

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC053119AL\  
 Data File : FC041585.D  
 Signal(s) : FID1A.CH  
 Acq On : 31 May 2019 23:03  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 01 00:35:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 051519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 15 16:14:00 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)    | 11.705 | 2213169    | 21.935 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.87%       |
| 12) S 1-chlorooctadecane (S... | 13.131 | 1743462    | 21.959 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.92%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.484  | 1861793    | 21.693 ug/ml |
| 2) T n-Decane (C10)            | 4.555  | 1909680    | 21.911 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.145  | 2243127    | 21.836 ug/ml |
| 4) T n-Dodecane (C12)          | 6.567  | 1934277    | 21.939 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.197  | 2258942    | 21.843 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.352  | 1968227    | 21.956 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.946  | 1978223    | 21.927 ug/ml |
| 8) T n-Octadecane (C18)        | 11.381 | 1980062    | 21.916 ug/ml |
| 10) T n-Eicosane (C20)         | 12.685 | 1996951    | 21.941 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.296 | 1991337    | 21.977 ug/ml |
| 13) T n-Docosane (C22)         | 13.880 | 1995208    | 22.025 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.981 | 2009868    | 22.105 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.999 | 2024977    | 22.311 ug/ml |
| 16) T n-Octacosane (C28)       | 16.946 | 2051515    | 22.407 ug/ml |
| 17) T n-Tricontane (C30)       | 17.832 | 2021294    | 22.497 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.662 | 1897334    | 22.674 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.443 | 1612627    | 22.558 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.181 | 1423337    | 22.337 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.934 | 1335588    | 22.133 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.878 | 1211455    | 20.590 ug/ml |
| -----                          |        |            |              |

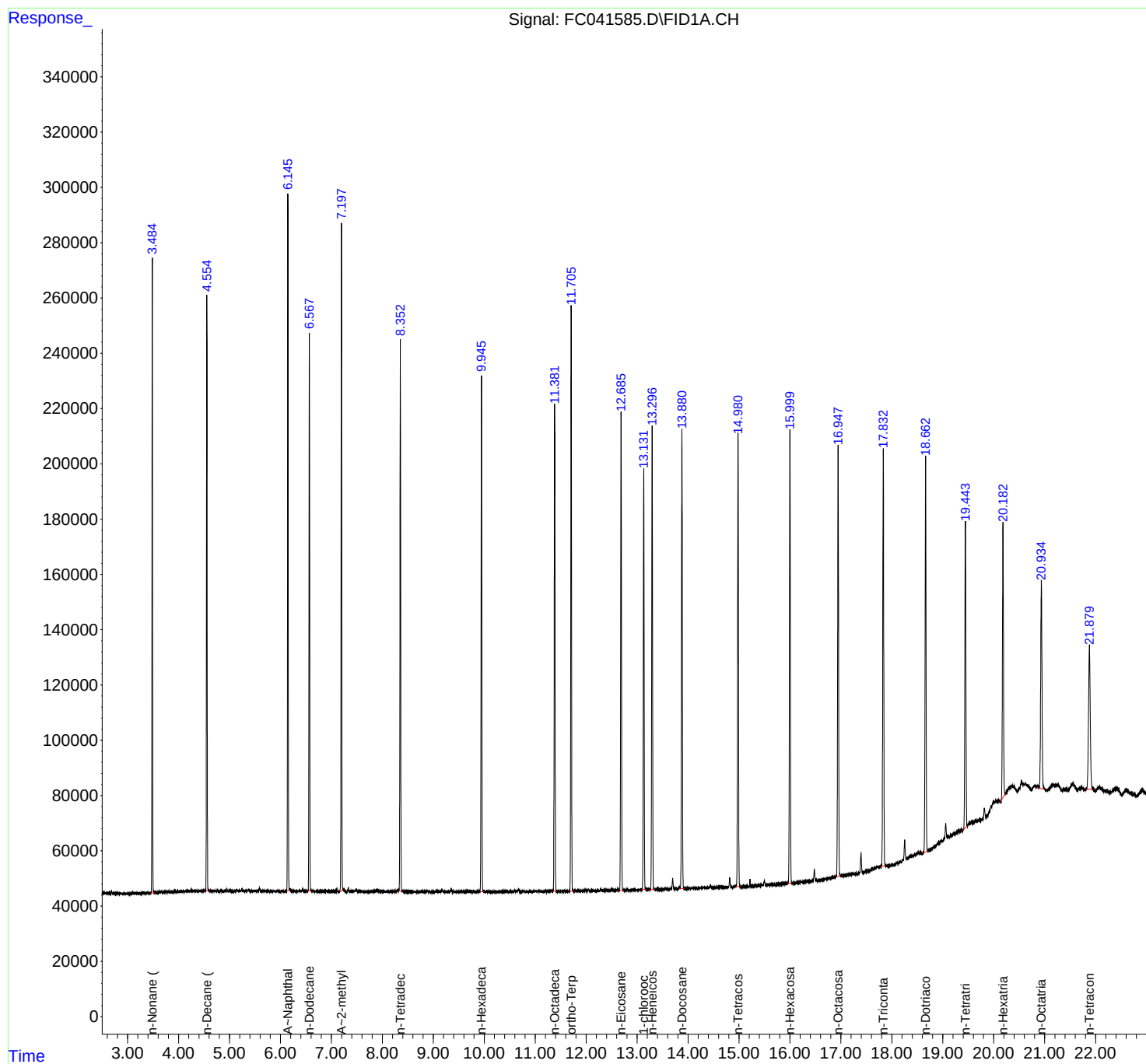
(f)=RT Delta > 1/2 Window

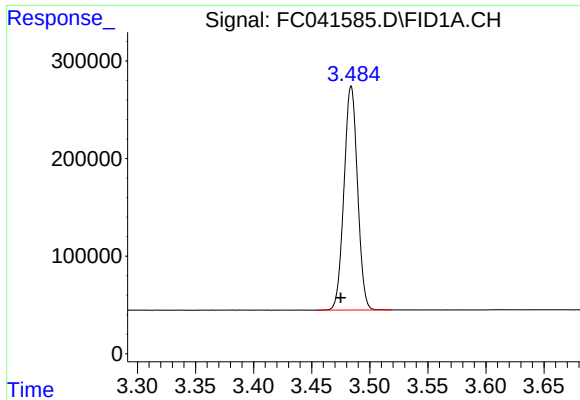
(m)=manual int.

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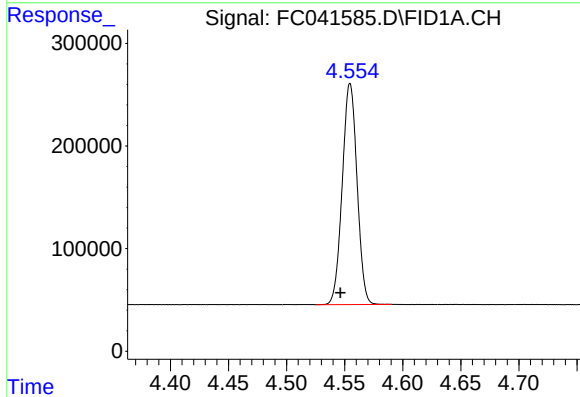
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





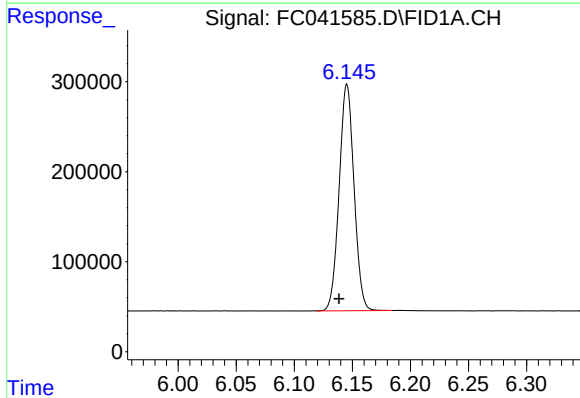
#1 n-Nonane (C9)

R.T.: 3.484 min  
Delta R.T.: 0.009 min  
Response: 1861793  
Conc: 21.69 ug/ml



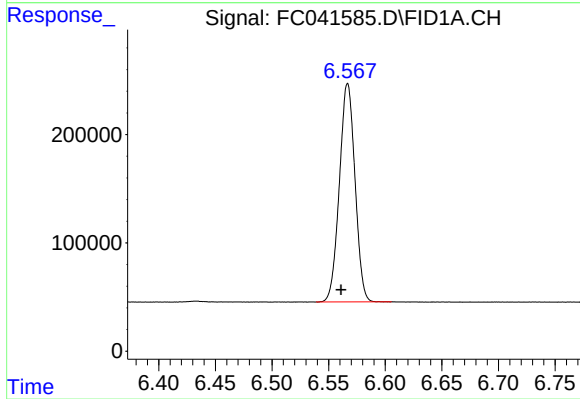
#2 n-Decane (C10)

R.T.: 4.555 min  
Delta R.T.: 0.008 min  
Response: 1909680  
Conc: 21.91 ug/ml



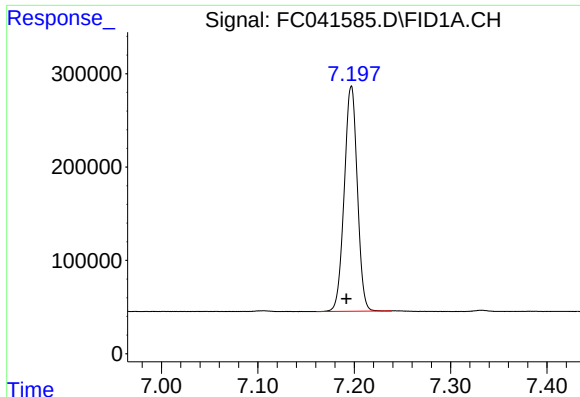
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min  
Delta R.T.: 0.007 min  
Response: 2243127  
Conc: 21.84 ug/ml



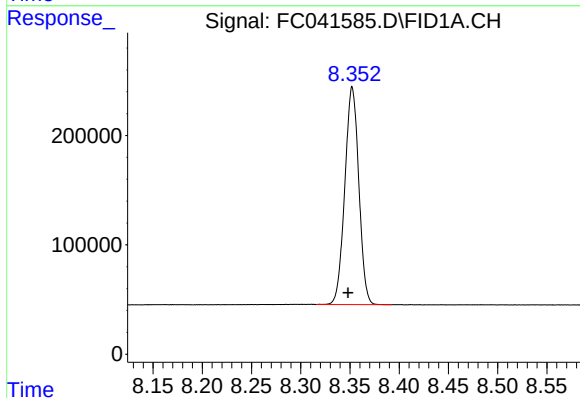
#4 n-Dodecane (C12)

R.T.: 6.567 min  
Delta R.T.: 0.006 min  
Response: 1934277  
Conc: 21.94 ug/ml



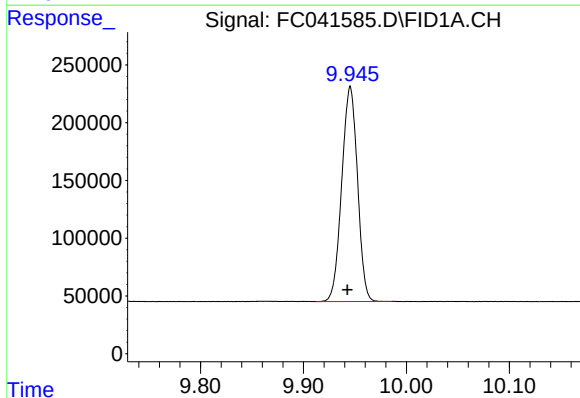
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.197 min  
Delta R.T.: 0.005 min  
Response: 2258942  
Conc: 21.84 ug/ml



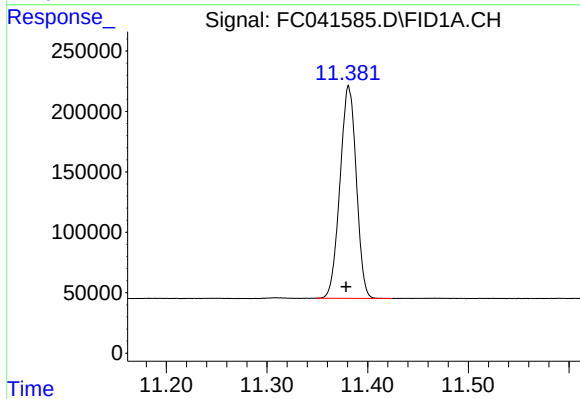
#6 n-Tetradecane (C14)

R.T.: 8.352 min  
Delta R.T.: 0.004 min  
Response: 1968227  
Conc: 21.96 ug/ml



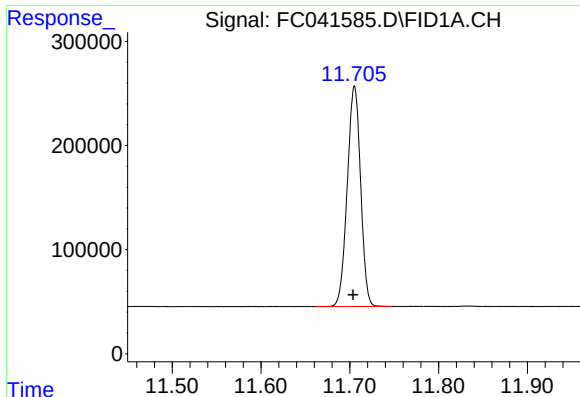
#7 n-Hexadecane (C16)

R.T.: 9.946 min  
Delta R.T.: 0.003 min  
Response: 1978223  
Conc: 21.93 ug/ml



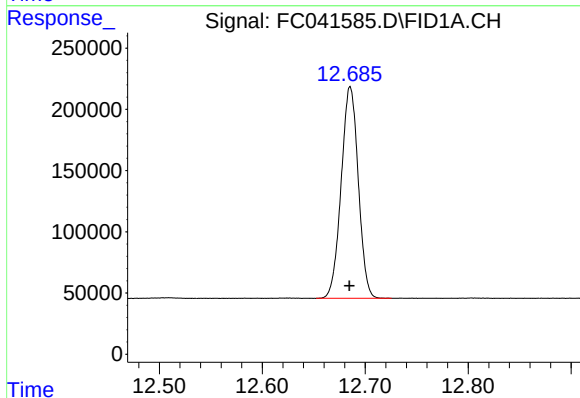
#8 n-Octadecane (C18)

R.T.: 11.381 min  
Delta R.T.: 0.003 min  
Response: 1980062  
Conc: 21.92 ug/ml



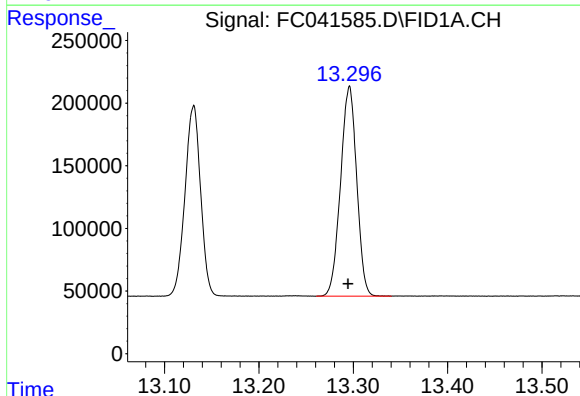
#9 ortho-Terphenyl (SURR)

R.T.: 11.705 min  
Delta R.T.: 0.002 min  
Response: 2213169  
Conc: 21.94 ug/ml



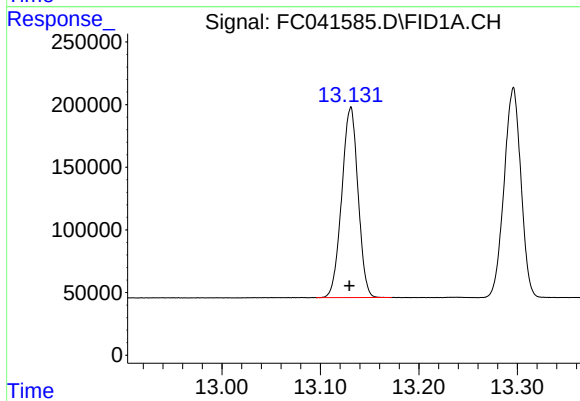
#10 n-Eicosane (C20)

R.T.: 12.685 min  
Delta R.T.: 0.000 min  
Response: 1996951  
Conc: 21.94 ug/ml



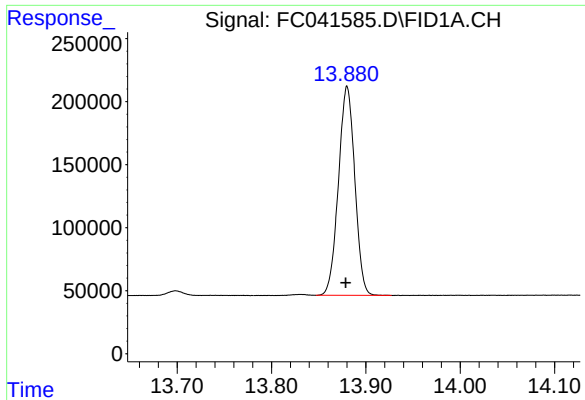
#11 n-Heneicosane (C21)

R.T.: 13.296 min  
Delta R.T.: 0.002 min  
Response: 1991337  
Conc: 21.98 ug/ml



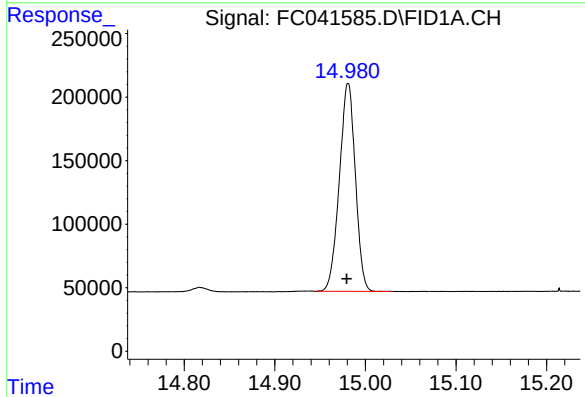
#12 1-chlorooctadecane (SURR)

R.T.: 13.131 min  
Delta R.T.: 0.001 min  
Response: 1743462  
Conc: 21.96 ug/ml



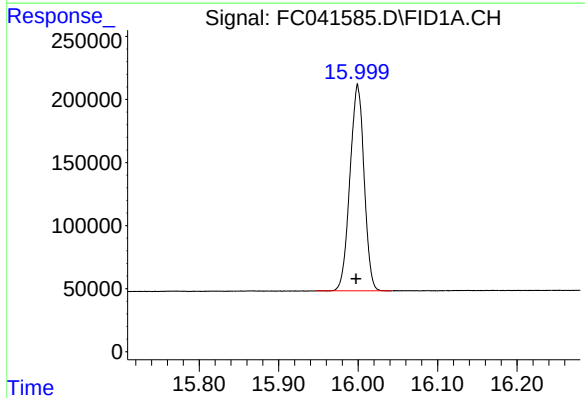
#13 n-Docosane (C22)

R.T.: 13.880 min  
Delta R.T.: 0.001 min  
Response: 1995208  
Conc: 22.02 ug/ml



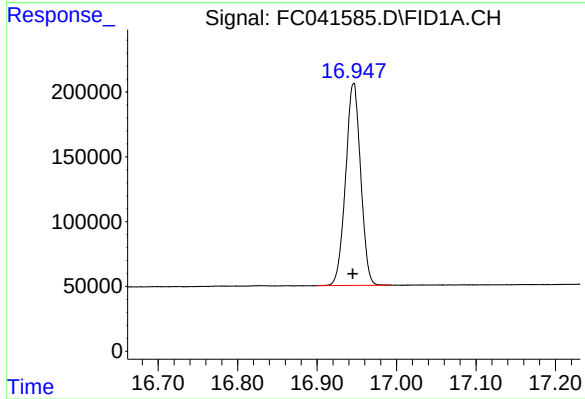
#14 n-Tetracosane (C24)

R.T.: 14.981 min  
Delta R.T.: 0.002 min  
Response: 2009868  
Conc: 22.10 ug/ml



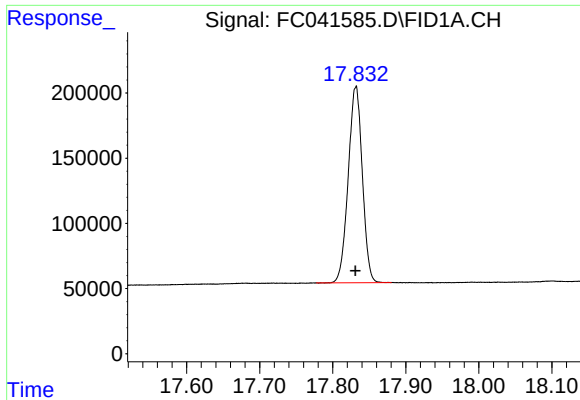
#15 n-Hexacosane (C26)

R.T.: 15.999 min  
Delta R.T.: 0.002 min  
Response: 2024977  
Conc: 22.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.946 min  
Delta R.T.: 0.001 min  
Response: 2051515  
Conc: 22.41 ug/ml



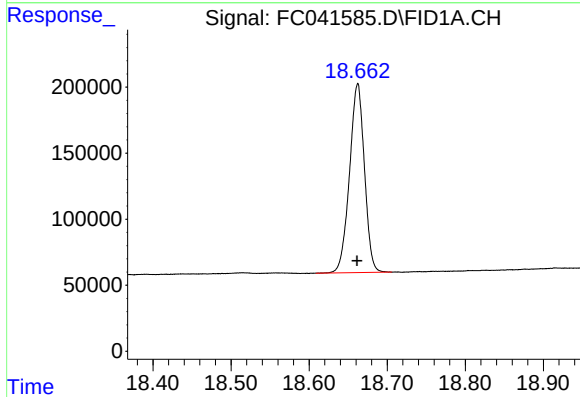
#17 n-Tricontane (C30)

R.T.: 17.832 min

Delta R.T.: 0.000 min

Response: 2021294

Conc: 22.50 ug/ml



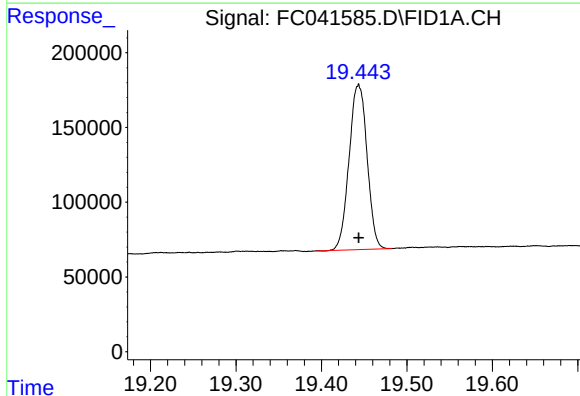
#18 n-Dotriacontane (C32)

R.T.: 18.662 min

Delta R.T.: 0.000 min

Response: 1897334

Conc: 22.67 ug/ml



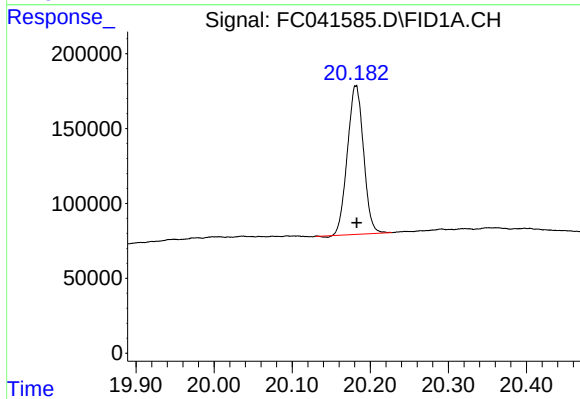
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min

Delta R.T.: 0.000 min

Response: 1612627

Conc: 22.56 ug/ml



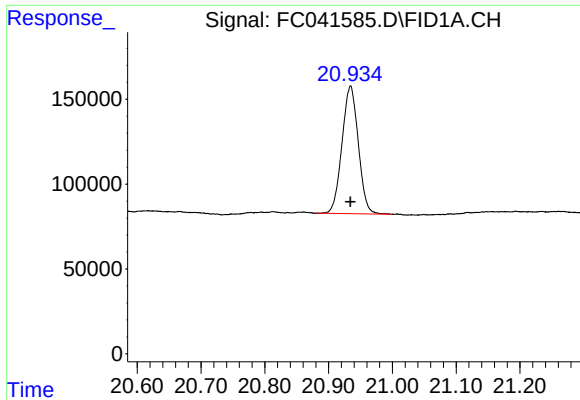
#20 n-Hexatriacontane (C36)

R.T.: 20.181 min

Delta R.T.: -0.001 min

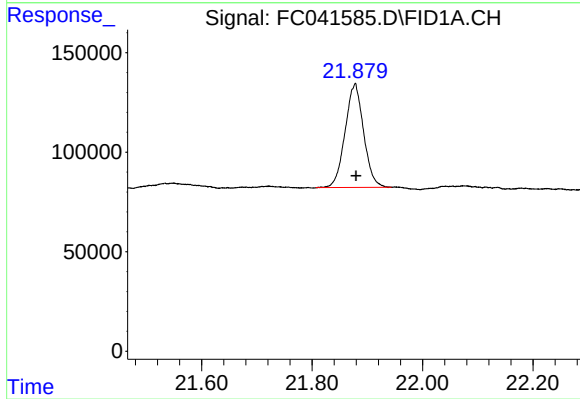
Response: 1423337

Conc: 22.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.934 min  
Delta R.T.: 0.000 min  
Response: 1335588  
Conc: 22.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.878 min  
Delta R.T.: -0.001 min  
Response: 1211455  
Conc: 20.59 ug/ml