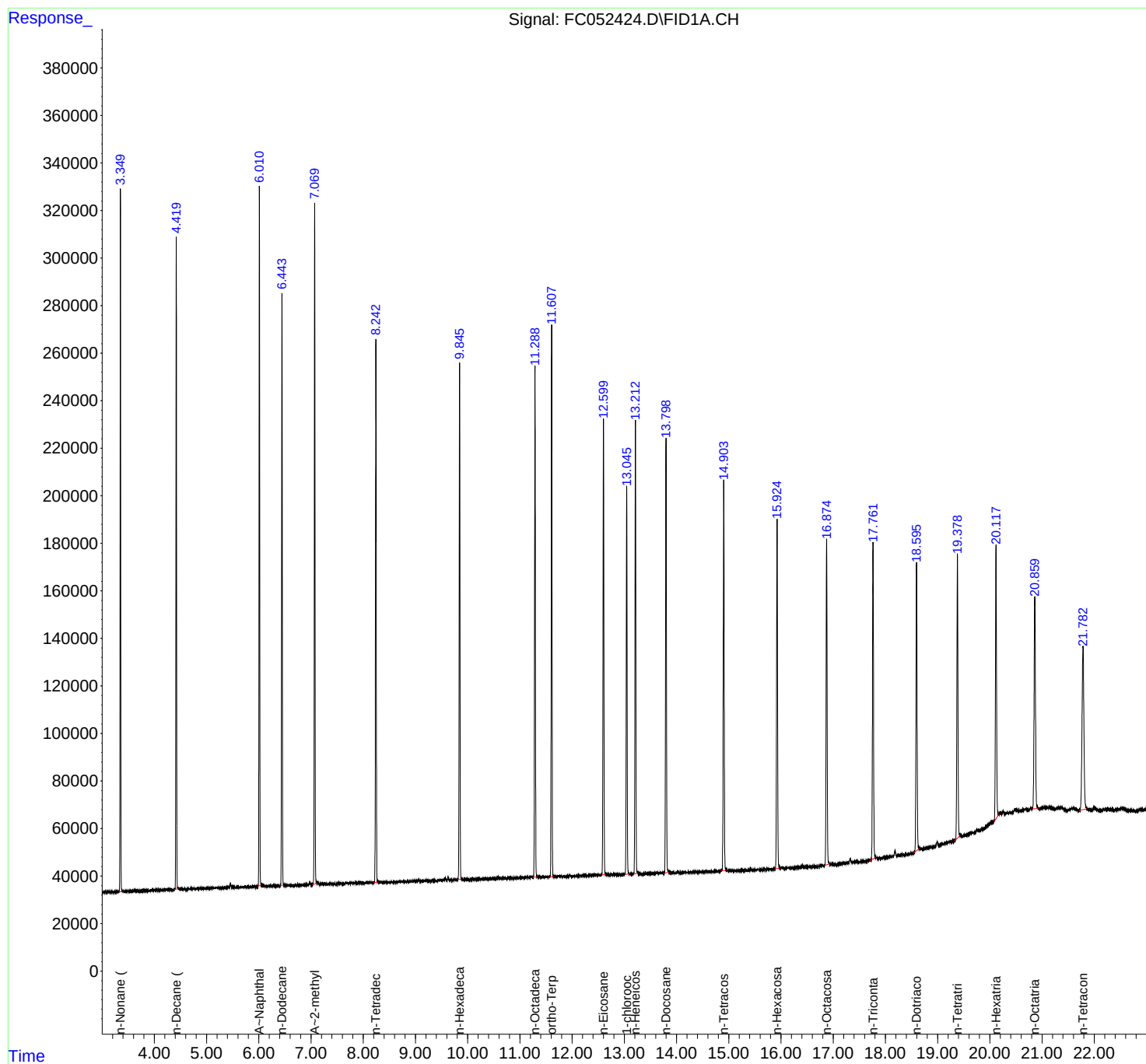
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

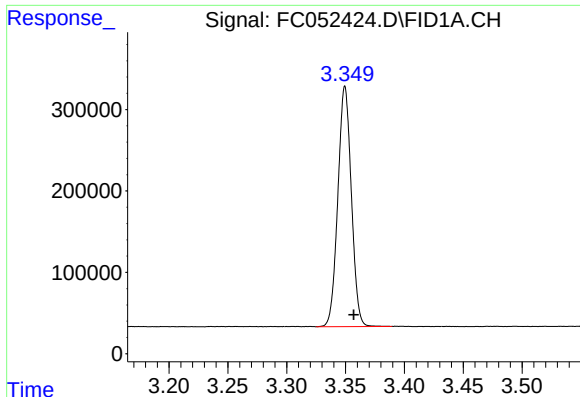
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Volume Inj. : 1 ul  
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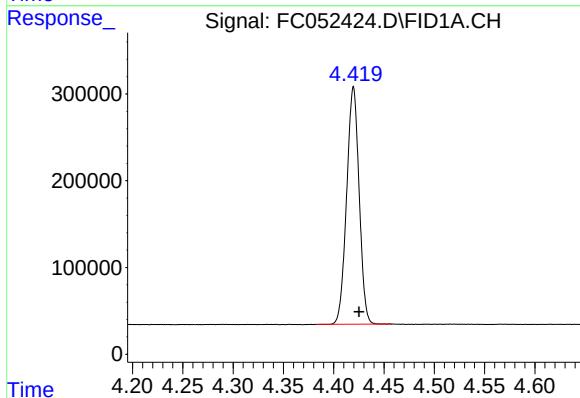
#1 n-Nonane (C9)

R.T.: 3.350 min  
Delta R.T.: -0.007 min  
Response: 2352392  
Conc: 19.96 ug/ml

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

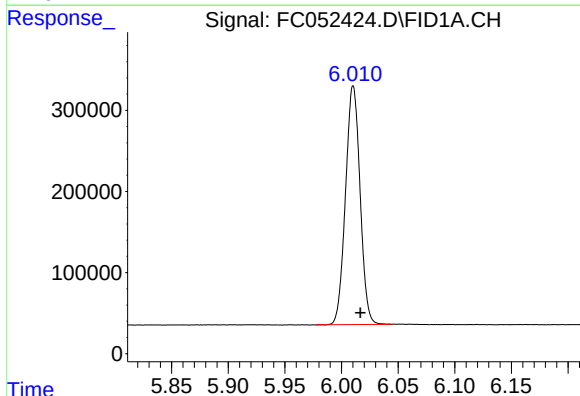
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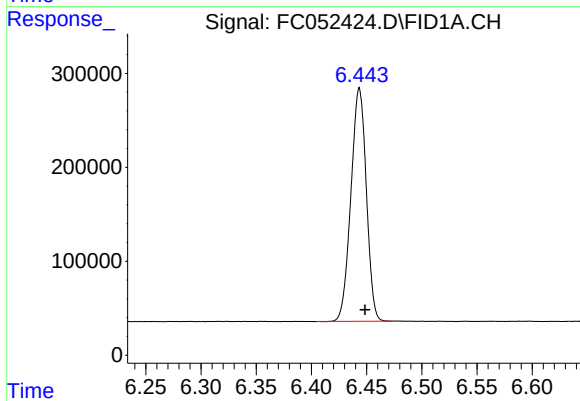
#2 n-Decane (C10)

R.T.: 4.420 min  
Delta R.T.: -0.006 min  
Response: 2367815  
Conc: 19.94 ug/ml



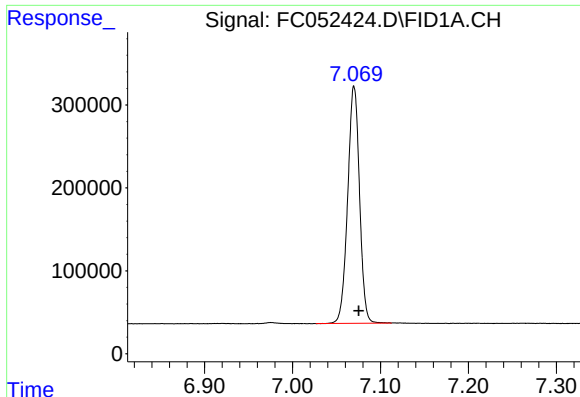
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min  
Delta R.T.: -0.006 min  
Response: 2633802  
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.443 min  
Delta R.T.: -0.005 min  
Response: 2411730  
Conc: 19.95 ug/ml



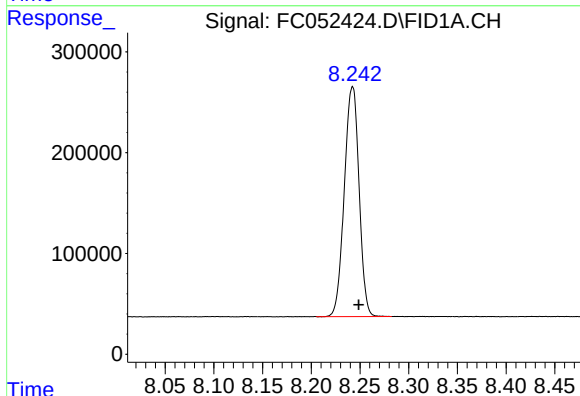
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.070 min  
Delta R.T.: -0.005 min  
Response: 2678714  
Conc: 19.74 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

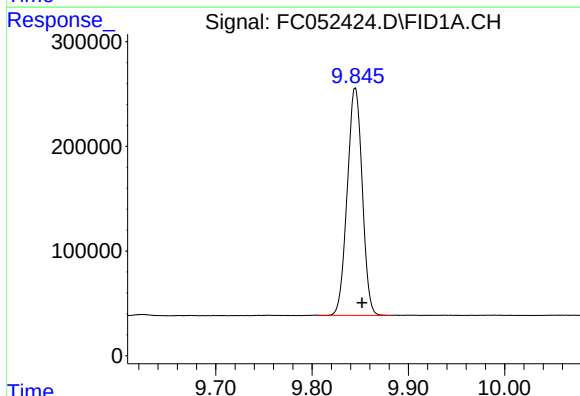
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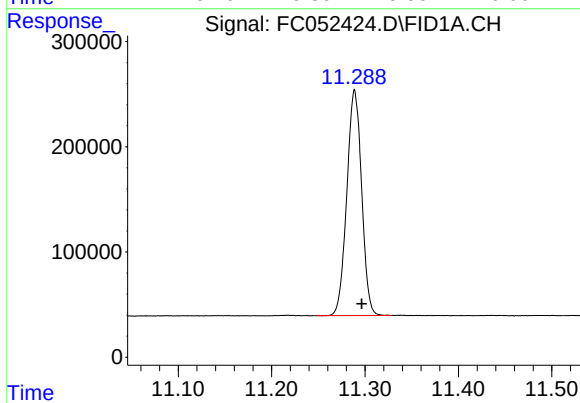
#6 n-Tetradecane (C14)

R.T.: 8.242 min  
Delta R.T.: -0.007 min  
Response: 2409022  
Conc: 19.87 ug/ml



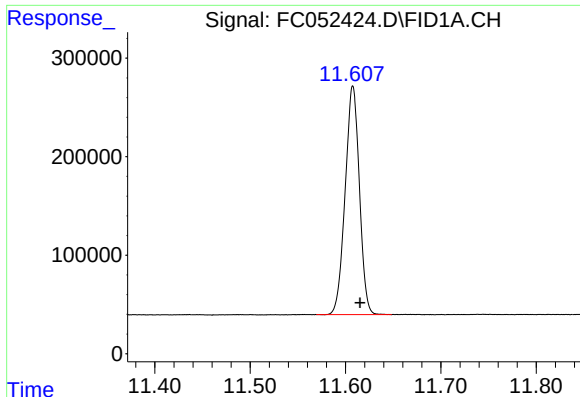
#7 n-Hexadecane (C16)

R.T.: 9.845 min  
Delta R.T.: -0.007 min  
Response: 2335235  
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.289 min  
Delta R.T.: -0.008 min  
Response: 2364374  
Conc: 19.10 ug/ml



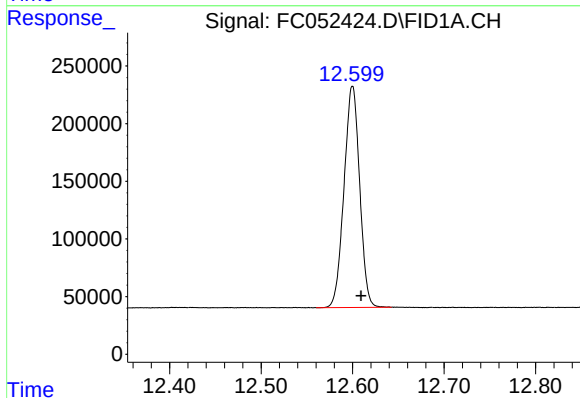
#9 ortho-Terphenyl (SURR)

R.T.: 11.608 min  
Delta R.T.: -0.007 min  
Response: 2415253  
Conc: 18.31 ug/ml

Instrument :  
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20 PPM ALIPHATIC HC STD

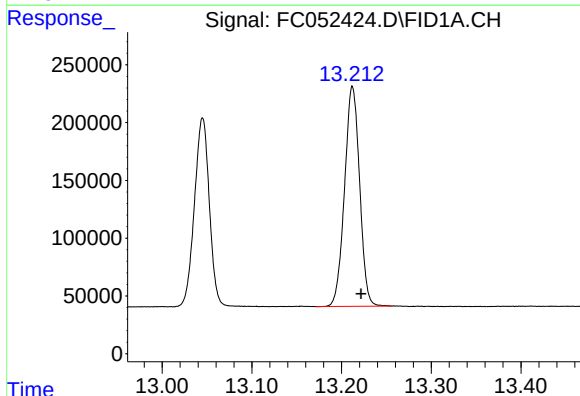
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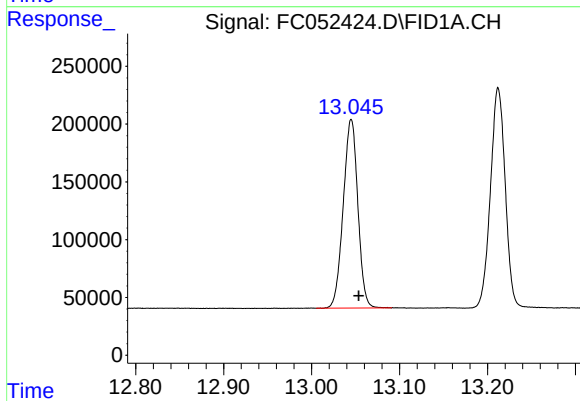
#10 n-Eicosane (C20)

R.T.: 12.600 min  
Delta R.T.: -0.009 min  
Response: 2281702  
Conc: 18.52 ug/ml



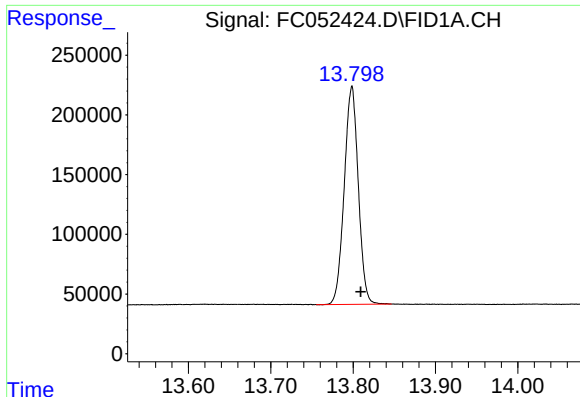
#11 n-Heneicosane (C21)

R.T.: 13.212 min  
Delta R.T.: -0.010 min  
Response: 2222408  
Conc: 18.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.045 min  
Delta R.T.: -0.008 min  
Response: 1882710  
Conc: 18.10 ug/ml



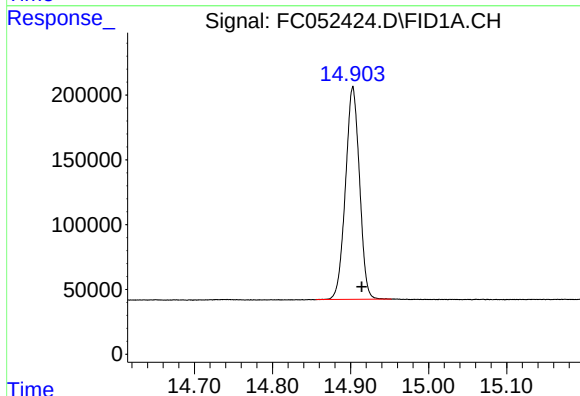
#13 n-Docosane (C22)

R.T.: 13.798 min  
Delta R.T.: -0.011 min  
Response: 2163893  
Conc: 17.98 ug/ml

Instrument :  
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20 PPM ALIPHATIC HC STD

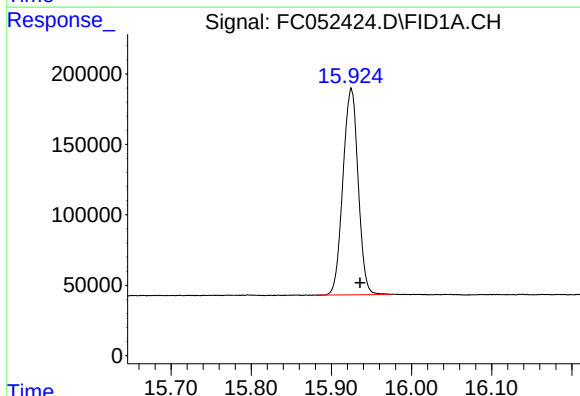
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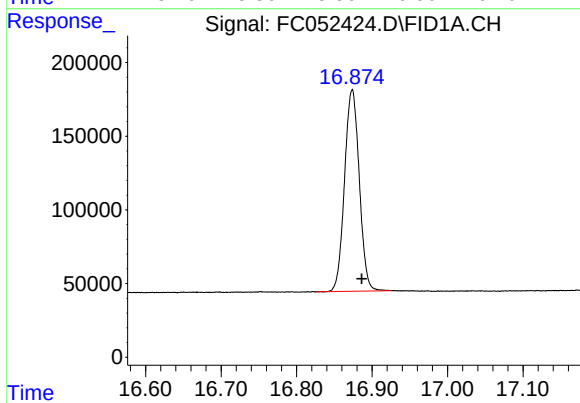
#14 n-Tetracosane (C24)

R.T.: 14.903 min  
Delta R.T.: -0.011 min  
Response: 2049386  
Conc: 17.58 ug/ml



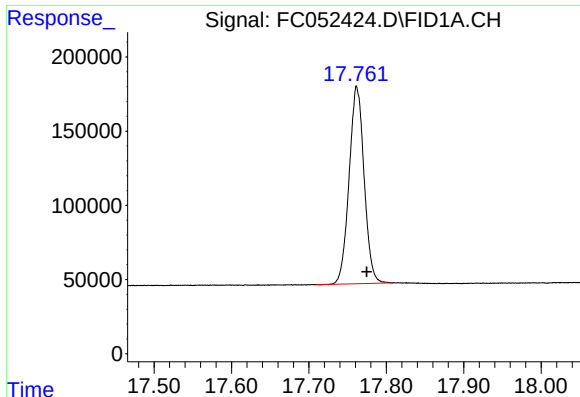
#15 n-Hexacosane (C26)

R.T.: 15.925 min  
Delta R.T.: -0.011 min  
Response: 1933979  
Conc: 17.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.874 min  
Delta R.T.: -0.013 min  
Response: 1854137  
Conc: 18.09 ug/ml



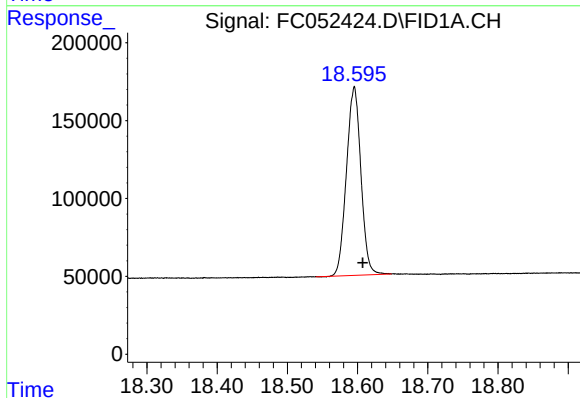
#17 n-Tricontane (C30)

R.T.: 17.762 min  
Delta R.T.: -0.013 min  
Response: 1788379  
Conc: 19.00 ug/ml

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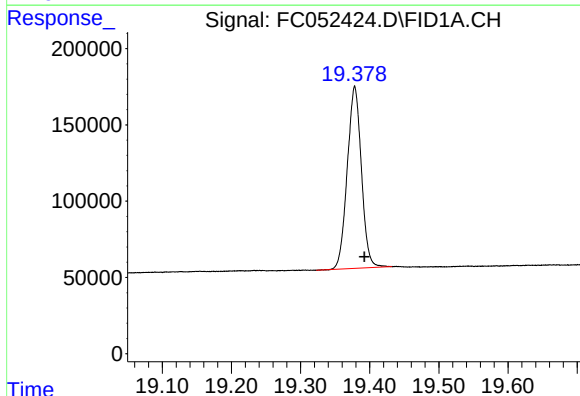
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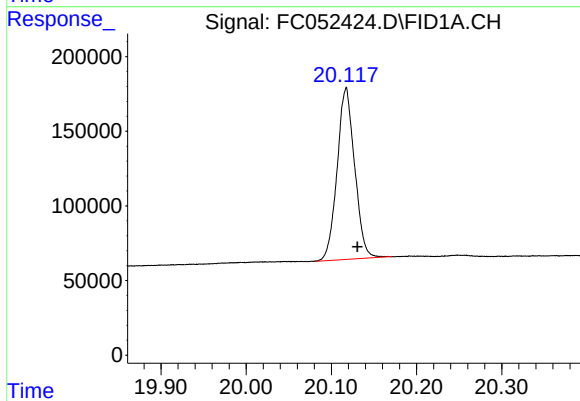
#18 n-Dotriacontane (C32)

R.T.: 18.595 min  
Delta R.T.: -0.012 min  
Response: 1728404  
Conc: 20.24 ug/ml



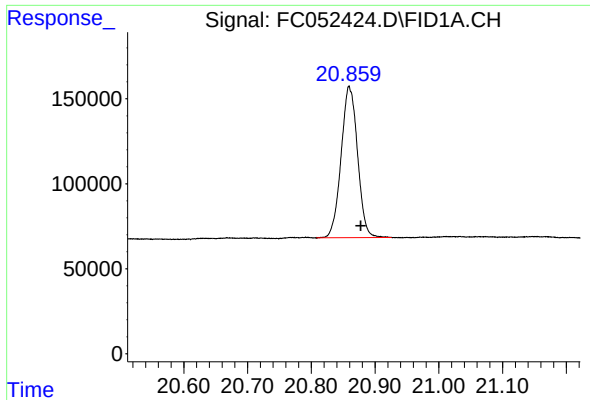
#19 n-Tetratriacontane (C34)

R.T.: 19.378 min  
Delta R.T.: -0.014 min  
Response: 1692900  
Conc: 21.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.117 min  
Delta R.T.: -0.013 min  
Response: 1641349  
Conc: 22.84 ug/ml m



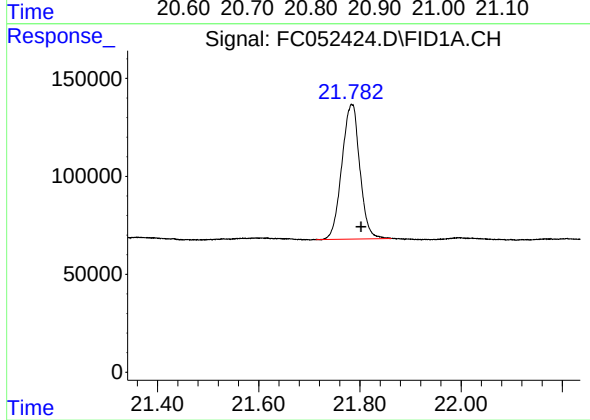
#21 n-Octatriacontane (C38)

R.T.: 20.859 min  
Delta R.T.: -0.018 min  
Response: 1590779  
Conc: 23.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.784 min  
Delta R.T.: -0.018 min  
Response: 1692302  
Conc: 23.53 ug/ml