

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062821AL\  
 Data File : FC054464.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Jun 2021 10:13  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 29 04:52:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 062521.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 26 02:10:35 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)    | 11.333 | 2735792    | 19.325 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.65%        |
| 12) S 1-chlorooctadecane (S... | 12.776 | 2162707    | 19.401 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.80%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.148  | 2232517    | 18.985 ug/ml  |
| 2) T n-Decane (C10)            | 4.202  | 2258631    | 19.021 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.768  | 2483495    | 18.890 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.209  | 2305332    | 19.234 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.821  | 2522225    | 19.105 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.997  | 2368163    | 19.437 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.592  | 2406699    | 19.321 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.030 | 2503822    | 19.386 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.335 | 2520040    | 19.367 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.945 | 2569383    | 19.352 ug/ml  |
| 13) T n-Docosane (C22)         | 13.530 | 2570437    | 19.402 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.630 | 2617462    | 19.336 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.649 | 2630215    | 19.410 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.597 | 2647051    | 19.285 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.482 | 2614171    | 18.874 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.314 | 2525071    | 18.457 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.097 | 2399473    | 17.758 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.837 | 2224640    | 18.022 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.540 | 2047388    | 18.100 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.360 | 2130573    | 18.850 ug/mlm |
| -----                          |        |            |               |

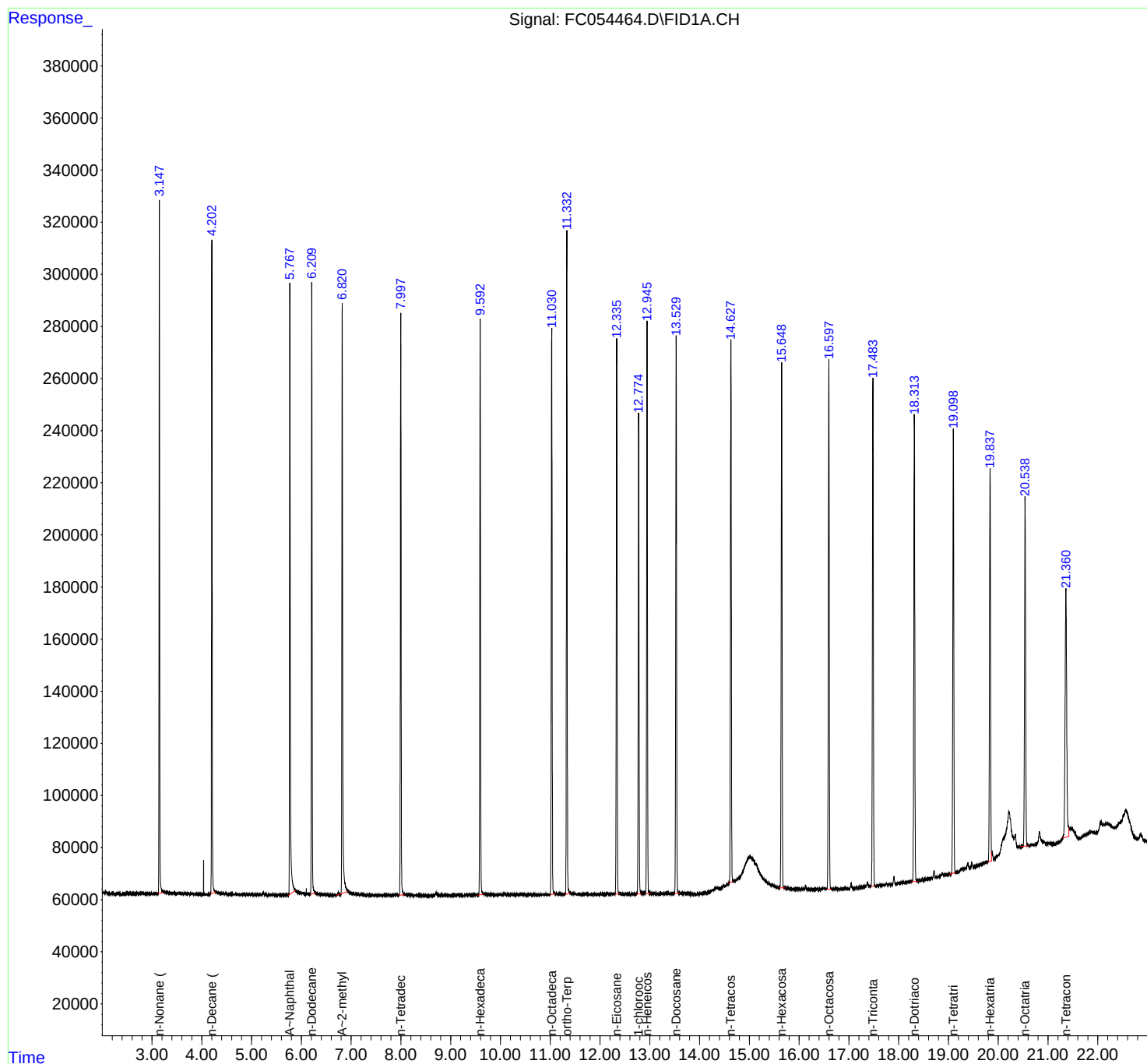
(f)=RT Delta > 1/2 Window

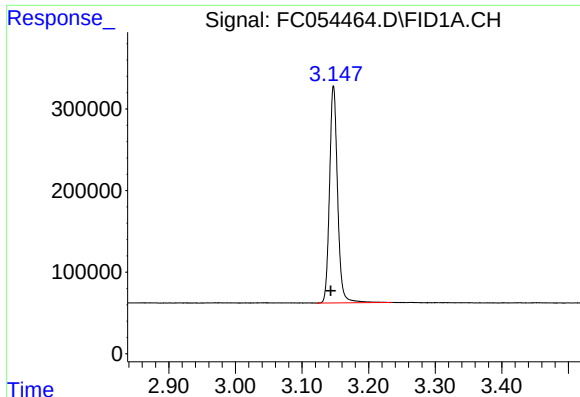
(m)=manual int.

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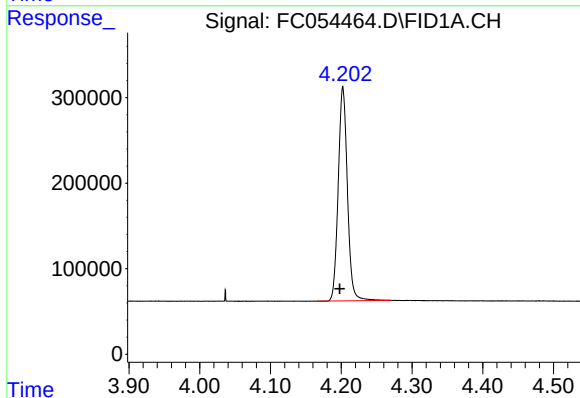
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





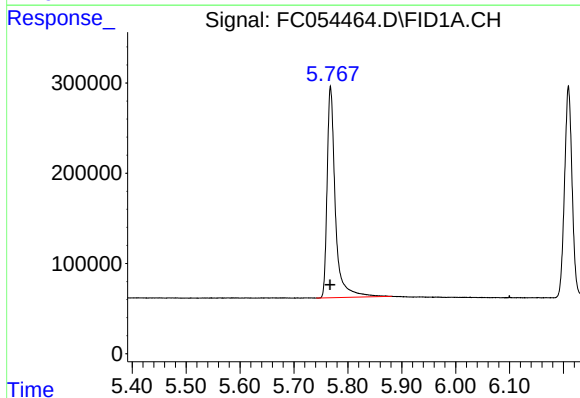
#1 n-Nonane (C9)

R.T.: 3.148 min  
Delta R.T.: 0.005 min  
Response: 2232517  
Conc: 18.98 ug/ml



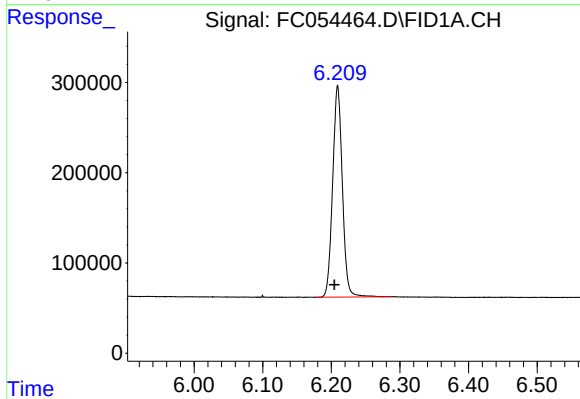
#2 n-Decane (C10)

R.T.: 4.202 min  
Delta R.T.: 0.004 min  
Response: 2258631  
Conc: 19.02 ug/ml



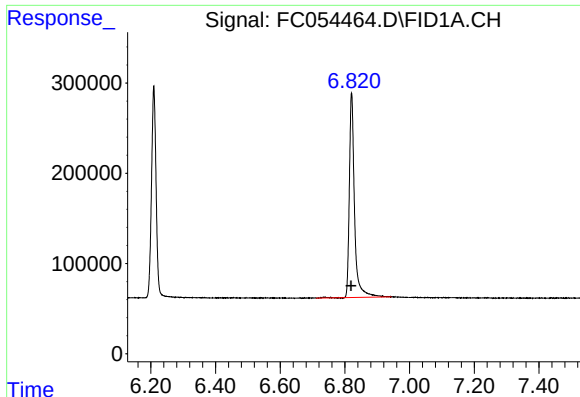
#3 A~Naphthalene (C11.7)

R.T.: 5.768 min  
Delta R.T.: 0.001 min  
Response: 2483495  
Conc: 18.89 ug/ml



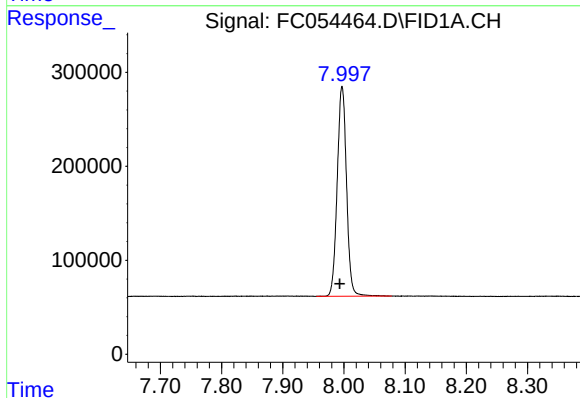
#4 n-Dodecane (C12)

R.T.: 6.209 min  
Delta R.T.: 0.005 min  
Response: 2305332  
Conc: 19.23 ug/ml



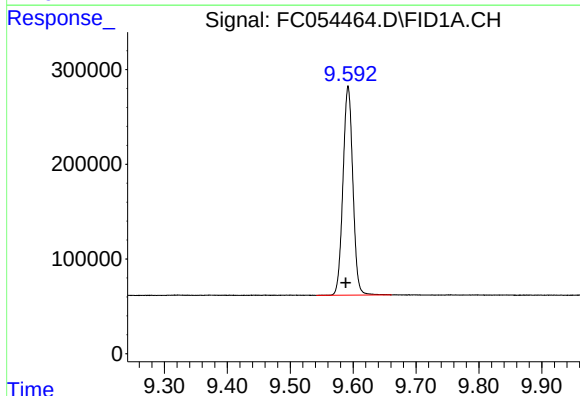
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.821 min  
Delta R.T.: 0.002 min  
Response: 252225  
Conc: 19.10 ug/ml



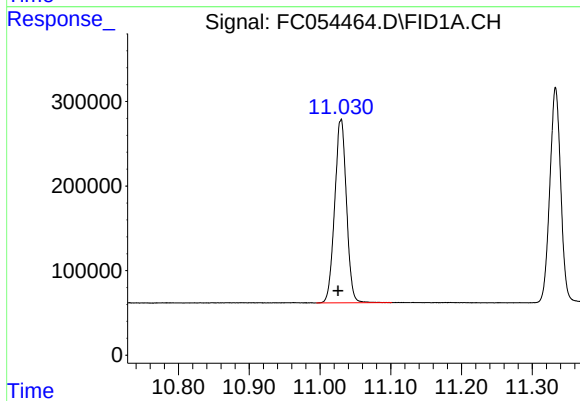
#6 n-Tetradecane (C14)

R.T.: 7.997 min  
Delta R.T.: 0.004 min  
Response: 2368163  
Conc: 19.44 ug/ml



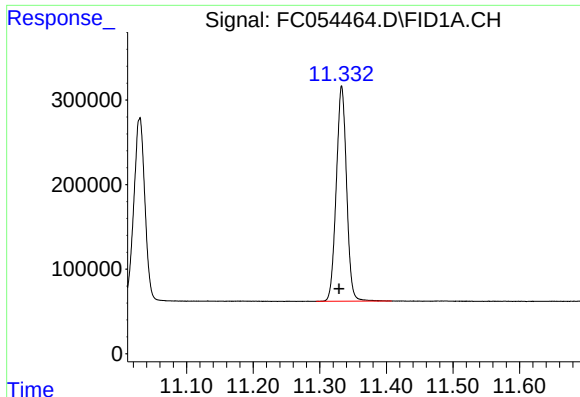
#7 n-Hexadecane (C16)

R.T.: 9.592 min  
Delta R.T.: 0.004 min  
Response: 2406699  
Conc: 19.32 ug/ml



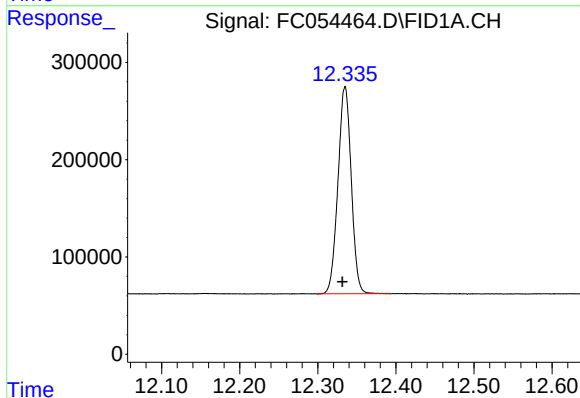
#8 n-Octadecane (C18)

R.T.: 11.030 min  
Delta R.T.: 0.004 min  
Response: 2503822  
Conc: 19.39 ug/ml



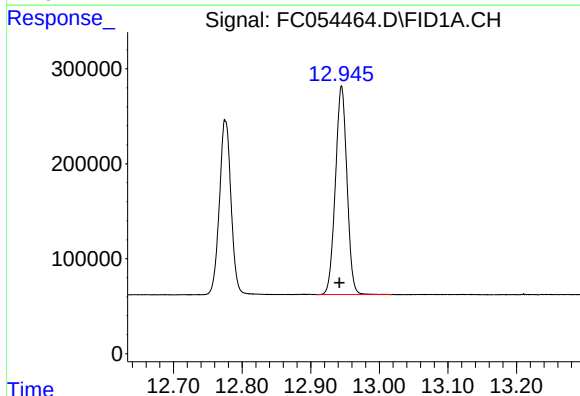
#9 ortho-Terphenyl (SURR)

R.T.: 11.333 min  
Delta R.T.: 0.004 min  
Response: 2735792  
Conc: 19.32 ug/ml



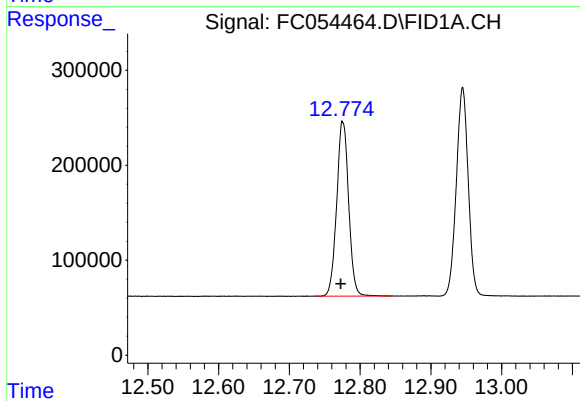
#10 n-Eicosane (C20)

R.T.: 12.335 min  
Delta R.T.: 0.003 min  
Response: 2520040  
Conc: 19.37 ug/ml



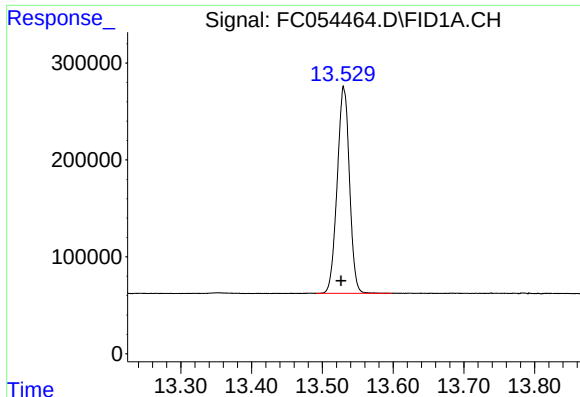
#11 n-Heneicosane (C21)

R.T.: 12.945 min  
Delta R.T.: 0.003 min  
Response: 2569383  
Conc: 19.35 ug/ml



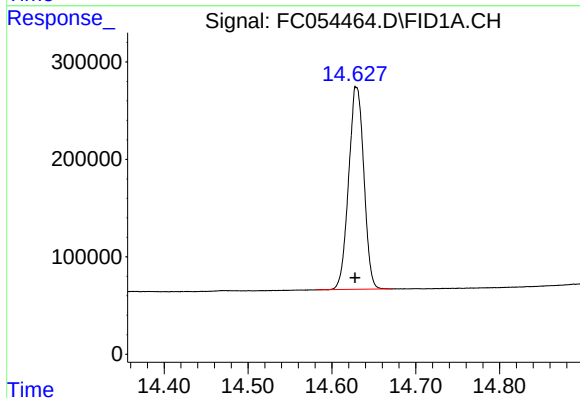
#12 1-chlorooctadecane (SURR)

R.T.: 12.776 min  
Delta R.T.: 0.003 min  
Response: 2162707  
Conc: 19.40 ug/ml



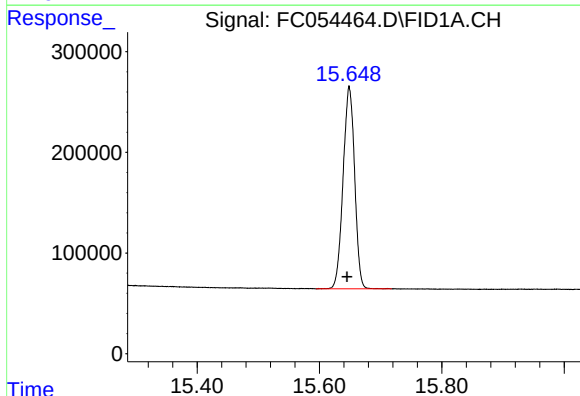
#13 n-Docosane (C22)

R.T.: 13.530 min  
Delta R.T.: 0.004 min  
Response: 2570437  
Conc: 19.40 ug/ml



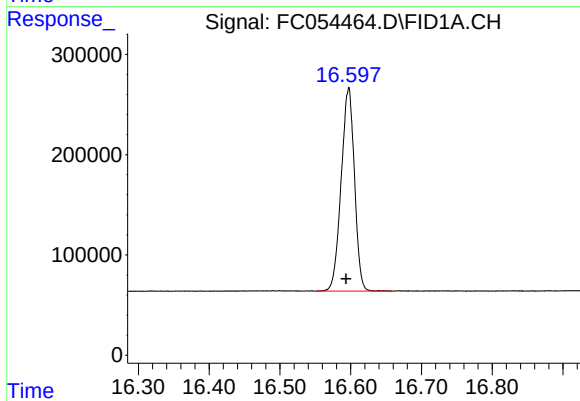
#14 n-Tetracosane (C24)

R.T.: 14.630 min  
Delta R.T.: 0.002 min  
Response: 2617462  
Conc: 19.34 ug/ml



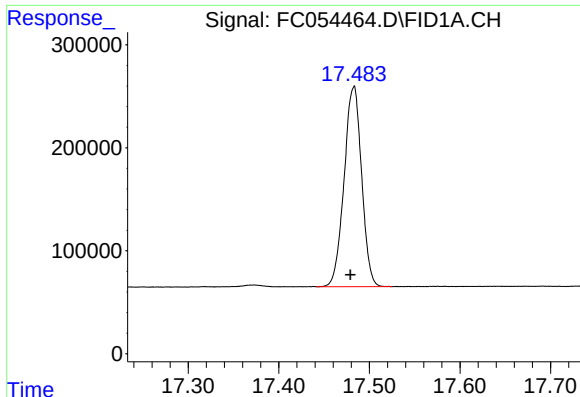
#15 n-Hexacosane (C26)

R.T.: 15.649 min  
Delta R.T.: 0.003 min  
Response: 2630215  
Conc: 19.41 ug/ml



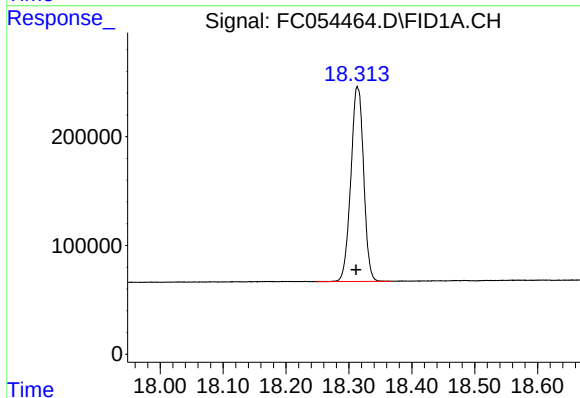
#16 n-Octacosane (C28)

R.T.: 16.597 min  
Delta R.T.: 0.003 min  
Response: 2647051  
Conc: 19.29 ug/ml



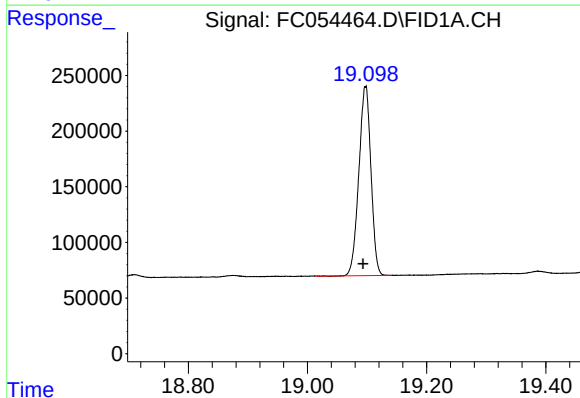
#17 n-Tricontane (C30)

R.T.: 17.482 min  
Delta R.T.: 0.003 min  
Response: 2614171  
Conc: 18.87 ug/ml



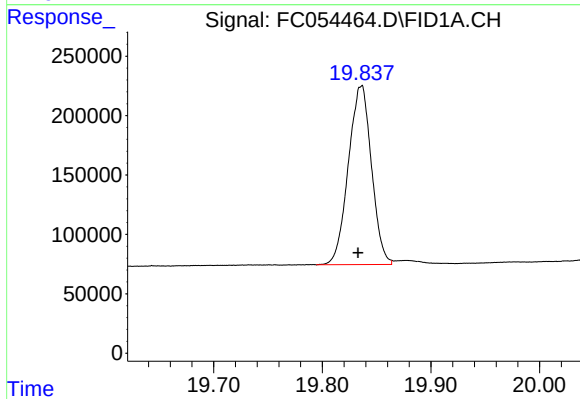
#18 n-Dotriacontane (C32)

R.T.: 18.314 min  
Delta R.T.: 0.003 min  
Response: 2525071  
Conc: 18.46 ug/ml



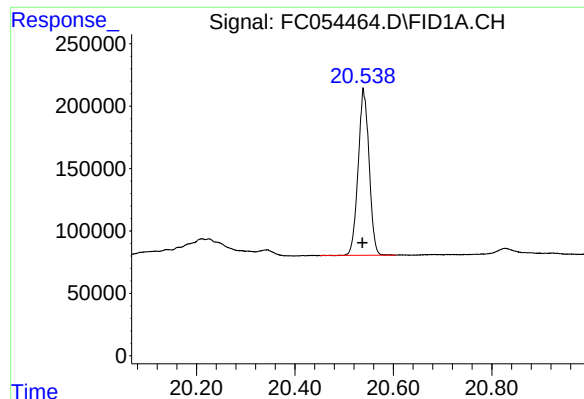
#19 n-Tetratriacontane (C34)

R.T.: 19.097 min  
Delta R.T.: 0.004 min  
Response: 2399473  
Conc: 17.76 ug/ml



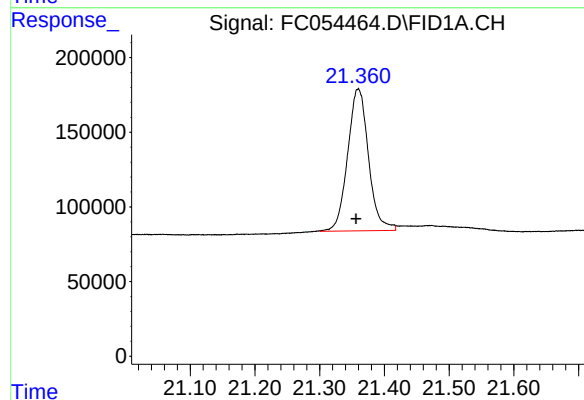
#20 n-Hexatriacontane (C36)

R.T.: 19.837 min  
Delta R.T.: 0.004 min  
Response: 2224640  
Conc: 18.02 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.540 min  
Delta R.T.: 0.003 min  
Response: 2047388  
Conc: 18.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.360 min  
Delta R.T.: 0.004 min  
Response: 2130573  
Conc: 18.85 ug/ml m