

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020222AL\  
 Data File : FD040867.D  
 Signal(s) : FID2B.CH  
 Acq On : 02 Feb 2022 22:42  
 Operator : AJ\MA  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Feb 02 23:08:47 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 020222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 02 23:07:01 2022  
 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)    | 10.596 | 1596523    | 10.794 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.59%       |
| 12) S 1-chlorooctadecane (S... | 12.035 | 1203547    | 10.795 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.59%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.560  | 1366759    | 10.828 ug/ml |
| 2) T n-Decane (C10)            | 3.542  | 1374580    | 10.784 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.070  | 1470004    | 10.634 ug/ml |
| 4) T n-Dodecane (C12)          | 5.507  | 1380038    | 10.772 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.108  | 1469348    | 10.567 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.282  | 1398644    | 10.749 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.867  | 1397746    | 10.739 ug/ml |
| 8) T n-Octadecane (C18)        | 10.297 | 1425290    | 10.775 ug/ml |
| 10) T n-Eicosane (C20)         | 11.597 | 1400684    | 10.813 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.205 | 1408996    | 10.860 ug/ml |
| 13) T n-Docosane (C22)         | 12.787 | 1390141    | 10.869 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.883 | 1382581    | 10.908 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.896 | 1348020    | 10.973 ug/ml |
| 16) T n-Octacosane (C28)       | 15.840 | 1330059    | 10.996 ug/ml |
| 17) T n-Tricontane (C30)       | 16.723 | 1291925    | 11.070 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.551 | 1189383    | 11.014 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.330 | 1094247    | 10.986 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.065 | 966153     | 10.555 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.763 | 904643     | 10.693 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.554 | 894661     | 10.580 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

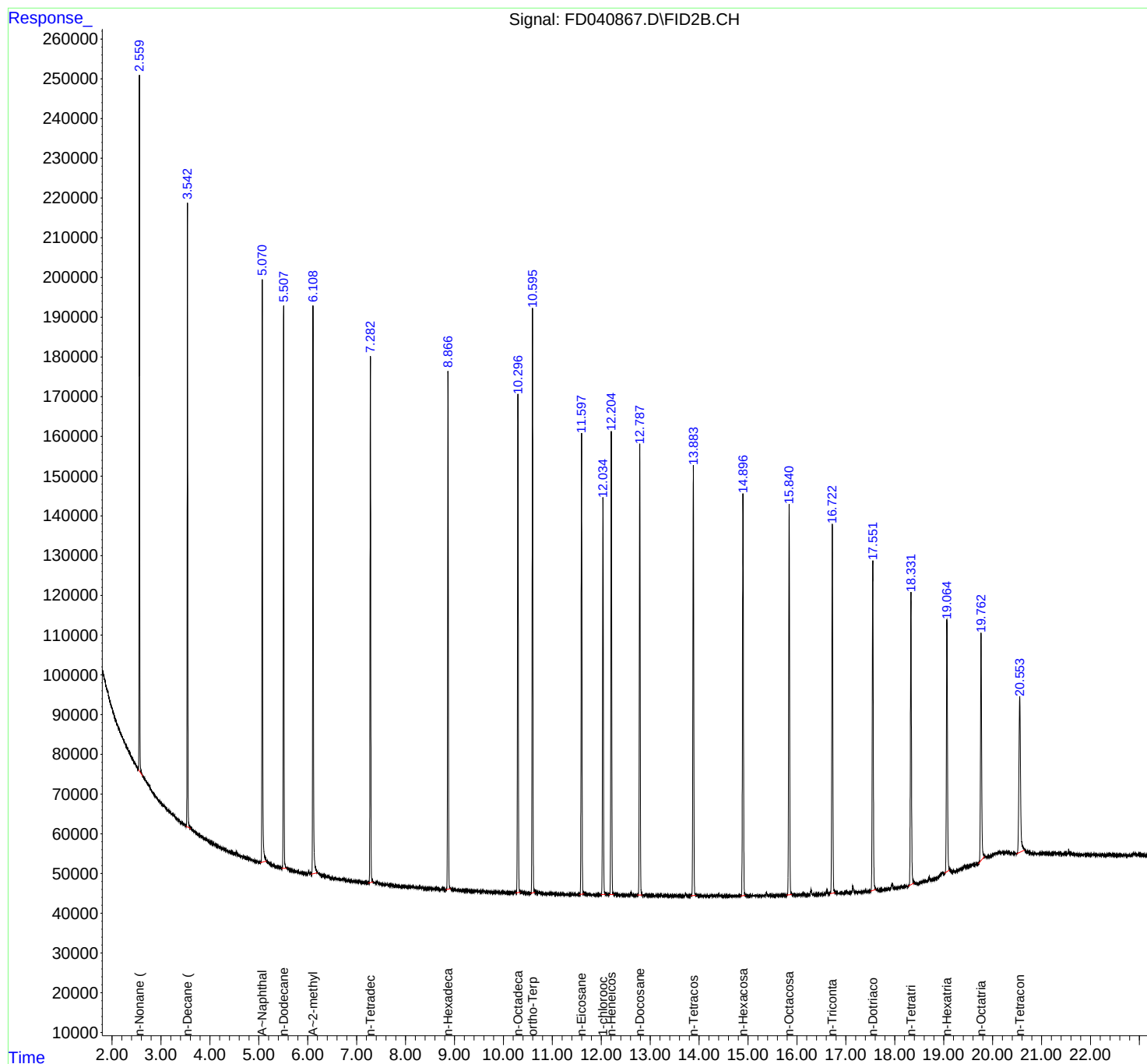
(m)=manual int.

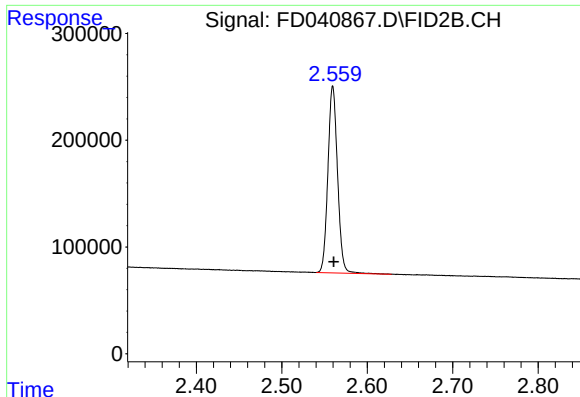
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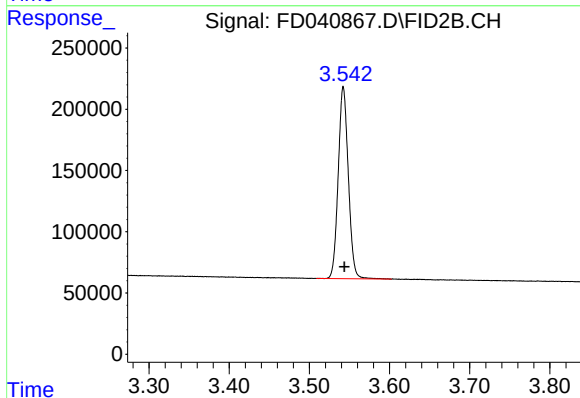




#1 n-Nonane (C9)

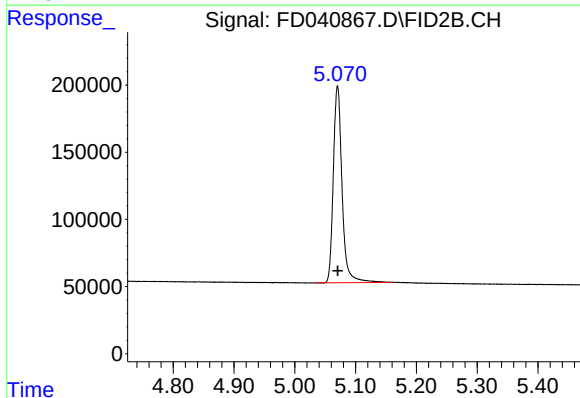
R.T.: 2.560 min  
Delta R.T.: -0.001 min  
Response: 1366759  
Conc: 10.83 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



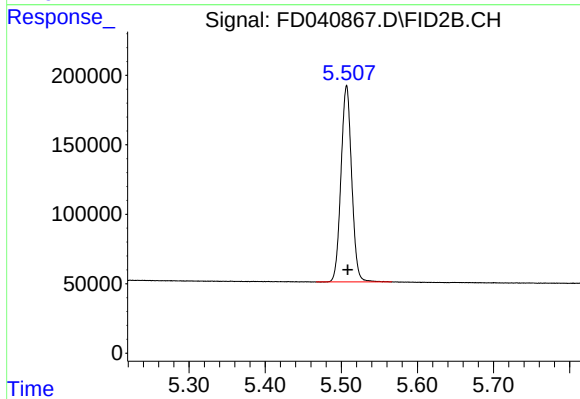
#2 n-Decane (C10)

R.T.: 3.542 min  
Delta R.T.: -0.001 min  
Response: 1374580  
Conc: 10.78 ug/ml



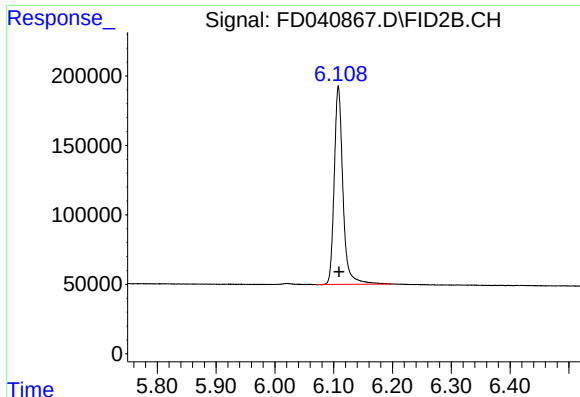
#3 A~Naphthalene (C11.7)

R.T.: 5.070 min  
Delta R.T.: 0.000 min  
Response: 1470004  
Conc: 10.63 ug/ml



#4 n-Dodecane (C12)

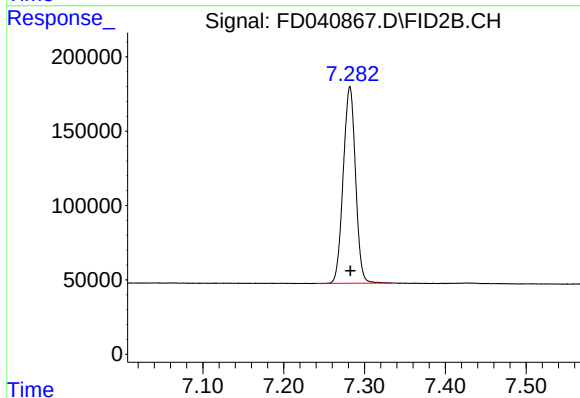
R.T.: 5.507 min  
Delta R.T.: -0.001 min  
Response: 1380038  
Conc: 10.77 ug/ml



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

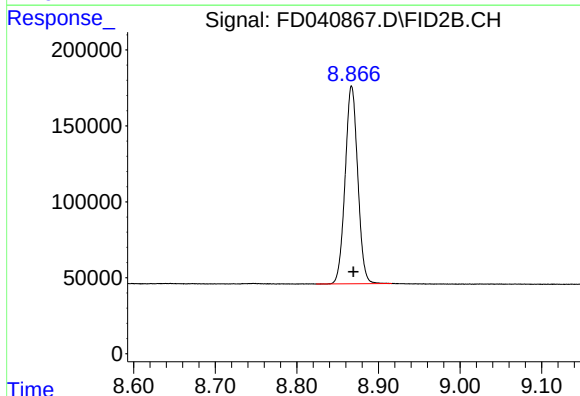
R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 1469348  
Conc: 10.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



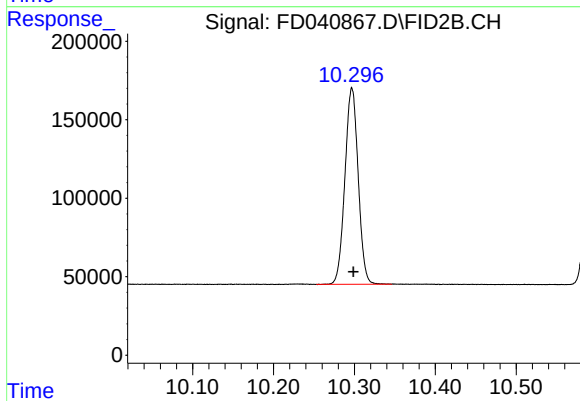
#6 n-Tetradecane (C14)

R.T.: 7.282 min  
Delta R.T.: 0.000 min  
Response: 1398644  
Conc: 10.75 ug/ml



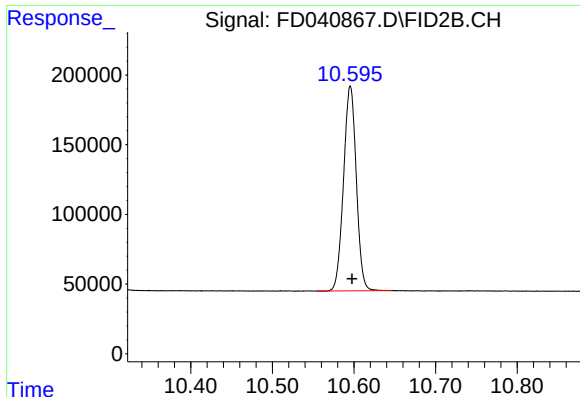
#7 n-Hexadecane (C16)

R.T.: 8.867 min  
Delta R.T.: -0.002 min  
Response: 1397746  
Conc: 10.74 ug/ml



#8 n-Octadecane (C18)

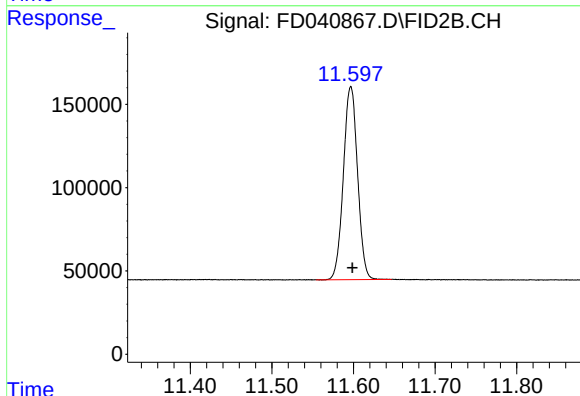
R.T.: 10.297 min  
Delta R.T.: -0.002 min  
Response: 1425290  
Conc: 10.78 ug/ml



#9 ortho-Terphenyl (SURR)

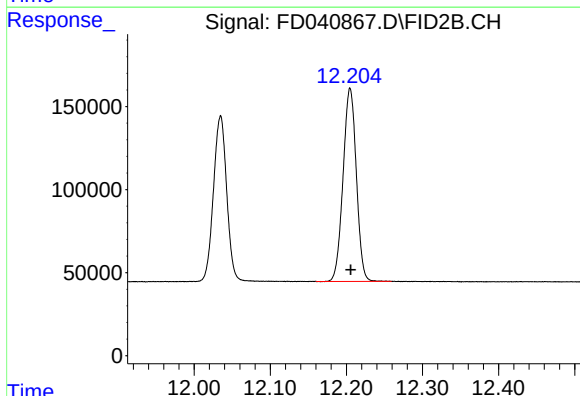
R.T.: 10.596 min  
Delta R.T.: -0.002 min  
Response: 1596523  
Conc: 10.79 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



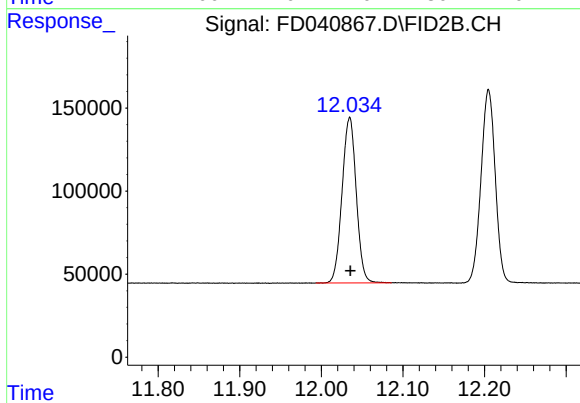
#10 n-Eicosane (C20)

R.T.: 11.597 min  
Delta R.T.: -0.002 min  
Response: 1400684  
Conc: 10.81 ug/ml



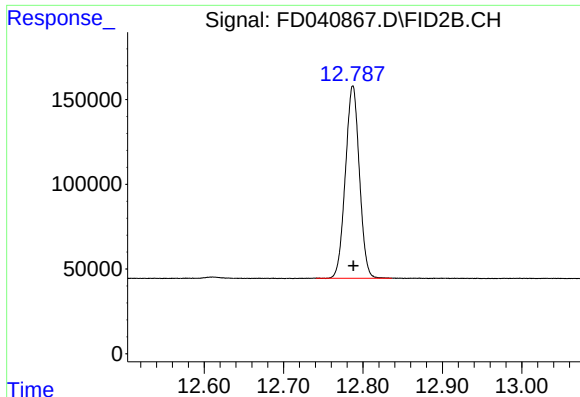
#11 n-Heneicosane (C21)

R.T.: 12.205 min  
Delta R.T.: 0.000 min  
Response: 1408996  
Conc: 10.86 ug/ml



#12 1-chlorooctadecane (SURR)

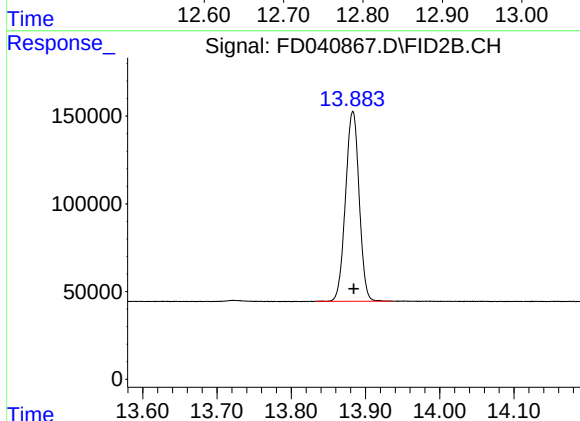
R.T.: 12.035 min  
Delta R.T.: 0.000 min  
Response: 1203547  
Conc: 10.80 ug/ml



#13 n-Docosane (C22)

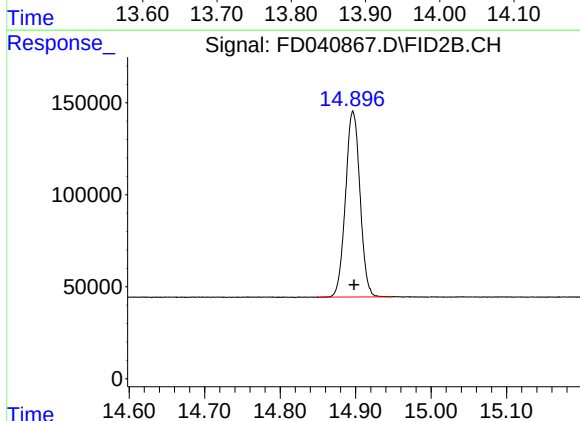
R.T.: 12.787 min  
Delta R.T.: 0.000 min  
Response: 1390141  
Conc: 10.87 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



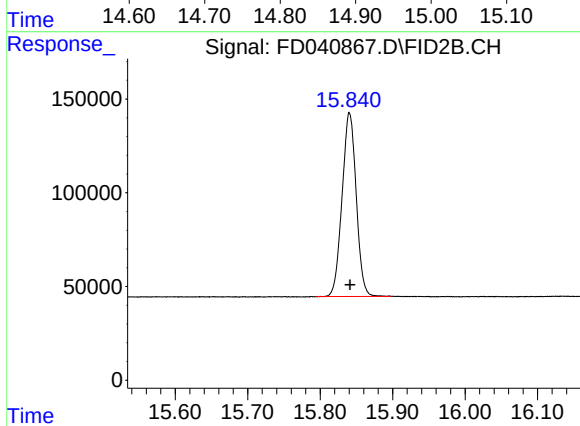
#14 n-Tetracosane (C24)

R.T.: 13.883 min  
Delta R.T.: -0.001 min  
Response: 1382581  
Conc: 10.91 ug/ml



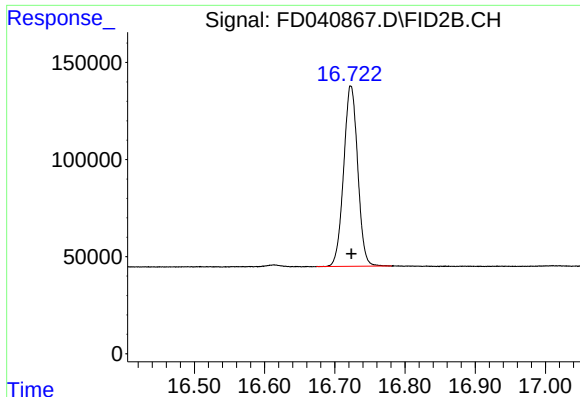
#15 n-Hexacosane (C26)

R.T.: 14.896 min  
Delta R.T.: -0.002 min  
Response: 1348020  
Conc: 10.97 ug/ml



#16 n-Octacosane (C28)

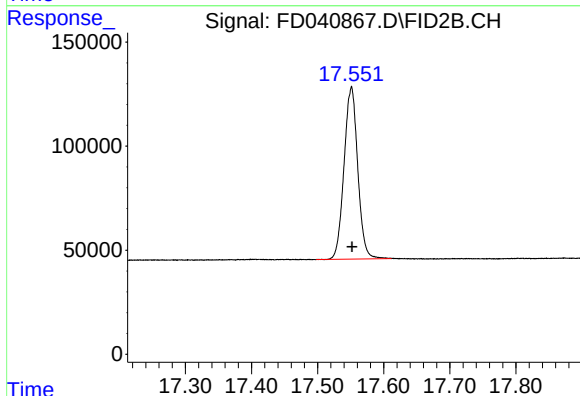
R.T.: 15.840 min  
Delta R.T.: 0.000 min  
Response: 1330059  
Conc: 11.00 ug/ml



#17 n-Tricontane (C30)

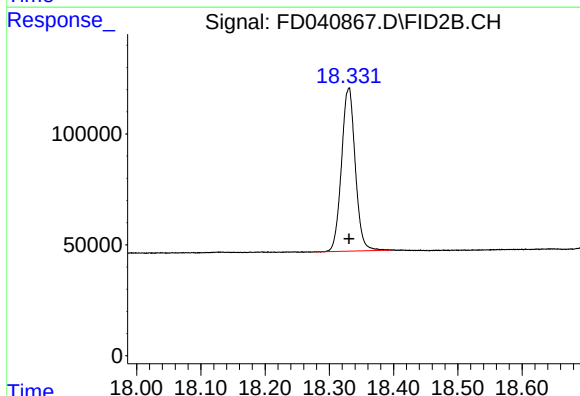
R.T.: 16.723 min  
Delta R.T.: 0.000 min  
Response: 1291925  
Conc: 11.07 ug/ml

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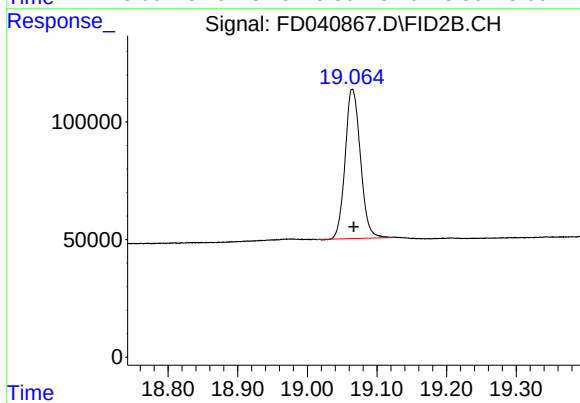
#18 n-Dotriacontane (C32)

R.T.: 17.551 min  
Delta R.T.: 0.000 min  
Response: 1189383  
Conc: 11.01 ug/ml



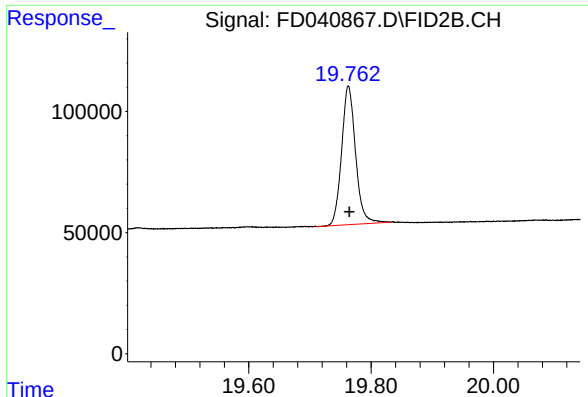
#19 n-Tetratriacontane (C34)

R.T.: 18.330 min  
Delta R.T.: 0.000 min  
Response: 1094247  
Conc: 10.99 ug/ml



#20 n-Hexatriacontane (C36)

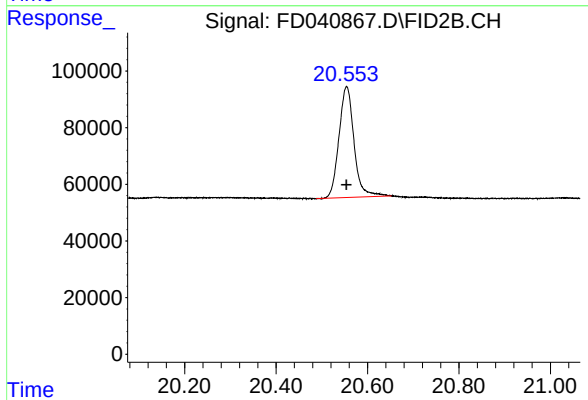
R.T.: 19.065 min  
Delta R.T.: -0.002 min  
Response: 966153  
Conc: 10.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.763 min  
Delta R.T.: -0.002 min  
Response: 904643  
Conc: 10.69 ug/ml

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

R.T.: 20.554 min  
Delta R.T.: 0.000 min  
Response: 894661  
Conc: 10.58 ug/ml