

Data Path : Z:\bestpcbsrv\HPCHEM1\FID E\Data\FE070918AL\  
 Data File : FE028143.D  
 Signal(s) : FID1B.CH  
 Acq On : 09 Jul 2018 20:20  
 Operator : AJ\MA  
 Sample : AL WATER IDOC 03  
 Misc : FOR SJ  
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Jul 10 05:19:25 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Alaphatic EPH 062918.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 29 22:35:33 2018  
 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)    | 11.932 | 3971448    | 16.740 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 33.48%        |
| 12) S 1-chlorooctadecane (S... | 13.374 | 24091947   | 121.208 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 242.42%       |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.640  | 7381556    | 39.621 ug/ml  |
| 2) T n-Decane (C10)            | 4.712  | 11276269   | 59.858 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 6.318  | 2713020    | 12.807 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.739  | 16540839   | 85.014 ug/ml  |
| 5) T A-2-methylnaphthalene...  | 7.387  | 960757     | 4.449 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.548  | 20211841   | 98.214 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.159 | 23928133   | 110.010 ug/ml |
| 8) T n-Octadecane (C18)        | 11.608 | 25084835   | 110.259 ug/ml |
| 10) T n-Eicosane (C20)         | 12.924 | 23827427   | 100.569 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.541 | 29470929   | 124.966 ug/ml |
| 13) T n-Docosane (C22)         | 14.129 | 32943535   | 139.140 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.237 | 38297035   | 165.724 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.262 | 40520779   | 182.253 ug/ml |
| 16) T n-Octacosane (C28)       | 17.216 | 34934084   | 162.703 ug/ml |
| 17) T n-Tricontane (C30)       | 18.106 | 46514222   | 234.381 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.942 | 48590597   | 265.343 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.728 | 47149283   | 275.848 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.472 | 56199227   | 342.138 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.295 | 78949148   | 479.757 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.342 | 79990585   | 481.756 ug/ml |
| -----                          |        |            |               |

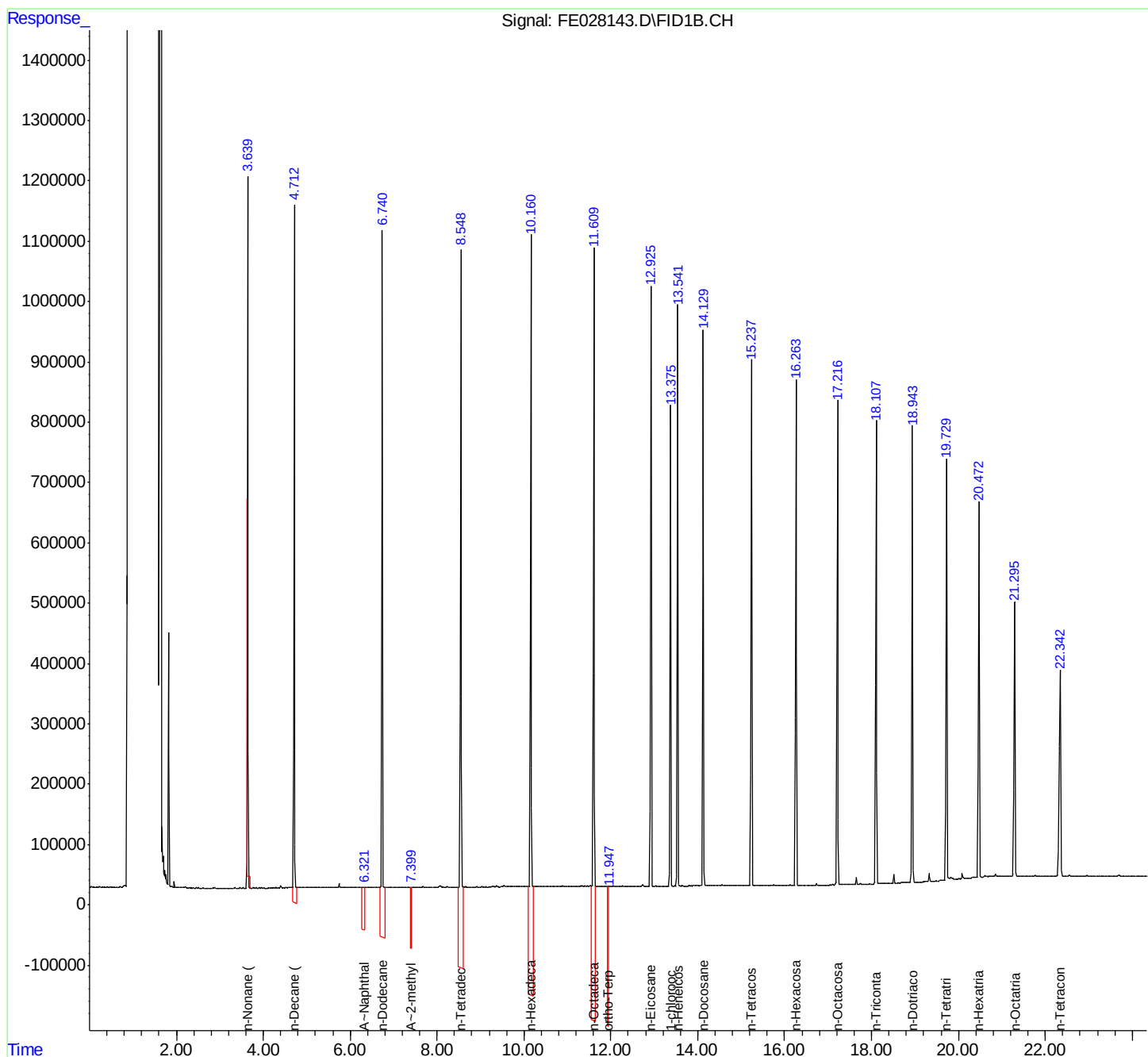
(f)=RT Delta > 1/2 Window

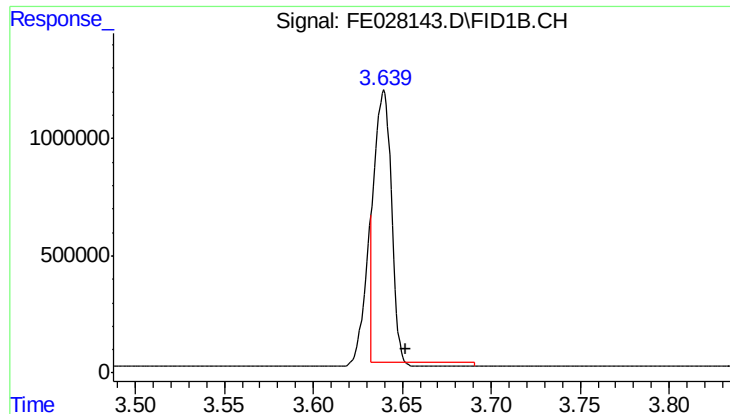
(m)=manual int.

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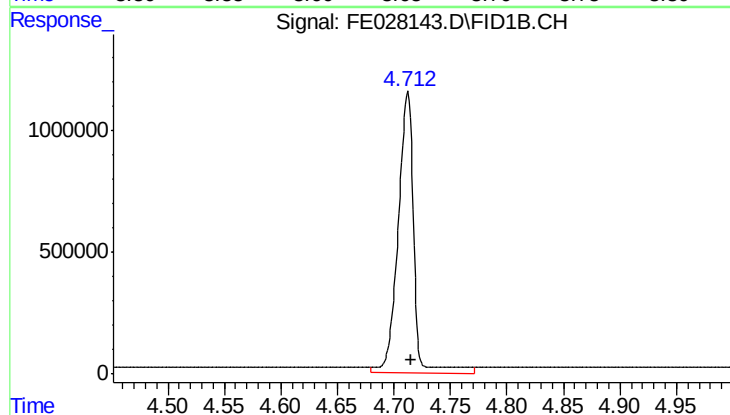
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um





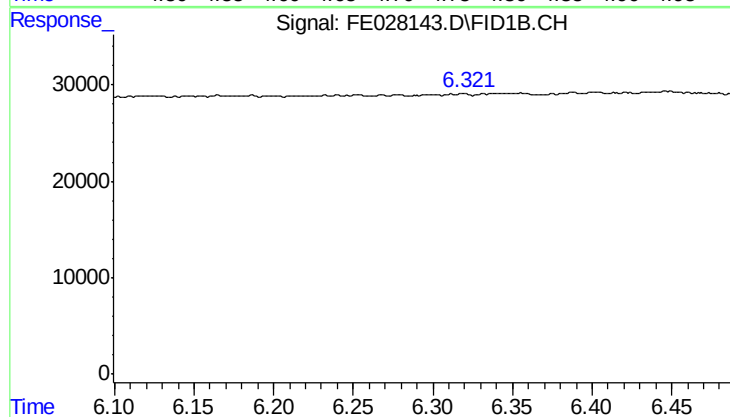
#1 n-Nonane (C9)

R.T.: 3.640 min  
Delta R.T.: -0.012 min  
Response: 7381556  
Conc: 39.62 ug/ml



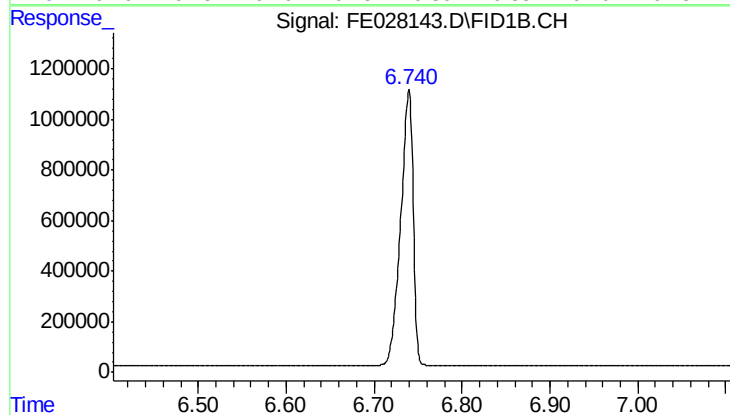
#2 n-Decane (C10)

R.T.: 4.712 min  
Delta R.T.: -0.003 min  
Response: 11276269  
Conc: 59.86 ug/ml



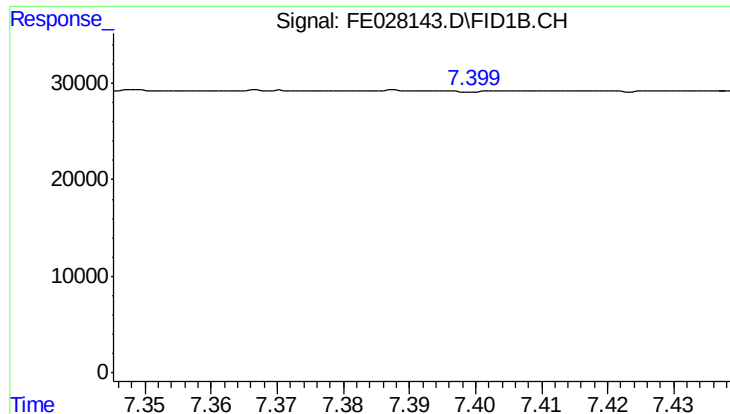
#3 A-Naphthalene (C11.7)

R.T.: 6.318 min  
Delta R.T.: -0.008 min  
Response: 2713020  
Conc: 12.81 ug/ml



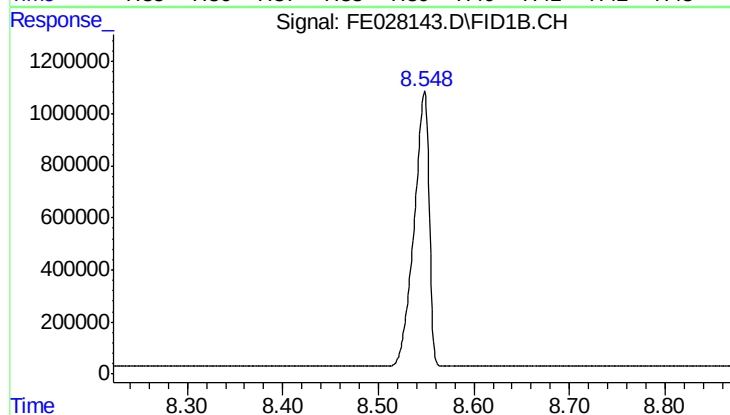
#4 n-Dodecane (C12)

R.T.: 6.739 min  
Delta R.T.: 0.000 min  
Response: 16540839  
Conc: 85.01 ug/ml



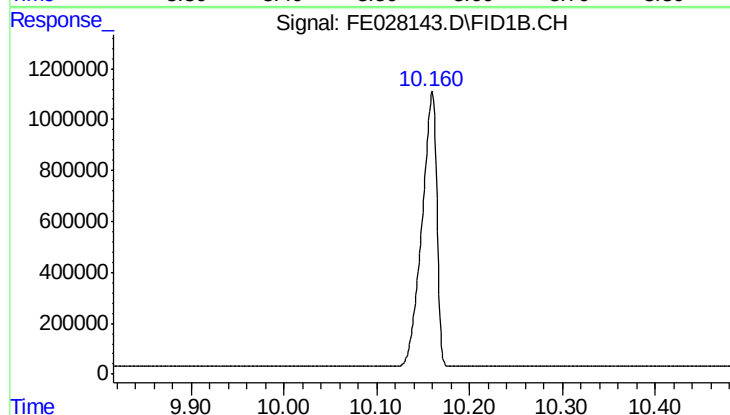
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.387 min  
Delta R.T.: 0.000 min  
Response: 960757  
Conc: 4.45 ug/ml



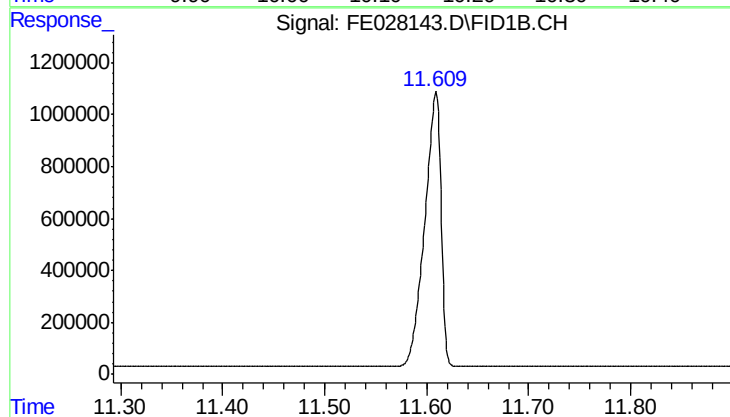
#6 n-Tetradecane (C14)

R.T.: 8.548 min  
Delta R.T.: 0.000 min  
Response: 20211841  
Conc: 98.21 ug/ml



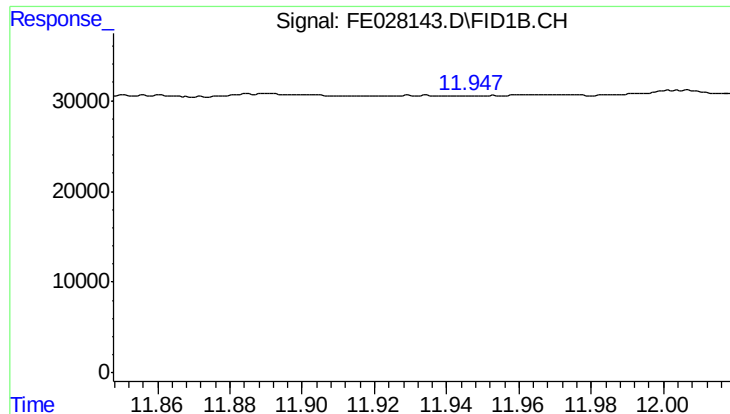
#7 n-Hexadecane (C16)

R.T.: 10.159 min  
Delta R.T.: 0.000 min  
Response: 23928133  
Conc: 110.01 ug/ml



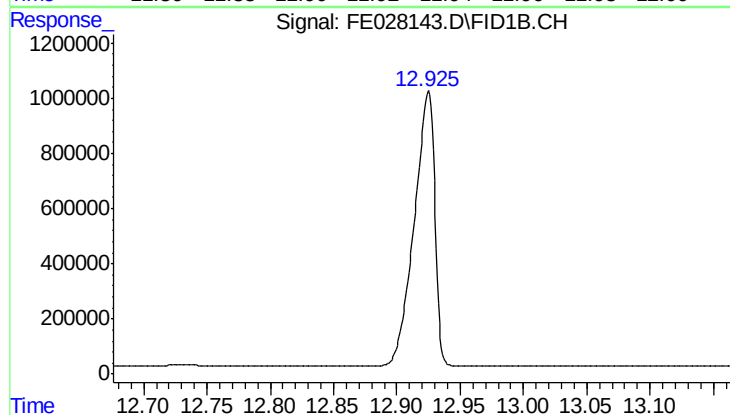
#8 n-Octadecane (C18)

R.T.: 11.608 min  
Delta R.T.: 0.000 min  
Response: 25084835  
Conc: 110.26 ug/ml



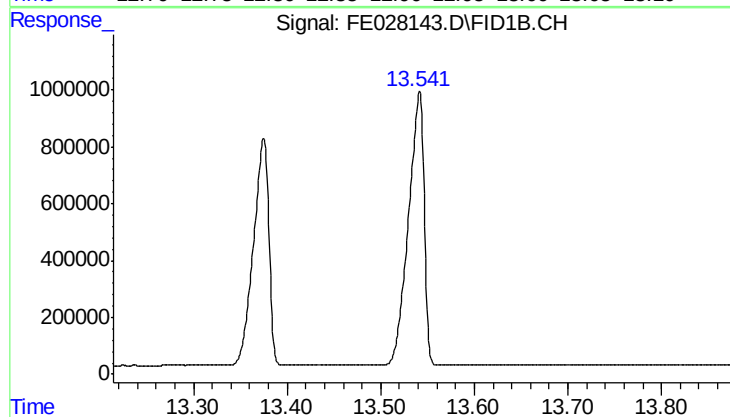
#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min  
Delta R.T.: -0.017 min  
Response: 3971448  
Conc: 16.74 ug/ml



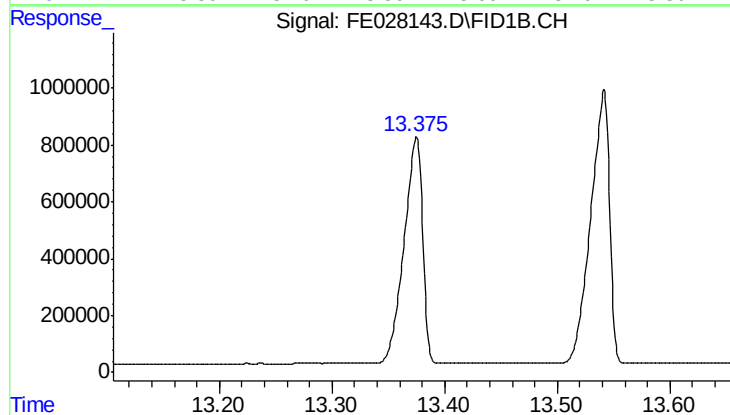
#10 n-Eicosane (C20)

R.T.: 12.924 min  
Delta R.T.: 0.000 min  
Response: 23827427  
Conc: 100.57 ug/ml



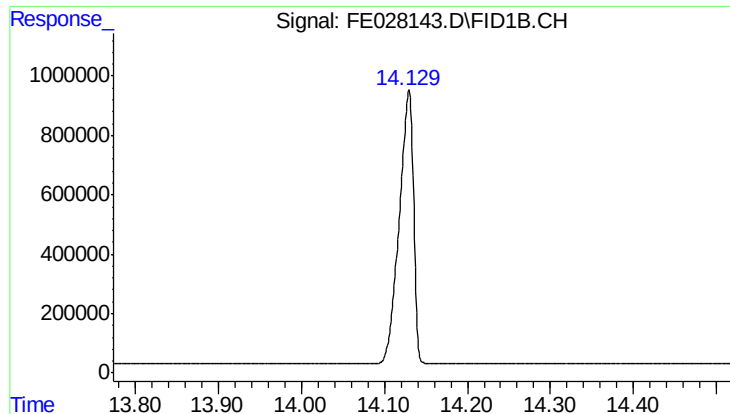
#11 n-Heneicosane (C21)

R.T.: 13.541 min  
Delta R.T.: 0.000 min  
Response: 29470929  
Conc: 124.97 ug/ml



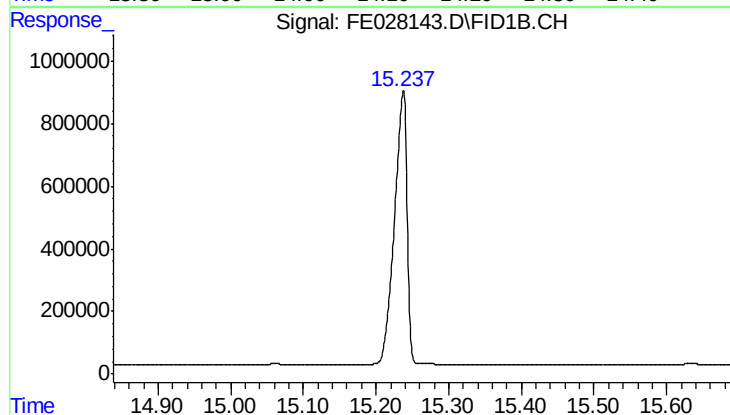
#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min  
Delta R.T.: -0.002 min  
Response: 24091947  
Conc: 121.21 ug/ml



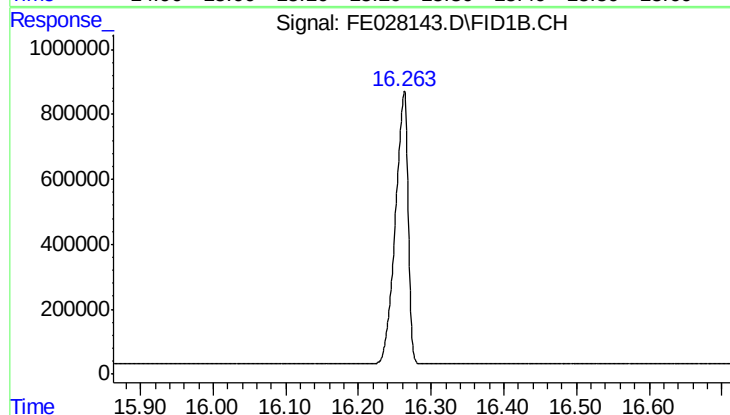
#13 n-Docosane (C22)

R.T.: 14.129 min  
Delta R.T.: 0.000 min  
Response: 32943535  
Conc: 139.14 ug/ml



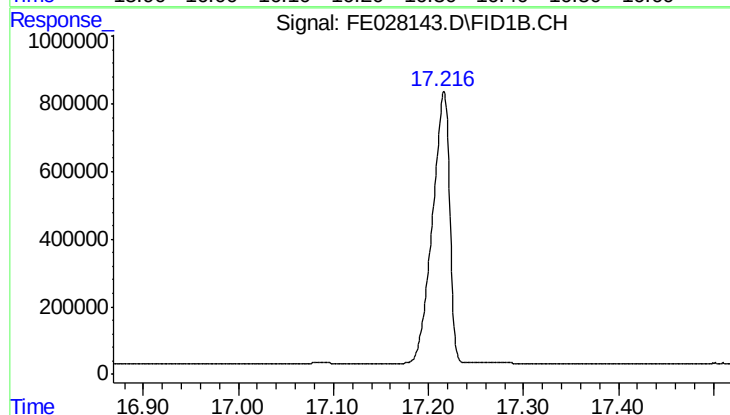
#14 n-Tetracosane (C24)

R.T.: 15.237 min  
Delta R.T.: 0.000 min  
Response: 38297035  
Conc: 165.72 ug/ml



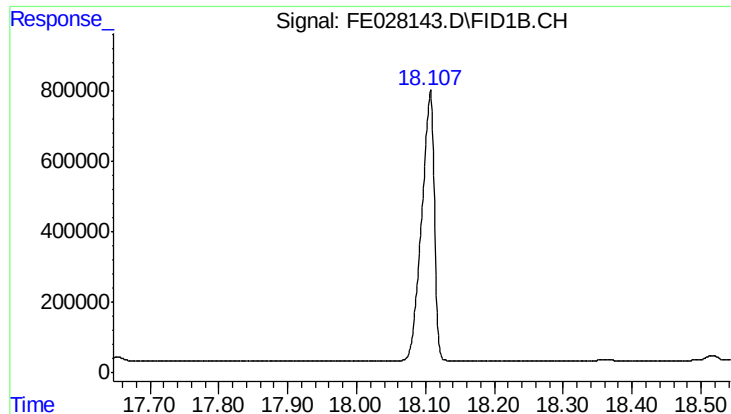
#15 n-Hexacosane (C26)

R.T.: 16.262 min  
Delta R.T.: -0.001 min  
Response: 40520779  
Conc: 182.25 ug/ml



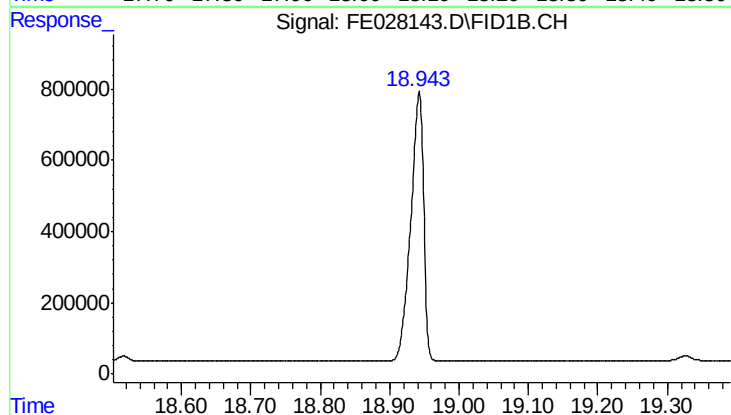
#16 n-Octacosane (C28)

R.T.: 17.216 min  
Delta R.T.: -0.002 min  
Response: 34934084  
Conc: 162.70 ug/ml



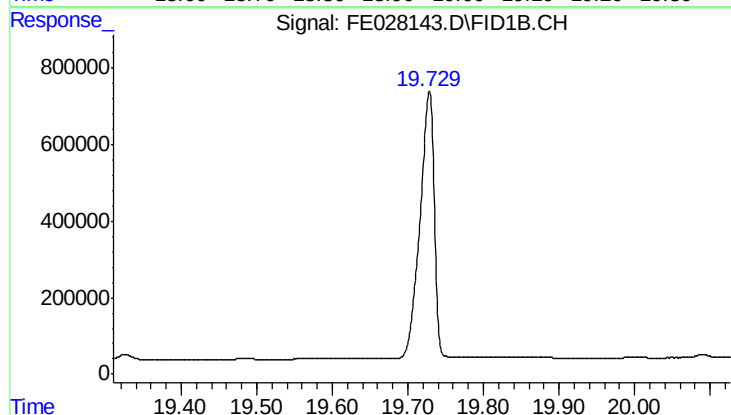
#17 n-Tricontane (C30)

R.T.: 18.106 min  
Delta R.T.: -0.002 min  
Response: 46514222  
Conc: 234.38 ug/ml



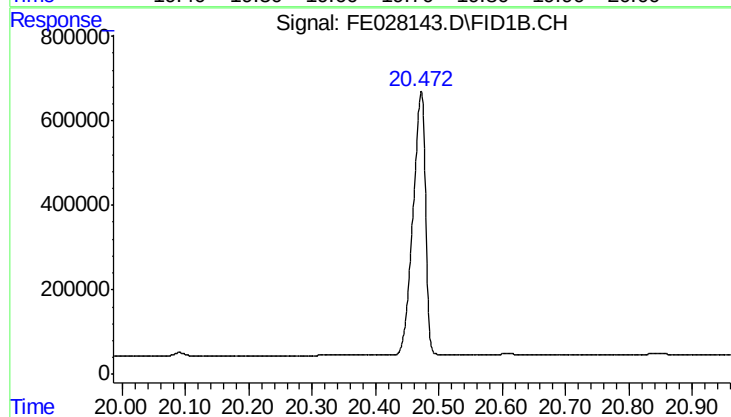
#18 n-Dotriacontane (C32)

R.T.: 18.942 min  
Delta R.T.: -0.002 min  
Response: 48590597  
Conc: 265.34 ug/ml



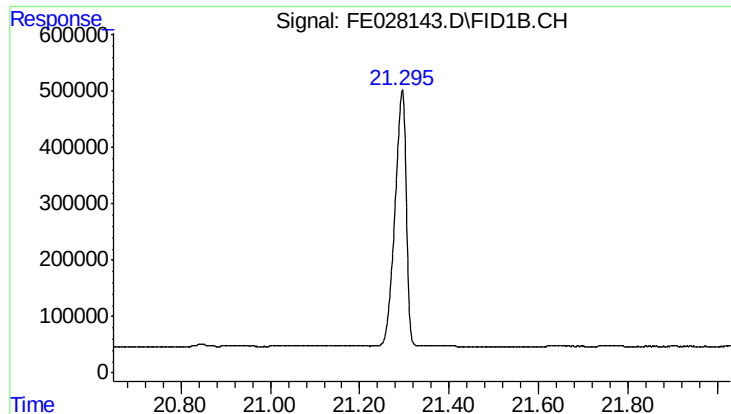
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min  
Delta R.T.: -0.001 min  
Response: 47149283  
Conc: 275.85 ug/ml



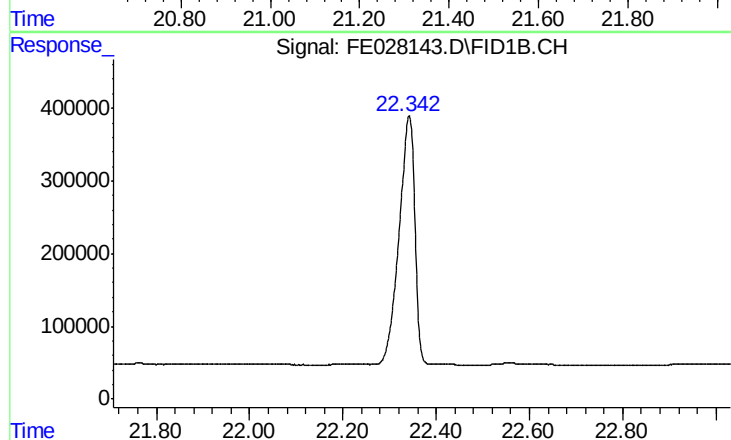
#20 n-Hexatriacontane (C36)

R.T.: 20.472 min  
Delta R.T.: -0.002 min  
Response: 56199227  
Conc: 342.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.295 min  
Delta R.T.: -0.004 min  
Response: 78949148  
Conc: 479.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.342 min  
Delta R.T.: -0.004 min  
Response: 79990585  
Conc: 481.76 ug/ml