

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062719AL\  
 Data File : FD029594.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Jun 2019 11:30  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 28 11:58:01 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 061219.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 13 08:26:29 2019  
 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)    | 11.604 | 2397897    | 18.144 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.29%       |
| 12) S 1-chlorooctadecane (S... | 13.028 | 1897507    | 17.535 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.07%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.396  | 2155817    | 18.630 ug/ml |
| 2) T n-Decane (C10)            | 4.462  | 2328340    | 19.877 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.045  | 2633531    | 19.683 ug/ml |
| 4) T n-Dodecane (C12)          | 6.472  | 2318354    | 19.777 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.096  | 2632884    | 19.620 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.259  | 2313851    | 19.471 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.851  | 2283590    | 19.062 ug/ml |
| 8) T n-Octadecane (C18)        | 11.284 | 2244190    | 18.492 ug/ml |
| 10) T n-Eicosane (C20)         | 12.585 | 2197896    | 17.869 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.193 | 2160359    | 17.569 ug/ml |
| 13) T n-Docosane (C22)         | 13.775 | 2133010    | 17.324 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.870 | 2080914    | 16.859 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.883 | 2012070    | 16.523 ug/ml |
| 16) T n-Octacosane (C28)       | 16.825 | 1989025    | 16.558 ug/ml |
| 17) T n-Tricontane (C30)       | 17.705 | 1915658    | 16.379 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.531 | 1788777    | 16.509 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.307 | 1548170    | 17.380 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.040 | 1415975    | 19.133 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.761 | 1313556    | 18.935 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.648 | 1358289    | 19.190 ug/ml |
| -----                          |        |            |              |

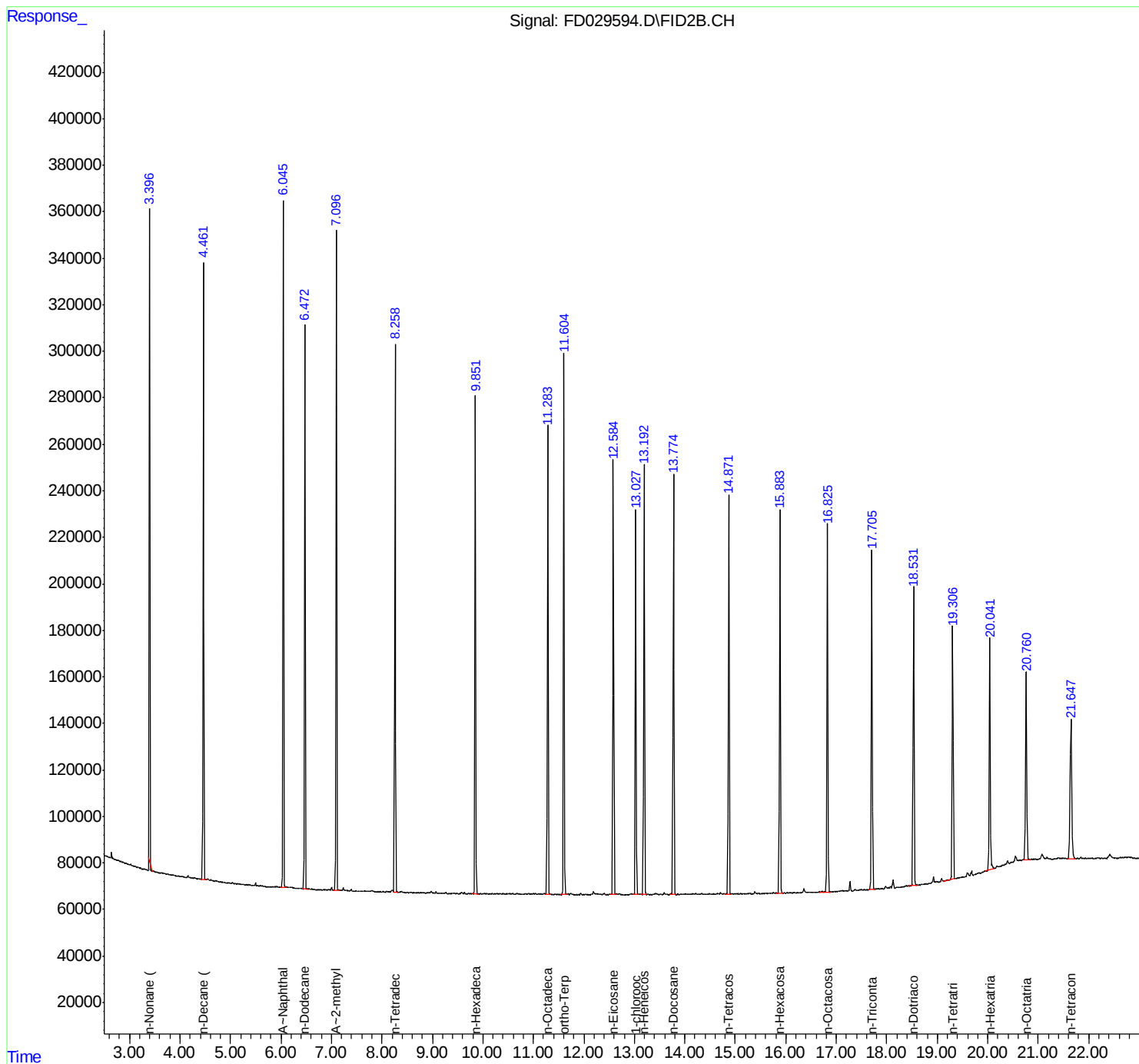
(f)=RT Delta > 1/2 Window

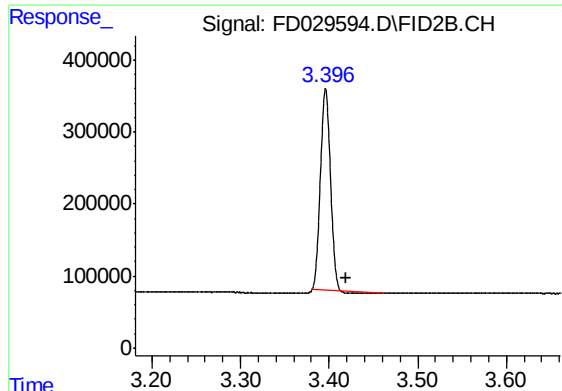
(m)=manual int.

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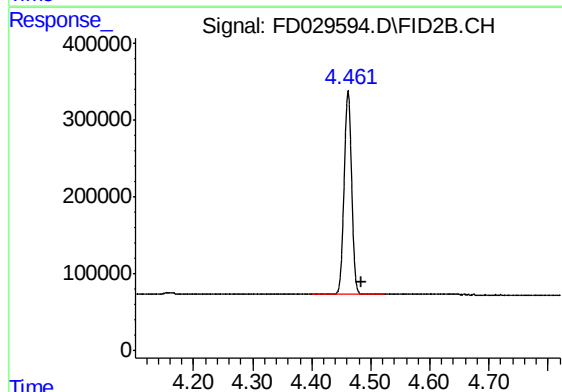
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





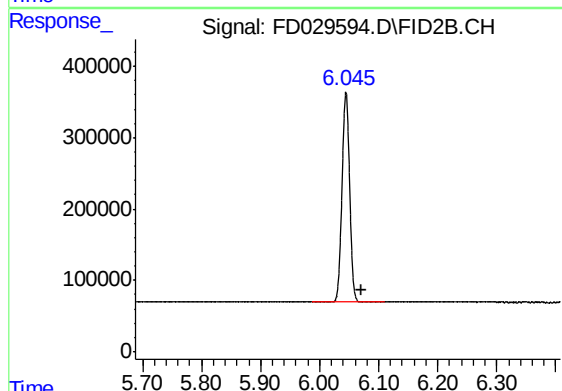
#1 n-Nonane (C9)

R.T.: 3.396 min  
Delta R.T.: -0.023 min  
Response: 2155817  
Conc: 18.63 ug/ml



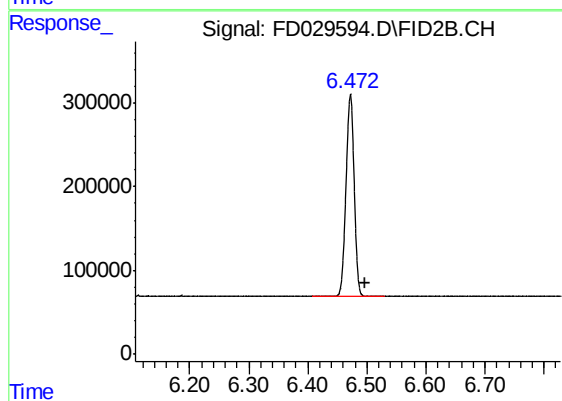
#2 n-Decane (C10)

R.T.: 4.462 min  
Delta R.T.: -0.023 min  
Response: 2328340  
Conc: 19.88 ug/ml



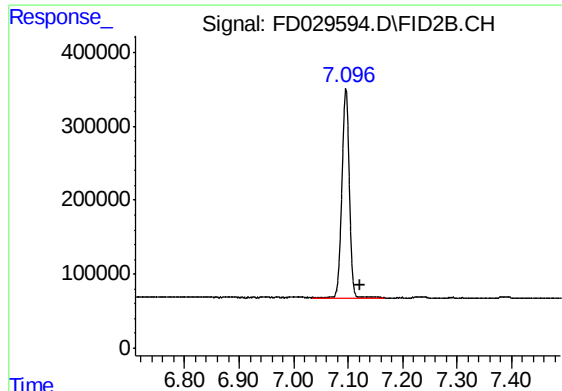
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min  
Delta R.T.: -0.027 min  
Response: 2633531  
Conc: 19.68 ug/ml



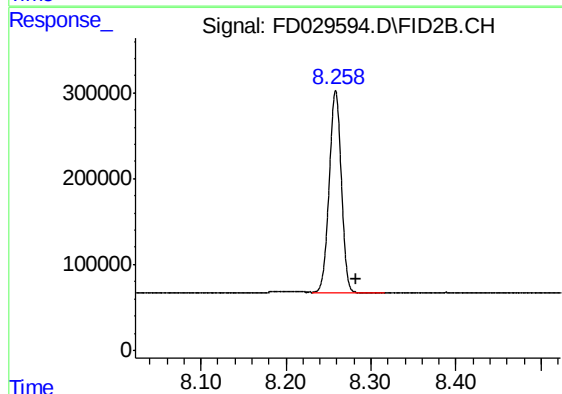
#4 n-Dodecane (C12)

R.T.: 6.472 min  
Delta R.T.: -0.024 min  
Response: 2318354  
Conc: 19.78 ug/ml



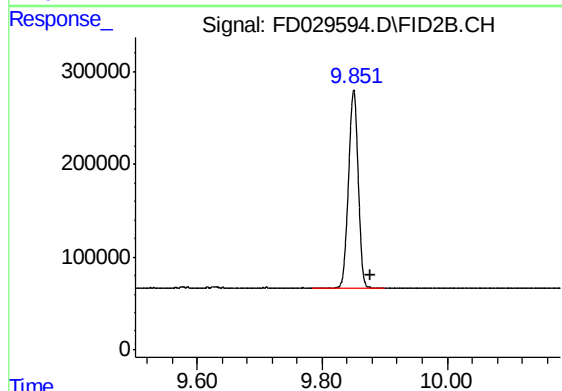
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min  
Delta R.T.: -0.027 min  
Response: 2632884  
Conc: 19.62 ug/ml



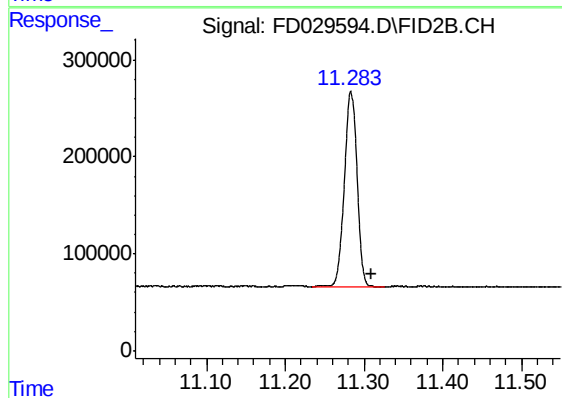
#6 n-Tetradecane (C14)

R.T.: 8.259 min  
Delta R.T.: -0.025 min  
Response: 2313851  
Conc: 19.47 ug/ml



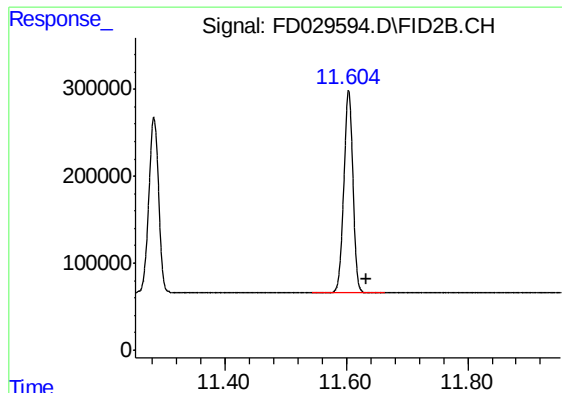
#7 n-Hexadecane (C16)

R.T.: 9.851 min  
Delta R.T.: -0.026 min  
Response: 2283590  
Conc: 19.06 ug/ml



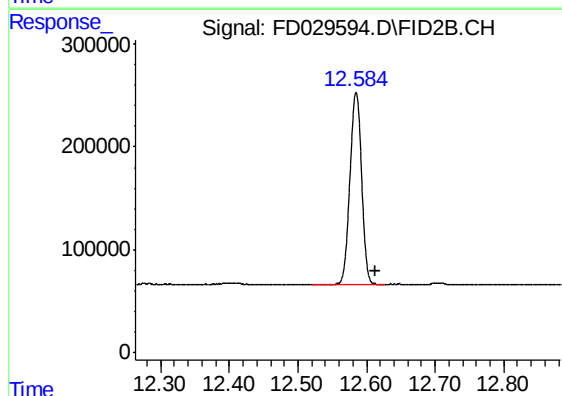
#8 n-Octadecane (C18)

R.T.: 11.284 min  
Delta R.T.: -0.027 min  
Response: 2244190  
Conc: 18.49 ug/ml



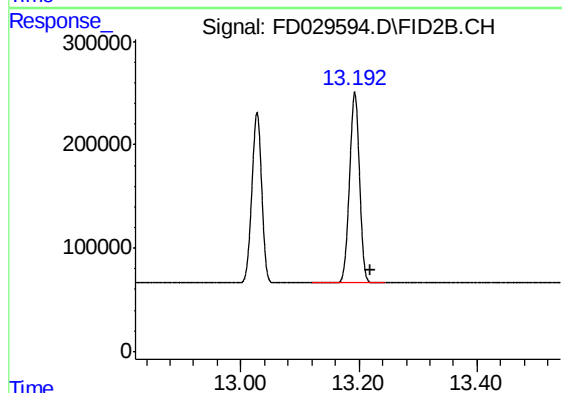
#9 ortho-Terphenyl (SURR)

R.T.: 11.604 min  
Delta R.T.: -0.028 min  
Response: 2397897  
Conc: 18.14 ug/ml



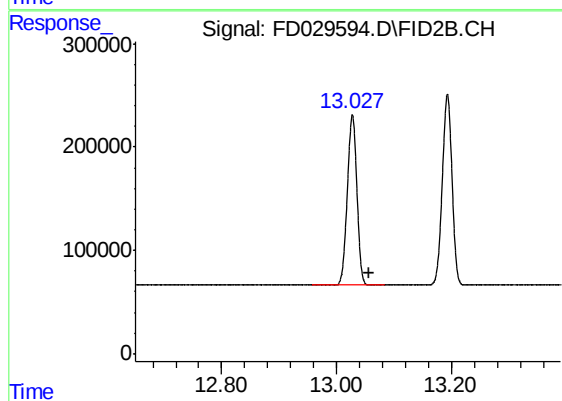
#10 n-Eicosane (C20)

R.T.: 12.585 min  
Delta R.T.: -0.028 min  
Response: 2197896  
Conc: 17.87 ug/ml



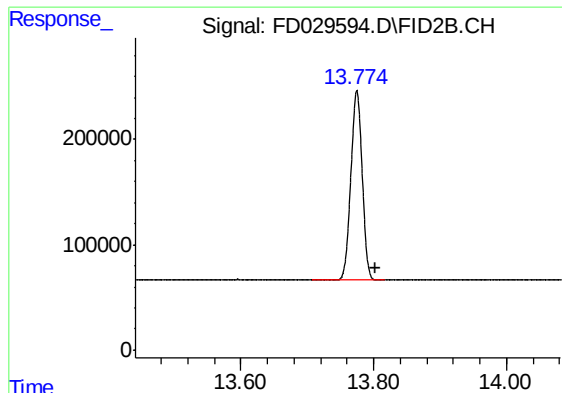
#11 n-Heneicosane (C21)

R.T.: 13.193 min  
Delta R.T.: -0.027 min  
Response: 2160359  
Conc: 17.57 ug/ml



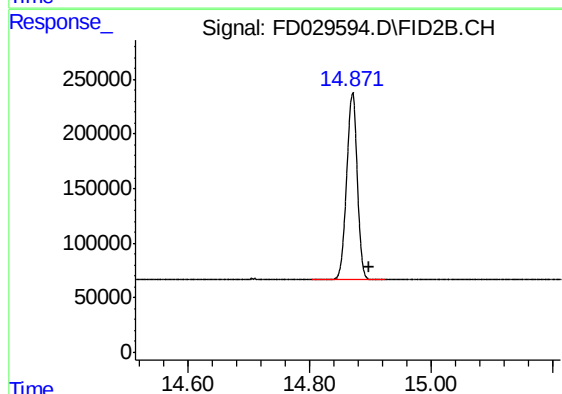
#12 1-chlorooctadecane (SURR)

R.T.: 13.028 min  
Delta R.T.: -0.028 min  
Response: 1897507  
Conc: 17.53 ug/ml



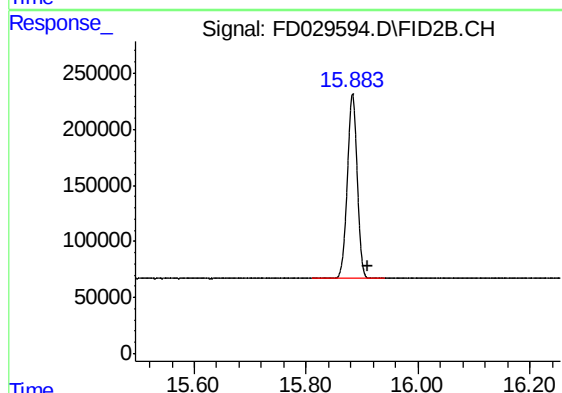
#13 n-Docosane (C22)

R.T.: 13.775 min  
Delta R.T.: -0.028 min  
Response: 2133010  
Conc: 17.32 ug/ml



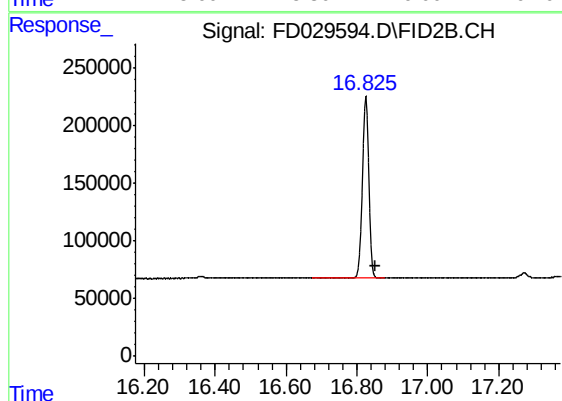
#14 n-Tetracosane (C24)

R.T.: 14.870 min  
Delta R.T.: -0.027 min  
Response: 2080914  
Conc: 16.86 ug/ml



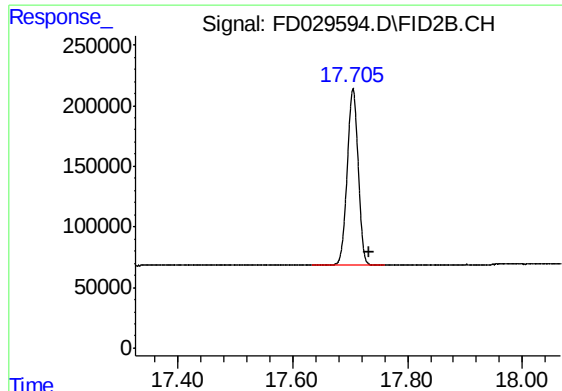
#15 n-Hexacosane (C26)

R.T.: 15.883 min  
Delta R.T.: -0.028 min  
Response: 2012070  
Conc: 16.52 ug/ml



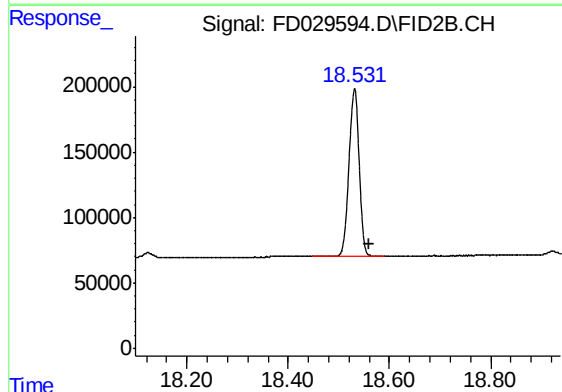
#16 n-Octacosane (C28)

R.T.: 16.825 min  
Delta R.T.: -0.028 min  
Response: 1989025  
Conc: 16.56 ug/ml



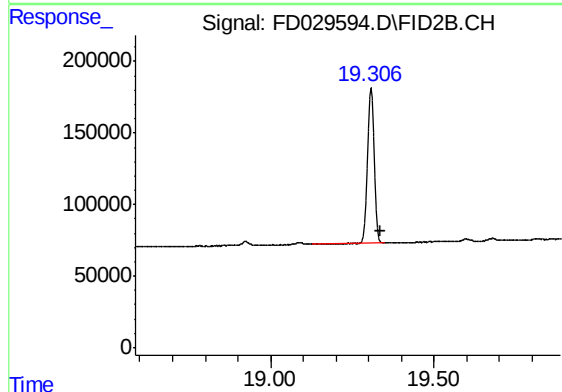
#17 n-Tricontane (C30)

R.T.: 17.705 min  
Delta R.T.: -0.028 min  
Response: 1915658  
Conc: 16.38 ug/ml



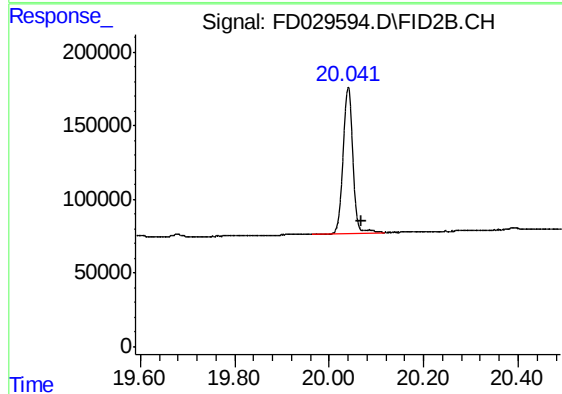
#18 n-Dotriacontane (C32)

R.T.: 18.531 min  
Delta R.T.: -0.028 min  
Response: 1788777  
Conc: 16.51 ug/ml



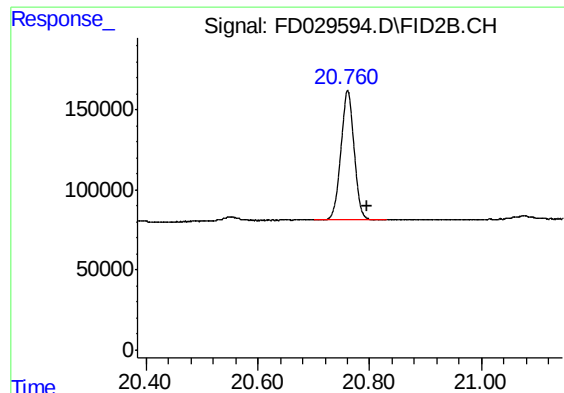
#19 n-Tetatriacontane (C34)

R.T.: 19.307 min  
Delta R.T.: -0.028 min  
Response: 1548170  
Conc: 17.38 ug/ml



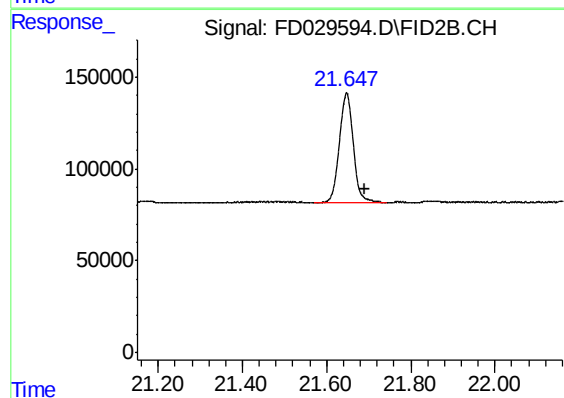
#20 n-Hexatriacontane (C36)

R.T.: 20.040 min  
Delta R.T.: -0.028 min  
Response: 1415975  
Conc: 19.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.761 min  
Delta R.T.: -0.034 min  
Response: 1313556  
Conc: 18.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.648 min  
Delta R.T.: -0.044 min  
Response: 1358289  
Conc: 19.19 ug/ml