

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091420AL\  
 Data File : FC049550.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Sep 2020 11:24  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 15 02:43:48 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)    | 11.663 | 2210749    | 19.241 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.48%       |
| 12) S 1-chlorooctadecane (S... | 13.096 | 1696845    | 19.050 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.10%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.402  | 2059936    | 19.912 ug/ml |
| 2) T n-Decane (C10)            | 4.475  | 2091056    | 20.132 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.071  | 2316907    | 20.151 ug/ml |
| 4) T n-Dodecane (C12)          | 6.499  | 2128081    | 20.132 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.130  | 2344898    | 20.056 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.296  | 2107770    | 19.980 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.898  | 2039260    | 19.595 ug/ml |
| 8) T n-Octadecane (C18)        | 11.341 | 2089524    | 19.443 ug/ml |
| 10) T n-Eicosane (C20)         | 12.649 | 2064671    | 19.282 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.262 | 2030817    | 19.084 ug/ml |
| 13) T n-Docosane (C22)         | 13.848 | 2037237    | 19.251 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.950 | 2041547    | 19.510 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.969 | 1994836    | 19.514 ug/ml |
| 16) T n-Octacosane (C28)       | 16.918 | 1976544    | 19.667 ug/ml |
| 17) T n-Tricontane (C30)       | 17.804 | 1910000    | 19.617 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.636 | 1763710    | 19.518 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.418 | 1674596    | 19.562 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.155 | 1608689    | 19.967 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.905 | 1534101    | 20.264 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.850 | 1579297    | 20.297 ug/ml |
| -----                          |        |            |              |

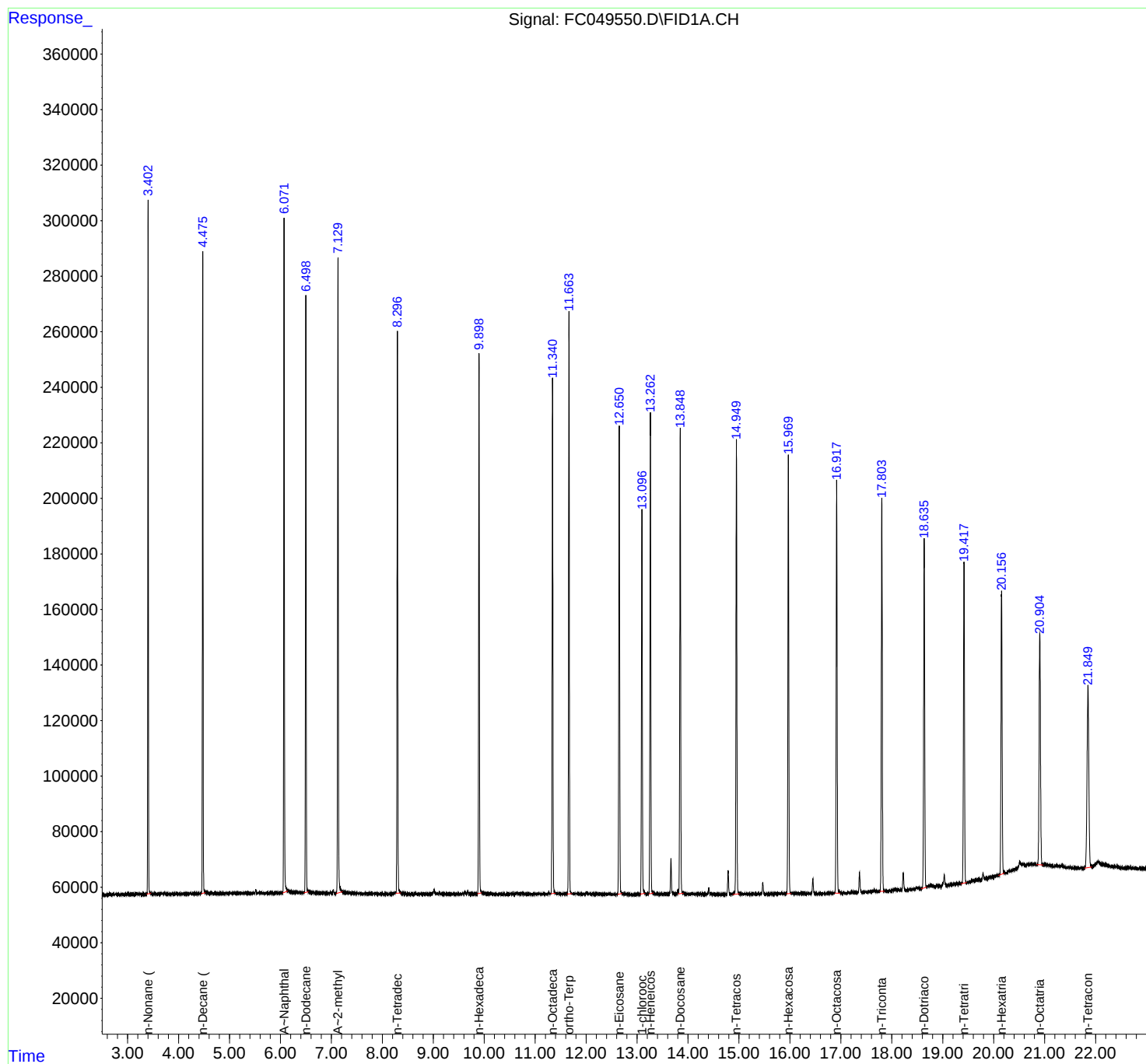
(f)=RT Delta > 1/2 Window

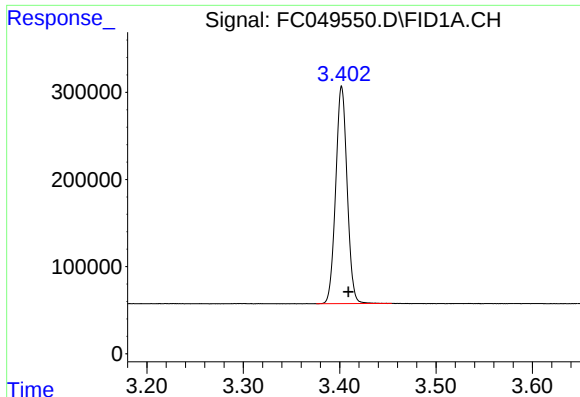
(m)=manual int.

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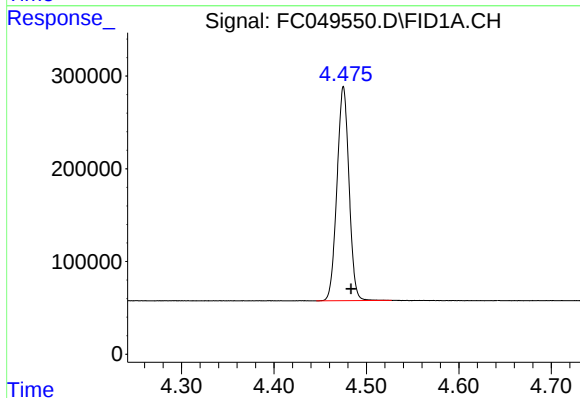
Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





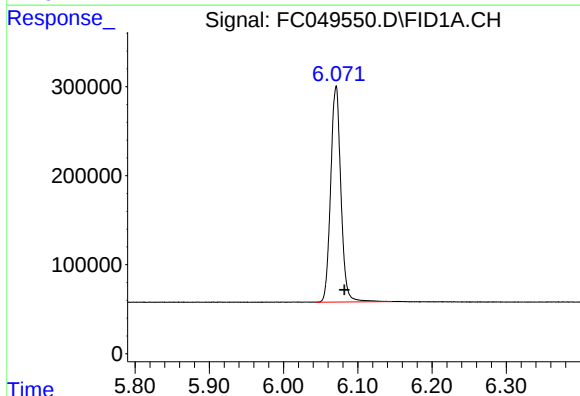
#1 n-Nonane (C9)

R.T.: 3.402 min  
Delta R.T.: -0.007 min  
Response: 2059936  
Conc: 19.91 ug/ml



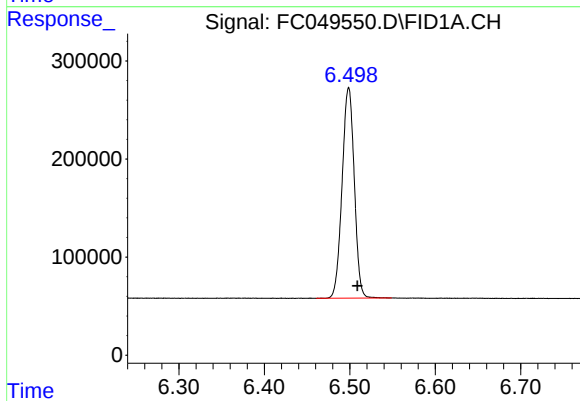
#2 n-Decane (C10)

R.T.: 4.475 min  
Delta R.T.: -0.008 min  
Response: 2091056  
Conc: 20.13 ug/ml



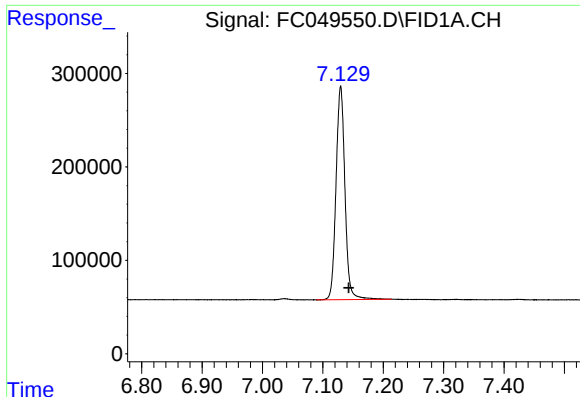
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min  
Delta R.T.: -0.011 min  
Response: 2316907  
Conc: 20.15 ug/ml



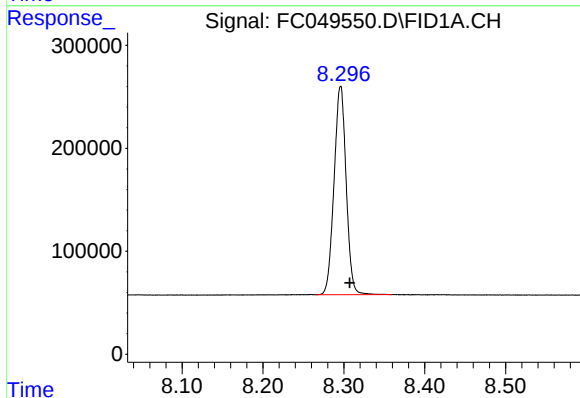
#4 n-Dodecane (C12)

R.T.: 6.499 min  
Delta R.T.: -0.010 min  
Response: 2128081  
Conc: 20.13 ug/ml



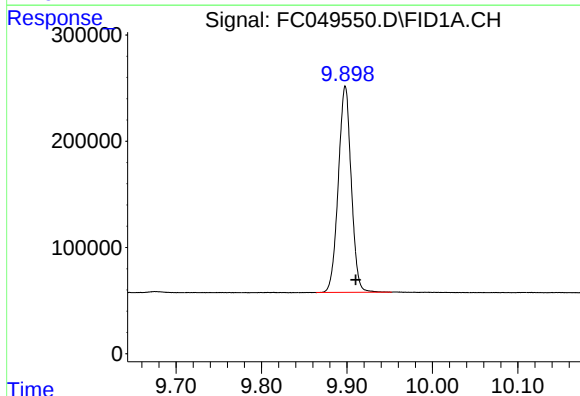
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.130 min  
Delta R.T.: -0.013 min  
Response: 2344898  
Conc: 20.06 ug/ml



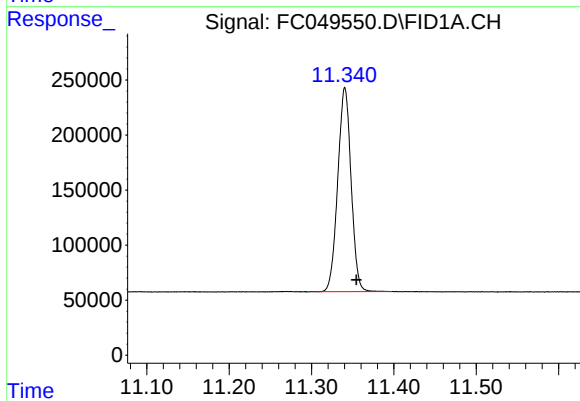
#6 n-Tetradecane (C14)

R.T.: 8.296 min  
Delta R.T.: -0.011 min  
Response: 2107770  
Conc: 19.98 ug/ml



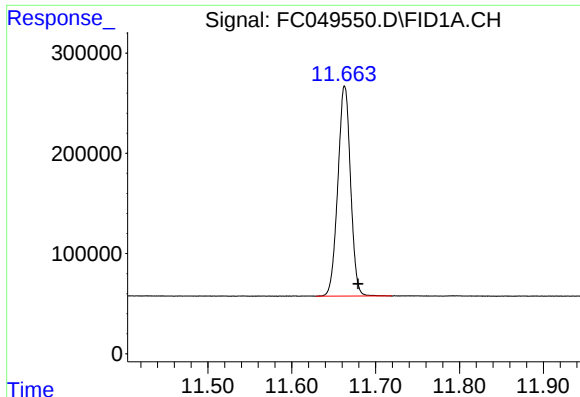
#7 n-Hexadecane (C16)

R.T.: 9.898 min  
Delta R.T.: -0.012 min  
Response: 2039260  
Conc: 19.60 ug/ml



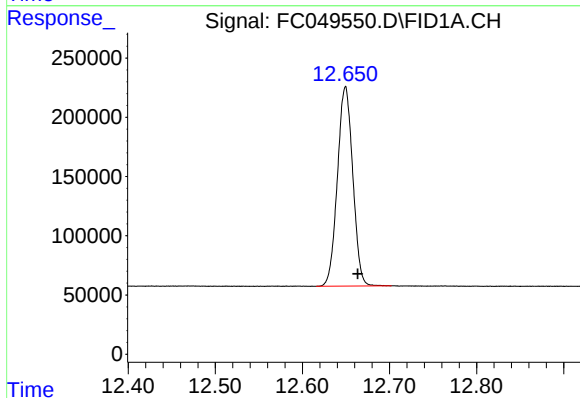
#8 n-Octadecane (C18)

R.T.: 11.341 min  
Delta R.T.: -0.014 min  
Response: 2089524  
Conc: 19.44 ug/ml



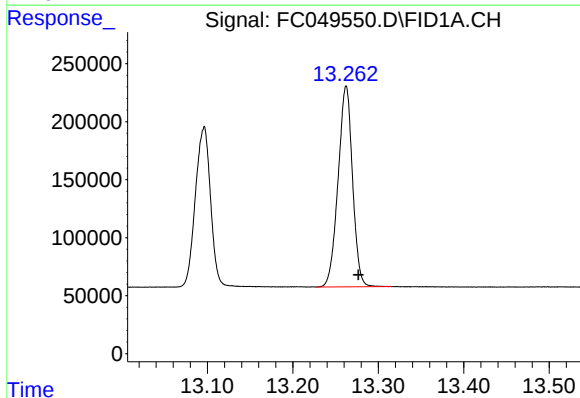
#9 ortho-Terphenyl (SURR)

R.T.: 11.663 min  
Delta R.T.: -0.016 min  
Response: 2210749  
Conc: 19.24 ug/ml



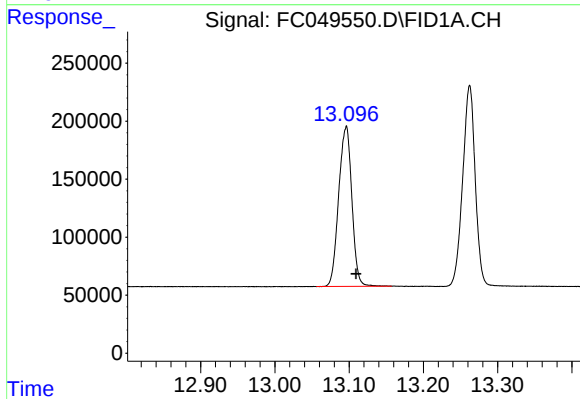
#10 n-Eicosane (C20)

R.T.: 12.649 min  
Delta R.T.: -0.014 min  
Response: 2064671  
Conc: 19.28 ug/ml



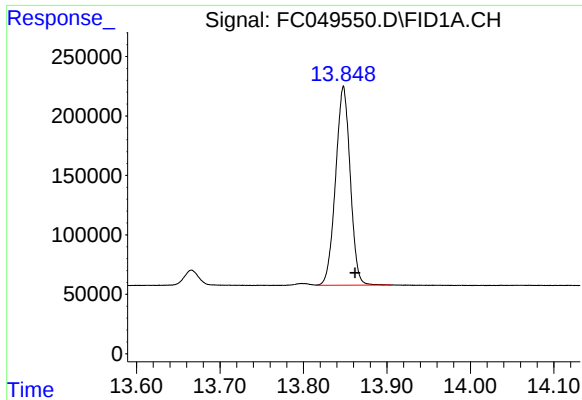
#11 n-Heneicosane (C21)

R.T.: 13.262 min  
Delta R.T.: -0.014 min  
Response: 2030817  
Conc: 19.08 ug/ml



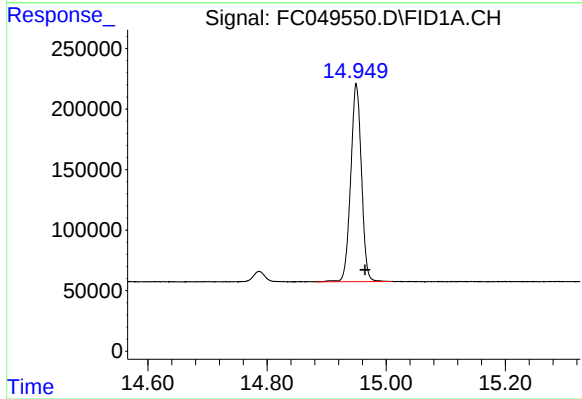
#12 1-chlorooctadecane (SURR)

R.T.: 13.096 min  
Delta R.T.: -0.013 min  
Response: 1696845  
Conc: 19.05 ug/ml



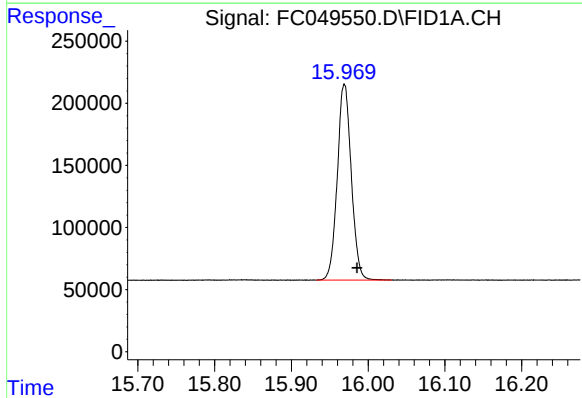
#13 n-Docosane (C22)

R.T.: 13.848 min  
Delta R.T.: -0.014 min  
Response: 2037237  
Conc: 19.25 ug/ml



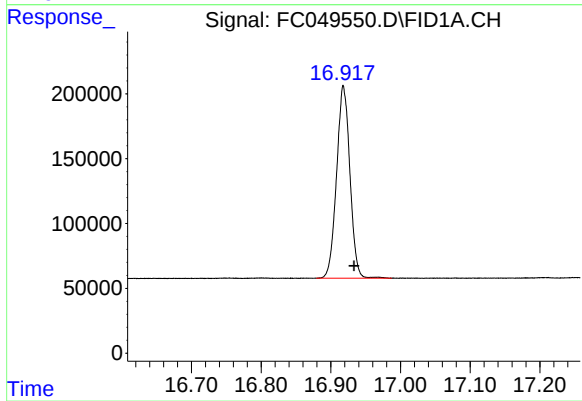
#14 n-Tetracosane (C24)

R.T.: 14.950 min  
Delta R.T.: -0.015 min  
Response: 2041547  
Conc: 19.51 ug/ml



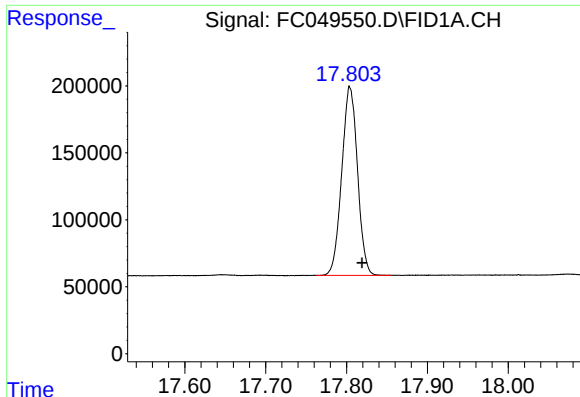
#15 n-Hexacosane (C26)

R.T.: 15.969 min  
Delta R.T.: -0.017 min  
Response: 1994836  
Conc: 19.51 ug/ml



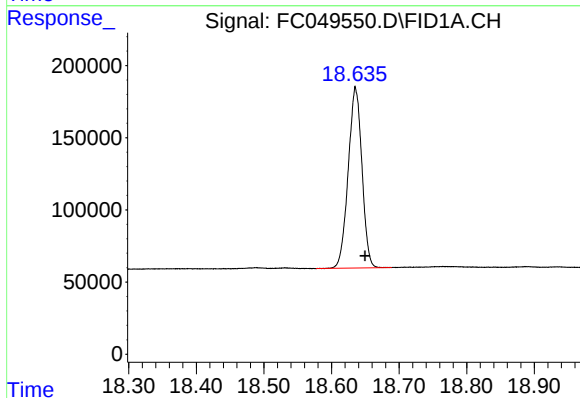
#16 n-Octacosane (C28)

R.T.: 16.918 min  
Delta R.T.: -0.015 min  
Response: 1976544  
Conc: 19.67 ug/ml



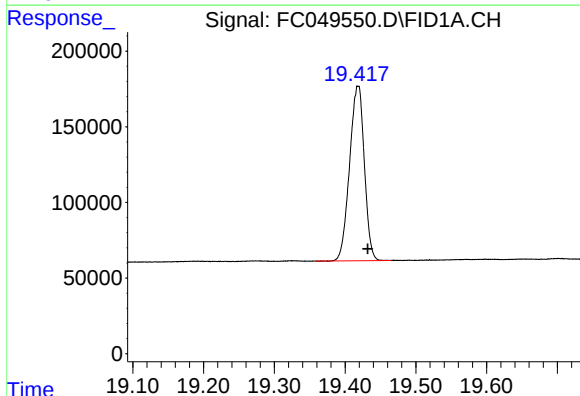
#17 n-Tricontane (C30)

R.T.: 17.804 min  
Delta R.T.: -0.015 min  
Response: 1910000  
Conc: 19.62 ug/ml



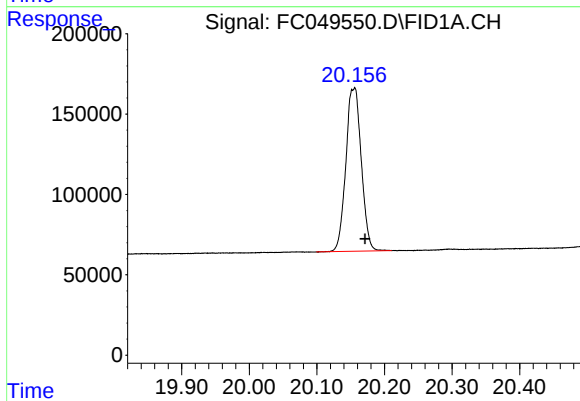
#18 n-Dotriacontane (C32)

R.T.: 18.636 min  
Delta R.T.: -0.014 min  
Response: 1763710  
Conc: 19.52 ug/ml



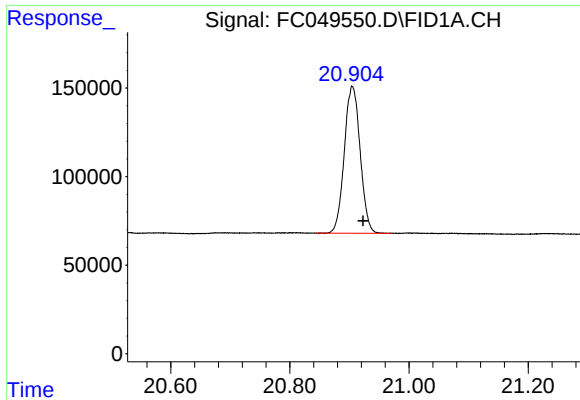
#19 n-Tetratriacontane (C34)

R.T.: 19.418 min  
Delta R.T.: -0.013 min  
Response: 1674596  
Conc: 19.56 ug/ml



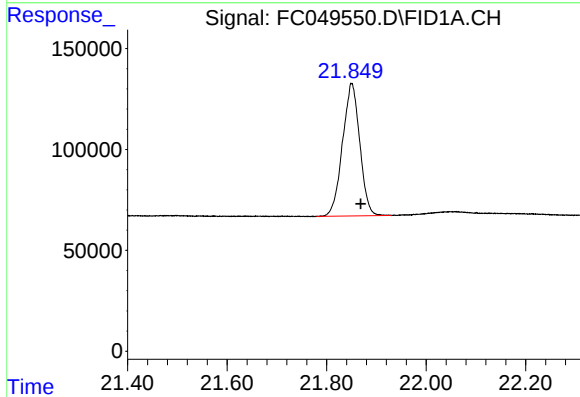
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min  
Delta R.T.: -0.016 min  
Response: 1608689  
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.905 min  
Delta R.T.: -0.018 min  
Response: 1534101  
Conc: 20.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.850 min  
Delta R.T.: -0.019 min  
Response: 1579297  
Conc: 20.30 ug/ml