

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080321AL\  
 Data File : FD038391.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Aug 2021 20:03  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 04 03:24:12 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 080321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 04 03:20:37 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)    | 11.369 | 2670086    | 19.561 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.12%       |
| 12) S 1-chlorooctadecane (S... | 12.807 | 2113071    | 19.650 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.30%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.197  | 2312426    | 19.697 ug/ml |
| 2) T n-Decane (C10)            | 4.249  | 2338752    | 19.836 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.813  | 2583281    | 19.790 ug/ml |
| 4) T n-Dodecane (C12)          | 6.251  | 2338727    | 19.696 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.863  | 2589259    | 19.787 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.036  | 2371623    | 19.514 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.628  | 2390924    | 19.563 ug/ml |
| 8) T n-Octadecane (C18)        | 11.063 | 2467708    | 19.600 ug/ml |
| 10) T n-Eicosane (C20)         | 12.366 | 2476082    | 19.643 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.975 | 2507684    | 19.645 ug/ml |
| 13) T n-Docosane (C22)         | 13.558 | 2501016    | 19.646 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.655 | 2537003    | 19.723 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.671 | 2514693    | 19.746 ug/ml |
| 16) T n-Octacosane (C28)       | 16.616 | 2527388    | 19.810 ug/ml |
| 17) T n-Tricontane (C30)       | 17.498 | 2514577    | 19.847 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.326 | 2447786    | 19.921 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.106 | 2393189    | 20.052 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.842 | 2244236    | 20.136 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.543 | 2087176    | 20.190 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.353 | 2024406    | 20.170 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

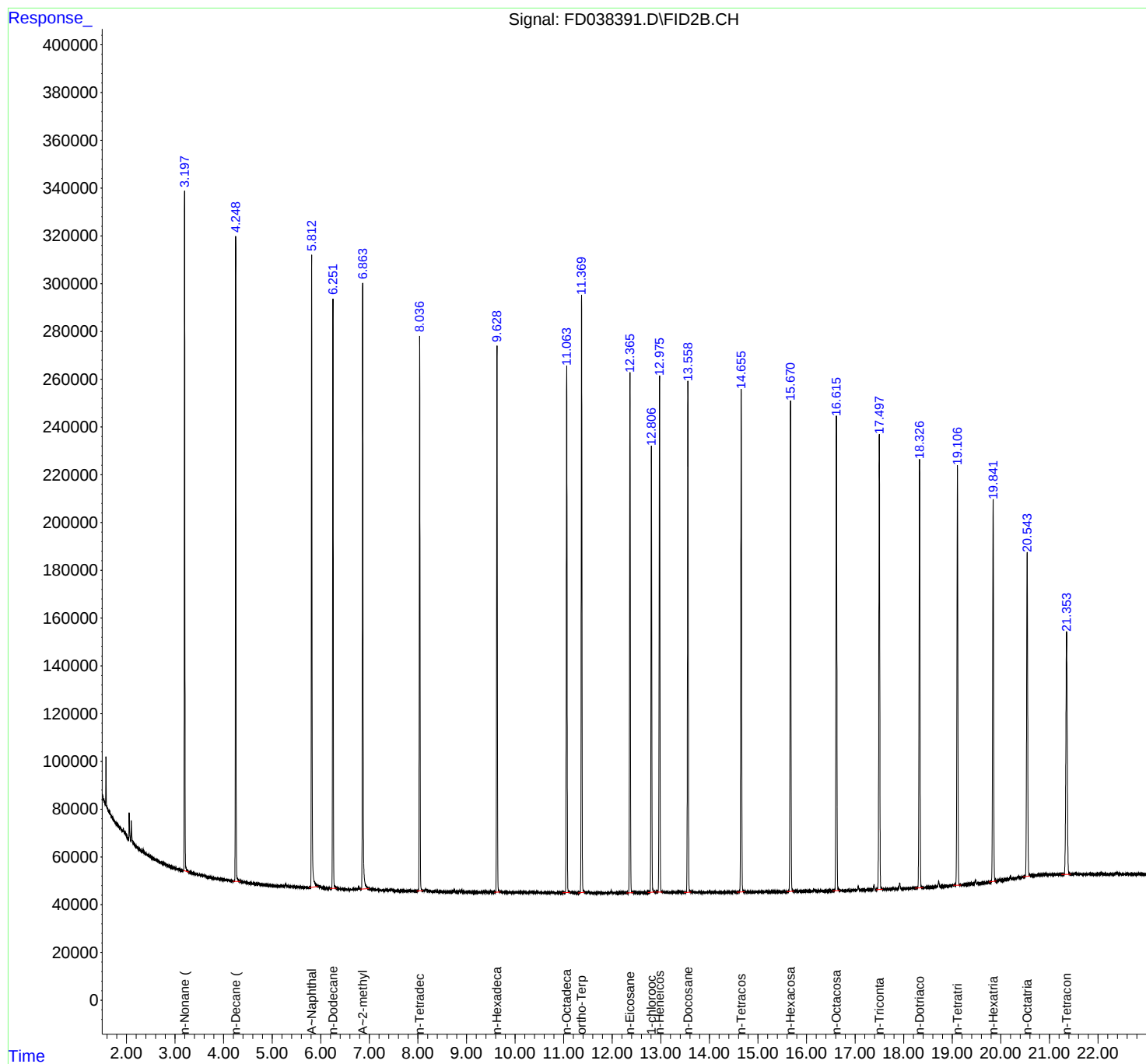
(m)=manual int.

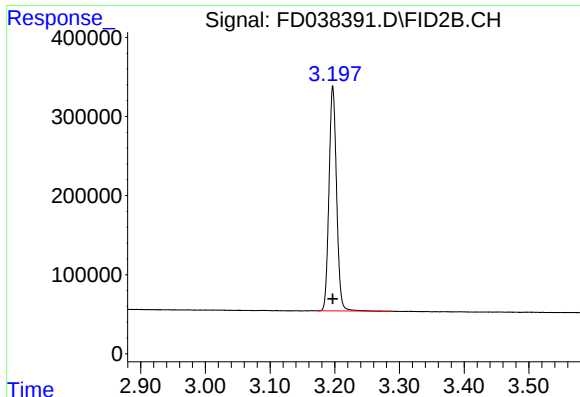
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080321AL\  
Data File : FD038391.D  
Signal(s) : FID2B.CH  
Acq On : 03 Aug 2021 20:03  
Operator : AJ\MA  
Sample : 20 PPM ALIPHATIC HC STD ICV  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
FID\_D  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Aug 04 03:24:12 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 080321.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 04 03:20:37 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

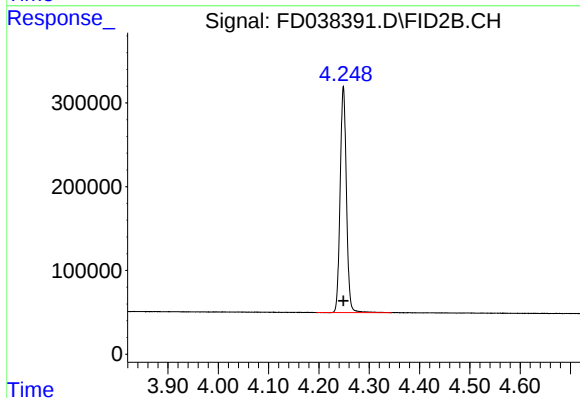




#1 n-Nonane (C9)

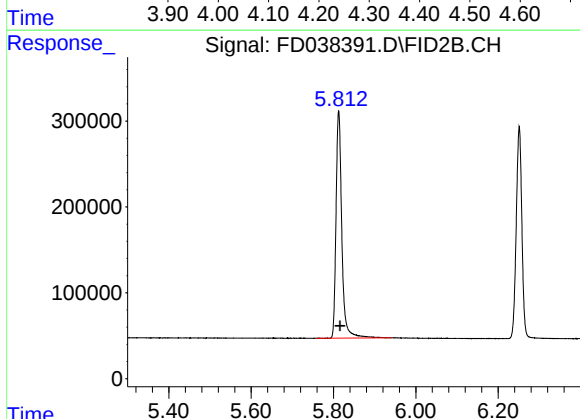
R.T.: 3.197 min  
Delta R.T.: 0.000 min  
Response: 2312426  
Conc: 19.70 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



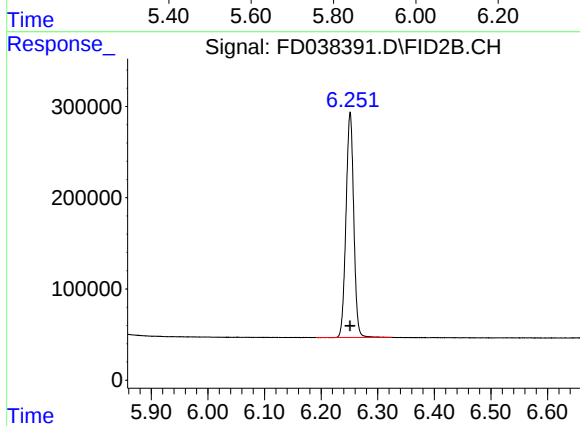
#2 n-Decane (C10)

R.T.: 4.249 min  
Delta R.T.: 0.000 min  
Response: 2338752  
Conc: 19.84 ug/ml



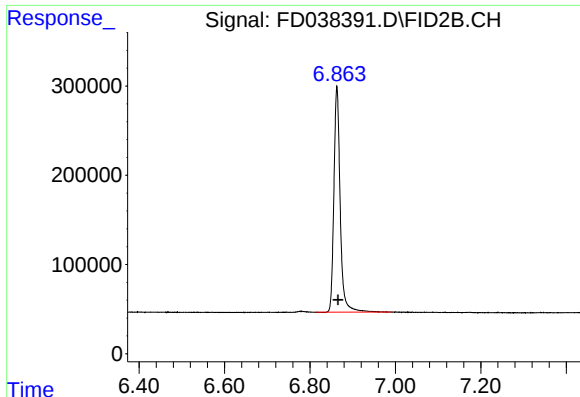
#3 A~Naphthalene (C11.7)

R.T.: 5.813 min  
Delta R.T.: -0.003 min  
Response: 2583281  
Conc: 19.79 ug/ml



#4 n-Dodecane (C12)

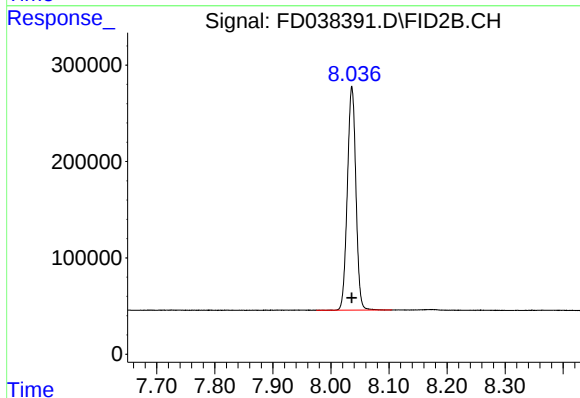
R.T.: 6.251 min  
Delta R.T.: 0.000 min  
Response: 2338727  
Conc: 19.70 ug/ml



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

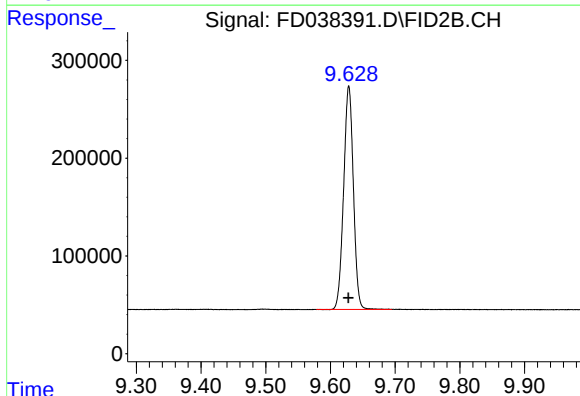
R.T.: 6.863 min  
Delta R.T.: -0.003 min  
Response: 2589259  
Conc: 19.79 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



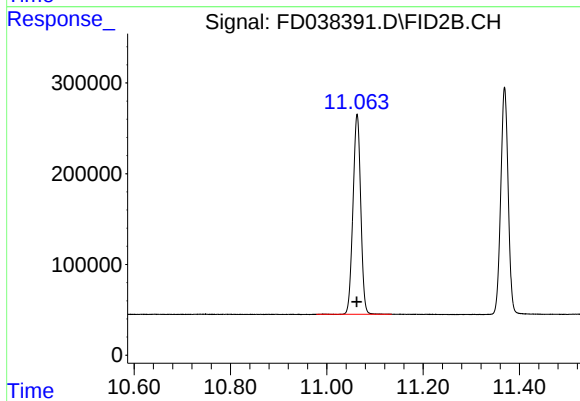
#6 n-Tetradecane (C14)

R.T.: 8.036 min  
Delta R.T.: 0.000 min  
Response: 2371623  
Conc: 19.51 ug/ml



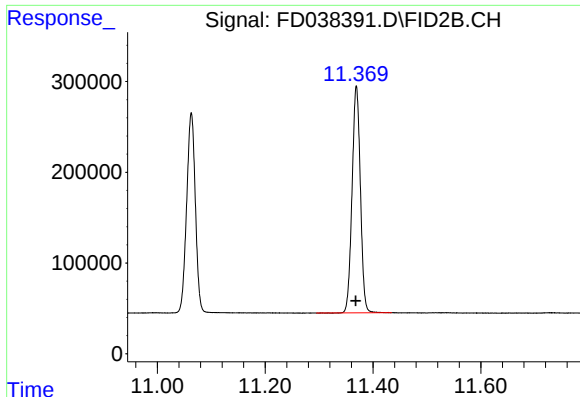
#7 n-Hexadecane (C16)

R.T.: 9.628 min  
Delta R.T.: 0.000 min  
Response: 2390924  
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

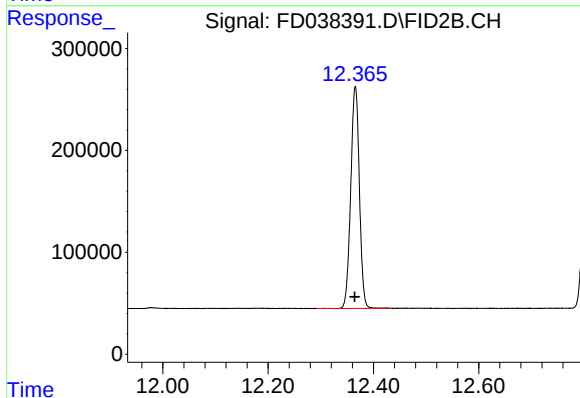
R.T.: 11.063 min  
Delta R.T.: 0.001 min  
Response: 2467708  
Conc: 19.60 ug/ml



#9 ortho-Terphenyl (SURR)

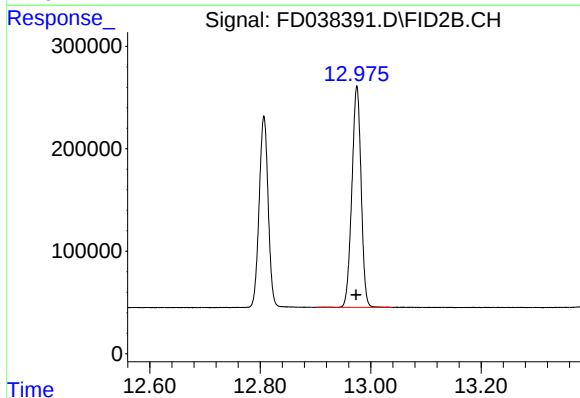
R.T.: 11.369 min  
Delta R.T.: 0.001 min  
Response: 2670086  
Conc: 19.56 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



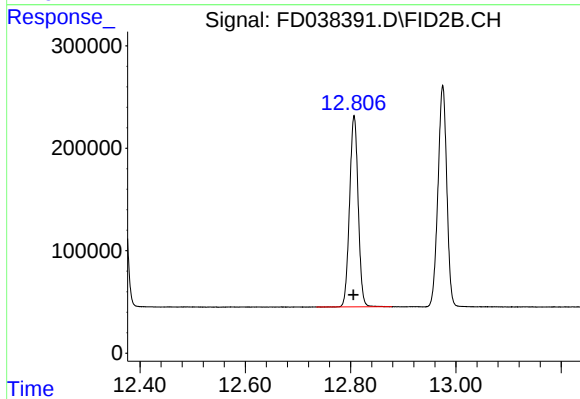
#10 n-Eicosane (C20)

R.T.: 12.366 min  
Delta R.T.: 0.001 min  
Response: 2476082  
Conc: 19.64 ug/ml



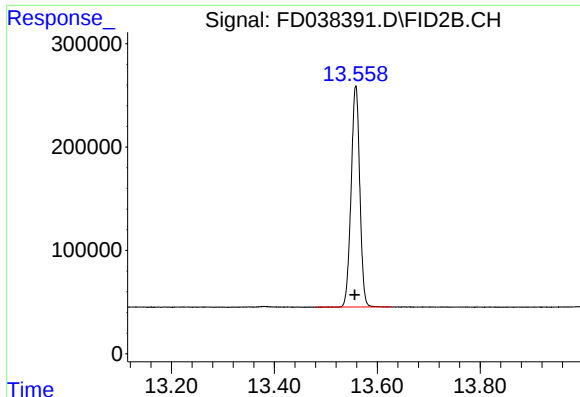
#11 n-Heneicosane (C21)

R.T.: 12.975 min  
Delta R.T.: 0.001 min  
Response: 2507684  
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

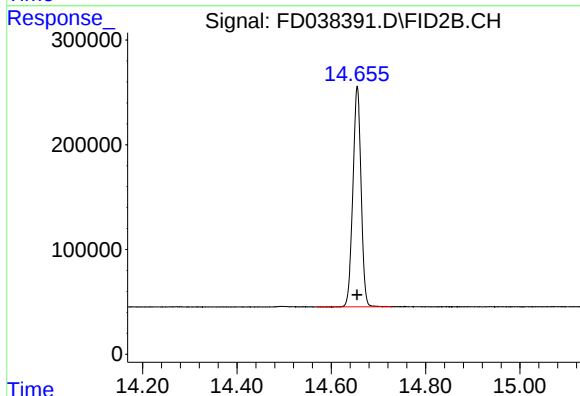
R.T.: 12.807 min  
Delta R.T.: 0.000 min  
Response: 2113071  
Conc: 19.65 ug/ml



#13 n-Docosane (C22)

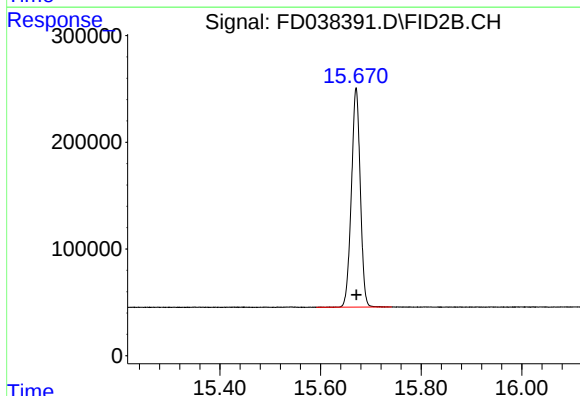
R.T.: 13.558 min  
Delta R.T.: 0.002 min  
Response: 2501016  
Conc: 19.65 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



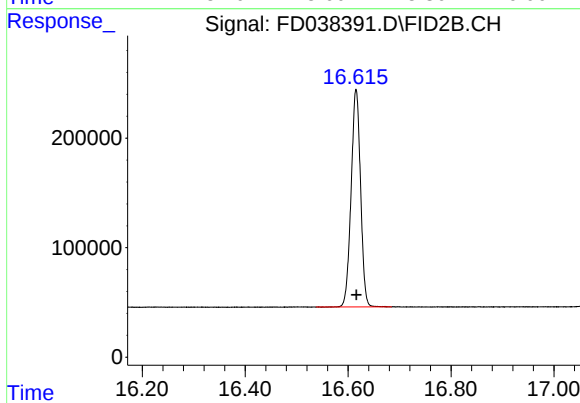
#14 n-Tetracosane (C24)

R.T.: 14.655 min  
Delta R.T.: 0.000 min  
Response: 2537003  
Conc: 19.72 ug/ml



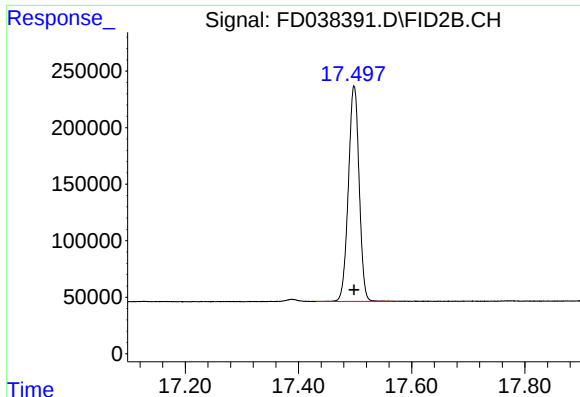
#15 n-Hexacosane (C26)

R.T.: 15.671 min  
Delta R.T.: 0.000 min  
Response: 2514693  
Conc: 19.75 ug/ml



#16 n-Octacosane (C28)

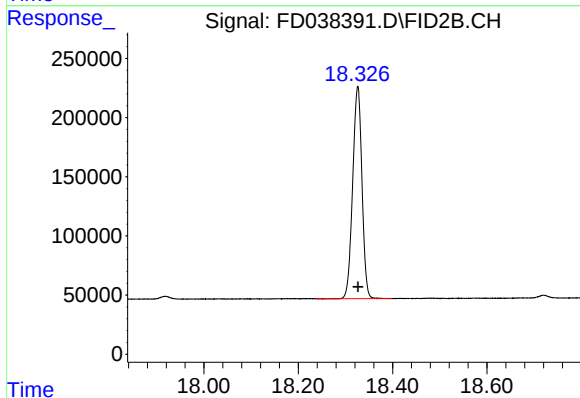
R.T.: 16.616 min  
Delta R.T.: 0.000 min  
Response: 2527388  
Conc: 19.81 ug/ml



#17 n-Tricontane (C30)

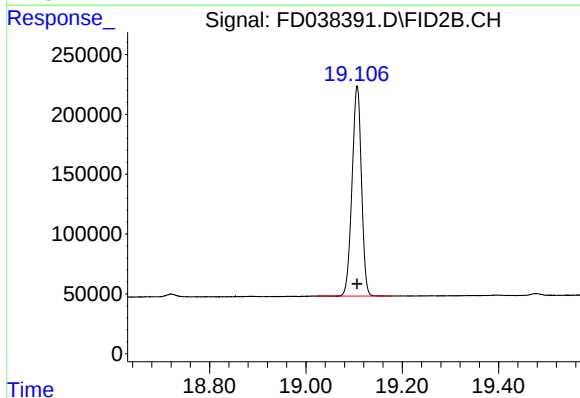
R.T.: 17.498 min  
Delta R.T.: 0.000 min  
Response: 2514577  
Conc: 19.85 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



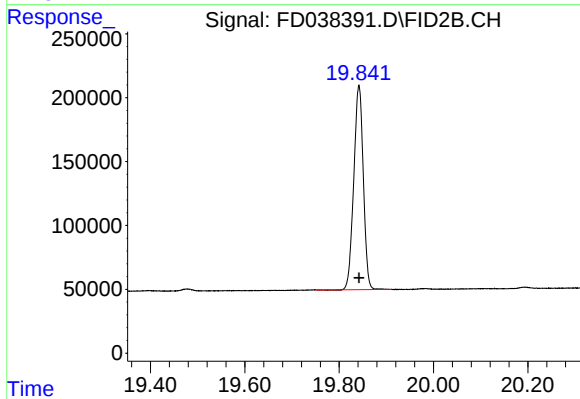
#18 n-Dotriacontane (C32)

R.T.: 18.326 min  
Delta R.T.: 0.000 min  
Response: 2447786  
Conc: 19.92 ug/ml



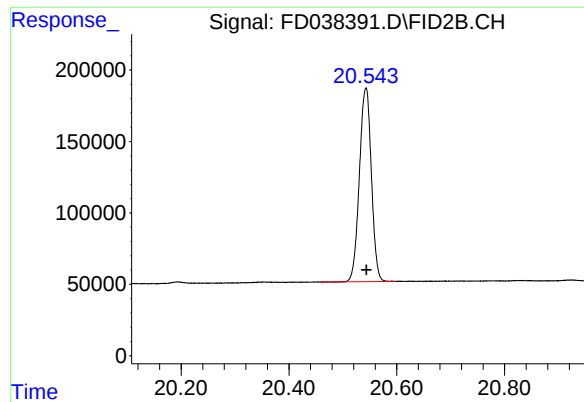
#19 n-Tetratriacontane (C34)

R.T.: 19.106 min  
Delta R.T.: 0.000 min  
Response: 2393189  
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

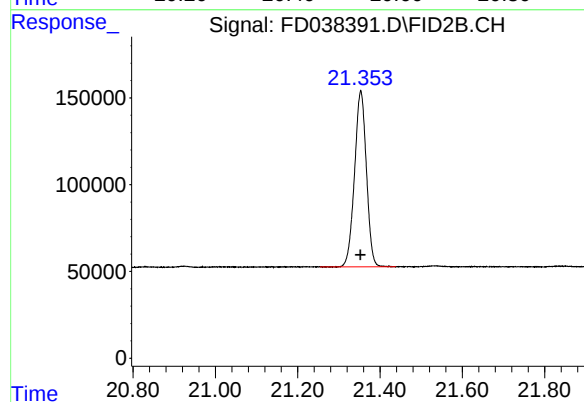
R.T.: 19.842 min  
Delta R.T.: 0.000 min  
Response: 2244236  
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.543 min  
Delta R.T.: 0.000 min  
Response: 2087176  
Conc: 20.19 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.353 min  
Delta R.T.: 0.001 min  
Response: 2024406  
Conc: 20.17 ug/ml