

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121218AL\  
 Data File : FD026871.D  
 Signal(s) : FID2B.CH  
 Acq On : 13 Dec 2018 7:41  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Dec 13 11:15:11 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 111518.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Nov 16 08:39:32 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)    | 11.271 | 1780622    | 21.102 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.20%       |
| 12) S 1-chlorooctadecane (S... | 12.716 | 1351073    | 22.486 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.97%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.090  | 1505247    | 19.196 ug/ml |
| 2) T n-Decane (C10)            | 4.151  | 1548726    | 19.753 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.710  | 1814948    | 20.043 ug/ml |
| 4) T n-Dodecane (C12)          | 6.162  | 1574360    | 20.716 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.762  | 1828638    | 20.408 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.948  | 1595732    | 21.385 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.540  | 1584290    | 21.948 ug/ml |
| 8) T n-Octadecane (C18)        | 10.975 | 1267830    | 18.526 ug/ml |
| 10) T n-Eicosane (C20)         | 12.278 | 1562473    | 22.798 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.888 | 1548815    | 23.084 ug/ml |
| 13) T n-Docosane (C22)         | 13.471 | 1551473    | 23.163 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.569 | 1557964    | 23.232 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.585 | 1561735    | 23.312 ug/ml |
| 16) T n-Octacosane (C28)       | 16.530 | 1577900    | 23.139 ug/ml |
| 17) T n-Tricontane (C30)       | 17.414 | 1545010    | 22.588 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.242 | 1427248    | 21.867 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.022 | 1241362    | 21.703 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.758 | 1067153    | 21.663 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.456 | 1096679    | 23.164 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.249 | 989314     | 22.240 ug/ml |
| -----                          |        |            |              |

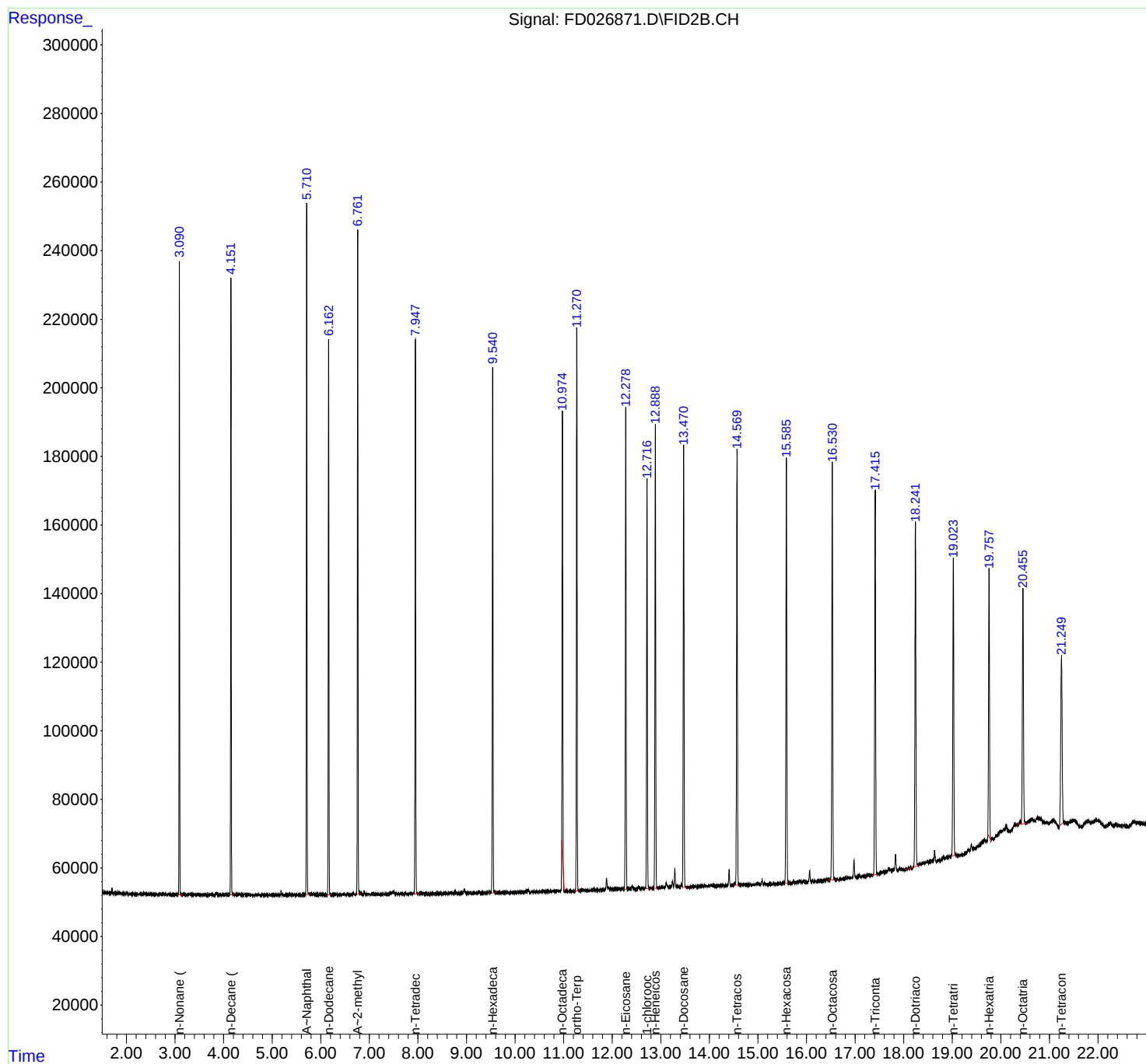
(f)=RT Delta > 1/2 Window

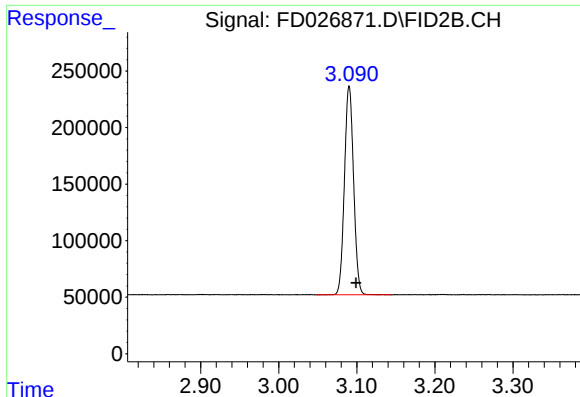
(m)=manual int.

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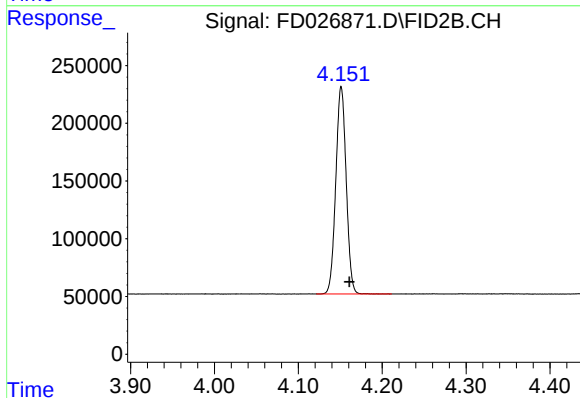
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





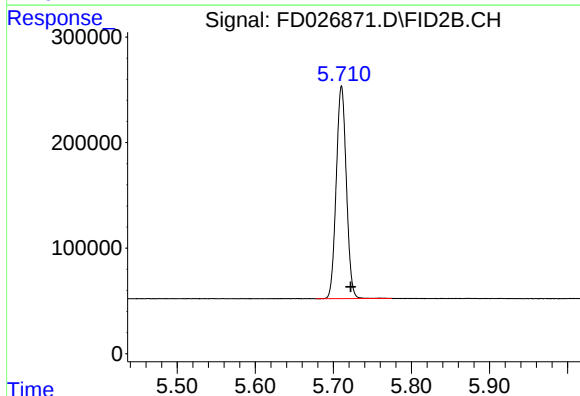
#1 n-Nonane (C9)

R.T.: 3.090 min  
Delta R.T.: -0.009 min  
Response: 1505247  
Conc: 19.20 ug/ml



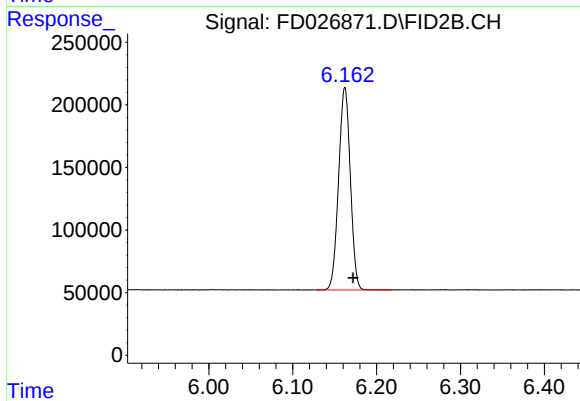
#2 n-Decane (C10)

R.T.: 4.151 min  
Delta R.T.: -0.010 min  
Response: 1548726  
Conc: 19.75 ug/ml



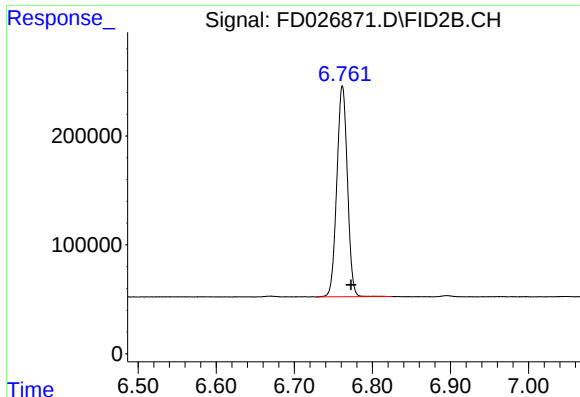
#3 A~Naphthalene (C11.7)

R.T.: 5.710 min  
Delta R.T.: -0.012 min  
Response: 1814948  
Conc: 20.04 ug/ml



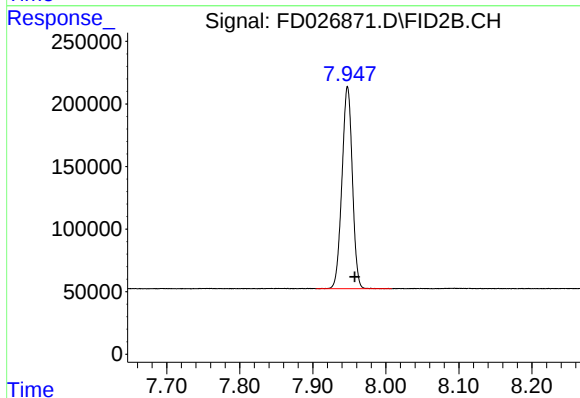
#4 n-Dodecane (C12)

R.T.: 6.162 min  
Delta R.T.: -0.010 min  
Response: 1574360  
Conc: 20.72 ug/ml



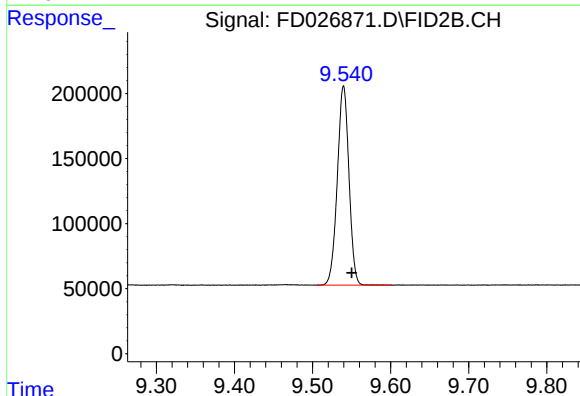
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.762 min  
Delta R.T.: -0.011 min  
Response: 1828638  
Conc: 20.41 ug/ml



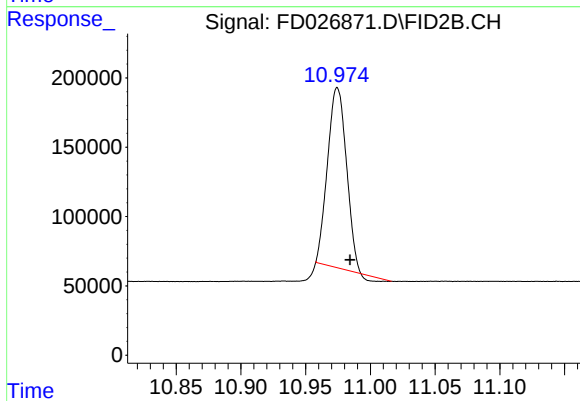
#6 n-Tetradecane (C14)

R.T.: 7.948 min  
Delta R.T.: -0.010 min  
Response: 1595732  
Conc: 21.38 ug/ml



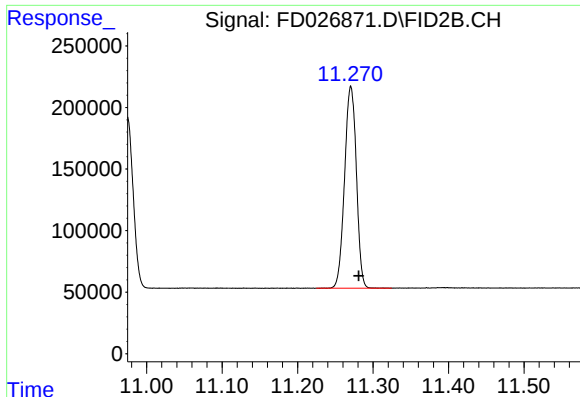
#7 n-Hexadecane (C16)

R.T.: 9.540 min  
Delta R.T.: -0.011 min  
Response: 1584290  
Conc: 21.95 ug/ml



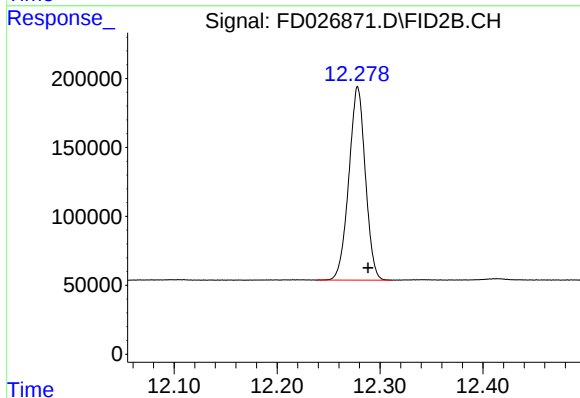
#8 n-Octadecane (C18)

R.T.: 10.975 min  
Delta R.T.: -0.010 min  
Response: 1267830  
Conc: 18.53 ug/ml



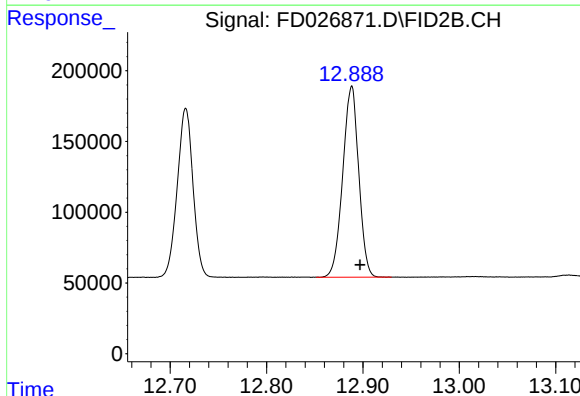
#9 ortho-Terphenyl (SURR)

R.T.: 11.271 min  
Delta R.T.: -0.011 min  
Response: 1780622  
Conc: 21.10 ug/ml



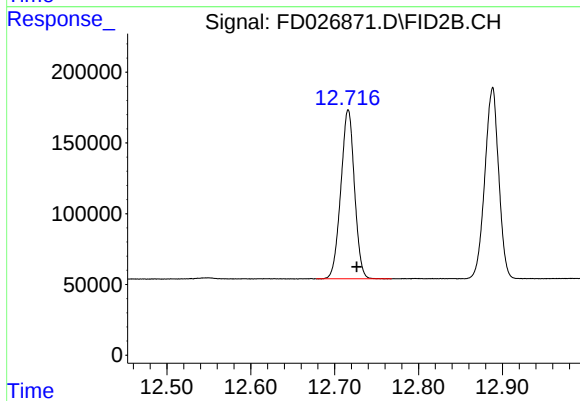
#10 n-Eicosane (C20)

R.T.: 12.278 min  
Delta R.T.: -0.010 min  
Response: 1562473  
Conc: 22.80 ug/ml



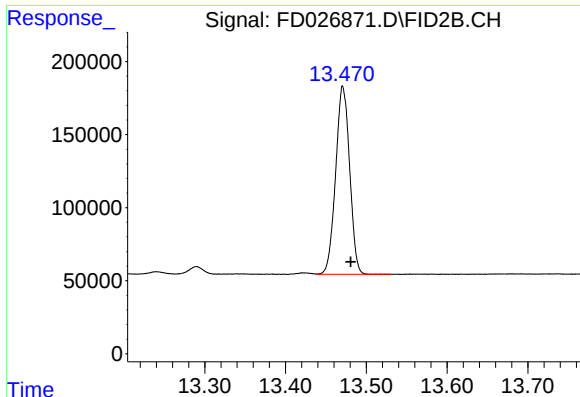
#11 n-Heneicosane (C21)

R.T.: 12.888 min  
Delta R.T.: -0.009 min  
Response: 1548815  
Conc: 23.08 ug/ml



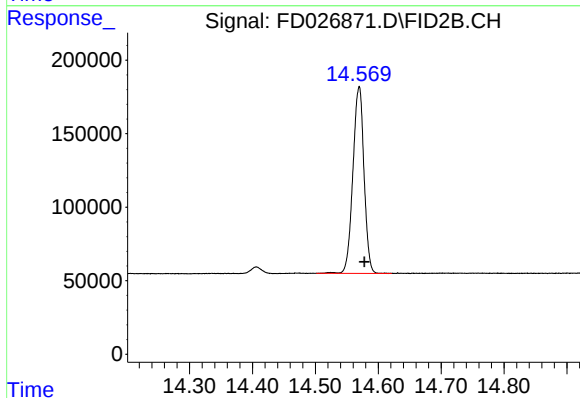
#12 1-chlorooctadecane (SURR)

R.T.: 12.716 min  
Delta R.T.: -0.010 min  
Response: 1351073  
Conc: 22.49 ug/ml



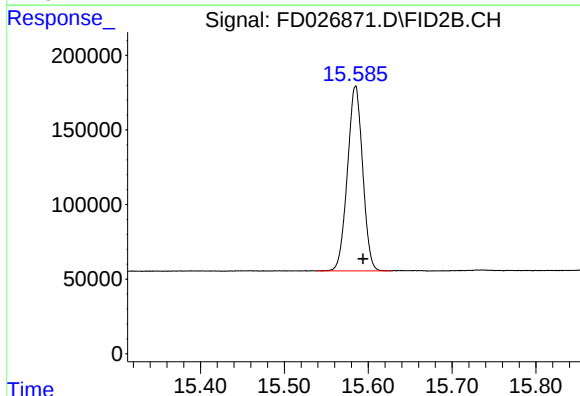
#13 n-Docosane (C22)

R.T.: 13.471 min  
Delta R.T.: -0.010 min  
Response: 1551473  
Conc: 23.16 ug/ml



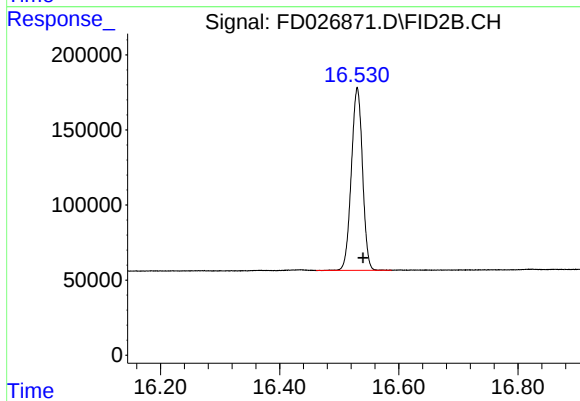
#14 n-Tetracosane (C24)

R.T.: 14.569 min  
Delta R.T.: -0.009 min  
Response: 1557964  
Conc: 23.23 ug/ml



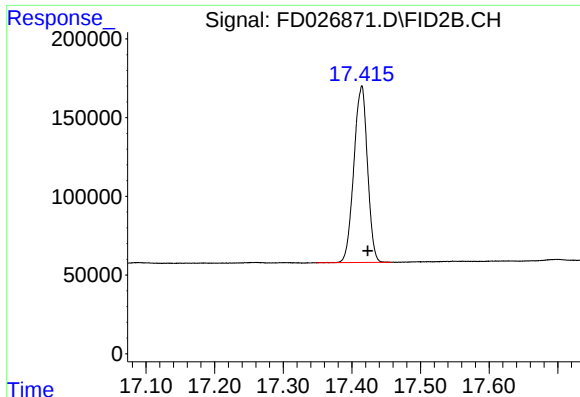
#15 n-Hexacosane (C26)

R.T.: 15.585 min  
Delta R.T.: -0.009 min  
Response: 1561735  
Conc: 23.31 ug/ml



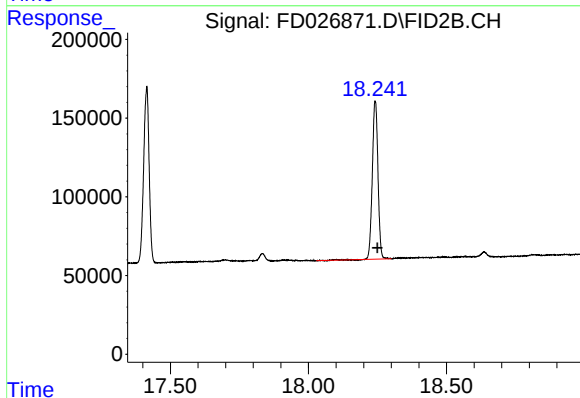
#16 n-Octacosane (C28)

R.T.: 16.530 min  
Delta R.T.: -0.010 min  
Response: 1577900  
Conc: 23.14 ug/ml



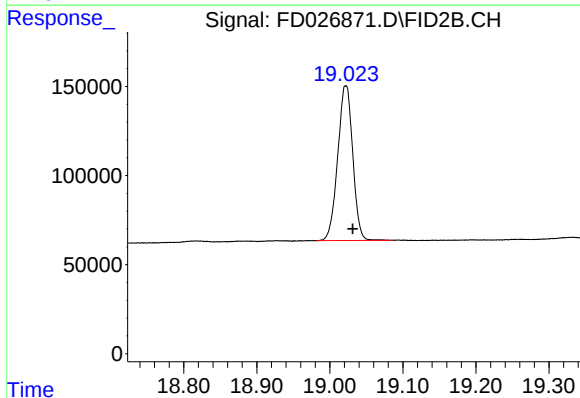
#17 n-Tricontane (C30)

R.T.: 17.414 min  
Delta R.T.: -0.009 min  
Response: 1545010  
Conc: 22.59 ug/ml



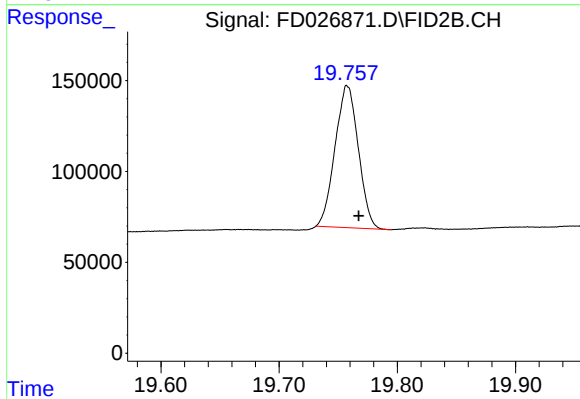
#18 n-Dotriacontane (C32)

R.T.: 18.242 min  
Delta R.T.: -0.009 min  
Response: 1427248  
Conc: 21.87 ug/ml



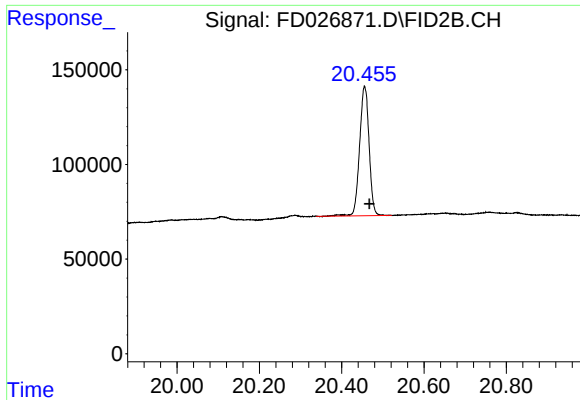
#19 n-Tetratriacontane (C34)

R.T.: 19.022 min  
Delta R.T.: -0.010 min  
Response: 1241362  
Conc: 21.70 ug/ml



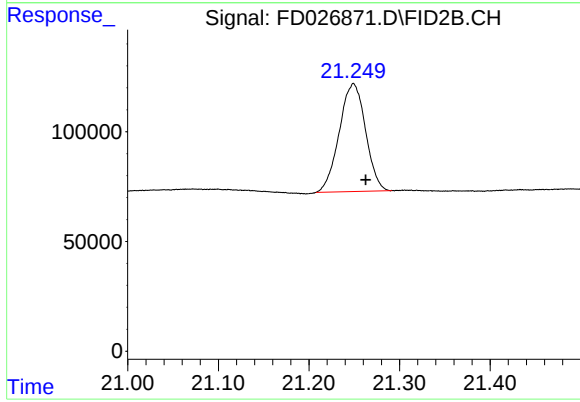
#20 n-Hexatriacontane (C36)

R.T.: 19.758 min  
Delta R.T.: -0.010 min  
Response: 1067153  
Conc: 21.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.456 min  
Delta R.T.: -0.011 min  
Response: 1096679  
Conc: 23.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.249 min  
Delta R.T.: -0.014 min  
Response: 989314  
Conc: 22.24 ug/ml