

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101118AL\  
 Data File : FC036798.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Oct 2018 16:06  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 12 01:14:38 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Aliphatic EPH 092118.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 10 12:23:17 2018  
 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)    | 11.372 | 2506715    | 20.617 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.23%       |
| 12) S 1-chlorooctadecane (S... | 12.812 | 1829261    | 19.427 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.85%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.184  | 1897529    | 21.294 ug/ml |
| 2) T n-Decane (C10)            | 4.248  | 1938045    | 21.558 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.817  | 2312202    | 23.068 ug/ml |
| 4) T n-Dodecane (C12)          | 6.259  | 2014134    | 21.612 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.867  | 2337196    | 23.247 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.043  | 2055721    | 21.016 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.635  | 2082979    | 20.268 ug/ml |
| 8) T n-Octadecane (C18)        | 11.070 | 2111837    | 19.446 ug/ml |
| 10) T n-Eicosane (C20)         | 12.373 | 2129625    | 19.252 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.983 | 2118705    | 19.278 ug/ml |
| 13) T n-Docosane (C22)         | 13.567 | 2115705    | 19.377 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.664 | 2123965    | 19.454 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.682 | 2122182    | 19.645 ug/ml |
| 16) T n-Octacosane (C28)       | 16.629 | 2139262    | 19.389 ug/ml |
| 17) T n-Tricontane (C30)       | 17.514 | 2175683    | 18.698 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.344 | 2228836    | 19.113 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.125 | 2161506    | 19.289 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.862 | 2125271    | 20.072 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.571 | 2012489    | 19.039 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.407 | 2030466    | 18.911 ug/ml |
| -----                          |        |            |              |

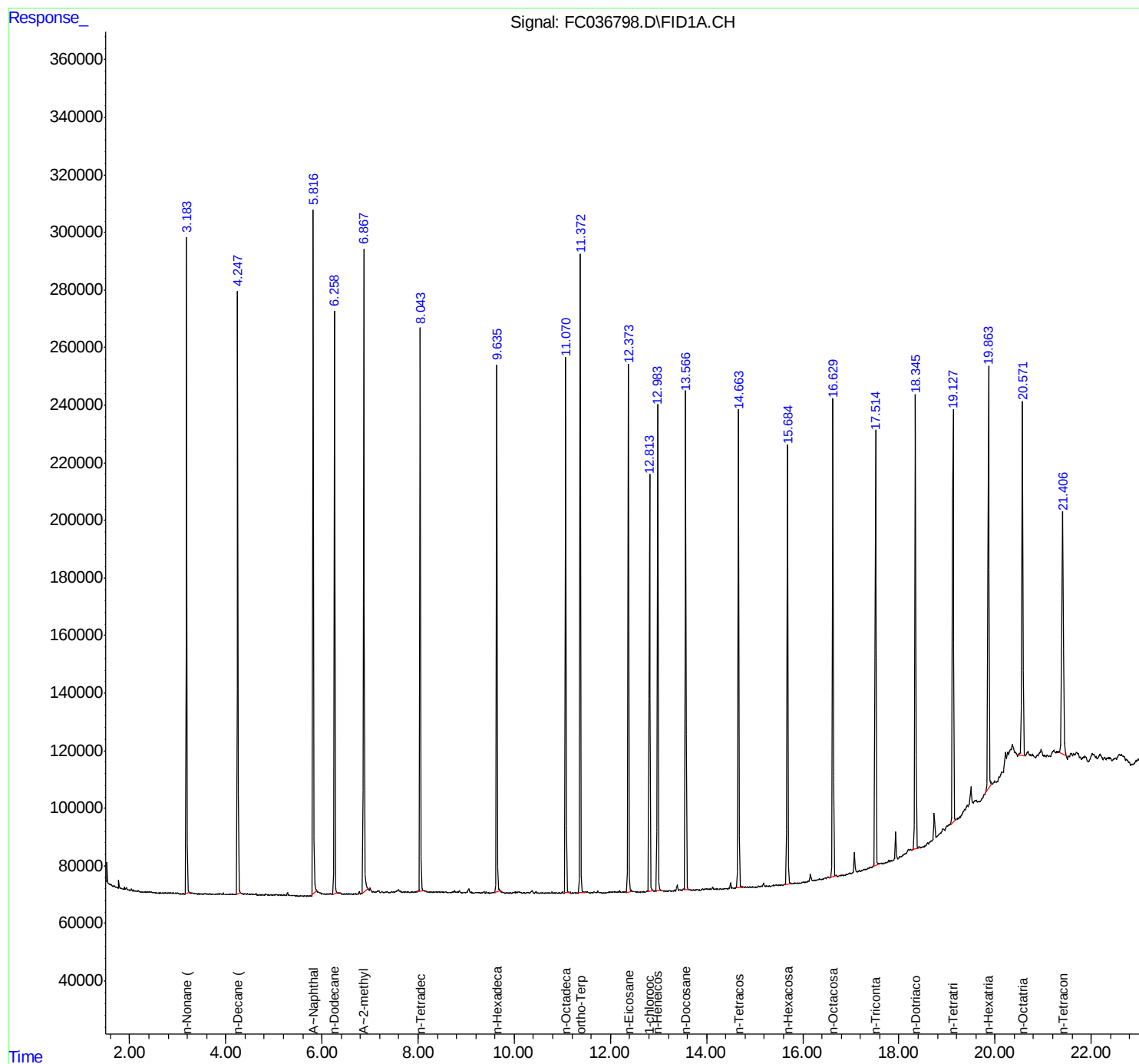
(f)=RT Delta > 1/2 Window

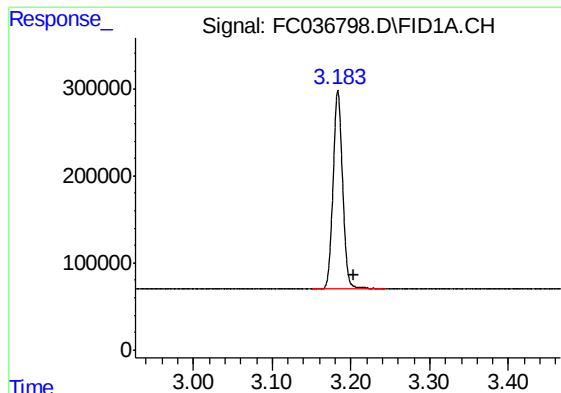
(m)=manual int.

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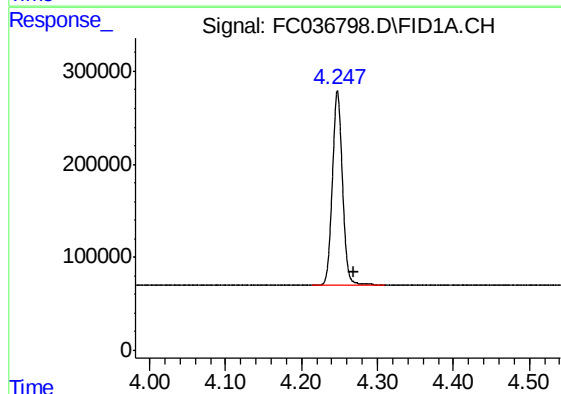
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





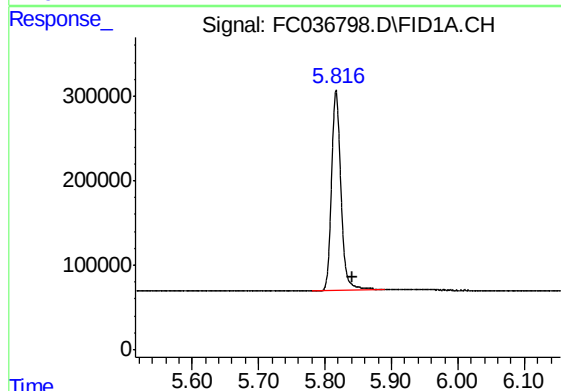
#1 n-Nonane (C9)

R.T.: 3.184 min  
Delta R.T.: -0.019 min  
Response: 1897529  
Conc: 21.29 ug/ml



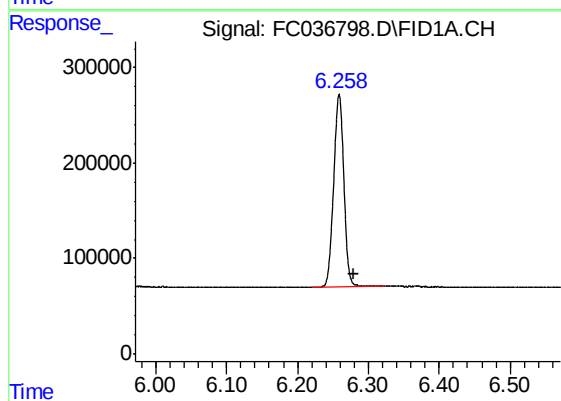
#2 n-Decane (C10)

R.T.: 4.248 min  
Delta R.T.: -0.021 min  
Response: 1938045  
Conc: 21.56 ug/ml



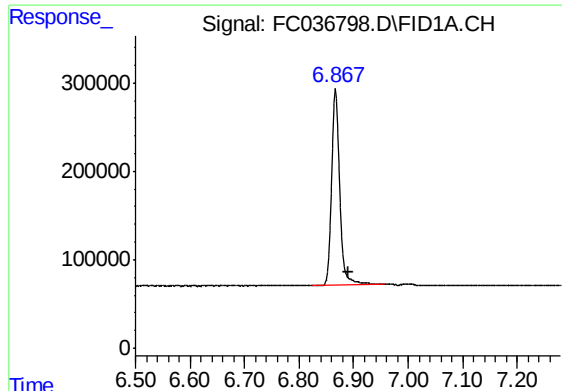
#3 A~Naphthalene (C11.7)

R.T.: 5.817 min  
Delta R.T.: -0.025 min  
Response: 2312202  
Conc: 23.07 ug/ml



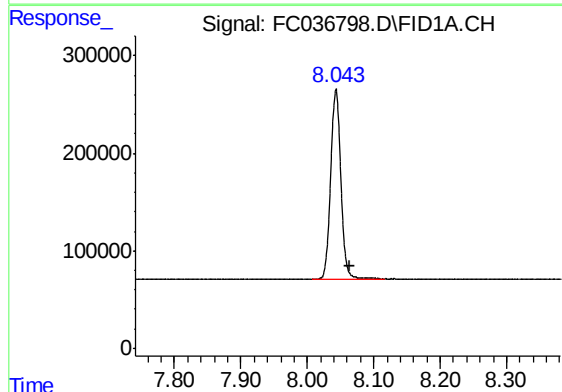
#4 n-Dodecane (C12)

R.T.: 6.259 min  
Delta R.T.: -0.021 min  
Response: 2014134  
Conc: 21.61 ug/ml



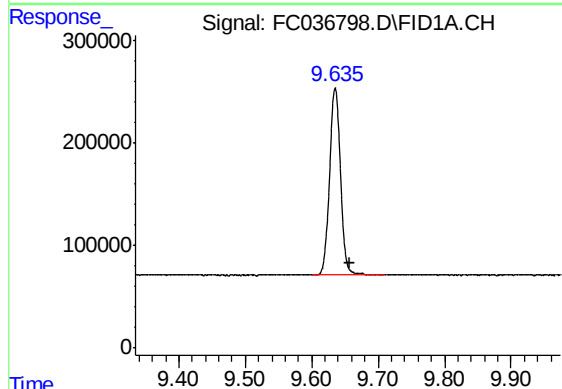
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.867 min  
Delta R.T.: -0.024 min  
Response: 2337196  
Conc: 23.25 ug/ml



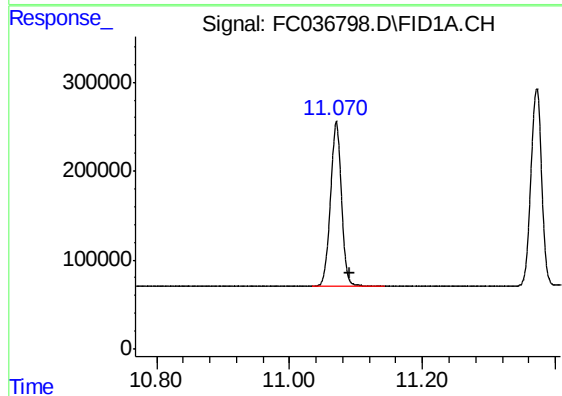
#6 n-Tetradecane (C14)

R.T.: 8.043 min  
Delta R.T.: -0.022 min  
Response: 2055721  
Conc: 21.02 ug/ml



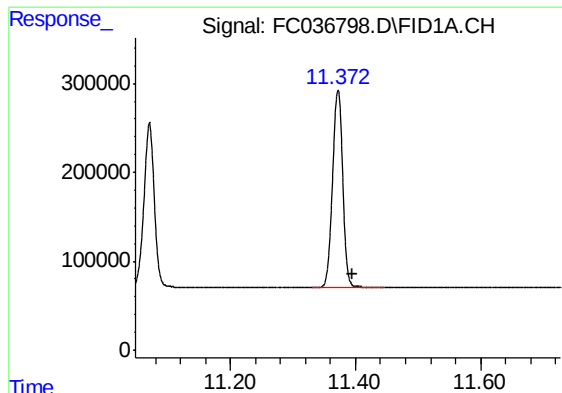
#7 n-Hexadecane (C16)

R.T.: 9.635 min  
Delta R.T.: -0.022 min  
Response: 2082979  
Conc: 20.27 ug/ml



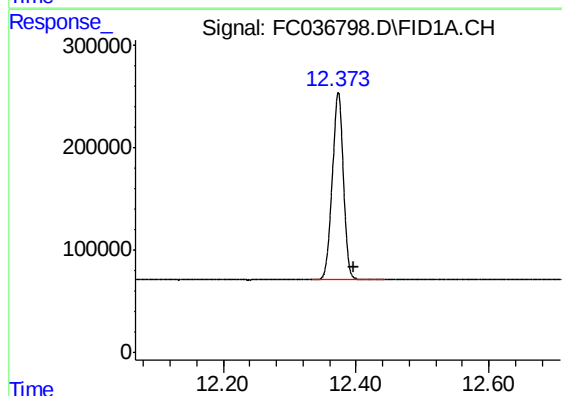
#8 n-Octadecane (C18)

R.T.: 11.070 min  
Delta R.T.: -0.021 min  
Response: 2111837  
Conc: 19.45 ug/ml



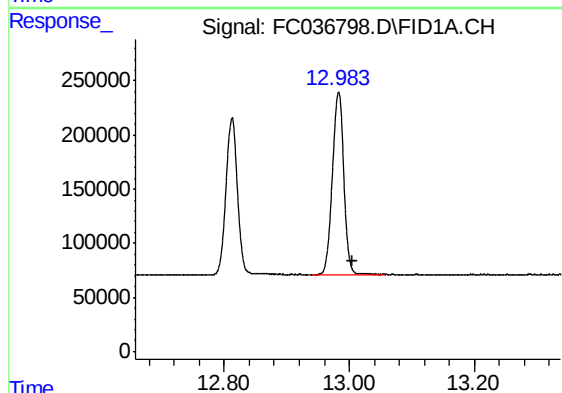
#9 ortho-Terphenyl (SURR)

R.T.: 11.372 min  
Delta R.T.: -0.023 min  
Response: 2506715  
Conc: 20.62 ug/ml



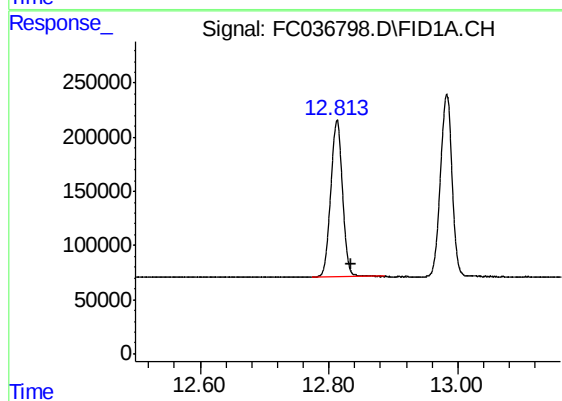
#10 n-Eicosane (C20)

R.T.: 12.373 min  
Delta R.T.: -0.023 min  
Response: 2129625  
Conc: 19.25 ug/ml



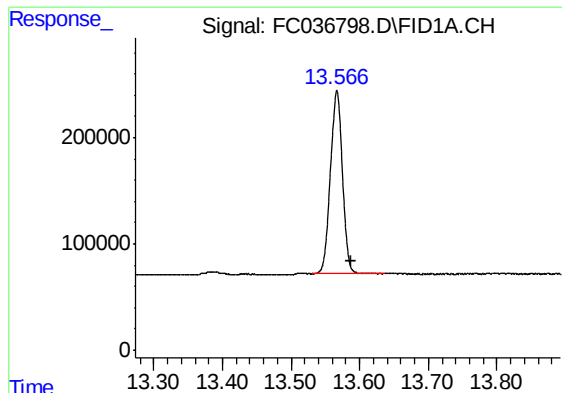
#11 n-Heneicosane (C21)

R.T.: 12.983 min  
Delta R.T.: -0.022 min  
Response: 2118705  
Conc: 19.28 ug/ml



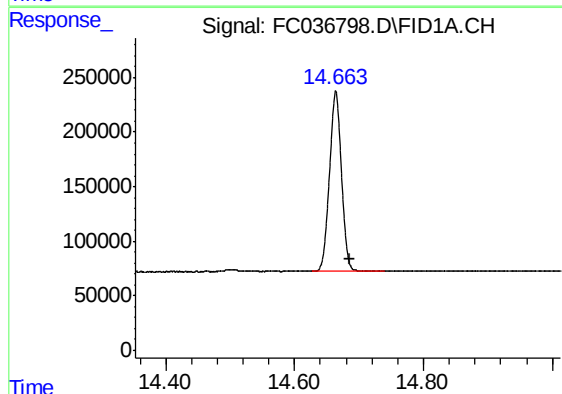
#12 1-chlorooctadecane (SURR)

R.T.: 12.812 min  
Delta R.T.: -0.023 min  
Response: 1829261  
Conc: 19.43 ug/ml



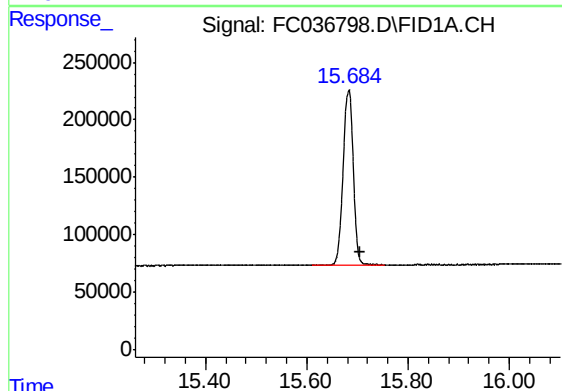
#13 n-Docosane (C22)

R.T.: 13.567 min  
Delta R.T.: -0.022 min  
Response: 2115705  
Conc: 19.38 ug/ml



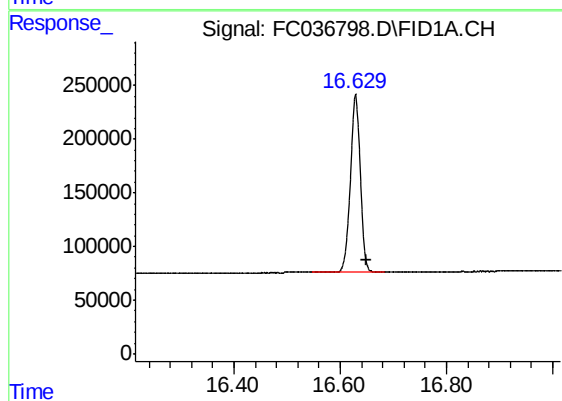
#14 n-Tetracosane (C24)

R.T.: 14.664 min  
Delta R.T.: -0.023 min  
Response: 2123965  
Conc: 19.45 ug/ml



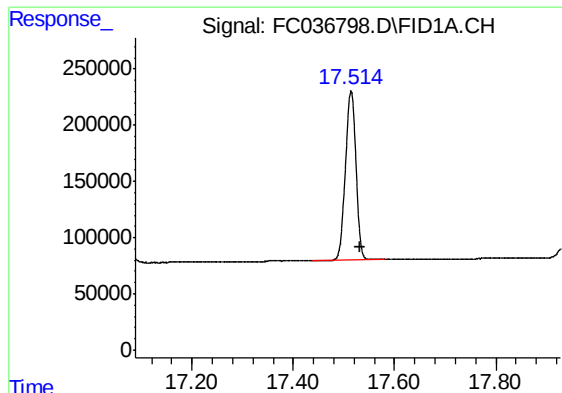
#15 n-Hexacosane (C26)

R.T.: 15.682 min  
Delta R.T.: -0.022 min  
Response: 2122182  
Conc: 19.64 ug/ml



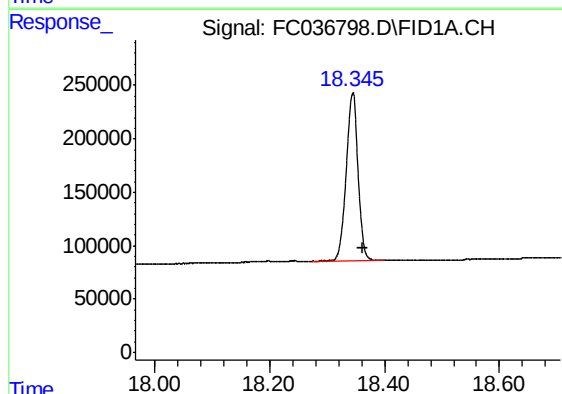
#16 n-Octacosane (C28)

R.T.: 16.629 min  
Delta R.T.: -0.020 min  
Response: 2139262  
Conc: 19.39 ug/ml



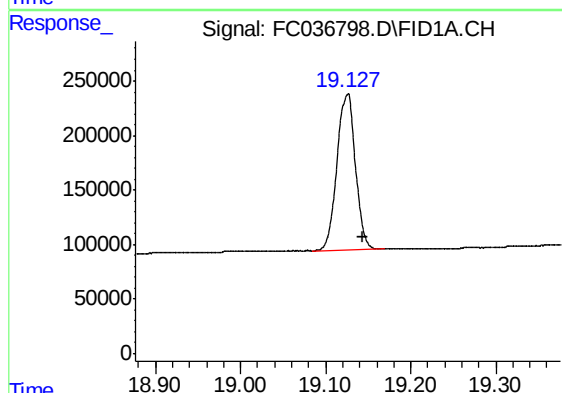
#17 n-Tricontane (C30)

R.T.: 17.514 min  
Delta R.T.: -0.018 min  
Response: 2175683  
Conc: 18.70 ug/ml



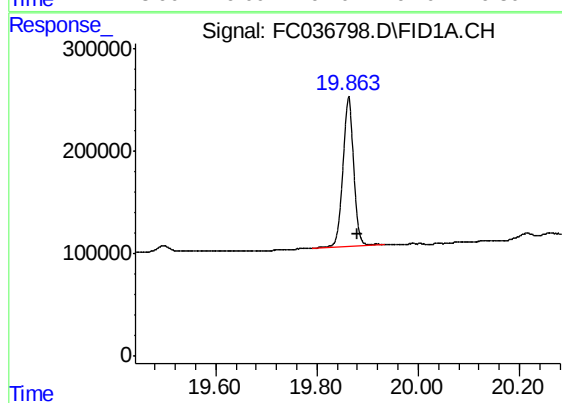
#18 n-Dotriacontane (C32)

R.T.: 18.344 min  
Delta R.T.: -0.018 min  
Response: 2228836  
Conc: 19.11 ug/ml



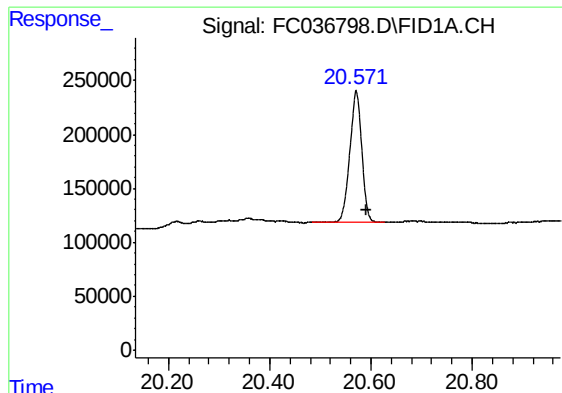
#19 n-Tetatriacontane (C34)

R.T.: 19.125 min  
Delta R.T.: -0.019 min  
Response: 2161506  
Conc: 19.29 ug/ml



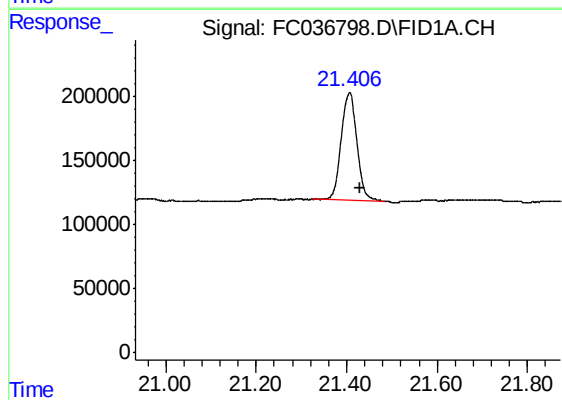
#20 n-Hexatriacontane (C36)

R.T.: 19.862 min  
Delta R.T.: -0.018 min  
Response: 2125271  
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.571 min  
Delta R.T.: -0.019 min  
Response: 2012489  
Conc: 19.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.407 min  
Delta R.T.: -0.024 min  
Response: 2030466  
Conc: 18.91 ug/ml