

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD092519AL\  
 Data File : FD030796.D  
 Signal(s) : FID2B.CH  
 Acq On : 25 Sep 2019 20:58  
 Operator : DD\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 26 03:11:19 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 26 03:09:31 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)    | 11.468 | 678484     | 4.610 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 9.22%       |
| 12) S 1-chlorooctadecane (S... | 12.897 | 526169     | 4.597 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 9.19%       |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.292  | 564285     | 4.593 ug/ml |
| 2) T n-Decane (C10)            | 4.348  | 558567     | 4.537 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.921  | 609200     | 4.446 ug/ml |
| 4) T n-Dodecane (C12)          | 6.351  | 568358     | 4.560 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.970  | 608884     | 4.381 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.135  | 576311     | 4.565 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.725  | 585353     | 4.569 ug/ml |
| 8) T n-Octadecane (C18)        | 11.156 | 601206     | 4.592 ug/ml |
| 10) T n-Eicosane (C20)         | 12.456 | 613820     | 4.626 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.063 | 624423     | 4.633 ug/ml |
| 13) T n-Docosane (C22)         | 13.645 | 628466     | 4.651 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.739 | 638747     | 4.651 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.752 | 647876     | 4.715 ug/ml |
| 16) T n-Octacosane (C28)       | 16.694 | 656271     | 4.792 ug/ml |
| 17) T n-Tricontane (C30)       | 17.574 | 671575     | 4.900 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.399 | 666264     | 5.027 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.177 | 653383     | 5.075 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.909 | 548427     | 4.481 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.615 | 552782     | 4.870 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.454 | 585245     | 5.319 ug/ml |
| -----                          |        |            |             |

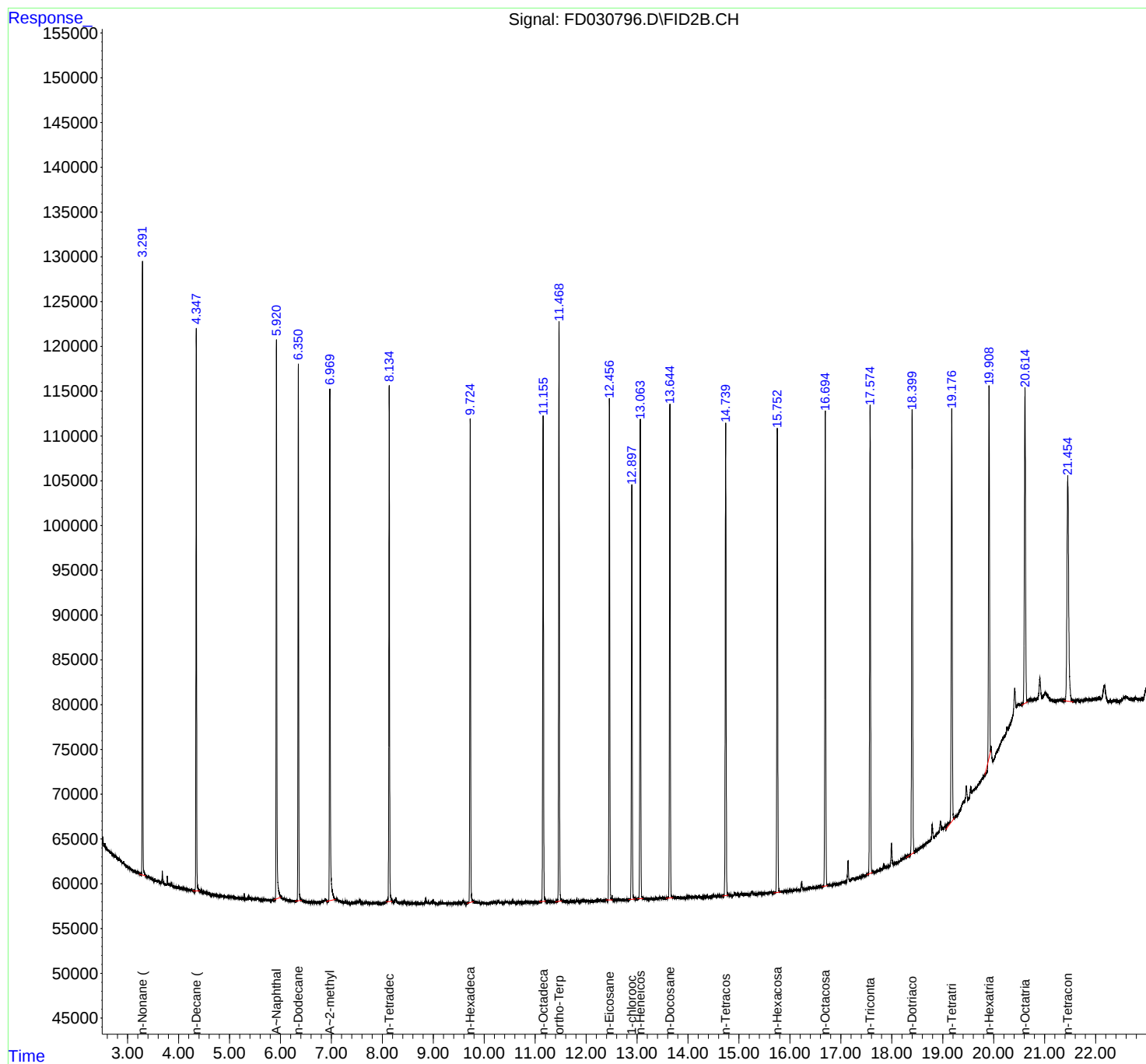
(f)=RT Delta > 1/2 Window

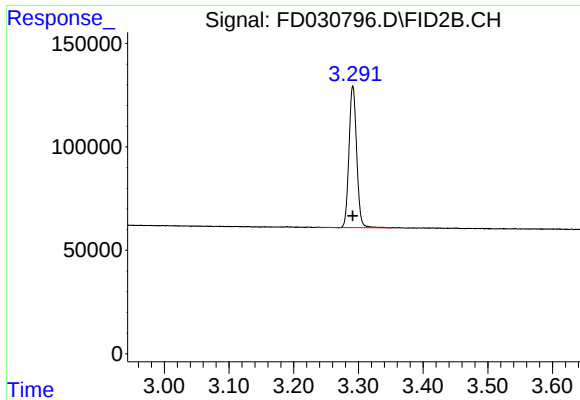
(m)=manual int.

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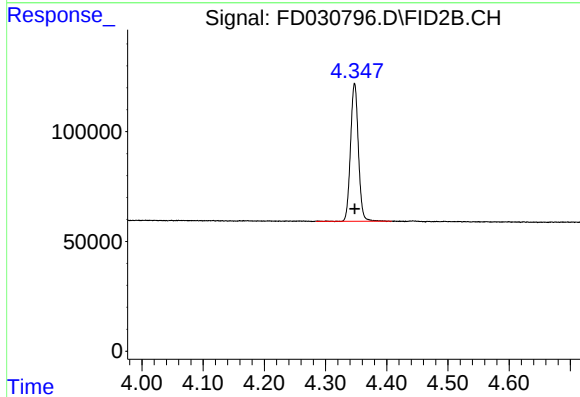
Volume Inj. : 1 u1  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





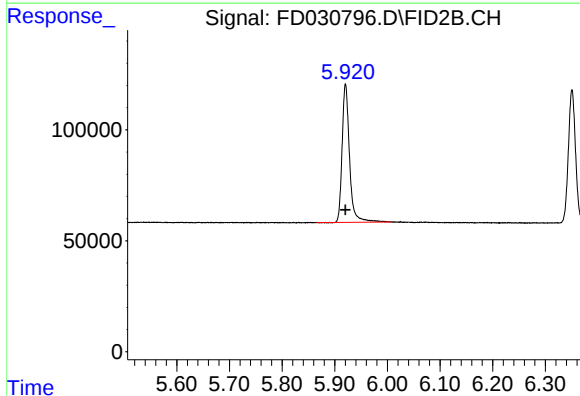
#1 n-Nonane (C9)

R.T.: 3.292 min  
Delta R.T.: 0.000 min  
Response: 564285  
Conc: 4.59 ug/ml



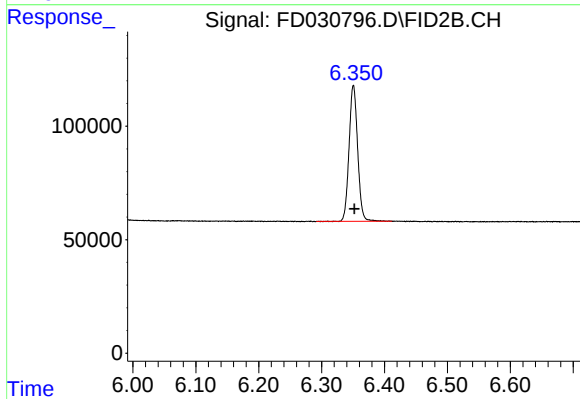
#2 n-Decane (C10)

R.T.: 4.348 min  
Delta R.T.: 0.000 min  
Response: 558567  
Conc: 4.54 ug/ml



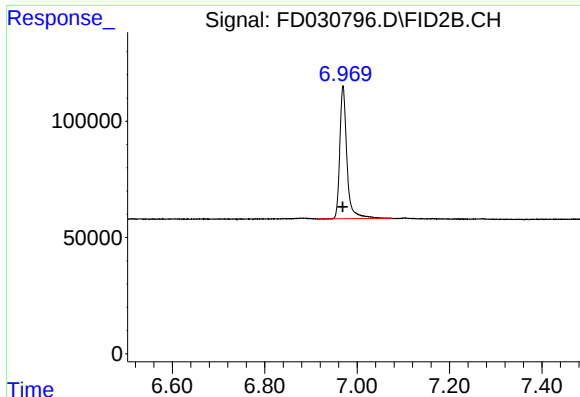
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min  
Delta R.T.: 0.000 min  
Response: 609200  
Conc: 4.45 ug/ml



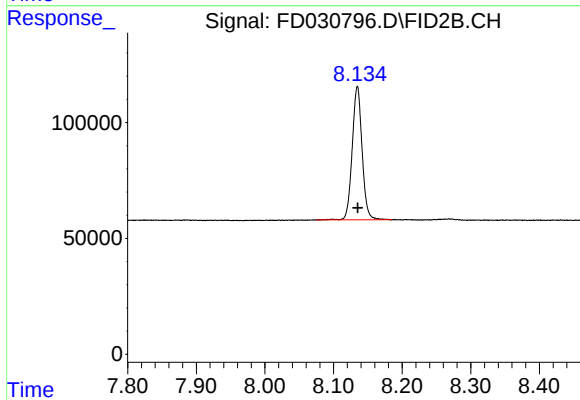
#4 n-Dodecane (C12)

R.T.: 6.351 min  
Delta R.T.: -0.001 min  
Response: 568358  
Conc: 4.56 ug/ml



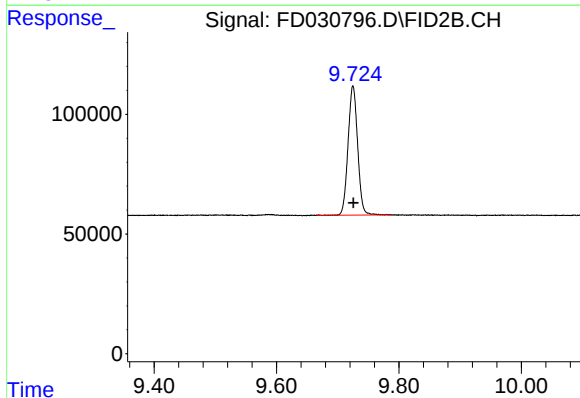
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.970 min  
Delta R.T.: 0.000 min  
Response: 608884  
Conc: 4.38 ug/ml



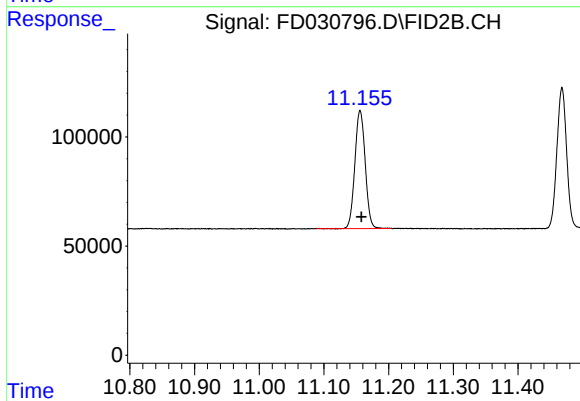
#6 n-Tetradecane (C14)

R.T.: 8.135 min  
Delta R.T.: 0.000 min  
Response: 576311  
Conc: 4.56 ug/ml



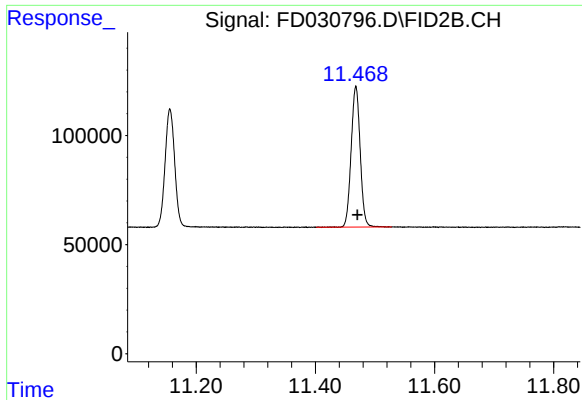
#7 n-Hexadecane (C16)

R.T.: 9.725 min  
Delta R.T.: 0.000 min  
Response: 585353  
Conc: 4.57 ug/ml



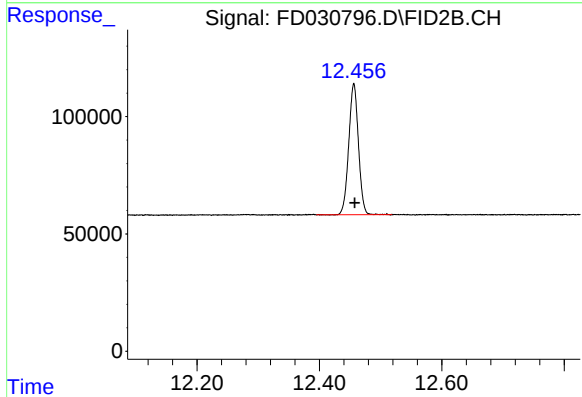
#8 n-Octadecane (C18)

R.T.: 11.156 min  
Delta R.T.: -0.002 min  
Response: 601206  
Conc: 4.59 ug/ml



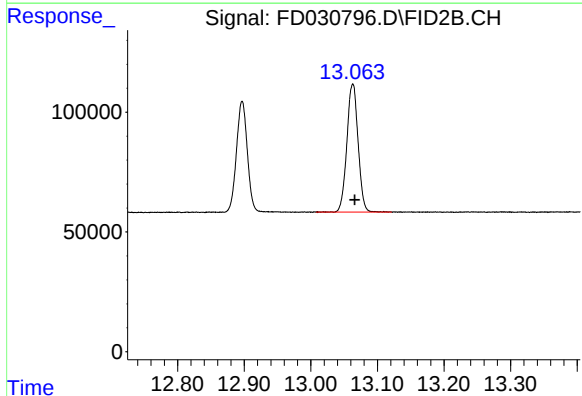
#9 ortho-Terphenyl (SURR)

R.T.: 11.468 min  
Delta R.T.: -0.002 min  
Response: 678484  
Conc: 4.61 ug/ml



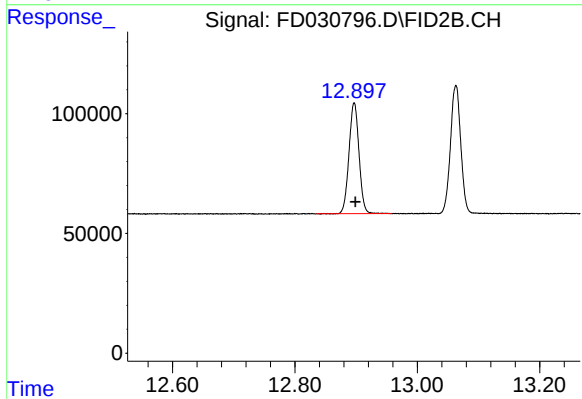
#10 n-Eicosane (C20)

R.T.: 12.456 min  
Delta R.T.: -0.002 min  
Response: 613820  
Conc: 4.63 ug/ml



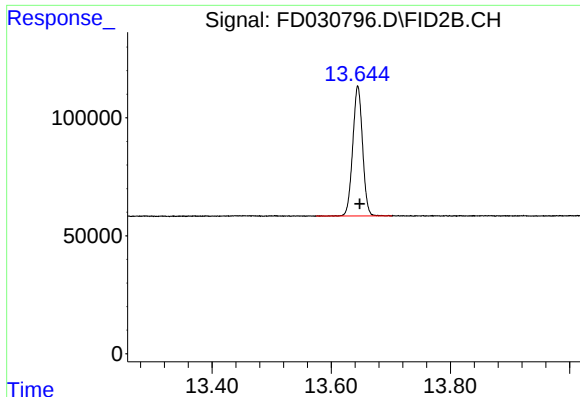
#11 n-Heneicosane (C21)

R.T.: 13.063 min  
Delta R.T.: -0.003 min  
Response: 624423  
Conc: 4.63 ug/ml



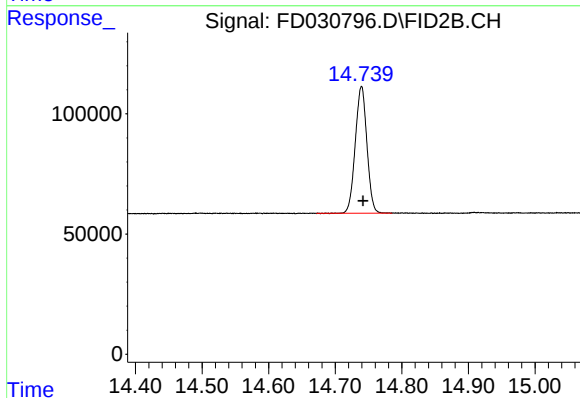
#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min  
Delta R.T.: -0.002 min  
Response: 526169  
Conc: 4.60 ug/ml



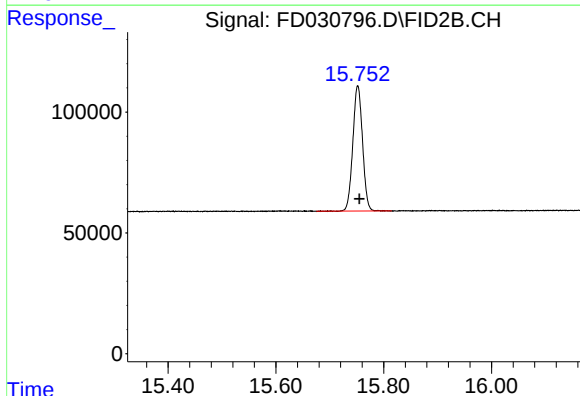
#13 n-Docosane (C22)

R.T.: 13.645 min  
Delta R.T.: -0.003 min  
Response: 628466  
Conc: 4.65 ug/ml



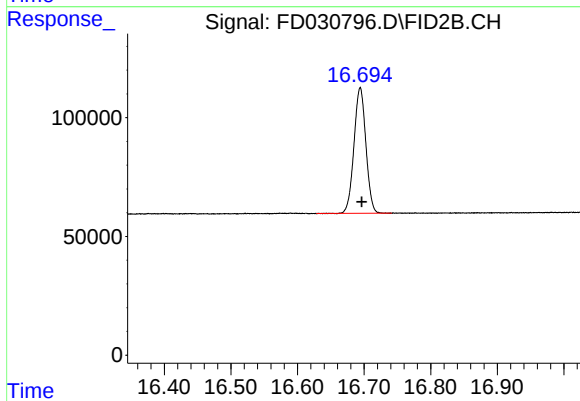
#14 n-Tetracosane (C24)

R.T.: 14.739 min  
Delta R.T.: -0.002 min  
Response: 638747  
Conc: 4.65 ug/ml



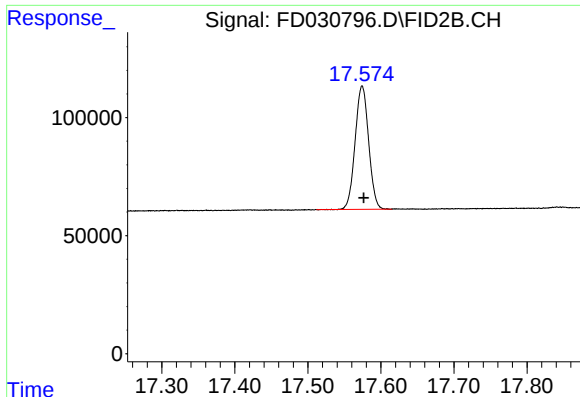
#15 n-Hexacosane (C26)

R.T.: 15.752 min  
Delta R.T.: -0.003 min  
Response: 647876  
Conc: 4.72 ug/ml



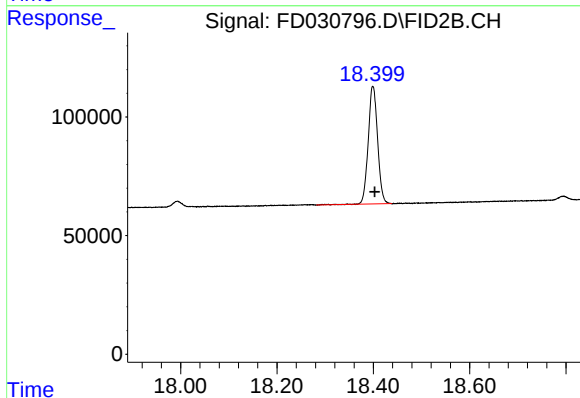
#16 n-Octacosane (C28)

R.T.: 16.694 min  
Delta R.T.: -0.002 min  
Response: 656271  
Conc: 4.79 ug/ml



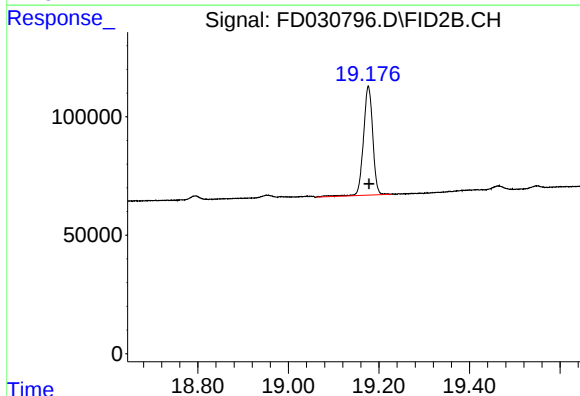
#17 n-Tricontane (C30)

R.T.: 17.574 min  
Delta R.T.: -0.002 min  
Response: 671575  
Conc: 4.90 ug/ml



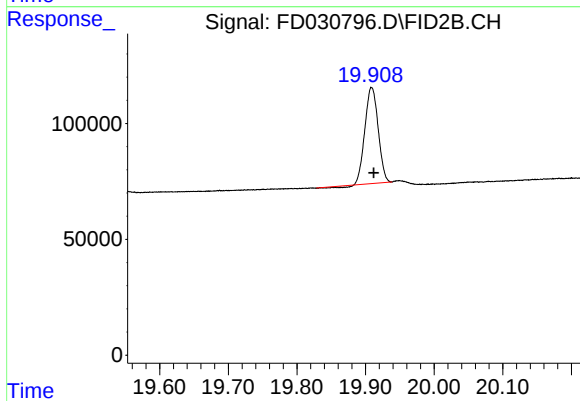
#18 n-Dotriacontane (C32)

R.T.: 18.399 min  
Delta R.T.: -0.003 min  
Response: 666264  
Conc: 5.03 ug/ml



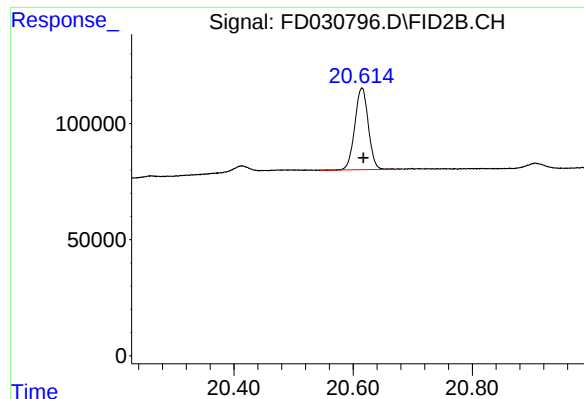
#19 n-Tetratriacontane (C34)

R.T.: 19.177 min  
Delta R.T.: -0.002 min  
Response: 653383  
Conc: 5.08 ug/ml



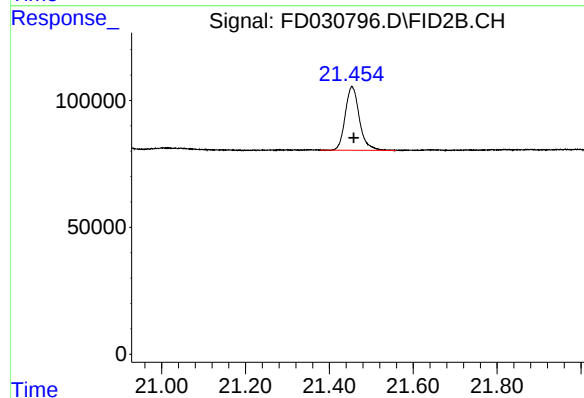
#20 n-Hexatriacontane (C36)

R.T.: 19.909 min  
Delta R.T.: -0.003 min  
Response: 548427  
Conc: 4.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.615 min  
Delta R.T.: -0.003 min  
Response: 552782  
Conc: 4.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.454 min  
Delta R.T.: -0.004 min  
Response: 585245  
Conc: 5.32 ug/ml