

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091718AL\  
 Data File : FC036353.D  
 Signal(s) : FID1A.CH  
 Acq On : 18 Sep 2018 9:13  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 18 09:42:46 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 082118.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 21 16:09:01 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)    | 11.406 | 2472813    | 22.177 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.35%       |
| 12) S 1-chlorooctadecane (S... | 12.847 | 1706662    | 20.912 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.82%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.209  | 1801824    | 20.060 ug/ml |
| 2) T n-Decane (C10)            | 4.275  | 1837243    | 20.412 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.848  | 2328768    | 23.139 ug/ml |
| 4) T n-Dodecane (C12)          | 6.288  | 1908556    | 20.580 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.899  | 2336932    | 23.209 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.074  | 1958088    | 20.628 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.667  | 1971355    | 20.710 ug/ml |
| 8) T n-Octadecane (C18)        | 11.102 | 1966932    | 20.023 ug/ml |
| 10) T n-Eicosane (C20)         | 12.407 | 1954286    | 20.223 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.015 | 1923309    | 20.433 ug/ml |
| 13) T n-Docosane (C22)         | 13.600 | 1912291    | 20.534 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.699 | 1866137    | 20.407 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.716 | 1814356    | 20.227 ug/ml |
| 16) T n-Octacosane (C28)       | 16.663 | 1762726    | 19.371 ug/ml |
| 17) T n-Tricontane (C30)       | 17.548 | 1701914    | 17.687 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.377 | 1682546    | 17.819 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.157 | 1634442    | 18.457 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.896 | 1572854    | 18.566 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.606 | 1564969    | 18.767 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.454 | 1261406    | 15.022 ug/ml |
| -----                          |        |            |              |

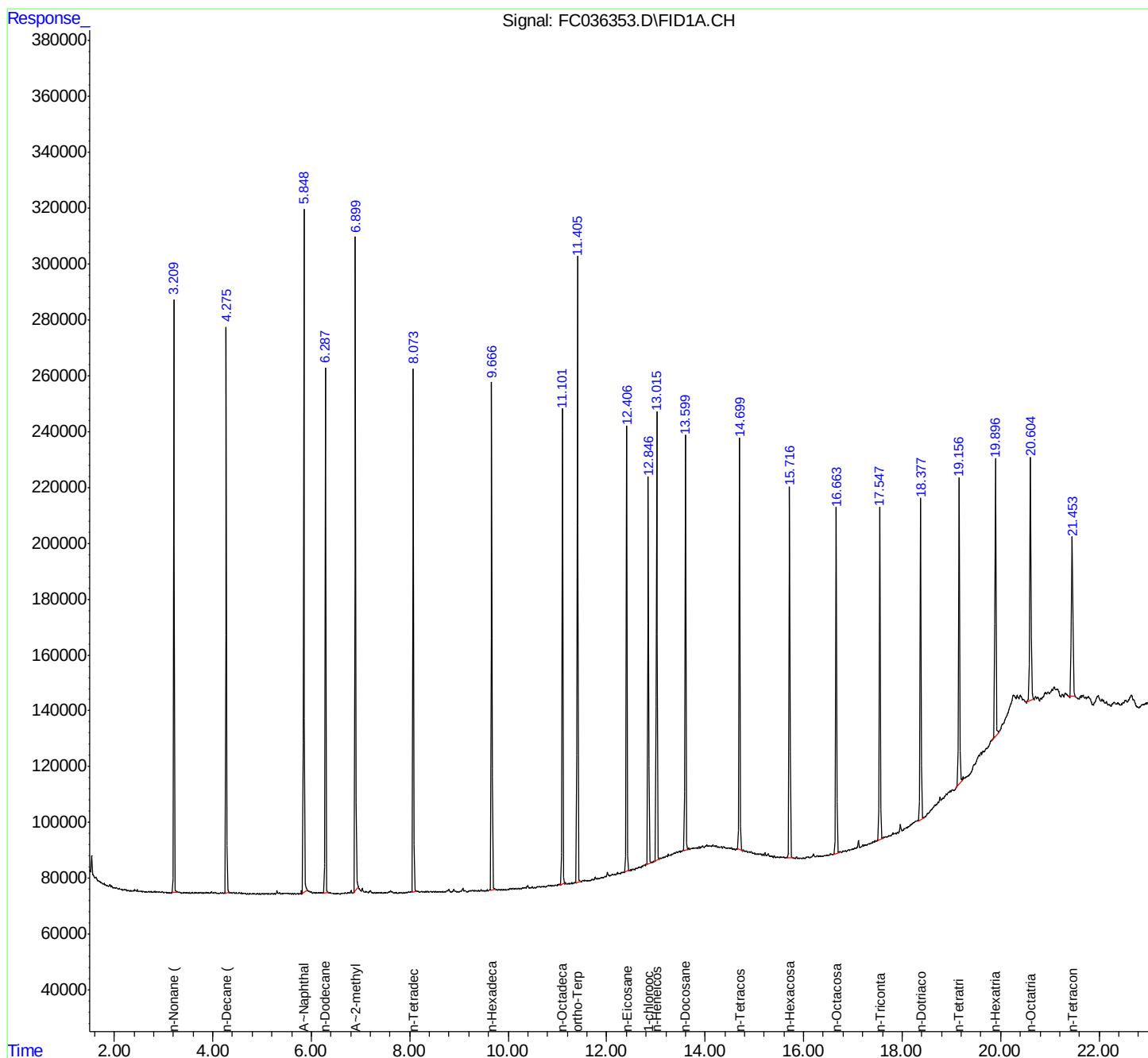
(f)=RT Delta > 1/2 Window

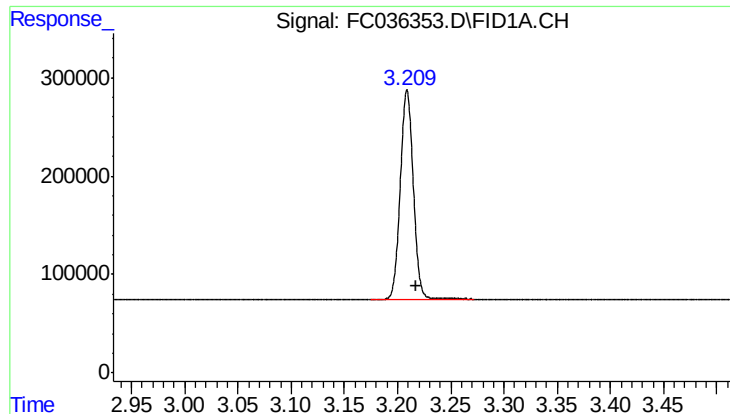
(m)=manual int.

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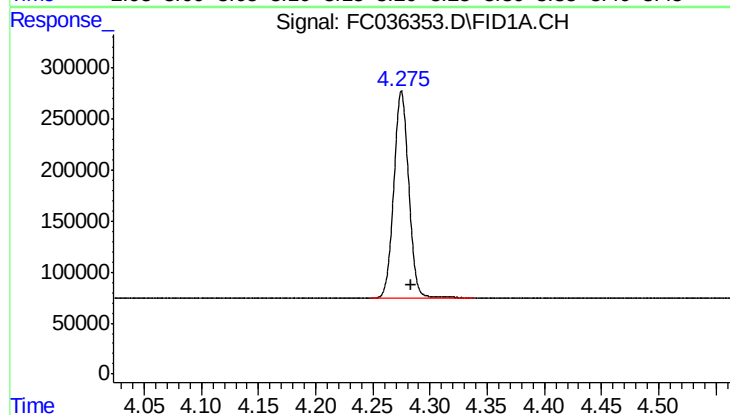
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





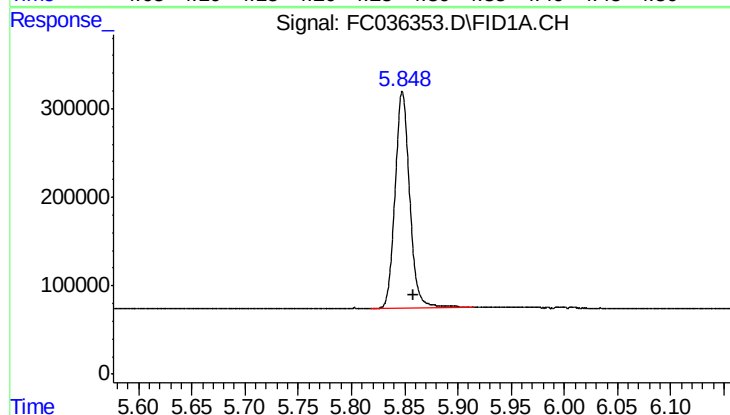
#1 n-Nonane (C9)

R.T.: 3.209 min  
Delta R.T.: -0.008 min  
Response: 1801824  
Conc: 20.06 ug/ml



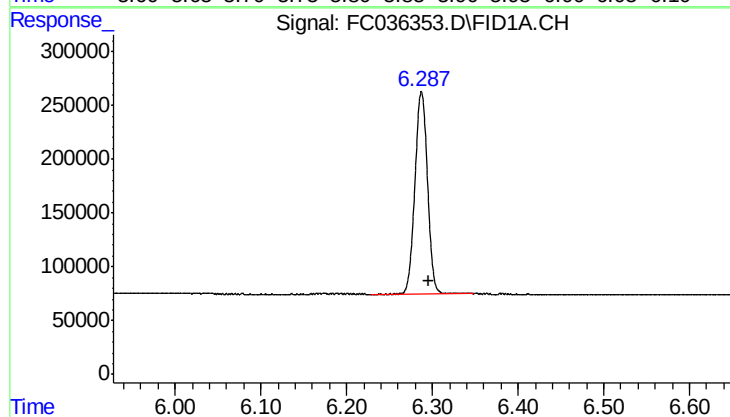
#2 n-Decane (C10)

R.T.: 4.275 min  
Delta R.T.: -0.009 min  
Response: 1837243  
Conc: 20.41 ug/ml



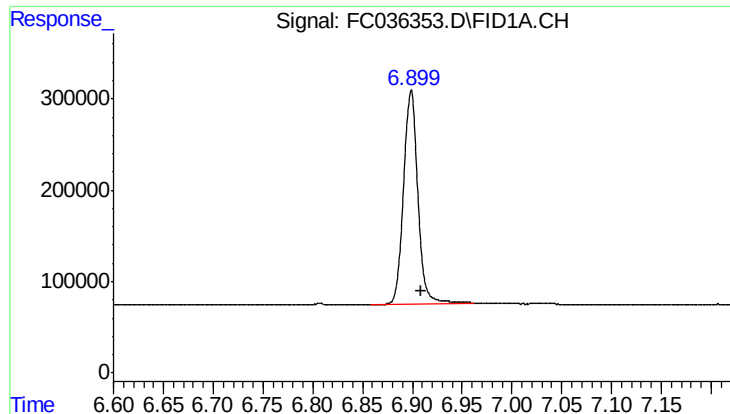
#3 A-Naphthalene (C11.7)

R.T.: 5.848 min  
Delta R.T.: -0.010 min  
Response: 2328768  
Conc: 23.14 ug/ml



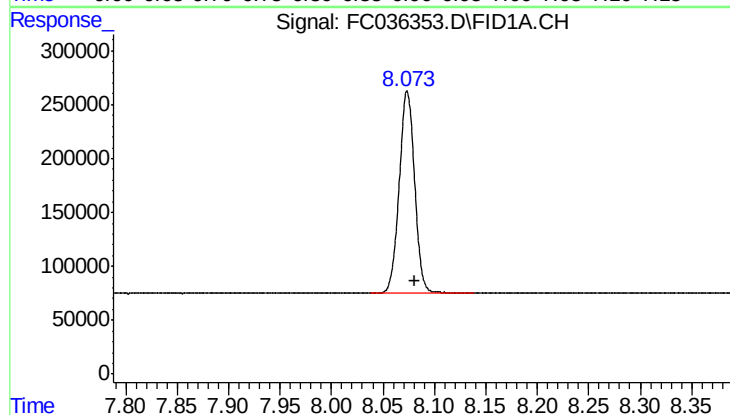
#4 n-Dodecane (C12)

R.T.: 6.288 min  
Delta R.T.: -0.008 min  
Response: 1908556  
Conc: 20.58 ug/ml



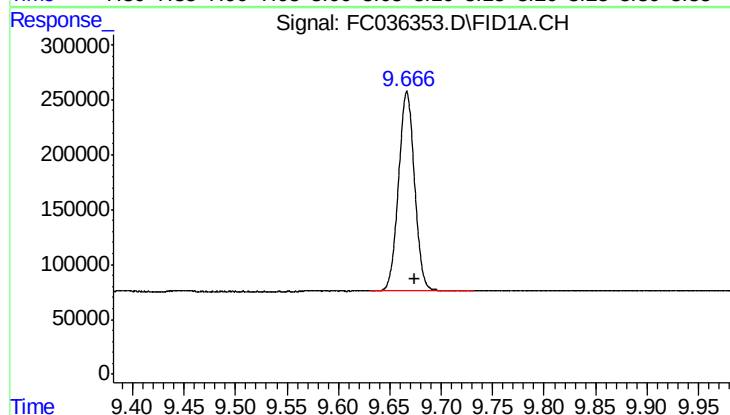
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.899 min  
Delta R.T.: -0.010 min  
Response: 2336932  
Conc: 23.21 ug/ml



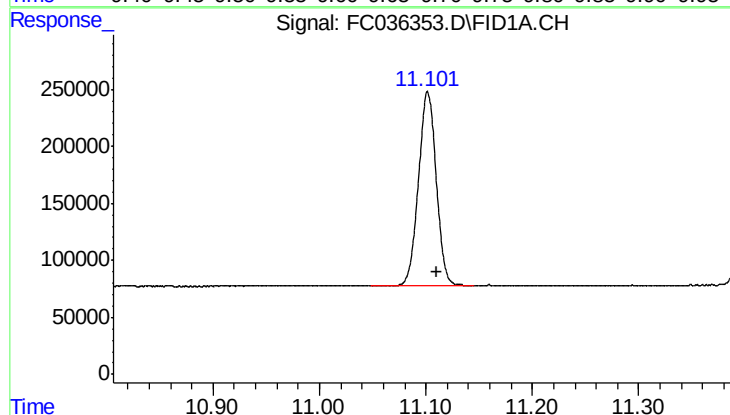
#6 n-Tetradecane (C14)

R.T.: 8.074 min  
Delta R.T.: -0.008 min  
Response: 1958088  
Conc: 20.63 ug/ml



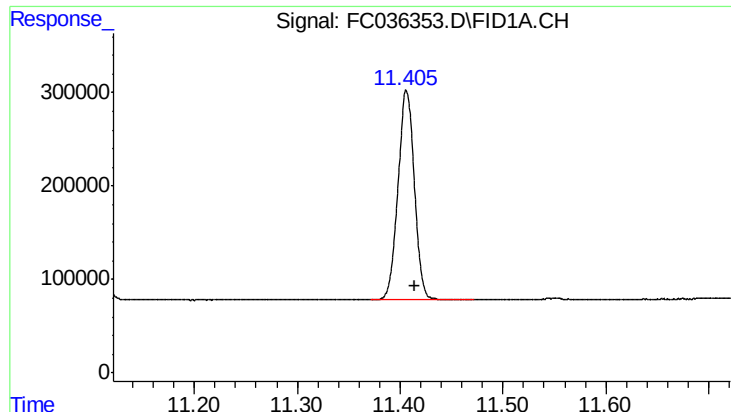
#7 n-Hexadecane (C16)

R.T.: 9.667 min  
Delta R.T.: -0.008 min  
Response: 1971355  
Conc: 20.71 ug/ml



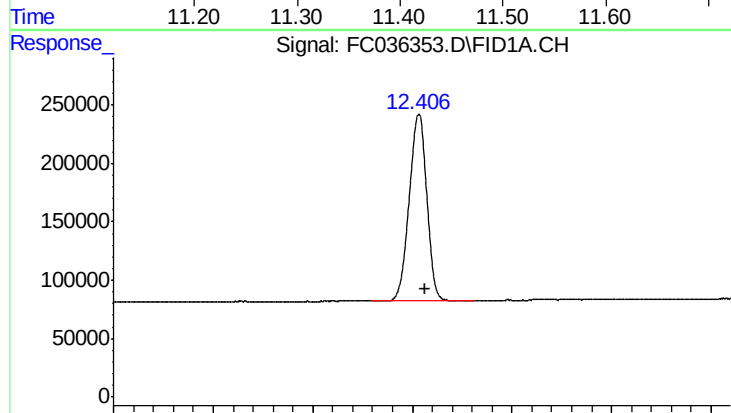
#8 n-Octadecane (C18)

R.T.: 11.102 min  
Delta R.T.: -0.008 min  
Response: 1966932  
Conc: 20.02 ug/ml



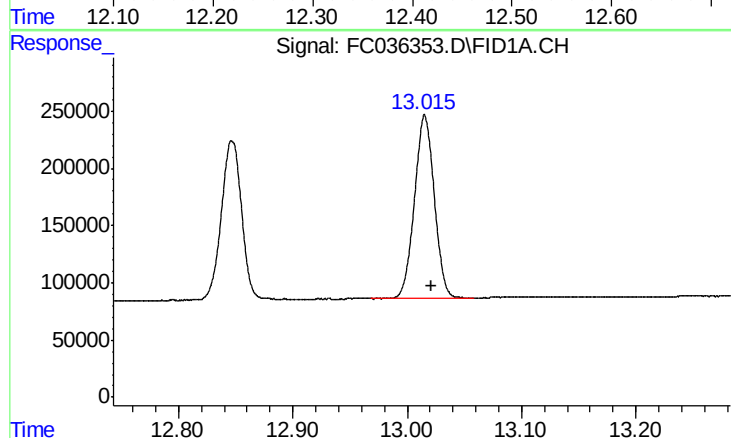
#9 ortho-Terphenyl (SURR)

R.T.: 11.406 min  
Delta R.T.: -0.008 min  
Response: 2472813  
Conc: 22.18 ug/ml



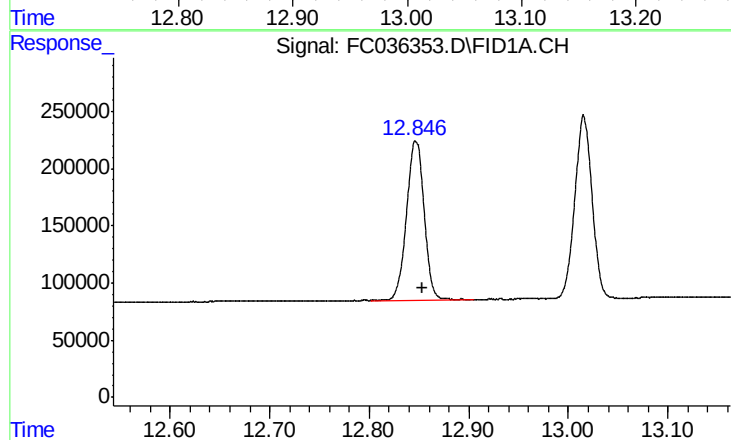
#10 n-Eicosane (C20)

R.T.: 12.407 min  
Delta R.T.: -0.006 min  
Response: 1954286  
Conc: 20.22 ug/ml



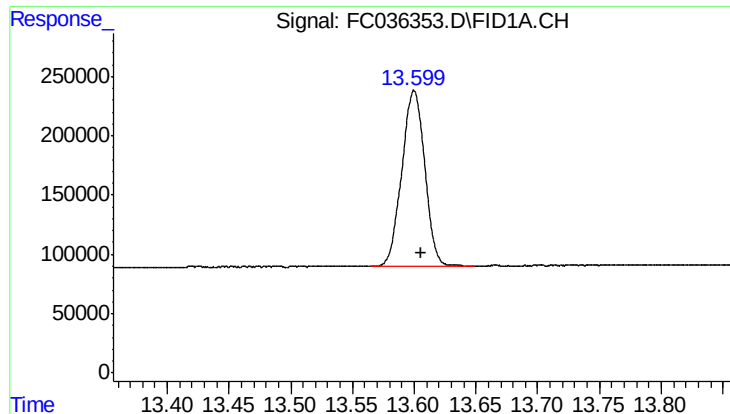
#11 n-Heneicosane (C21)

R.T.: 13.015 min  
Delta R.T.: -0.006 min  
Response: 1923309  
Conc: 20.43 ug/ml



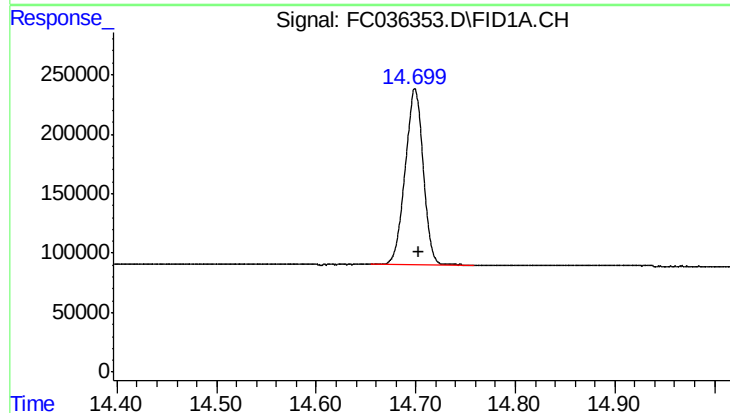
#12 1-chlorooctadecane (SURR)

R.T.: 12.847 min  
Delta R.T.: -0.007 min  
Response: 1706662  
Conc: 20.91 ug/ml



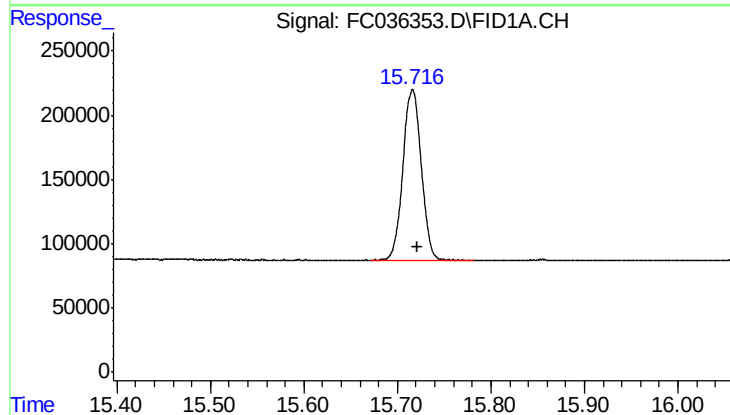
#13 n-Docosane (C22)

R.T.: 13.600 min  
Delta R.T.: -0.006 min  
Response: 1912291  
Conc: 20.53 ug/ml



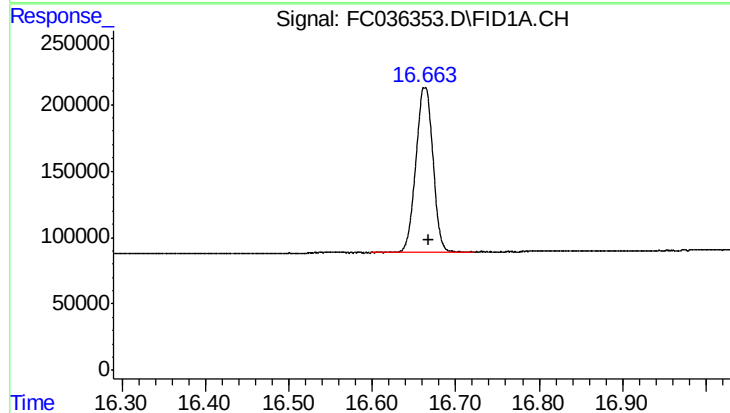
#14 n-Tetracosane (C24)

R.T.: 14.699 min  
Delta R.T.: -0.004 min  
Response: 1866137  
Conc: 20.41 ug/ml



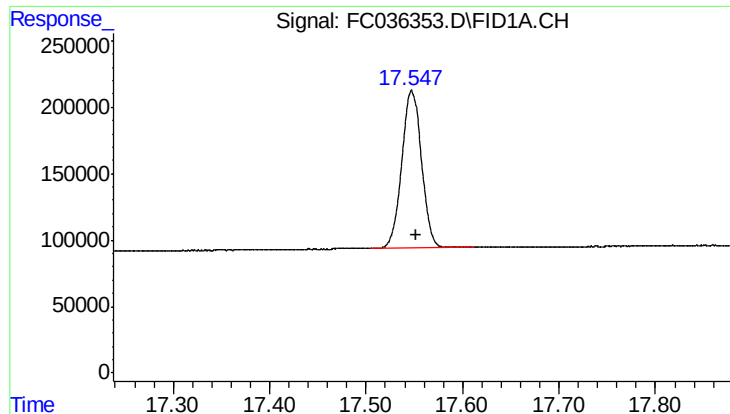
#15 n-Hexacosane (C26)

R.T.: 15.716 min  
Delta R.T.: -0.005 min  
Response: 1814356  
Conc: 20.23 ug/ml



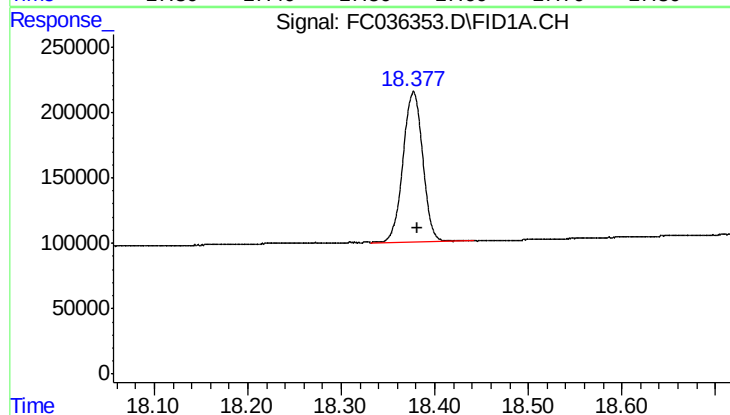
#16 n-Octacosane (C28)

R.T.: 16.663 min  
Delta R.T.: -0.004 min  
Response: 1762726  
Conc: 19.37 ug/ml



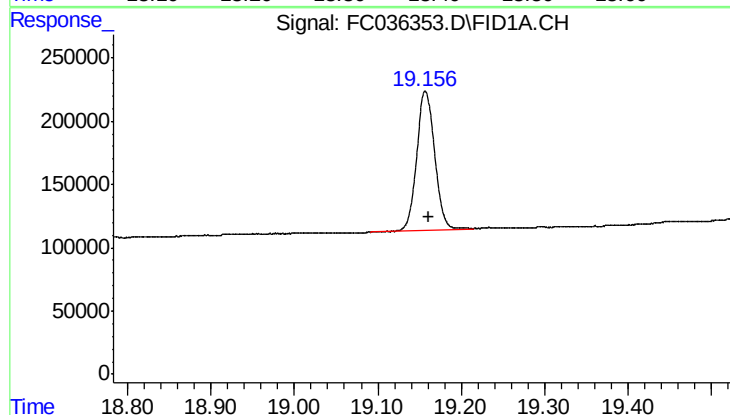
#17 n-Tricontane (C30)

R.T.: 17.548 min  
Delta R.T.: -0.004 min  
Response: 1701914  
Conc: 17.69 ug/ml



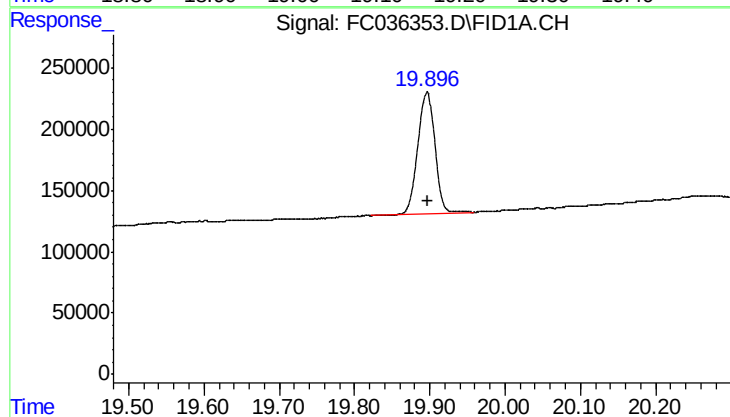
#18 n-Dotriacontane (C32)

R.T.: 18.377 min  
Delta R.T.: -0.004 min  
Response: 1682546  
Conc: 17.82 ug/ml



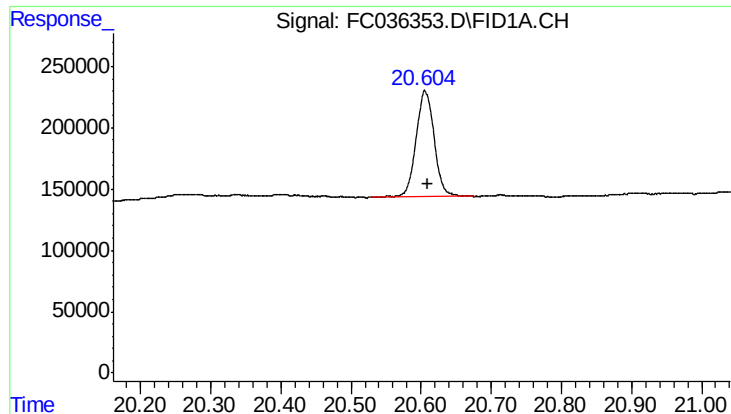
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min  
Delta R.T.: -0.005 min  
Response: 1634442  
Conc: 18.46 ug/ml



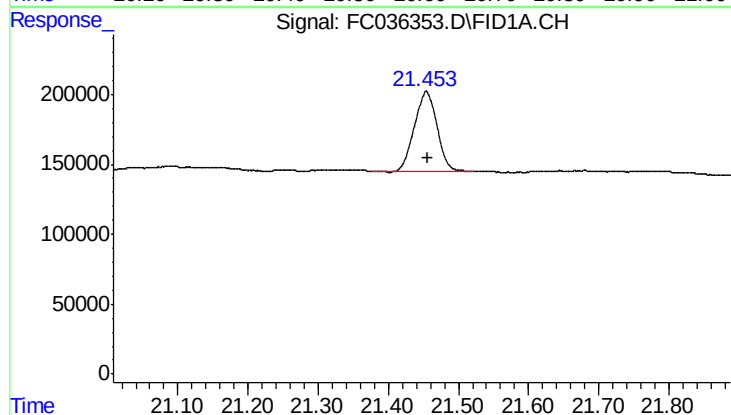
#20 n-Hexatriacontane (C36)

R.T.: 19.896 min  
Delta R.T.: -0.001 min  
Response: 1572854  
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.606 min  
Delta R.T.: -0.004 min  
Response: 1564969  
Conc: 18.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.454 min  
Delta R.T.: -0.003 min  
Response: 1261406  
Conc: 15.02 ug/ml