

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092618AL\  
 Data File : FC036538.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 Sep 2018 8:09  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 27 10:23:51 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 092118.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 21 15:20:52 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)    | 11.387 | 2440385    | 20.072 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.14%       |
| 12) S 1-chlorooctadecane (S... | 12.828 | 1845364    | 19.598 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.20%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.196  | 1880099    | 21.099 ug/ml |
| 2) T n-Decane (C10)            | 4.261  | 1909918    | 21.245 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.831  | 2225074    | 22.199 ug/ml |
| 4) T n-Dodecane (C12)          | 6.272  | 1987647    | 21.328 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.882  | 2239122    | 22.271 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.057  | 2058373    | 21.043 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.650  | 2082869    | 20.267 ug/ml |
| 8) T n-Octadecane (C18)        | 11.085 | 2145284    | 19.754 ug/ml |
| 10) T n-Eicosane (C20)         | 12.388 | 2188091    | 19.780 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.997 | 2182492    | 19.858 ug/ml |
| 13) T n-Docosane (C22)         | 13.581 | 2206934    | 20.213 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.679 | 2270492    | 20.796 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.696 | 2311618    | 21.398 ug/ml |
| 16) T n-Octacosane (C28)       | 16.642 | 2369887    | 21.479 ug/ml |
| 17) T n-Tricontane (C30)       | 17.527 | 2413868    | 20.745 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.356 | 2467922    | 21.163 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.136 | 2399556    | 21.414 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.874 | 2245162    | 21.205 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.581 | 2389796    | 22.608 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.422 | 2243509    | 20.896 ug/ml |
| -----                          |        |            |              |

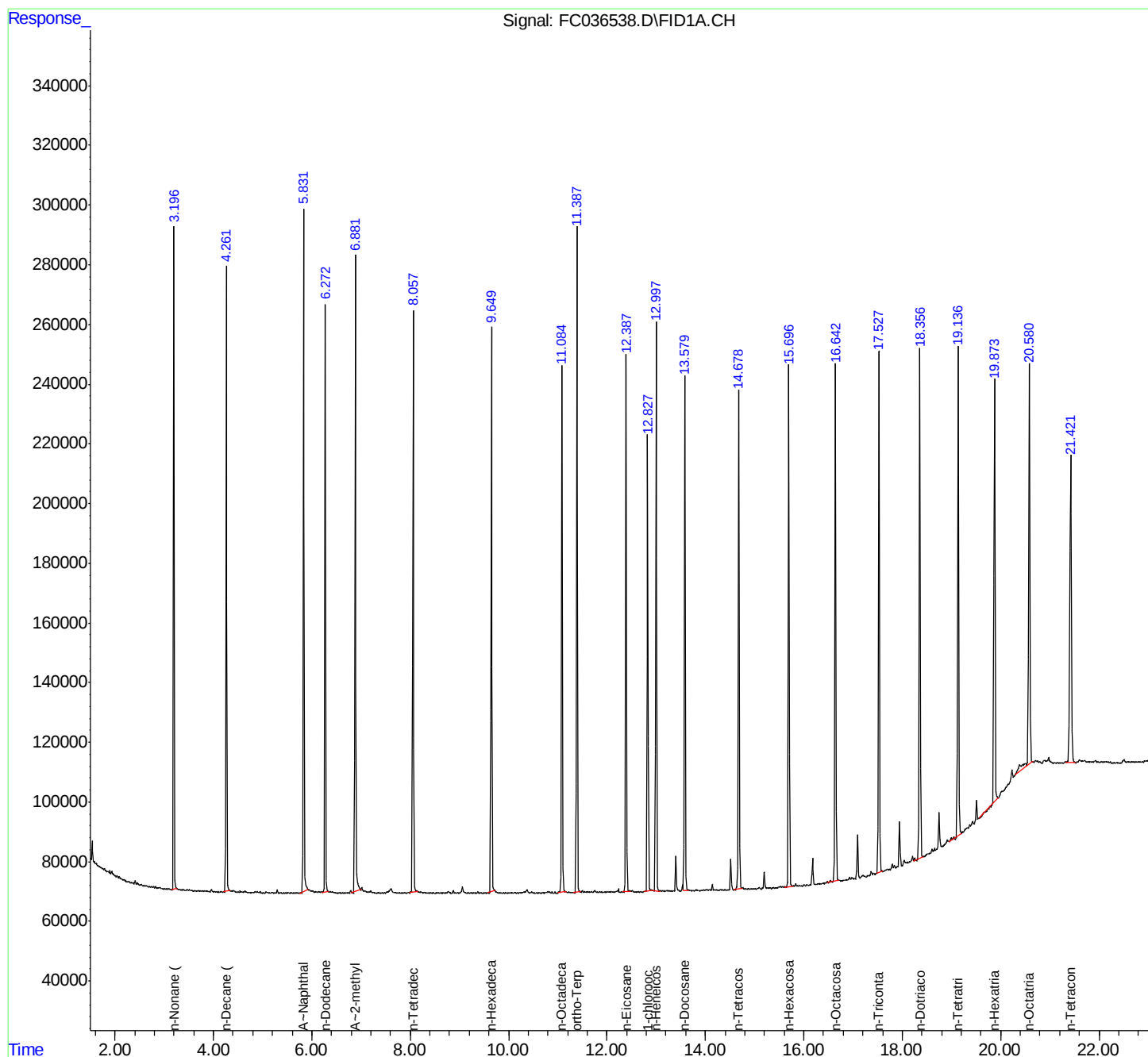
(f)=RT Delta > 1/2 Window

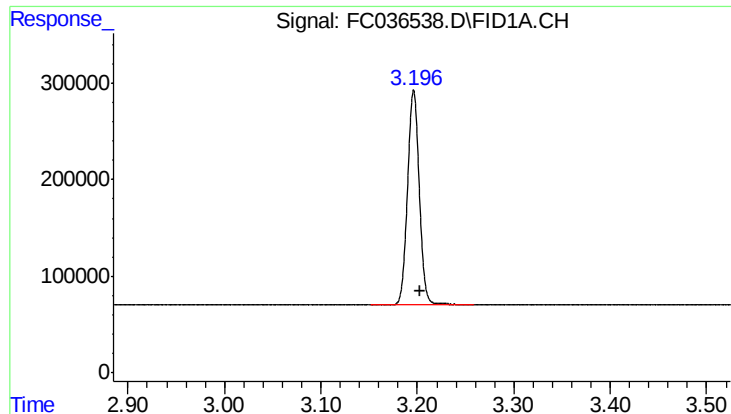
(m)=manual int.

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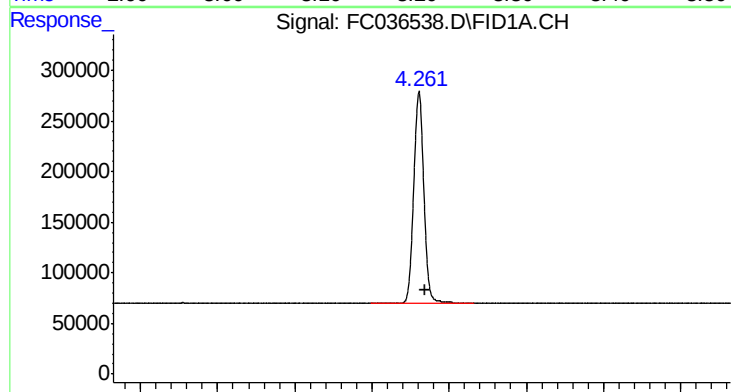
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





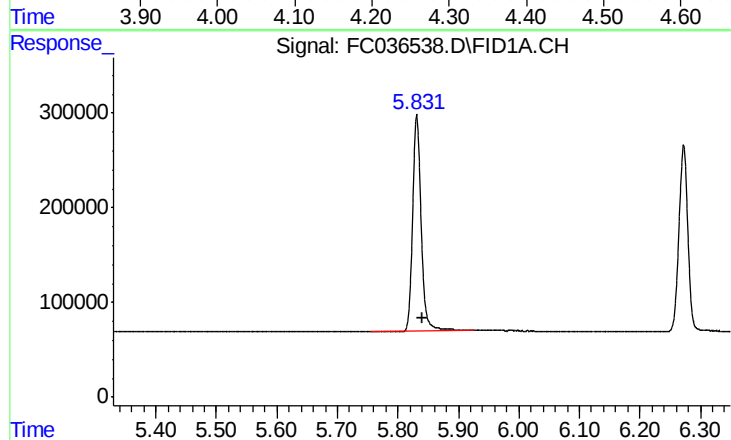
#1 n-Nonane (C9)

R.T.: 3.196 min  
Delta R.T.: -0.007 min  
Response: 1880099  
Conc: 21.10 ug/ml



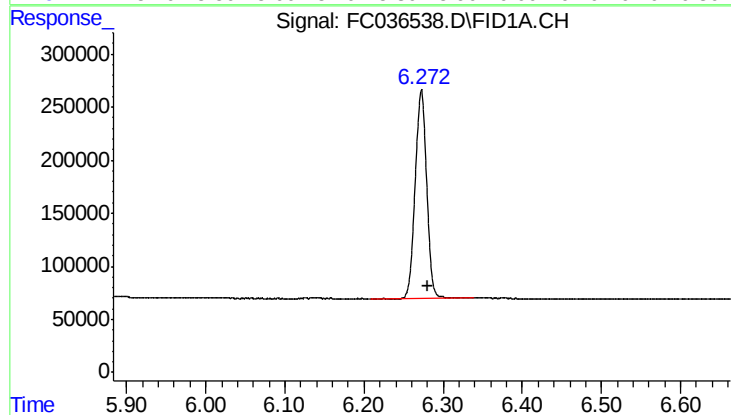
#2 n-Decane (C10)

R.T.: 4.261 min  
Delta R.T.: -0.008 min  
Response: 1909918  
Conc: 21.25 ug/ml



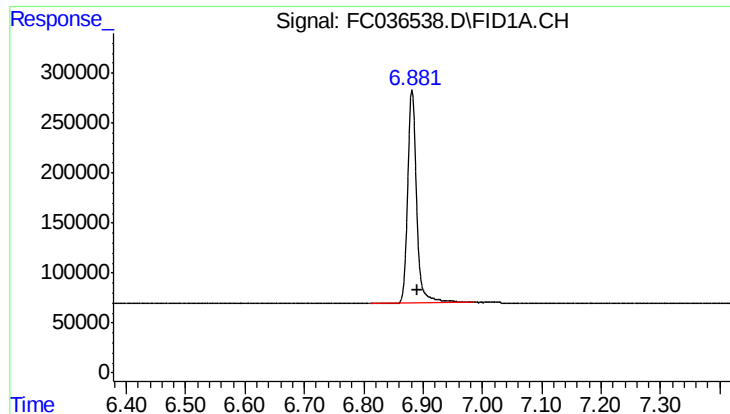
#3 A-Naphthalene (C11.7)

R.T.: 5.831 min  
Delta R.T.: -0.010 min  
Response: 2225074  
Conc: 22.20 ug/ml



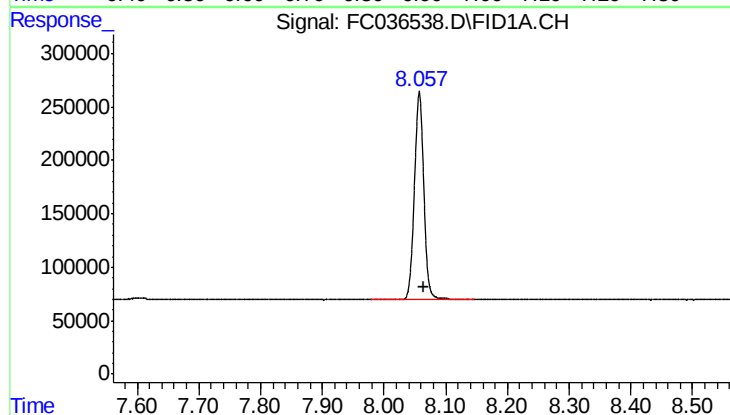
#4 n-Dodecane (C12)

R.T.: 6.272 min  
Delta R.T.: -0.008 min  
Response: 1987647  
Conc: 21.33 ug/ml



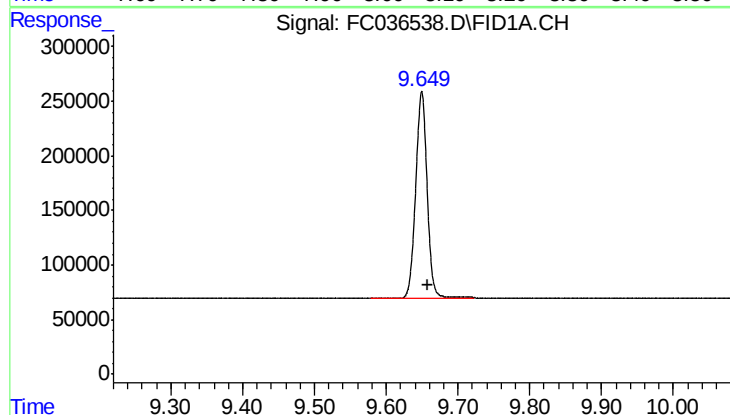
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.882 min  
Delta R.T.: -0.009 min  
Response: 2239122  
Conc: 22.27 ug/ml



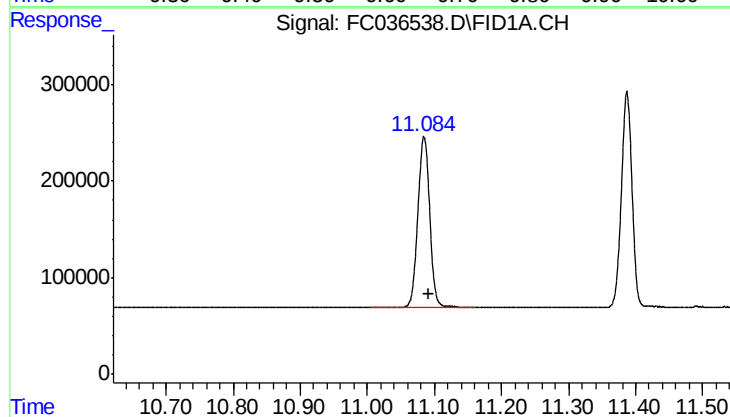
#6 n-Tetradecane (C14)

R.T.: 8.057 min  
Delta R.T.: -0.007 min  
Response: 2058373  
Conc: 21.04 ug/ml



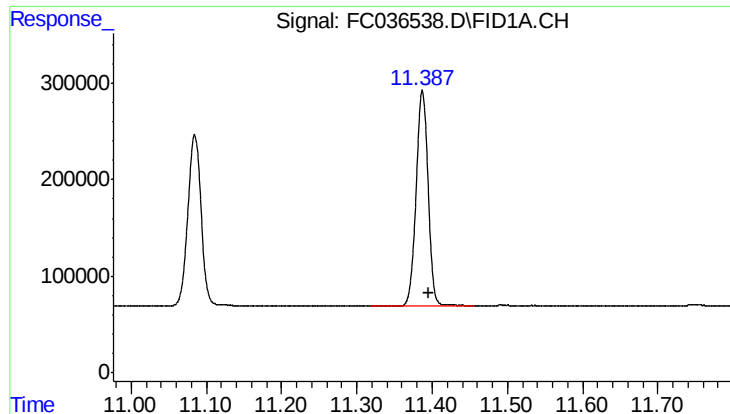
#7 n-Hexadecane (C16)

R.T.: 9.650 min  
Delta R.T.: -0.007 min  
Response: 2082869  
Conc: 20.27 ug/ml



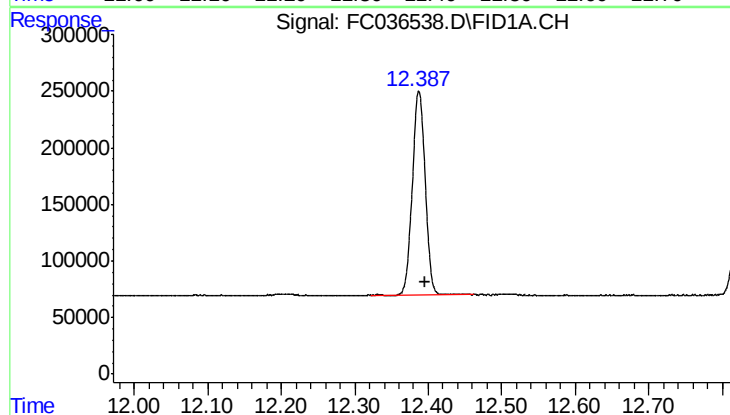
#8 n-Octadecane (C18)

R.T.: 11.085 min  
Delta R.T.: -0.007 min  
Response: 2145284  
Conc: 19.75 ug/ml



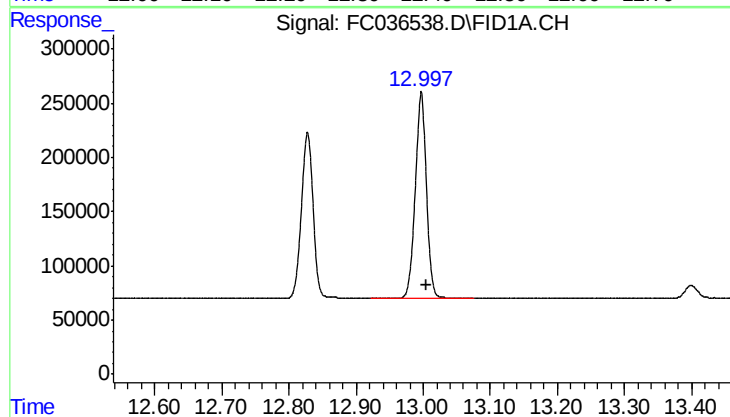
#9 ortho-Terphenyl (SURR)

R.T.: 11.387 min  
Delta R.T.: -0.008 min  
Response: 2440385  
Conc: 20.07 ug/ml



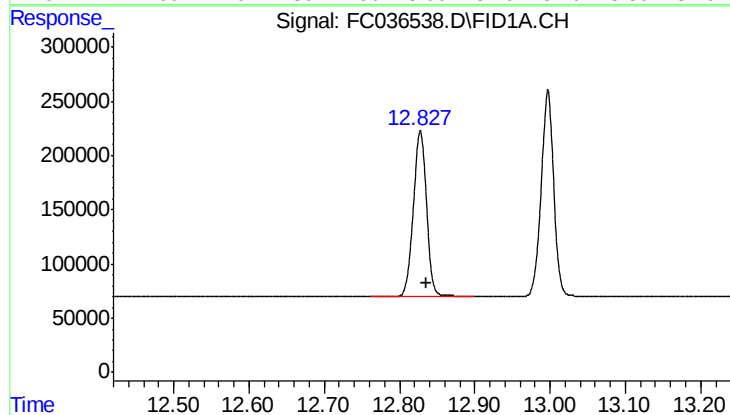
#10 n-Eicosane (C20)

R.T.: 12.388 min  
Delta R.T.: -0.009 min  
Response: 2188091  
Conc: 19.78 ug/ml



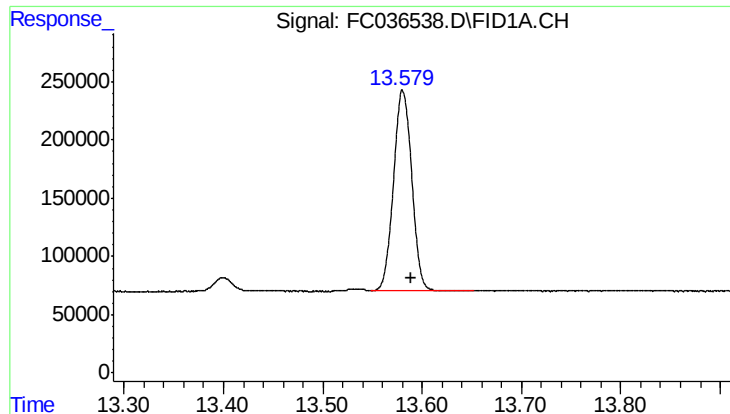
#11 n-Heneicosane (C21)

R.T.: 12.997 min  
Delta R.T.: -0.008 min  
Response: 2182492  
Conc: 19.86 ug/ml



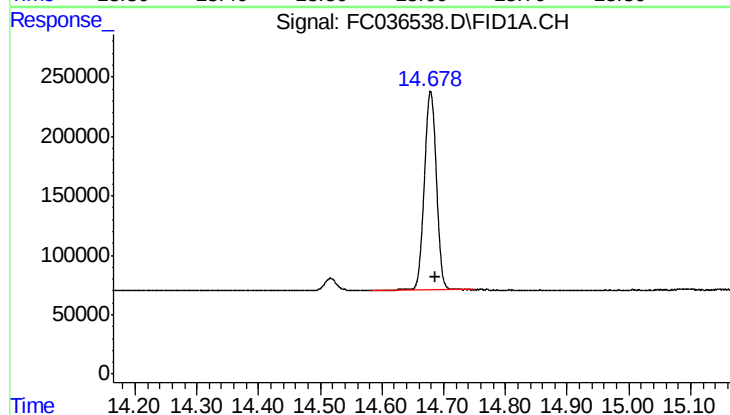
#12 1-chlorooctadecane (SURR)

R.T.: 12.828 min  
Delta R.T.: -0.007 min  
Response: 1845364  
Conc: 19.60 ug/ml



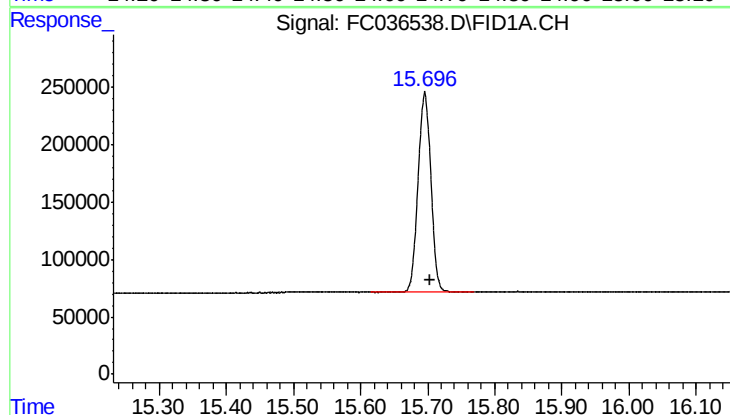
#13 n-Docosane (C22)

R.T.: 13.581 min  
Delta R.T.: -0.008 min  
Response: 2206934  
Conc: 20.21 ug/ml



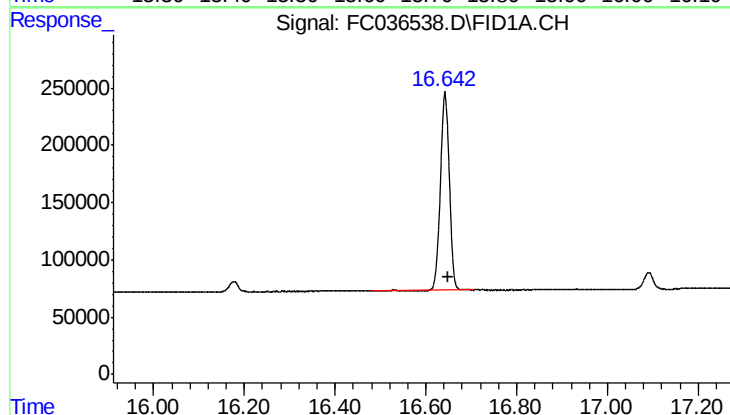
#14 n-Tetracosane (C24)

R.T.: 14.679 min  
Delta R.T.: -0.008 min  
Response: 2270492  
Conc: 20.80 ug/ml



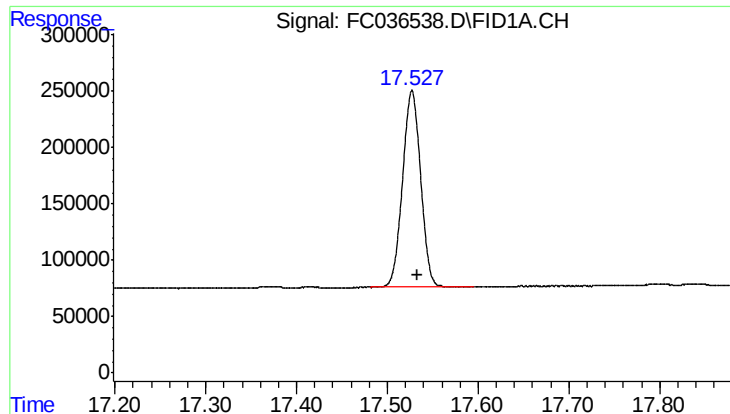
#15 n-Hexacosane (C26)

R.T.: 15.696 min  
Delta R.T.: -0.009 min  
Response: 2311618  
Conc: 21.40 ug/ml



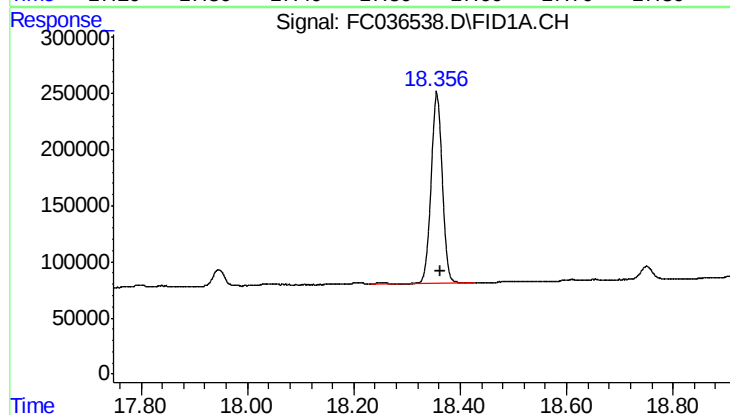
#16 n-Octacosane (C28)

R.T.: 16.642 min  
Delta R.T.: -0.007 min  
Response: 2369887  
Conc: 21.48 ug/ml



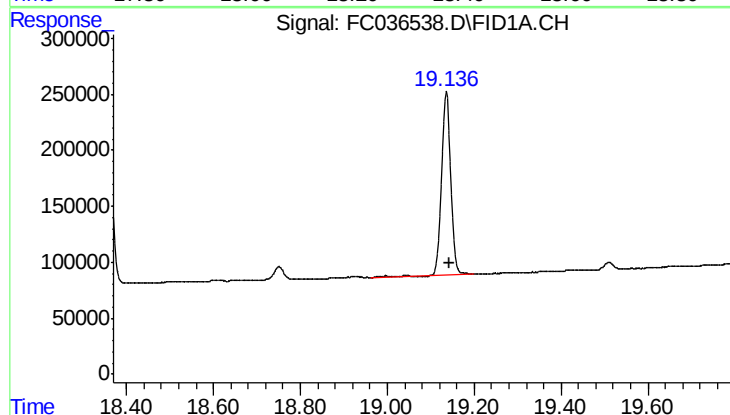
#17 n-Tricontane (C30)

R.T.: 17.527 min  
Delta R.T.: -0.005 min  
Response: 2413868  
Conc: 20.74 ug/ml



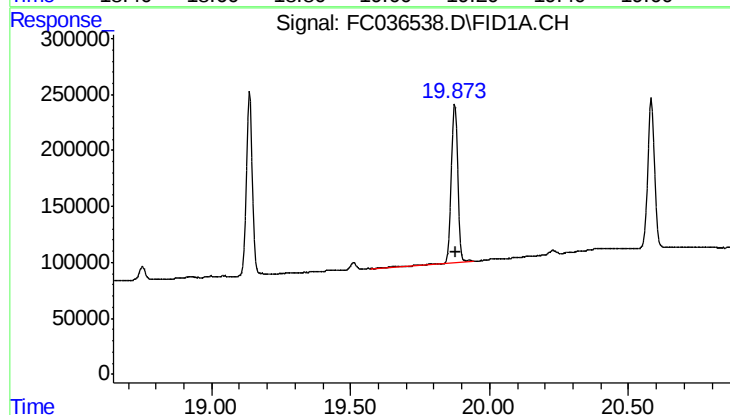
#18 n-Dotriacontane (C32)

R.T.: 18.356 min  
Delta R.T.: -0.006 min  
Response: 2467922  
Conc: 21.16 ug/ml



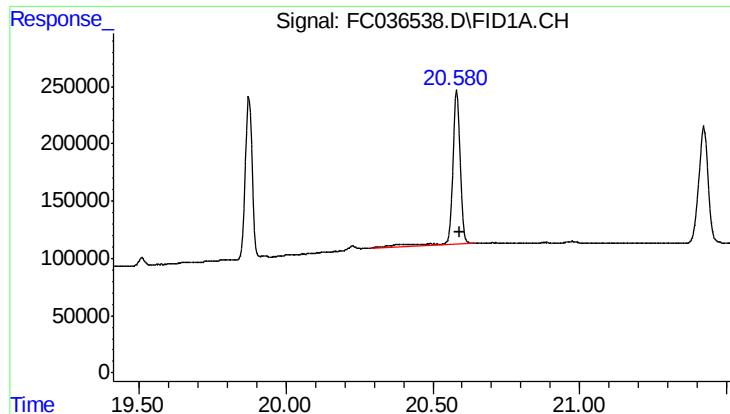
#19 n-Tetratriacontane (C34)

R.T.: 19.136 min  
Delta R.T.: -0.008 min  
Response: 2399556  
Conc: 21.41 ug/ml



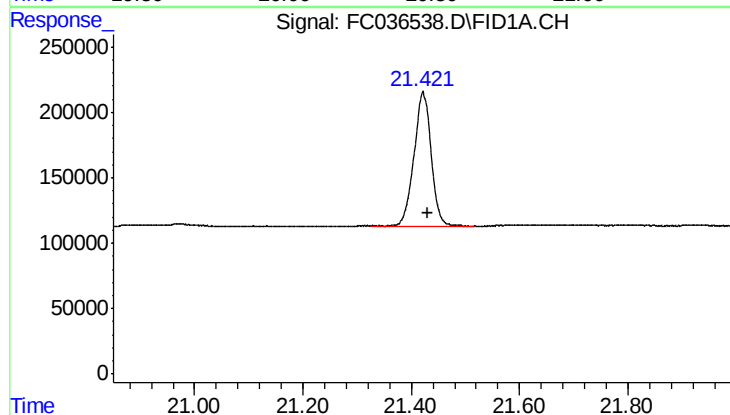
#20 n-Hexatriacontane (C36)

R.T.: 19.874 min  
Delta R.T.: -0.006 min  
Response: 2245162  
Conc: 21.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.581 min  
Delta R.T.: -0.009 min  
Response: 2389796  
Conc: 22.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.422 min  
Delta R.T.: -0.009 min  
Response: 2243509  
Conc: 20.90 ug/ml