

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041521AL\  
 Data File : FD036934.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Apr 2021 17:56  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 16 02:24:27 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 032321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 24 09:10:29 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)    | 11.484 | 2636982    | 17.797 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.59%       |
| 12) S 1-chlorooctadecane (S... | 12.918 | 2021402    | 17.369 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.74%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.285  | 2626295    | 20.661 ug/ml |
| 2) T n-Decane (C10)            | 4.346  | 2674967    | 20.760 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.919  | 2960136    | 20.274 ug/ml |
| 4) T n-Dodecane (C12)          | 6.355  | 2742196    | 20.686 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.971  | 2991799    | 19.982 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.143  | 2712615    | 19.957 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.736  | 2605942    | 19.568 ug/ml |
| 8) T n-Octadecane (C18)        | 11.172 | 2603186    | 18.793 ug/ml |
| 10) T n-Eicosane (C20)         | 12.476 | 2483429    | 17.965 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.085 | 2408964    | 17.498 ug/ml |
| 13) T n-Docosane (C22)         | 13.669 | 2346682    | 17.252 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.767 | 2238696    | 16.886 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.782 | 2135907    | 16.869 ug/ml |
| 16) T n-Octacosane (C28)       | 16.727 | 2084989    | 17.288 ug/ml |
| 17) T n-Tricontane (C30)       | 17.609 | 2065286    | 17.979 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.436 | 2033898    | 18.492 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.215 | 2011816    | 19.589 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.951 | 1972805    | 20.191 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.660 | 1913258    | 20.694 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.510 | 1980004    | 19.630 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

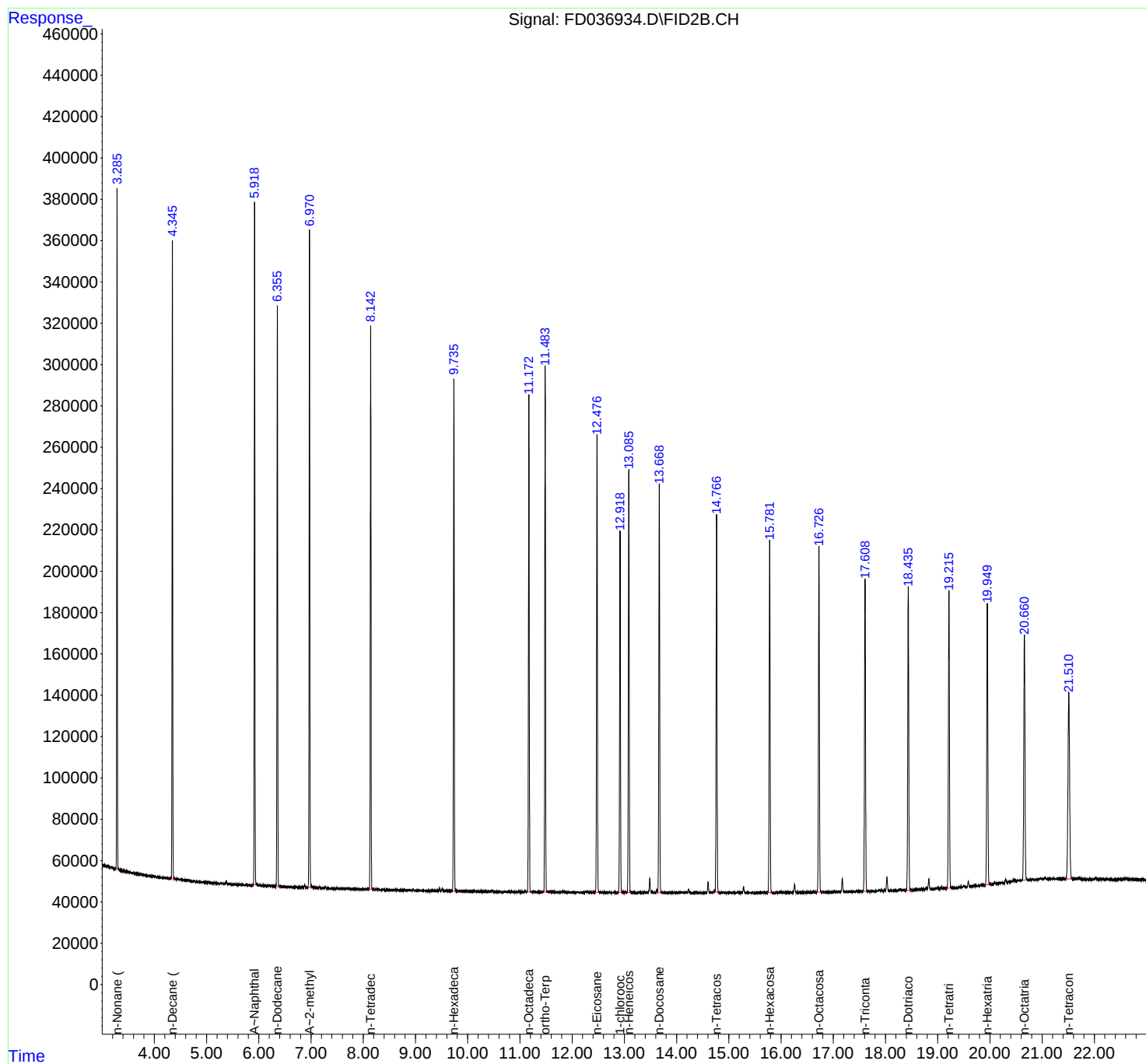
(m)=manual int.

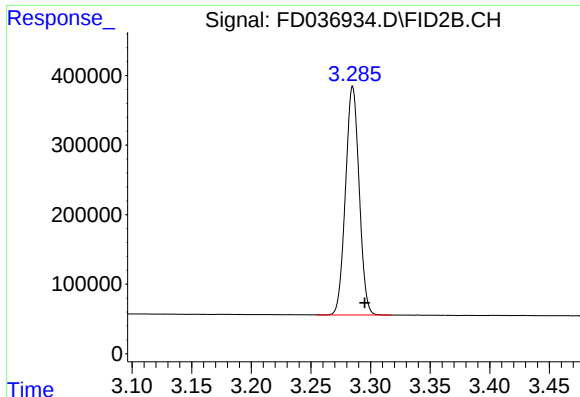
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041521AL\  
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Signal(s) : FID2B.CH  
Acq On : 15 Apr 2021 17:56  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
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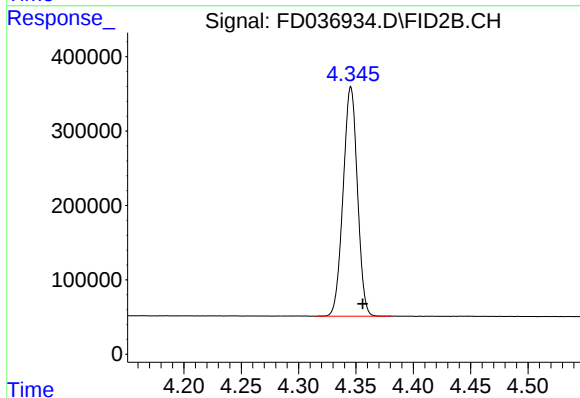




#1 n-Nonane (C9)

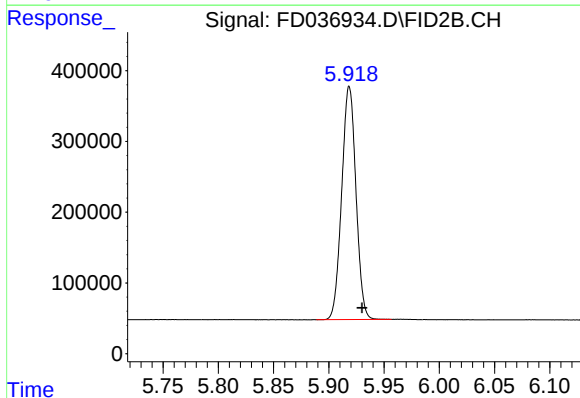
R.T.: 3.285 min  
Delta R.T.: -0.010 min  
Response: 2626295  
Conc: 20.66 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



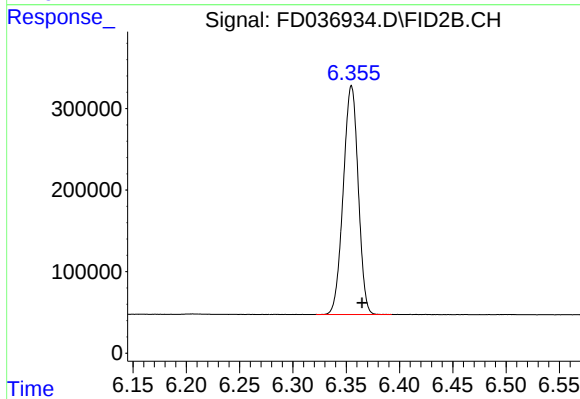
#2 n-Decane (C10)

R.T.: 4.346 min  
Delta R.T.: -0.010 min  
Response: 2674967  
Conc: 20.76 ug/ml



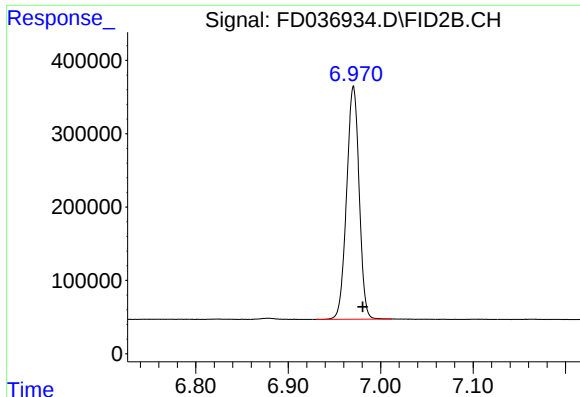
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min  
Delta R.T.: -0.012 min  
Response: 2960136  
Conc: 20.27 ug/ml



#4 n-Dodecane (C12)

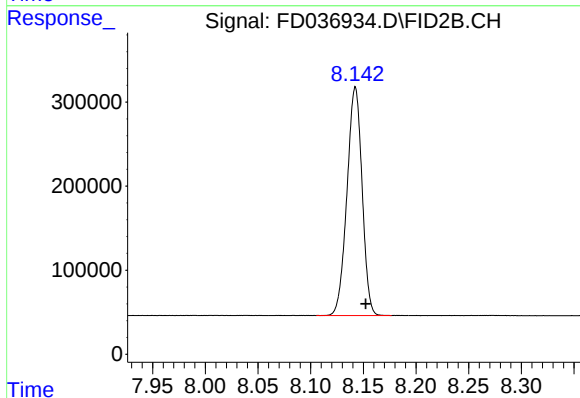
R.T.: 6.355 min  
Delta R.T.: -0.010 min  
Response: 2742196  
Conc: 20.69 ug/ml



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

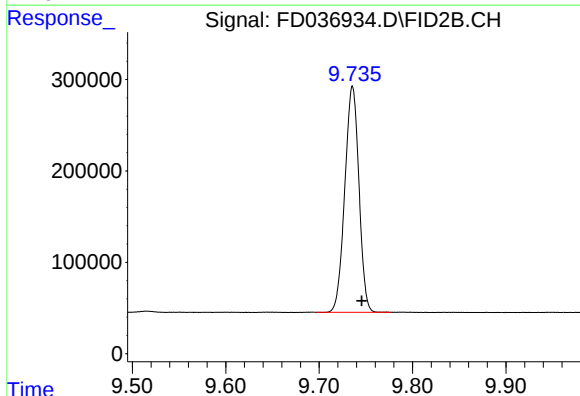
R.T.: 6.971 min  
Delta R.T.: -0.010 min  
Response: 2991799  
Conc: 19.98 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



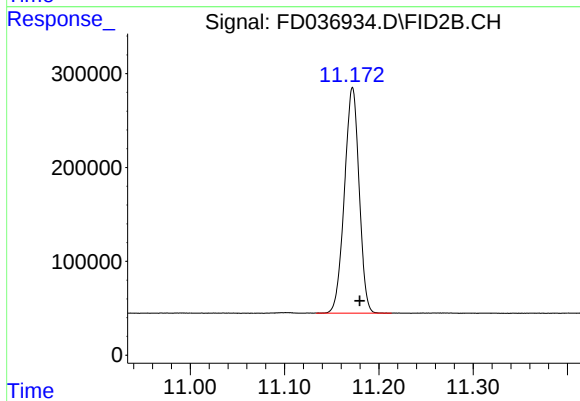
#6 n-Tetradecane (C14)

R.T.: 8.143 min  
Delta R.T.: -0.010 min  
Response: 2712615  
Conc: 19.96 ug/ml



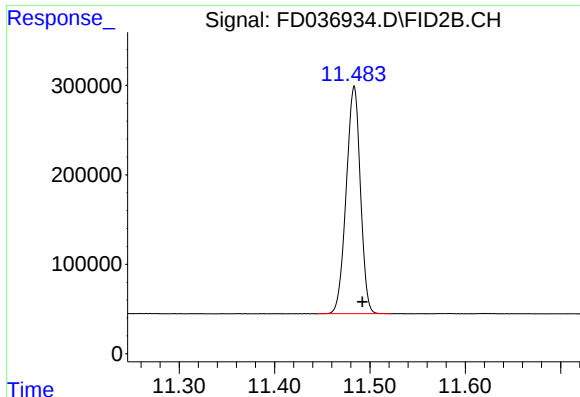
#7 n-Hexadecane (C16)

R.T.: 9.736 min  
Delta R.T.: -0.010 min  
Response: 2605942  
Conc: 19.57 ug/ml



#8 n-Octadecane (C18)

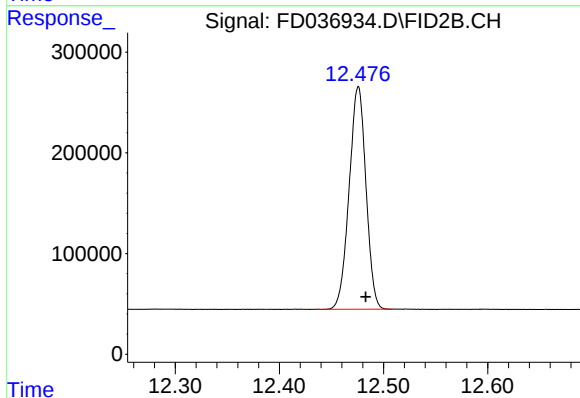
R.T.: 11.172 min  
Delta R.T.: -0.008 min  
Response: 2603186  
Conc: 18.79 ug/ml



#9 ortho-Terphenyl (SURR)

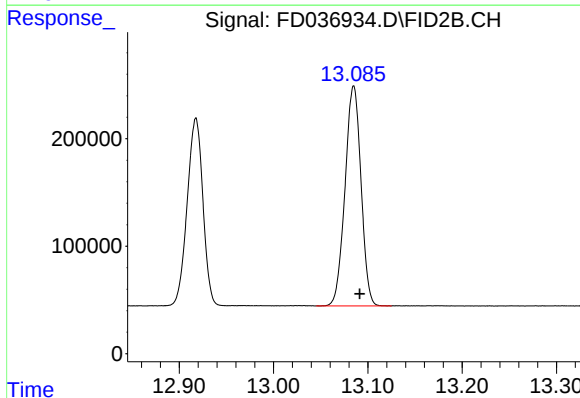
R.T.: 11.484 min  
Delta R.T.: -0.008 min  
Response: 2636982  
Conc: 17.80 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



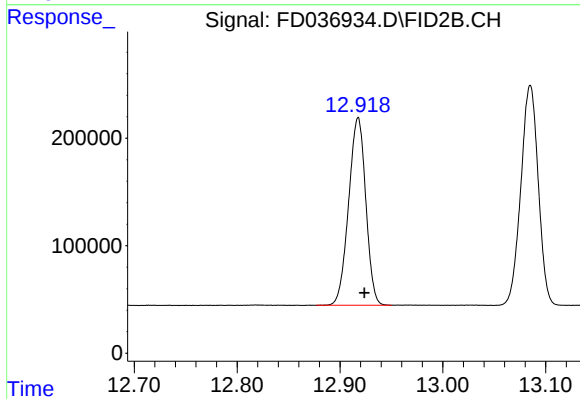
#10 n-Eicosane (C20)

R.T.: 12.476 min  
Delta R.T.: -0.007 min  
Response: 2483429  
Conc: 17.97 ug/ml



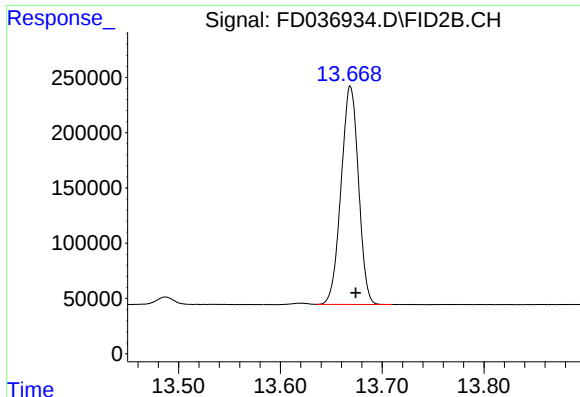
#11 n-Heneicosane (C21)

R.T.: 13.085 min  
Delta R.T.: -0.006 min  
Response: 2408964  
Conc: 17.50 ug/ml



#12 1-chlorooctadecane (SURR)

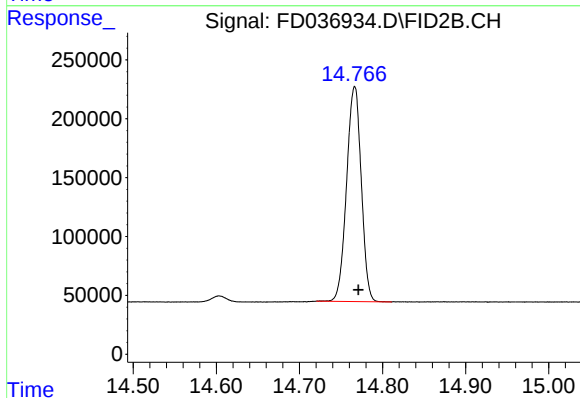
R.T.: 12.918 min  
Delta R.T.: -0.006 min  
Response: 2021402  
Conc: 17.37 ug/ml



#13 n-Docosane (C22)

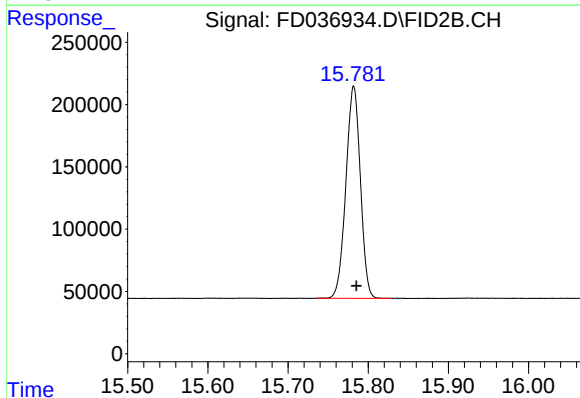
R.T.: 13.669 min  
Delta R.T.: -0.005 min  
Response: 2346682  
Conc: 17.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



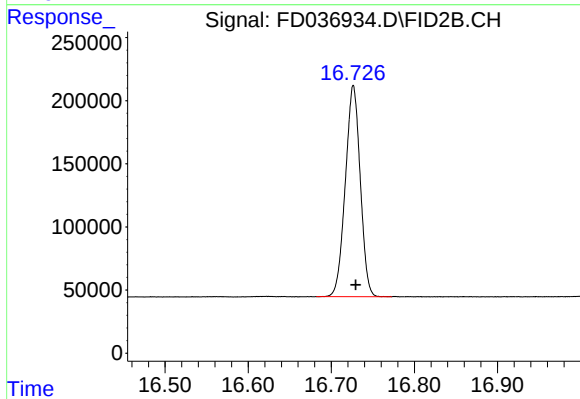
#14 n-Tetracosane (C24)

R.T.: 14.767 min  
Delta R.T.: -0.004 min  
Response: 2238696  
Conc: 16.89 ug/ml



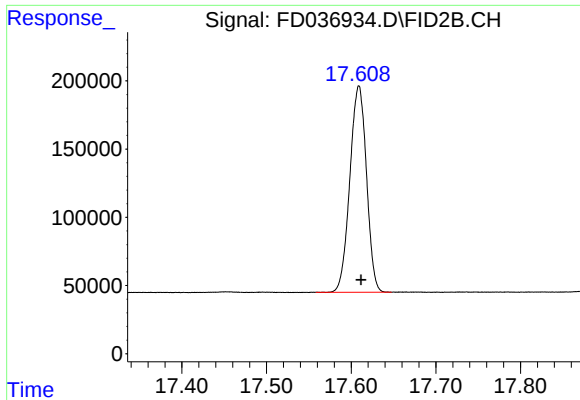
#15 n-Hexacosane (C26)

R.T.: 15.782 min  
Delta R.T.: -0.003 min  
Response: 2135907  
Conc: 16.87 ug/ml



#16 n-Octacosane (C28)

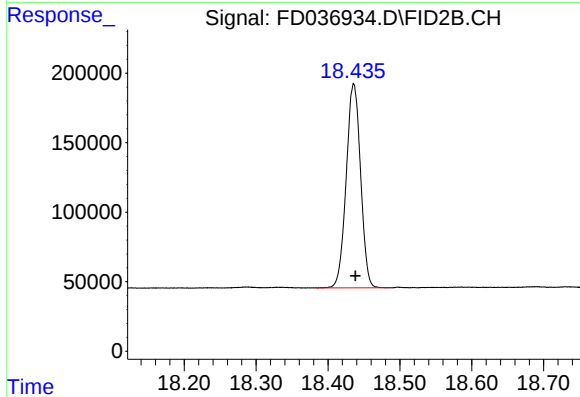
R.T.: 16.727 min  
Delta R.T.: -0.003 min  
Response: 2084989  
Conc: 17.29 ug/ml



#17 n-Tricontane (C30)

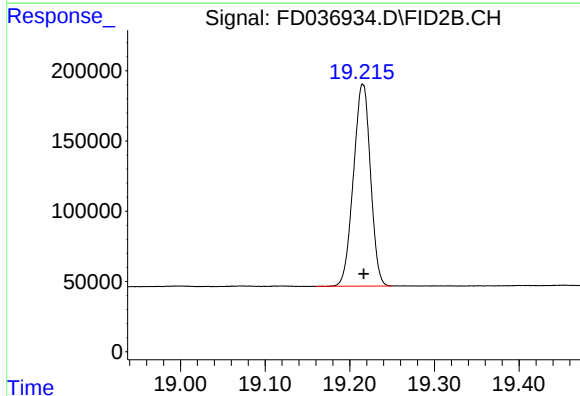
R.T.: 17.609 min  
Delta R.T.: -0.002 min  
Response: 2065286  
Conc: 17.98 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



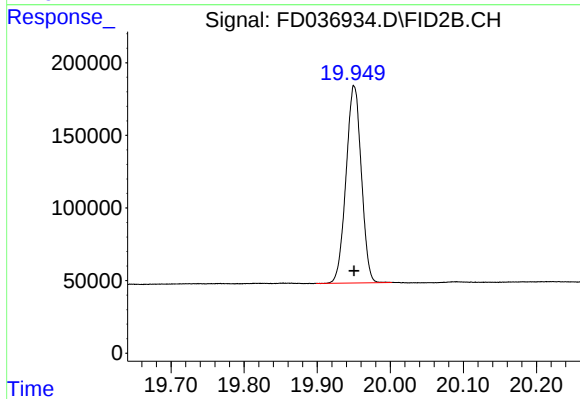
#18 n-Dotriacontane (C32)

R.T.: 18.436 min  
Delta R.T.: -0.002 min  
Response: 2033898  
Conc: 18.49 ug/ml



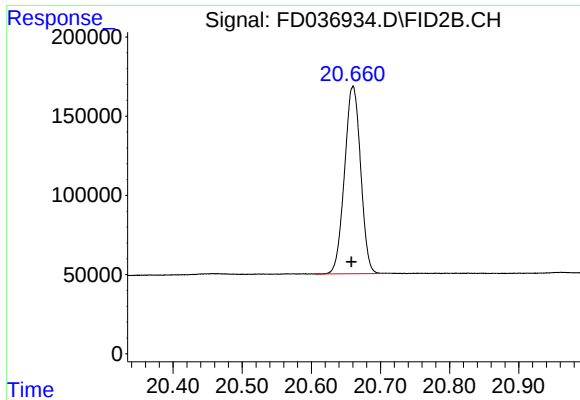
#19 n-Tetratriacontane (C34)

R.T.: 19.215 min  
Delta R.T.: 0.000 min  
Response: 2011816  
Conc: 19.59 ug/ml



#20 n-Hexatriacontane (C36)

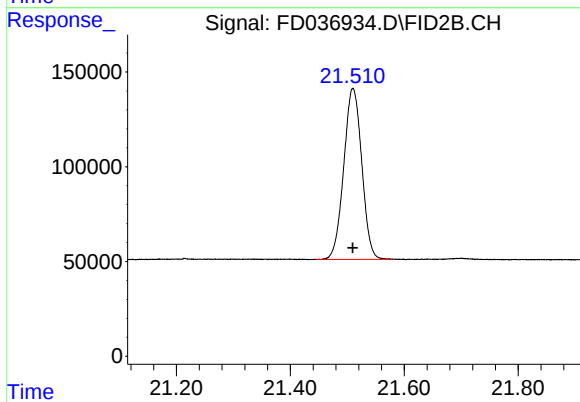
R.T.: 19.951 min  
Delta R.T.: 0.000 min  
Response: 1972805  
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.660 min  
Delta R.T.: 0.002 min  
Response: 1913258  
Conc: 20.69 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.510 min  
Delta R.T.: 0.000 min  
Response: 1980004  
Conc: 19.63 ug/ml