

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101719AL\  
 Data File : FD031095.D  
 Signal(s) : FID2B.CH  
 Acq On : 18 Oct 2019 7:45  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 18 08:02:41 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 101419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 15 07:46:23 2019  
 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)    | 11.439 | 2459973    | 19.614 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.23%       |
| 12) S 1-chlorooctadecane (S... | 12.867 | 1840342    | 19.656 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.31%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.267  | 2254443    | 21.552 ug/ml |
| 2) T n-Decane (C10)            | 4.322  | 2274825    | 21.701 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.892  | 2486906    | 21.703 ug/ml |
| 4) T n-Dodecane (C12)          | 6.325  | 2288458    | 21.396 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.941  | 2504579    | 21.727 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.107  | 2273231    | 21.137 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.697  | 2246650    | 20.862 ug/ml |
| 8) T n-Octadecane (C18)        | 11.128 | 2213842    | 20.249 ug/ml |
| 10) T n-Eicosane (C20)         | 12.427 | 2163373    | 19.785 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.034 | 2159530    | 19.648 ug/ml |
| 13) T n-Docosane (C22)         | 13.616 | 2130856    | 19.484 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.710 | 2097962    | 19.210 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.722 | 2017068    | 18.638 ug/ml |
| 16) T n-Octacosane (C28)       | 16.664 | 1978661    | 18.431 ug/ml |
| 17) T n-Tricontane (C30)       | 17.543 | 1972318    | 18.516 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.369 | 1946282    | 18.906 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.145 | 1915762    | 19.494 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.878 | 1837089    | 19.943 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.581 | 1767840    | 20.428 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.409 | 1847064    | 20.787 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

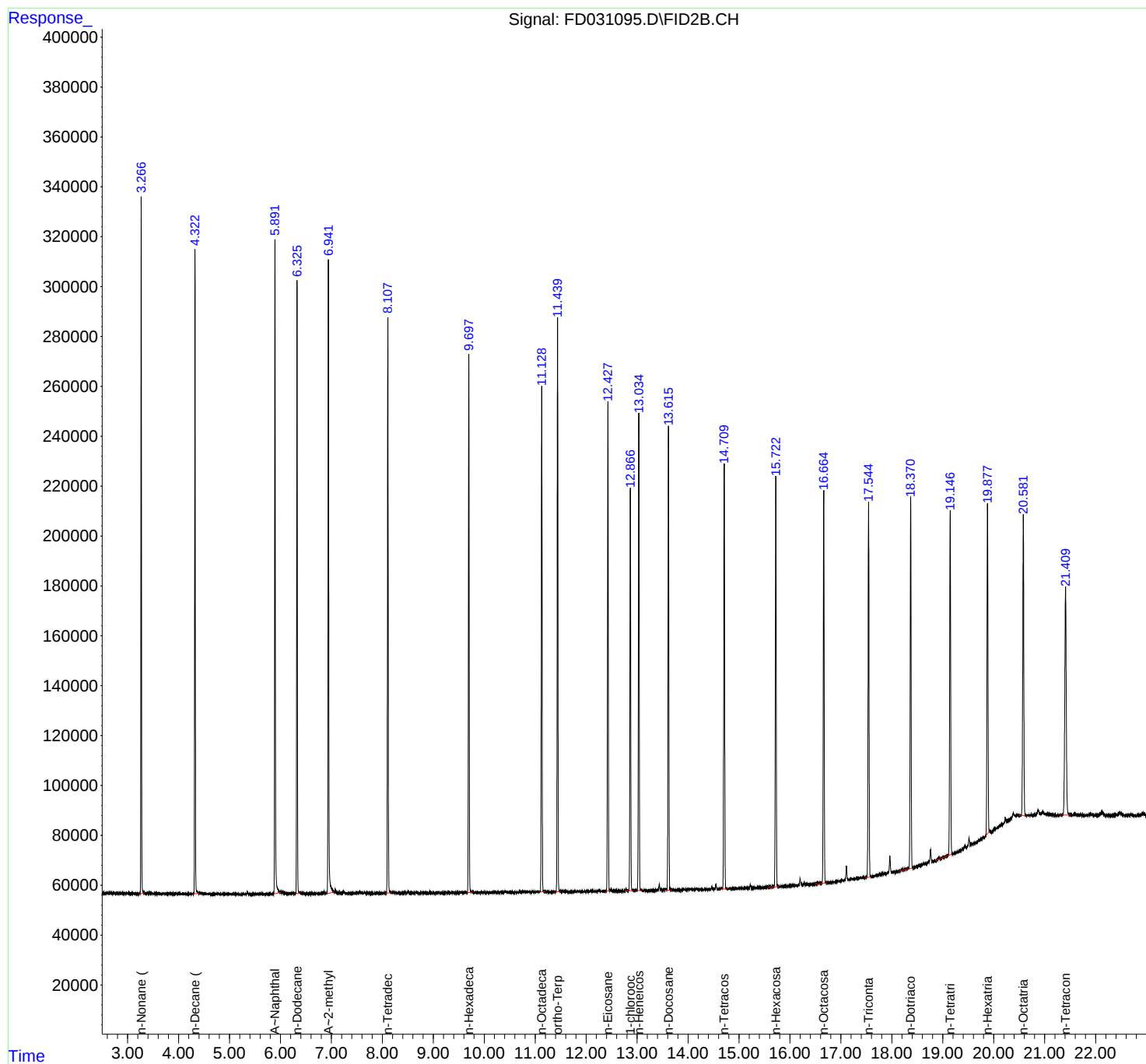
(m)=manual int.

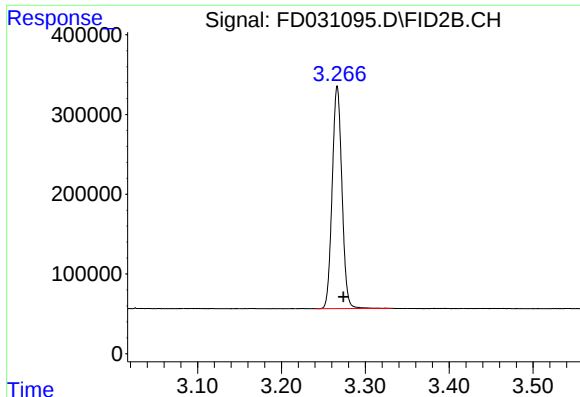
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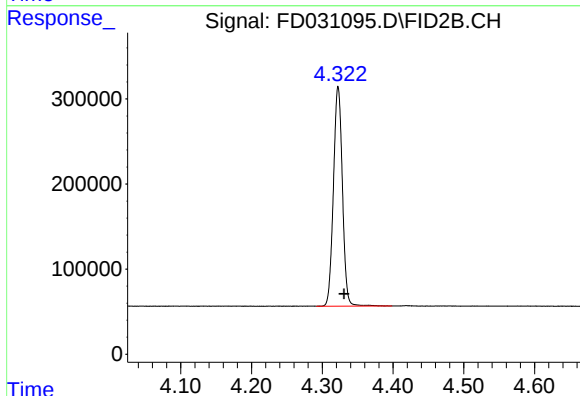




#1 n-Nonane (C9)

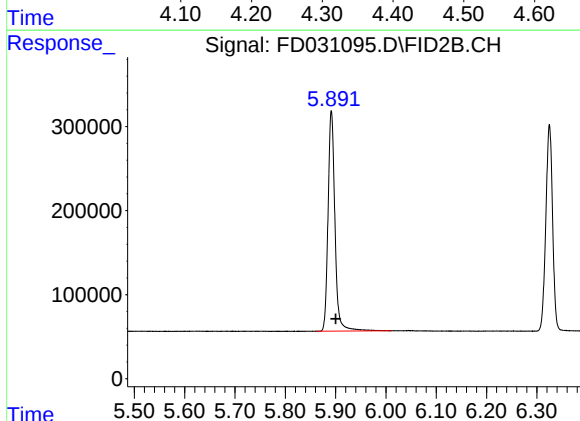
R.T.: 3.267 min  
Delta R.T.: -0.007 min  
Response: 2254443  
Conc: 21.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



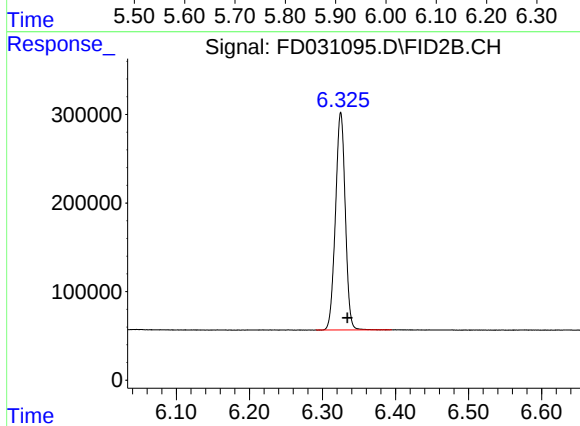
#2 n-Decane (C10)

R.T.: 4.322 min  
Delta R.T.: -0.008 min  
Response: 2274825  
Conc: 21.70 ug/ml



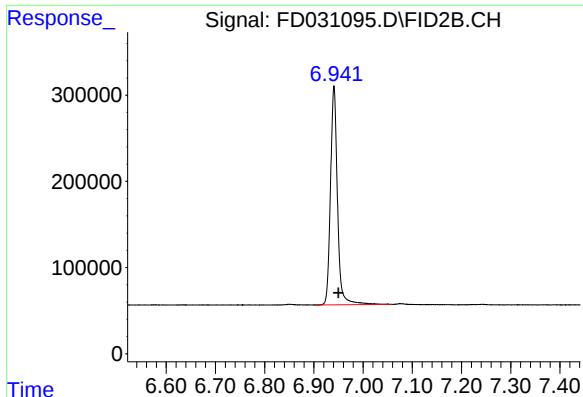
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min  
Delta R.T.: -0.009 min  
Response: 2486906  
Conc: 21.70 ug/ml



#4 n-Dodecane (C12)

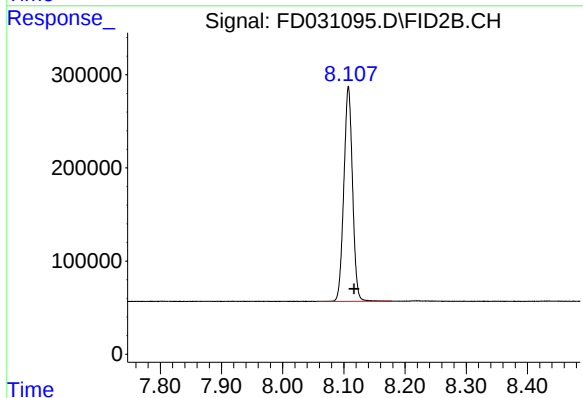
R.T.: 6.325 min  
Delta R.T.: -0.009 min  
Response: 2288458  
Conc: 21.40 ug/ml



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

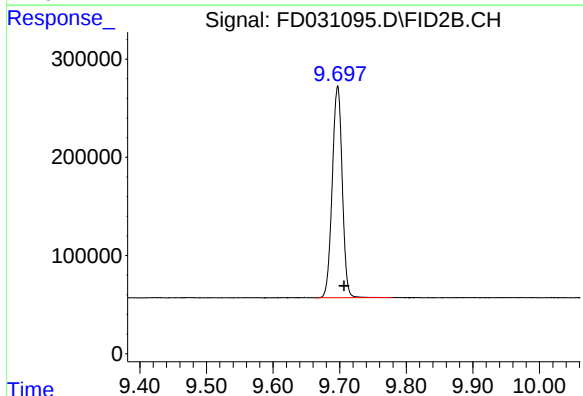
R.T.: 6.941 min  
Delta R.T.: -0.009 min  
Response: 2504579  
Conc: 21.73 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



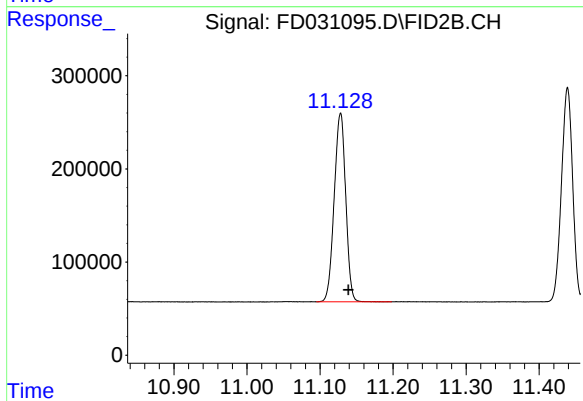
#6 n-Tetradecane (C14)

R.T.: 8.107 min  
Delta R.T.: -0.009 min  
Response: 2273231  
Conc: 21.14 ug/ml



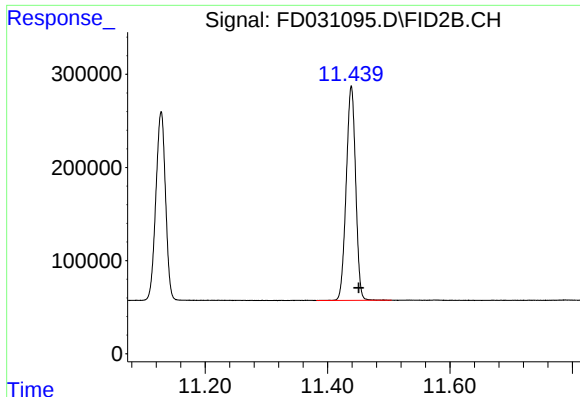
#7 n-Hexadecane (C16)

R.T.: 9.697 min  
Delta R.T.: -0.010 min  
Response: 2246650  
Conc: 20.86 ug/ml



#8 n-Octadecane (C18)

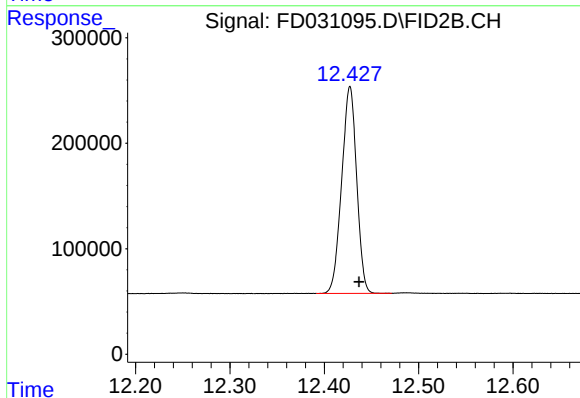
R.T.: 11.128 min  
Delta R.T.: -0.011 min  
Response: 2213842  
Conc: 20.25 ug/ml



#9 ortho-Terphenyl (SURR)

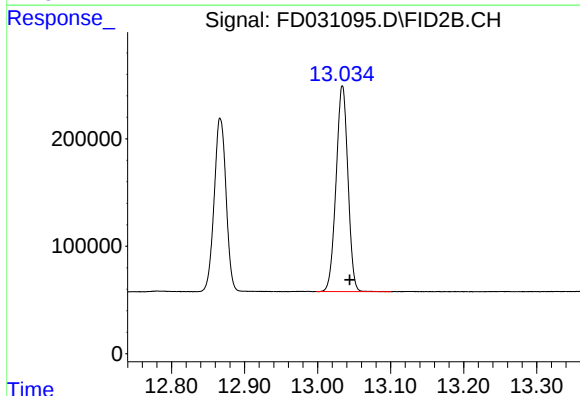
R.T.: 11.439 min  
Delta R.T.: -0.012 min  
Response: 2459973  
Conc: 19.61 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



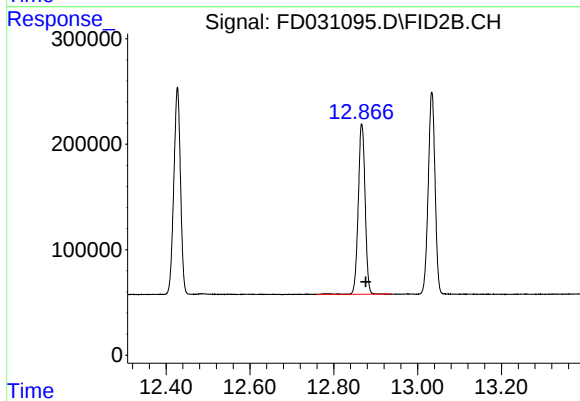
#10 n-Eicosane (C20)

R.T.: 12.427 min  
Delta R.T.: -0.010 min  
Response: 2163373  
Conc: 19.78 ug/ml



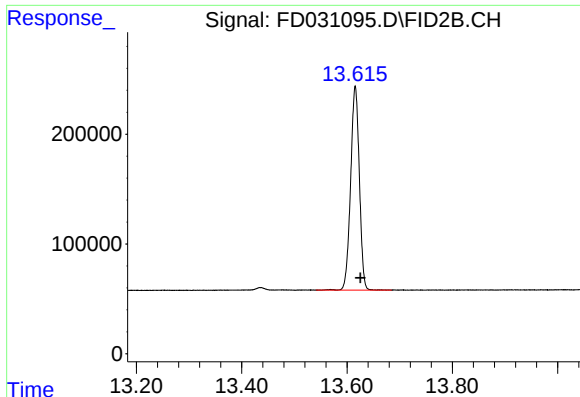
#11 n-Heneicosane (C21)

R.T.: 13.034 min  
Delta R.T.: -0.010 min  
Response: 2159530  
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURR)

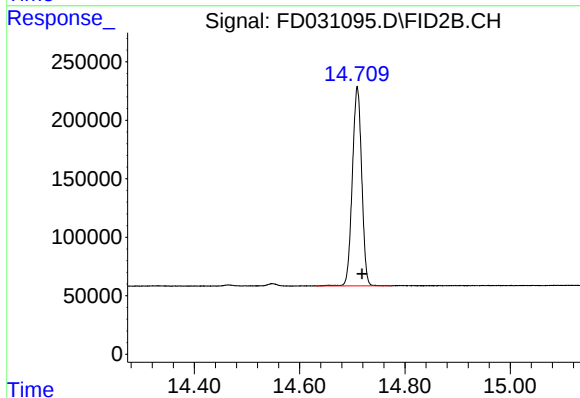
R.T.: 12.867 min  
Delta R.T.: -0.009 min  
Response: 1840342  
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

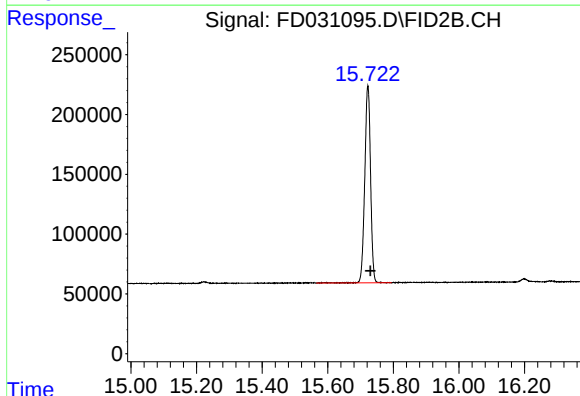
R.T.: 13.616 min  
Delta R.T.: -0.010 min  
Response: 2130856  
Conc: 19.48 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



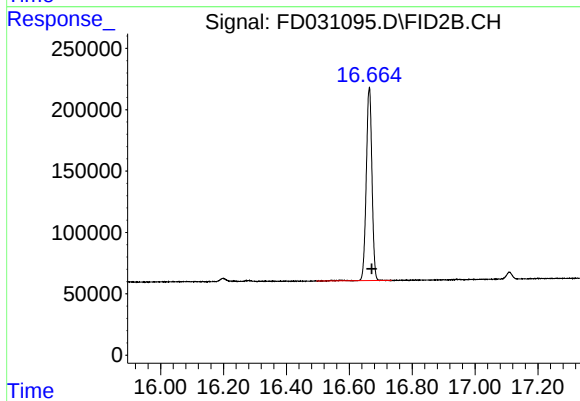
#14 n-Tetracosane (C24)

R.T.: 14.710 min  
Delta R.T.: -0.009 min  
Response: 2097962  
Conc: 19.21 ug/ml



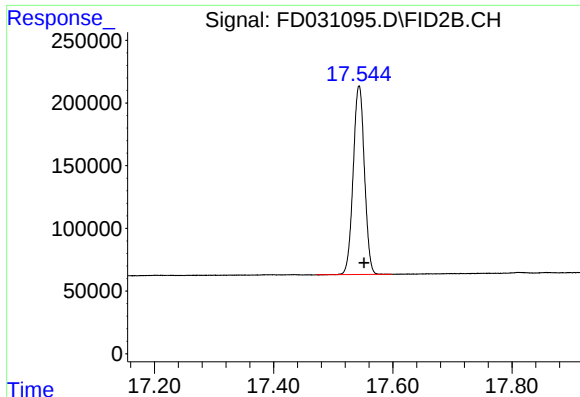
#15 n-Hexacosane (C26)

R.T.: 15.722 min  
Delta R.T.: -0.008 min  
Response: 2017068  
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

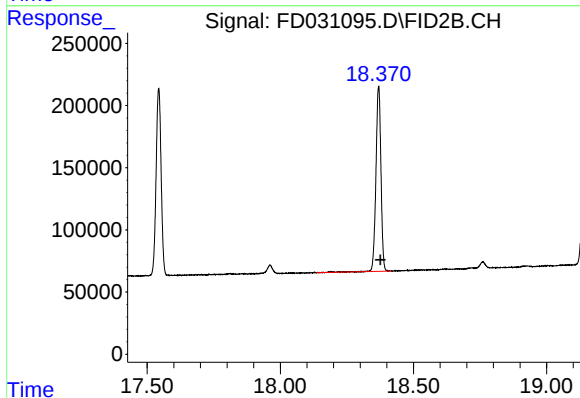
R.T.: 16.664 min  
Delta R.T.: -0.008 min  
Response: 1978661  
Conc: 18.43 ug/ml



#17 n-Tricontane (C30)

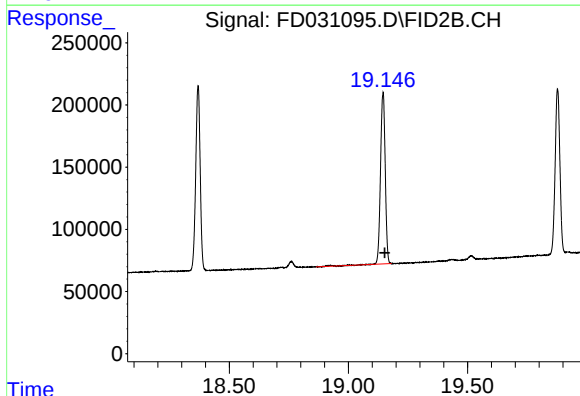
R.T.: 17.543 min  
Delta R.T.: -0.008 min  
Response: 1972318  
Conc: 18.52 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



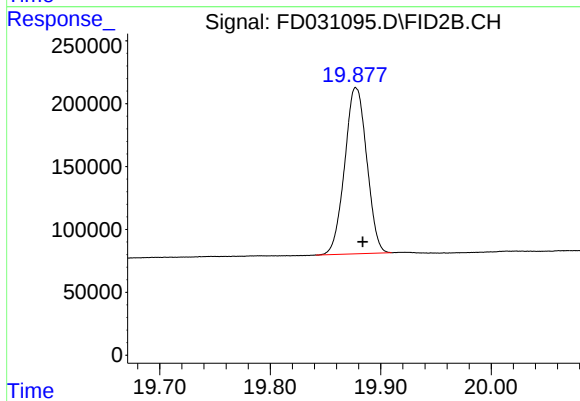
#18 n-Dotriacontane (C32)

R.T.: 18.369 min  
Delta R.T.: -0.006 min  
Response: 1946282  
Conc: 18.91 ug/ml



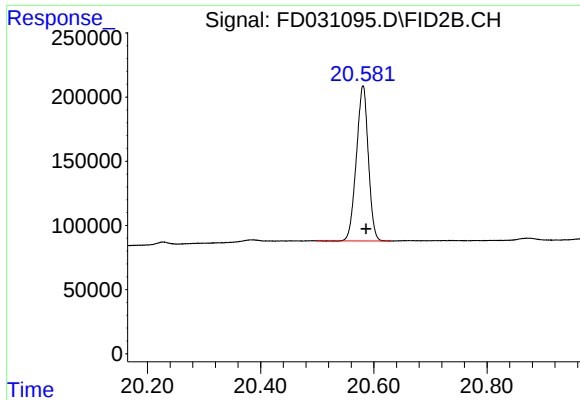
#19 n-Tetratriacontane (C34)

R.T.: 19.145 min  
Delta R.T.: -0.007 min  
Response: 1915762  
Conc: 19.49 ug/ml



#20 n-Hexatriacontane (C36)

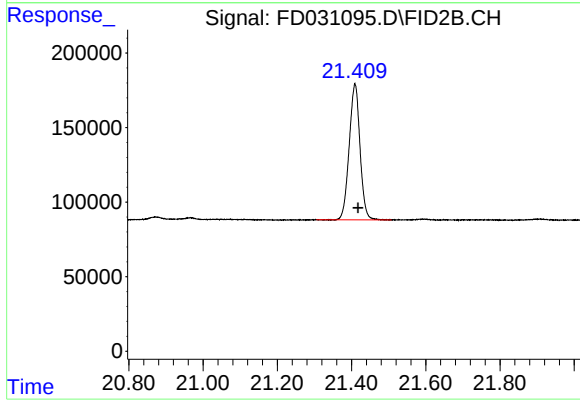
R.T.: 19.878 min  
Delta R.T.: -0.006 min  
Response: 1837089  
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.581 min  
Delta R.T.: -0.005 min  
Response: 1767840  
Conc: 20.43 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.409 min  
Delta R.T.: -0.008 min  
Response: 1847064  
Conc: 20.79 ug/ml