

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071624AL\  
 Data File : FE049141.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Jul 2024 20:50  
 Operator : YP\AJ  
 Sample : PB162082BSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 17 01:39:41 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062124.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 20 17:53:58 2024  
 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.354 | 4200915    | 32.669 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 65.34%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.304  | 4136515    | 27.514 ug/ml |
| 2) T n-Decane (C10)            | 4.554  | 5151076    | 33.472 ug/ml |
| 4) T n-Dodecane (C12)          | 6.721  | 5638966    | 36.528 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.550  | 6176187    | 40.298 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.158 | 6644831    | 42.498 ug/ml |
| 8) T n-Octadecane (C18)        | 11.601 | 7118496    | 44.634 ug/ml |
| 10) T n-Eicosane (C20)         | 12.910 | 7471672    | 48.193 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.522 | 7309486    | 48.005 ug/ml |
| 13) T n-Docosane (C22)         | 14.108 | 7298377    | 48.259 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.211 | 7310446    | 48.646 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.231 | 7304398    | 49.477 ug/ml |
| 16) T n-Octacosane (C28)       | 17.181 | 7285249    | 50.516 ug/ml |
| 17) T n-Tricontane (C30)       | 18.067 | 7441575    | 50.866 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.899 | 7561084    | 52.882 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.681 | 7692424    | 55.593 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.421 | 7494975    | 57.668 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.158 | 7707122    | 60.120 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.067 | 7430282    | 60.675 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

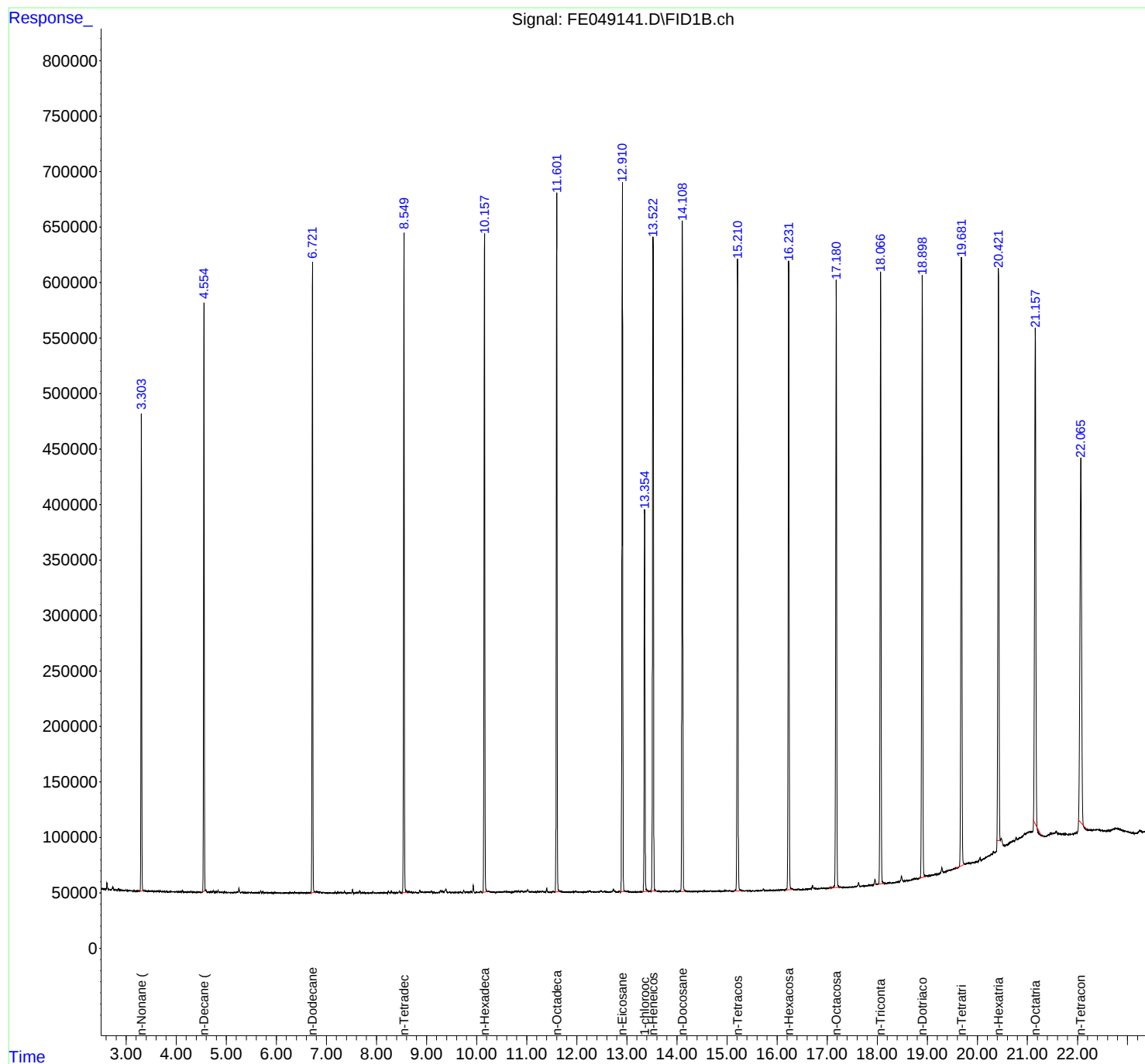
(m)=manual int.

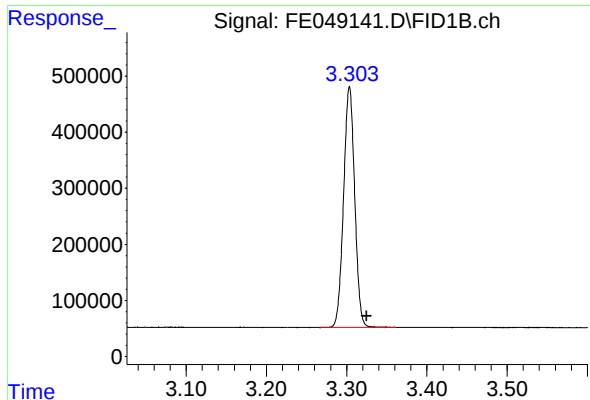
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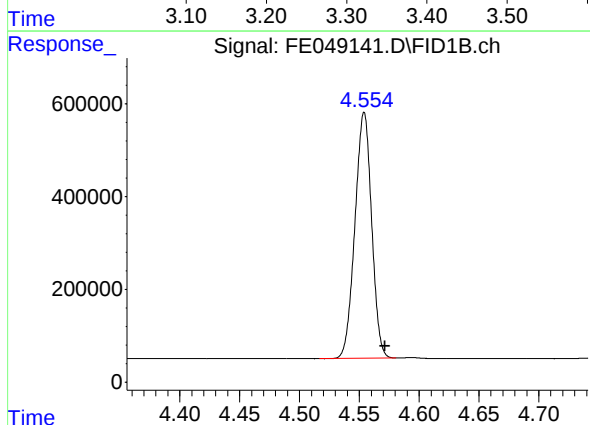
#1 n-Nonane (C9)

R.T.: 3.304 min  
Delta R.T.: -0.021 min  
Response: 4136515  
Conc: 27.51 ug/ml

Instrument :

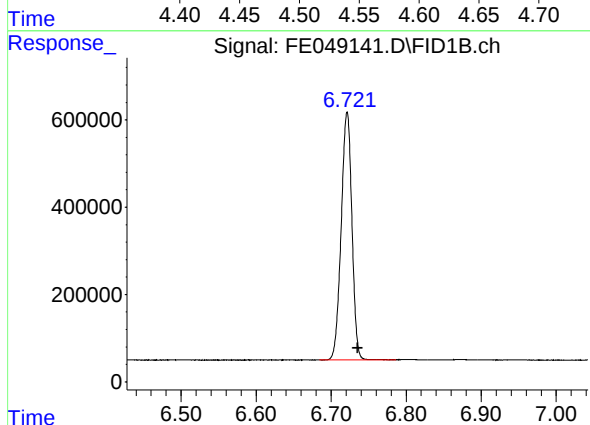
FID\_E

ClientSampleId :



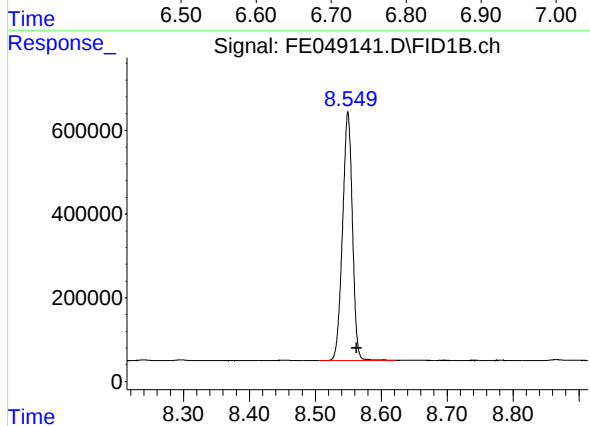
#2 n-Decane (C10)

R.T.: 4.554 min  
Delta R.T.: -0.017 min  
Response: 5151076  
Conc: 33.47 ug/ml



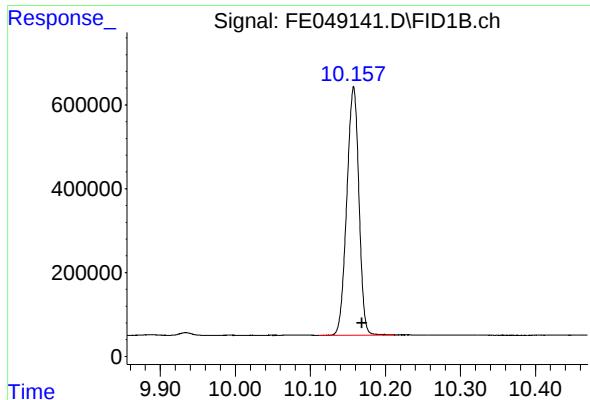
#4 n-Dodecane (C12)

R.T.: 6.721 min  
Delta R.T.: -0.014 min  
Response: 5638966  
Conc: 36.53 ug/ml



#6 n-Tetradecane (C14)

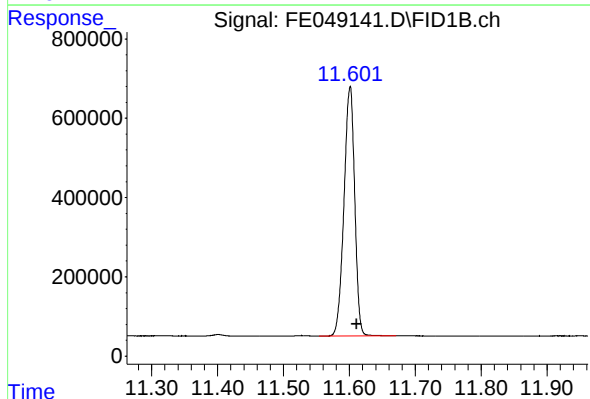
R.T.: 8.550 min  
Delta R.T.: -0.013 min  
Response: 6176187  
Conc: 40.30 ug/ml



#7 n-Hexadecane (C16)

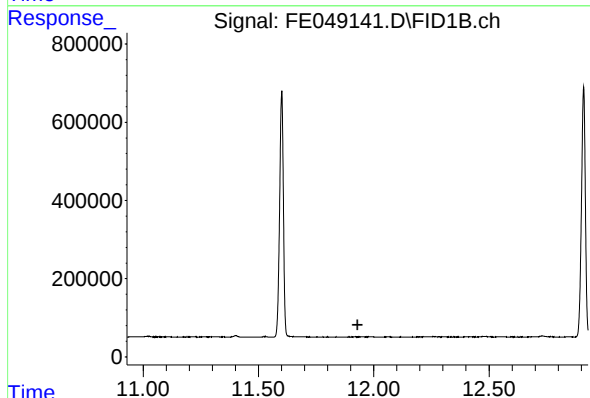
R.T.: 10.158 min  
Delta R.T.: -0.011 min  
Response: 6644831  
Conc: 42.50 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



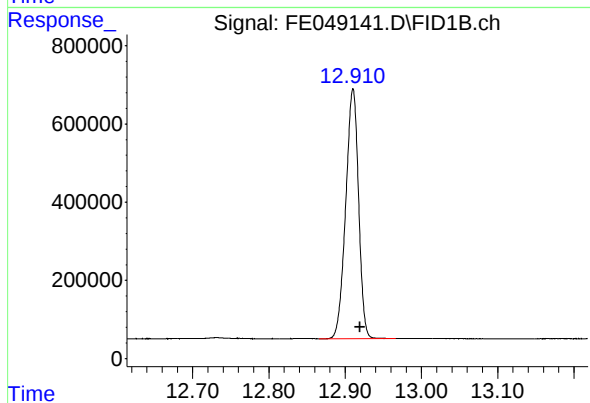
#8 n-Octadecane (C18)

R.T.: 11.601 min  
Delta R.T.: -0.010 min  
Response: 7118496  
Conc: 44.63 ug/ml



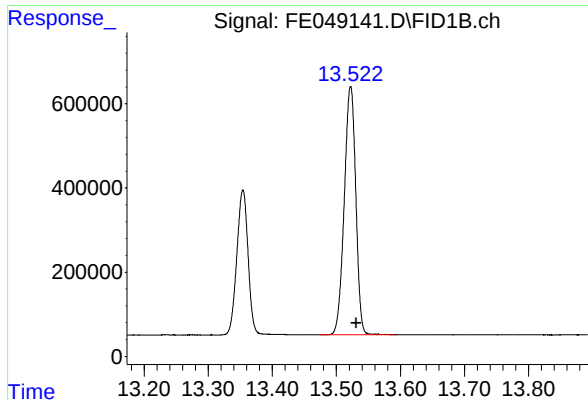
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T.: 11.930 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.910 min  
Delta R.T.: -0.009 min  
Response: 7471672  
Conc: 48.19 ug/ml



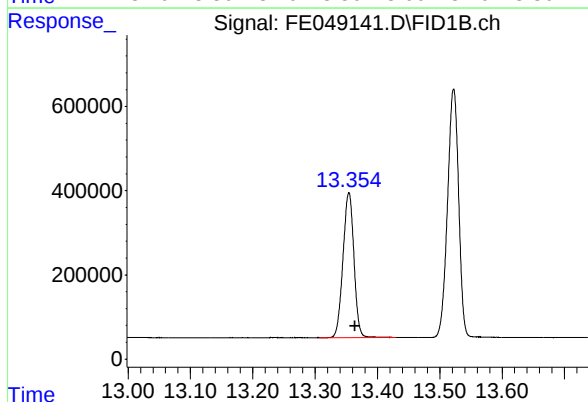
#11 n-Heneicosane (C21)

R.T.: 13.522 min  
Delta R.T.: -0.009 min  
Response: 7309486  
Conc: 48.01 ug/ml

Instrument :

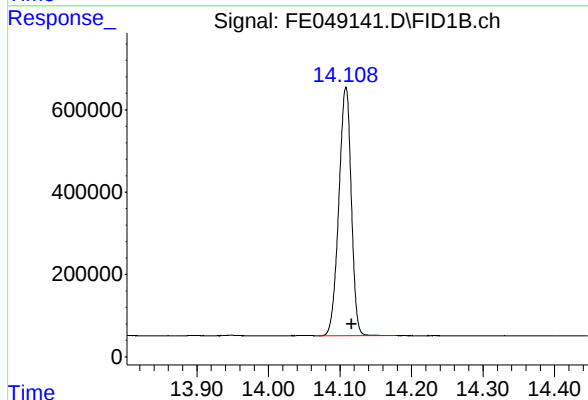
FID\_E

ClientSampleId :



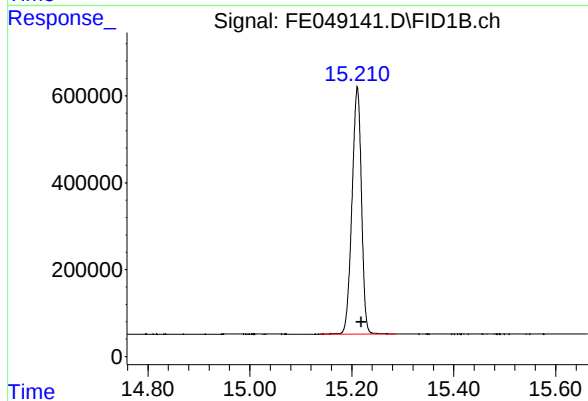
#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min  
Delta R.T.: -0.009 min  
Response: 4200915  
Conc: 32.67 ug/ml



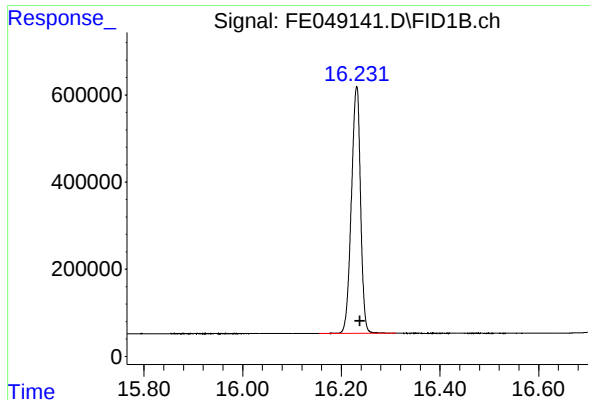
#13 n-Docosane (C22)

R.T.: 14.108 min  
Delta R.T.: -0.008 min  
Response: 7298377  
Conc: 48.26 ug/ml



#14 n-Tetracosane (C24)

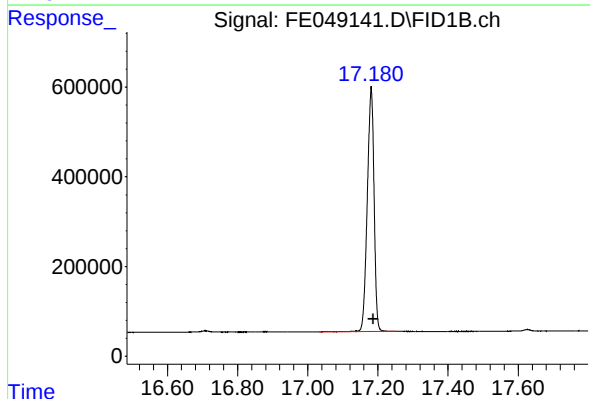
R.T.: 15.211 min  
Delta R.T.: -0.008 min  
Response: 7310446  
Conc: 48.65 ug/ml



#15 n-Hexacosane (C26)

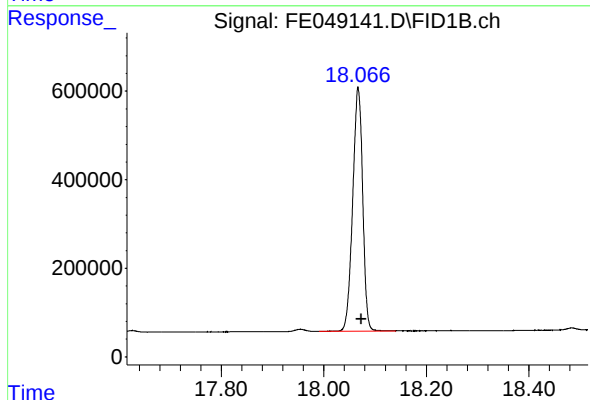
R.T.: 16.231 min  
Delta R.T.: -0.007 min  
Response: 7304398  
Conc: 49.48 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



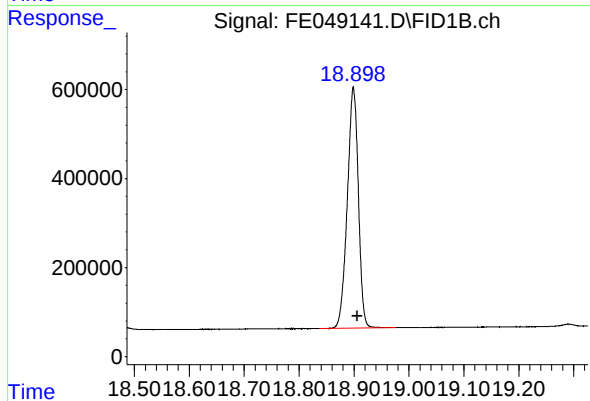
#16 n-Octacosane (C28)

R.T.: 17.181 min  
Delta R.T.: -0.005 min  
Response: 7285249  
Conc: 50.52 ug/ml



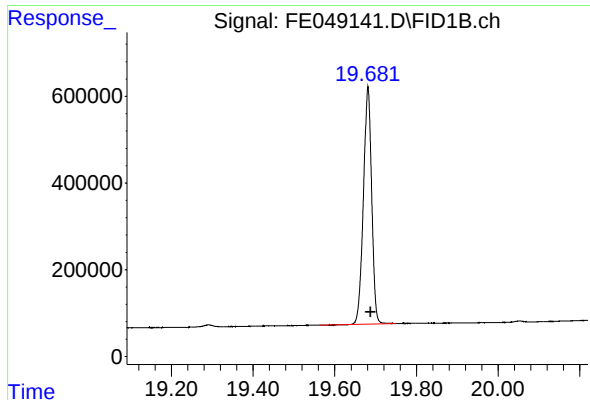
#17 n-Tricontane (C30)

R.T.: 18.067 min  
Delta R.T.: -0.006 min  
Response: 7441575  
Conc: 50.87 ug/ml



#18 n-Dotriacontane (C32)

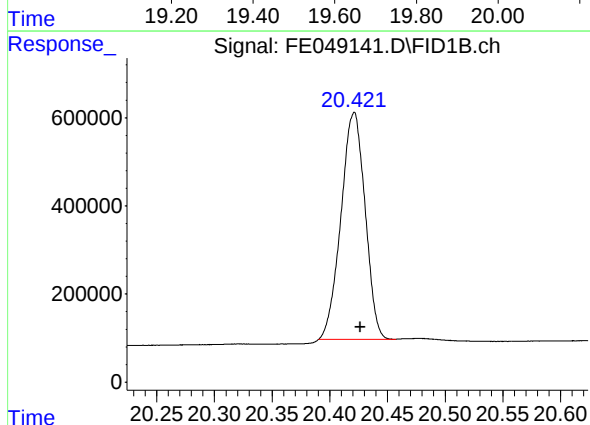
R.T.: 18.899 min  
Delta R.T.: -0.007 min  
Response: 7561084  
Conc: 52.88 ug/ml



#19 n-Tetratriacontane (C34)

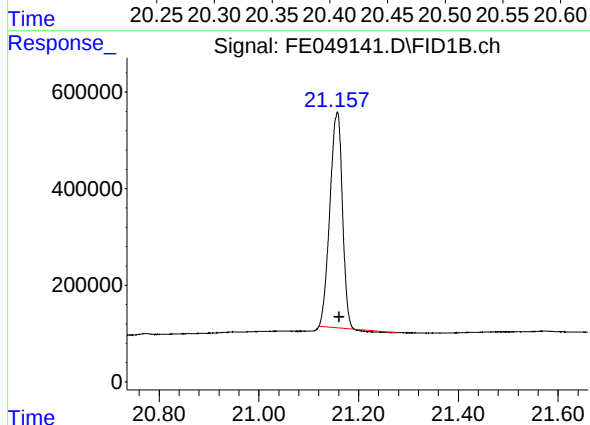
R.T.: 19.681 min  
Delta R.T.: -0.007 min  
Response: 7692424  
Conc: 55.59 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



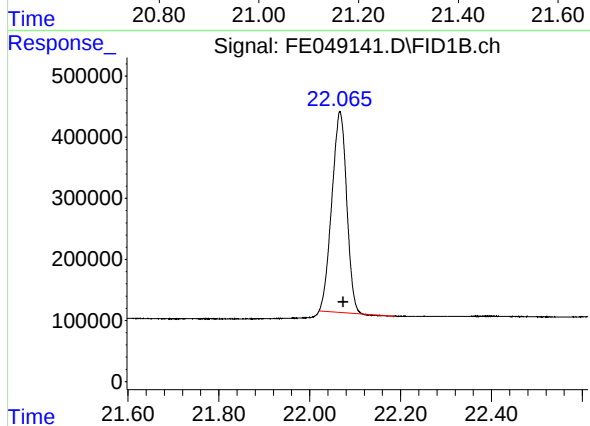
#20 n-Hexatriacontane (C36)

R.T.: 20.421 min  
Delta R.T.: -0.005 min  
Response: 7494975  
Conc: 57.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.158 min  
Delta R.T.: -0.004 min  
Response: 7707122  
Conc: 60.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.067 min  
Delta R.T.: -0.008 min  
Response: 7430282  
Conc: 60.68 ug/ml