

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102820AL\  
 Data File : FC050381.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Oct 2020 11:28  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 29 02:32:51 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 100620.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 07 04:53:04 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)    | 11.627 | 2012928    | 17.958 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.92%       |
| 12) S 1-chlorooctadecane (S... | 13.060 | 1549748    | 17.890 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.78%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.372  | 1982147    | 20.002 ug/ml |
| 2) T n-Decane (C10)            | 4.443  | 1989328    | 19.981 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.037  | 2137444    | 19.393 ug/ml |
| 4) T n-Dodecane (C12)          | 6.465  | 1998135    | 19.803 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.096  | 2131006    | 19.146 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.261  | 1954631    | 19.511 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.863  | 1883528    | 19.111 ug/ml |
| 8) T n-Octadecane (C18)        | 11.305 | 1928836    | 18.677 ug/ml |
| 10) T n-Eicosane (C20)         | 12.614 | 1894148    | 18.203 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.227 | 1866351    | 17.960 ug/ml |
| 13) T n-Docosane (C22)         | 13.811 | 1842397    | 17.749 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.914 | 1801333    | 17.342 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.935 | 1769891    | 17.176 ug/ml |
| 16) T n-Octacosane (C28)       | 16.883 | 1763857    | 17.043 ug/ml |
| 17) T n-Tricontane (C30)       | 17.770 | 1743208    | 17.082 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.603 | 1657376    | 17.252 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.384 | 1600169    | 17.445 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.123 | 1471027    | 16.608 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.867 | 1521973    | 18.458 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.799 | 1554083    | 18.585 ug/ml |
| -----                          |        |            |              |

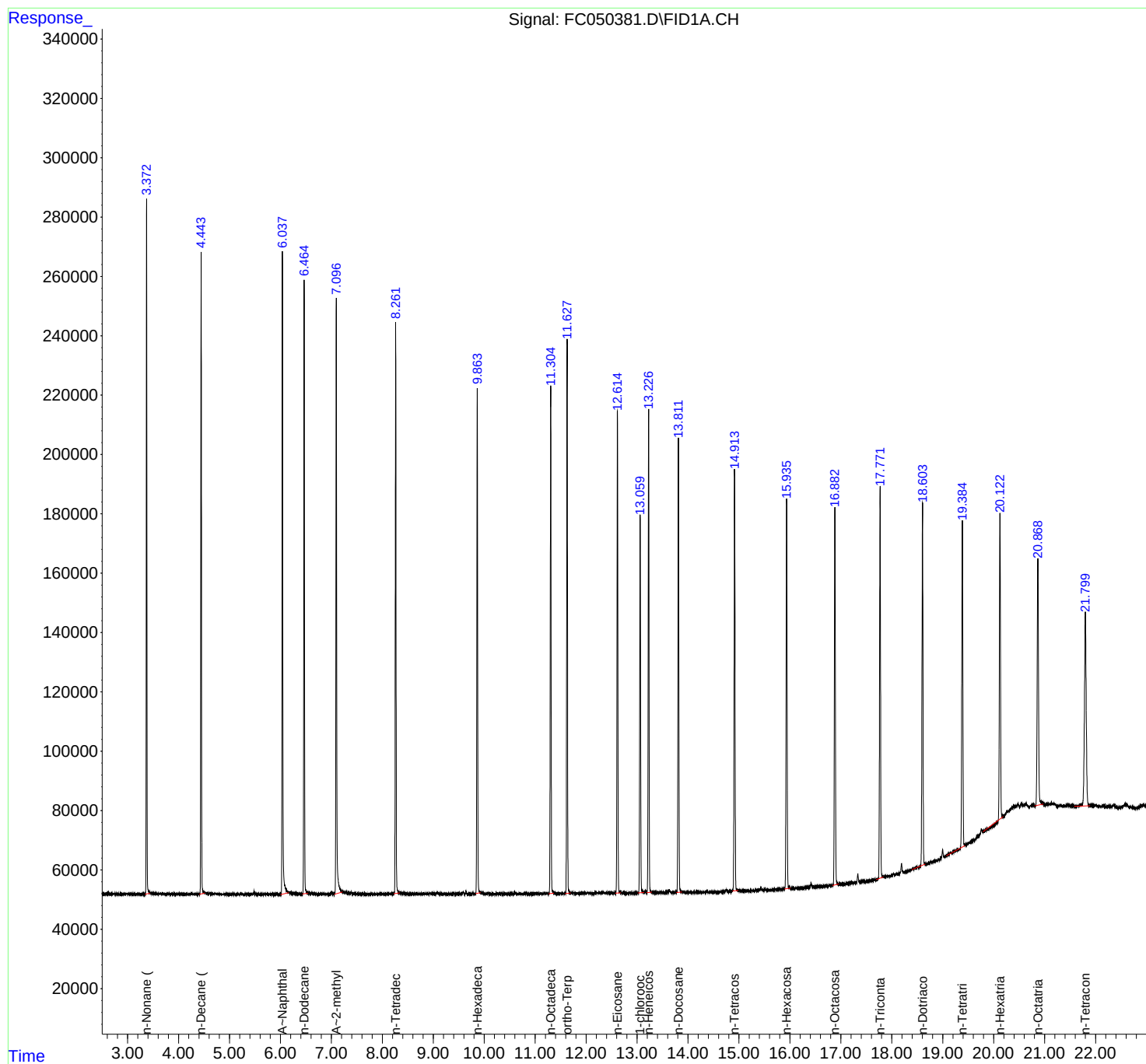
(f)=RT Delta > 1/2 Window

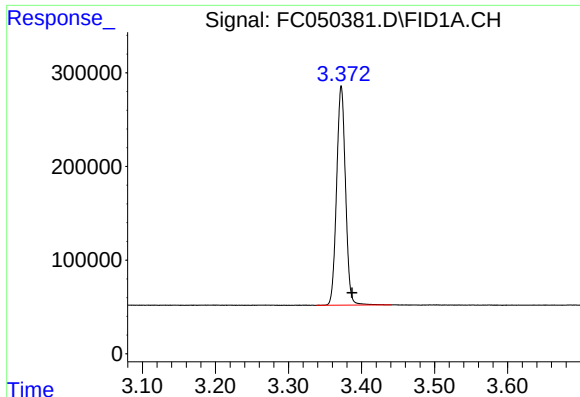
(m)=manual int.

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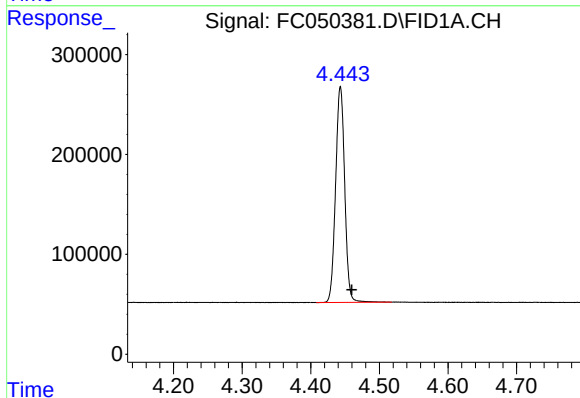
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





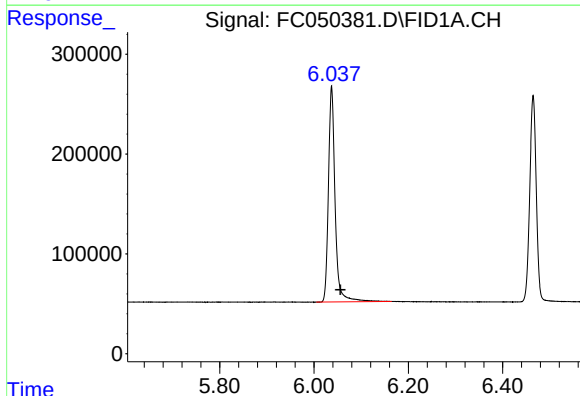
#1 n-Nonane (C9)

R.T.: 3.372 min  
Delta R.T.: -0.015 min  
Response: 1982147  
Conc: 20.00 ug/ml



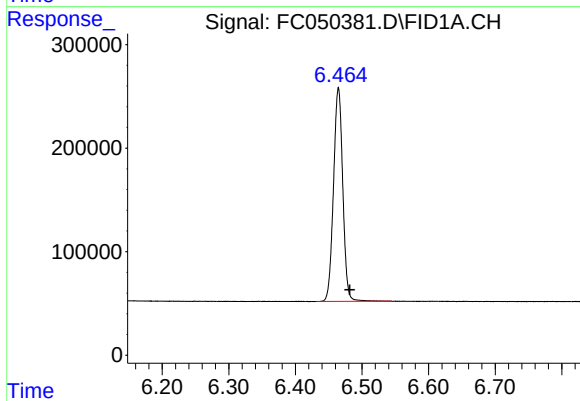
#2 n-Decane (C10)

R.T.: 4.443 min  
Delta R.T.: -0.016 min  
Response: 1989328  
Conc: 19.98 ug/ml



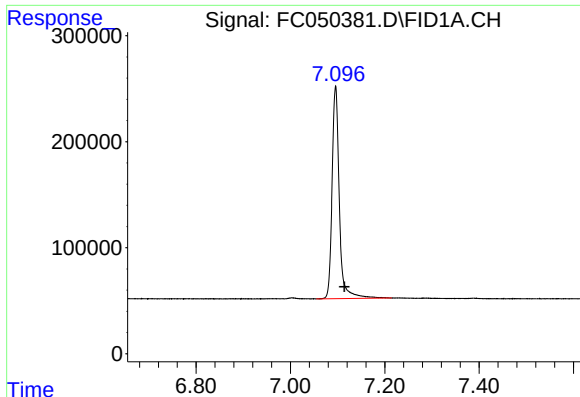
#3 A~Naphthalene (C11.7)

R.T.: 6.037 min  
Delta R.T.: -0.019 min  
Response: 2137444  
Conc: 19.39 ug/ml



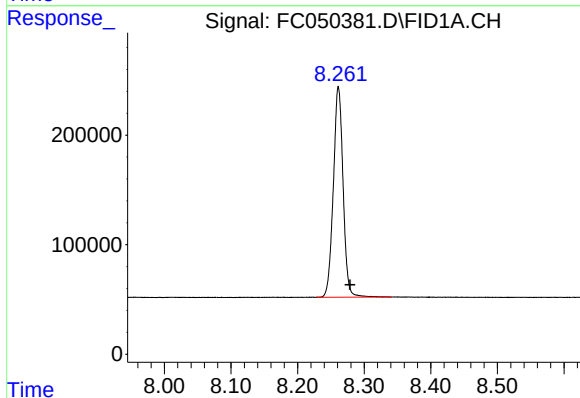
#4 n-Dodecane (C12)

R.T.: 6.465 min  
Delta R.T.: -0.017 min  
Response: 1998135  
Conc: 19.80 ug/ml



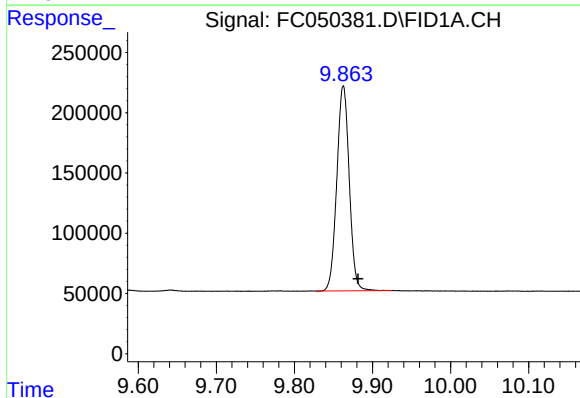
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min  
Delta R.T.: -0.019 min  
Response: 2131006  
Conc: 19.15 ug/ml



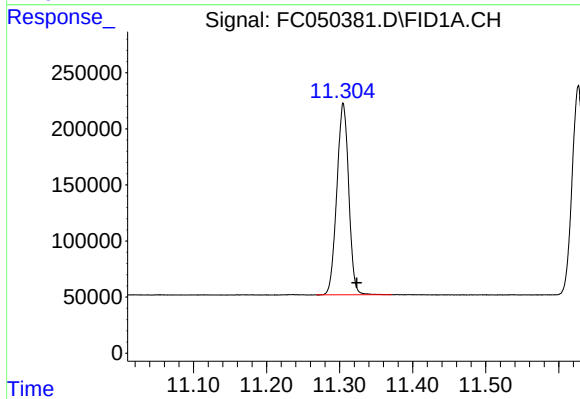
#6 n-Tetradecane (C14)

R.T.: 8.261 min  
Delta R.T.: -0.018 min  
Response: 1954631  
Conc: 19.51 ug/ml



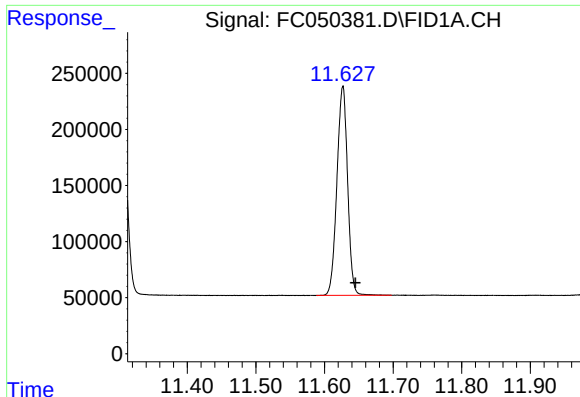
#7 n-Hexadecane (C16)

R.T.: 9.863 min  
Delta R.T.: -0.019 min  
Response: 1883528  
Conc: 19.11 ug/ml



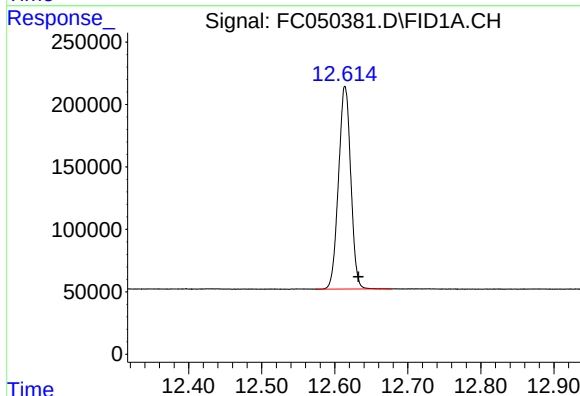
#8 n-Octadecane (C18)

R.T.: 11.305 min  
Delta R.T.: -0.018 min  
Response: 1928836  
Conc: 18.68 ug/ml



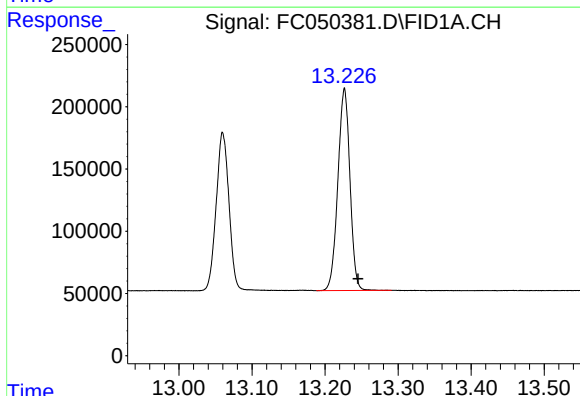
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min  
Delta R.T.: -0.018 min  
Response: 2012928  
Conc: 17.96 ug/ml



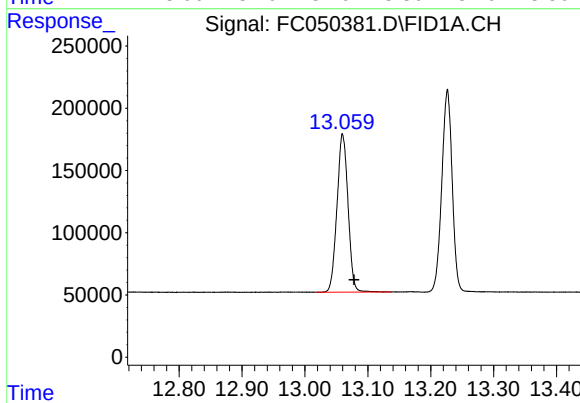
#10 n-Eicosane (C20)

R.T.: 12.614 min  
Delta R.T.: -0.018 min  
Response: 1894148  
Conc: 18.20 ug/ml



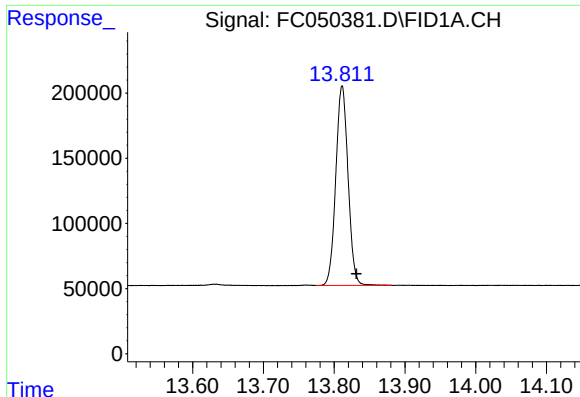
#11 n-Heneicosane (C21)

R.T.: 13.227 min  
Delta R.T.: -0.019 min  
Response: 1866351  
Conc: 17.96 ug/ml



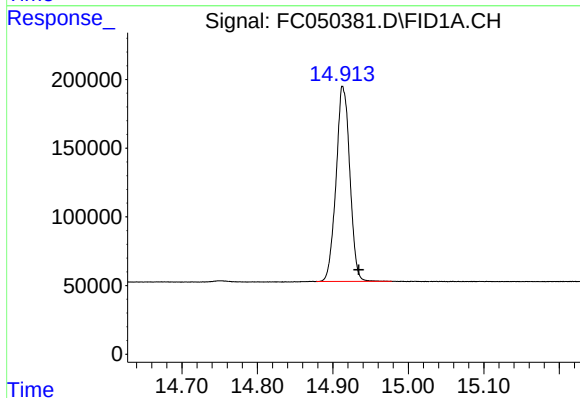
#12 1-chlorooctadecane (SURR)

R.T.: 13.060 min  
Delta R.T.: -0.018 min  
Response: 1549748  
Conc: 17.89 ug/ml



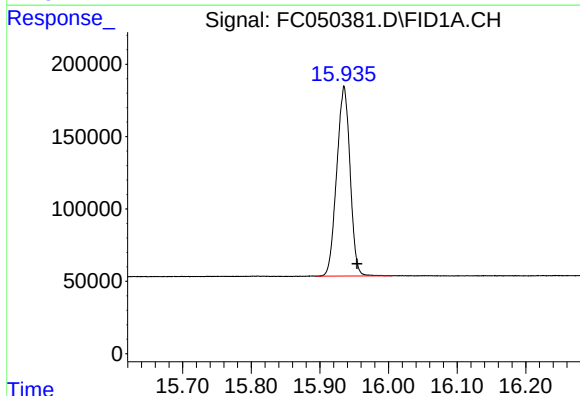
#13 n-Docosane (C22)

R.T.: 13.811 min  
Delta R.T.: -0.020 min  
Response: 1842397  
Conc: 17.75 ug/ml



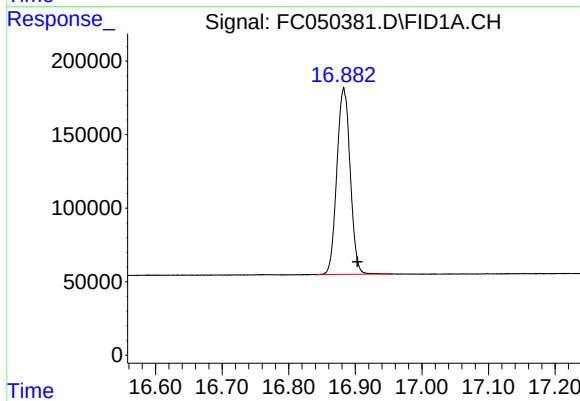
#14 n-Tetracosane (C24)

R.T.: 14.914 min  
Delta R.T.: -0.021 min  
Response: 1801333  
Conc: 17.34 ug/ml



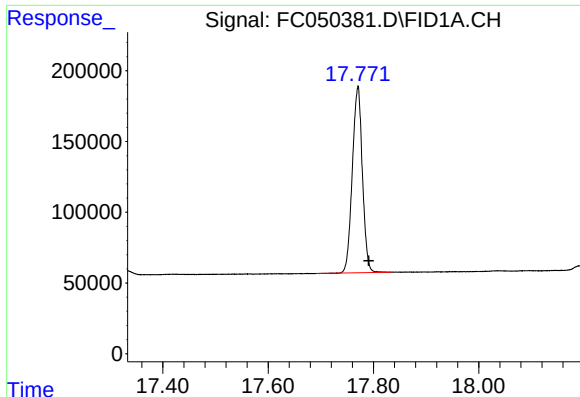
#15 n-Hexacosane (C26)

R.T.: 15.935 min  
Delta R.T.: -0.019 min  
Response: 1769891  
Conc: 17.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.883 min  
Delta R.T.: -0.021 min  
Response: 1763857  
Conc: 17.04 ug/ml



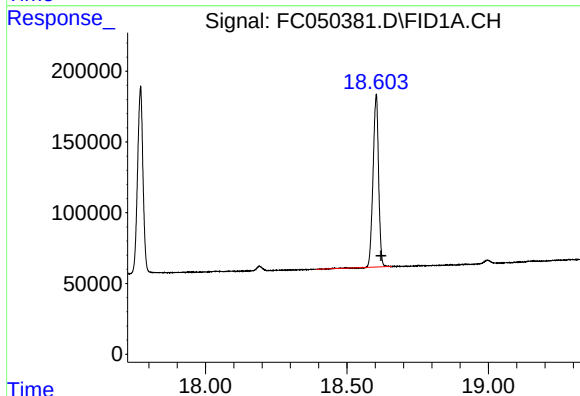
#17 n-Tricontane (C30)

R.T.: 17.770 min

Delta R.T.: -0.021 min

Response: 1743208

Conc: 17.08 ug/ml



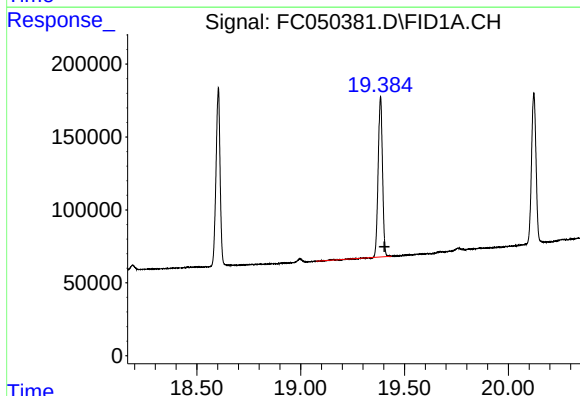
#18 n-Dotriacontane (C32)

R.T.: 18.603 min

Delta R.T.: -0.018 min

Response: 1657376

Conc: 17.25 ug/ml



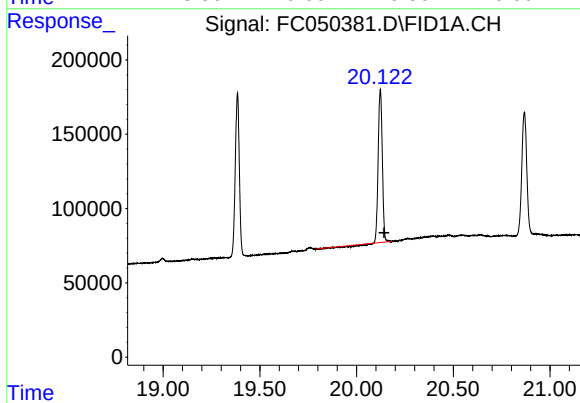
#19 n-Tetratriacontane (C34)

R.T.: 19.384 min

Delta R.T.: -0.019 min

Response: 1600169

Conc: 17.45 ug/ml



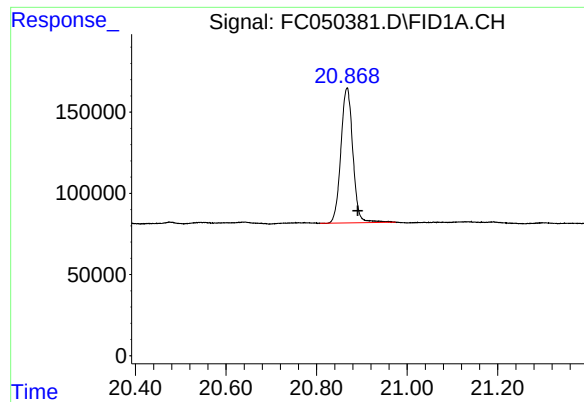
#20 n-Hexatriacontane (C36)

R.T.: 20.123 min

Delta R.T.: -0.020 min

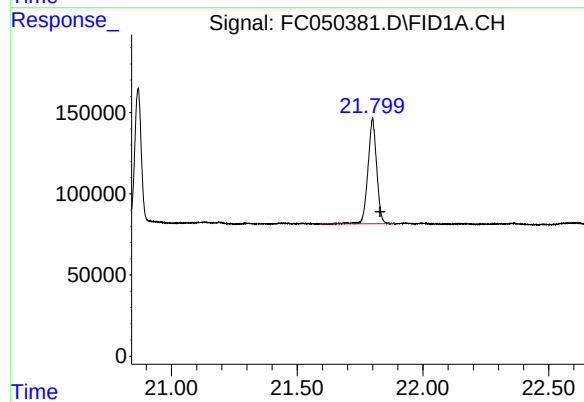
Response: 1471027

Conc: 16.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.867 min  
Delta R.T.: -0.024 min  
Response: 1521973  
Conc: 18.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.799 min  
Delta R.T.: -0.030 min  
Response: 1554083  
Conc: 18.58 ug/ml