

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052219AL\  
 Data File : FC041391.D  
 Signal(s) : FID1A.CH  
 Acq On : 22 May 2019 10:38  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 23 01:20:44 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)    | 11.700 | 2058457    | 20.402 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.80%       |
| 12) S 1-chlorooctadecane (S... | 13.125 | 1610452    | 20.284 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.57%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.479  | 1713356    | 19.963 ug/ml |
| 2) T n-Decane (C10)            | 4.549  | 1745260    | 20.025 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.139  | 2059417    | 20.048 ug/ml |
| 4) T n-Dodecane (C12)          | 6.560  | 1764123    | 20.009 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.190  | 2081758    | 20.129 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.346  | 1795056    | 20.024 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.939  | 1810193    | 20.065 ug/ml |
| 8) T n-Octadecane (C18)        | 11.376 | 1826895    | 20.220 ug/ml |
| 10) T n-Eicosane (C20)         | 12.681 | 1856572    | 20.399 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.290 | 1851074    | 20.429 ug/ml |
| 13) T n-Docosane (C22)         | 13.875 | 1871569    | 20.660 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.973 | 1912995    | 21.039 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.991 | 1933101    | 21.299 ug/ml |
| 16) T n-Octacosane (C28)       | 16.938 | 1964782    | 21.459 ug/ml |
| 17) T n-Tricontane (C30)       | 17.824 | 1941451    | 21.609 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.653 | 1811257    | 21.646 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.435 | 1513737    | 21.175 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.172 | 1438736    | 22.579 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.921 | 1304201    | 21.612 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.862 | 1173141    | 19.939 ug/ml |
| -----                          |        |            |              |

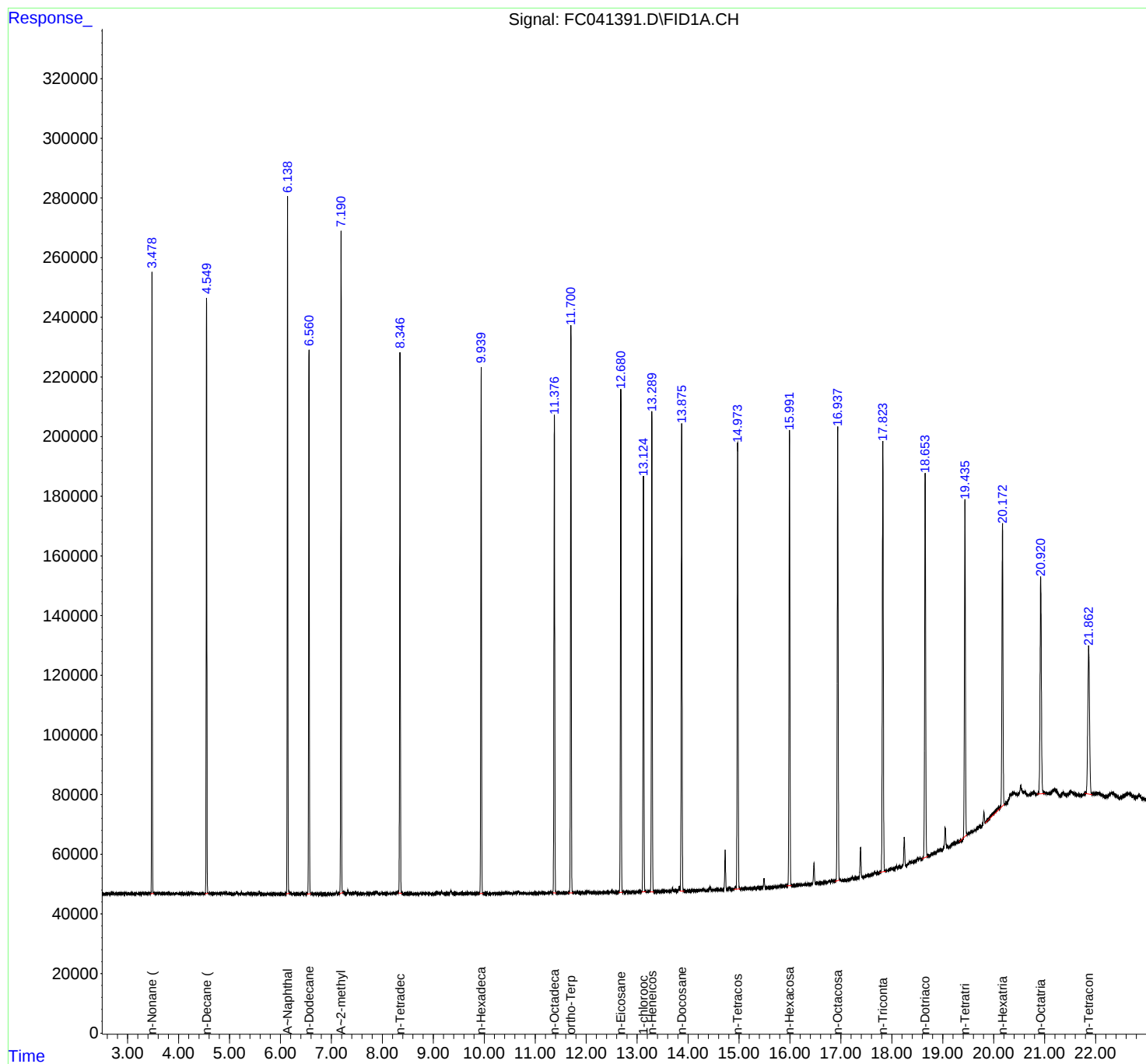
(f)=RT Delta > 1/2 Window

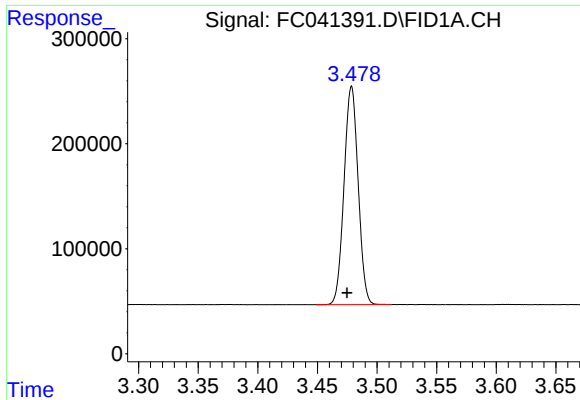
(m)=manual int.

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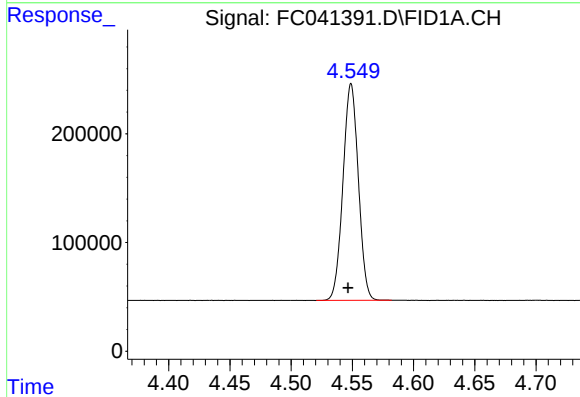
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





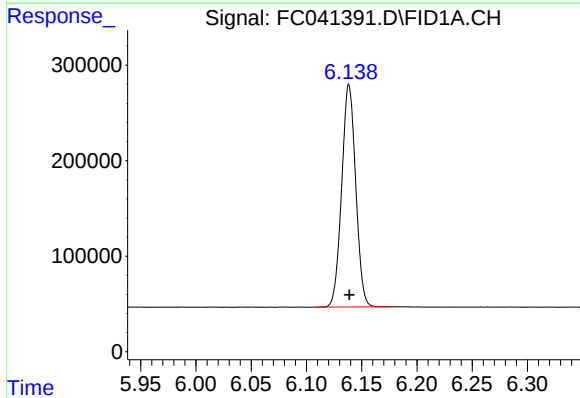
#1 n-Nonane (C9)

R.T.: 3.479 min  
Delta R.T.: 0.004 min  
Response: 1713356  
Conc: 19.96 ug/ml



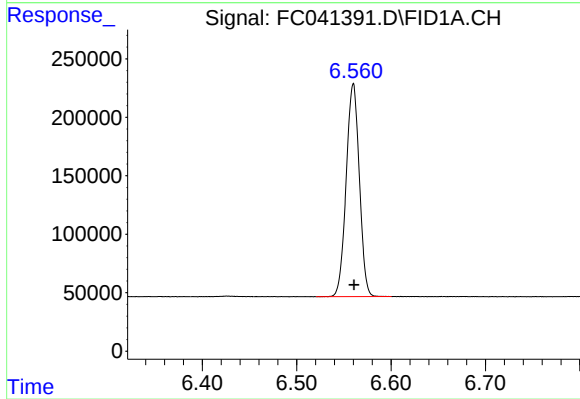
#2 n-Decane (C10)

R.T.: 4.549 min  
Delta R.T.: 0.003 min  
Response: 1745260  
Conc: 20.02 ug/ml



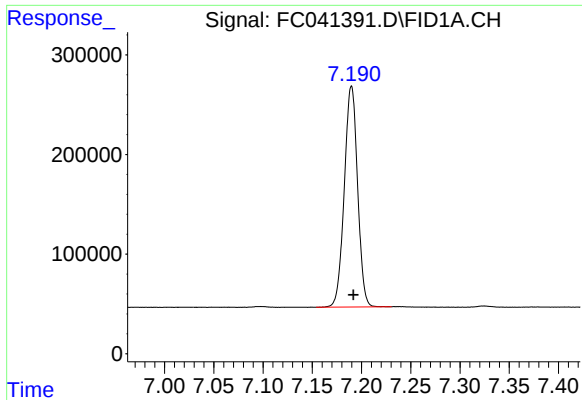
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 2059417  
Conc: 20.05 ug/ml



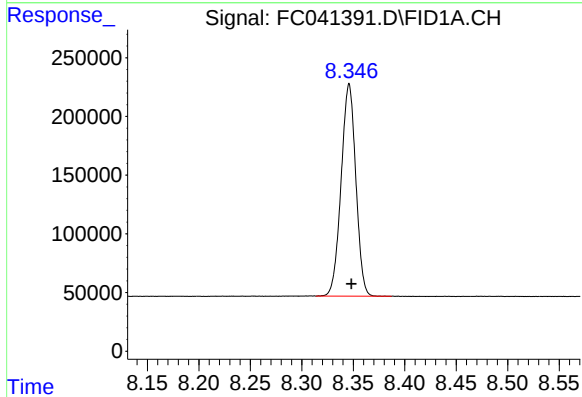
#4 n-Dodecane (C12)

R.T.: 6.560 min  
Delta R.T.: 0.000 min  
Response: 1764123  
Conc: 20.01 ug/ml



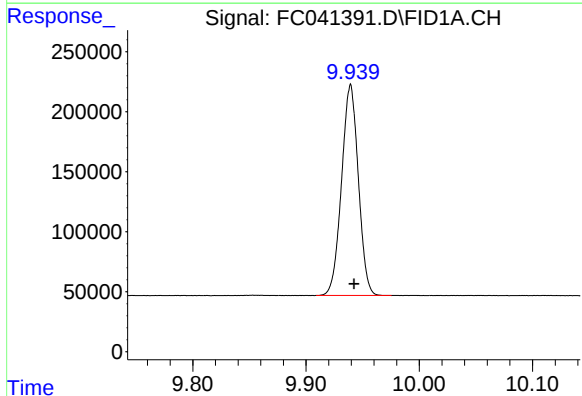
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min  
Delta R.T.: -0.002 min  
Response: 2081758  
Conc: 20.13 ug/ml



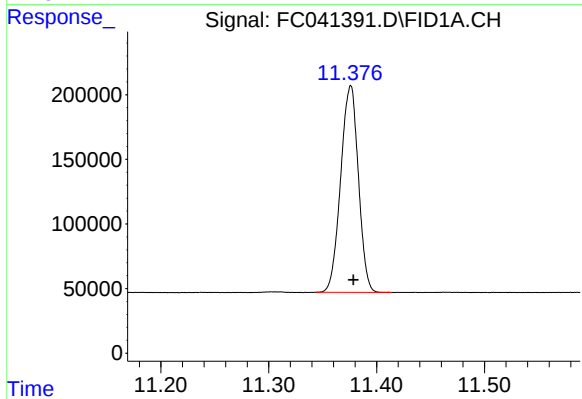
#6 n-Tetradecane (C14)

R.T.: 8.346 min  
Delta R.T.: -0.002 min  
Response: 1795056  
Conc: 20.02 ug/ml



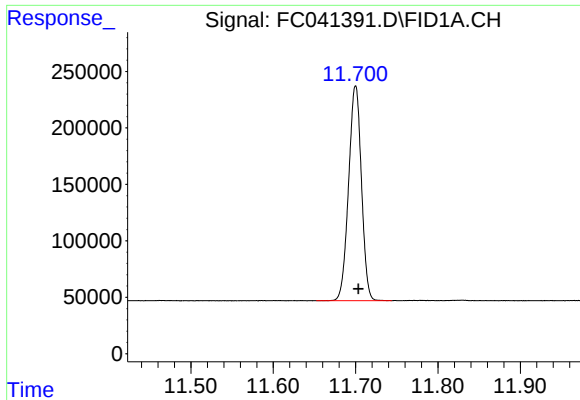
#7 n-Hexadecane (C16)

R.T.: 9.939 min  
Delta R.T.: -0.003 min  
Response: 1810193  
Conc: 20.06 ug/ml



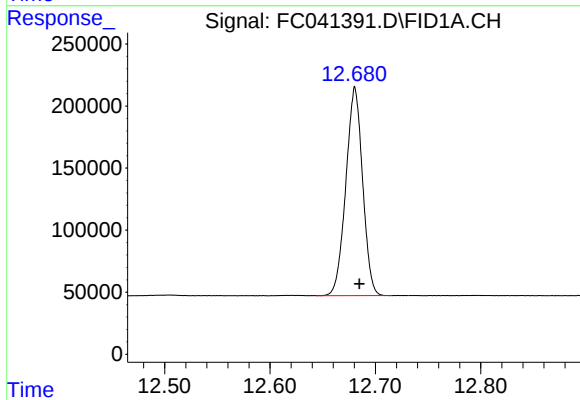
#8 n-Octadecane (C18)

R.T.: 11.376 min  
Delta R.T.: -0.003 min  
Response: 1826895  
Conc: 20.22 ug/ml



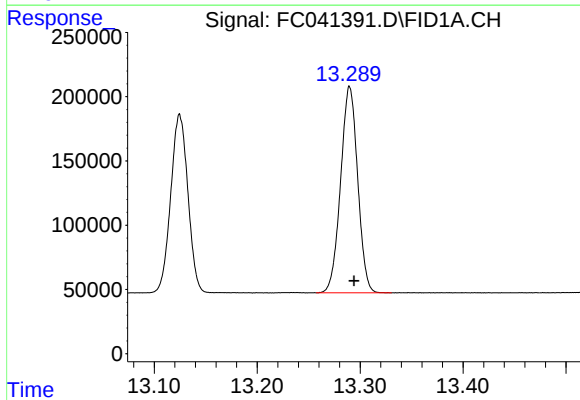
#9 ortho-Terphenyl (SURR)

R.T.: 11.700 min  
Delta R.T.: -0.004 min  
Response: 2058457  
Conc: 20.40 ug/ml



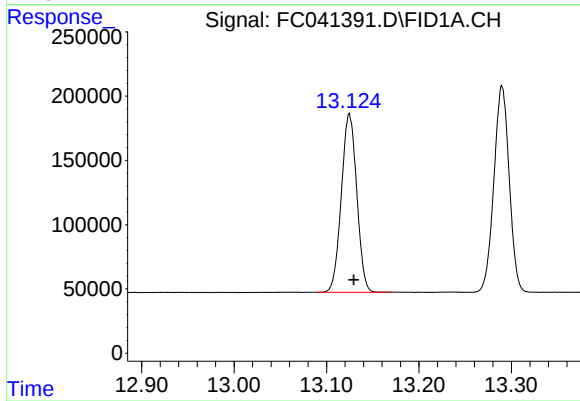
#10 n-Eicosane (C20)

R.T.: 12.681 min  
Delta R.T.: -0.004 min  
Response: 1856572  
Conc: 20.40 ug/ml



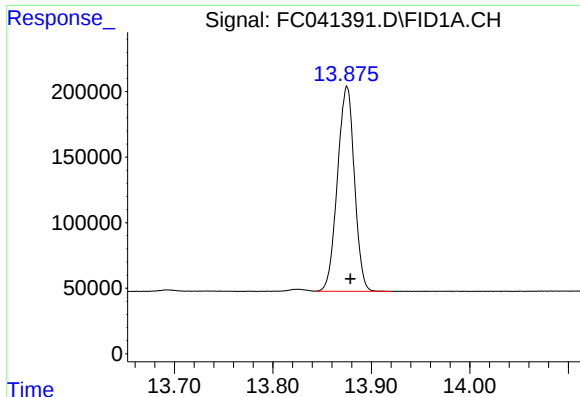
#11 n-Heneicosane (C21)

R.T.: 13.290 min  
Delta R.T.: -0.004 min  
Response: 1851074  
Conc: 20.43 ug/ml



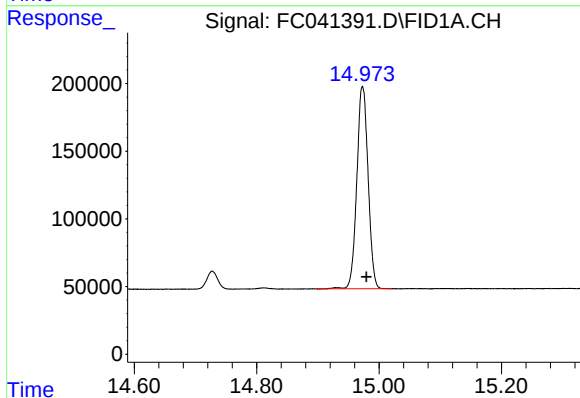
#12 1-chlorooctadecane (SURR)

R.T.: 13.125 min  
Delta R.T.: -0.005 min  
Response: 1610452  
Conc: 20.28 ug/ml



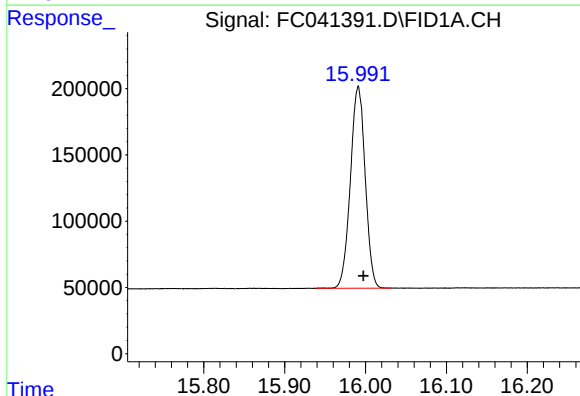
#13 n-Docosane (C22)

R.T.: 13.875 min  
Delta R.T.: -0.004 min  
Response: 1871569  
Conc: 20.66 ug/ml



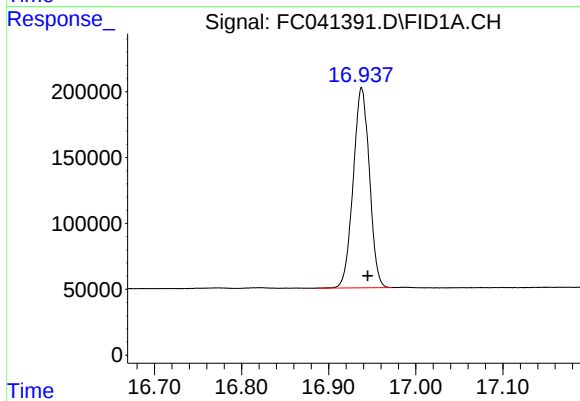
#14 n-Tetracosane (C24)

R.T.: 14.973 min  
Delta R.T.: -0.006 min  
Response: 1912995  
Conc: 21.04 ug/ml



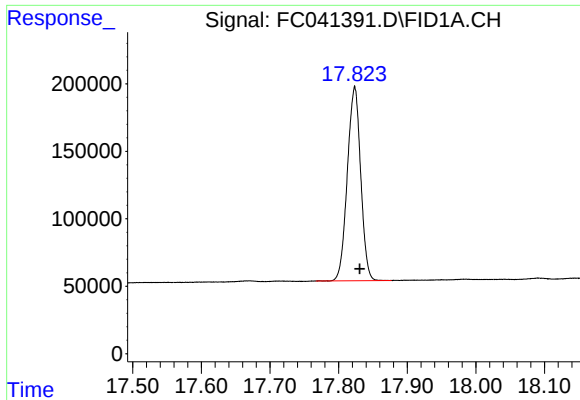
#15 n-Hexacosane (C26)

R.T.: 15.991 min  
Delta R.T.: -0.007 min  
Response: 1933101  
Conc: 21.30 ug/ml



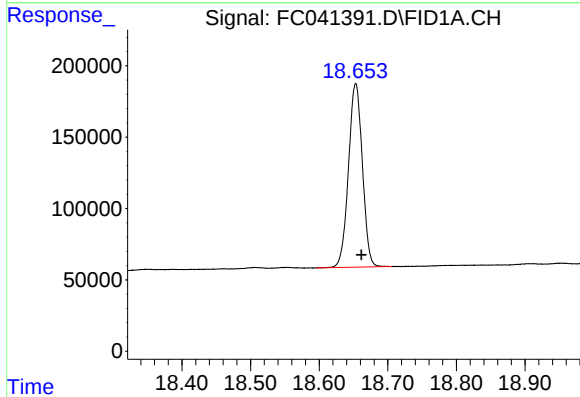
#16 n-Octacosane (C28)

R.T.: 16.938 min  
Delta R.T.: -0.007 min  
Response: 1964782  
Conc: 21.46 ug/ml



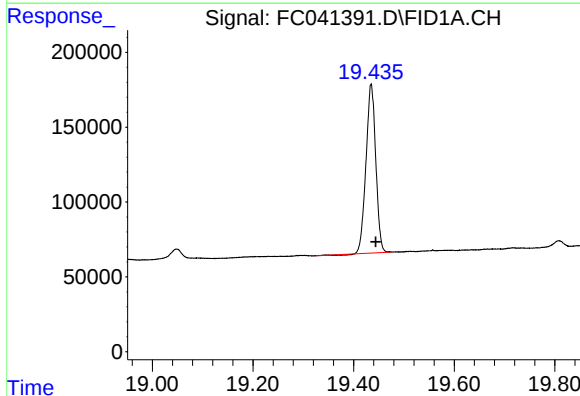
#17 n-Tricontane (C30)

R.T.: 17.824 min  
Delta R.T.: -0.007 min  
Response: 1941451  
Conc: 21.61 ug/ml



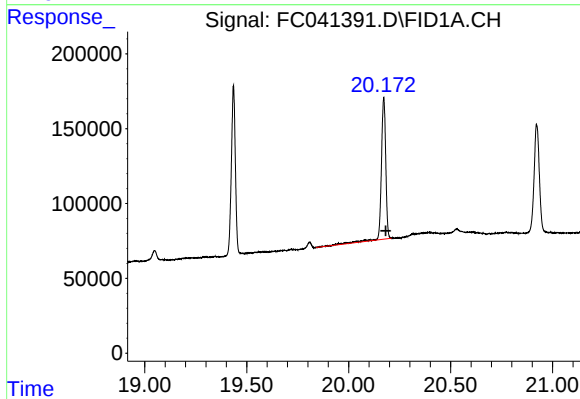
#18 n-Dotriacontane (C32)

R.T.: 18.653 min  
Delta R.T.: -0.008 min  
Response: 1811257  
Conc: 21.65 ug/ml



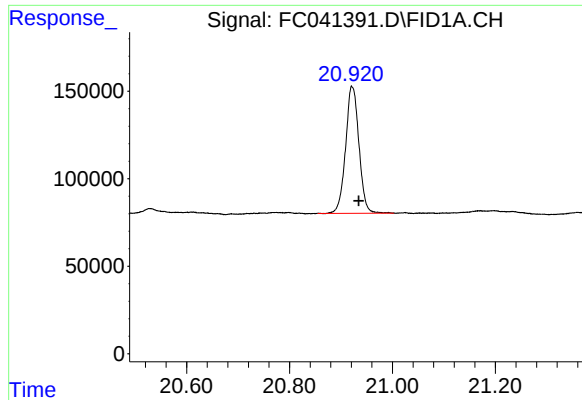
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min  
Delta R.T.: -0.009 min  
Response: 1513737  
Conc: 21.18 ug/ml



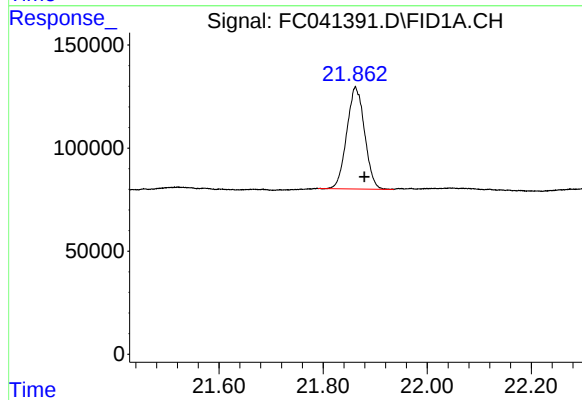
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min  
Delta R.T.: -0.010 min  
Response: 1438736  
Conc: 22.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.921 min  
Delta R.T.: -0.013 min  
Response: 1304201  
Conc: 21.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.862 min  
Delta R.T.: -0.018 min  
Response: 1173141  
Conc: 19.94 ug/ml