

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121221AL\  
 Data File : FC057450.D  
 Signal(s) : FID1A.CH  
 Acq On : 13 Dec 2021 5:34  
 Operator : AJ\MA  
 Sample : M5018-19MS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 13 06:38:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120921.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 09 22:19:01 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)    | 11.561 | 4315043    | 42.763 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 85.53%       |
| 12) S 1-chlorooctadecane (S... | 12.988 | 3439404    | 45.295 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 90.59%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 2) T n-Decane (C10)            | 4.397  | 3329817    | 35.576 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.988  | 3744356    | 38.101 ug/ml |
| 4) T n-Dodecane (C12)          | 6.411  | 3740881    | 39.156 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.042  | 3930829    | 40.175 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.202  | 4220175    | 43.932 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.799  | 4509355    | 46.523 ug/ml |
| 8) T n-Octadecane (C18)        | 11.239 | 4697608    | 47.689 ug/ml |
| 10) T n-Eicosane (C20)         | 12.545 | 4651013    | 48.328 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.155 | 4588365    | 47.977 ug/ml |
| 13) T n-Docosane (C22)         | 13.740 | 4615954    | 49.520 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.841 | 9021384    | 98.242 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.858 | 4468556    | 51.693 ug/ml |
| 16) T n-Octacosane (C28)       | 16.804 | 4829271    | 56.634 ug/ml |
| 17) T n-Tricontane (C30)       | 17.688 | 4210310    | 50.365 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.517 | 4023120    | 49.189 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.297 | 3560501    | 43.387 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.759 | 2604180    | 34.296 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.651 | 2013607    | 26.939 ug/ml |
| -----                          |        |            |              |

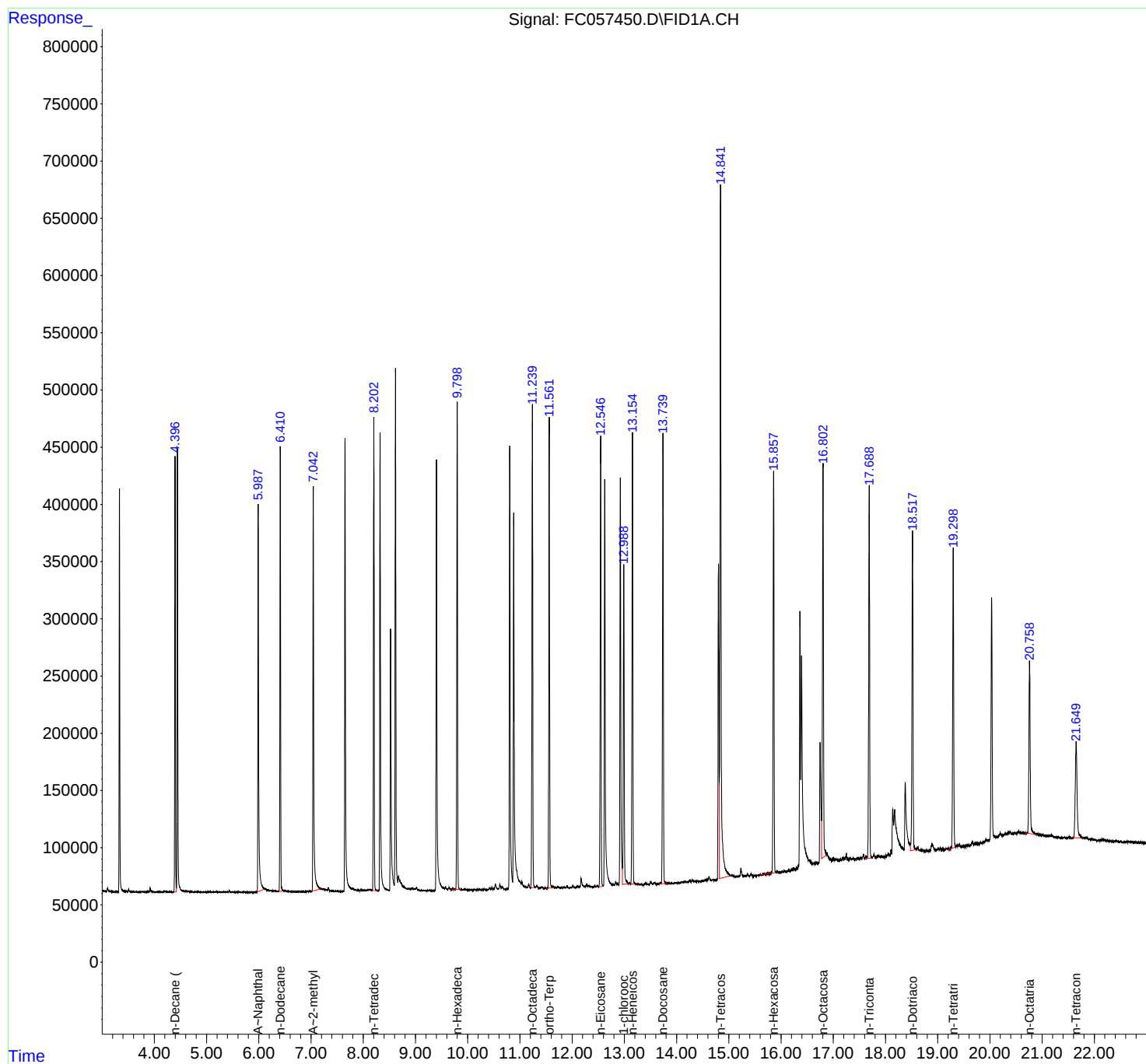
(f)=RT Delta > 1/2 Window

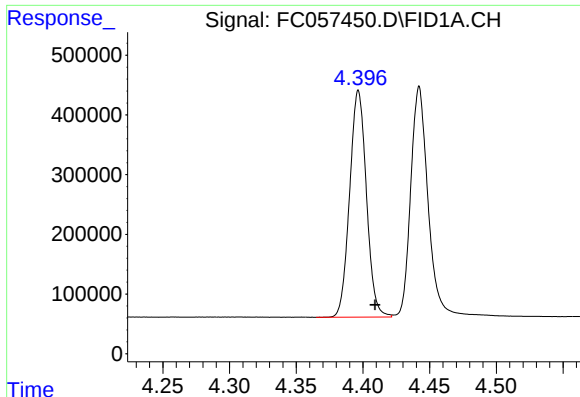
(m)=manual int.

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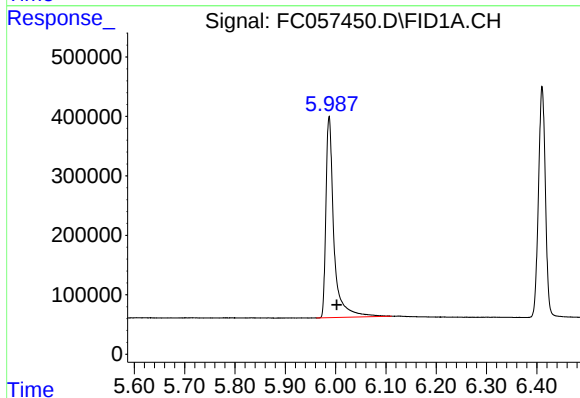
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Signal Info : 20M x 0.18mm x 0.18um





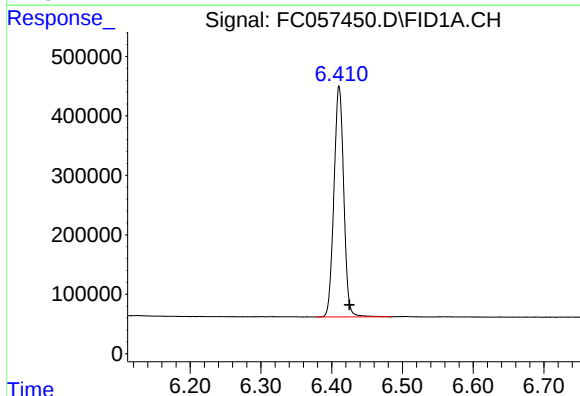
#2 n-Decane (C10)

R.T.: 4.397 min  
Delta R.T.: -0.012 min  
Response: 3329817  
Conc: 35.58 ug/ml



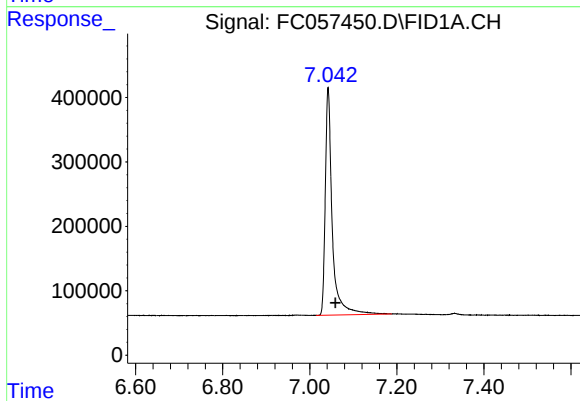
#3 A~Naphthalene (C11.7)

R.T.: 5.988 min  
Delta R.T.: -0.015 min  
Response: 3744356  
Conc: 38.10 ug/ml



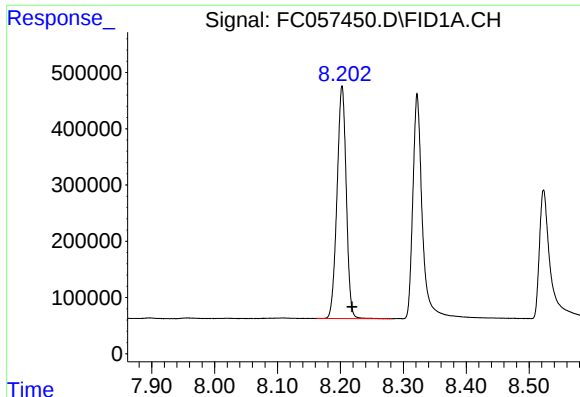
#4 n-Dodecane (C12)

R.T.: 6.411 min  
Delta R.T.: -0.015 min  
Response: 3740881  
Conc: 39.16 ug/ml



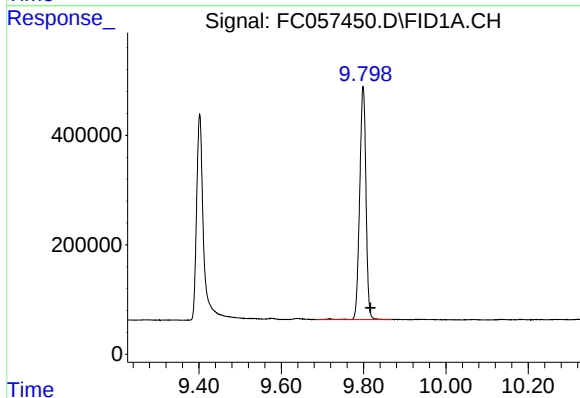
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.042 min  
Delta R.T.: -0.016 min  
Response: 3930829  
Conc: 40.18 ug/ml



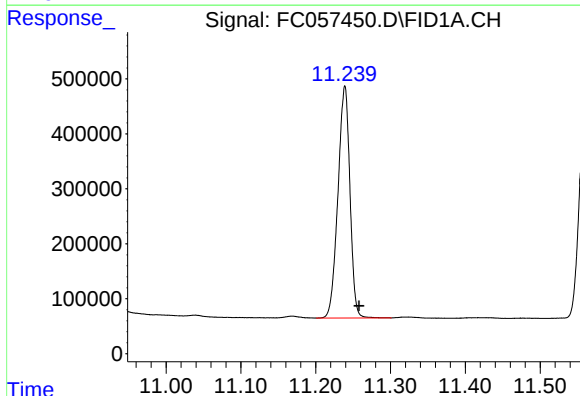
#6 n-Tetradecane (C14)

R.T.: 8.202 min  
Delta R.T.: -0.016 min  
Response: 4220175  
Conc: 43.93 ug/ml



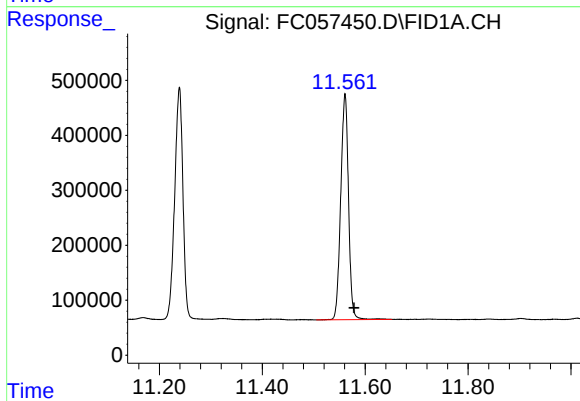
#7 n-Hexadecane (C16)

R.T.: 9.799 min  
Delta R.T.: -0.018 min  
Response: 4509355  
Conc: 46.52 ug/ml



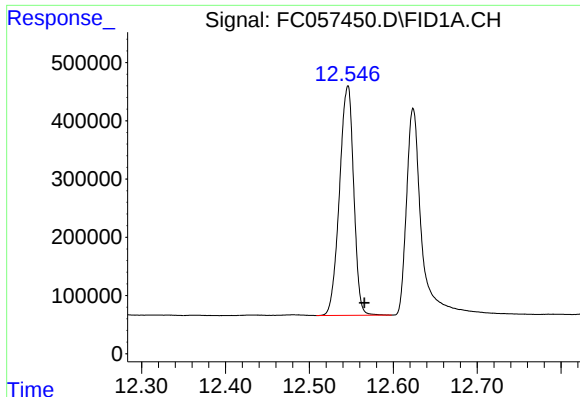
#8 n-Octadecane (C18)

R.T.: 11.239 min  
Delta R.T.: -0.019 min  
Response: 4697608  
Conc: 47.69 ug/ml



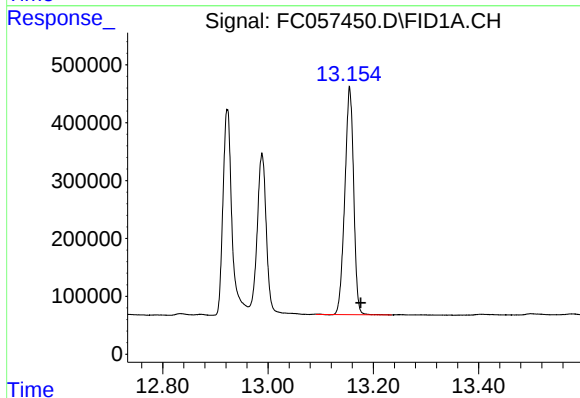
#9 ortho-Terphenyl (SURR)

R.T.: 11.561 min  
Delta R.T.: -0.018 min  
Response: 4315043  
Conc: 42.76 ug/ml



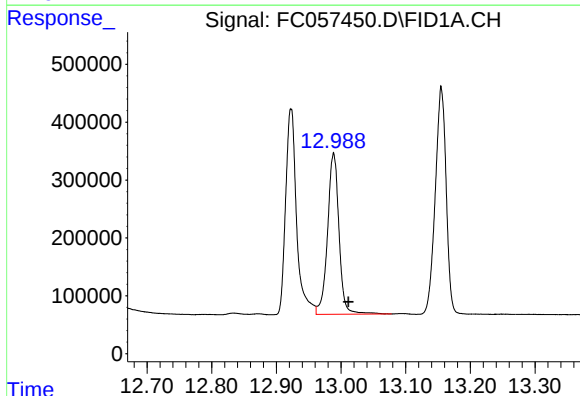
#10 n-Eicosane (C20)

R.T.: 12.545 min  
Delta R.T.: -0.020 min  
Response: 4651013  
Conc: 48.33 ug/ml



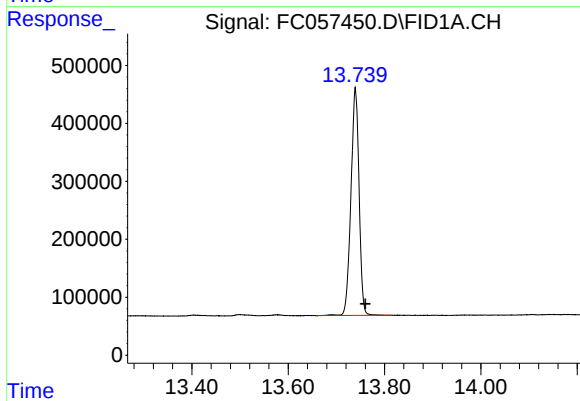
#11 n-Heneicosane (C21)

R.T.: 13.155 min  
Delta R.T.: -0.021 min  
Response: 4588365  
Conc: 47.98 ug/ml



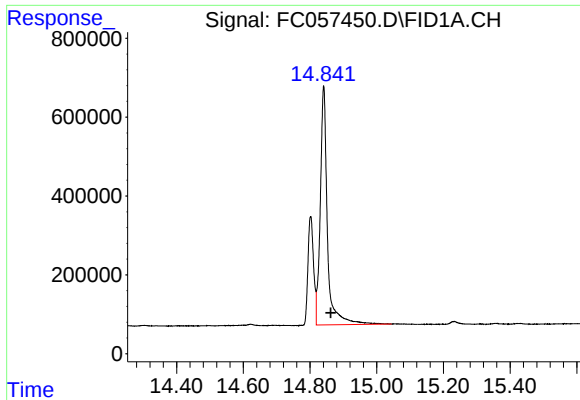
#12 1-chlorooctadecane (SURR)

R.T.: 12.988 min  
Delta R.T.: -0.023 min  
Response: 3439404  
Conc: 45.30 ug/ml



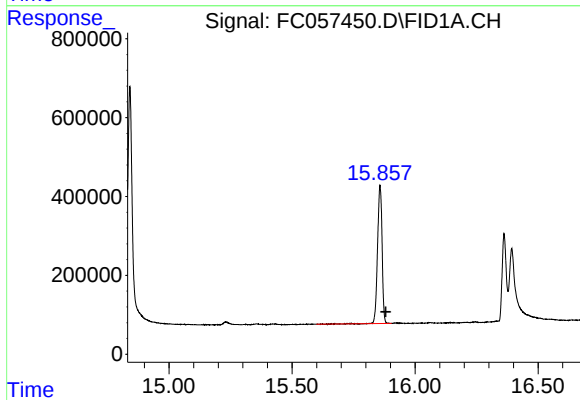
#13 n-Docosane (C22)

R.T.: 13.740 min  
Delta R.T.: -0.021 min  
Response: 4615954  
Conc: 49.52 ug/ml



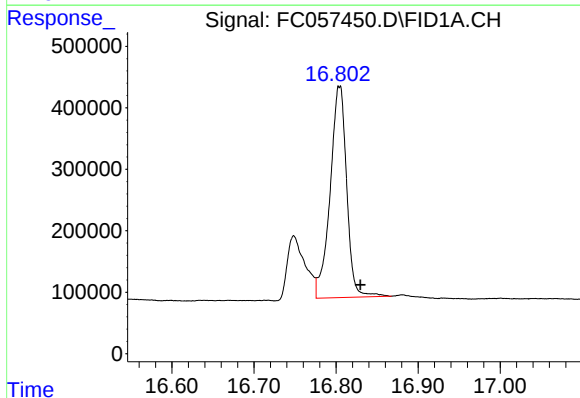
#14 n-Tetracosane (C24)

R.T.: 14.841 min  
Delta R.T.: -0.021 min  
Response: 9021384  
Conc: 98.24 ug/ml



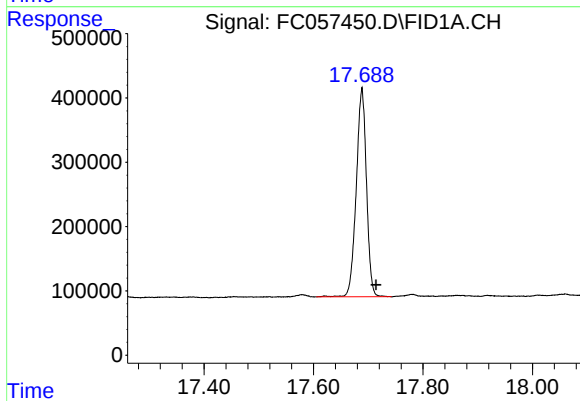
#15 n-Hexacosane (C26)

R.T.: 15.858 min  
Delta R.T.: -0.023 min  
Response: 4468556  
Conc: 51.69 ug/ml



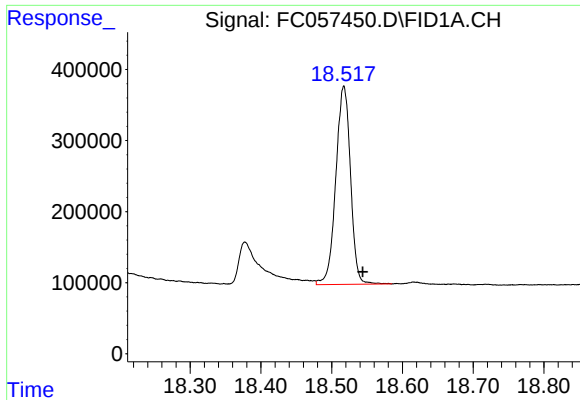
#16 n-Octacosane (C28)

R.T.: 16.804 min  
Delta R.T.: -0.026 min  
Response: 4829271  
Conc: 56.63 ug/ml



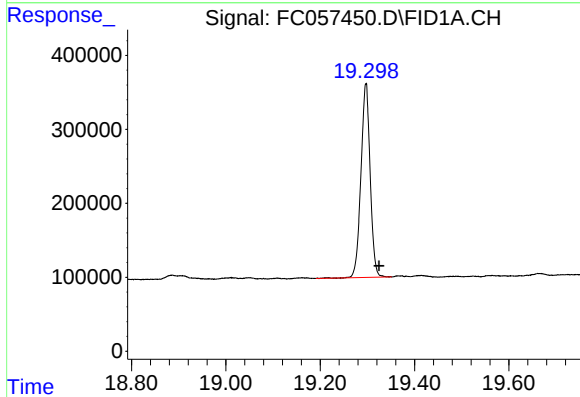
#17 n-Tricontane (C30)

R.T.: 17.688 min  
Delta R.T.: -0.026 min  
Response: 4210310  
Conc: 50.37 ug/ml



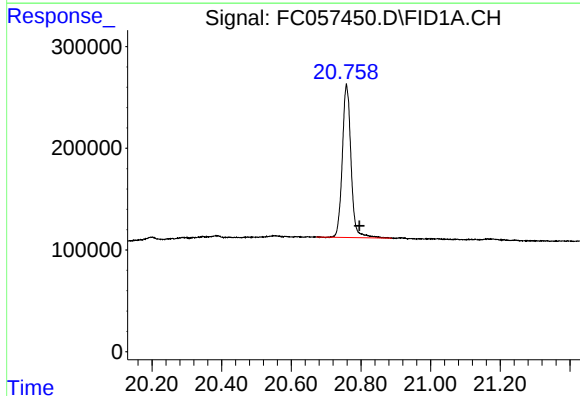
#18 n-Dotriacontane (C32)

R.T.: 18.517 min  
Delta R.T.: -0.027 min  
Response: 4023120  
Conc: 49.19 ug/ml



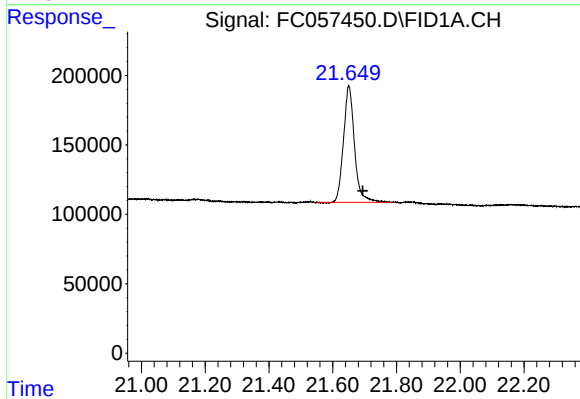
#19 n-Tetratriacontane (C34)

R.T.: 19.297 min  
Delta R.T.: -0.028 min  
Response: 3560501  
Conc: 43.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.759 min  
Delta R.T.: -0.037 min  
Response: 2604180  
Conc: 34.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.651 min  
Delta R.T.: -0.043 min  
Response: 2013607  
Conc: 26.94 ug/ml