

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020420AL\  
 Data File : FD032288.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Feb 2020 5:49  
 Operator : DD\AJ  
 Sample : 5 PPM ALIPHATICHC STD5  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 05 06:42:33 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 020420.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 05 06:40:46 2020  
 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)    | 11.531 | 816693     | 5.527 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 11.05%       |
| 12) S 1-chlorooctadecane (S... | 12.962 | 628213     | 5.481 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.96%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.333  | 723303     | 5.547 ug/ml  |
| 2) T n-Decane (C10)            | 4.394  | 713342     | 5.452 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.971  | 795369     | 5.398 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.402  | 724646     | 5.504 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.022  | 806947     | 5.410 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.188  | 724360     | 5.465 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.781  | 732454     | 5.483 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.216 | 736946     | 5.472 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.520 | 737720     | 5.477 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.129 | 744551     | 5.500 ug/ml  |
| 13) T n-Docosane (C22)         | 13.712 | 739527     | 5.488 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.811 | 741054     | 5.489 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.828 | 736448     | 5.512 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.773 | 724451     | 5.503 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.656 | 708515     | 5.597 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.485 | 632782     | 5.613 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.265 | 512861     | 5.666 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.002 | 462174     | 5.317 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.719 | 442566     | 5.945 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.588 | 535043     | 5.003 ug/ml  |
| -----                          |        |            |              |

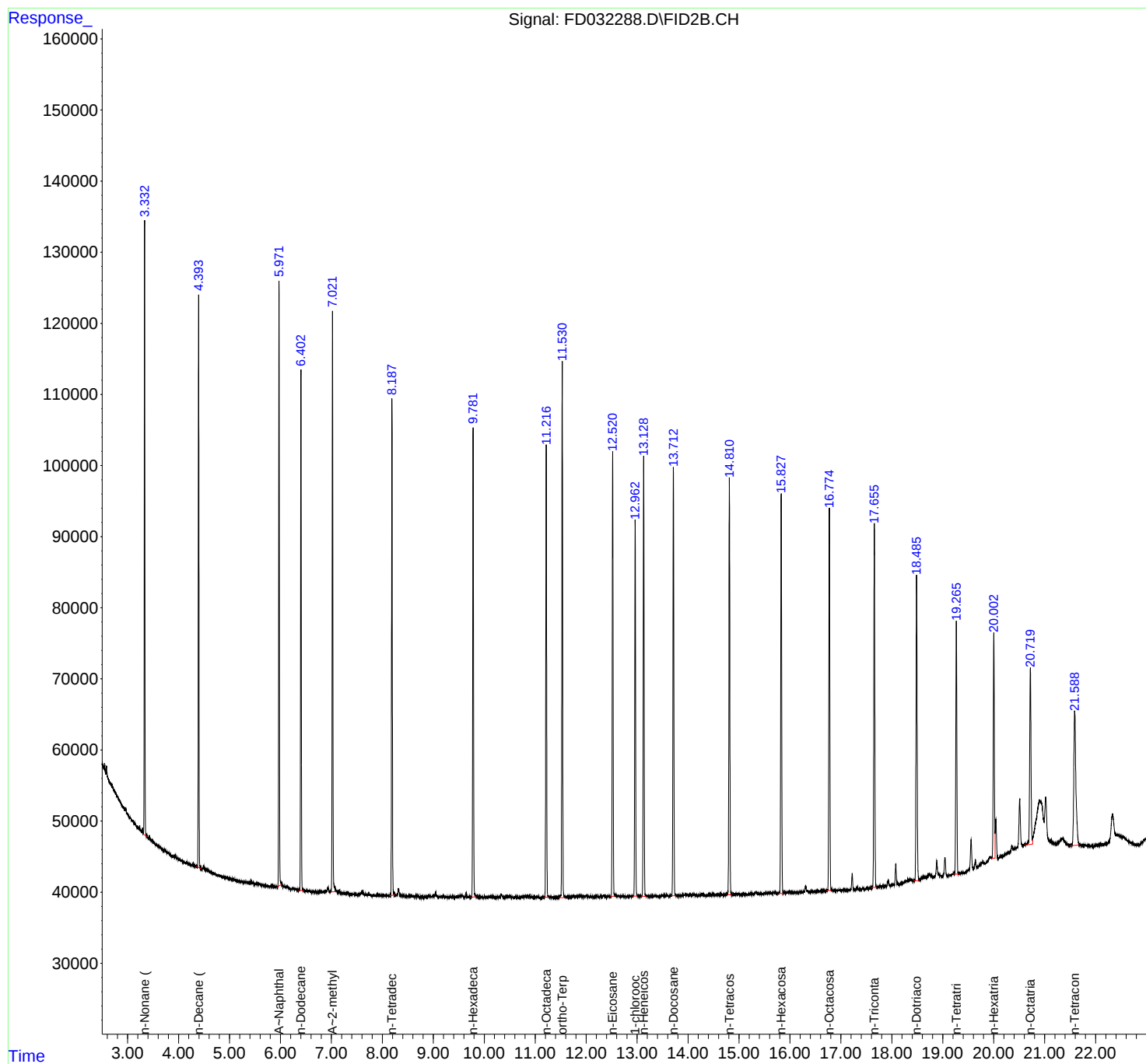
(f)=RT Delta > 1/2 Window

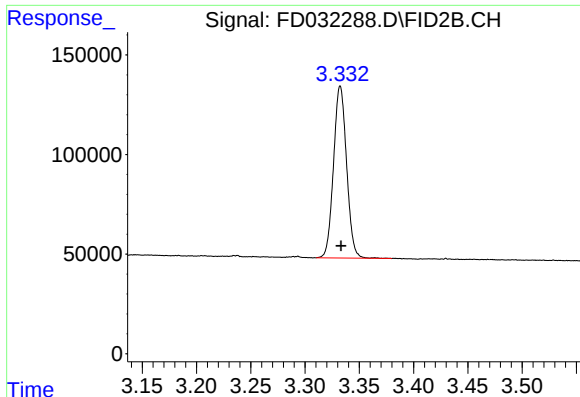
(m)=manual int.

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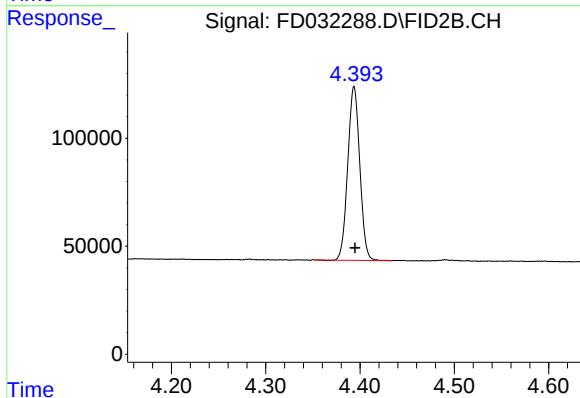
Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





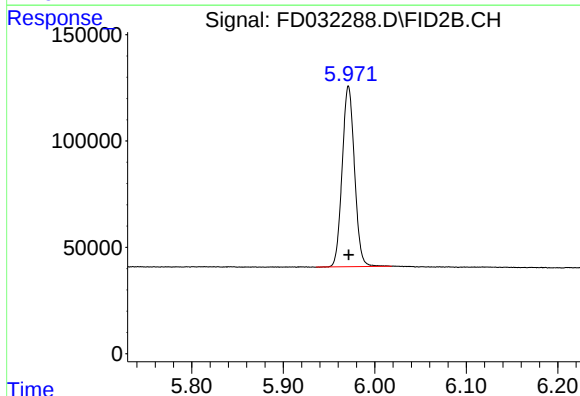
#1 n-Nonane (C9)

R.T.: 3.333 min  
Delta R.T.: 0.000 min  
Response: 723303  
Conc: 5.55 ug/ml



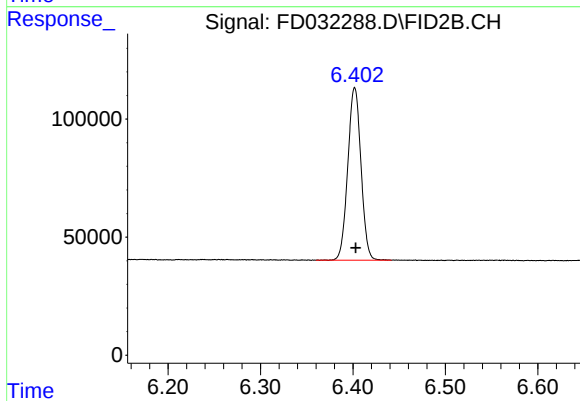
#2 n-Decane (C10)

R.T.: 4.394 min  
Delta R.T.: 0.000 min  
Response: 713342  
Conc: 5.45 ug/ml



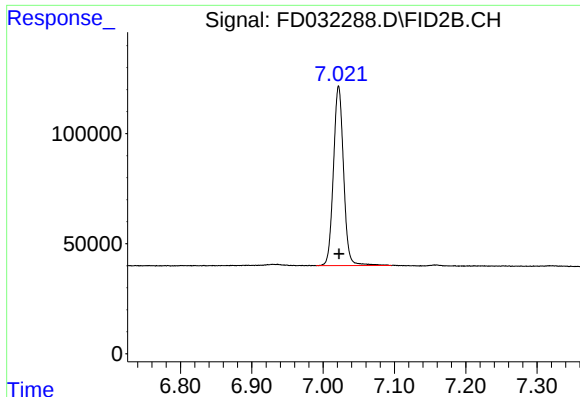
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 795369  
Conc: 5.40 ug/ml



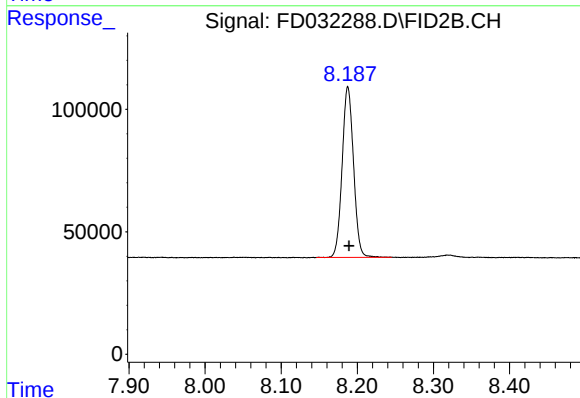
#4 n-Dodecane (C12)

R.T.: 6.402 min  
Delta R.T.: -0.001 min  
Response: 724646  
Conc: 5.50 ug/ml



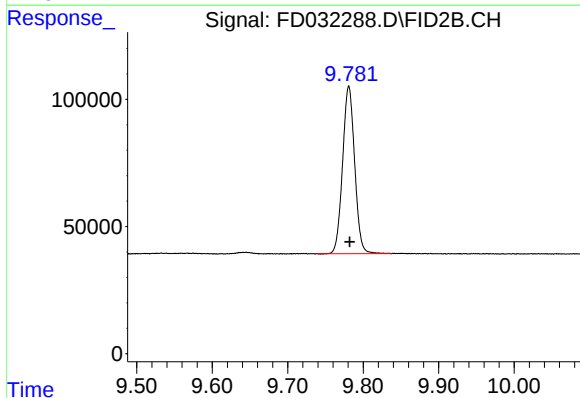
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.022 min  
Delta R.T.: 0.000 min  
Response: 806947  
Conc: 5.41 ug/ml



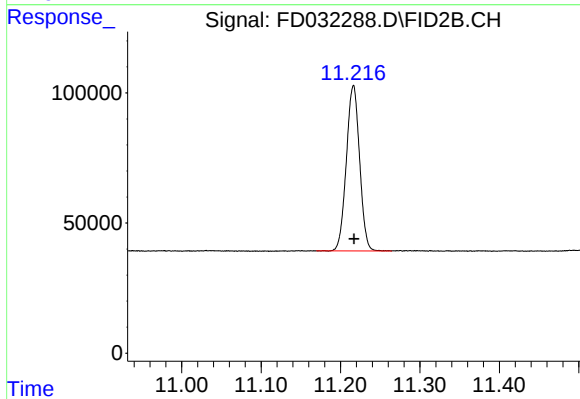
#6 n-Tetradecane (C14)

R.T.: 8.188 min  
Delta R.T.: -0.002 min  
Response: 724360  
Conc: 5.47 ug/ml



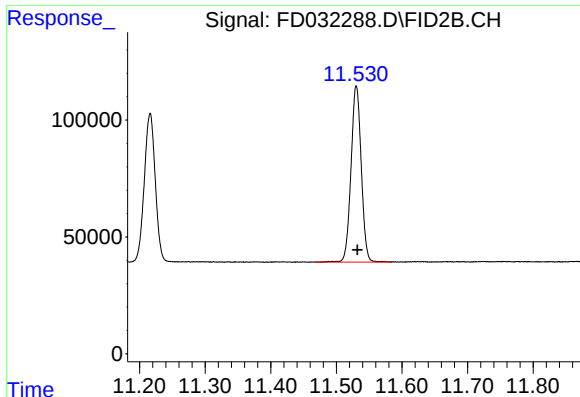
#7 n-Hexadecane (C16)

R.T.: 9.781 min  
Delta R.T.: -0.001 min  
Response: 732454  
Conc: 5.48 ug/ml



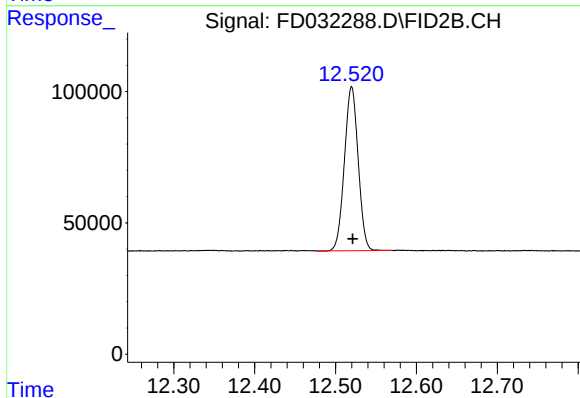
#8 n-Octadecane (C18)

R.T.: 11.216 min  
Delta R.T.: -0.001 min  
Response: 736946  
Conc: 5.47 ug/ml



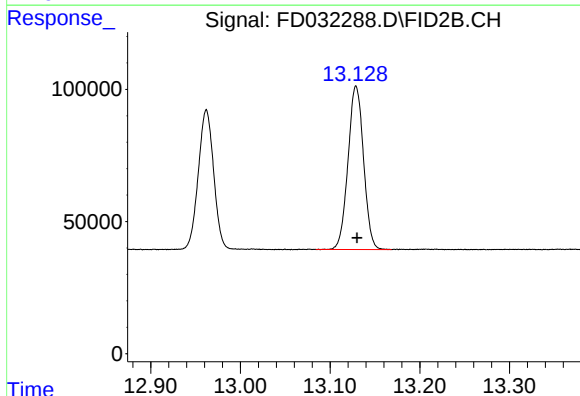
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min  
Delta R.T.: -0.002 min  
Response: 816693  
Conc: 5.53 ug/ml



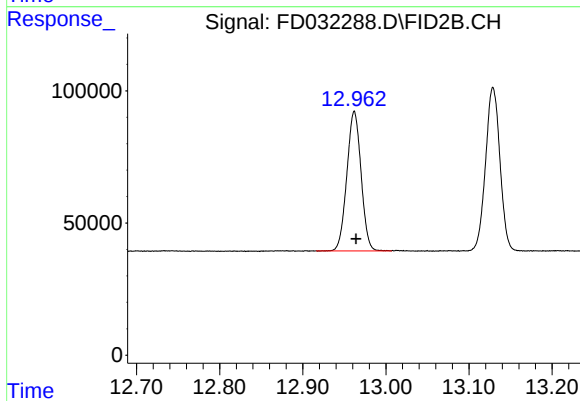
#10 n-Eicosane (C20)

R.T.: 12.520 min  
Delta R.T.: -0.001 min  
Response: 737720  
Conc: 5.48 ug/ml



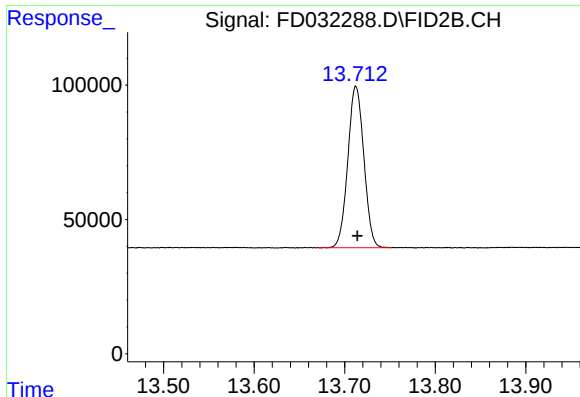
#11 n-Heneicosane (C21)

R.T.: 13.129 min  
Delta R.T.: -0.001 min  
Response: 744551  
Conc: 5.50 ug/ml



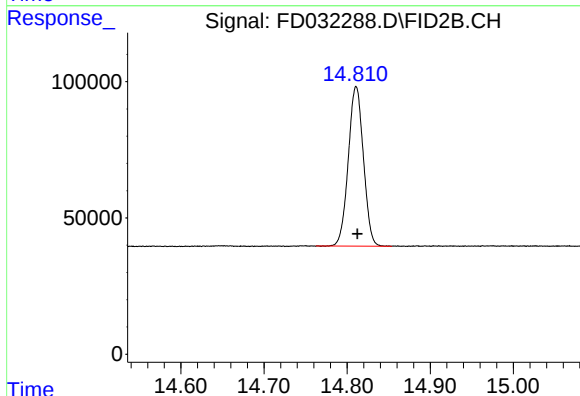
#12 1-chlorooctadecane (SURR)

R.T.: 12.962 min  
Delta R.T.: -0.002 min  
Response: 628213  
Conc: 5.48 ug/ml



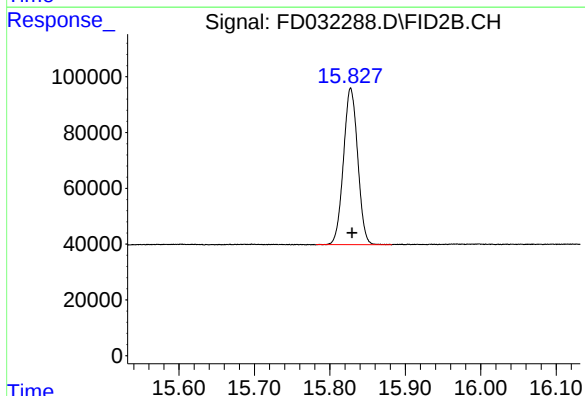
#13 n-Docosane (C22)

R.T.: 13.712 min  
Delta R.T.: -0.002 min  
Response: 739527  
Conc: 5.49 ug/ml



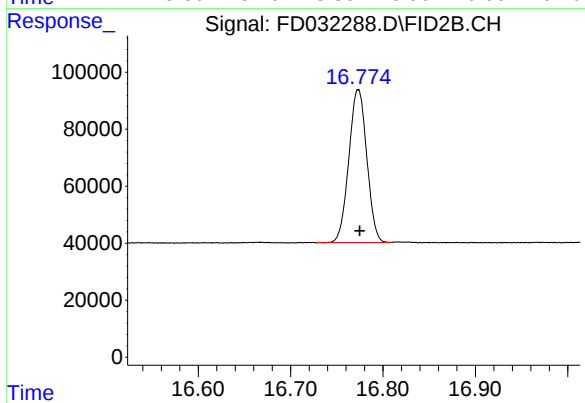
#14 n-Tetracosane (C24)

R.T.: 14.811 min  
Delta R.T.: -0.001 min  
Response: 741054  
Conc: 5.49 ug/ml



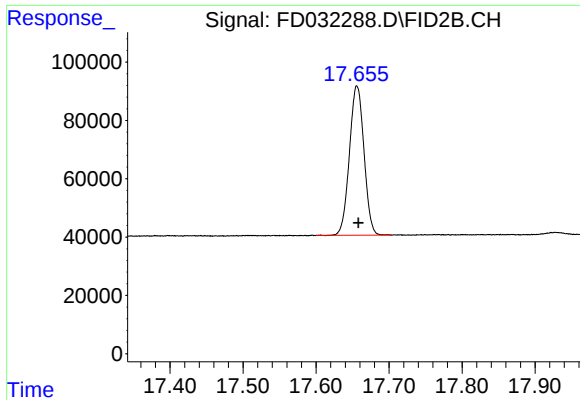
#15 n-Hexacosane (C26)

R.T.: 15.828 min  
Delta R.T.: -0.002 min  
Response: 736448  
Conc: 5.51 ug/ml



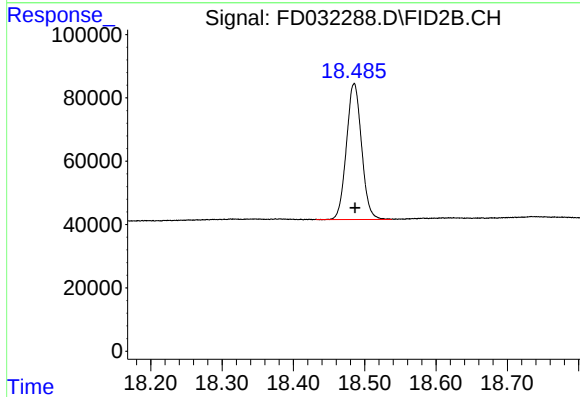
#16 n-Octacosane (C28)

R.T.: 16.773 min  
Delta R.T.: -0.002 min  
Response: 724451  
Conc: 5.50 ug/ml



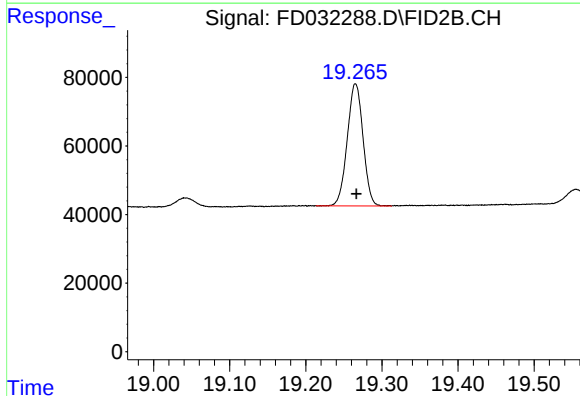
#17 n-Tricontane (C30)

R.T.: 17.656 min  
Delta R.T.: -0.002 min  
Response: 708515  
Conc: 5.60 ug/ml



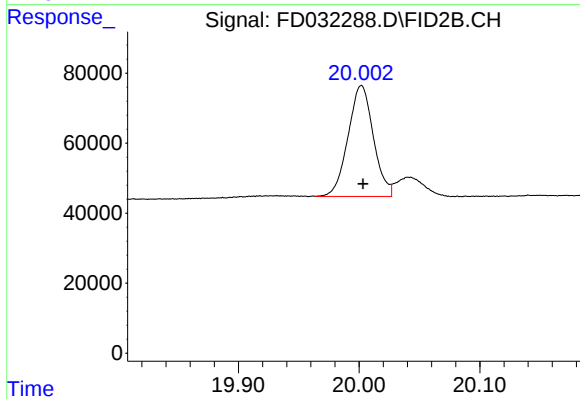
#18 n-Dotriacontane (C32)

R.T.: 18.485 min  
Delta R.T.: -0.001 min  
Response: 632782  
Conc: 5.61 ug/ml



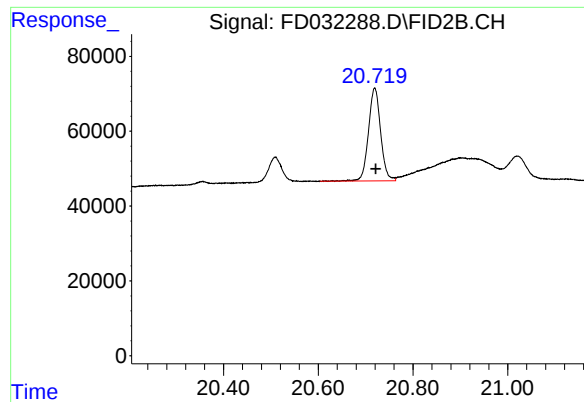
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min  
Delta R.T.: 0.000 min  
Response: 512861  
Conc: 5.67 ug/ml



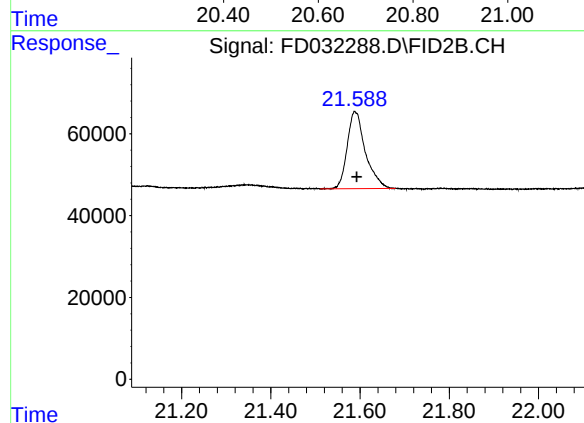
#20 n-Hexatriacontane (C36)

R.T.: 20.002 min  
Delta R.T.: -0.002 min  
Response: 462174  
Conc: 5.32 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.719 min  
Delta R.T.: -0.002 min  
Response: 442566  
Conc: 5.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.588 min  
Delta R.T.: -0.004 min  
Response: 535043  
Conc: 5.00 ug/ml