

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052222AL\  
 Data File : FD042600.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 May 2022 11:43  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 23 01:26:46 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 051922.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 19 05:18:51 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)    | 11.204 | 2961621    | 17.674 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.35%       |
| 12) S 1-chlorooctadecane (S... | 12.643 | 2287064    | 17.737 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.47%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.080  | 2698105    | 17.767 ug/ml |
| 2) T n-Decane (C10)            | 4.123  | 2686380    | 17.856 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.673  | 2752988    | 17.872 ug/ml |
| 4) T n-Dodecane (C12)          | 6.115  | 2775351    | 17.662 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.718  | 2749573    | 17.868 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.890  | 2770701    | 17.584 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.476  | 2789443    | 17.661 ug/ml |
| 8) T n-Octadecane (C18)        | 10.906 | 2789510    | 17.686 ug/ml |
| 10) T n-Eicosane (C20)         | 12.205 | 2739589    | 17.786 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.812 | 2697542    | 17.642 ug/ml |
| 13) T n-Docosane (C22)         | 13.394 | 2775515    | 18.536 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.491 | 2831641    | 19.631 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.505 | 2874322    | 20.524 ug/ml |
| 16) T n-Octacosane (C28)       | 16.449 | 2977435    | 21.841 ug/ml |
| 17) T n-Tricontane (C30)       | 17.332 | 3034350    | 22.791 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.157 | 2886590    | 22.685 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.938 | 2636624    | 21.846 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.675 | 2512491    | 22.185 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.371 | 2459185    | 22.773 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.141 | 2622700    | 24.586 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

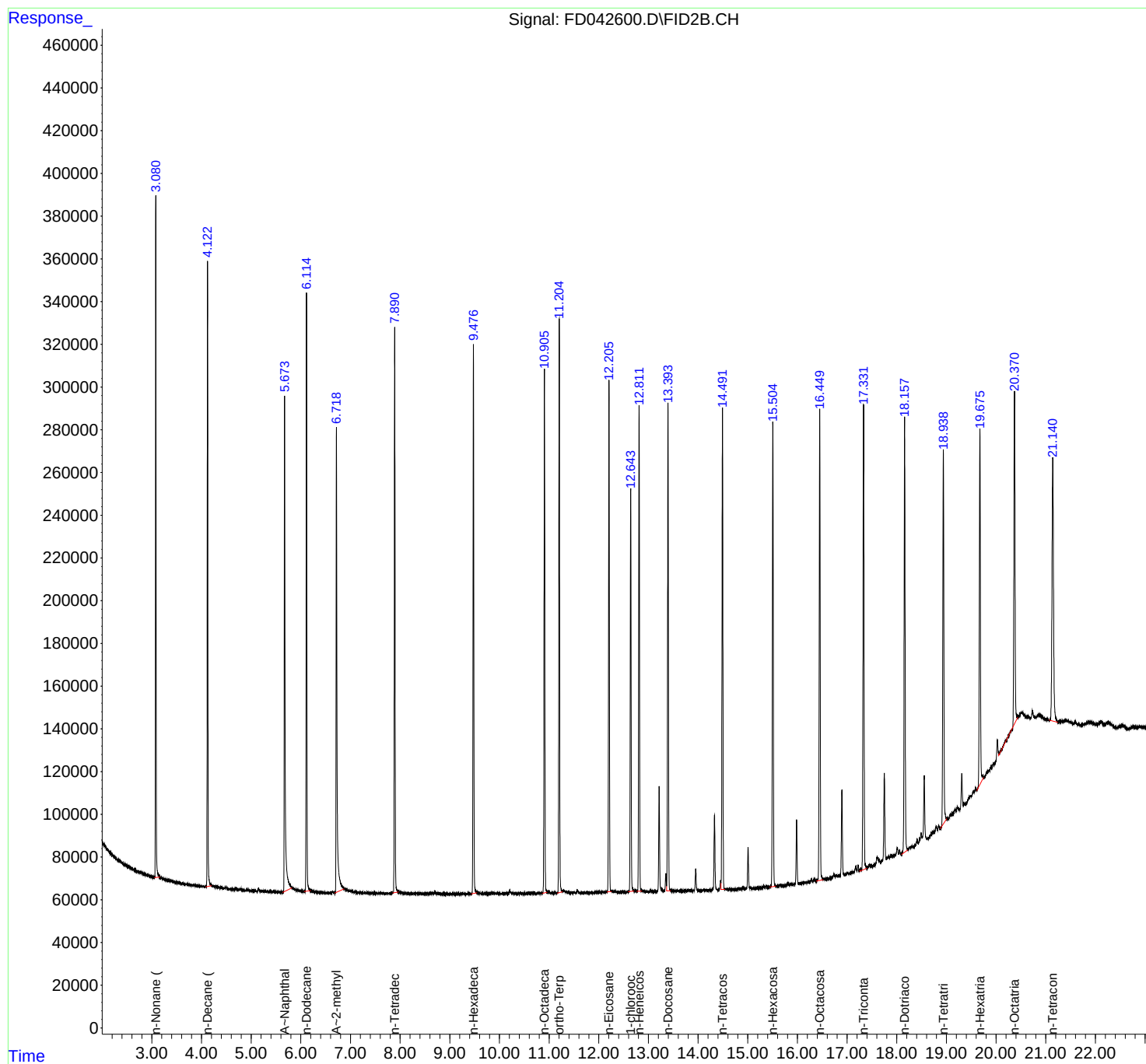
(m)=manual int.

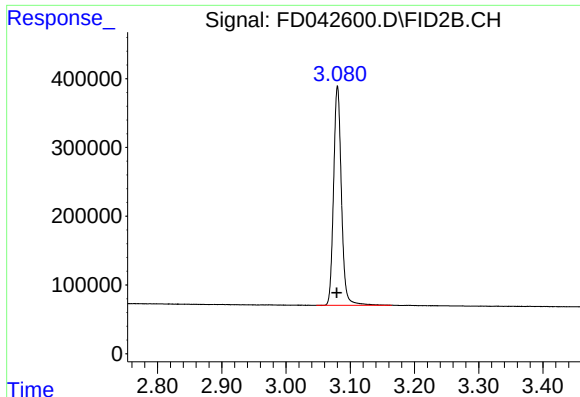
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052222AL\  
Data File : FD042600.D  
Signal(s) : FID2B.CH  
Acq On : 21 May 2022 11:43  
Operator : UA/NP  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
Quant Time: May 23 01:26:46 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 051922.M  
Quant Title : GC Extractables  
QLast Update : Thu May 19 05:18:51 2022  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

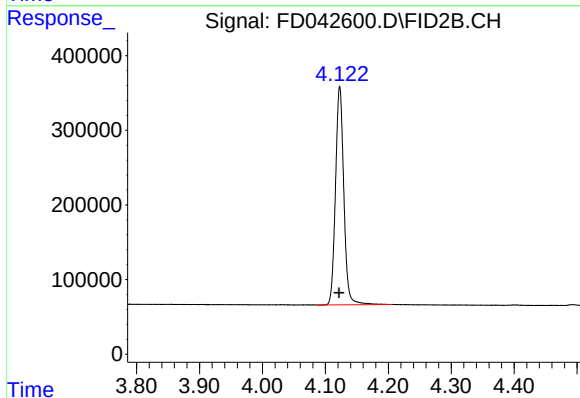




#1 n-Nonane (C9)

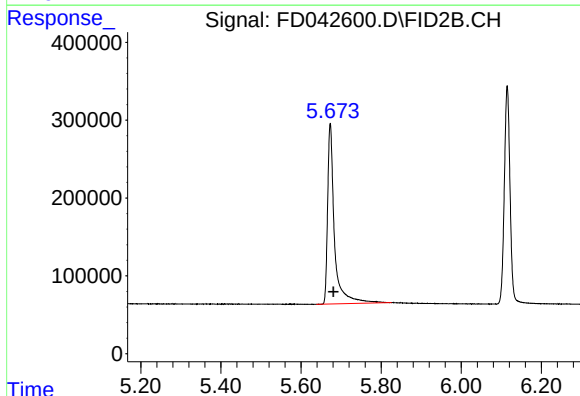
R.T.: 3.080 min  
Delta R.T.: 0.001 min  
Response: 2698105  
Conc: 17.77 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



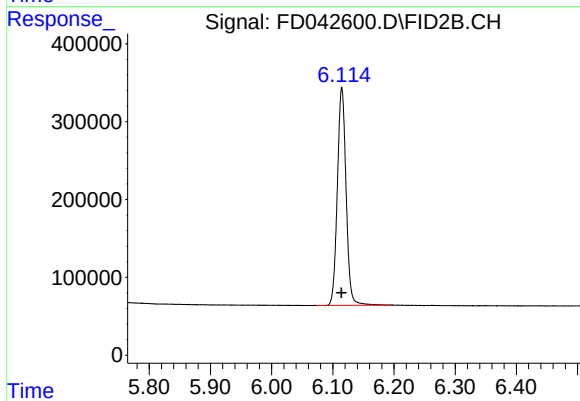
#2 n-Decane (C10)

R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 2686380  
Conc: 17.86 ug/ml



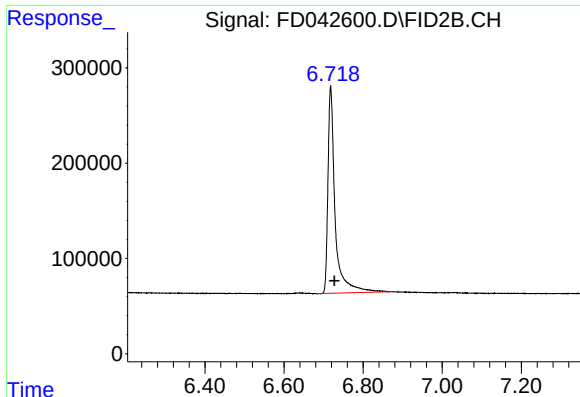
#3 A~Naphthalene (C11.7)

R.T.: 5.673 min  
Delta R.T.: -0.007 min  
Response: 2752988  
Conc: 17.87 ug/ml



#4 n-Dodecane (C12)

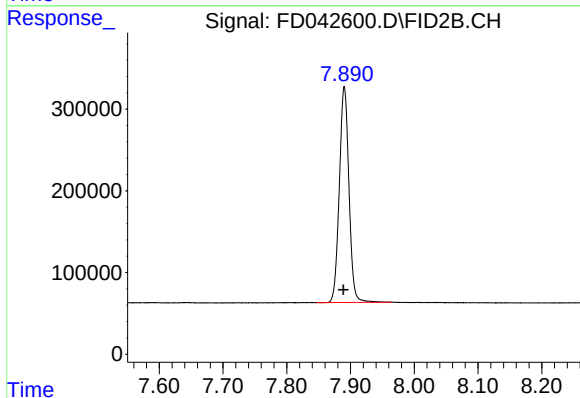
R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 2775351  
Conc: 17.66 ug/ml



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

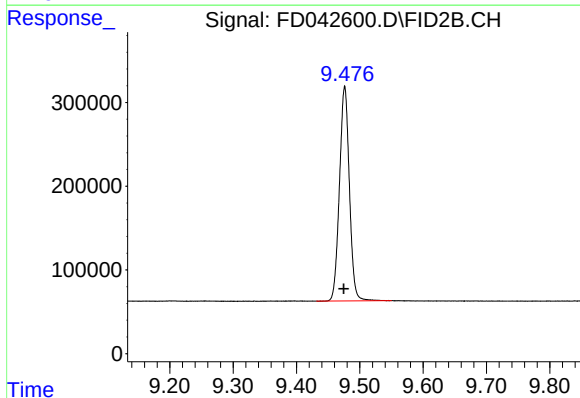
R.T.: 6.718 min  
Delta R.T.: -0.010 min  
Response: 2749573  
Conc: 17.87 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



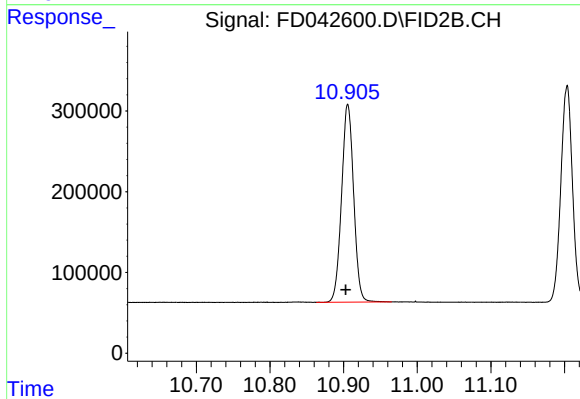
#6 n-Tetradecane (C14)

R.T.: 7.890 min  
Delta R.T.: 0.001 min  
Response: 2770701  
Conc: 17.58 ug/ml



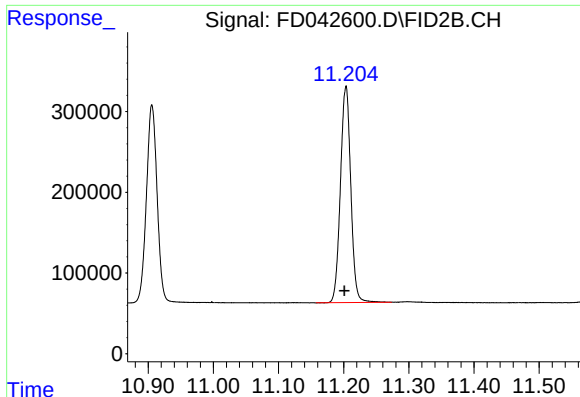
#7 n-Hexadecane (C16)

R.T.: 9.476 min  
Delta R.T.: 0.002 min  
Response: 2789443  
Conc: 17.66 ug/ml



#8 n-Octadecane (C18)

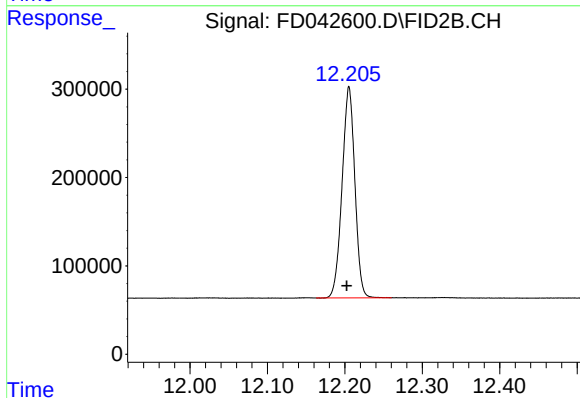
R.T.: 10.906 min  
Delta R.T.: 0.003 min  
Response: 2789510  
Conc: 17.69 ug/ml



#9 ortho-Terphenyl (SURR)

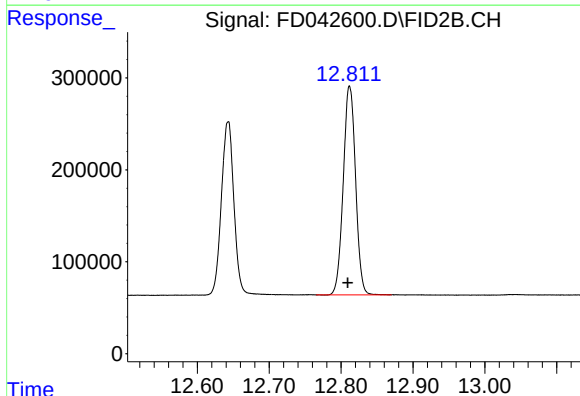
R.T.: 11.204 min  
Delta R.T.: 0.003 min  
Response: 2961621  
Conc: 17.67 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



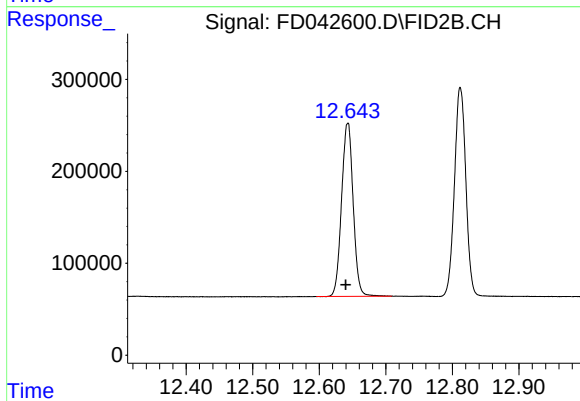
#10 n-Eicosane (C20)

R.T.: 12.205 min  
Delta R.T.: 0.003 min  
Response: 2739589  
Conc: 17.79 ug/ml



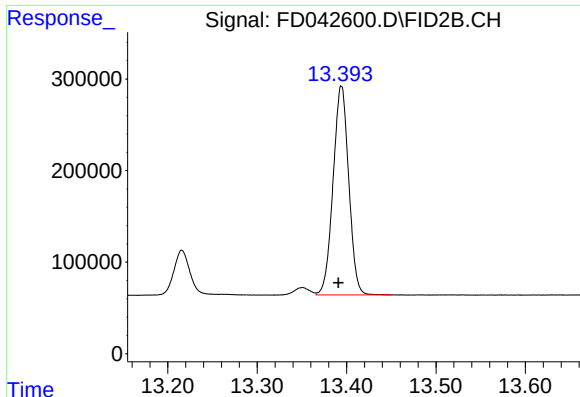
#11 n-Heneicosane (C21)

R.T.: 12.812 min  
Delta R.T.: 0.002 min  
Response: 2697542  
Conc: 17.64 ug/ml



#12 1-chlorooctadecane (SURR)

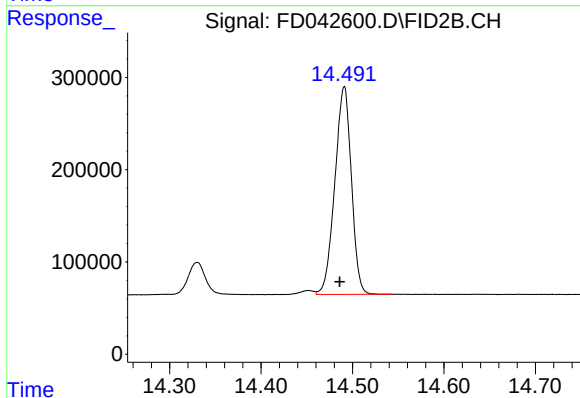
R.T.: 12.643 min  
Delta R.T.: 0.003 min  
Response: 2287064  
Conc: 17.74 ug/ml



#13 n-Docosane (C22)

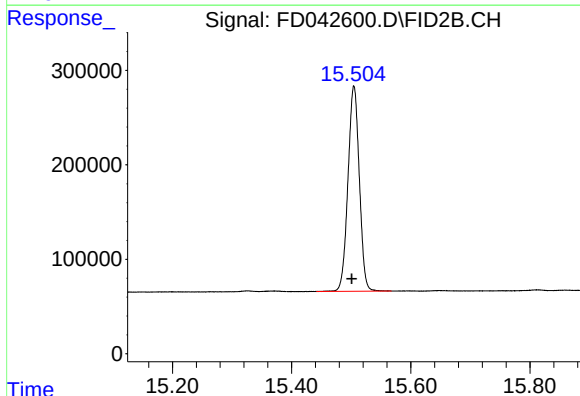
R.T.: 13.394 min  
Delta R.T.: 0.003 min  
Response: 2775515  
Conc: 18.54 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



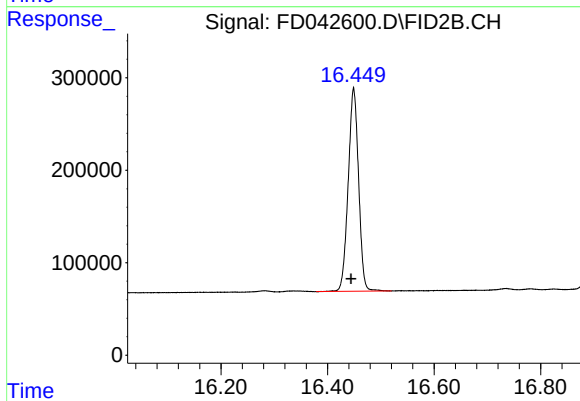
#14 n-Tetracosane (C24)

R.T.: 14.491 min  
Delta R.T.: 0.005 min  
Response: 2831641  
Conc: 19.63 ug/ml



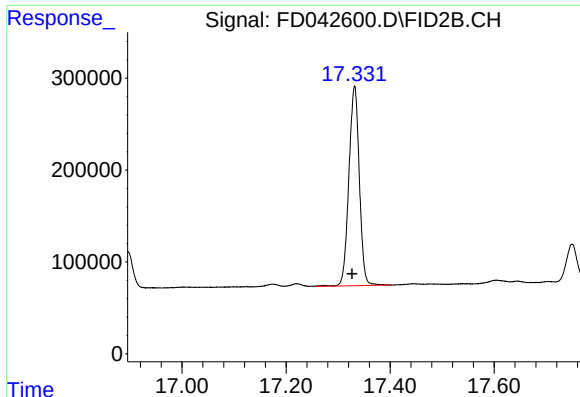
#15 n-Hexacosane (C26)

R.T.: 15.505 min  
Delta R.T.: 0.004 min  
Response: 2874322  
Conc: 20.52 ug/ml



#16 n-Octacosane (C28)

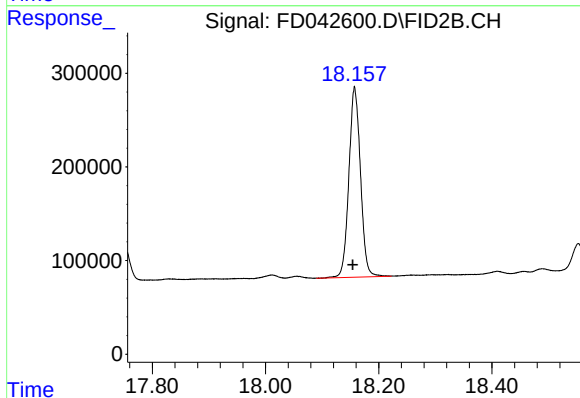
R.T.: 16.449 min  
Delta R.T.: 0.005 min  
Response: 2977435  
Conc: 21.84 ug/ml



#17 n-Tricontane (C30)

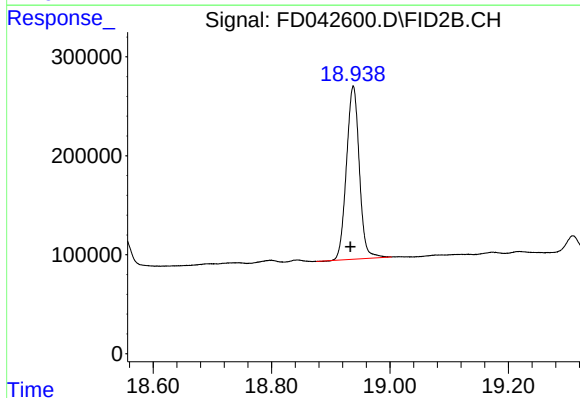
R.T.: 17.332 min  
Delta R.T.: 0.005 min  
Response: 3034350  
Conc: 22.79 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



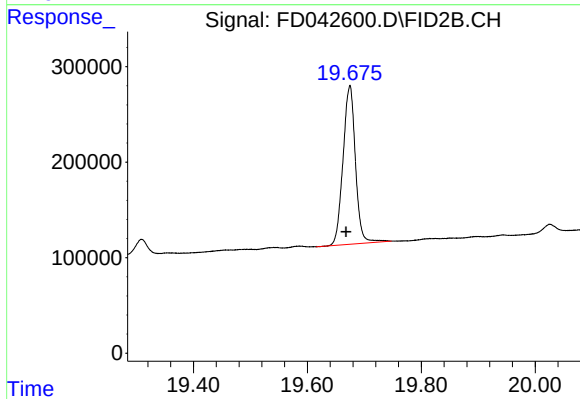
#18 n-Dotriacontane (C32)

R.T.: 18.157 min  
Delta R.T.: 0.003 min  
Response: 2886590  
Conc: 22.69 ug/ml



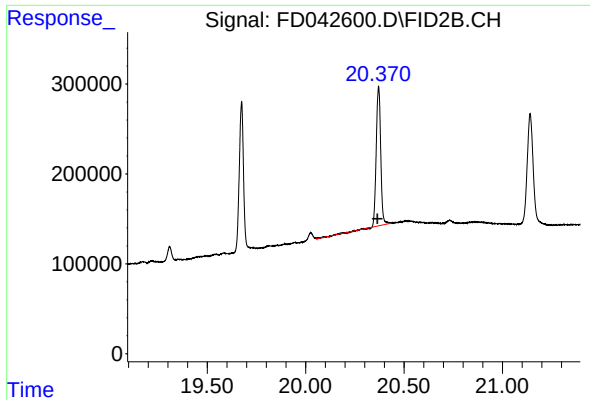
#19 n-Tetratriacontane (C34)

R.T.: 18.938 min  
Delta R.T.: 0.005 min  
Response: 2636624  
Conc: 21.85 ug/ml



#20 n-Hexatriacontane (C36)

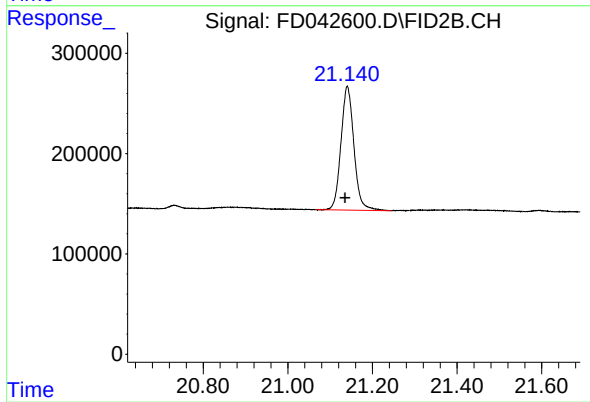
R.T.: 19.675 min  
Delta R.T.: 0.007 min  
Response: 2512491  
Conc: 22.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.371 min  
Delta R.T.: 0.006 min  
Response: 2459185  
Conc: 22.77 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.141 min  
Delta R.T.: 0.005 min  
Response: 2622700  
Conc: 24.59 ug/ml