

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121520AL\  
 Data File : FC051295.D  
 Signal(s) : FID1A.CH  
 Acq On : 15 Dec 2020 9:52  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 16 01:08:38 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 112720.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 30 10:42:25 2020  
 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)    | 11.578 | 2225864    | 18.090 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.18%       |
| 12) S 1-chlorooctadecane (S... | 13.012 | 1716419    | 17.595 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.19%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.336  | 2178608    | 20.472 ug/ml |
| 2) T n-Decane (C10)            | 4.404  | 2225373    | 20.953 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.996  | 2303805    | 20.492 ug/ml |
| 4) T n-Dodecane (C12)          | 6.422  | 2247436    | 20.655 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.053  | 2279077    | 20.166 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.217  | 2215342    | 20.474 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.818  | 2135330    | 19.898 ug/ml |
| 8) T n-Octadecane (C18)        | 11.258 | 2173011    | 19.052 ug/ml |
| 10) T n-Eicosane (C20)         | 12.567 | 2111682    | 18.177 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.178 | 2064313    | 17.817 ug/ml |
| 13) T n-Docosane (C22)         | 13.764 | 2052039    | 17.717 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.865 | 1990600    | 17.308 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.885 | 1968162    | 17.480 ug/ml |
| 16) T n-Octacosane (C28)       | 16.833 | 1992654    | 17.996 ug/ml |
| 17) T n-Tricontane (C30)       | 17.720 | 2039288    | 19.198 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.550 | 1976157    | 20.225 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.333 | 1834561    | 20.555 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.070 | 1873072    | 22.458 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.807 | 1727612    | 22.184 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.717 | 1594970    | 19.263 ug/ml |
| -----                          |        |            |              |

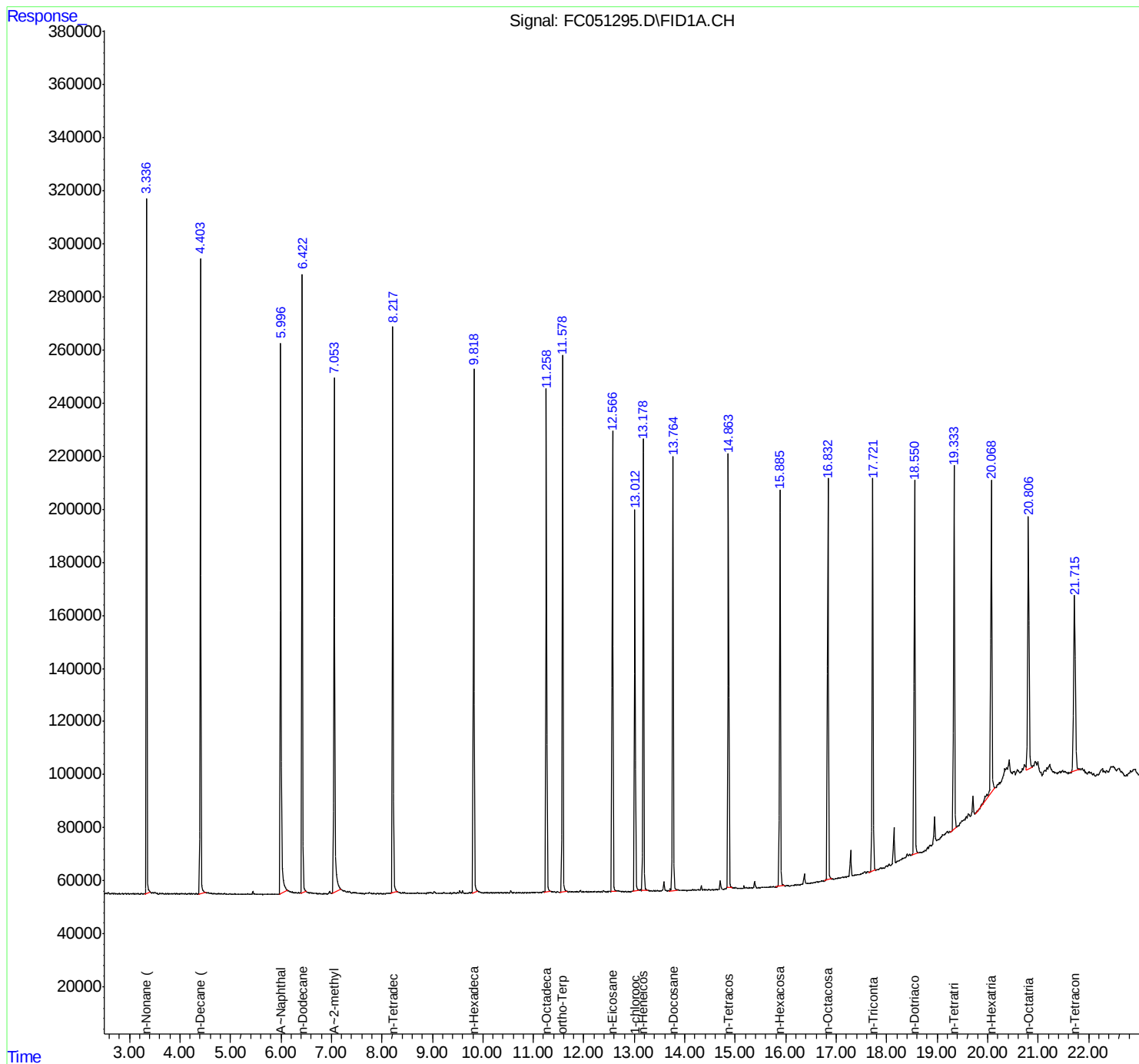
(f)=RT Delta > 1/2 Window

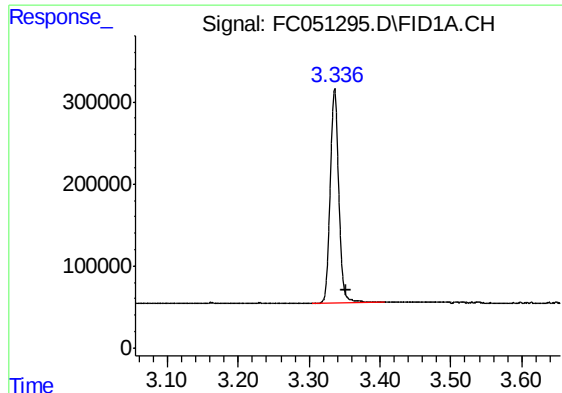
(m)=manual int.

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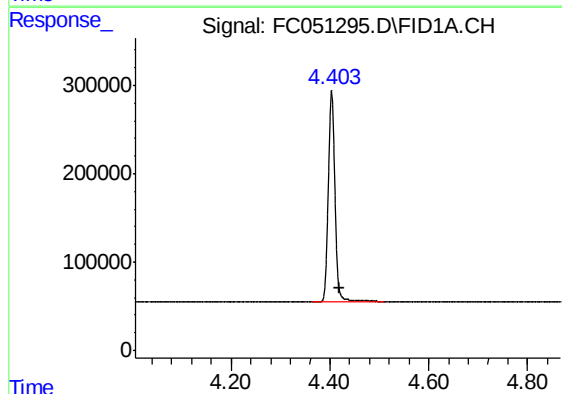
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





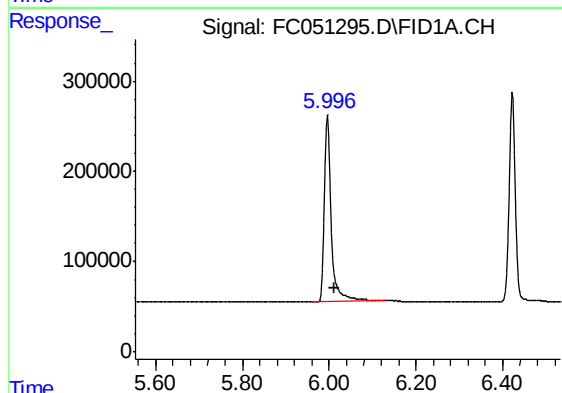
#1 n-Nonane (C9)

R.T.: 3.336 min  
Delta R.T.: -0.016 min  
Response: 2178608  
Conc: 20.47 ug/ml



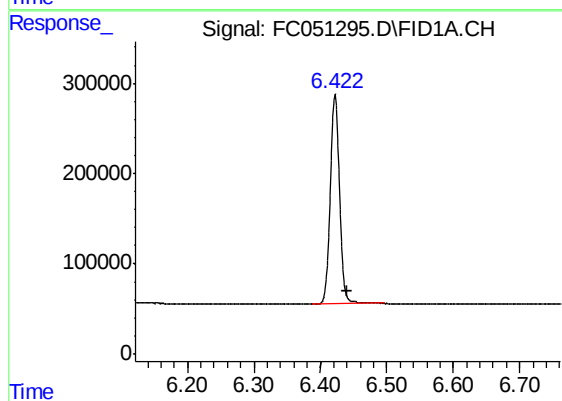
#2 n-Decane (C10)

R.T.: 4.404 min  
Delta R.T.: -0.017 min  
Response: 2225373  
Conc: 20.95 ug/ml



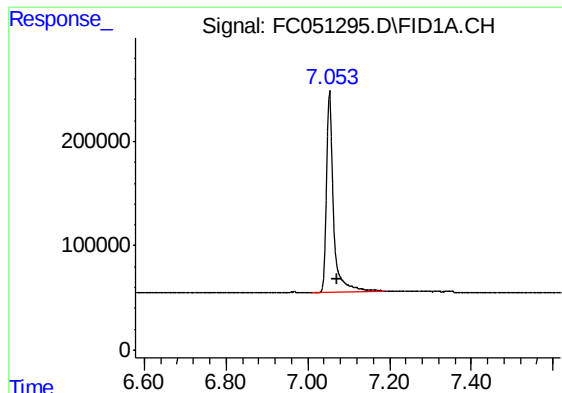
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min  
Delta R.T.: -0.018 min  
Response: 2303805  
Conc: 20.49 ug/ml



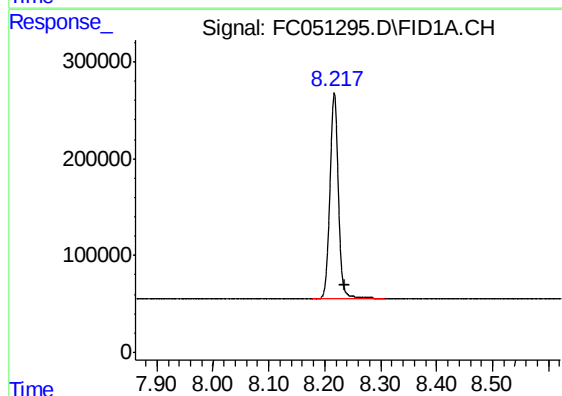
#4 n-Dodecane (C12)

R.T.: 6.422 min  
Delta R.T.: -0.018 min  
Response: 2247436  
Conc: 20.66 ug/ml



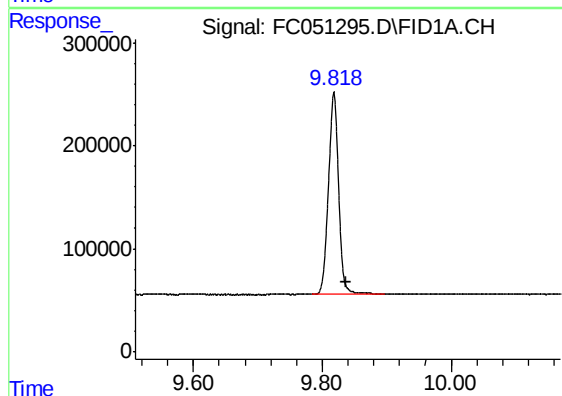
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.053 min  
Delta R.T.: -0.018 min  
Response: 2279077  
Conc: 20.17 ug/ml



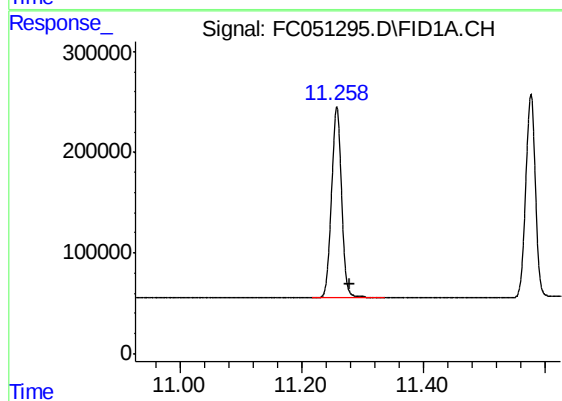
#6 n-Tetradecane (C14)

R.T.: 8.217 min  
Delta R.T.: -0.019 min  
Response: 2215342  
Conc: 20.47 ug/ml



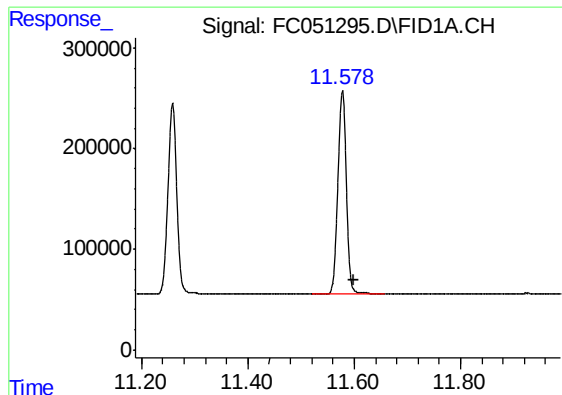
#7 n-Hexadecane (C16)

R.T.: 9.818 min  
Delta R.T.: -0.019 min  
Response: 2135330  
Conc: 19.90 ug/ml



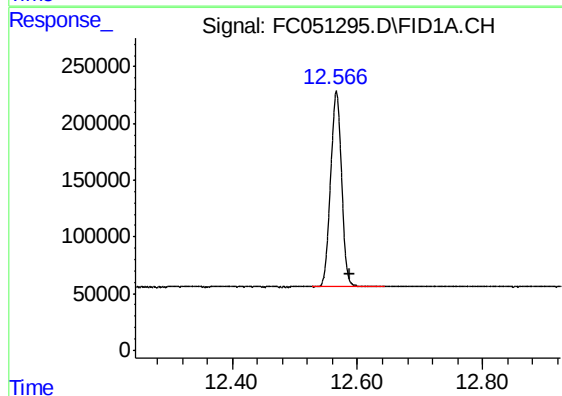
#8 n-Octadecane (C18)

R.T.: 11.258 min  
Delta R.T.: -0.021 min  
Response: 2173011  
Conc: 19.05 ug/ml



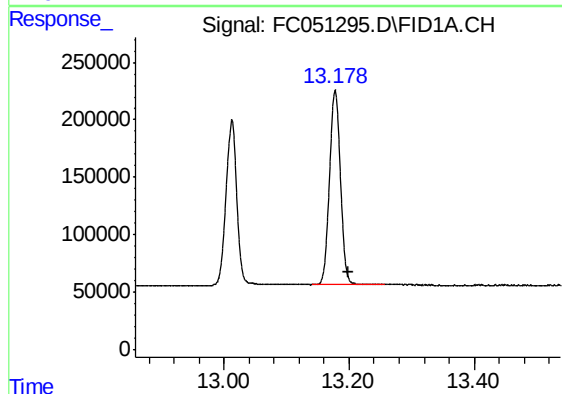
#9 ortho-Terphenyl (SURR)

R.T.: 11.578 min  
Delta R.T.: -0.022 min  
Response: 2225864  
Conc: 18.09 ug/ml



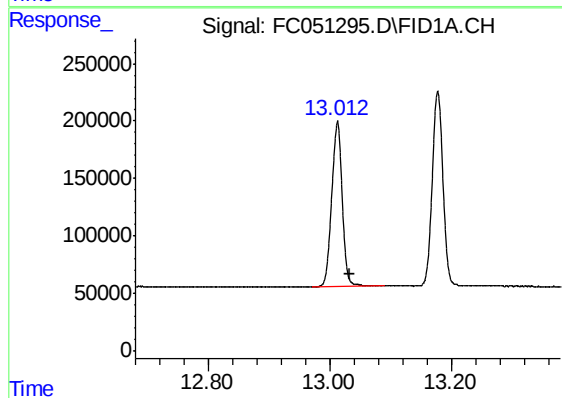
#10 n-Eicosane (C20)

R.T.: 12.567 min  
Delta R.T.: -0.022 min  
Response: 2111682  
Conc: 18.18 ug/ml



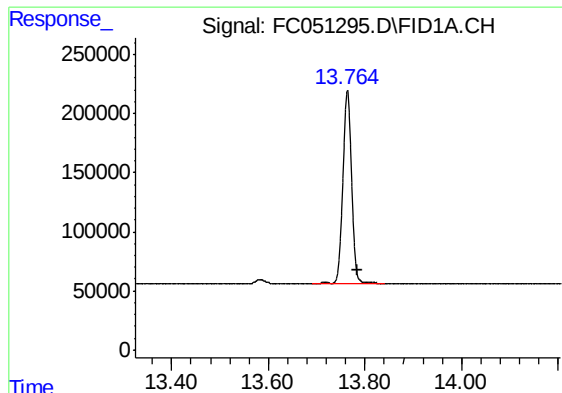
#11 n-Heneicosane (C21)

R.T.: 13.178 min  
Delta R.T.: -0.022 min  
Response: 2064313  
Conc: 17.82 ug/ml



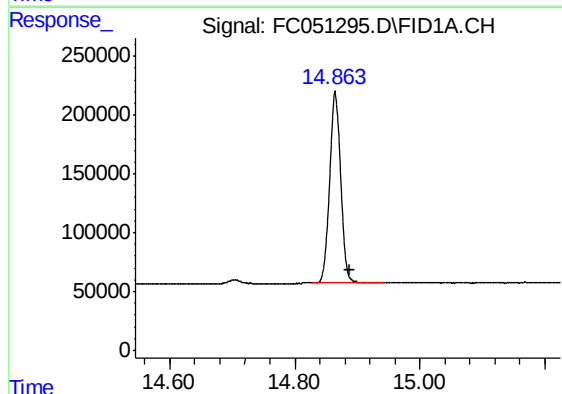
#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min  
Delta R.T.: -0.021 min  
Response: 1716419  
Conc: 17.59 ug/ml



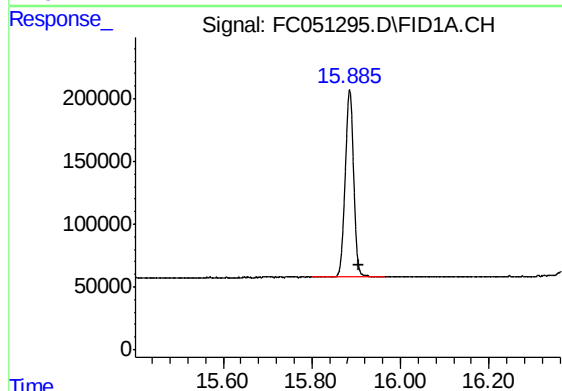
#13 n-Docosane (C22)

R.T.: 13.764 min  
Delta R.T.: -0.022 min  
Response: 2052039  
Conc: 17.72 ug/ml



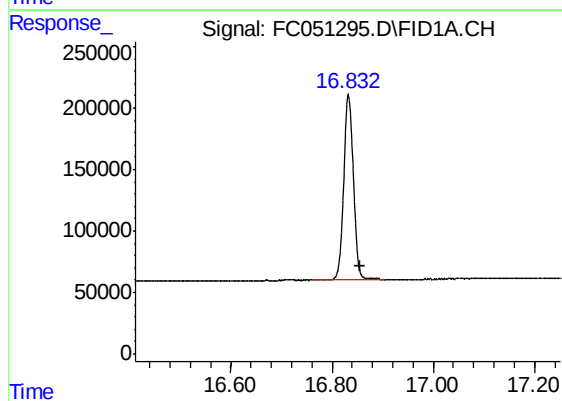
#14 n-Tetracosane (C24)

R.T.: 14.865 min  
Delta R.T.: -0.023 min  
Response: 1990600  
Conc: 17.31 ug/ml



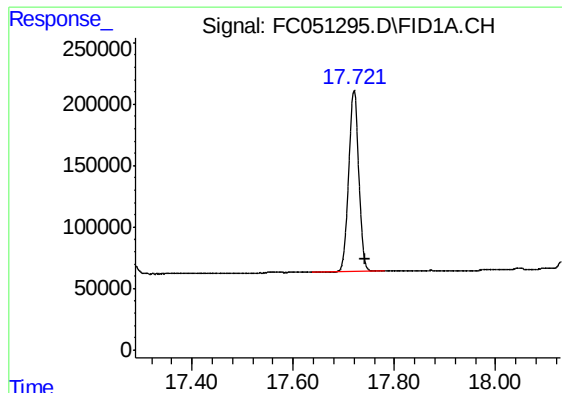
#15 n-Hexacosane (C26)

R.T.: 15.885 min  
Delta R.T.: -0.022 min  
Response: 1968162  
Conc: 17.48 ug/ml



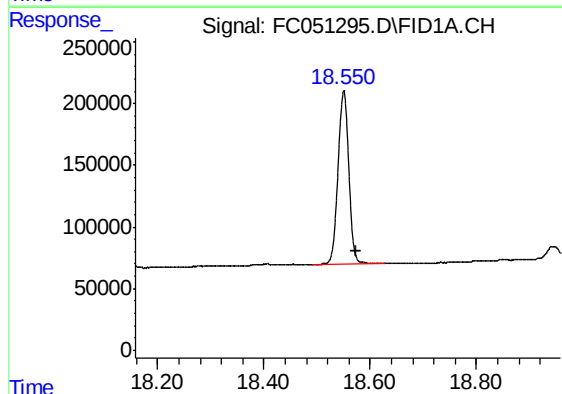
#16 n-Octacosane (C28)

R.T.: 16.833 min  
Delta R.T.: -0.023 min  
Response: 1992654  
Conc: 18.00 ug/ml



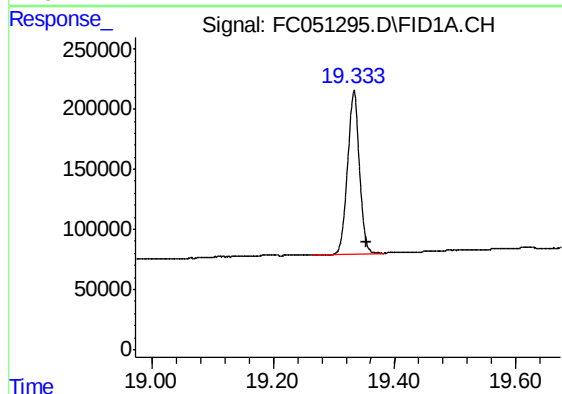
#17 n-Tricontane (C30)

R.T.: 17.720 min  
Delta R.T.: -0.022 min  
Response: 2039288  
Conc: 19.20 ug/ml



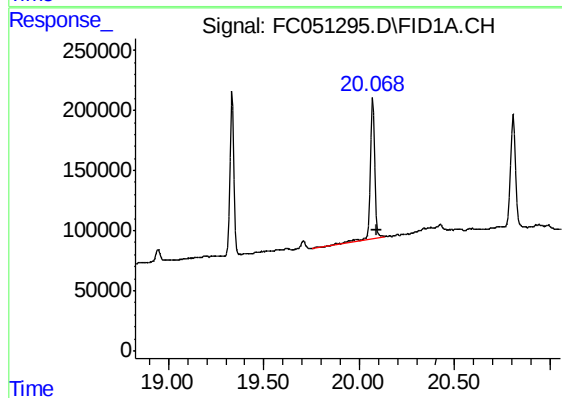
#18 n-Dotriacontane (C32)

R.T.: 18.550 min  
Delta R.T.: -0.022 min  
Response: 1976157  
Conc: 20.22 ug/ml



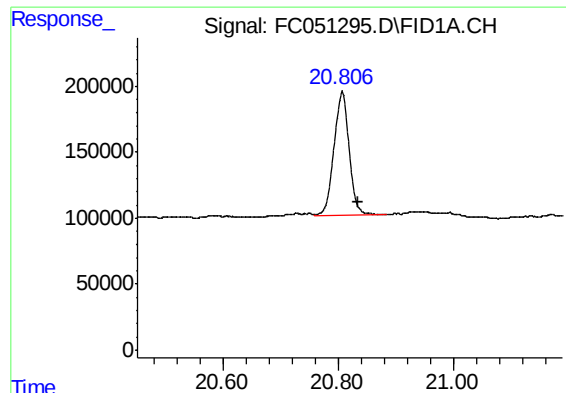
#19 n-Tetatriacontane (C34)

R.T.: 19.333 min  
Delta R.T.: -0.021 min  
Response: 1834561  
Conc: 20.56 ug/ml



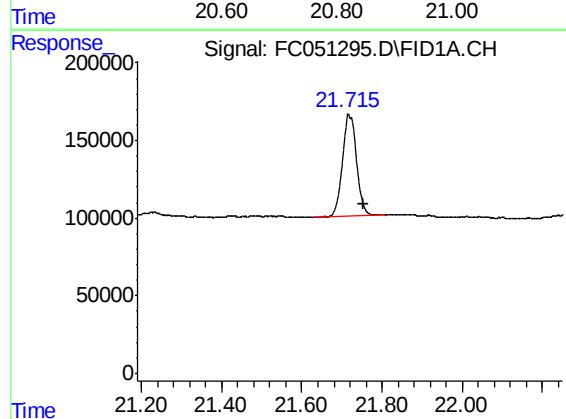
#20 n-Hexatriacontane (C36)

R.T.: 20.070 min  
Delta R.T.: -0.024 min  
Response: 1873072  
Conc: 22.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.807 min  
Delta R.T.: -0.027 min  
Response: 1727612  
Conc: 22.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.717 min  
Delta R.T.: -0.036 min  
Response: 1594970  
Conc: 19.26 ug/ml