

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110420AL\  
 Data File : FD035341.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Nov 2020 10:47  
 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: Nov 05 11:13:49 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 110220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 03 11:48:08 2020  
 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)    | 11.540 | 2736840    | 21.039 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.08%       |
| 12) S 1-chlorooctadecane (S... | 12.971 | 2178439    | 20.903 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.81%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.333  | 2422810    | 21.516 ug/ml |
| 2) T n-Decane (C10)            | 4.396  | 2444073    | 21.628 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.976  | 2669543    | 21.829 ug/ml |
| 4) T n-Dodecane (C12)          | 6.406  | 2510020    | 21.710 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.029  | 2720211    | 21.740 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.195  | 2518290    | 21.867 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.789  | 2482268    | 21.724 ug/ml |
| 8) T n-Octadecane (C18)        | 11.225 | 2590741    | 21.468 ug/ml |
| 10) T n-Eicosane (C20)         | 12.528 | 2600070    | 21.202 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.138 | 2575248    | 20.946 ug/ml |
| 13) T n-Docosane (C22)         | 13.721 | 2592953    | 21.028 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.818 | 2614821    | 21.136 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.835 | 2523604    | 20.503 ug/ml |
| 16) T n-Octacosane (C28)       | 16.780 | 2452092    | 19.916 ug/ml |
| 17) T n-Tricontane (C30)       | 17.663 | 2348750    | 19.434 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.491 | 2128726    | 18.932 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.270 | 1939199    | 18.476 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.005 | 1780929    | 18.591 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.725 | 1784459    | 20.089 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.604 | 1737378    | 19.796 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

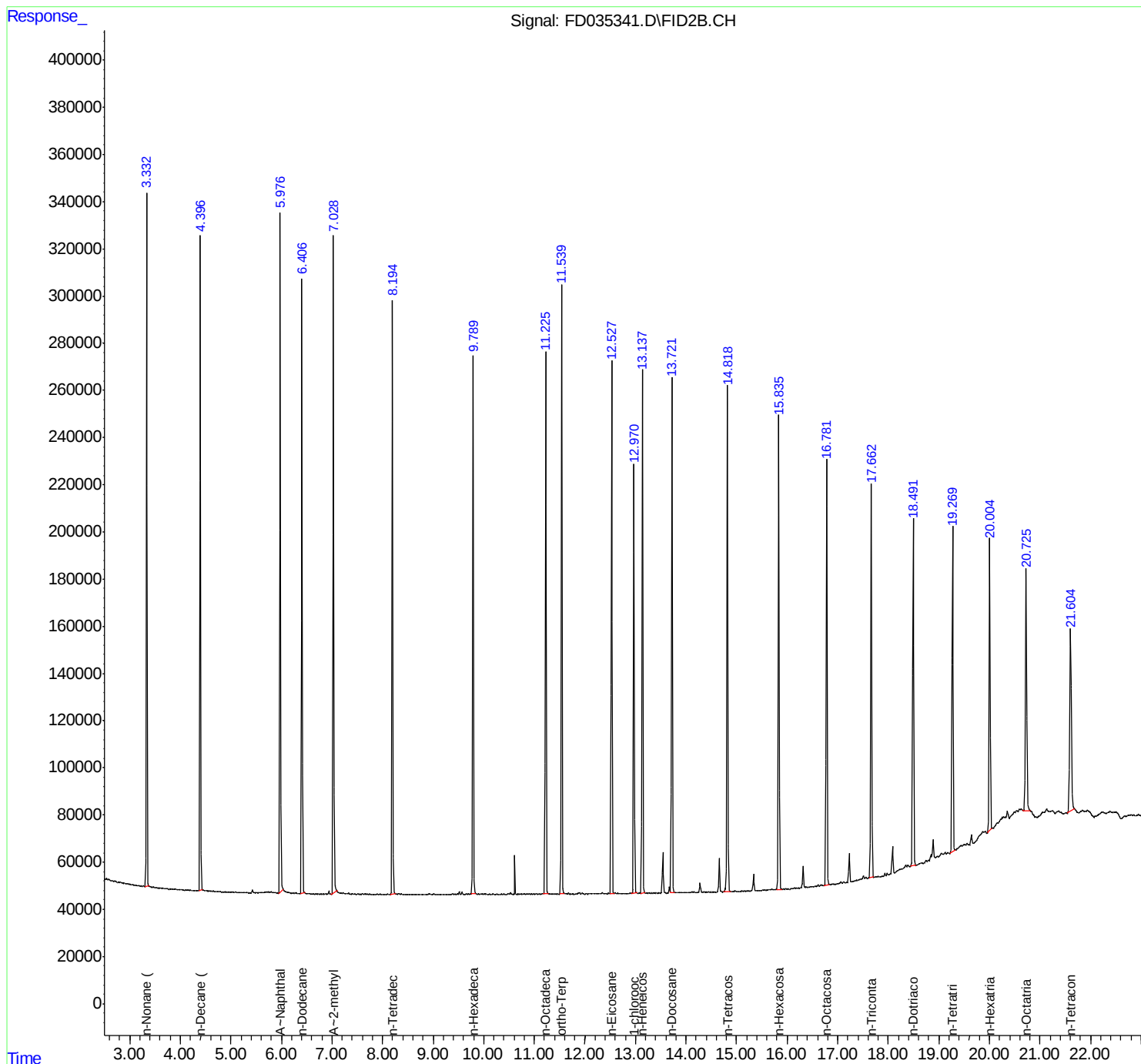
(m)=manual int.

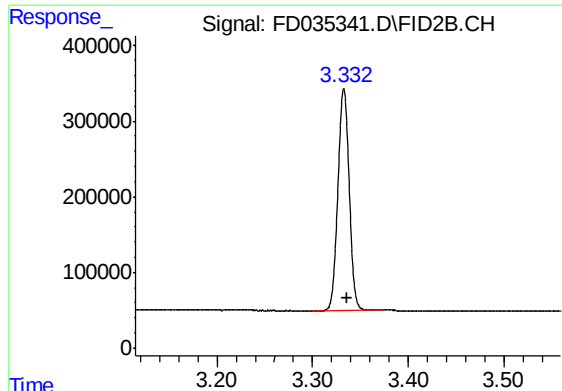
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110420AL\  
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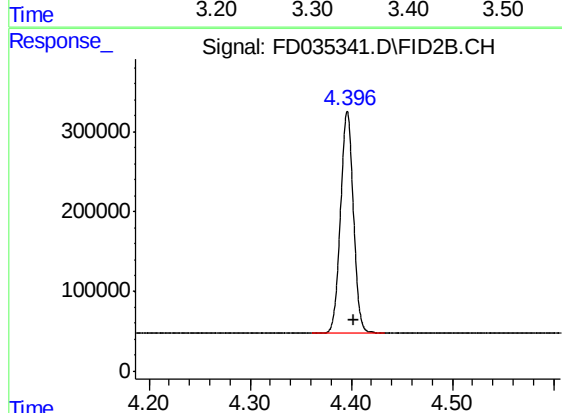




#1 n-Nonane (C9)

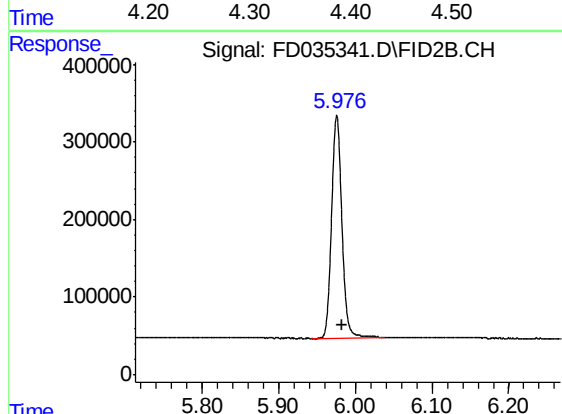
R.T.: 3.333 min  
Delta R.T.: -0.004 min  
Response: 2422810  
Conc: 21.52 ug/ml

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



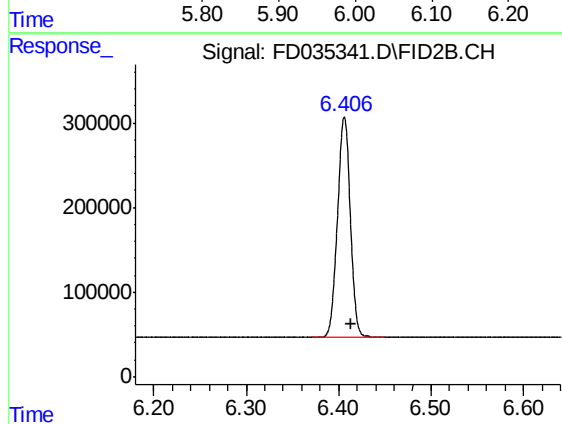
#2 n-Decane (C10)

R.T.: 4.396 min  
Delta R.T.: -0.006 min  
Response: 2444073  
Conc: 21.63 ug/ml



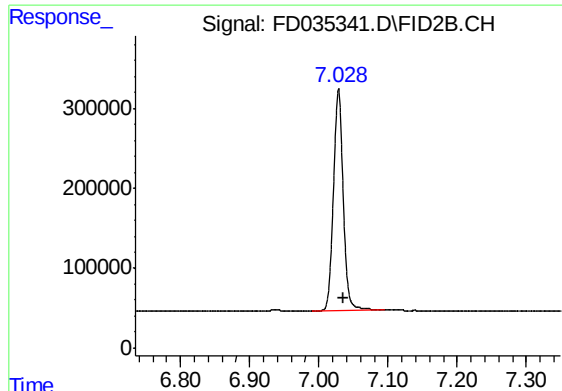
#3 A-Naphthalene (C11.7)

R.T.: 5.976 min  
Delta R.T.: -0.007 min  
Response: 2669543  
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

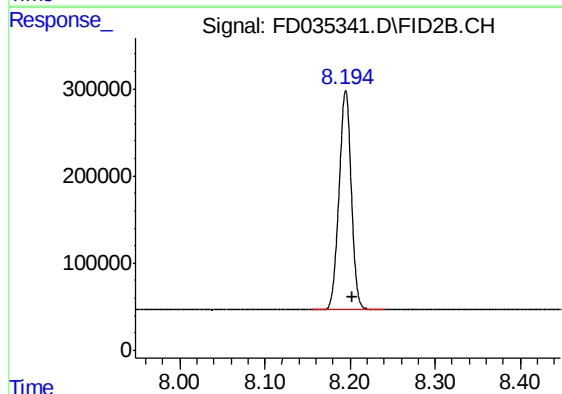
R.T.: 6.406 min  
Delta R.T.: -0.008 min  
Response: 2510020  
Conc: 21.71 ug/ml



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

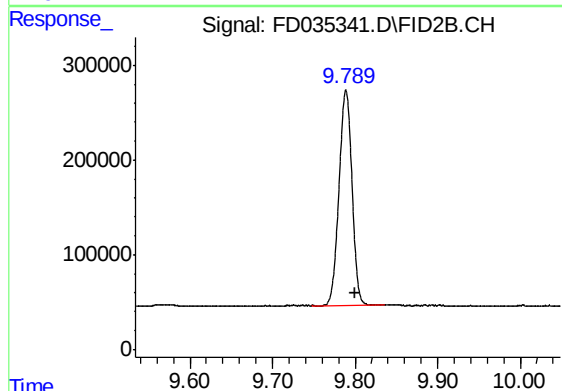
R.T.: 7.029 min  
Delta R.T.: -0.008 min  
Response: 2720211  
Conc: 21.74 ug/ml

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



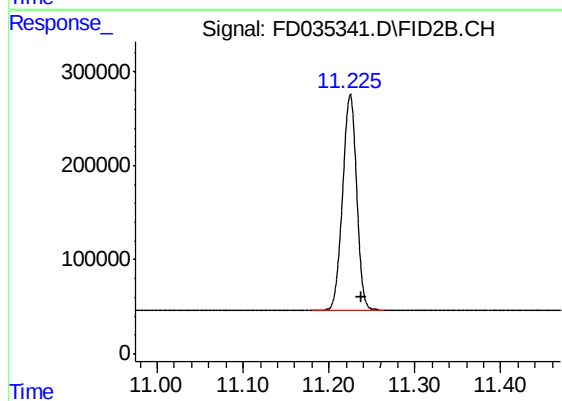
#6 n-Tetradecane (C14)

R.T.: 8.195 min  
Delta R.T.: -0.008 min  
Response: 2518290  
Conc: 21.87 ug/ml



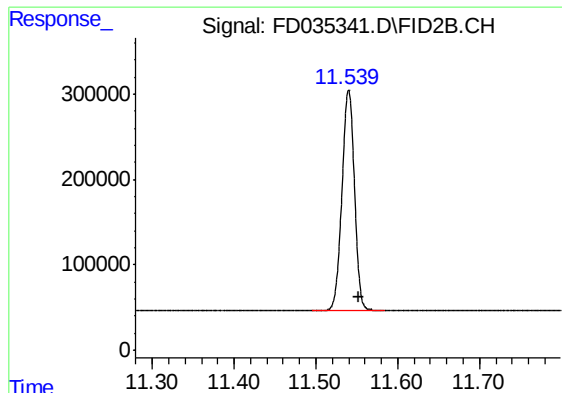
#7 n-Hexadecane (C16)

R.T.: 9.789 min  
Delta R.T.: -0.010 min  
Response: 2482268  
Conc: 21.72 ug/ml



#8 n-Octadecane (C18)

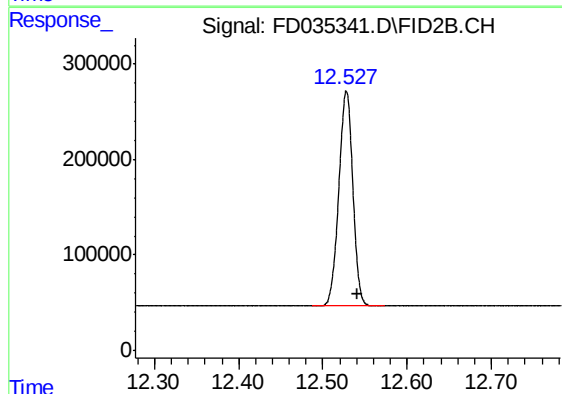
R.T.: 11.225 min  
Delta R.T.: -0.012 min  
Response: 2590741  
Conc: 21.47 ug/ml



#9 ortho-Terphenyl (SURR)

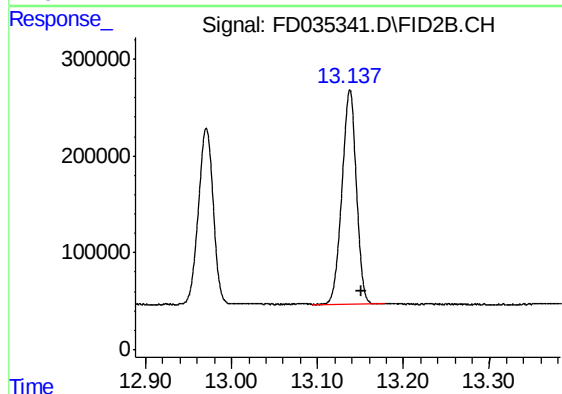
R.T.: 11.540 min  
Delta R.T.: -0.013 min  
Response: 2736840  
Conc: 21.04 ug/ml

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



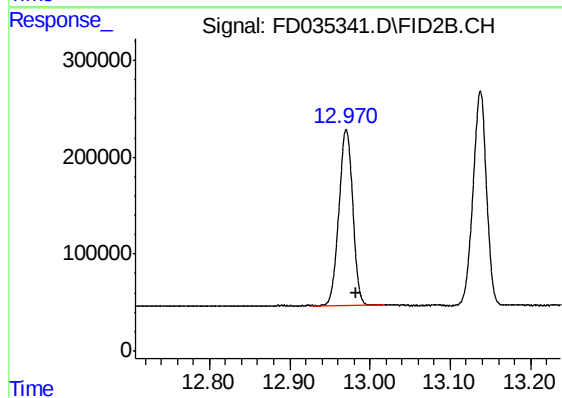
#10 n-Eicosane (C20)

R.T.: 12.528 min  
Delta R.T.: -0.013 min  
Response: 2600070  
Conc: 21.20 ug/ml



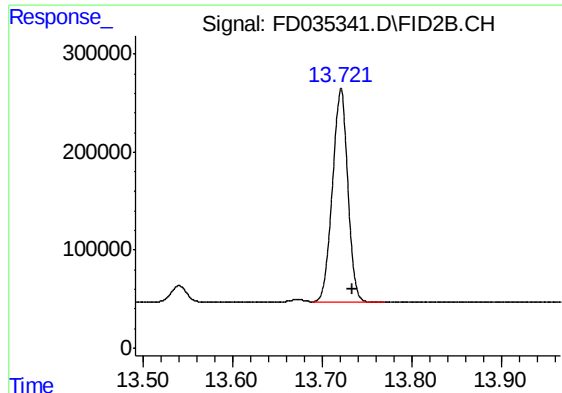
#11 n-Heneicosane (C21)

R.T.: 13.138 min  
Delta R.T.: -0.013 min  
Response: 2575248  
Conc: 20.95 ug/ml



#12 1-chlorooctadecane (SURR)

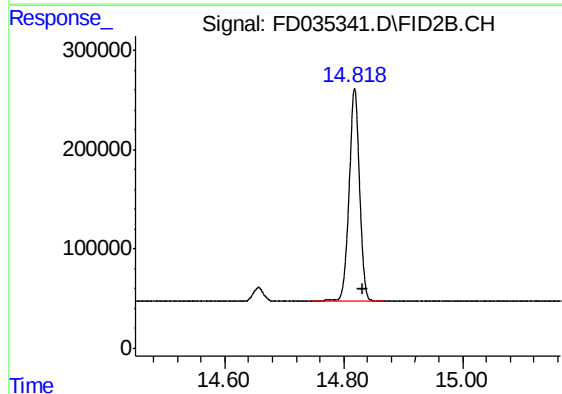
R.T.: 12.971 min  
Delta R.T.: -0.013 min  
Response: 2178439  
Conc: 20.90 ug/ml



#13 n-Docosane (C22)

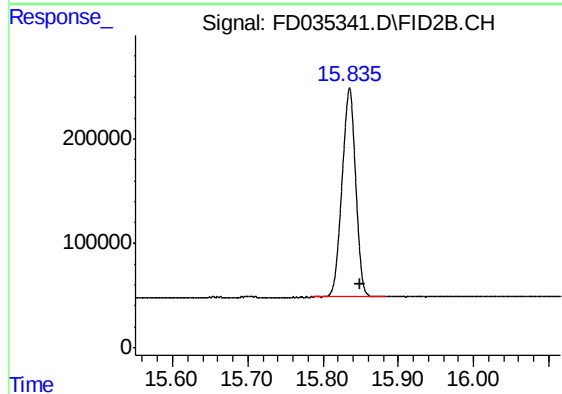
R.T.: 13.721 min  
Delta R.T.: -0.013 min  
Response: 2592953  
Conc: 21.03 ug/ml

Instrument :  
FID\_D  
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20 PPM ALIPHATIC HC STD



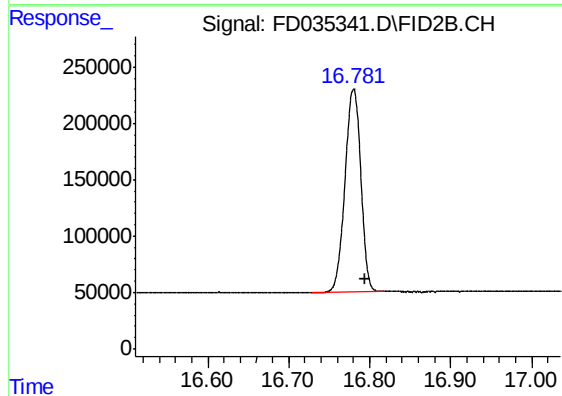
#14 n-Tetracosane (C24)

R.T.: 14.818 min  
Delta R.T.: -0.014 min  
Response: 2614821  
Conc: 21.14 ug/ml



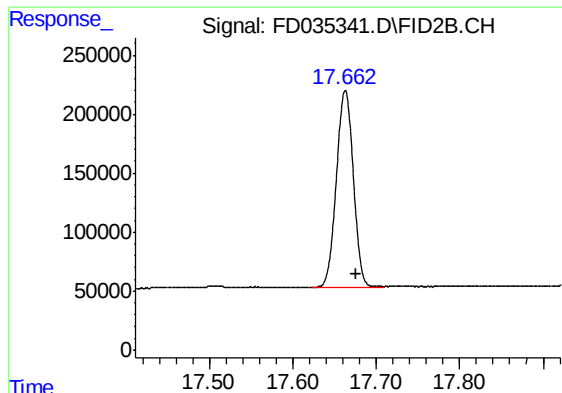
#15 n-Hexacosane (C26)

R.T.: 15.835 min  
Delta R.T.: -0.014 min  
Response: 2523604  
Conc: 20.50 ug/ml



#16 n-Octacosane (C28)

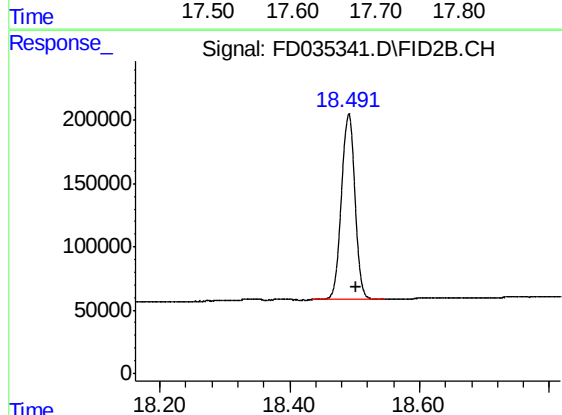
R.T.: 16.780 min  
Delta R.T.: -0.014 min  
Response: 2452092  
Conc: 19.92 ug/ml



#17 n-Tricontane (C30)

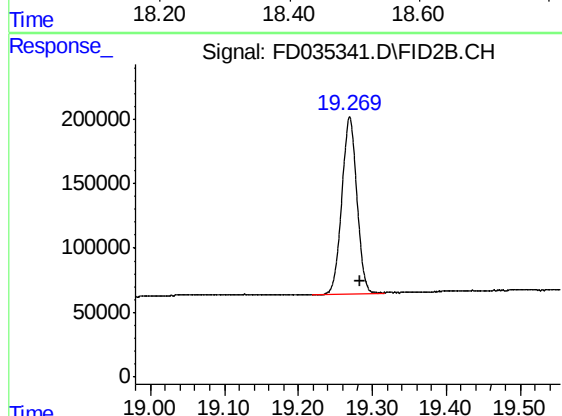
R.T.: 17.663 min  
Delta R.T.: -0.014 min  
Response: 2348750  
Conc: 19.43 ug/ml

Instrument :  
FID\_D  
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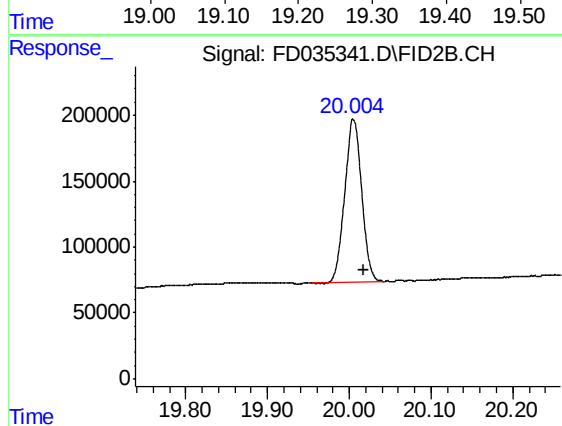
#18 n-Dotriacontane (C32)

R.T.: 18.491 min  
Delta R.T.: -0.012 min  
Response: 2128726  
Conc: 18.93 ug/ml



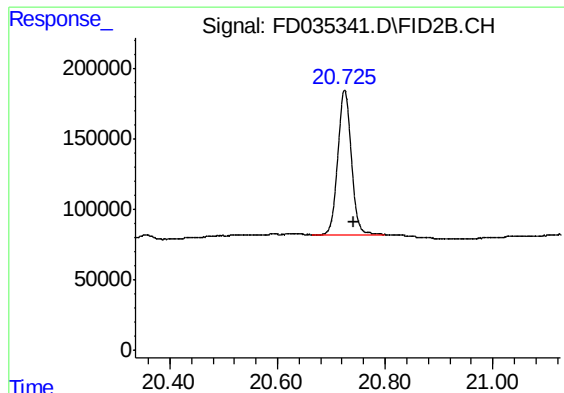
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min  
Delta R.T.: -0.014 min  
Response: 1939199  
Conc: 18.48 ug/ml



#20 n-Hexatriacontane (C36)

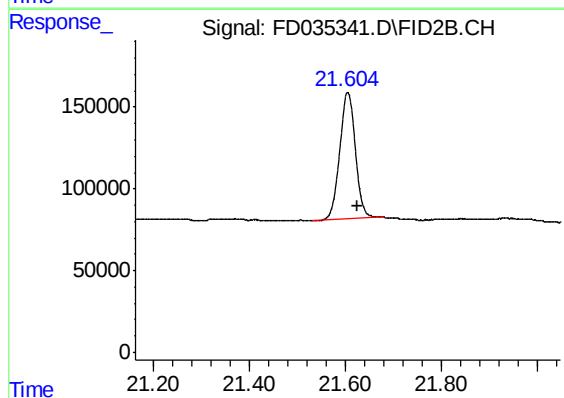
R.T.: 20.005 min  
Delta R.T.: -0.013 min  
Response: 1780929  
Conc: 18.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.725 min  
Delta R.T.: -0.016 min  
Response: 1784459  
Conc: 20.09 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.604 min  
Delta R.T.: -0.020 min  
Response: 1737378  
Conc: 19.80 ug/ml