

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011222AL\  
 Data File : FD040585.D  
 Signal(s) : FID2B.CH  
 Acq On : 13 Jan 2022 00:19  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: sample.E  
 Quant Time: Jan 13 01:23:49 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 010422.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 07:08:39 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)    | 10.623 | 3067022    | 19.891 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.78%       |
| 12) S 1-chlorooctadecane (S... | 12.061 | 2317478    | 19.689 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.38%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.571  | 2644763    | 20.601 ug/ml |
| 2) T n-Decane (C10)            | 3.557  | 2702232    | 20.986 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.088  | 3003899    | 21.143 ug/ml |
| 4) T n-Dodecane (C12)          | 5.526  | 2738680    | 21.427 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.129  | 3023179    | 21.430 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.303  | 2807496    | 21.673 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.891  | 2815060    | 21.607 ug/ml |
| 8) T n-Octadecane (C18)        | 10.322 | 2846944    | 21.010 ug/ml |
| 10) T n-Eicosane (C20)         | 11.623 | 2789615    | 20.509 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.231 | 2740238    | 19.789 ug/ml |
| 13) T n-Docosane (C22)         | 12.815 | 2817517    | 20.433 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.911 | 2970367    | 21.243 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.926 | 2981558    | 21.630 ug/ml |
| 16) T n-Octacosane (C28)       | 15.871 | 3041551    | 22.416 ug/ml |
| 17) T n-Tricontane (C30)       | 16.754 | 3047877    | 23.384 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.582 | 2844621    | 23.795 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.362 | 2491927    | 23.667 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.097 | 2114625    | 20.868 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.797 | 1982139    | 22.185 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.598 | 1965632    | 22.995 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

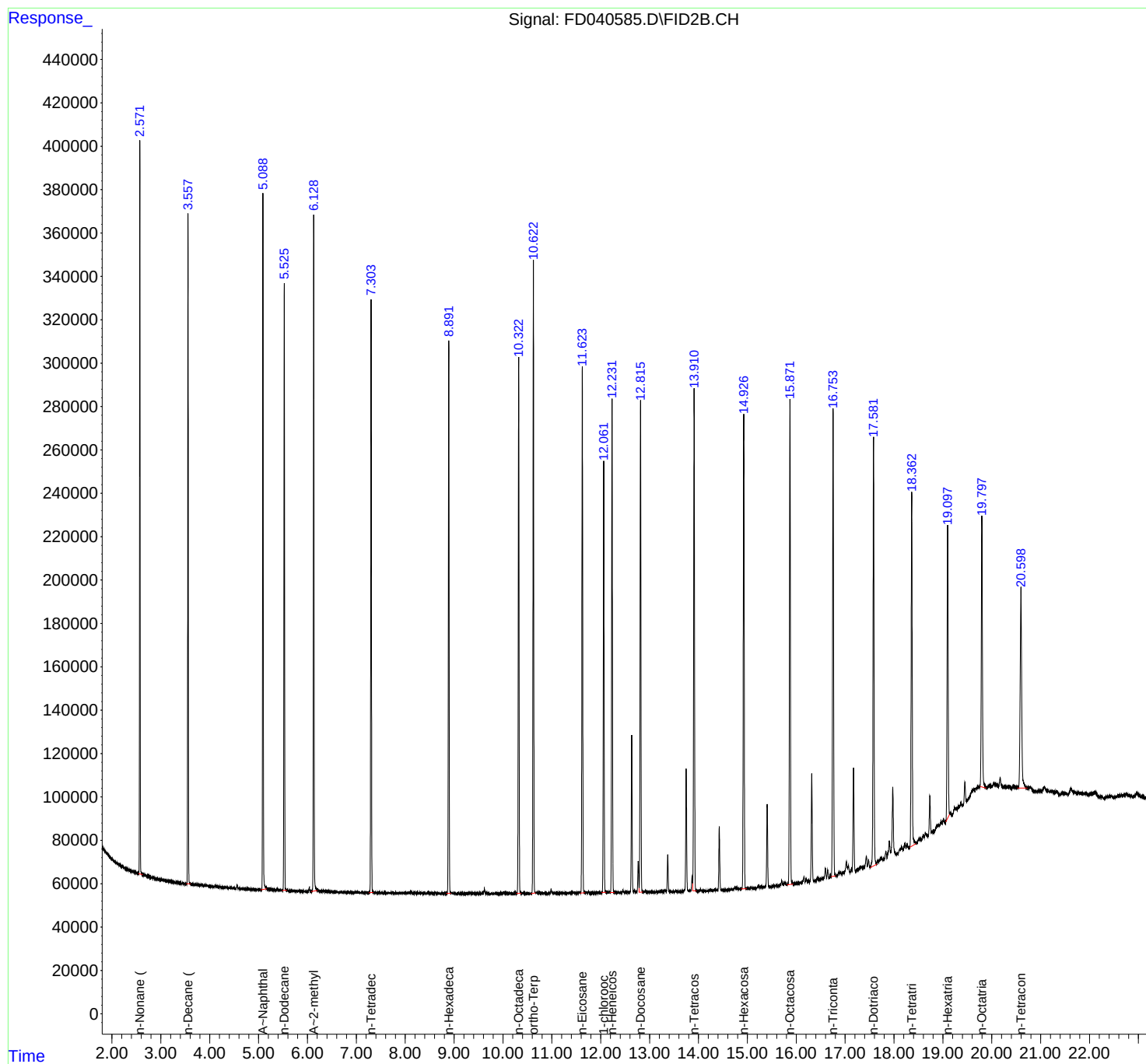
(m)=manual int.

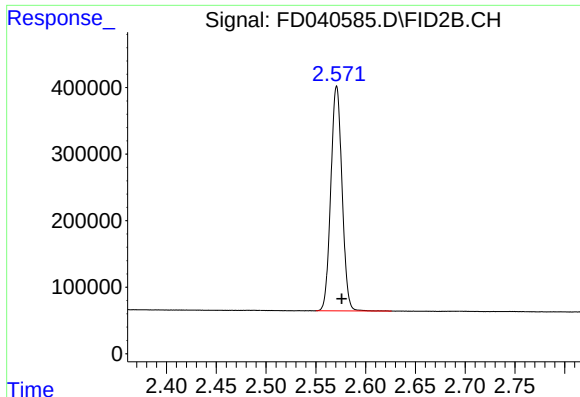
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011222AL\  
Data File : FD040585.D  
Signal(s) : FID2B.CH  
Acq On : 13 Jan 2022 00:19  
Operator : AJ\MA  
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Misc :  
ALS Vial : 52 Sample Multiplier: 1

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 010422.M  
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QLast Update : Wed Jan 05 07:08:39 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

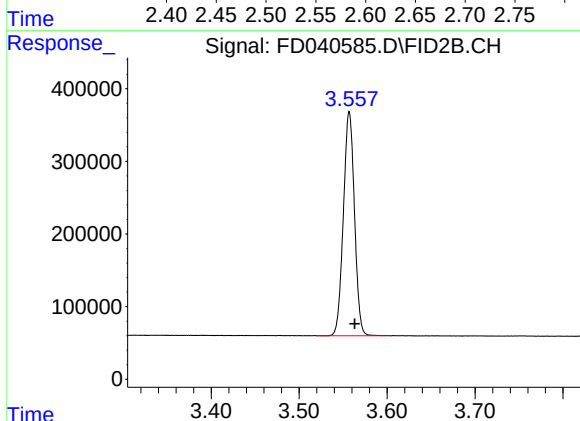




#1 n-Nonane (C9)

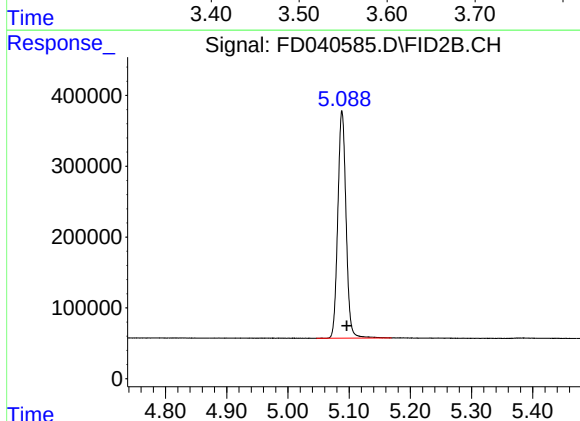
R.T.: 2.571 min  
Delta R.T.: -0.005 min  
Response: 2644763  
Conc: 20.60 ug/ml

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



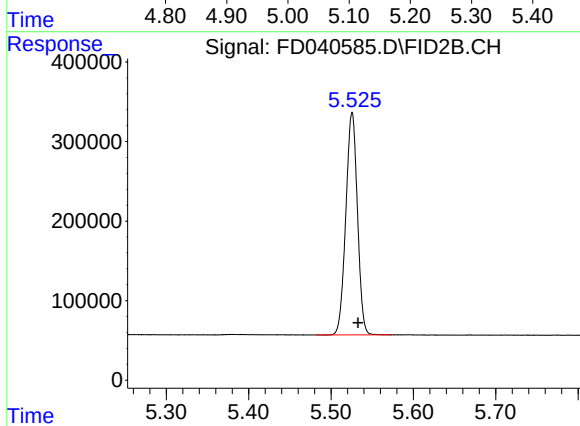
#2 n-Decane (C10)

R.T.: 3.557 min  
Delta R.T.: -0.006 min  
Response: 2702232  
Conc: 20.99 ug/ml



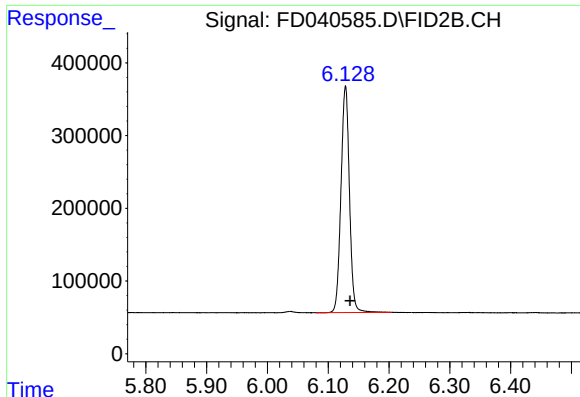
#3 A~Naphthalene (C11.7)

R.T.: 5.088 min  
Delta R.T.: -0.008 min  
Response: 3003899  
Conc: 21.14 ug/ml



#4 n-Dodecane (C12)

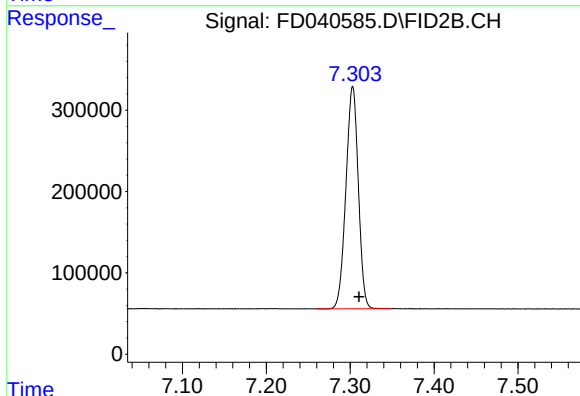
R.T.: 5.526 min  
Delta R.T.: -0.007 min  
Response: 2738680  
Conc: 21.43 ug/ml



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

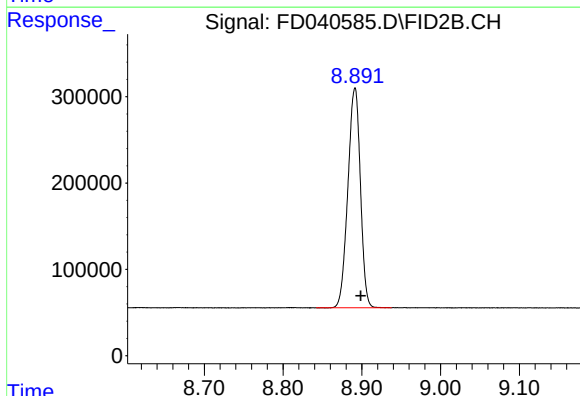
R.T.: 6.129 min  
Delta R.T.: -0.008 min  
Response: 3023179  
Conc: 21.43 ug/ml

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



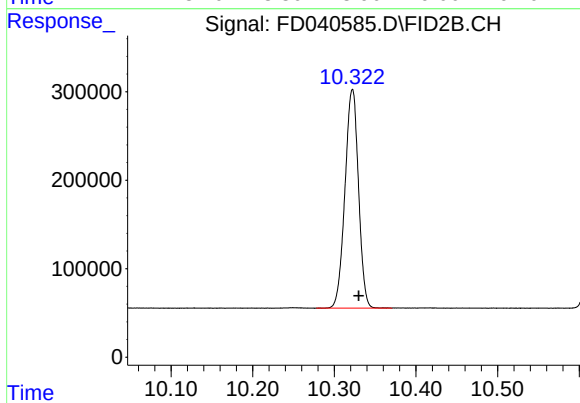
#6 n-Tetradecane (C14)

R.T.: 7.303 min  
Delta R.T.: -0.008 min  
Response: 2807496  
Conc: 21.67 ug/ml



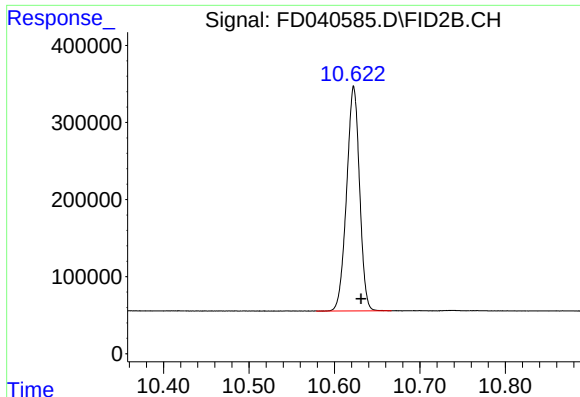
#7 n-Hexadecane (C16)

R.T.: 8.891 min  
Delta R.T.: -0.007 min  
Response: 2815060  
Conc: 21.61 ug/ml



#8 n-Octadecane (C18)

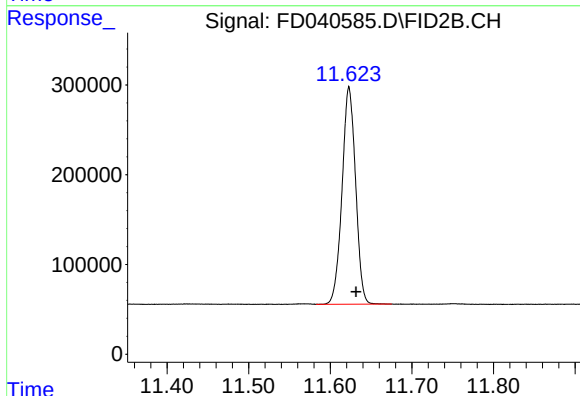
R.T.: 10.322 min  
Delta R.T.: -0.008 min  
Response: 2846944  
Conc: 21.01 ug/ml



#9 ortho-Terphenyl (SURR)

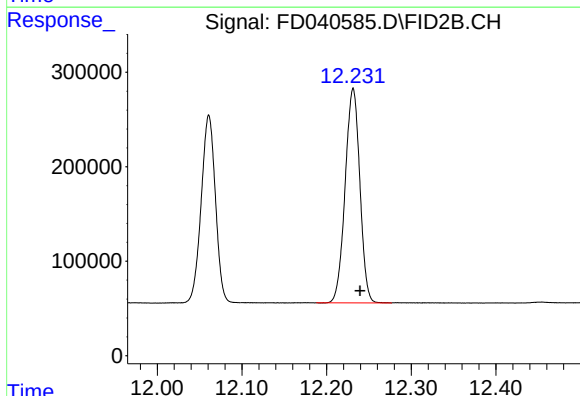
R.T.: 10.623 min  
Delta R.T.: -0.008 min  
Response: 3067022  
Conc: 19.89 ug/ml

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



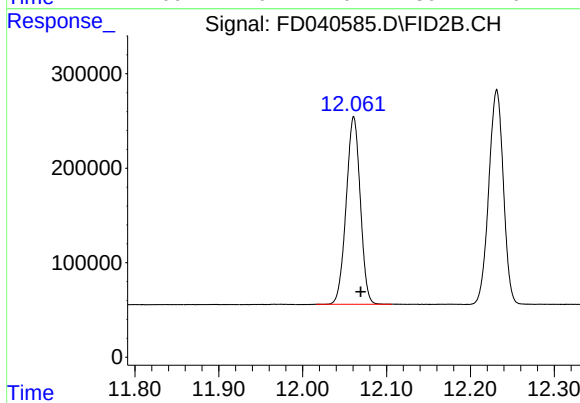
#10 n-Eicosane (C20)

R.T.: 11.623 min  
Delta R.T.: -0.009 min  
Response: 2789615  
Conc: 20.51 ug/ml



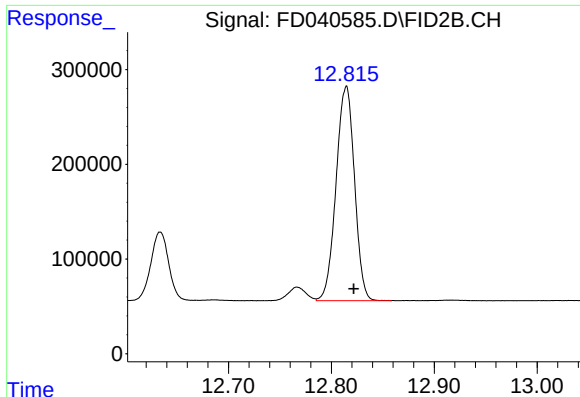
#11 n-Heneicosane (C21)

R.T.: 12.231 min  
Delta R.T.: -0.008 min  
Response: 2740238  
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

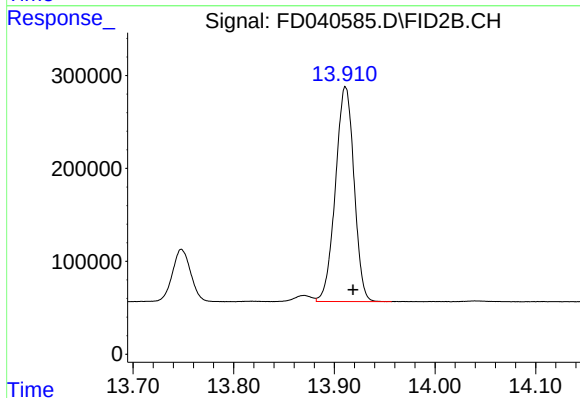
R.T.: 12.061 min  
Delta R.T.: -0.008 min  
Response: 2317478  
Conc: 19.69 ug/ml



#13 n-Docosane (C22)

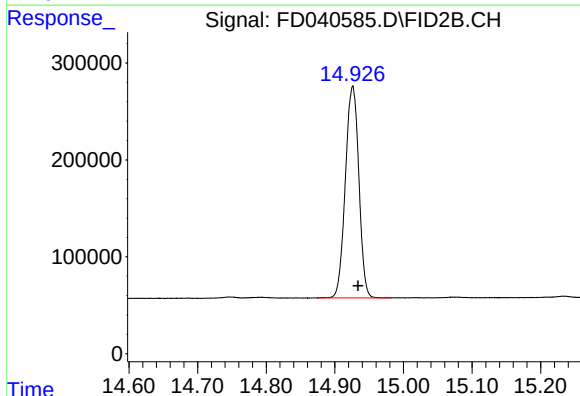
R.T.: 12.815 min  
Delta R.T.: -0.007 min  
Response: 2817517  
Conc: 20.43 ug/ml

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



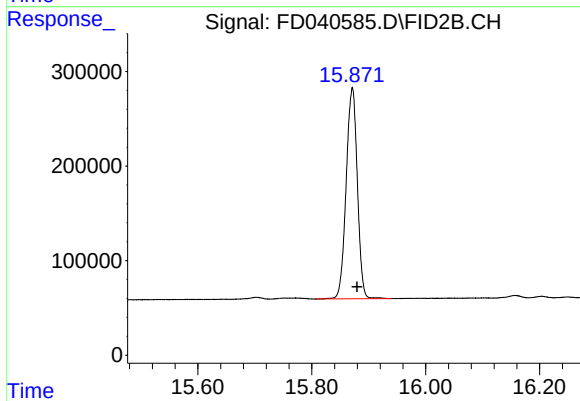
#14 n-Tetracosane (C24)

R.T.: 13.911 min  
Delta R.T.: -0.007 min  
Response: 2970367  
Conc: 21.24 ug/ml



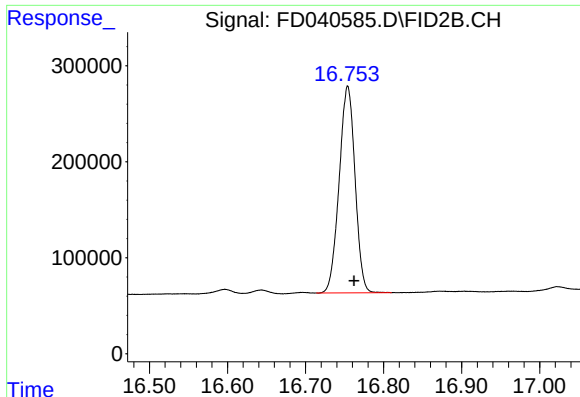
#15 n-Hexacosane (C26)

R.T.: 14.926 min  
Delta R.T.: -0.008 min  
Response: 2981558  
Conc: 21.63 ug/ml



#16 n-Octacosane (C28)

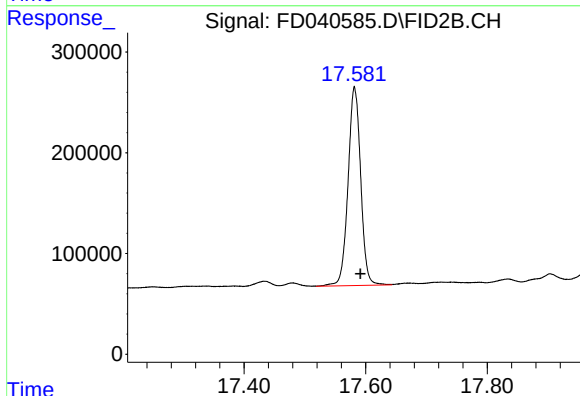
R.T.: 15.871 min  
Delta R.T.: -0.008 min  
Response: 3041551  
Conc: 22.42 ug/ml



#17 n-Tricontane (C30)

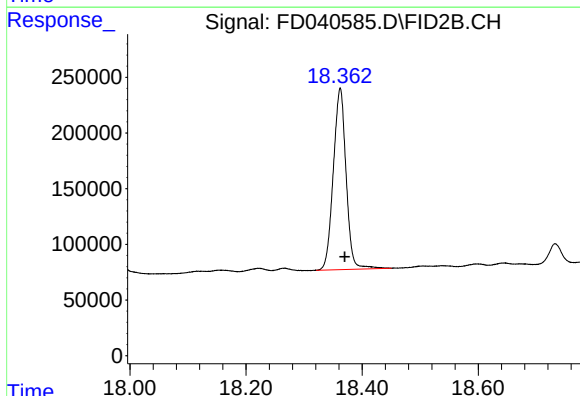
R.T.: 16.754 min  
Delta R.T.: -0.008 min  
Response: 3047877  
Conc: 23.38 ug/ml

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



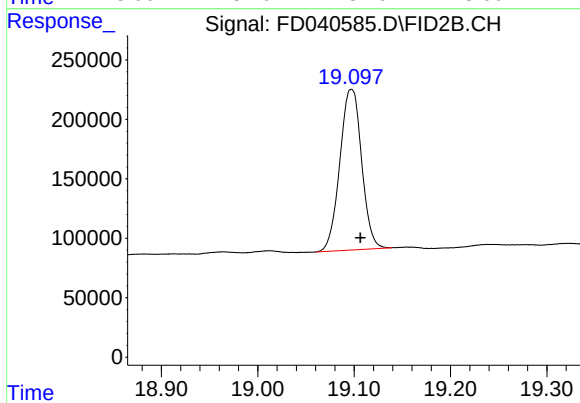
#18 n-Dotriacontane (C32)

R.T.: 17.582 min  
Delta R.T.: -0.010 min  
Response: 2844621  
Conc: 23.80 ug/ml



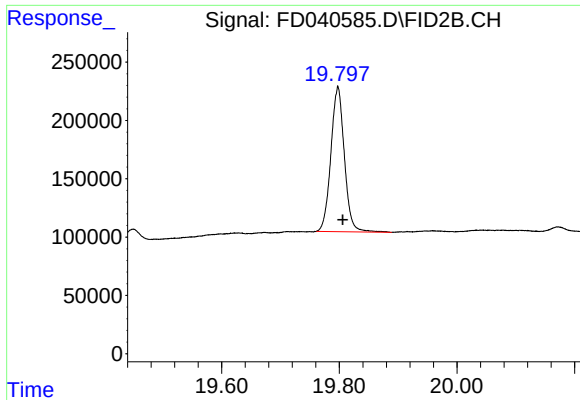
#19 n-Tetratriacontane (C34)

R.T.: 18.362 min  
Delta R.T.: -0.008 min  
Response: 2491927  
Conc: 23.67 ug/ml



#20 n-Hexatriacontane (C36)

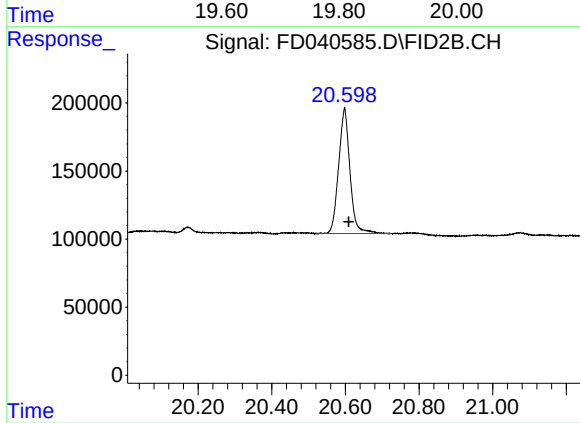
R.T.: 19.097 min  
Delta R.T.: -0.009 min  
Response: 2114625  
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.797 min  
Delta R.T.: -0.008 min  
Response: 1982139  
Conc: 22.19 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 20.598 min  
Delta R.T.: -0.011 min  
Response: 1965632  
Conc: 22.99 ug/ml