

Data Path : P:\HPCHEM1\FID D\Data\FD041218AL\  
 Data File : FD022964.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 Apr 2018 9:34  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 12 10:00:21 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 031618.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 19 11:51:27 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)    | 11.185 | 1732760    | 16.879 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.76%       |
| 12) S 1-chlorooctadecane (S... | 12.627 | 1409497    | 17.832 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.66%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.027  | 1347511    | 15.322 ug/ml |
| 2) T n-Decane (C10)            | 4.079  | 1393976    | 15.715 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.645  | 1548915    | 16.390 ug/ml |
| 4) T n-Dodecane (C12)          | 6.082  | 1487204    | 16.163 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.694  | 1590180    | 16.455 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.864  | 1535878    | 16.235 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.454  | 1547787    | 16.232 ug/ml |
| 8) T n-Octadecane (C18)        | 10.886 | 1532902    | 16.266 ug/ml |
| 10) T n-Eicosane (C20)         | 12.188 | 1574850    | 16.371 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.797 | 1574678    | 16.347 ug/ml |
| 13) T n-Docosane (C22)         | 13.380 | 1605704    | 16.553 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.476 | 1648111    | 16.935 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.491 | 1668324    | 17.036 ug/ml |
| 16) T n-Octacosane (C28)       | 16.437 | 1715002    | 17.239 ug/ml |
| 17) T n-Tricontane (C30)       | 17.319 | 1681231    | 17.396 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.149 | 1443239    | 15.370 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.927 | 1944534    | 21.613 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.664 | 2025340    | 23.718 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.360 | 3776366    | 45.581 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.125 | 1120104    | 14.382 ug/ml |
| -----                          |        |            |              |

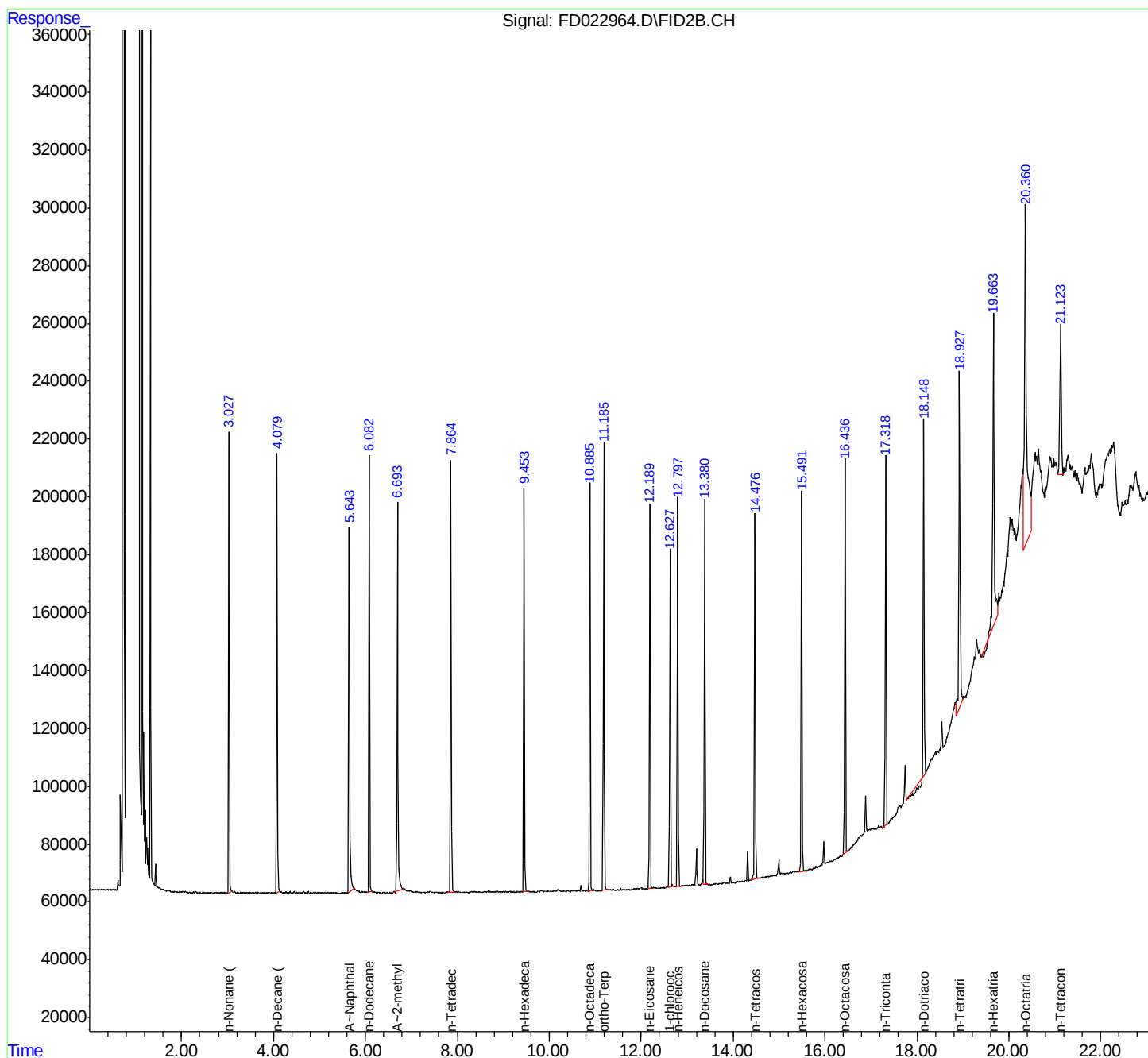
(f)=RT Delta > 1/2 Window

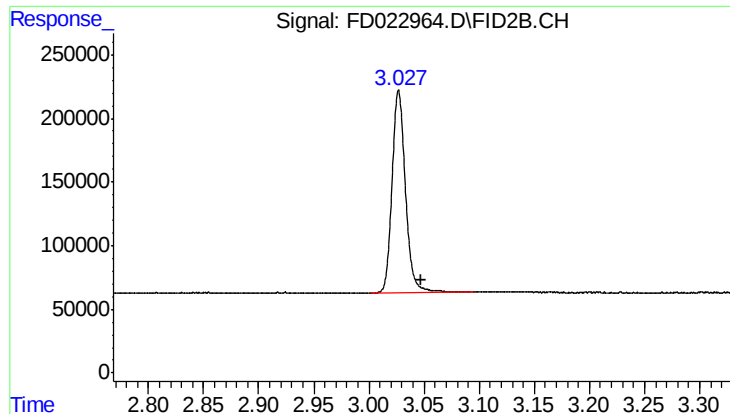
(m)=manual int.

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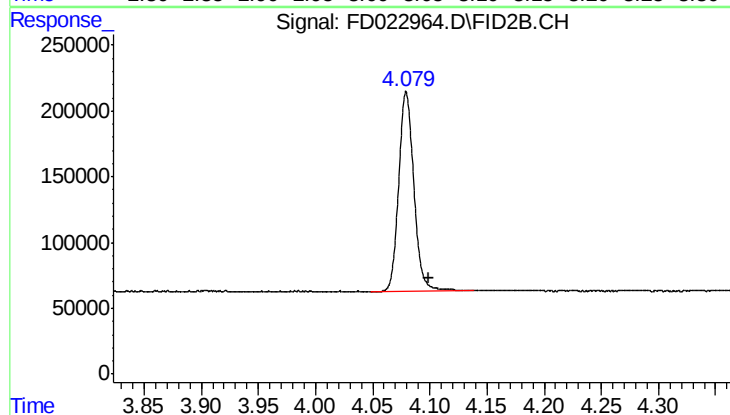
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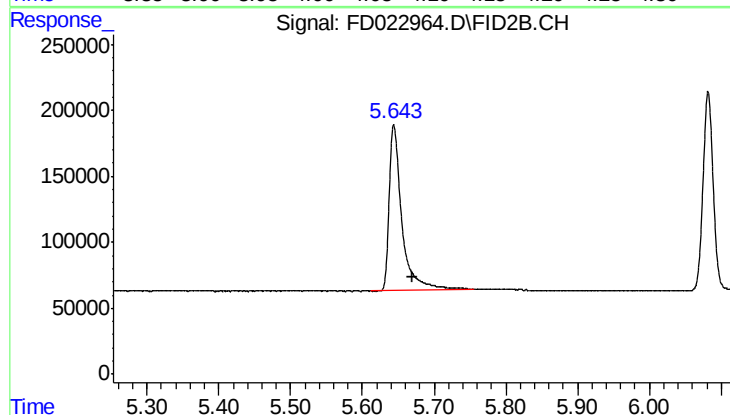
#1 n-Nonane (C9)

R.T.: 3.027 min  
Delta R.T.: -0.020 min  
Response: 1347511  
Conc: 15.32 ug/ml



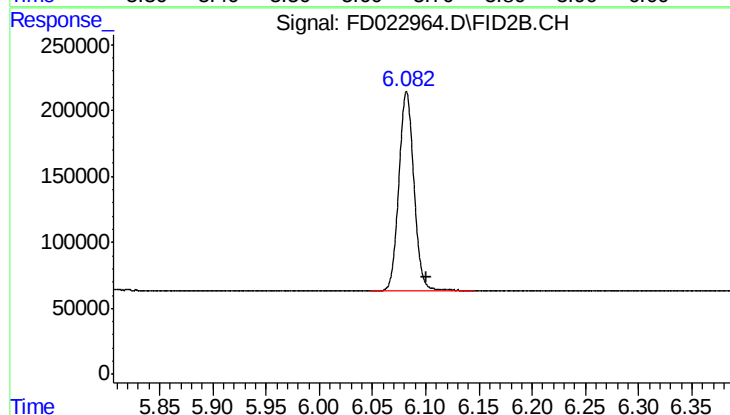
#2 n-Decane (C10)

R.T.: 4.079 min  
Delta R.T.: -0.020 min  
Response: 1393976  
Conc: 15.71 ug/ml



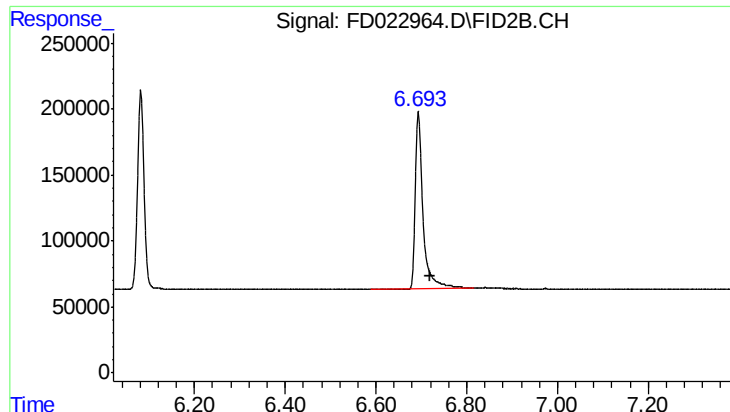
#3 A-Naphthalene (C11.7)

R.T.: 5.645 min  
Delta R.T.: -0.025 min  
Response: 1548915  
Conc: 16.39 ug/ml



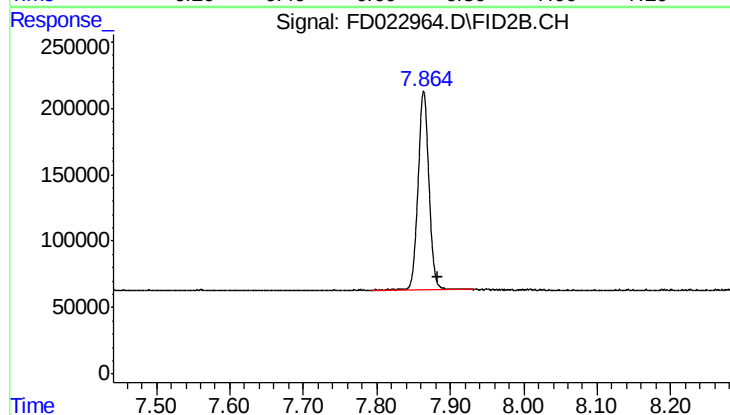
#4 n-Dodecane (C12)

R.T.: 6.082 min  
Delta R.T.: -0.019 min  
Response: 1487204  
Conc: 16.16 ug/ml



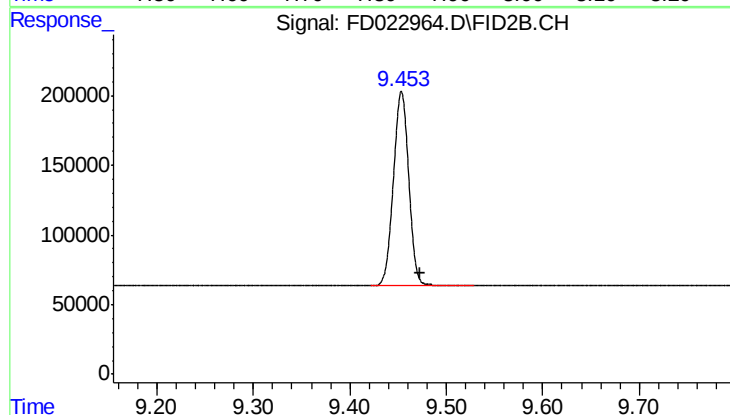
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.694 min  
Delta R.T.: -0.025 min  
Response: 1590180  
Conc: 16.45 ug/ml



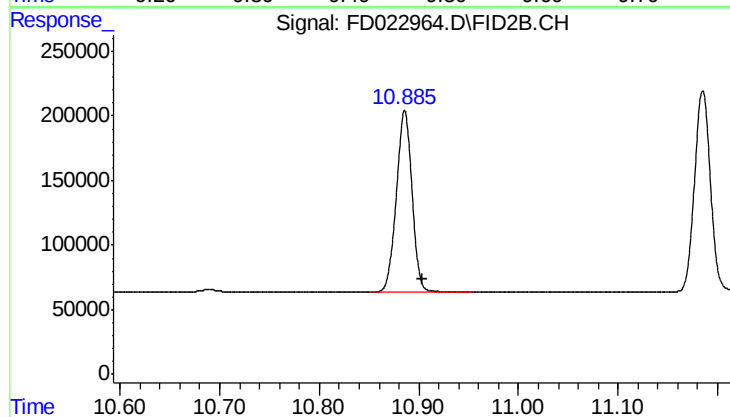
#6 n-Tetradecane (C14)

R.T.: 7.864 min  
Delta R.T.: -0.018 min  
Response: 1535878  
Conc: 16.23 ug/ml



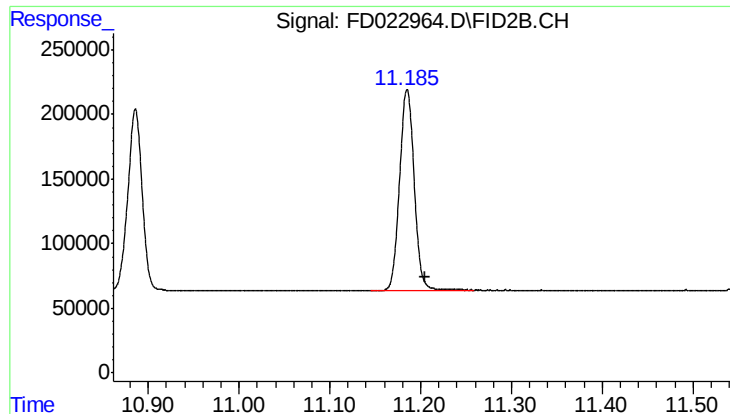
#7 n-Hexadecane (C16)

R.T.: 9.454 min  
Delta R.T.: -0.019 min  
Response: 1547787  
Conc: 16.23 ug/ml



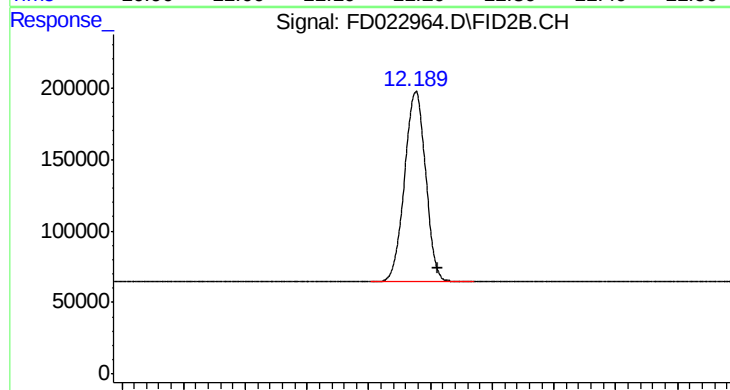
#8 n-Octadecane (C18)

R.T.: 10.886 min  
Delta R.T.: -0.018 min  
Response: 1532902  
Conc: 16.27 ug/ml



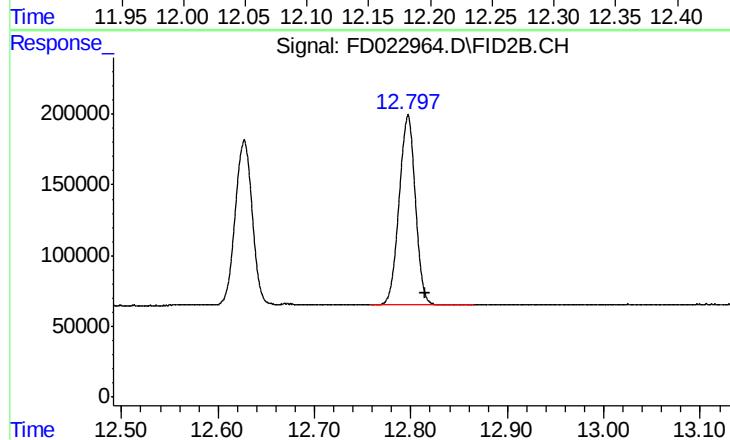
#9 ortho-Terphenyl (SURR)

R.T.: 11.185 min  
Delta R.T.: -0.020 min  
Response: 1732760  
Conc: 16.88 ug/ml



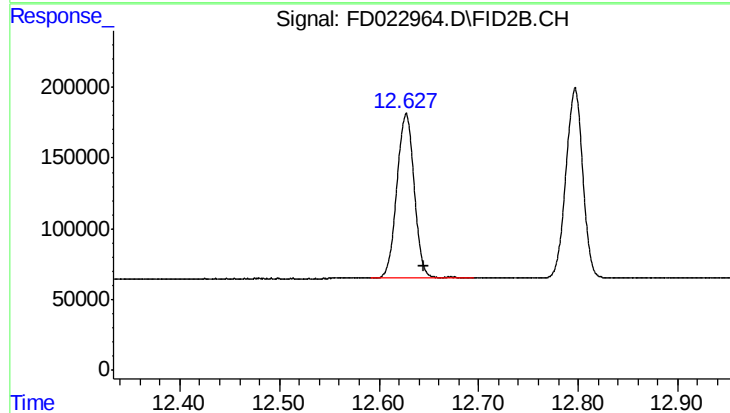
#10 n-Eicosane (C20)

R.T.: 12.188 min  
Delta R.T.: -0.018 min  
Response: 1574850  
Conc: 16.37 ug/ml



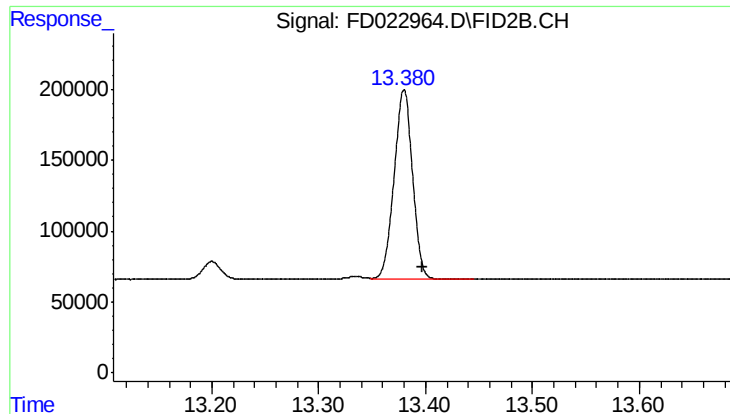
#11 n-Heneicosane (C21)

R.T.: 12.797 min  
Delta R.T.: -0.018 min  
Response: 1574678  
Conc: 16.35 ug/ml



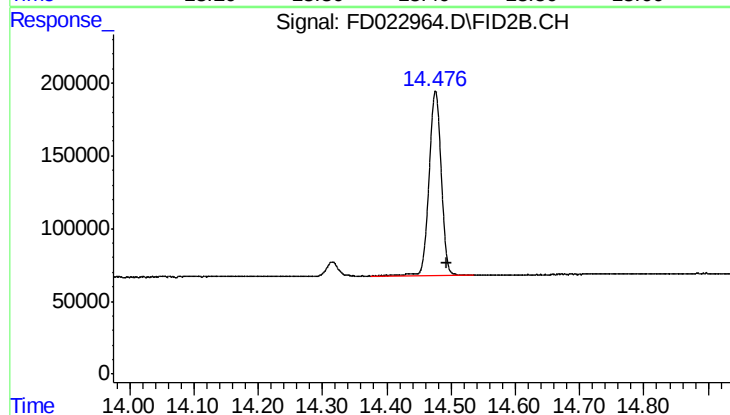
#12 1-chlorooctadecane (SURR)

R.T.: 12.627 min  
Delta R.T.: -0.018 min  
Response: 1409497  
Conc: 17.83 ug/ml



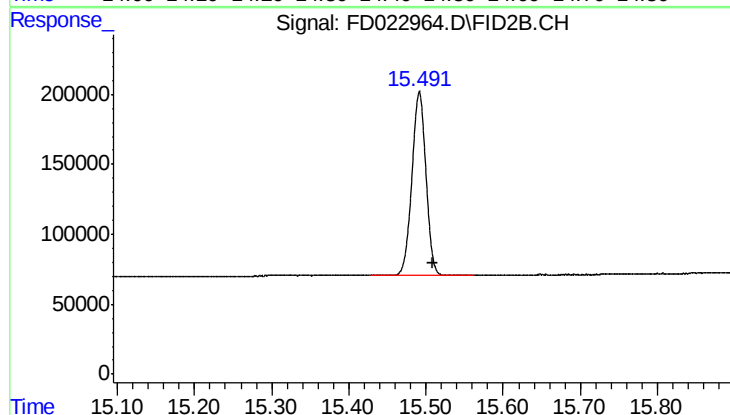
#13 n-Docosane (C22)

R.T.: 13.380 min  
Delta R.T.: -0.018 min  
Response: 1605704  
Conc: 16.55 ug/ml



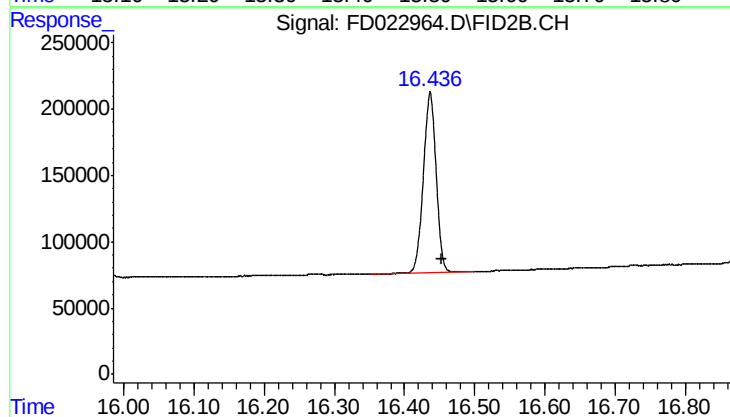
#14 n-Tetracosane (C24)

R.T.: 14.476 min  
Delta R.T.: -0.018 min  
Response: 1648111  
Conc: 16.93 ug/ml



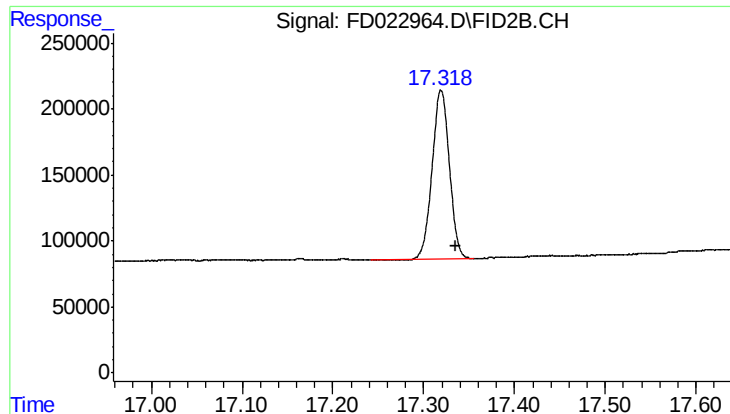
#15 n-Hexacosane (C26)

R.T.: 15.491 min  
Delta R.T.: -0.018 min  
Response: 1668324  
Conc: 17.04 ug/ml



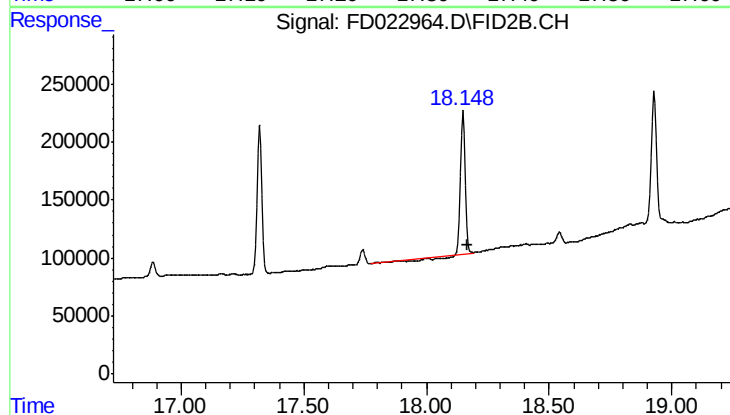
#16 n-Octacosane (C28)

R.T.: 16.437 min  
Delta R.T.: -0.017 min  
Response: 1715002  
Conc: 17.24 ug/ml



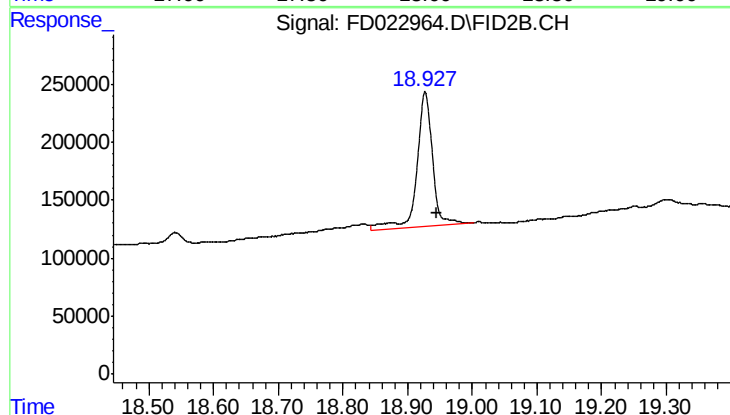
#17 n-Tricontane (C30)

R.T.: 17.319 min  
Delta R.T.: -0.016 min  
Response: 1681231  
Conc: 17.40 ug/ml



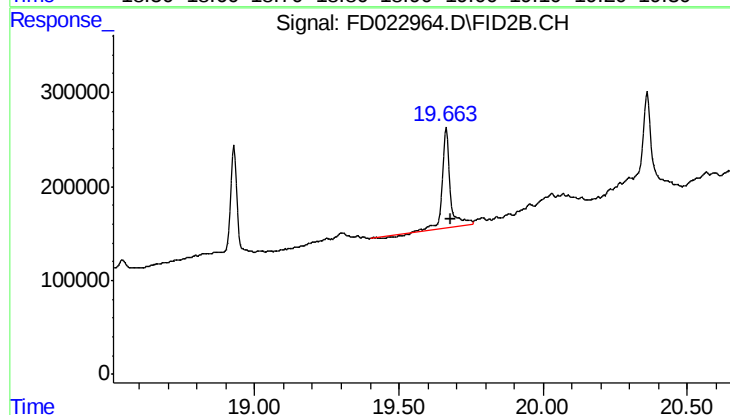
#18 n-Dotriacontane (C32)

R.T.: 18.149 min  
Delta R.T.: -0.016 min  
Response: 1443239  
Conc: 15.37 ug/ml



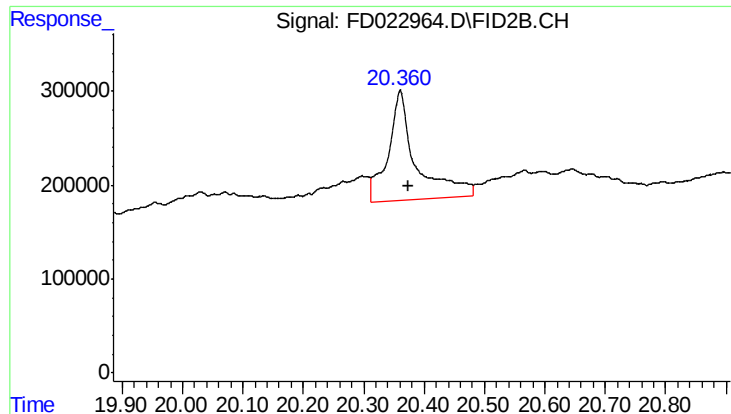
#19 n-Tetratriacontane (C34)

R.T.: 18.927 min  
Delta R.T.: -0.017 min  
Response: 1944534  
Conc: 21.61 ug/ml



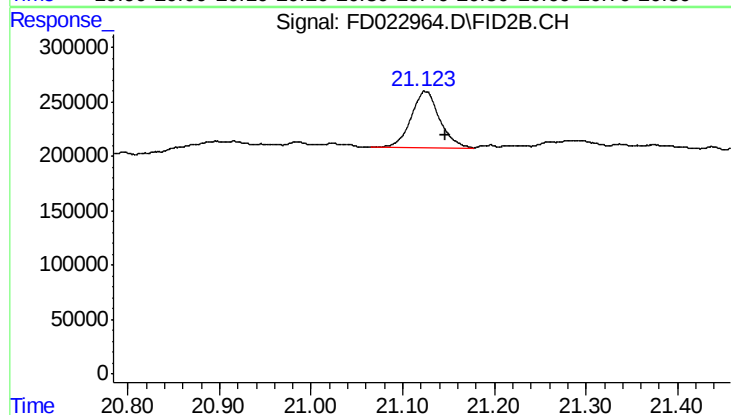
#20 n-Hexatriacontane (C36)

R.T.: 19.664 min  
Delta R.T.: -0.015 min  
Response: 2025340  
Conc: 23.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.360 min  
Delta R.T.: -0.015 min  
Response: 3776366  
Conc: 45.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.125 min  
Delta R.T.: -0.021 min  
Response: 1120104  
Conc: 14.38 ug/ml