

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072120AL\  
 Data File : FD034095.D  
 Signal(s) : FID2B.CH  
 Acq On : 22 Jul 2020 12:29  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jul 22 13:15:33 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 070820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 08 04:25:35 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)    | 11.615 | 2837299    | 20.906 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.81%       |
| 12) S 1-chlorooctadecane (S... | 13.043 | 2299691    | 20.675 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.35%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.392  | 2595133    | 21.621 ug/ml |
| 2) T n-Decane (C10)            | 4.460  | 2629032    | 21.732 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.044  | 2935855    | 21.765 ug/ml |
| 4) T n-Dodecane (C12)          | 6.474  | 2678527    | 21.820 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.098  | 2998184    | 21.742 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.264  | 2678159    | 21.928 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.859  | 2635747    | 21.672 ug/ml |
| 8) T n-Octadecane (C18)        | 11.296 | 2713410    | 21.398 ug/ml |
| 10) T n-Eicosane (C20)         | 12.601 | 2688076    | 21.012 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.210 | 2658629    | 20.755 ug/ml |
| 13) T n-Docosane (C22)         | 13.792 | 2627570    | 20.495 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.891 | 2559656    | 19.946 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.907 | 2452779    | 19.271 ug/ml |
| 16) T n-Octacosane (C28)       | 16.852 | 2373180    | 18.694 ug/ml |
| 17) T n-Tricontane (C30)       | 17.734 | 2263609    | 18.298 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.561 | 2046910    | 18.170 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.339 | 1902237    | 18.060 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.073 | 1802481    | 17.879 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.805 | 1726777    | 18.907 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.708 | 1779122    | 20.017 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

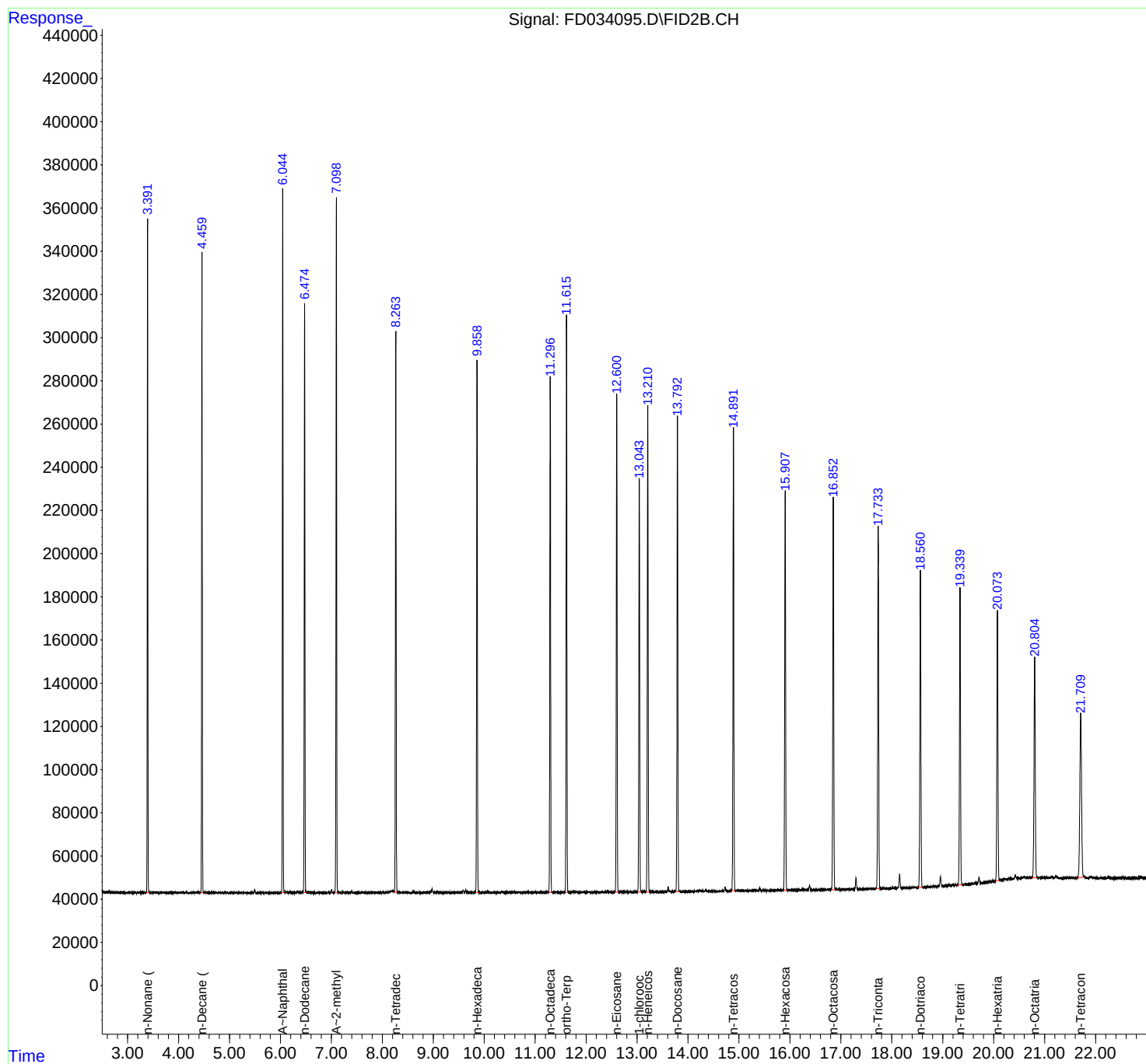
(m)=manual int.

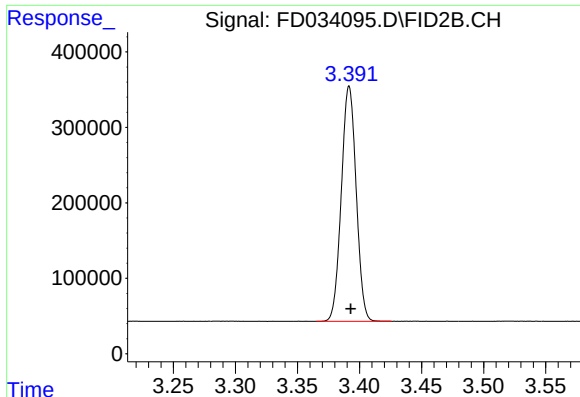
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072120AL\  
Data File : FD034095.D  
Signal(s) : FID2B.CH  
Acq On : 22 Jul 2020 12:29  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 62 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 070820.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 08 04:25:35 2020  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

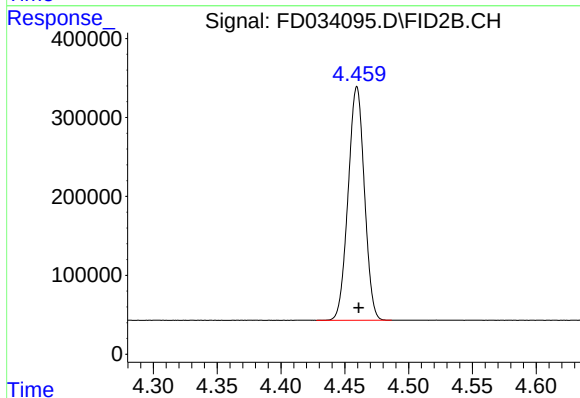




#1 n-Nonane (C9)

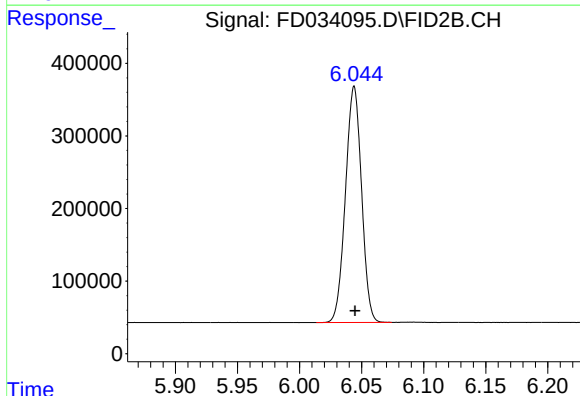
R.T.: 3.392 min  
Delta R.T.: -0.001 min  
Response: 2595133  
Conc: 21.62 ug/ml

Instrument :  
FID\_D  
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20 PPM ALIPHATIC HC STD



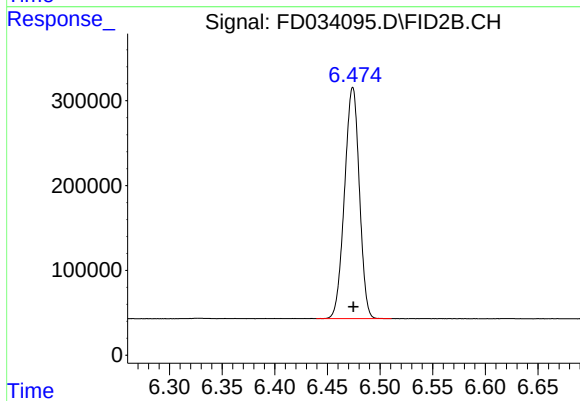
#2 n-Decane (C10)

R.T.: 4.460 min  
Delta R.T.: -0.001 min  
Response: 2629032  
Conc: 21.73 ug/ml



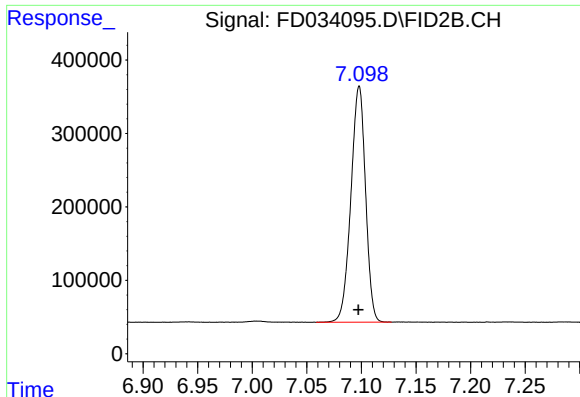
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min  
Delta R.T.: 0.000 min  
Response: 2935855  
Conc: 21.76 ug/ml



#4 n-Dodecane (C12)

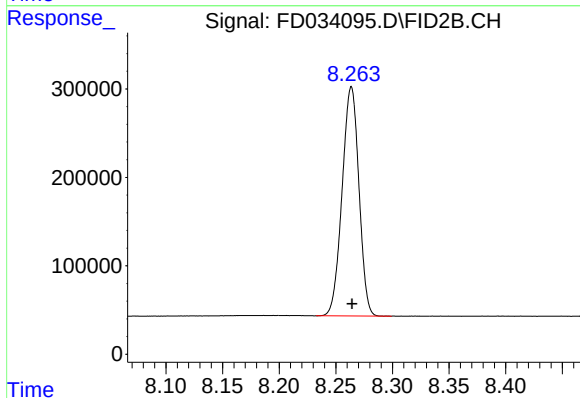
R.T.: 6.474 min  
Delta R.T.: 0.000 min  
Response: 2678527  
Conc: 21.82 ug/ml



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

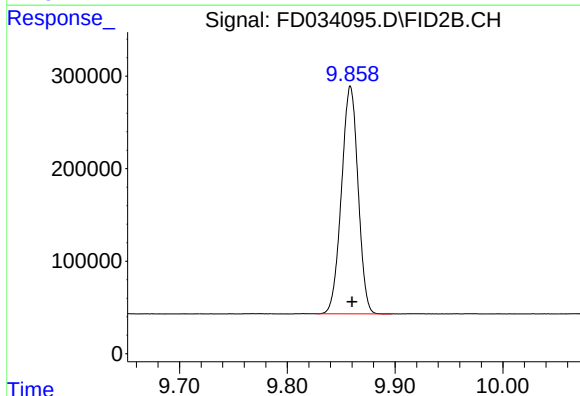
R.T.: 7.098 min  
Delta R.T.: 0.000 min  
Response: 2998184  
Conc: 21.74 ug/ml

Instrument :  
FID\_D  
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20 PPM ALIPHATIC HC STD



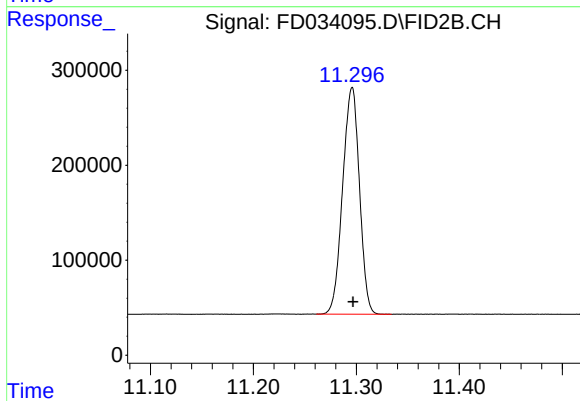
#6 n-Tetradecane (C14)

R.T.: 8.264 min  
Delta R.T.: 0.000 min  
Response: 2678159  
Conc: 21.93 ug/ml



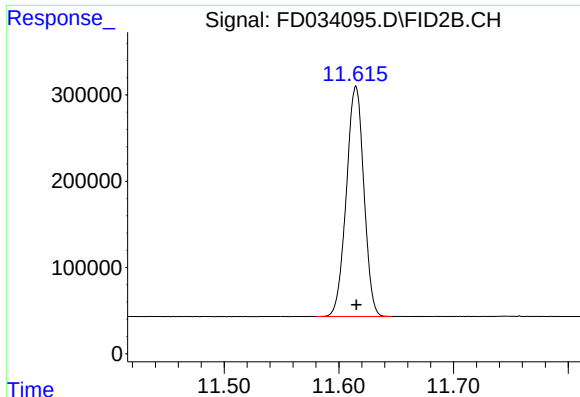
#7 n-Hexadecane (C16)

R.T.: 9.859 min  
Delta R.T.: -0.001 min  
Response: 2635747  
Conc: 21.67 ug/ml



#8 n-Octadecane (C18)

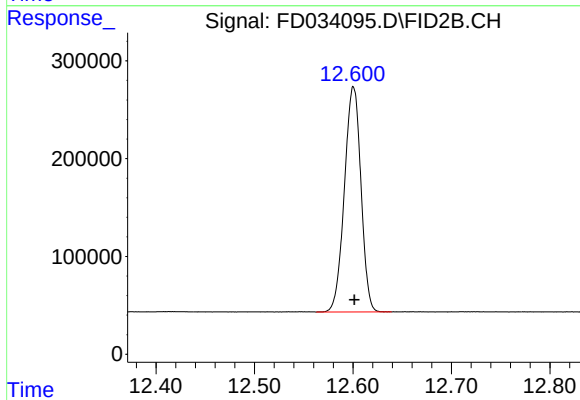
R.T.: 11.296 min  
Delta R.T.: 0.000 min  
Response: 2713410  
Conc: 21.40 ug/ml



#9 ortho-Terphenyl (SURR)

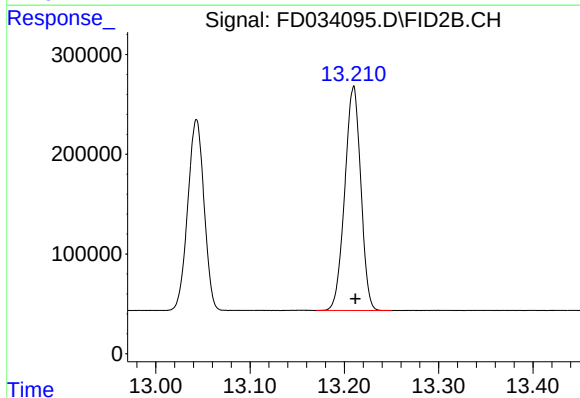
R.T.: 11.615 min  
Delta R.T.: 0.000 min  
Response: 2837299  
Conc: 20.91 ug/ml

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



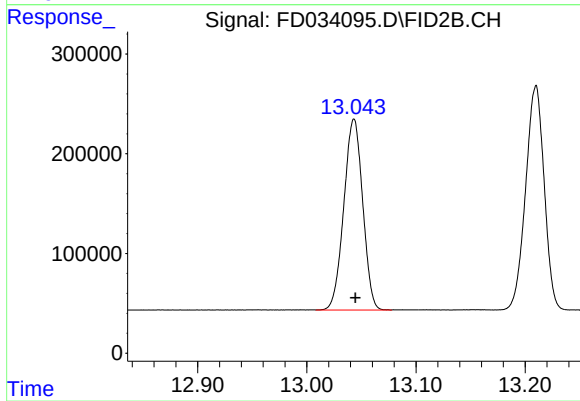
#10 n-Eicosane (C20)

R.T.: 12.601 min  
Delta R.T.: 0.000 min  
Response: 2688076  
Conc: 21.01 ug/ml



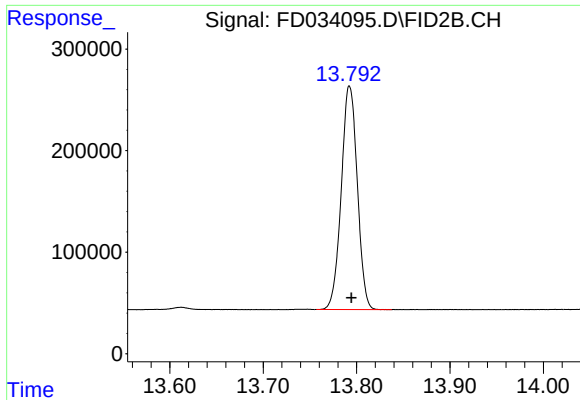
#11 n-Heneicosane (C21)

R.T.: 13.210 min  
Delta R.T.: -0.002 min  
Response: 2658629  
Conc: 20.75 ug/ml



#12 1-chlorooctadecane (SURR)

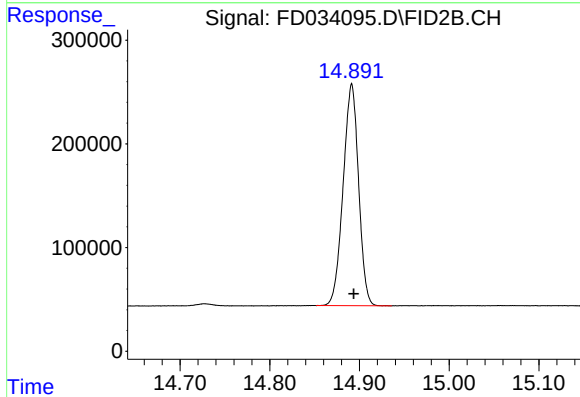
R.T.: 13.043 min  
Delta R.T.: -0.001 min  
Response: 2299691  
Conc: 20.68 ug/ml



#13 n-Docosane (C22)

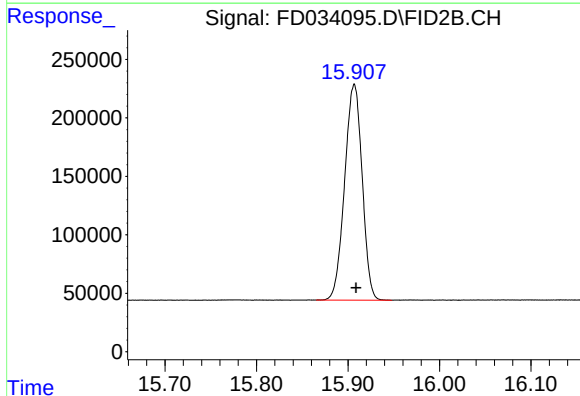
R.T.: 13.792 min  
Delta R.T.: -0.002 min  
Response: 2627570  
Conc: 20.49 ug/ml

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



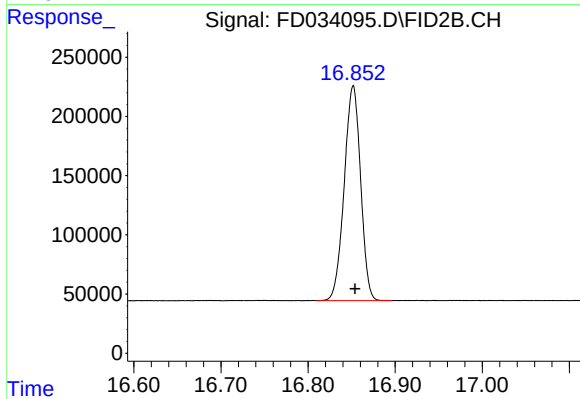
#14 n-Tetracosane (C24)

R.T.: 14.891 min  
Delta R.T.: -0.002 min  
Response: 2559656  
Conc: 19.95 ug/ml



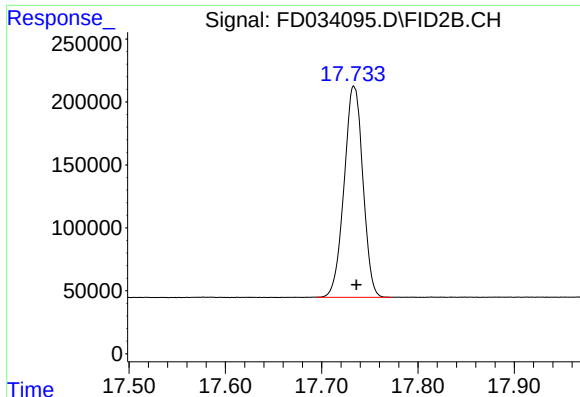
#15 n-Hexacosane (C26)

R.T.: 15.907 min  
Delta R.T.: -0.002 min  
Response: 2452779  
Conc: 19.27 ug/ml



#16 n-Octacosane (C28)

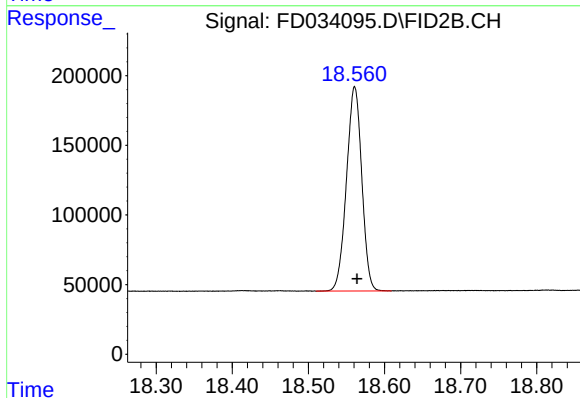
R.T.: 16.852 min  
Delta R.T.: -0.002 min  
Response: 2373180  
Conc: 18.69 ug/ml



#17 n-Tricontane (C30)

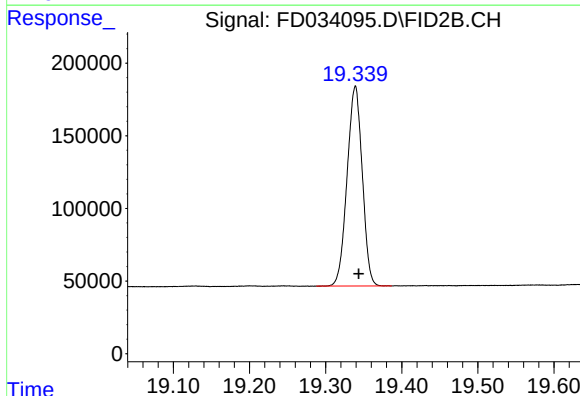
R.T.: 17.734 min  
Delta R.T.: -0.003 min  
Response: 2263609  
Conc: 18.30 ug/ml

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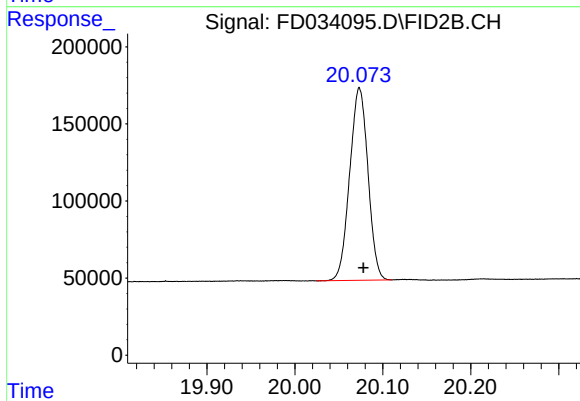
#18 n-Dotriacontane (C32)

R.T.: 18.561 min  
Delta R.T.: -0.003 min  
Response: 2046910  
Conc: 18.17 ug/ml



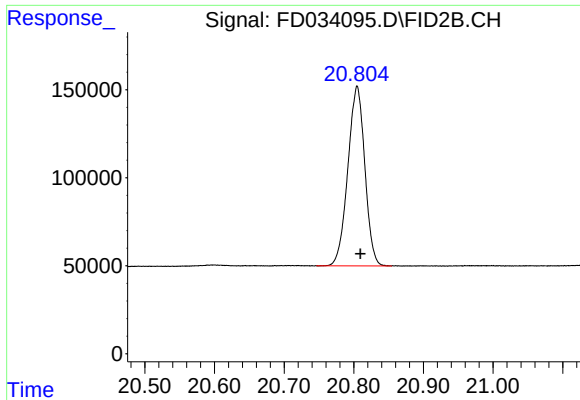
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min  
Delta R.T.: -0.005 min  
Response: 1902237  
Conc: 18.06 ug/ml



#20 n-Hexatriacontane (C36)

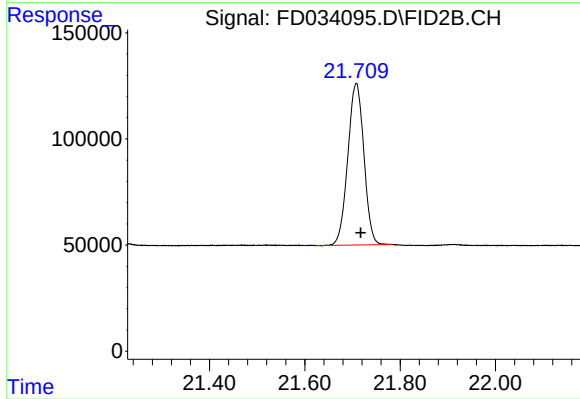
R.T.: 20.073 min  
Delta R.T.: -0.004 min  
Response: 1802481  
Conc: 17.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min  
Delta R.T.: -0.005 min  
Response: 1726777  
Conc: 18.91 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.708 min  
Delta R.T.: -0.009 min  
Response: 1779122  
Conc: 20.02 ug/ml