

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120619AL\  
 Data File : FC044818.D  
 Signal(s) : FID1A.CH  
 Acq On : 06 Dec 2019 10:37  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Dec 07 00:03:25 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)    | 11.754 | 2333603    | 20.479 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.96%       |
| 12) S 1-chlorooctadecane (S... | 13.179 | 1798703    | 20.312 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.62%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.500  | 2150542    | 21.153 ug/ml |
| 2) T n-Decane (C10)            | 4.574  | 2156656    | 21.237 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.173  | 2422831    | 21.206 ug/ml |
| 4) T n-Dodecane (C12)          | 6.593  | 2171583    | 21.344 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.229  | 2432110    | 21.210 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.385  | 2180593    | 21.393 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.985  | 2188783    | 21.332 ug/ml |
| 8) T n-Octadecane (C18)        | 11.424 | 2180033    | 21.055 ug/ml |
| 10) T n-Eicosane (C20)         | 12.732 | 2152001    | 20.629 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.343 | 2147148    | 20.355 ug/ml |
| 13) T n-Docosane (C22)         | 13.929 | 2117221    | 20.070 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.031 | 2069244    | 19.328 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.050 | 1989318    | 18.692 ug/ml |
| 16) T n-Octacosane (C28)       | 16.999 | 1907516    | 18.174 ug/ml |
| 17) T n-Tricontane (C30)       | 17.886 | 1802857    | 18.006 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.718 | 1521113    | 18.269 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.501 | 1303340    | 18.997 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.238 | 1193016    | 19.987 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.011 | 1115170    | 20.744 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.978 | 1142939    | 21.333 ug/ml |
| -----                          |        |            |              |

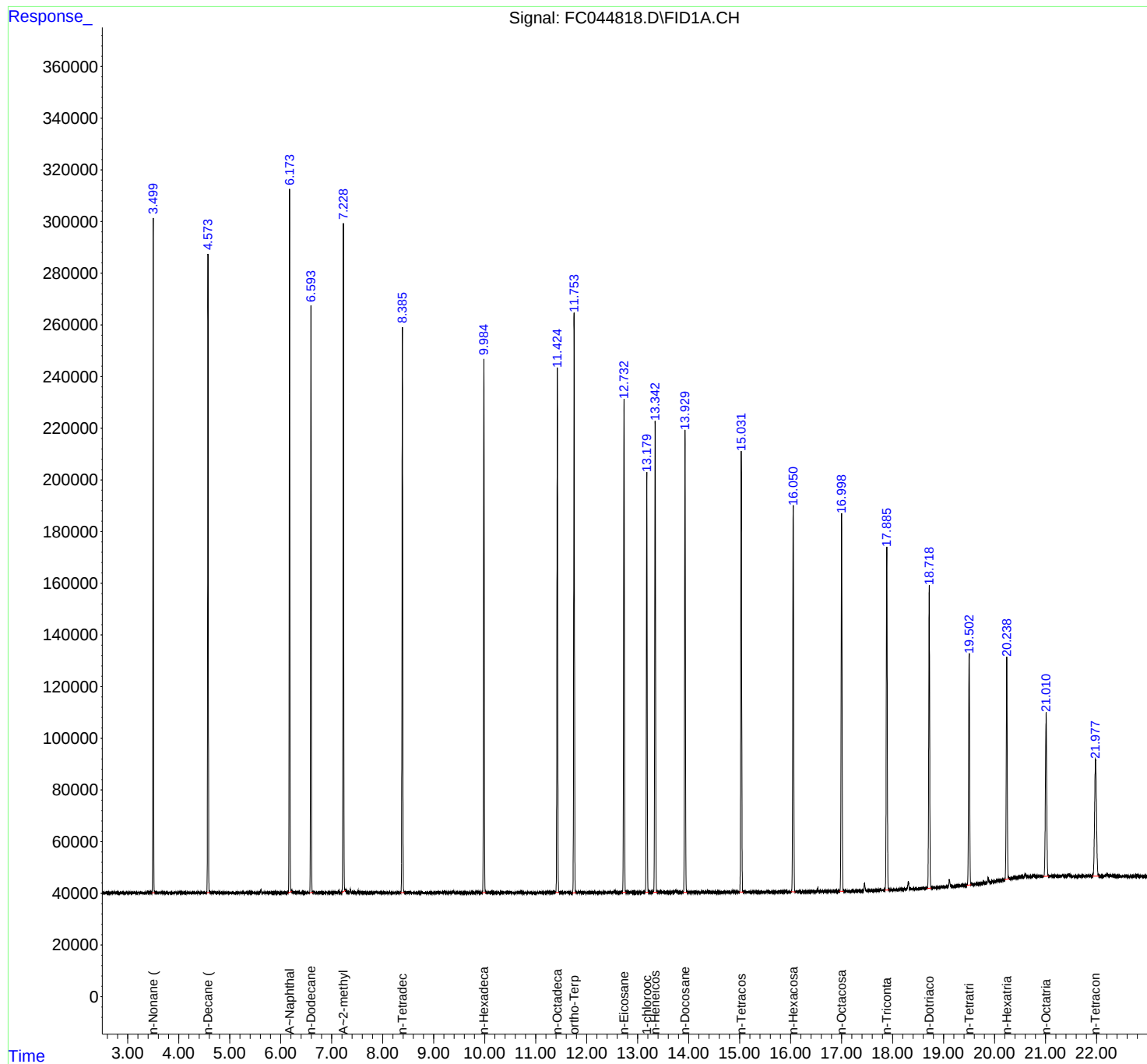
(f)=RT Delta > 1/2 Window

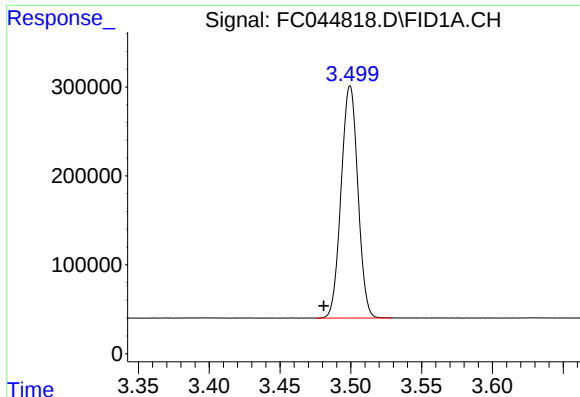
(m)=manual int.

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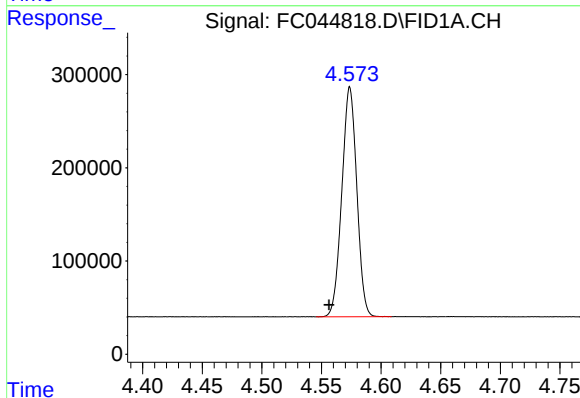
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





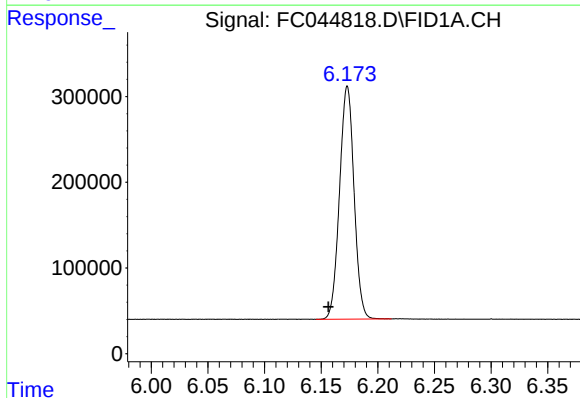
#1 n-Nonane (C9)

R.T.: 3.500 min  
Delta R.T.: 0.019 min  
Response: 2150542  
Conc: 21.15 ug/ml



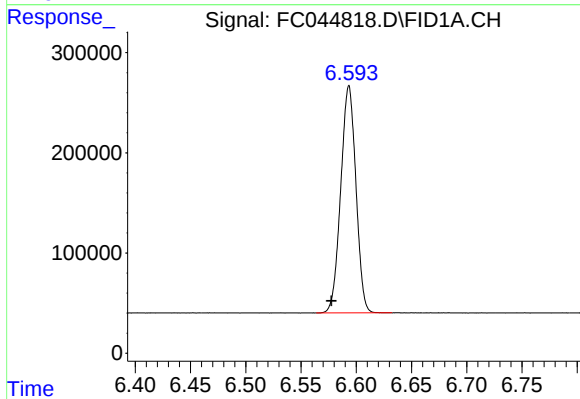
#2 n-Decane (C10)

R.T.: 4.574 min  
Delta R.T.: 0.018 min  
Response: 2156656  
Conc: 21.24 ug/ml



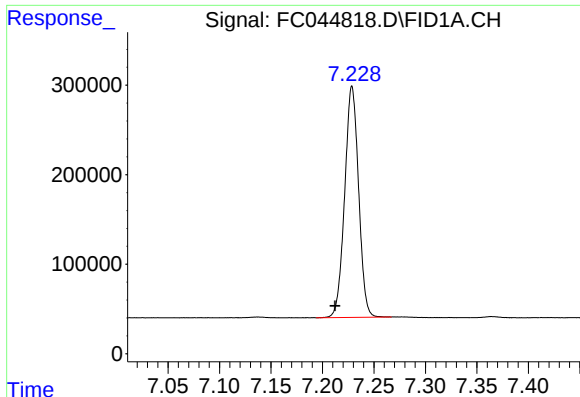
#3 A~Naphthalene (C11.7)

R.T.: 6.173 min  
Delta R.T.: 0.017 min  
Response: 2422831  
Conc: 21.21 ug/ml



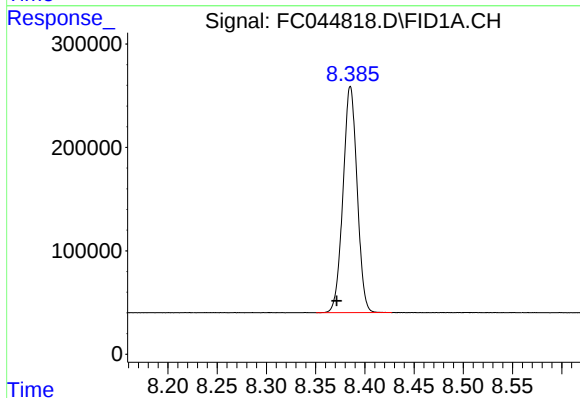
#4 n-Dodecane (C12)

R.T.: 6.593 min  
Delta R.T.: 0.016 min  
Response: 2171583  
Conc: 21.34 ug/ml



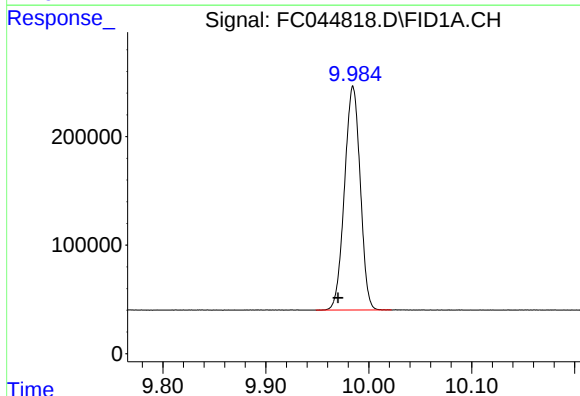
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.229 min  
Delta R.T.: 0.016 min  
Response: 2432110  
Conc: 21.21 ug/ml



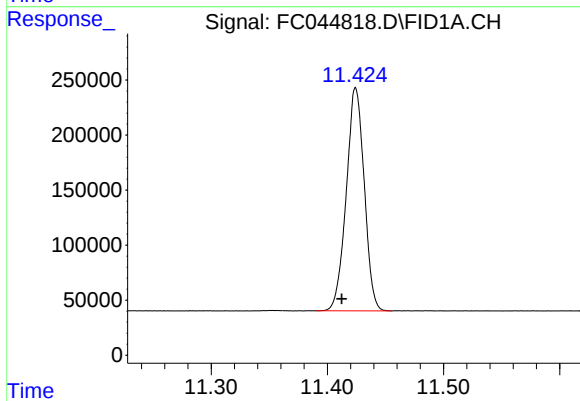
#6 n-Tetradecane (C14)

R.T.: 8.385 min  
Delta R.T.: 0.014 min  
Response: 2180593  
Conc: 21.39 ug/ml



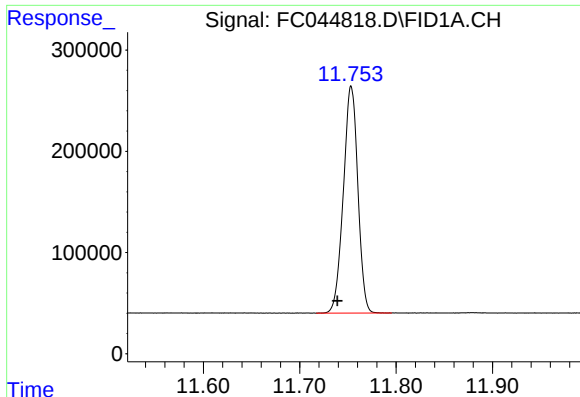
#7 n-Hexadecane (C16)

R.T.: 9.985 min  
Delta R.T.: 0.014 min  
Response: 2188783  
Conc: 21.33 ug/ml



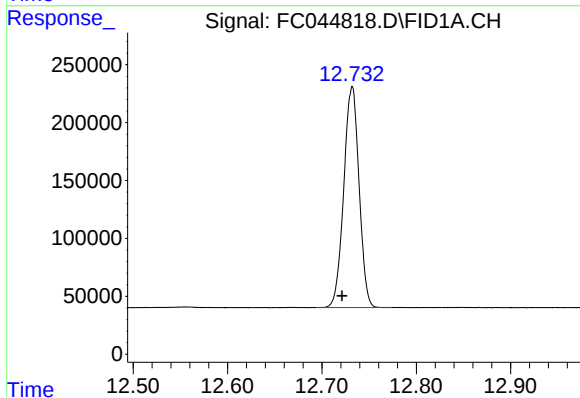
#8 n-Octadecane (C18)

R.T.: 11.424 min  
Delta R.T.: 0.012 min  
Response: 2180033  
Conc: 21.05 ug/ml



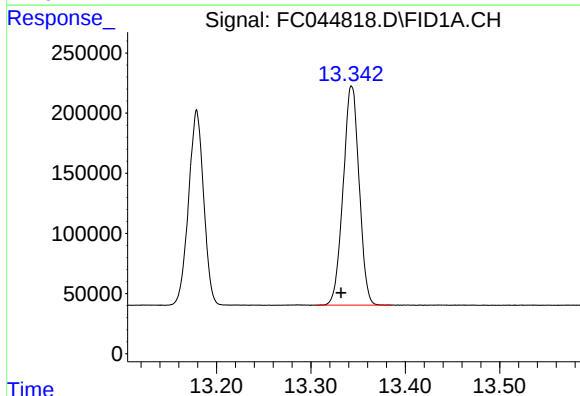
#9 ortho-Terphenyl (SURR)

R.T.: 11.754 min  
Delta R.T.: 0.014 min  
Response: 2333603  
Conc: 20.48 ug/ml



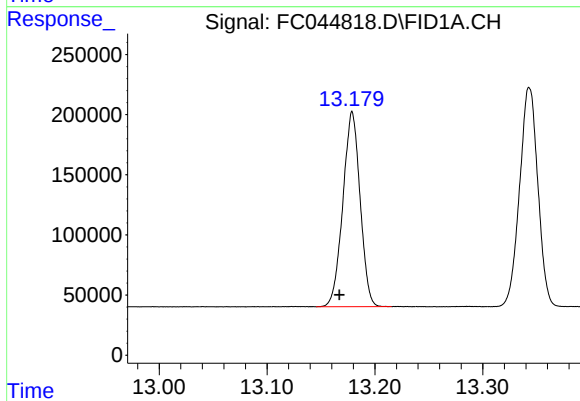
#10 n-Eicosane (C20)

R.T.: 12.732 min  
Delta R.T.: 0.011 min  
Response: 2152001  
Conc: 20.63 ug/ml



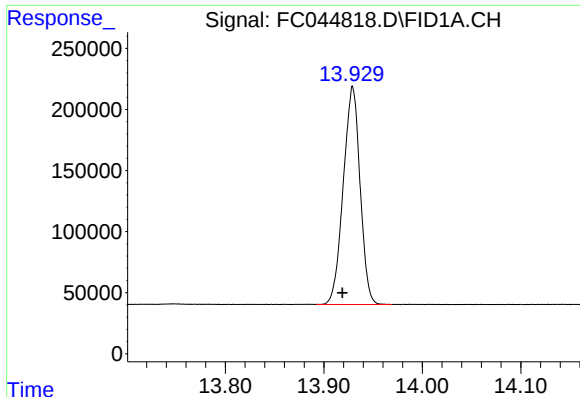
#11 n-Heneicosane (C21)

R.T.: 13.343 min  
Delta R.T.: 0.011 min  
Response: 2147148  
Conc: 20.36 ug/ml



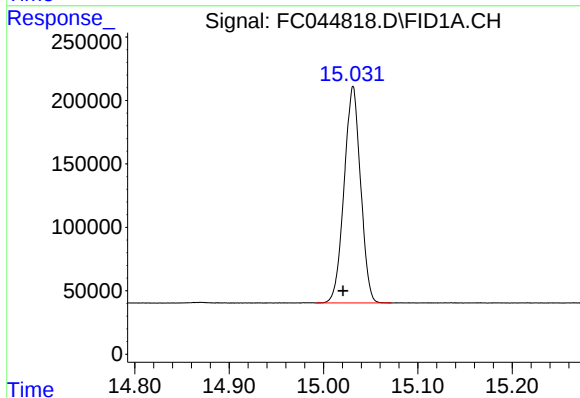
#12 1-chlorooctadecane (SURR)

R.T.: 13.179 min  
Delta R.T.: 0.012 min  
Response: 1798703  
Conc: 20.31 ug/ml



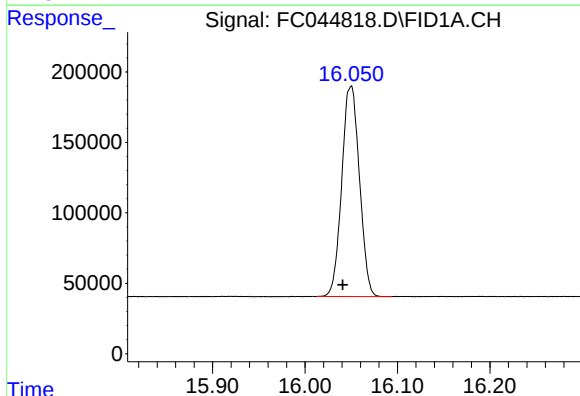
#13 n-Docosane (C22)

R.T.: 13.929 min  
Delta R.T.: 0.011 min  
Response: 2117221  
Conc: 20.07 ug/ml



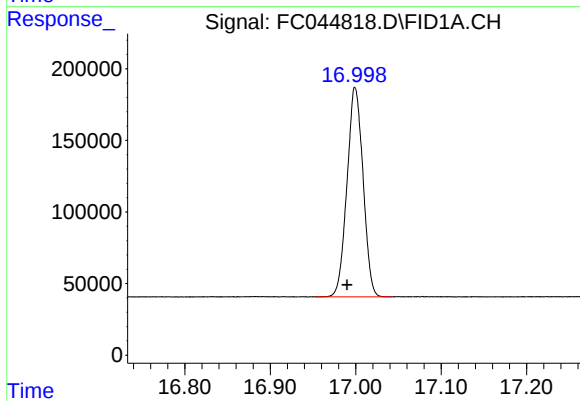
#14 n-Tetracosane (C24)

R.T.: 15.031 min  
Delta R.T.: 0.011 min  
Response: 2069244  
Conc: 19.33 ug/ml



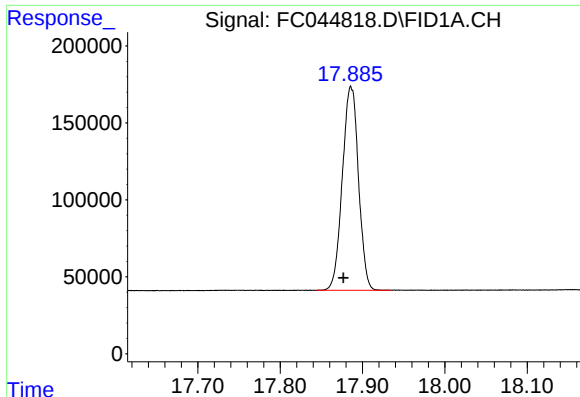
#15 n-Hexacosane (C26)

R.T.: 16.050 min  
Delta R.T.: 0.009 min  
Response: 1989318  
Conc: 18.69 ug/ml



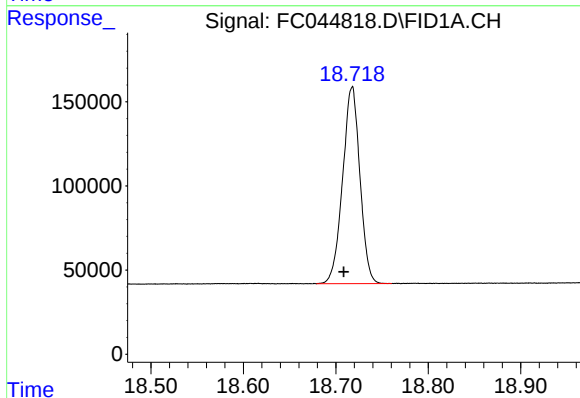
#16 n-Octacosane (C28)

R.T.: 16.999 min  
Delta R.T.: 0.010 min  
Response: 1907516  
Conc: 18.17 ug/ml



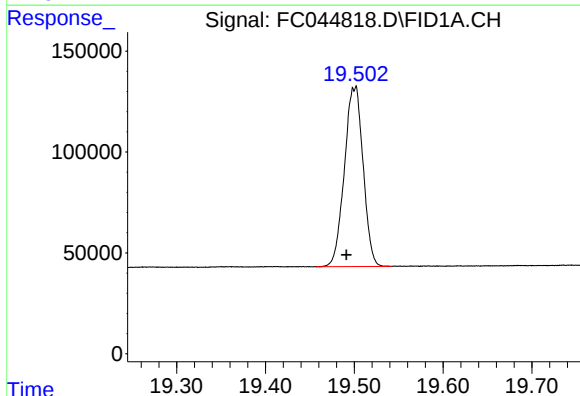
#17 n-Tricontane (C30)

R.T.: 17.886 min  
Delta R.T.: 0.009 min  
Response: 1802857  
Conc: 18.01 ug/ml



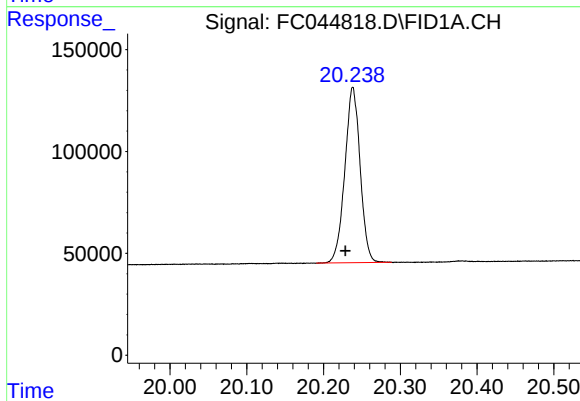
#18 n-Dotriacontane (C32)

R.T.: 18.718 min  
Delta R.T.: 0.009 min  
Response: 1521113  
Conc: 18.27 ug/ml



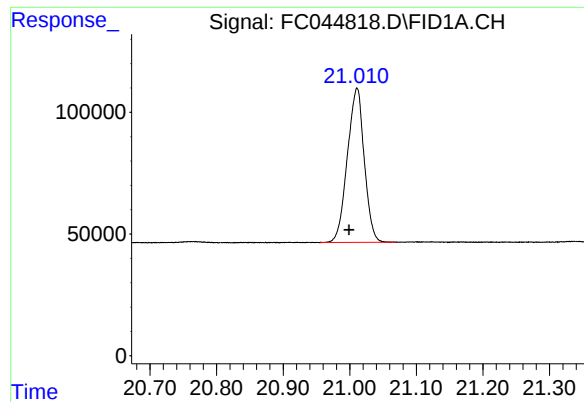
#19 n-Tetratriacontane (C34)

R.T.: 19.501 min  
Delta R.T.: 0.010 min  
Response: 1303340  
Conc: 19.00 ug/ml



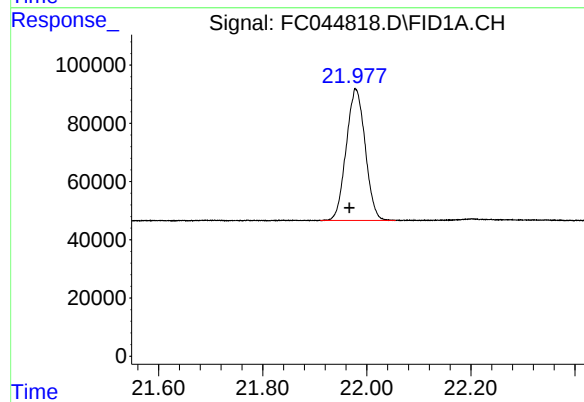
#20 n-Hexatriacontane (C36)

R.T.: 20.238 min  
Delta R.T.: 0.010 min  
Response: 1193016  
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.011 min  
Delta R.T.: 0.012 min  
Response: 1115170  
Conc: 20.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.978 min  
Delta R.T.: 0.012 min  
Response: 1142939  
Conc: 21.33 ug/ml