

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120419AL\  
 Data File : FC044815.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Dec 2019 22:46  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 05 00:58:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 112219.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 23 03:00:37 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)    | 11.758 | 2404862    | 21.105 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.21%       |
| 12) S 1-chlorooctadecane (S... | 13.184 | 1862086    | 21.028 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.06%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.502  | 2191141    | 21.553 ug/ml |
| 2) T n-Decane (C10)            | 4.576  | 2215425    | 21.815 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.177  | 2488297    | 21.779 ug/ml |
| 4) T n-Dodecane (C12)          | 6.597  | 2234586    | 21.964 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.233  | 2504465    | 21.841 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.389  | 2245828    | 22.033 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.988  | 2250859    | 21.937 ug/ml |
| 8) T n-Octadecane (C18)        | 11.429 | 2244272    | 21.675 ug/ml |
| 10) T n-Eicosane (C20)         | 12.736 | 2218077    | 21.263 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.349 | 2215994    | 21.008 ug/ml |
| 13) T n-Docosane (C22)         | 13.934 | 2185024    | 20.712 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.036 | 2147423    | 20.059 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.057 | 2098369    | 19.716 ug/ml |
| 16) T n-Octacosane (C28)       | 17.006 | 2045557    | 19.489 ug/ml |
| 17) T n-Tricontane (C30)       | 17.894 | 1937514    | 19.351 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.725 | 1626732    | 19.538 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.507 | 1364264    | 19.885 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.246 | 1228359    | 20.580 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.019 | 1112878    | 20.702 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.993 | 1104874    | 20.622 ug/ml |
| -----                          |        |            |              |

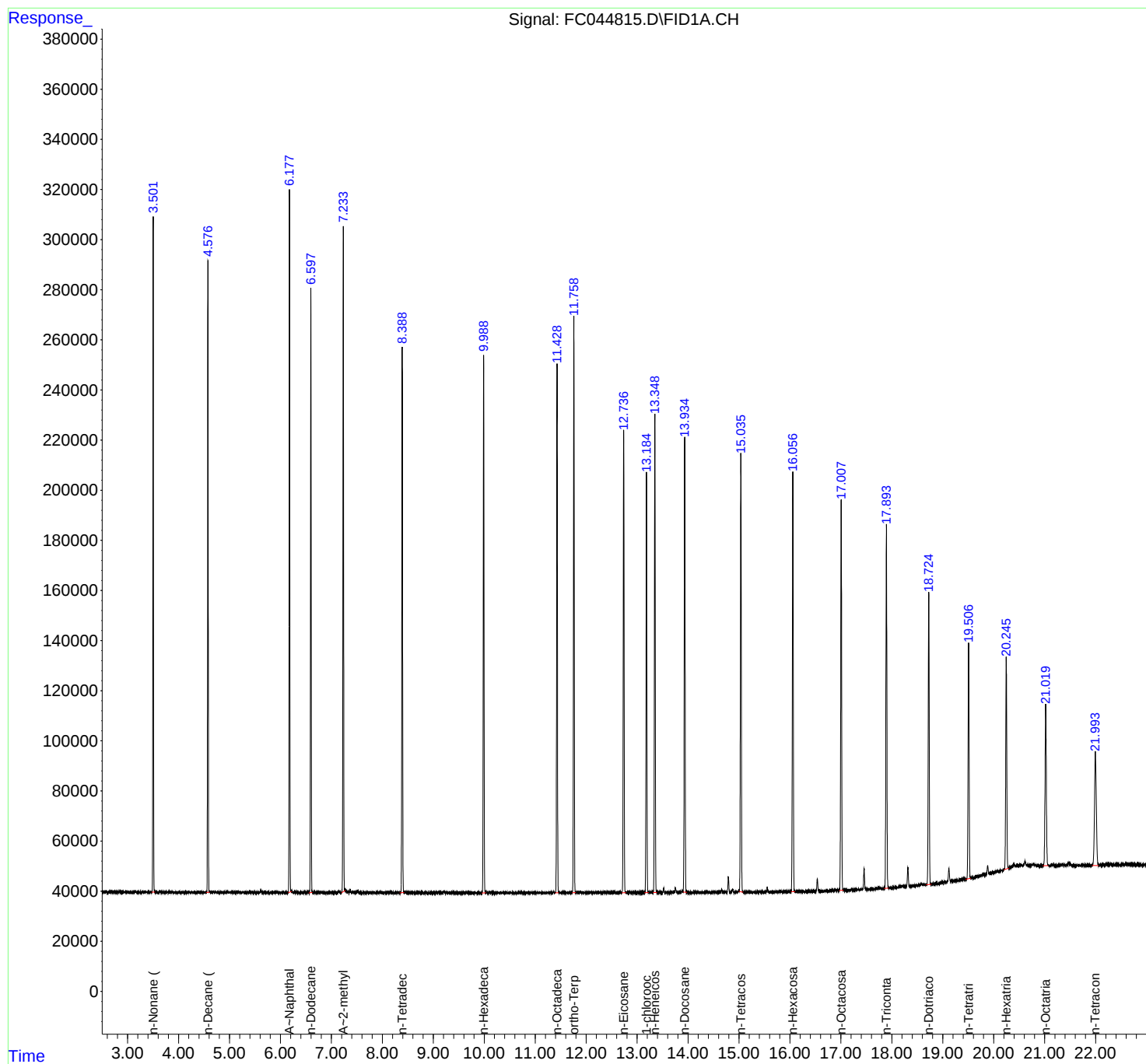
(f)=RT Delta > 1/2 Window

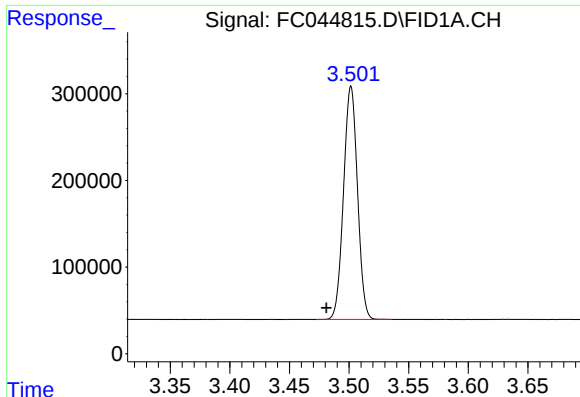
(m)=manual int.

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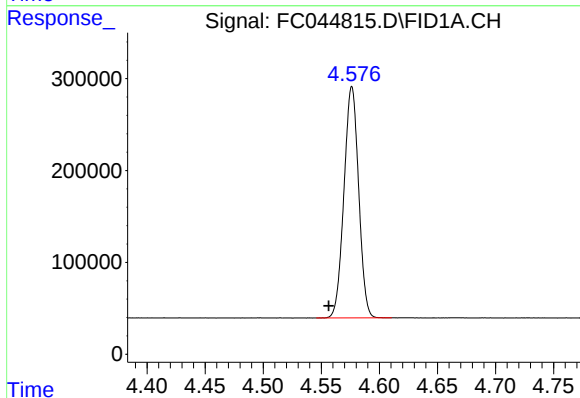
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





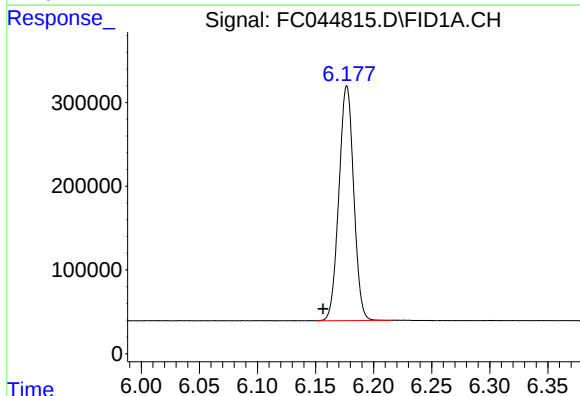
#1 n-Nonane (C9)

R.T.: 3.502 min  
Delta R.T.: 0.021 min  
Response: 2191141  
Conc: 21.55 ug/ml



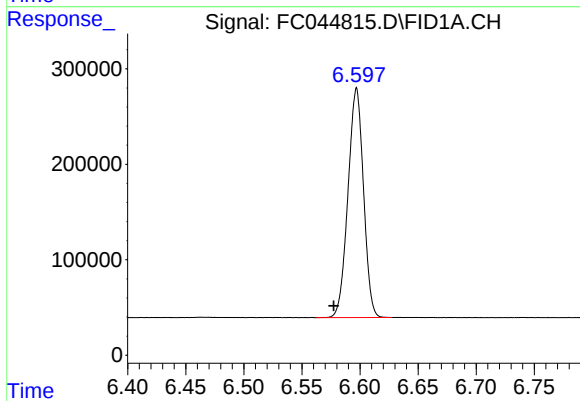
#2 n-Decane (C10)

R.T.: 4.576 min  
Delta R.T.: 0.020 min  
Response: 2215425  
Conc: 21.82 ug/ml



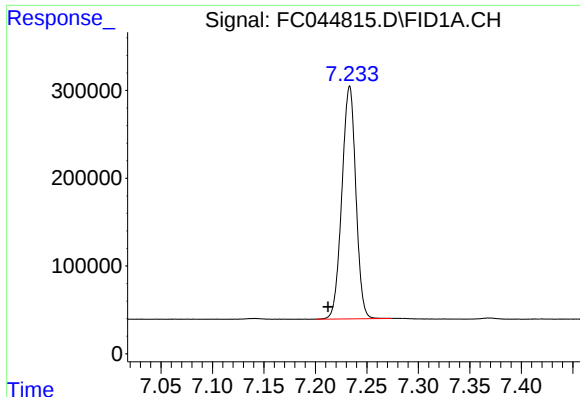
#3 A~Naphthalene (C11.7)

R.T.: 6.177 min  
Delta R.T.: 0.021 min  
Response: 2488297  
Conc: 21.78 ug/ml



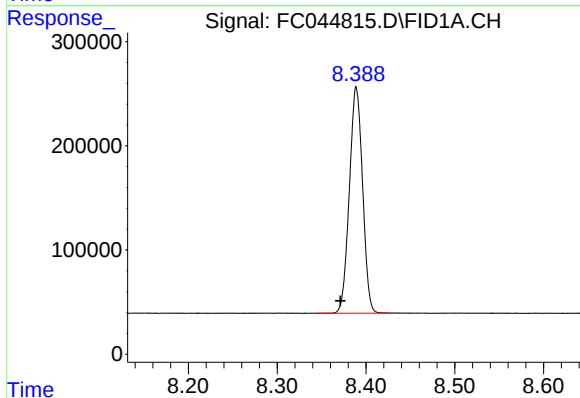
#4 n-Dodecane (C12)

R.T.: 6.597 min  
Delta R.T.: 0.020 min  
Response: 2234586  
Conc: 21.96 ug/ml



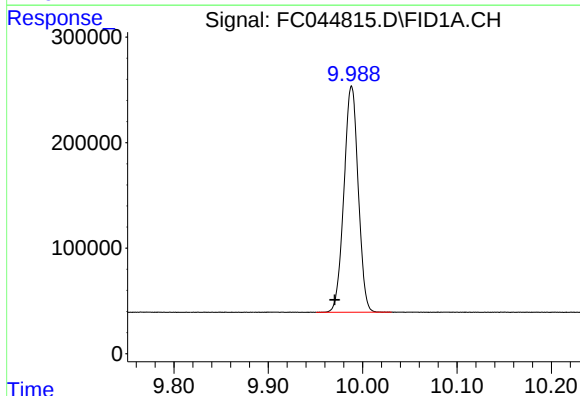
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.233 min  
Delta R.T.: 0.021 min  
Response: 2504465  
Conc: 21.84 ug/ml



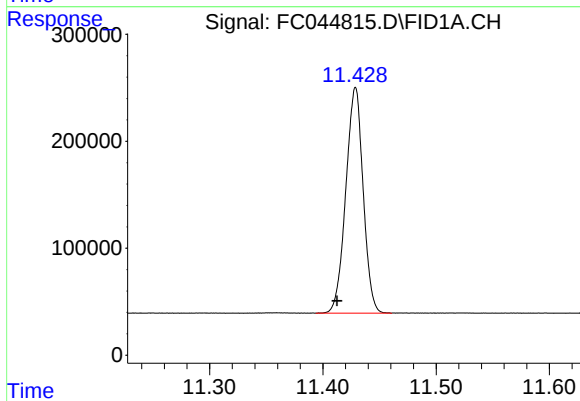
#6 n-Tetradecane (C14)

R.T.: 8.389 min  
Delta R.T.: 0.018 min  
Response: 2245828  
Conc: 22.03 ug/ml



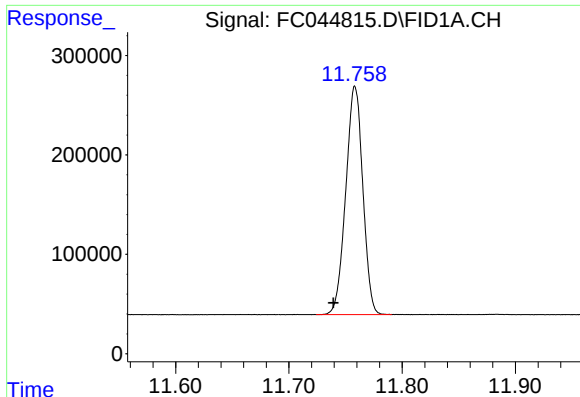
#7 n-Hexadecane (C16)

R.T.: 9.988 min  
Delta R.T.: 0.018 min  
Response: 2250859  
Conc: 21.94 ug/ml



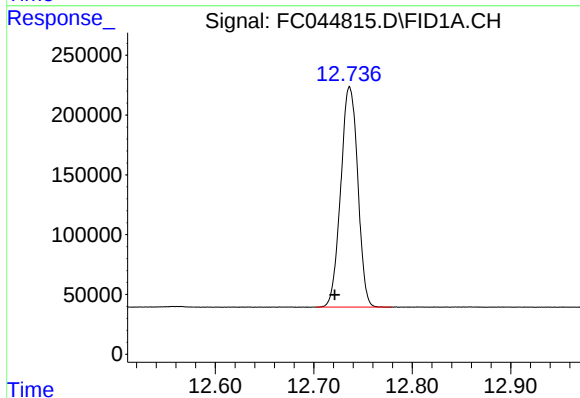
#8 n-Octadecane (C18)

R.T.: 11.429 min  
Delta R.T.: 0.016 min  
Response: 2244272  
Conc: 21.68 ug/ml



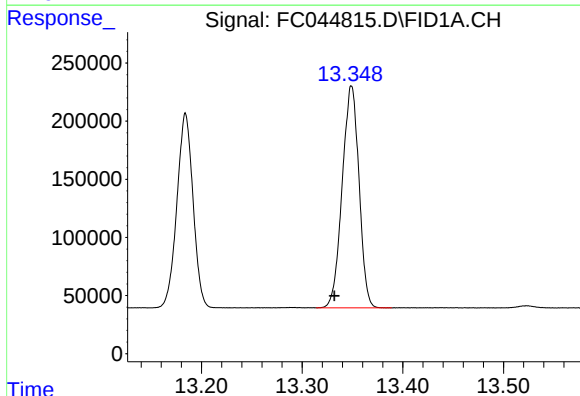
#9 ortho-Terphenyl (SURR)

R.T.: 11.758 min  
Delta R.T.: 0.019 min  
Response: 2404862  
Conc: 21.10 ug/ml



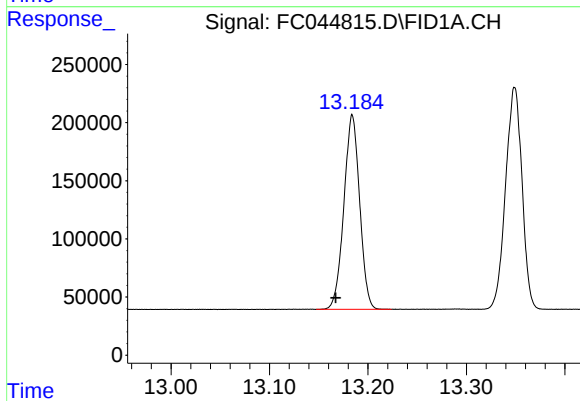
#10 n-Eicosane (C20)

R.T.: 12.736 min  
Delta R.T.: 0.015 min  
Response: 2218077  
Conc: 21.26 ug/ml



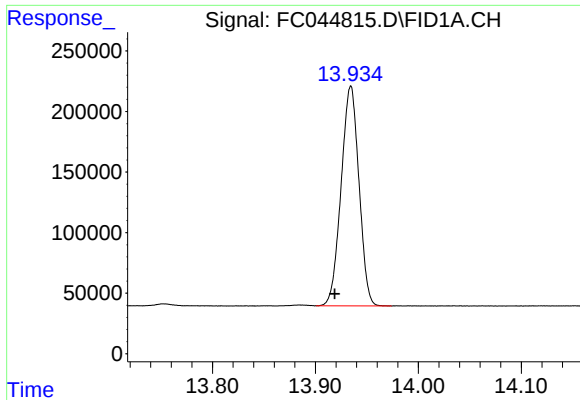
#11 n-Heneicosane (C21)

R.T.: 13.349 min  
Delta R.T.: 0.017 min  
Response: 2215994  
Conc: 21.01 ug/ml



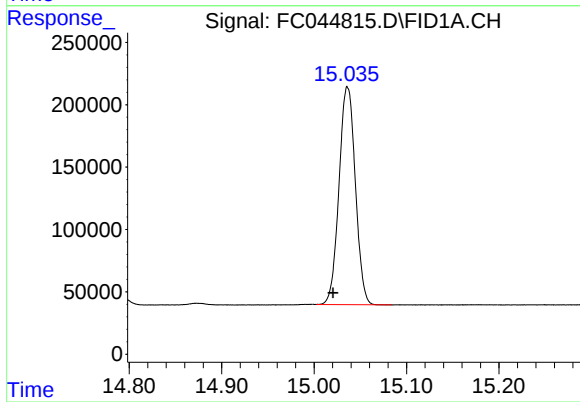
#12 1-chlorooctadecane (SURR)

R.T.: 13.184 min  
Delta R.T.: 0.017 min  
Response: 1862086  
Conc: 21.03 ug/ml



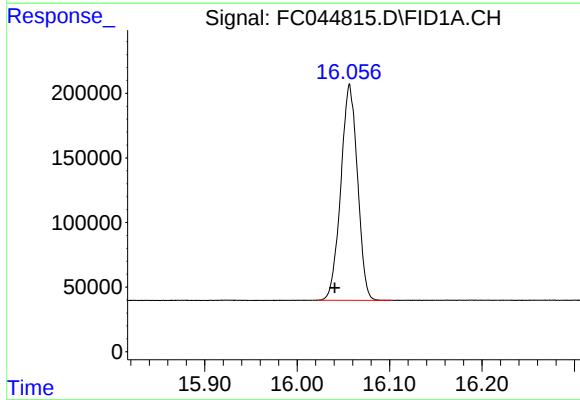
#13 n-Docosane (C22)

R.T.: 13.934 min  
Delta R.T.: 0.016 min  
Response: 2185024  
Conc: 20.71 ug/ml



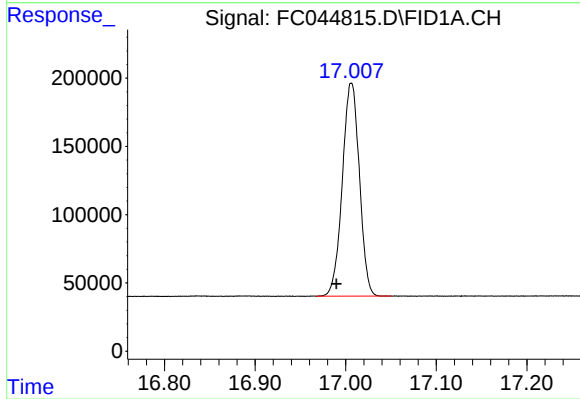
#14 n-Tetracosane (C24)

R.T.: 15.036 min  
Delta R.T.: 0.015 min  
Response: 2147423  
Conc: 20.06 ug/ml



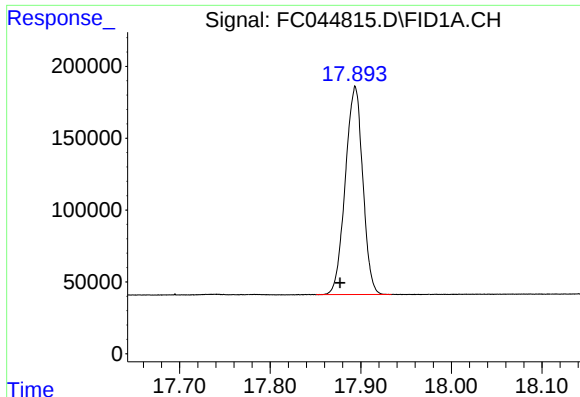
#15 n-Hexacosane (C26)

R.T.: 16.057 min  
Delta R.T.: 0.016 min  
Response: 2098369  
Conc: 19.72 ug/ml



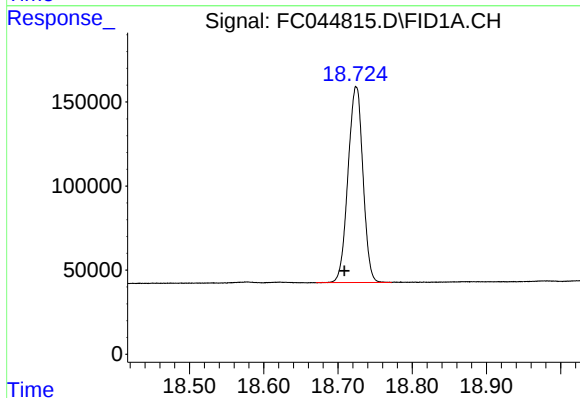
#16 n-Octacosane (C28)

R.T.: 17.006 min  
Delta R.T.: 0.017 min  
Response: 2045557  
Conc: 19.49 ug/ml



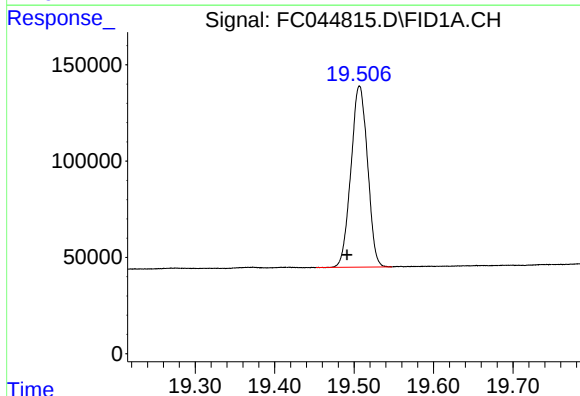
#17 n-Tricontane (C30)

R.T.: 17.894 min  
Delta R.T.: 0.017 min  
Response: 1937514  
Conc: 19.35 ug/ml



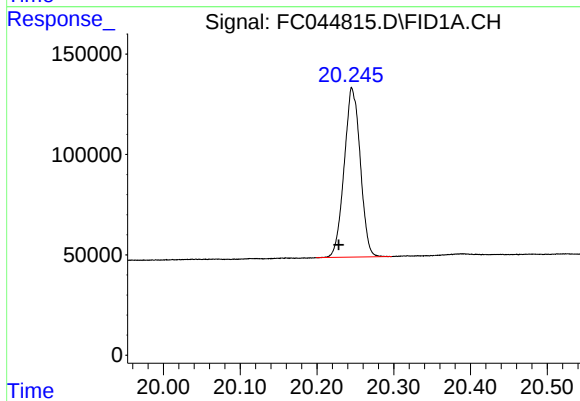
#18 n-Dotriacontane (C32)

R.T.: 18.725 min  
Delta R.T.: 0.016 min  
Response: 1626732  
Conc: 19.54 ug/ml



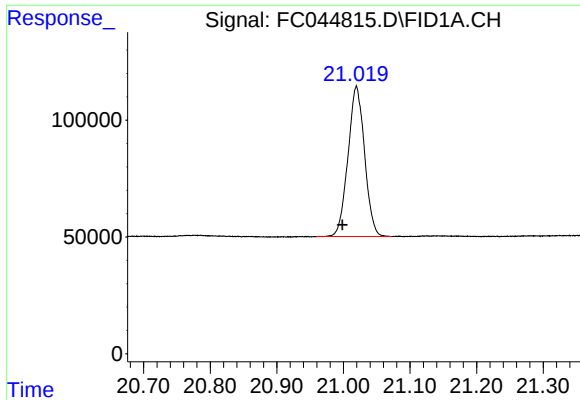
#19 n-Tetratriacontane (C34)

R.T.: 19.507 min  
Delta R.T.: 0.016 min  
Response: 1364264  
Conc: 19.88 ug/ml



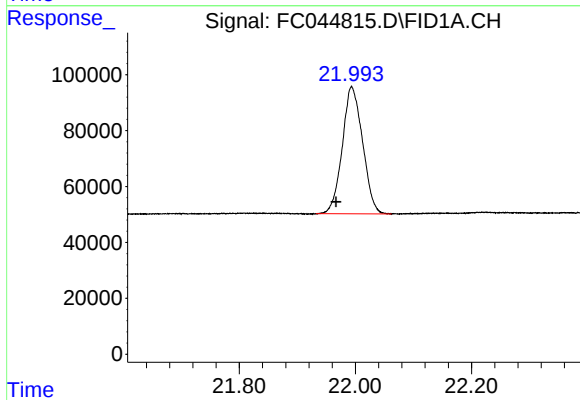
#20 n-Hexatriacontane (C36)

R.T.: 20.246 min  
Delta R.T.: 0.017 min  
Response: 1228359  
Conc: 20.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.019 min  
Delta R.T.: 0.021 min  
Response: 1112878  
Conc: 20.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.993 min  
Delta R.T.: 0.027 min  
Response: 1104874  
Conc: 20.62 ug/ml