

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC090920AL\  
 Data File : FC049484.D  
 Signal(s) : FID1A.CH  
 Acq On : 09 Sep 2020 13:29  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 10 03:25:26 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 05:58:47 2020  
 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)    | 11.665 | 2285410    | 19.891 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.78%        |
| 12) S 1-chlorooctadecane (S... | 13.098 | 1778098    | 19.962 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.92%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.404  | 2064468    | 19.956 ug/ml  |
| 2) T n-Decane (C10)            | 4.477  | 2072566    | 19.954 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.073  | 2306686    | 20.062 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.501  | 2107470    | 19.937 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.132  | 2339040    | 20.006 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.298  | 2101119    | 19.917 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.899  | 2060857    | 19.803 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.342 | 2138696    | 19.900 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.651 | 2135757    | 19.945 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.263 | 2126216    | 19.980 ug/ml  |
| 13) T n-Docosane (C22)         | 13.849 | 2110798    | 19.947 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.951 | 2093712    | 20.008 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.972 | 2047834    | 20.032 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.920 | 2016995    | 20.070 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.807 | 1966409    | 20.196 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.636 | 1808251    | 20.011 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.419 | 1721241    | 20.107 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.156 | 1654648    | 20.538 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.906 | 1580688    | 20.879 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.852 | 1559781    | 20.046 ug/ml  |
| -----                          |        |            |               |

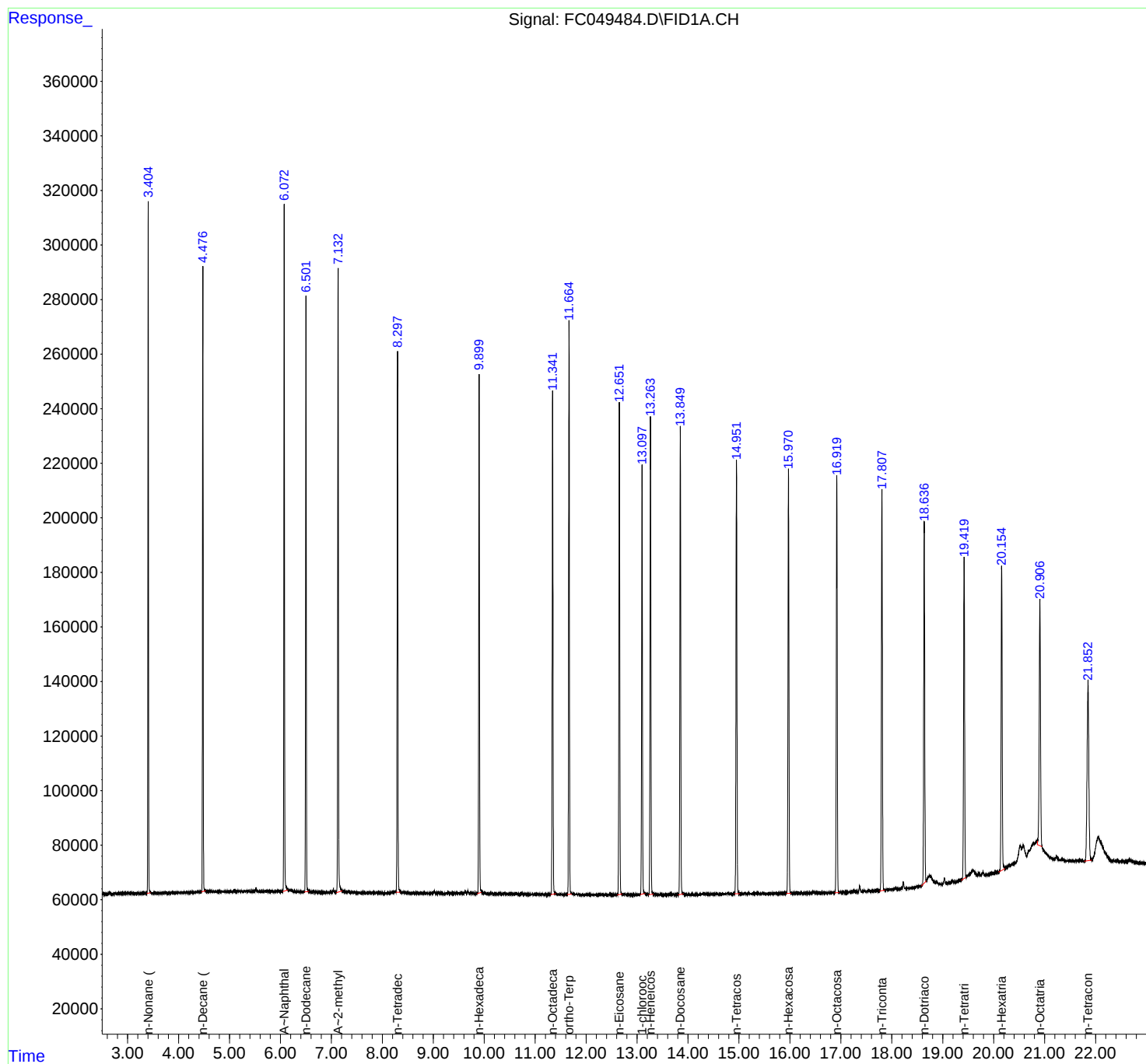
(f)=RT Delta > 1/2 Window

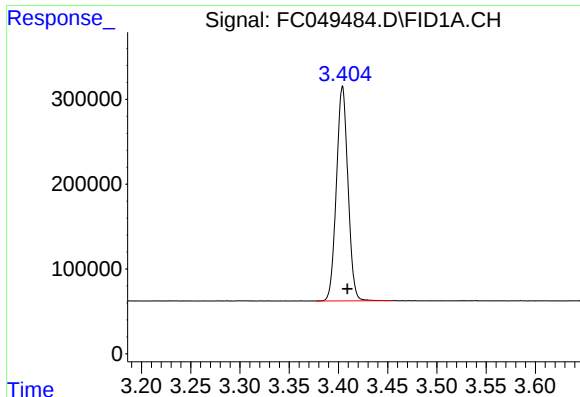
(m)=manual int.

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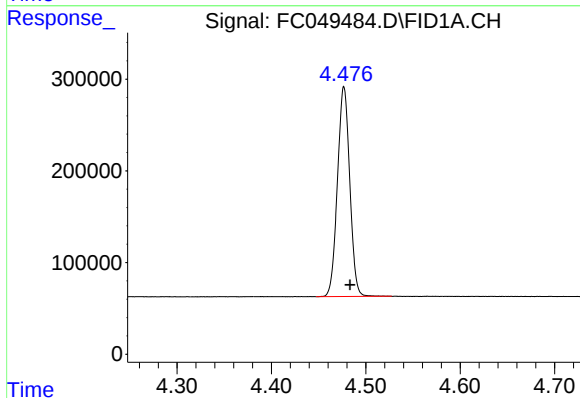
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





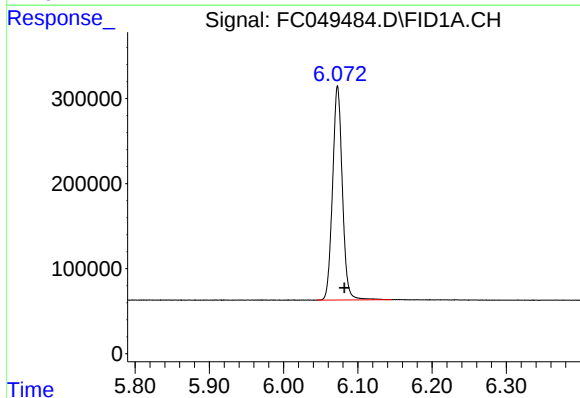
#1 n-Nonane (C9)

R.T.: 3.404 min  
Delta R.T.: -0.005 min  
Response: 2064468  
Conc: 19.96 ug/ml



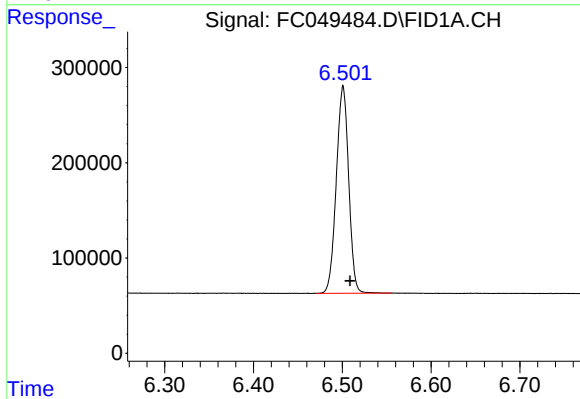
#2 n-Decane (C10)

R.T.: 4.477 min  
Delta R.T.: -0.006 min  
Response: 2072566  
Conc: 19.95 ug/ml



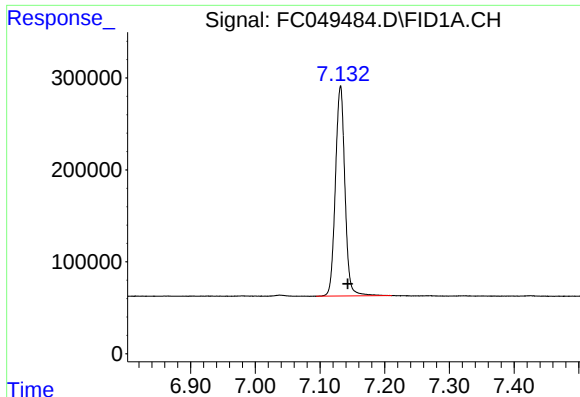
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min  
Delta R.T.: -0.009 min  
Response: 2306686  
Conc: 20.06 ug/ml



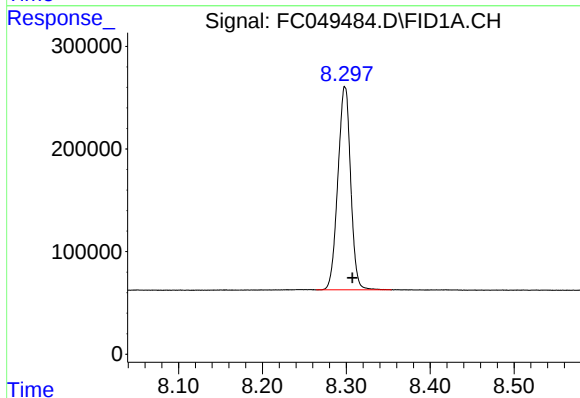
#4 n-Dodecane (C12)

R.T.: 6.501 min  
Delta R.T.: -0.008 min  
Response: 2107470  
Conc: 19.94 ug/ml



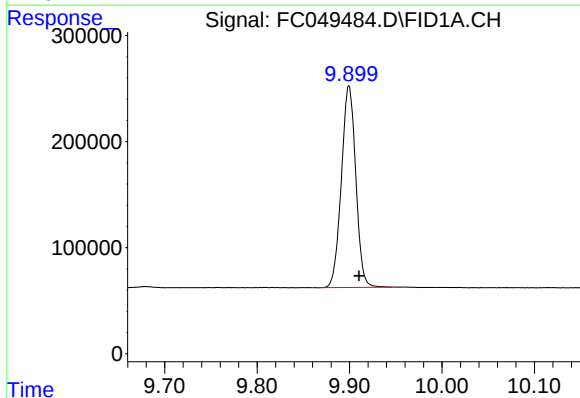
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.132 min  
Delta R.T.: -0.011 min  
Response: 2339040  
Conc: 20.01 ug/ml



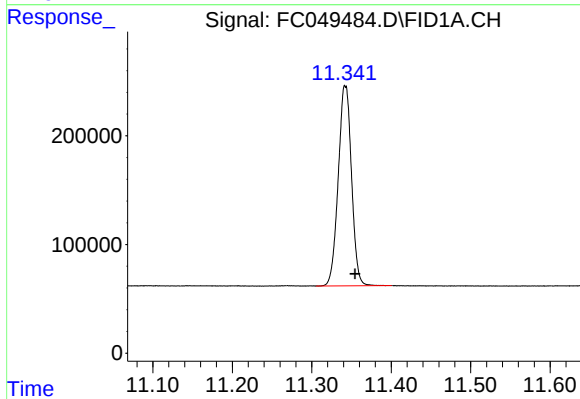
#6 n-Tetradecane (C14)

R.T.: 8.298 min  
Delta R.T.: -0.009 min  
Response: 2101119  
Conc: 19.92 ug/ml



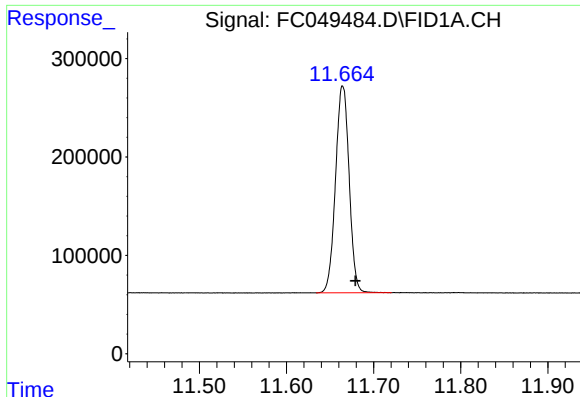
#7 n-Hexadecane (C16)

R.T.: 9.899 min  
Delta R.T.: -0.011 min  
Response: 2060857  
Conc: 19.80 ug/ml



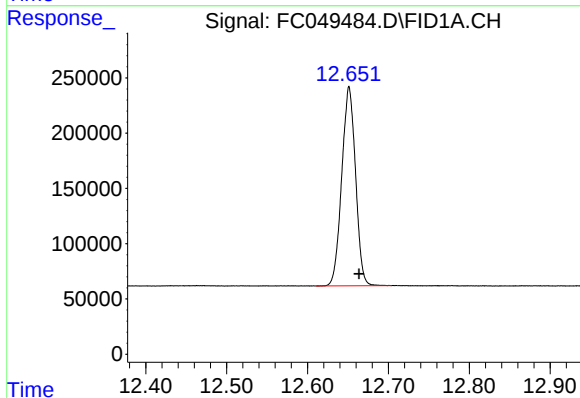
#8 n-Octadecane (C18)

R.T.: 11.342 min  
Delta R.T.: -0.012 min  
Response: 2138696  
Conc: 19.90 ug/ml



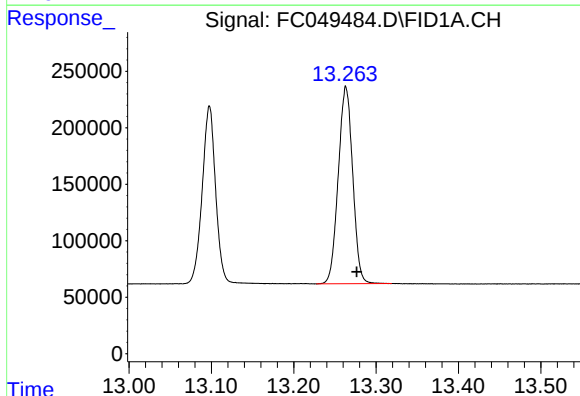
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min  
Delta R.T.: -0.015 min  
Response: 2285410  
Conc: 19.89 ug/ml



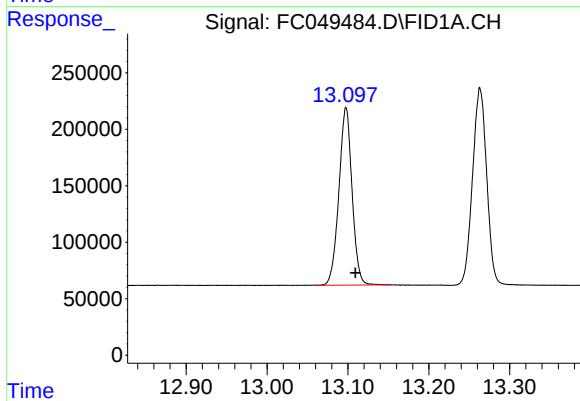
#10 n-Eicosane (C20)

R.T.: 12.651 min  
Delta R.T.: -0.012 min  
Response: 2135757  
Conc: 19.95 ug/ml



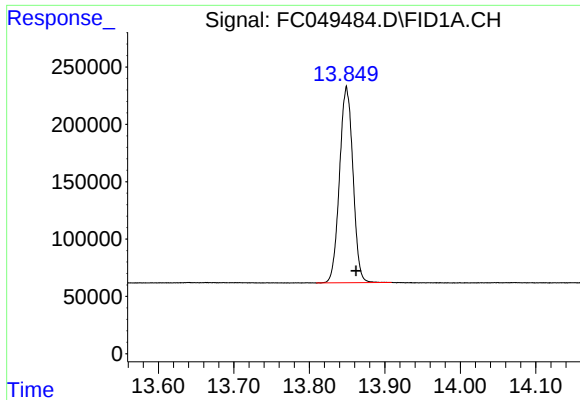
#11 n-Heneicosane (C21)

R.T.: 13.263 min  
Delta R.T.: -0.013 min  
Response: 2126216  
Conc: 19.98 ug/ml



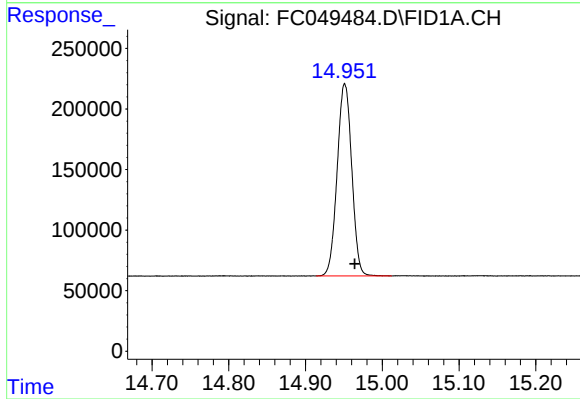
#12 1-chlorooctadecane (SURR)

R.T.: 13.098 min  
Delta R.T.: -0.012 min  
Response: 1778098  
Conc: 19.96 ug/ml



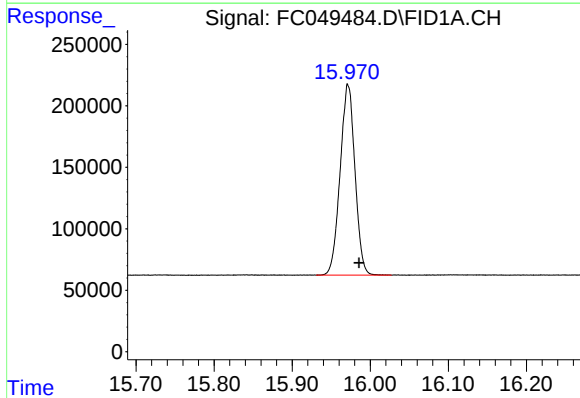
#13 n-Docosane (C22)

R.T.: 13.849 min  
Delta R.T.: -0.013 min  
Response: 2110798  
Conc: 19.95 ug/ml



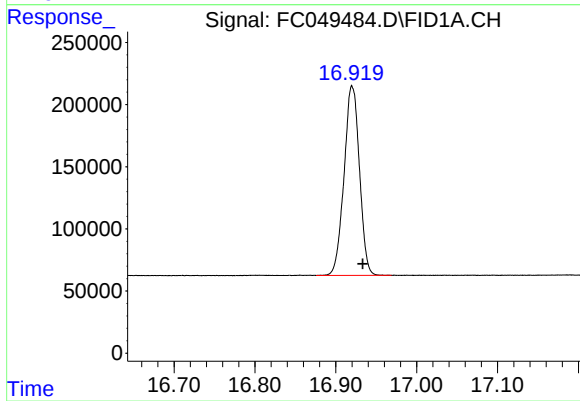
#14 n-Tetracosane (C24)

R.T.: 14.951 min  
Delta R.T.: -0.013 min  
Response: 2093712  
Conc: 20.01 ug/ml



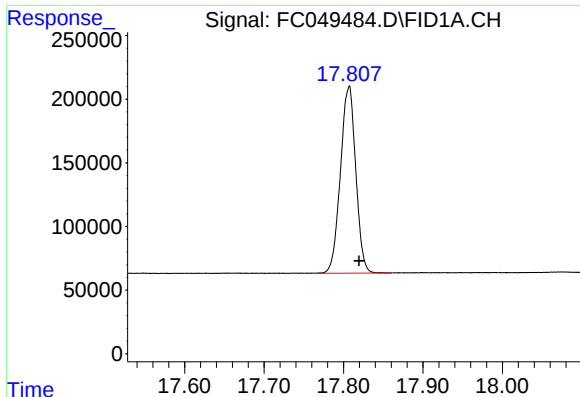
#15 n-Hexacosane (C26)

R.T.: 15.972 min  
Delta R.T.: -0.014 min  
Response: 2047834  
Conc: 20.03 ug/ml



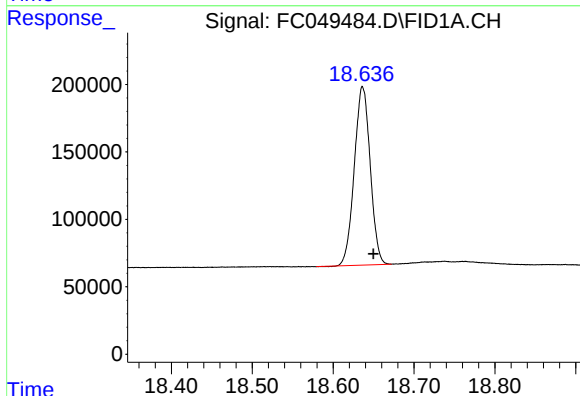
#16 n-Octacosane (C28)

R.T.: 16.920 min  
Delta R.T.: -0.013 min  
Response: 2016995  
Conc: 20.07 ug/ml



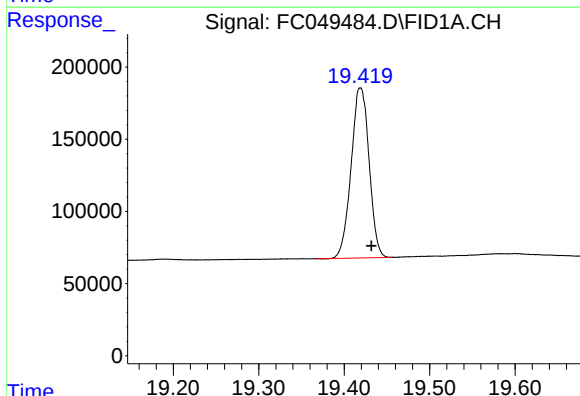
#17 n-Tricontane (C30)

R.T.: 17.807 min  
Delta R.T.: -0.012 min  
Response: 1966409  
Conc: 20.20 ug/ml



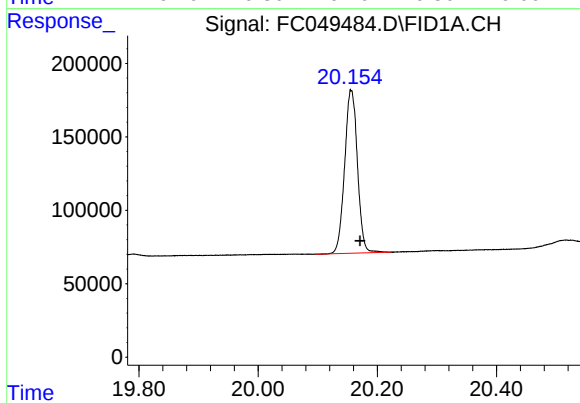
#18 n-Dotriacontane (C32)

R.T.: 18.636 min  
Delta R.T.: -0.013 min  
Response: 1808251  
Conc: 20.01 ug/ml



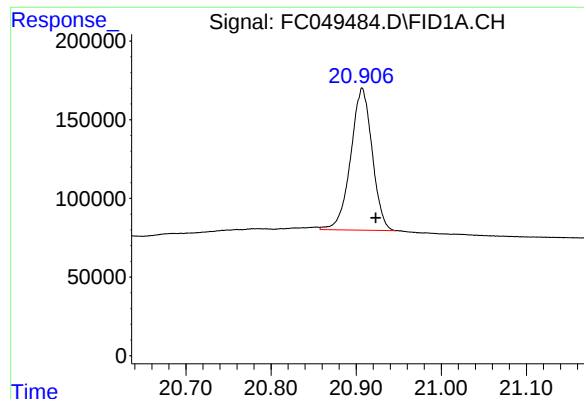
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min  
Delta R.T.: -0.013 min  
Response: 1721241  
Conc: 20.11 ug/ml



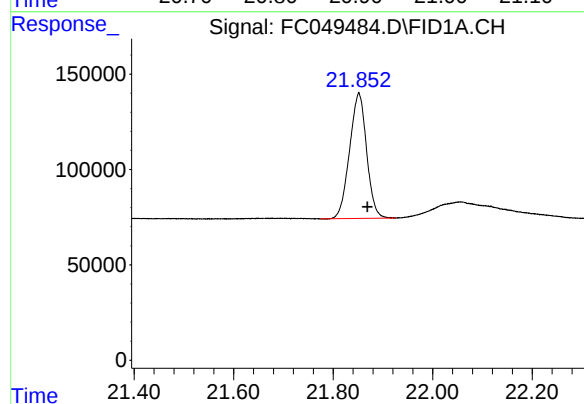
#20 n-Hexatriacontane (C36)

R.T.: 20.156 min  
Delta R.T.: -0.015 min  
Response: 1654648  
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.906 min  
Delta R.T.: -0.017 min  
Response: 1580688  
Conc: 20.88 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.852 min  
Delta R.T.: -0.017 min  
Response: 1559781  
Conc: 20.05 ug/ml