

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050421AL\  
 Data File : FD037321.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 May 2021 14:25  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: May 05 02:09:48 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 042121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 22 03:31:40 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)    | 11.477 | 2233527    | 19.128 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.26%       |
| 12) S 1-chlorooctadecane (S... | 12.911 | 1675620    | 19.806 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.61%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.269  | 2346469    | 19.915 ug/ml |
| 2) T n-Decane (C10)            | 4.330  | 2364607    | 19.939 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.906  | 2581286    | 19.670 ug/ml |
| 4) T n-Dodecane (C12)          | 6.342  | 2375037    | 20.000 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.961  | 2573445    | 19.626 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.132  | 2310519    | 19.960 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.728  | 2178899    | 19.819 ug/ml |
| 8) T n-Octadecane (C18)        | 11.165 | 2146103    | 19.573 ug/ml |
| 10) T n-Eicosane (C20)         | 12.470 | 2057123    | 19.393 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.079 | 2024542    | 19.271 ug/ml |
| 13) T n-Docosane (C22)         | 13.661 | 1985745    | 19.317 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.760 | 1956063    | 19.311 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.777 | 1936396    | 19.826 ug/ml |
| 16) T n-Octacosane (C28)       | 16.723 | 1960924    | 20.400 ug/ml |
| 17) T n-Tricontane (C30)       | 17.605 | 2014162    | 20.944 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.433 | 2020637    | 20.545 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.213 | 1989374    | 20.959 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.948 | 1916609    | 20.352 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.659 | 1832207    | 21.281 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.507 | 1859070    | 19.376 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

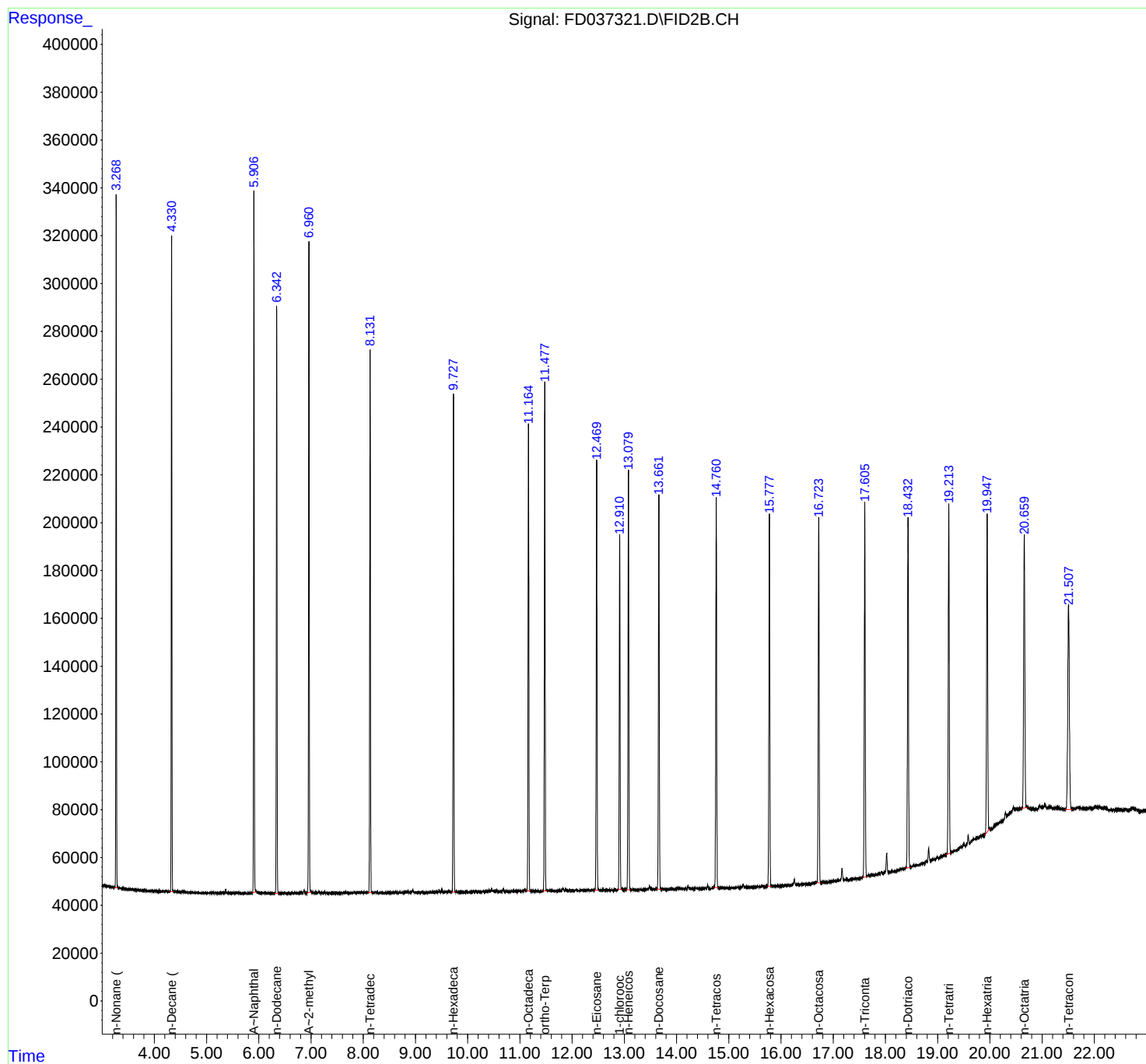
(m)=manual int.

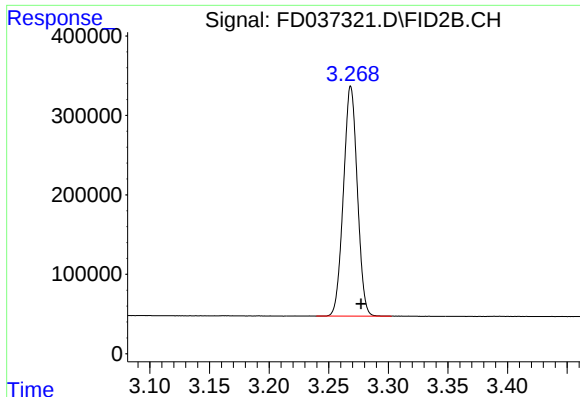
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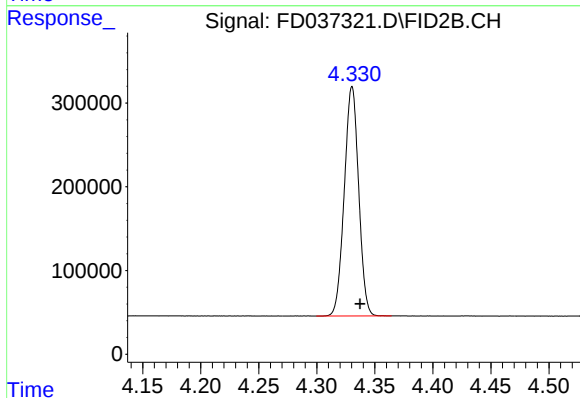




#1 n-Nonane (C9)

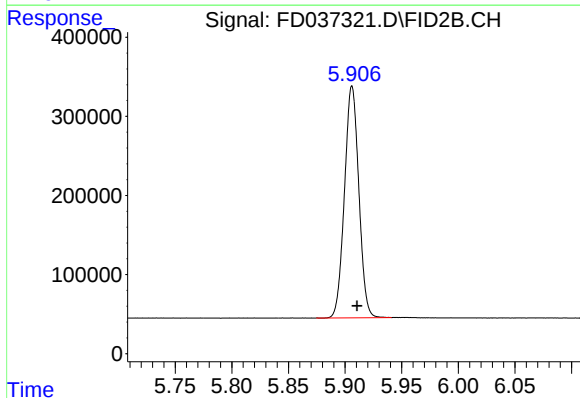
R.T.: 3.269 min  
Delta R.T.: -0.008 min  
Response: 2346469  
Conc: 19.91 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



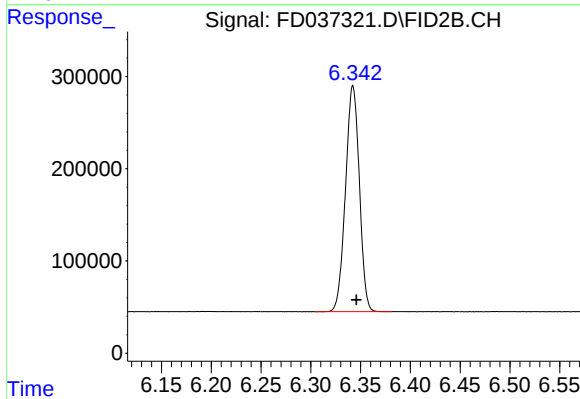
#2 n-Decane (C10)

R.T.: 4.330 min  
Delta R.T.: -0.007 min  
Response: 2364607  
Conc: 19.94 ug/ml



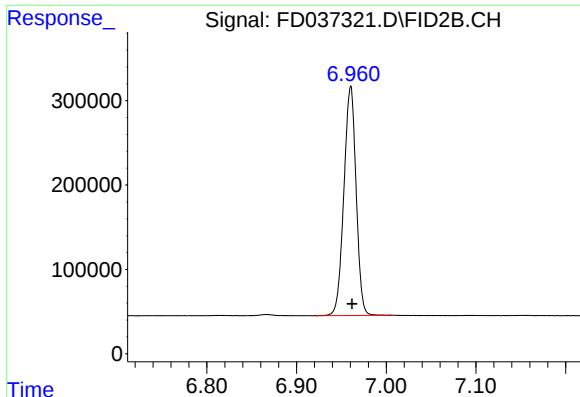
#3 A~Naphthalene (C11.7)

R.T.: 5.906 min  
Delta R.T.: -0.005 min  
Response: 2581286  
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

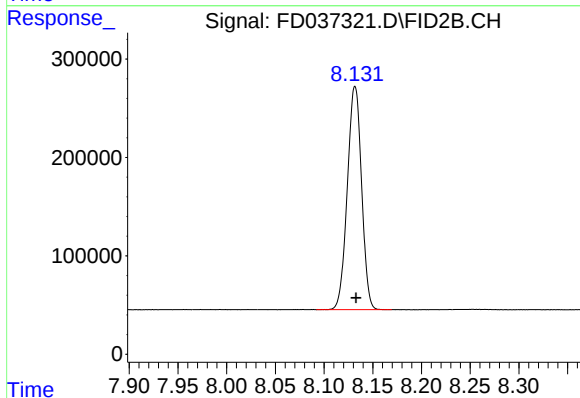
R.T.: 6.342 min  
Delta R.T.: -0.004 min  
Response: 2375037  
Conc: 20.00 ug/ml



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

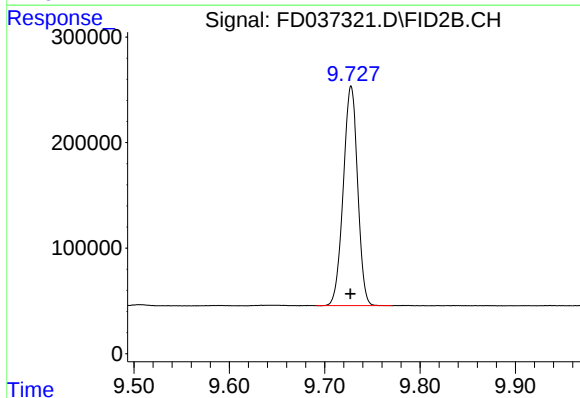
R.T.: 6.961 min  
Delta R.T.: -0.001 min  
Response: 2573445  
Conc: 19.63 ug/ml

Instrument :  
FID\_D  
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20 PPM ALIPHATIC HC STD



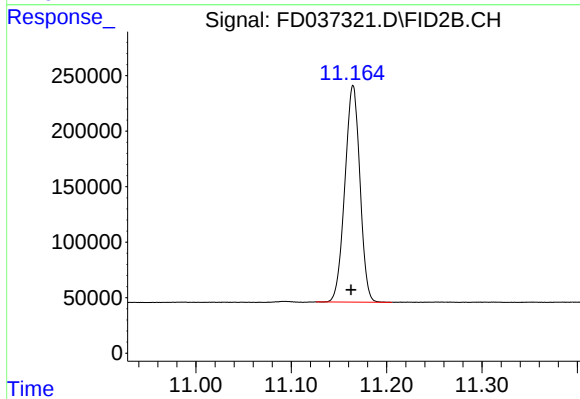
#6 n-Tetradecane (C14)

R.T.: 8.132 min  
Delta R.T.: -0.001 min  
Response: 2310519  
Conc: 19.96 ug/ml



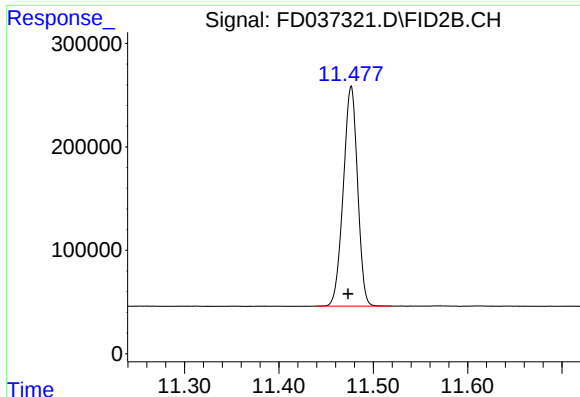
#7 n-Hexadecane (C16)

R.T.: 9.728 min  
Delta R.T.: 0.000 min  
Response: 2178899  
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

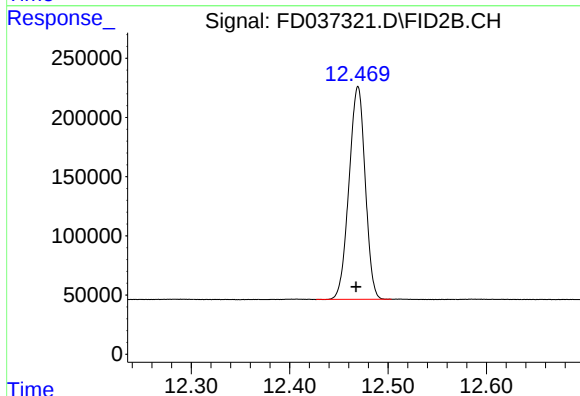
R.T.: 11.165 min  
Delta R.T.: 0.002 min  
Response: 2146103  
Conc: 19.57 ug/ml



#9 ortho-Terphenyl (SURR)

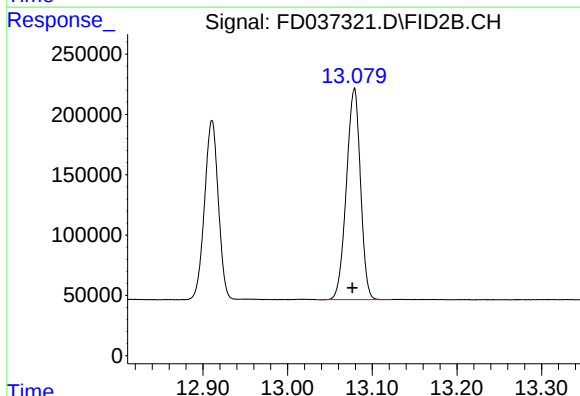
R.T.: 11.477 min  
Delta R.T.: 0.003 min  
Response: 2233527  
Conc: 19.13 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



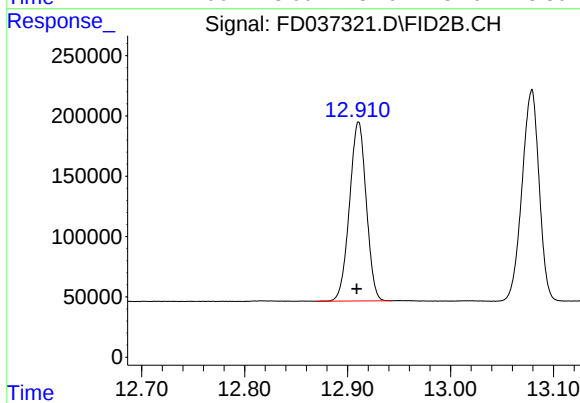
#10 n-Eicosane (C20)

R.T.: 12.470 min  
Delta R.T.: 0.002 min  
Response: 2057123  
Conc: 19.39 ug/ml



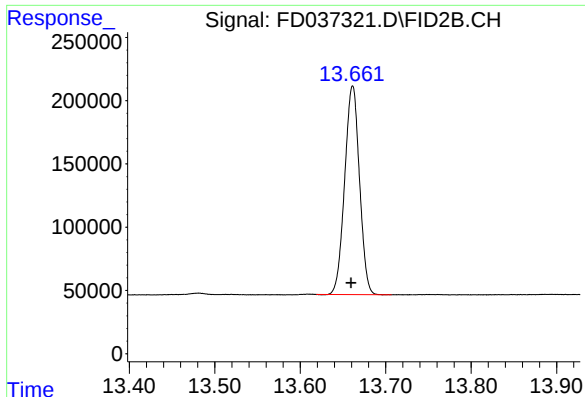
#11 n-Heneicosane (C21)

R.T.: 13.079 min  
Delta R.T.: 0.003 min  
Response: 2024542  
Conc: 19.27 ug/ml



#12 1-chlorooctadecane (SURR)

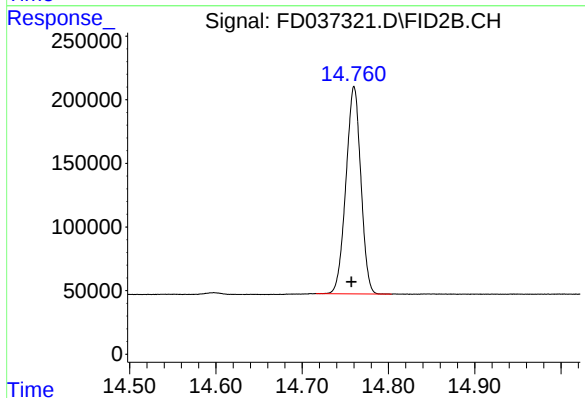
R.T.: 12.911 min  
Delta R.T.: 0.002 min  
Response: 1675620  
Conc: 19.81 ug/ml



#13 n-Docosane (C22)

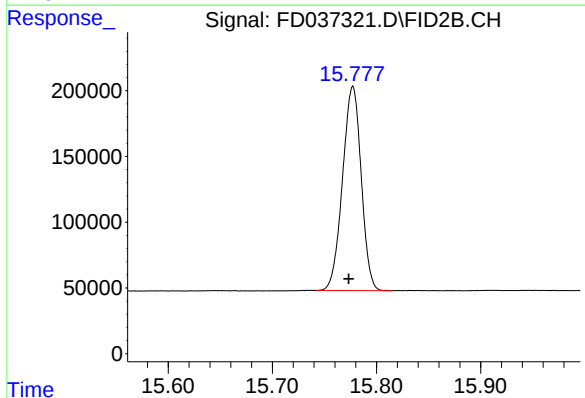
R.T.: 13.661 min  
Delta R.T.: 0.002 min  
Response: 1985745  
Conc: 19.32 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



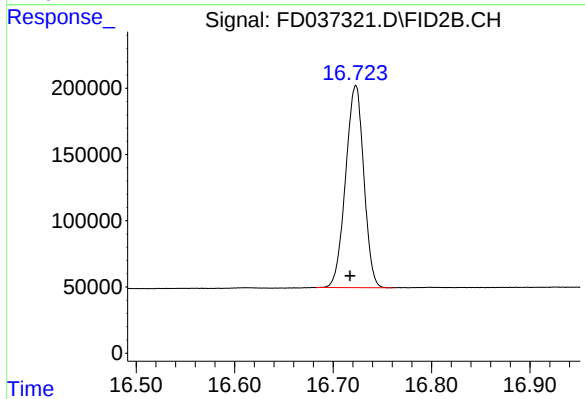
#14 n-Tetracosane (C24)

R.T.: 14.760 min  
Delta R.T.: 0.003 min  
Response: 1956063  
Conc: 19.31 ug/ml



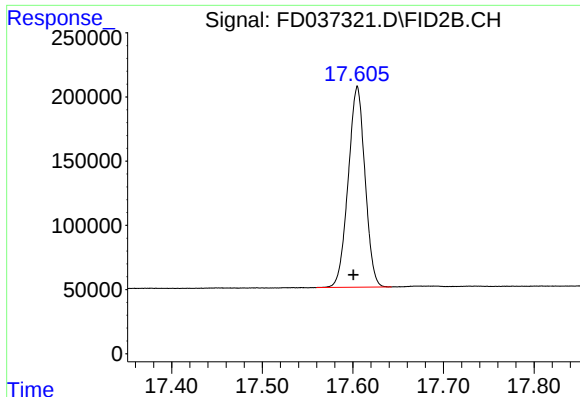
#15 n-Hexacosane (C26)

R.T.: 15.777 min  
Delta R.T.: 0.004 min  
Response: 1936396  
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

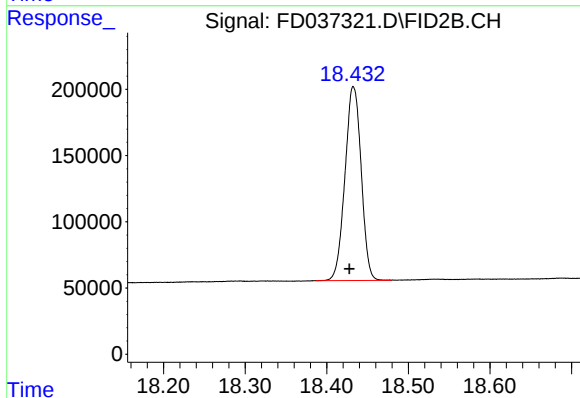
R.T.: 16.723 min  
Delta R.T.: 0.006 min  
Response: 1960924  
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

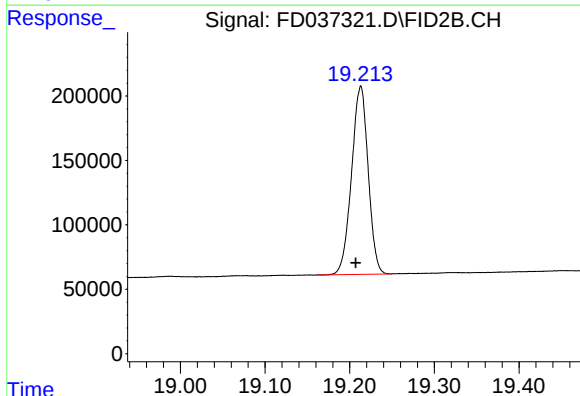
R.T.: 17.605 min  
Delta R.T.: 0.005 min  
Response: 2014162  
Conc: 20.94 ug/ml

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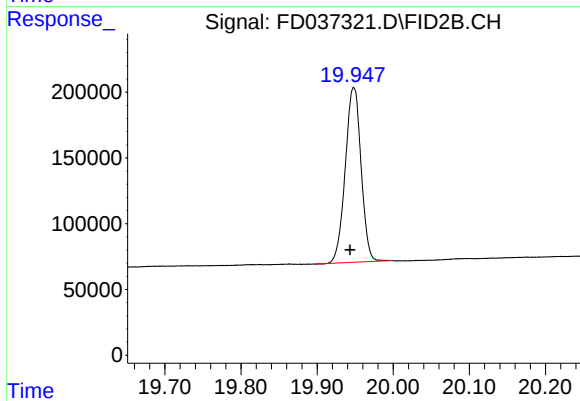
#18 n-Dotriacontane (C32)

R.T.: 18.433 min  
Delta R.T.: 0.005 min  
Response: 2020637  
Conc: 20.54 ug/ml



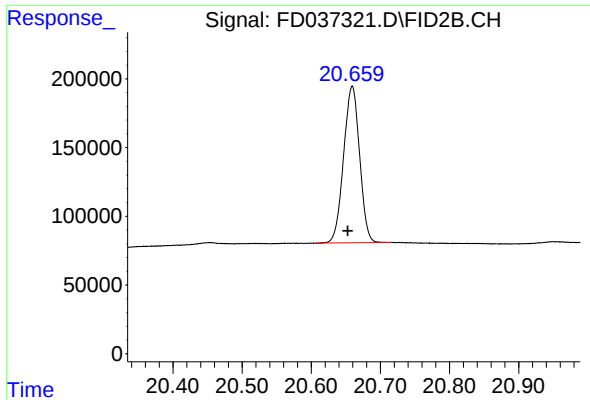
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min  
Delta R.T.: 0.006 min  
Response: 1989374  
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

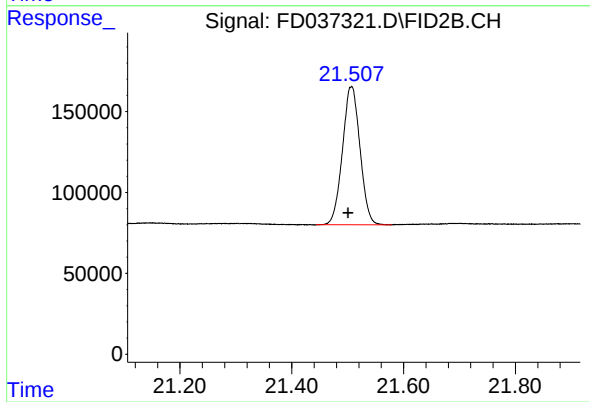
R.T.: 19.948 min  
Delta R.T.: 0.005 min  
Response: 1916609  
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.659 min  
Delta R.T.: 0.007 min  
Response: 1832207  
Conc: 21.28 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
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#22 n-Tetracontane (C40)

R.T.: 21.507 min  
Delta R.T.: 0.006 min  
Response: 1859070  
Conc: 19.38 ug/ml