

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052419AL\  
 Data File : FC041493.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 May 2019 4:30  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 25 05:16:47 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 | 1977573    | 19.600 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.20%       |
| 12) S 1-chlorooctadecane (S... | 13.130 | 1547677    | 19.493 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.99%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.480  | 1682371    | 19.602 ug/ml |
| 2) T n-Decane (C10)            | 4.551  | 1716687    | 19.697 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.141  | 2015386    | 19.619 ug/ml |
| 4) T n-Dodecane (C12)          | 6.563  | 1751046    | 19.861 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.193  | 2026077    | 19.591 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.350  | 1786012    | 19.923 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.944  | 1783595    | 19.770 ug/ml |
| 8) T n-Octadecane (C18)        | 11.380 | 1780224    | 19.704 ug/ml |
| 10) T n-Eicosane (C20)         | 12.685 | 1798056    | 19.756 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.295 | 1790521    | 19.761 ug/ml |
| 13) T n-Docosane (C22)         | 13.881 | 1794473    | 19.809 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.980 | 1807492    | 19.879 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.999 | 1802082    | 19.855 ug/ml |
| 16) T n-Octacosane (C28)       | 16.947 | 1815004    | 19.823 ug/ml |
| 17) T n-Tricontane (C30)       | 17.832 | 1792395    | 19.950 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.662 | 1681557    | 20.096 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.443 | 1450768    | 20.294 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.182 | 1329265    | 20.861 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.935 | 1216568    | 20.160 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.877 | 999431     | 16.986 ug/ml |
| -----                          |        |            |              |

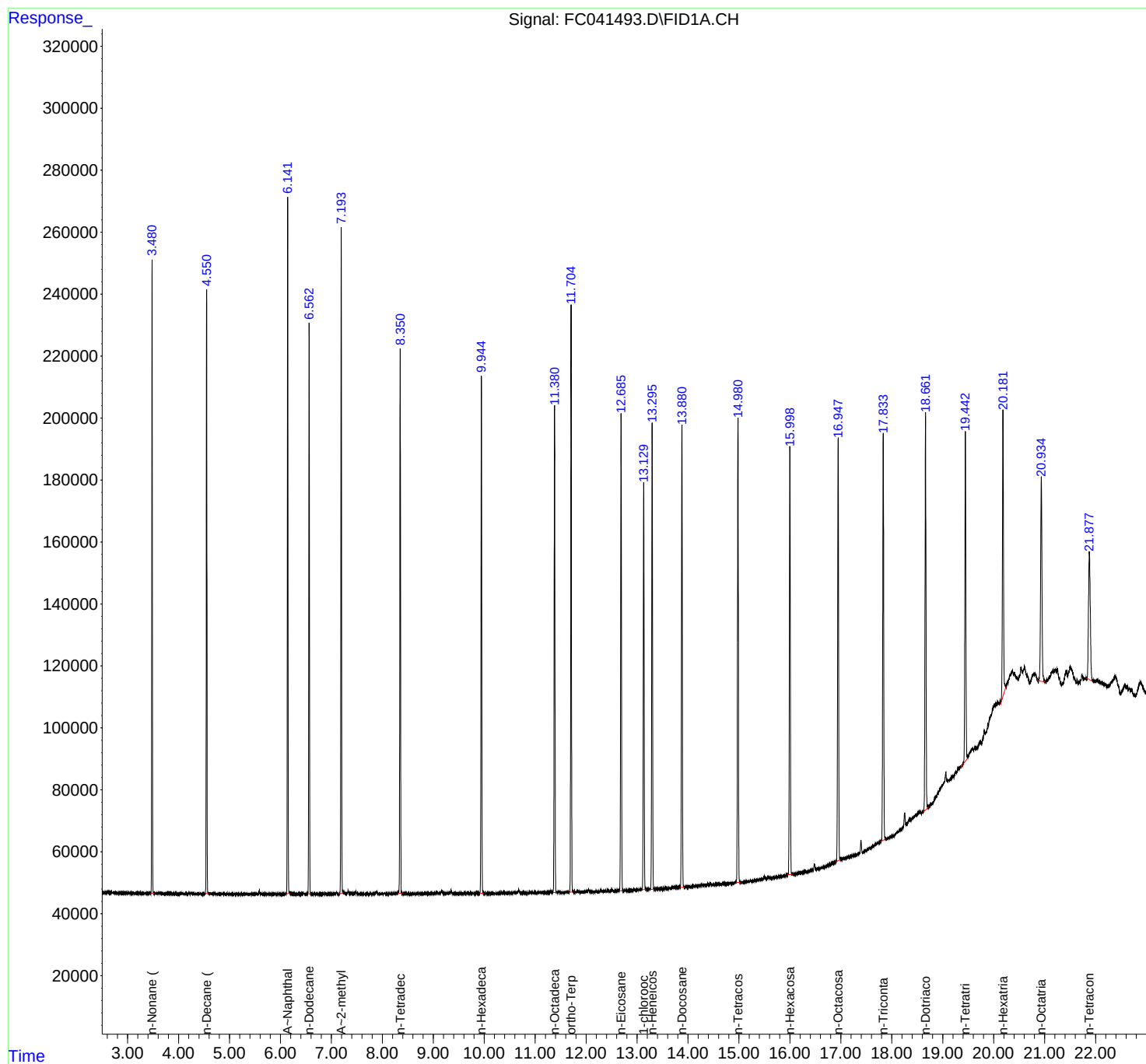
(f)=RT Delta > 1/2 Window

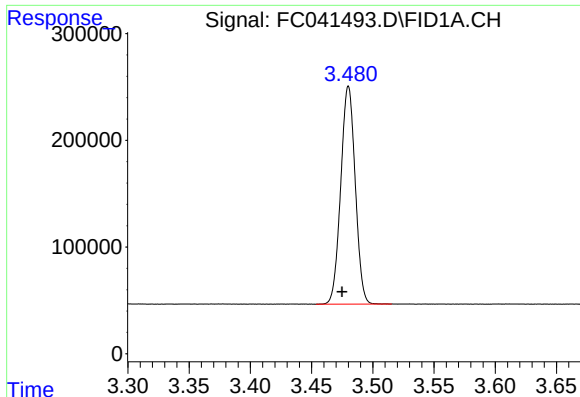
(m)=manual int.

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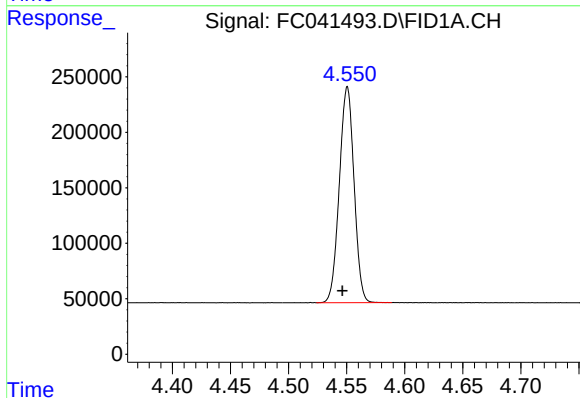
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





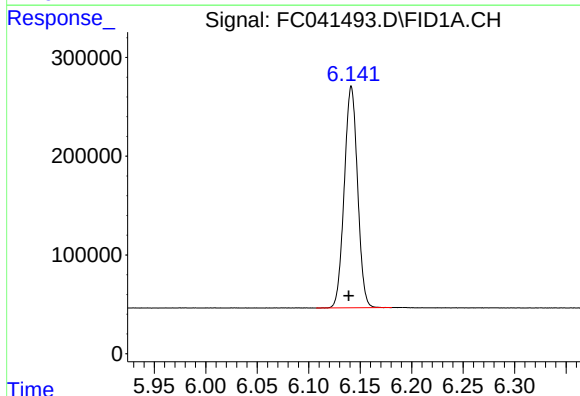
#1 n-Nonane (C9)

R.T.: 3.480 min  
Delta R.T.: 0.005 min  
Response: 1682371  
Conc: 19.60 ug/ml



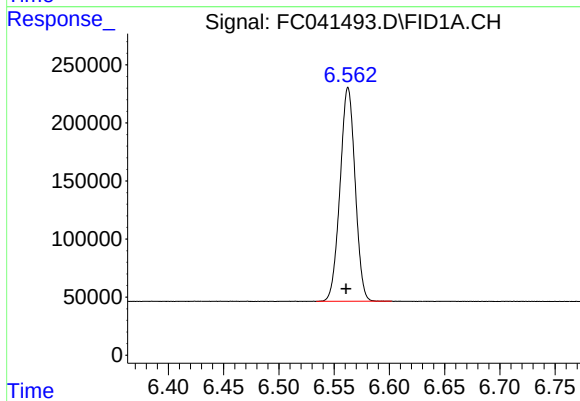
#2 n-Decane (C10)

R.T.: 4.551 min  
Delta R.T.: 0.004 min  
Response: 1716687  
Conc: 19.70 ug/ml



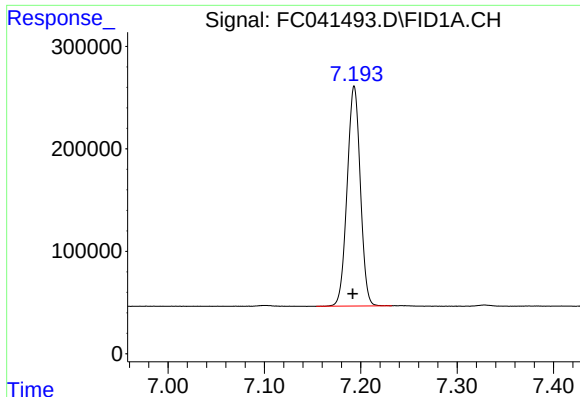
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min  
Delta R.T.: 0.003 min  
Response: 2015386  
Conc: 19.62 ug/ml



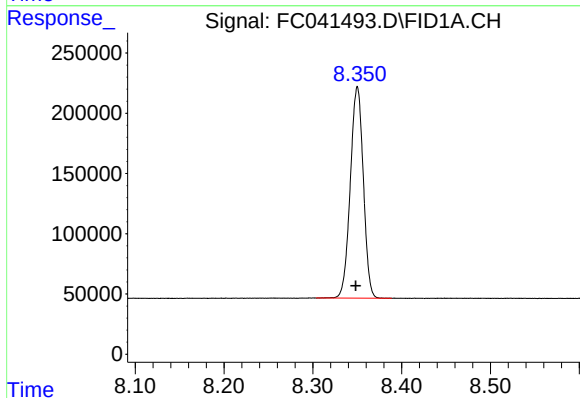
#4 n-Dodecane (C12)

R.T.: 6.563 min  
Delta R.T.: 0.002 min  
Response: 1751046  
Conc: 19.86 ug/ml



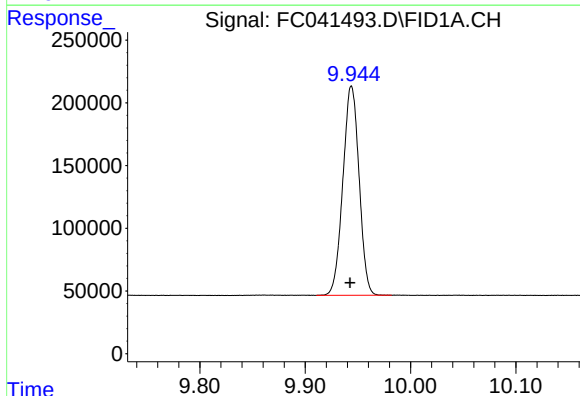
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.193 min  
Delta R.T.: 0.002 min  
Response: 2026077  
Conc: 19.59 ug/ml



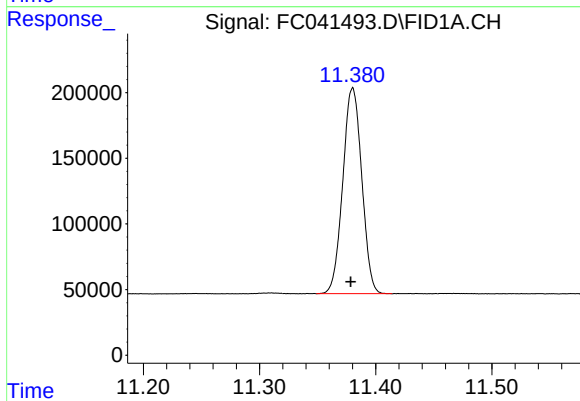
#6 n-Tetradecane (C14)

R.T.: 8.350 min  
Delta R.T.: 0.002 min  
Response: 1786012  
Conc: 19.92 ug/ml



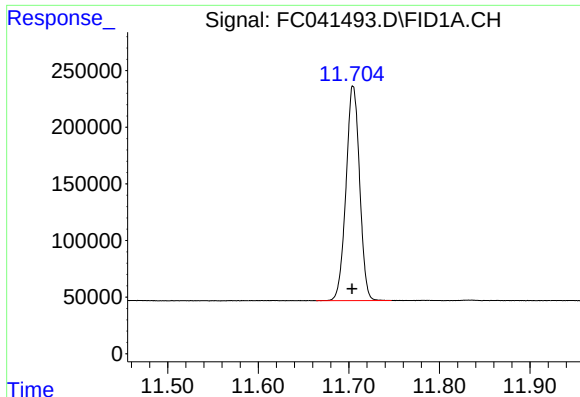
#7 n-Hexadecane (C16)

R.T.: 9.944 min  
Delta R.T.: 0.001 min  
Response: 1783595  
Conc: 19.77 ug/ml



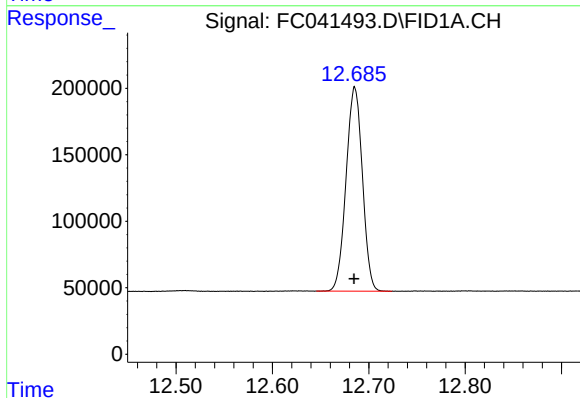
#8 n-Octadecane (C18)

R.T.: 11.380 min  
Delta R.T.: 0.002 min  
Response: 1780224  
Conc: 19.70 ug/ml



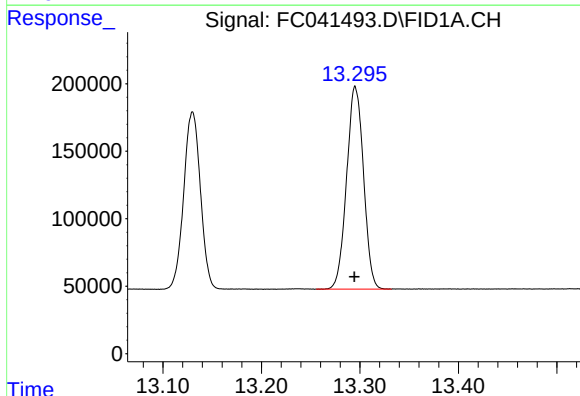
#9 ortho-Terphenyl (SURR)

R.T.: 11.705 min  
Delta R.T.: 0.001 min  
Response: 1977573  
Conc: 19.60 ug/ml



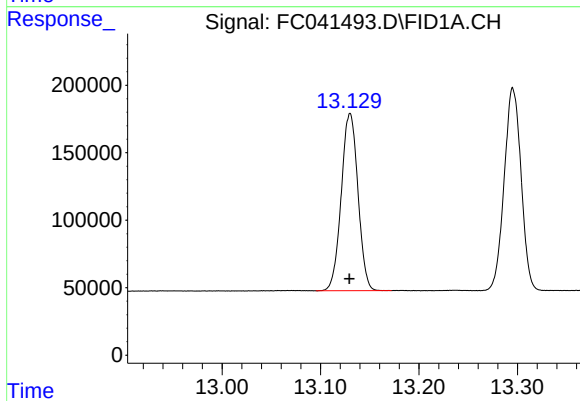
#10 n-Eicosane (C20)

R.T.: 12.685 min  
Delta R.T.: 0.000 min  
Response: 1798056  
Conc: 19.76 ug/ml



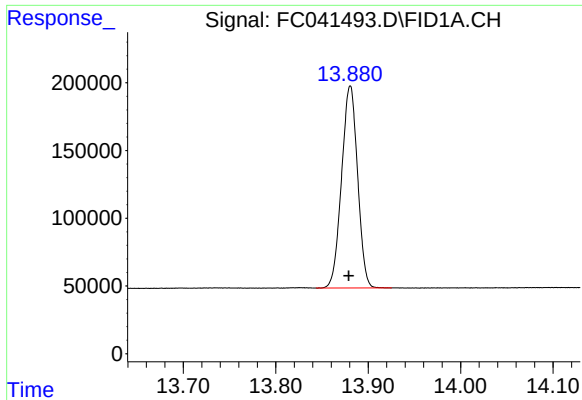
#11 n-Heneicosane (C21)

R.T.: 13.295 min  
Delta R.T.: 0.001 min  
Response: 1790521  
Conc: 19.76 ug/ml



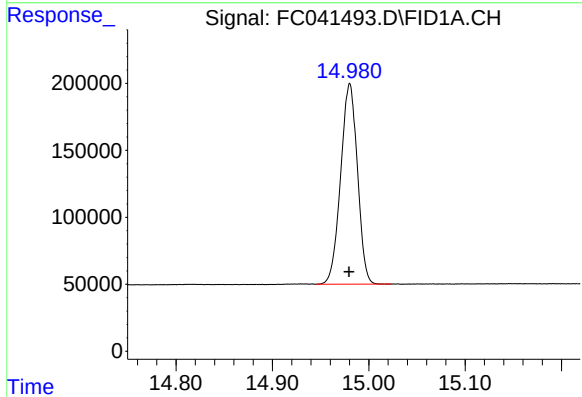
#12 1-chlorooctadecane (SURR)

R.T.: 13.130 min  
Delta R.T.: 0.000 min  
Response: 1547677  
Conc: 19.49 ug/ml



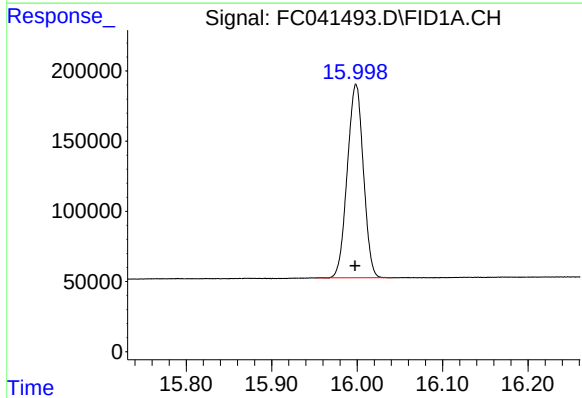
#13 n-Docosane (C22)

R.T.: 13.881 min  
Delta R.T.: 0.002 min  
Response: 1794473  
Conc: 19.81 ug/ml



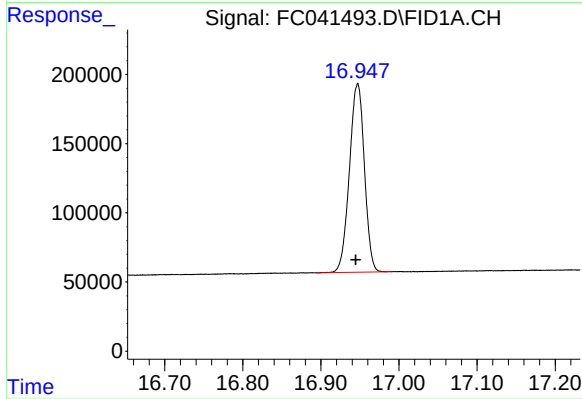
#14 n-Tetracosane (C24)

R.T.: 14.980 min  
Delta R.T.: 0.000 min  
Response: 1807492  
Conc: 19.88 ug/ml



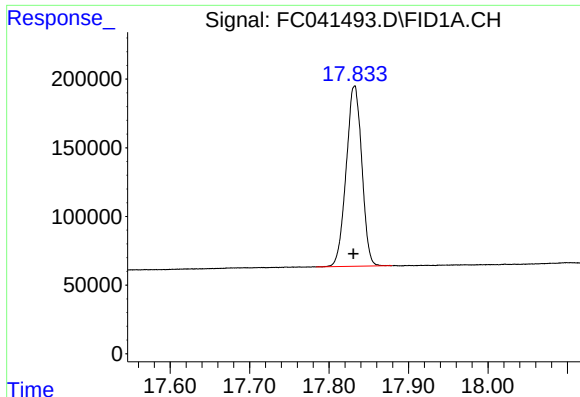
#15 n-Hexacosane (C26)

R.T.: 15.999 min  
Delta R.T.: 0.001 min  
Response: 1802082  
Conc: 19.86 ug/ml



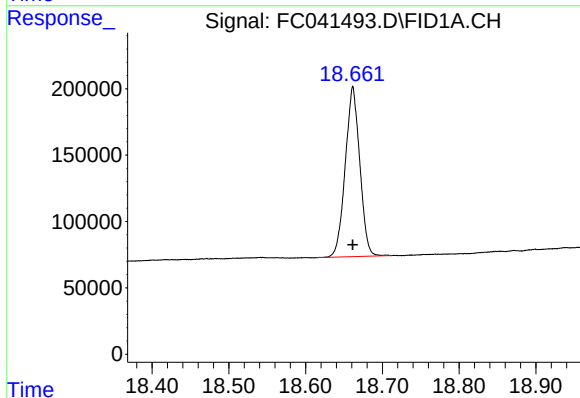
#16 n-Octacosane (C28)

R.T.: 16.947 min  
Delta R.T.: 0.002 min  
Response: 1815004  
Conc: 19.82 ug/ml



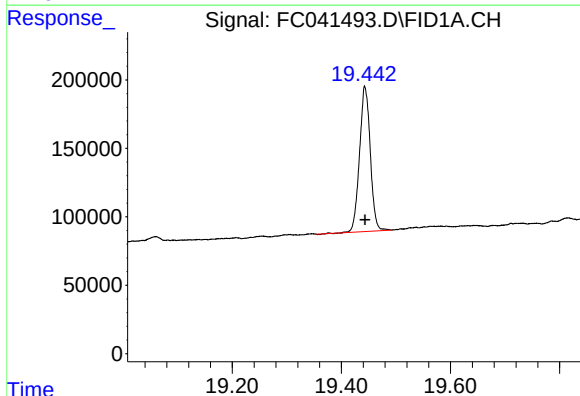
#17 n-Tricontane (C30)

R.T.: 17.832 min  
Delta R.T.: 0.001 min  
Response: 1792395  
Conc: 19.95 ug/ml



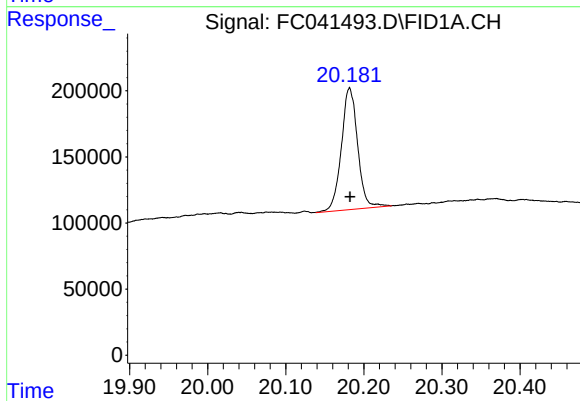
#18 n-Dotriacontane (C32)

R.T.: 18.662 min  
Delta R.T.: 0.000 min  
Response: 1681557  
Conc: 20.10 ug/ml



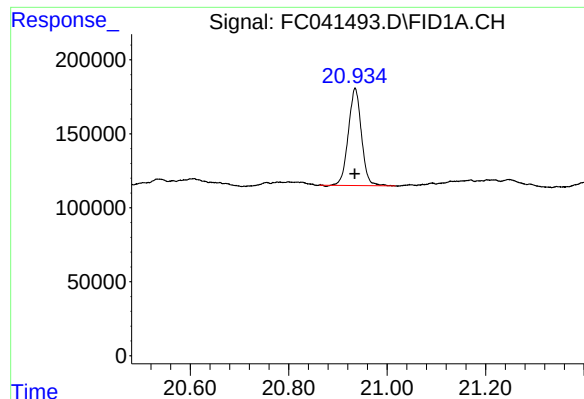
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min  
Delta R.T.: 0.000 min  
Response: 1450768  
Conc: 20.29 ug/ml



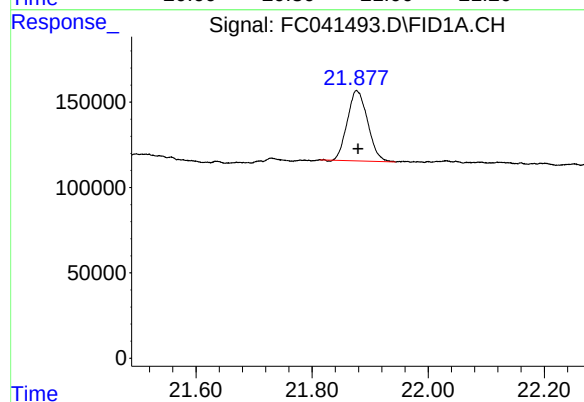
#20 n-Hexatriacontane (C36)

R.T.: 20.182 min  
Delta R.T.: 0.000 min  
Response: 1329265  
Conc: 20.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.935 min  
Delta R.T.: 0.000 min  
Response: 1216568  
Conc: 20.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.877 min  
Delta R.T.: -0.003 min  
Response: 999431  
Conc: 16.99 ug/ml