

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100623AL\  
 Data File : FG013032.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Oct 2023 04:20  
 Operator : YP\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 07 07:43:57 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 100623.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 07 07:43:47 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.990 | 1412310    | 10.668 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.34%       |
| 12) S 1-chlorooctadecane (S... | 13.429 | 1058213    | 10.653 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.31%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.346  | 1260626    | 10.716 ug/ml |
| 2) T n-Decane (C10)            | 4.599  | 1284710    | 10.703 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.311  | 1364510    | 10.675 ug/ml |
| 4) T n-Dodecane (C12)          | 6.772  | 1283289    | 10.686 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.411  | 1300100    | 10.582 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.606  | 1258680    | 10.684 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.220 | 1288033    | 10.692 ug/ml |
| 8) T n-Octadecane (C18)        | 11.669 | 1289152    | 10.709 ug/ml |
| 10) T n-Eicosane (C20)         | 12.983 | 1230370    | 10.730 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.597 | 1200144    | 10.706 ug/ml |
| 13) T n-Docosane (C22)         | 14.185 | 1199002    | 10.769 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.291 | 1210094    | 10.942 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.315 | 1188798    | 10.970 ug/ml |
| 16) T n-Octacosane (C28)       | 17.267 | 1180936    | 11.079 ug/ml |
| 17) T n-Tricontane (C30)       | 18.157 | 1244149    | 11.312 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.991 | 1244247    | 11.356 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.776 | 1204682    | 11.174 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.516 | 1214291    | 11.046 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.276 | 1212347    | 10.860 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.227 | 1222924    | 10.734 ug/ml |
| -----                          |        |            |              |

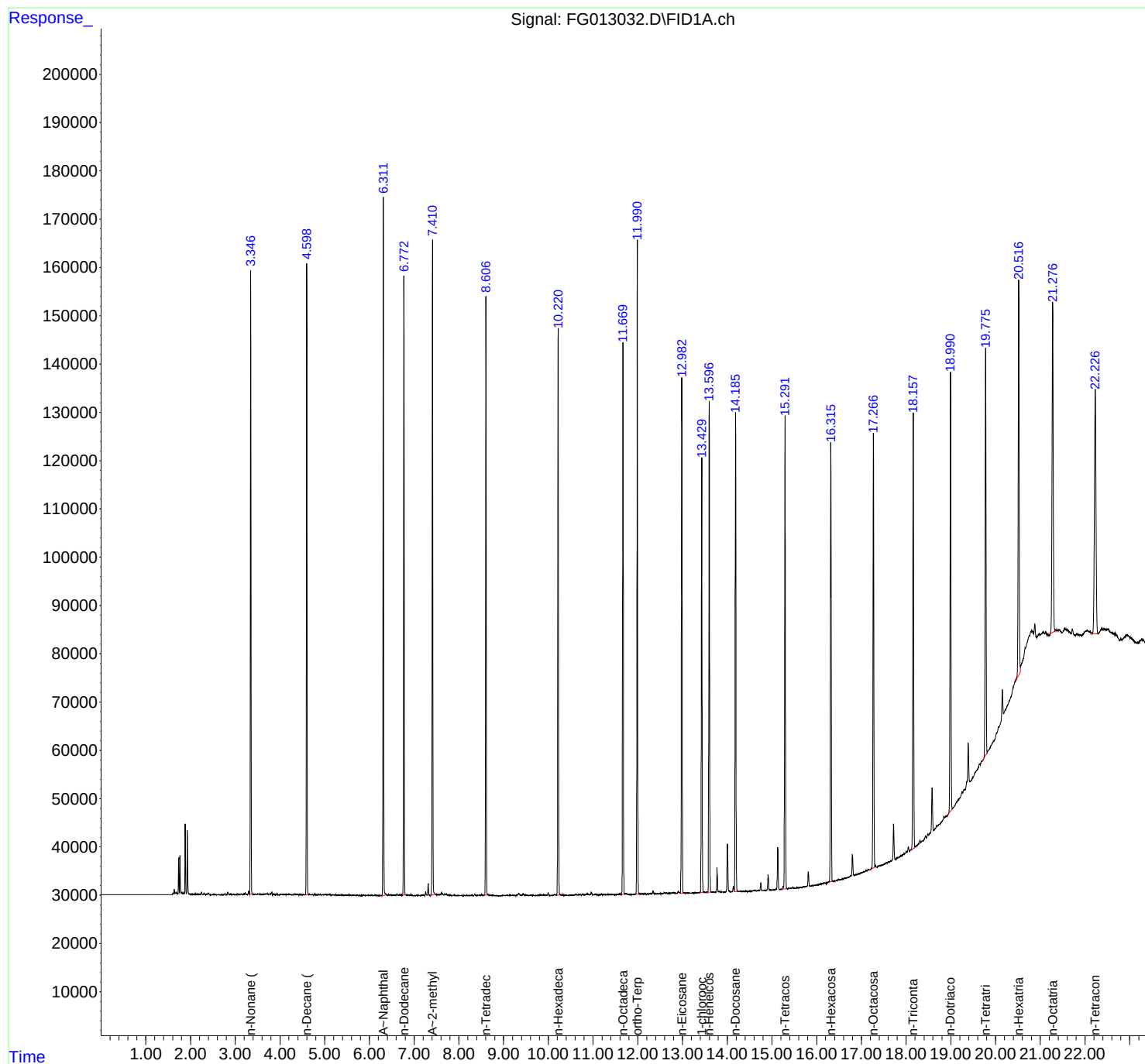
(f)=RT Delta > 1/2 Window

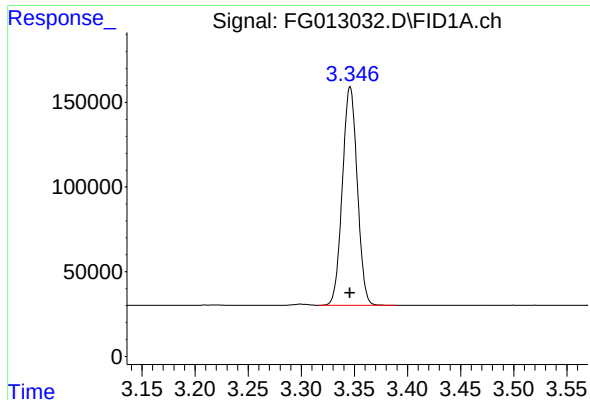
(m)=manual int.

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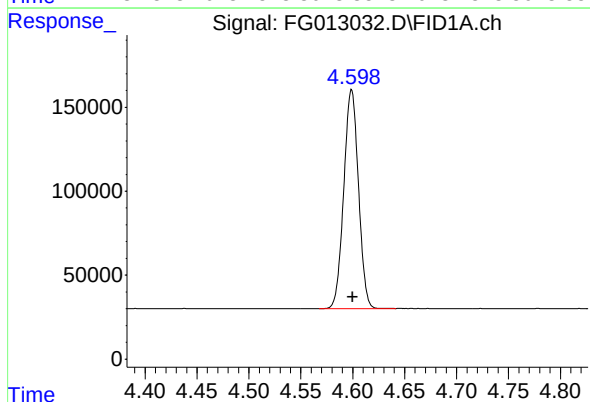
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





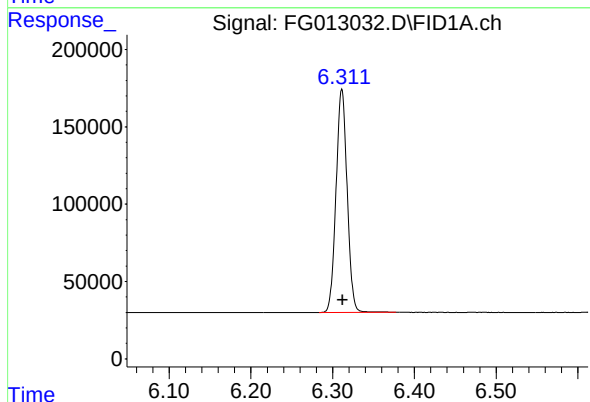
#1 n-Nonane (C9)

R.T.: 3.346 min  
Delta R.T.: 0.000 min  
Response: 1260626  
Conc: 10.72 ug/ml



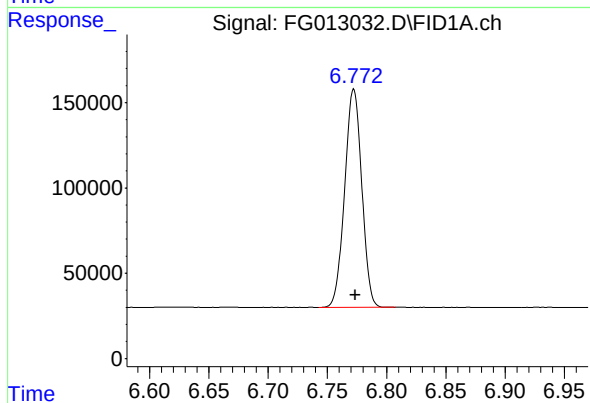
#2 n-Decane (C10)

R.T.: 4.599 min  
Delta R.T.: 0.000 min  
Response: 1284710  
Conc: 10.70 ug/ml



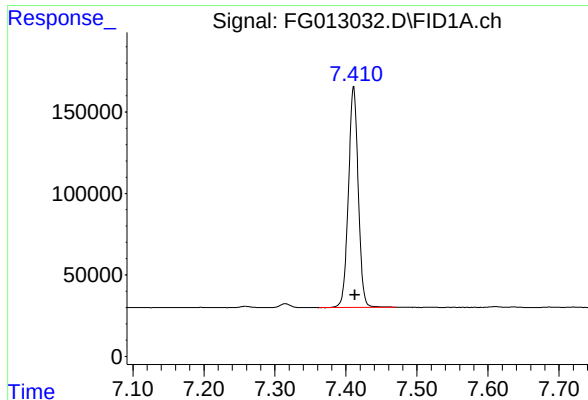
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min  
Delta R.T.: -0.001 min  
Response: 1364510  
Conc: 10.68 ug/ml



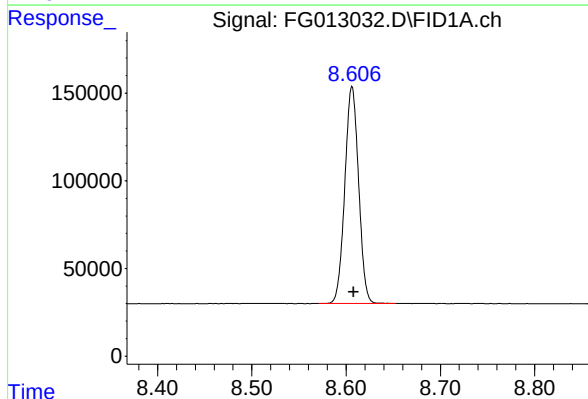
#4 n-Dodecane (C12)

R.T.: 6.772 min  
Delta R.T.: -0.001 min  
Response: 1283289  
Conc: 10.69 ug/ml



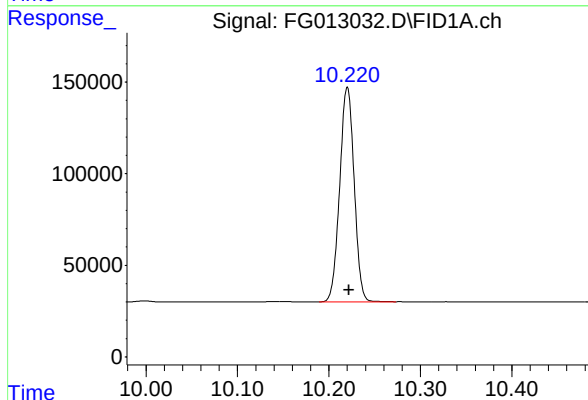
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min  
Delta R.T.: -0.002 min  
Response: 1300100  
Conc: 10.58 ug/ml



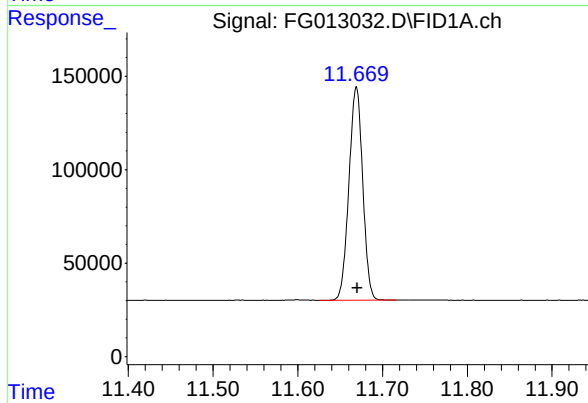
#6 n-Tetradecane (C14)

R.T.: 8.606 min  
Delta R.T.: -0.002 min  
Response: 1258680  
Conc: 10.68 ug/ml



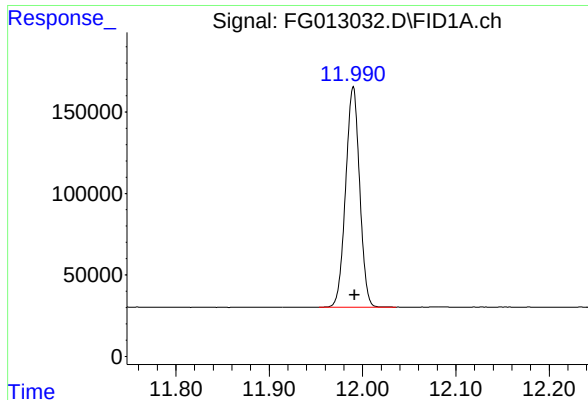
#7 n-Hexadecane (C16)

R.T.: 10.220 min  
Delta R.T.: -0.002 min  
Response: 1288033  
Conc: 10.69 ug/ml



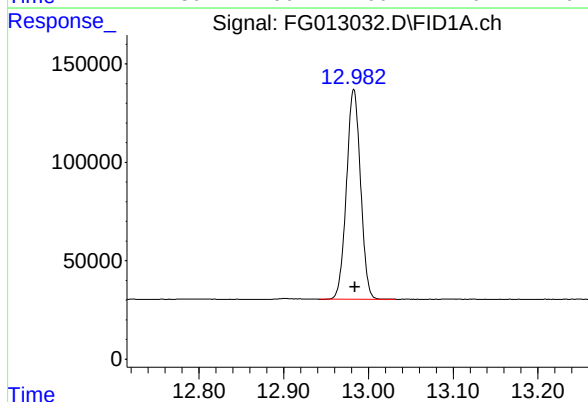
#8 n-Octadecane (C18)

R.T.: 11.669 min  
Delta R.T.: -0.001 min  
Response: 1289152  
Conc: 10.71 ug/ml



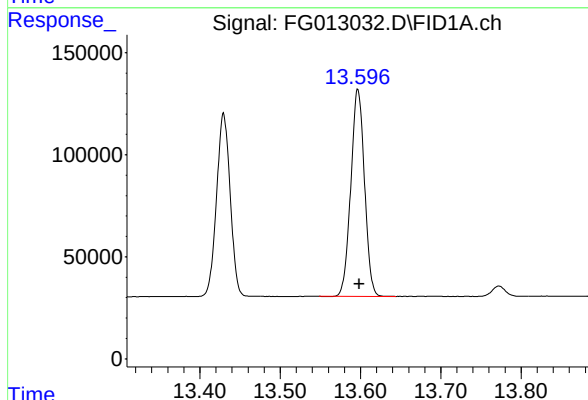
#9 ortho-Terphenyl (SURR)

R.T.: 11.990 min  
Delta R.T.: -0.001 min  
Response: 1412310  
Conc: 10.67 ug/ml



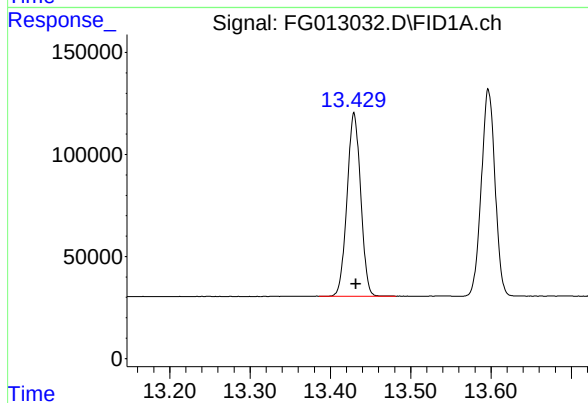
#10 n-Eicosane (C20)

R.T.: 12.983 min  
Delta R.T.: -0.001 min  
Response: 1230370  
Conc: 10.73 ug/ml



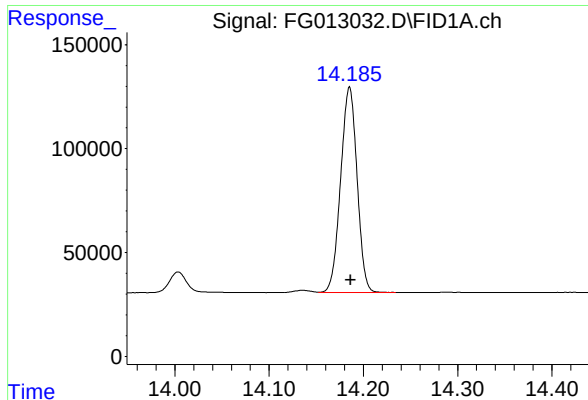
#11 n-Heneicosane (C21)

R.T.: 13.597 min  
Delta R.T.: -0.002 min  
Response: 1200144  
Conc: 10.71 ug/ml



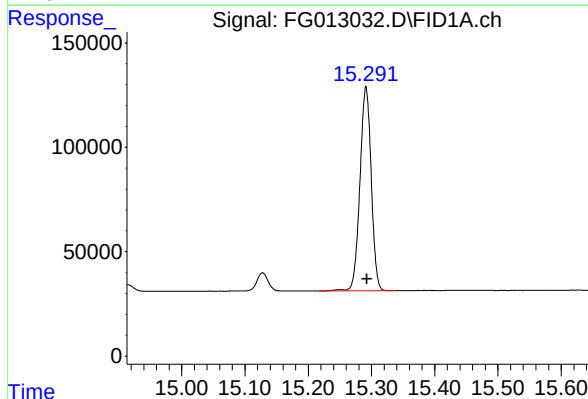
#12 1-chlorooctadecane (SURR)

R.T.: 13.429 min  
Delta R.T.: -0.002 min  
Response: 1058213  
Conc: 10.65 ug/ml



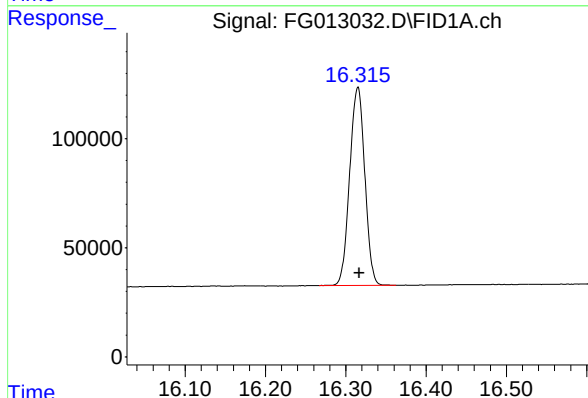
#13 n-Docosane (C22)

R.T.: 14.185 min  
Delta R.T.: -0.001 min  
Response: 1199002  
Conc: 10.77 ug/ml



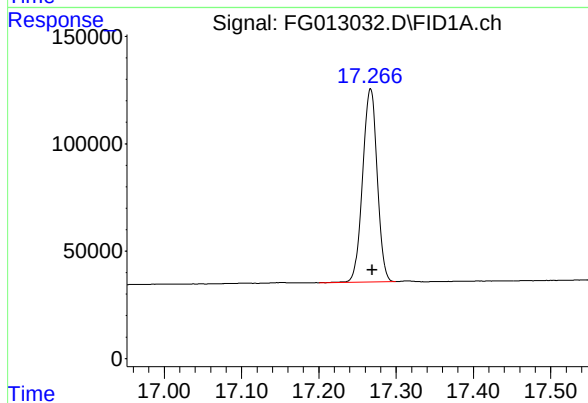
#14 n-Tetracosane (C24)

R.T.: 15.291 min  
Delta R.T.: -0.002 min  
Response: 1210094  
Conc: 10.94 ug/ml



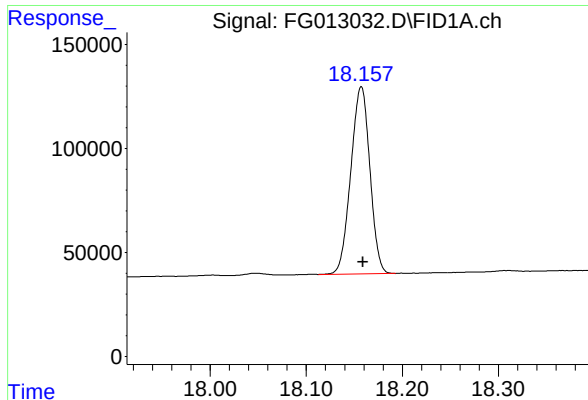
#15 n-Hexacosane (C26)

R.T.: 16.315 min  
Delta R.T.: -0.002 min  
Response: 1188798  
Conc: 10.97 ug/ml



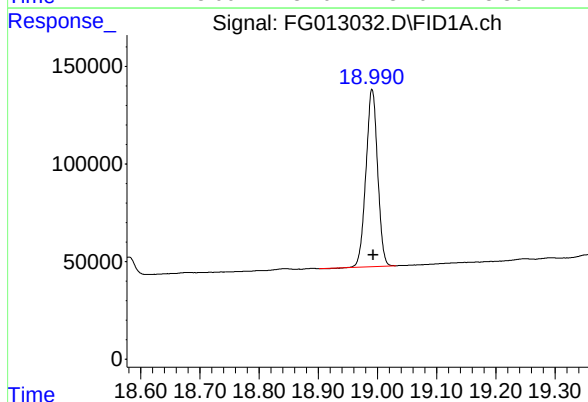
#16 n-Octacosane (C28)

R.T.: 17.267 min  
Delta R.T.: -0.002 min  
Response: 1180936  
Conc: 11.08 ug/ml



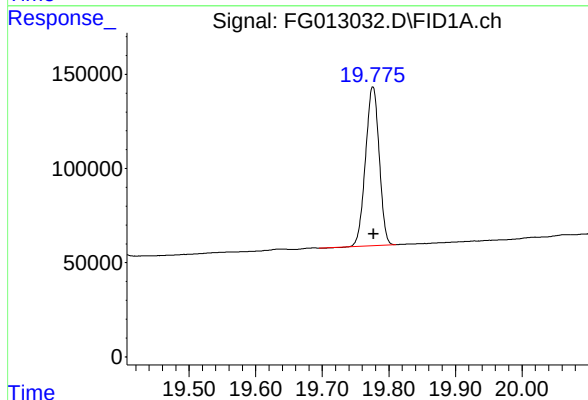
#17 n-Tricontane (C30)

R.T.: 18.157 min  
Delta R.T.: -0.002 min  
Response: 1244149  
Conc: 11.31 ug/ml



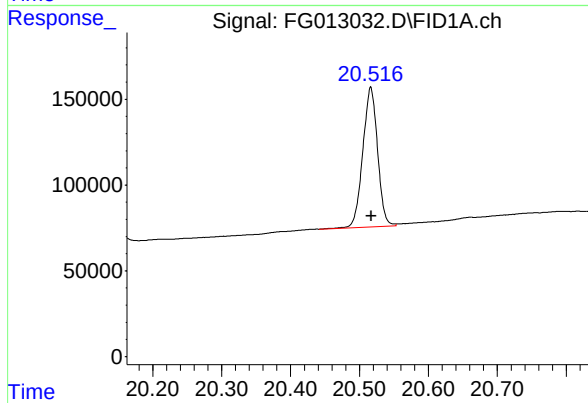
#18 n-Dotriacontane (C32)

R.T.: 18.991 min  
Delta R.T.: -0.002 min  
Response: 1244247  
Conc: 11.36 ug/ml



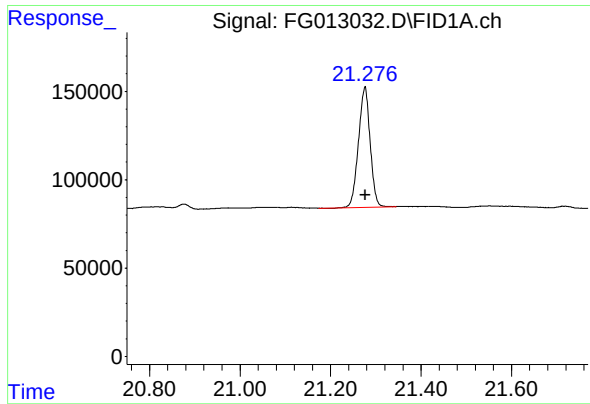
#19 n-Tetratriacontane (C34)

R.T.: 19.776 min  
Delta R.T.: -0.001 min  
Response: 1204682  
Conc: 11.17 ug/ml



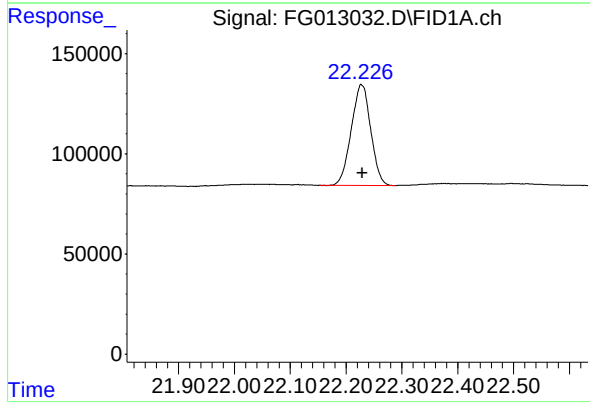
#20 n-Hexatriacontane (C36)

R.T.: 20.516 min  
Delta R.T.: 0.000 min  
Response: 1214291  
Conc: 11.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.276 min  
Delta R.T.: 0.000 min  
Response: 1212347  
Conc: 10.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.227 min  
Delta R.T.: -0.002 min  
Response: 1222924  
Conc: 10.73 ug/ml