

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101121AL\  
 Data File : FD039076.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Oct 2021 19:28  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 12 03:50:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 092921.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 30 02:13:43 2021  
 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)    | 11.677 | 2465644    | 17.372 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.74%       |
| 12) S 1-chlorooctadecane (S... | 13.103 | 1913502    | 17.017 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.03%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.439  | 2390643    | 18.953 ug/ml |
| 2) T n-Decane (C10)            | 4.507  | 2415706    | 18.928 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.099  | 2664010    | 18.708 ug/ml |
| 4) T n-Dodecane (C12)          | 6.523  | 2413035    | 18.842 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.154  | 2661745    | 18.593 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.316  | 2411351    | 18.583 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.914  | 2384559    | 18.283 ug/ml |
| 8) T n-Octadecane (C18)        | 11.352 | 2378338    | 17.783 ug/ml |
| 10) T n-Eicosane (C20)         | 12.658 | 2299052    | 17.335 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.268 | 2280397    | 17.030 ug/ml |
| 13) T n-Docosane (C22)         | 13.853 | 2223034    | 16.759 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.951 | 2146157    | 16.197 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.968 | 2035286    | 15.812 ug/ml |
| 16) T n-Octacosane (C28)       | 16.914 | 1963681    | 15.573 ug/ml |
| 17) T n-Tricontane (C30)       | 17.797 | 1906911    | 15.634 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.627 | 1859147    | 16.036 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.406 | 1861930    | 17.249 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.144 | 1822960    | 18.630 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.883 | 1810154    | 20.164 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.810 | 1864710    | 21.168 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

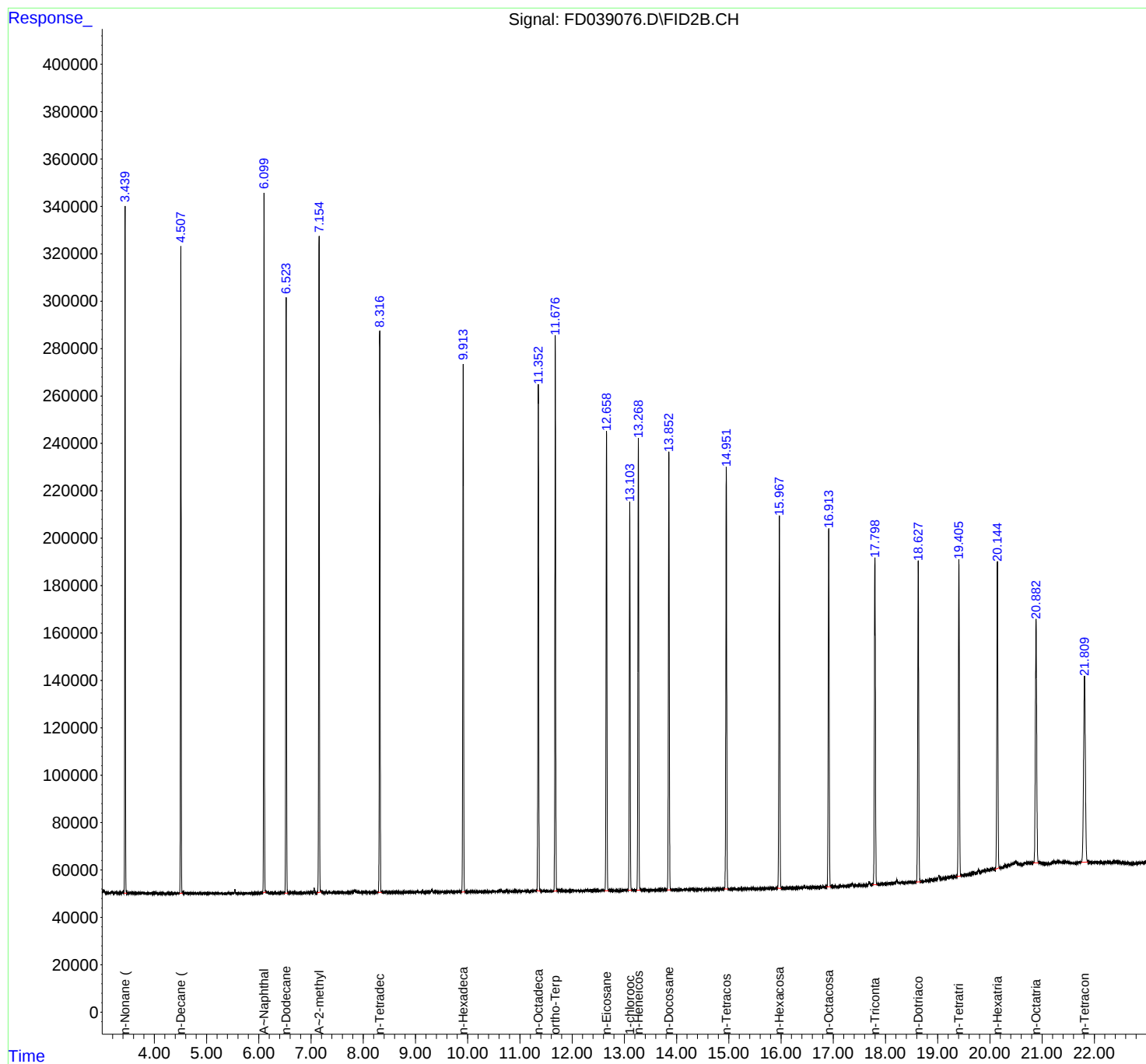
(m)=manual int.

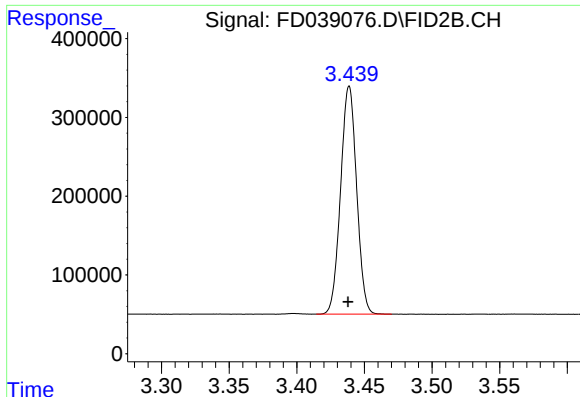
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101121AL\  
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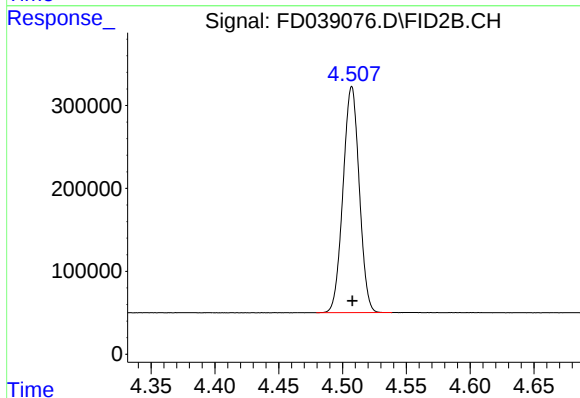




#1 n-Nonane (C9)

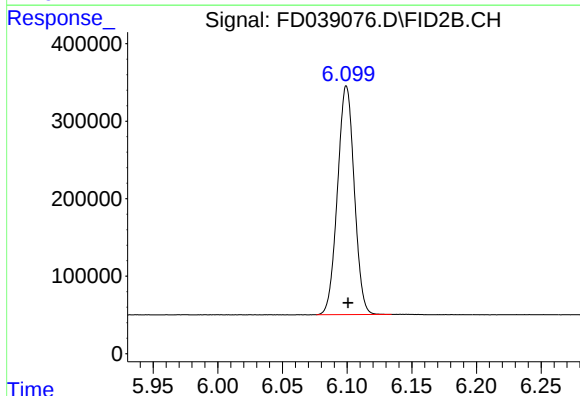
R.T.: 3.439 min  
Delta R.T.: 0.000 min  
Response: 2390643  
Conc: 18.95 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



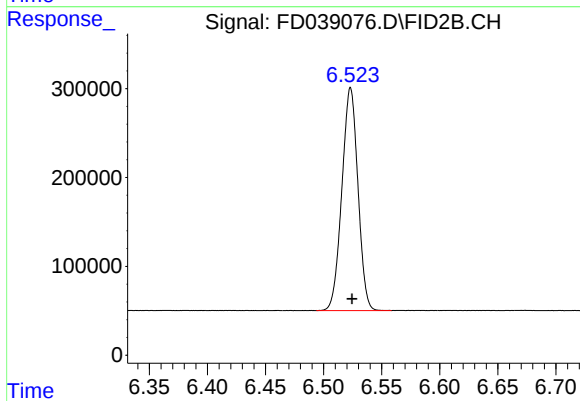
#2 n-Decane (C10)

R.T.: 4.507 min  
Delta R.T.: 0.000 min  
Response: 2415706  
Conc: 18.93 ug/ml



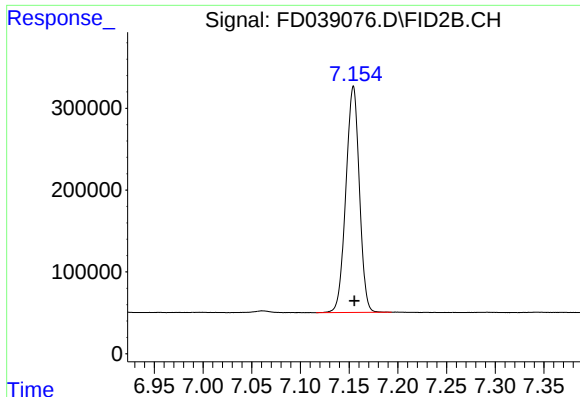
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min  
Delta R.T.: -0.001 min  
Response: 2664010  
Conc: 18.71 ug/ml



#4 n-Dodecane (C12)

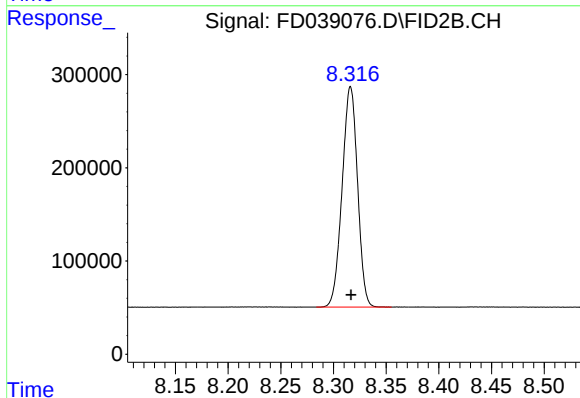
R.T.: 6.523 min  
Delta R.T.: -0.001 min  
Response: 2413035  
Conc: 18.84 ug/ml



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

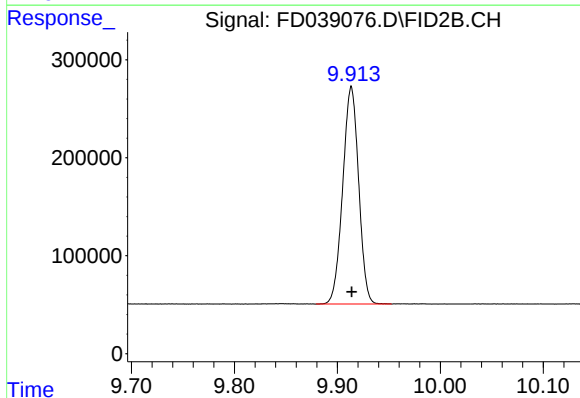
R.T.: 7.154 min  
Delta R.T.: -0.001 min  
Response: 2661745  
Conc: 18.59 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



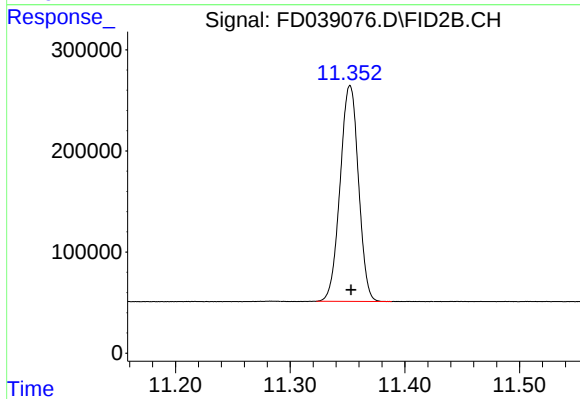
#6 n-Tetradecane (C14)

R.T.: 8.316 min  
Delta R.T.: 0.000 min  
Response: 2411351  
Conc: 18.58 ug/ml



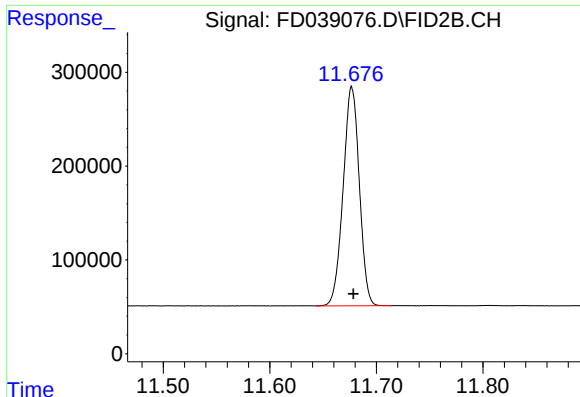
#7 n-Hexadecane (C16)

R.T.: 9.914 min  
Delta R.T.: 0.000 min  
Response: 2384559  
Conc: 18.28 ug/ml



#8 n-Octadecane (C18)

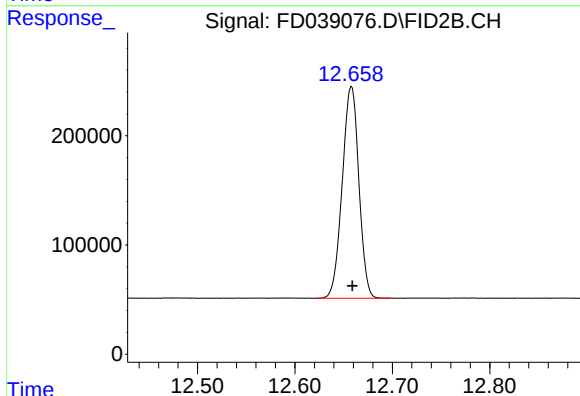
R.T.: 11.352 min  
Delta R.T.: 0.000 min  
Response: 2378338  
Conc: 17.78 ug/ml



#9 ortho-Terphenyl (SURR)

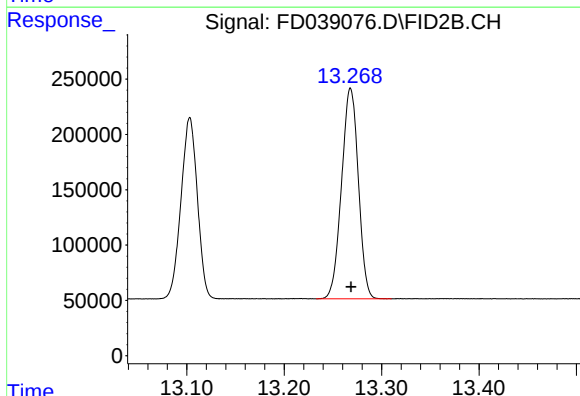
R.T.: 11.677 min  
Delta R.T.: -0.001 min  
Response: 2465644  
Conc: 17.37 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



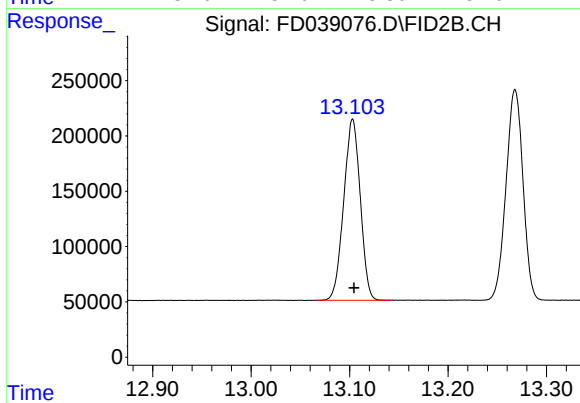
#10 n-Eicosane (C20)

R.T.: 12.658 min  
Delta R.T.: 0.000 min  
Response: 2299052  
Conc: 17.34 ug/ml



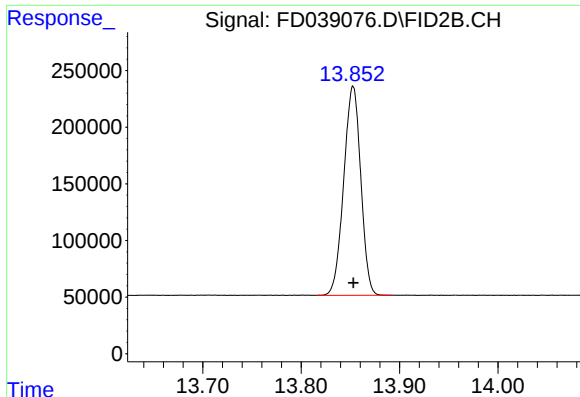
#11 n-Heneicosane (C21)

R.T.: 13.268 min  
Delta R.T.: 0.000 min  
Response: 2280397  
Conc: 17.03 ug/ml



#12 1-chlorooctadecane (SURR)

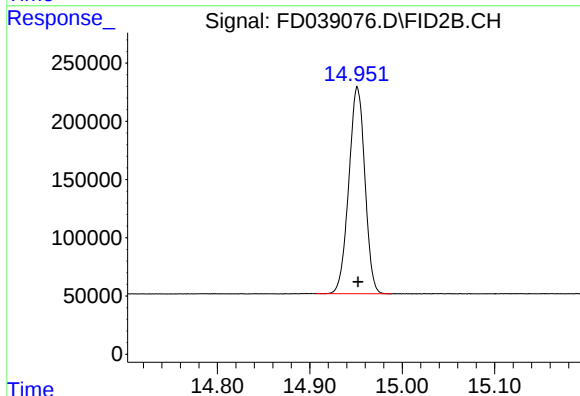
R.T.: 13.103 min  
Delta R.T.: -0.001 min  
Response: 1913502  
Conc: 17.02 ug/ml



#13 n-Docosane (C22)

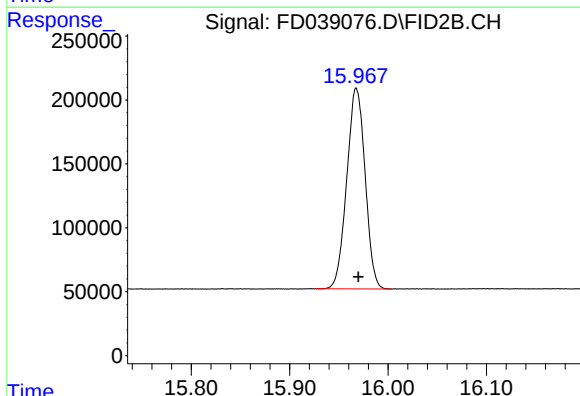
R.T.: 13.853 min  
Delta R.T.: 0.000 min  
Response: 2223034  
Conc: 16.76 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



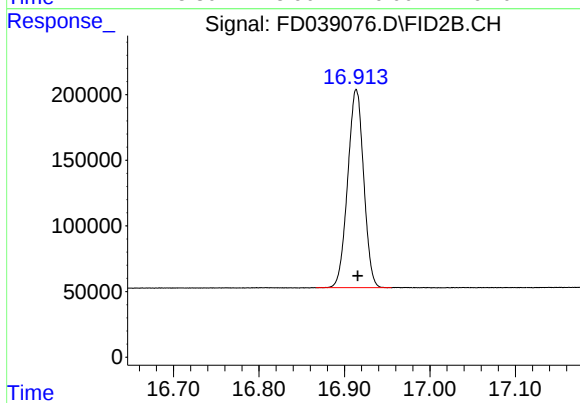
#14 n-Tetracosane (C24)

R.T.: 14.951 min  
Delta R.T.: 0.000 min  
Response: 2146157  
Conc: 16.20 ug/ml



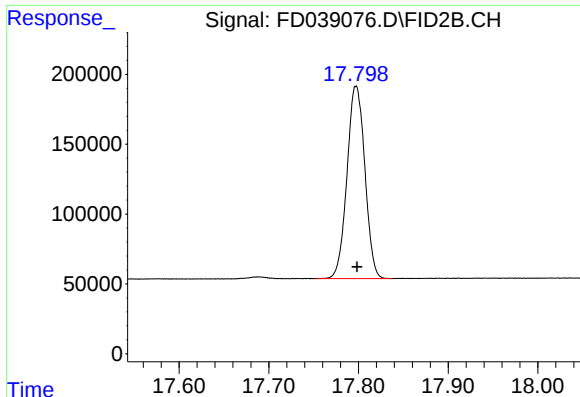
#15 n-Hexacosane (C26)

R.T.: 15.968 min  
Delta R.T.: -0.002 min  
Response: 2035286  
Conc: 15.81 ug/ml



#16 n-Octacosane (C28)

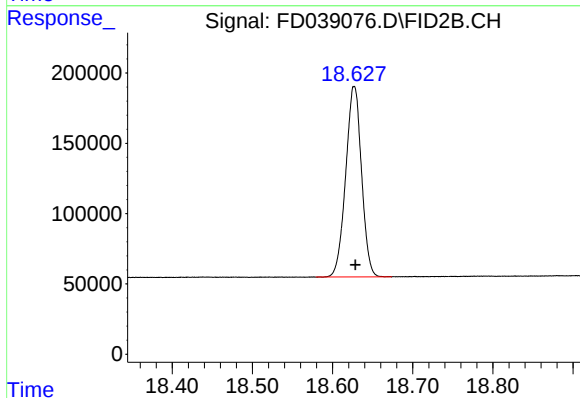
R.T.: 16.914 min  
Delta R.T.: -0.002 min  
Response: 1963681  
Conc: 15.57 ug/ml



#17 n-Tricontane (C30)

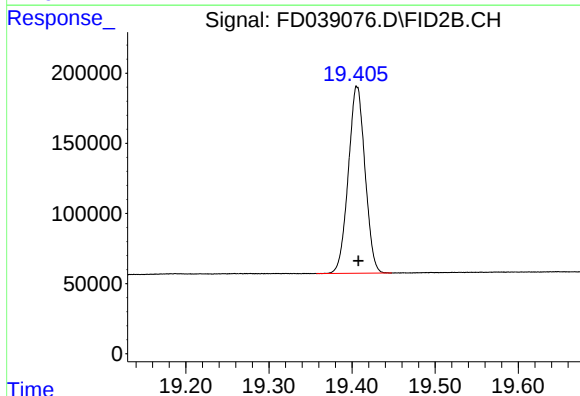
R.T.: 17.797 min  
Delta R.T.: -0.001 min  
Response: 1906911  
Conc: 15.63 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



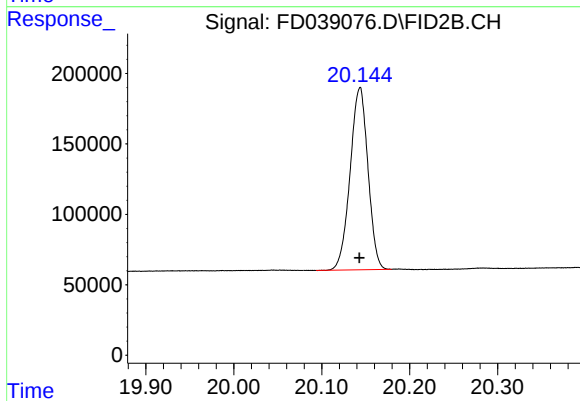
#18 n-Dotriacontane (C32)

R.T.: 18.627 min  
Delta R.T.: -0.002 min  
Response: 1859147  
Conc: 16.04 ug/ml



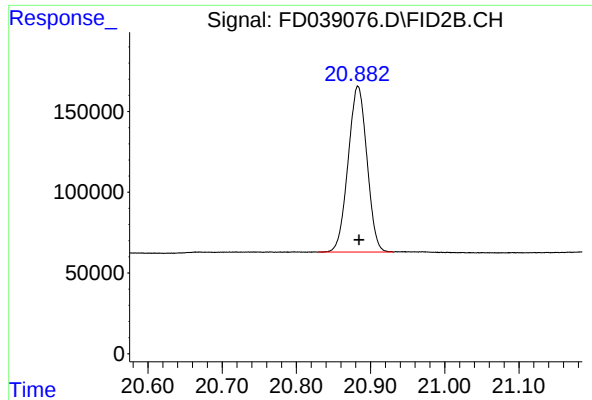
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min  
Delta R.T.: -0.002 min  
Response: 1861930  
Conc: 17.25 ug/ml



#20 n-Hexatriacontane (C36)

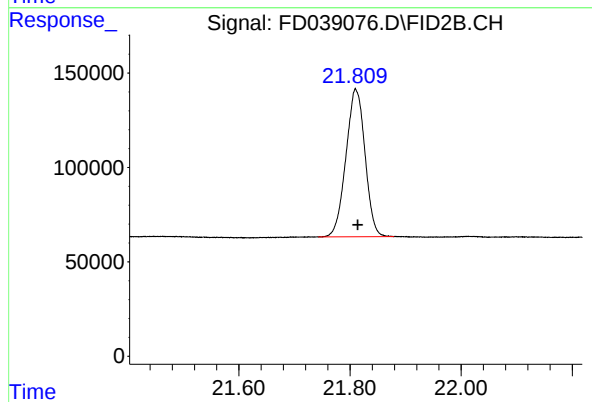
R.T.: 20.144 min  
Delta R.T.: 0.000 min  
Response: 1822960  
Conc: 18.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.883 min  
Delta R.T.: -0.001 min  
Response: 1810154  
Conc: 20.16 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.810 min  
Delta R.T.: -0.004 min  
Response: 1864710  
Conc: 21.17 ug/ml