

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040720AL\  
 Data File : FD032856.D  
 Signal(s) : FID2B.CH  
 Acq On : 07 Apr 2020 10:53  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC STD3  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM ALIPHATIC STD3

Integration File: sample.E  
 Quant Time: Apr 07 14:03:57 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 040720.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 07 13:59:10 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)    | 11.502 | 2976971    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| 12) S 1-chlorooctadecane (S... | 12.933 | 2328611    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.313  | 2640947    | 20.000 ug/ml |
| 2) T n-Decane (C10)            | 4.372  | 2645503    | 20.000 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.946  | 2929634    | 20.000 ug/ml |
| 4) T n-Dodecane (C12)          | 6.377  | 2678368    | 20.000 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.996  | 2954592    | 20.000 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.162  | 2701752    | 20.000 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.754  | 2718132    | 20.000 ug/ml |
| 8) T n-Octadecane (C18)        | 11.188 | 2739507    | 20.000 ug/ml |
| 10) T n-Eicosane (C20)         | 12.491 | 2744532    | 20.000 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.100 | 2768453    | 20.000 ug/ml |
| 13) T n-Docosane (C22)         | 13.683 | 2743687    | 20.000 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.780 | 2719065    | 20.000 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.796 | 2632408    | 20.000 ug/ml |
| 16) T n-Octacosane (C28)       | 16.740 | 2495821    | 20.000 ug/ml |
| 17) T n-Tricontane (C30)       | 17.623 | 2242511    | 20.000 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.451 | 1652533    | 20.000 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.230 | 1192410    | 20.000 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.965 | 979274     | 20.000 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.678 | 954283     | 20.000 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.536 | 1005841    | 20.000 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

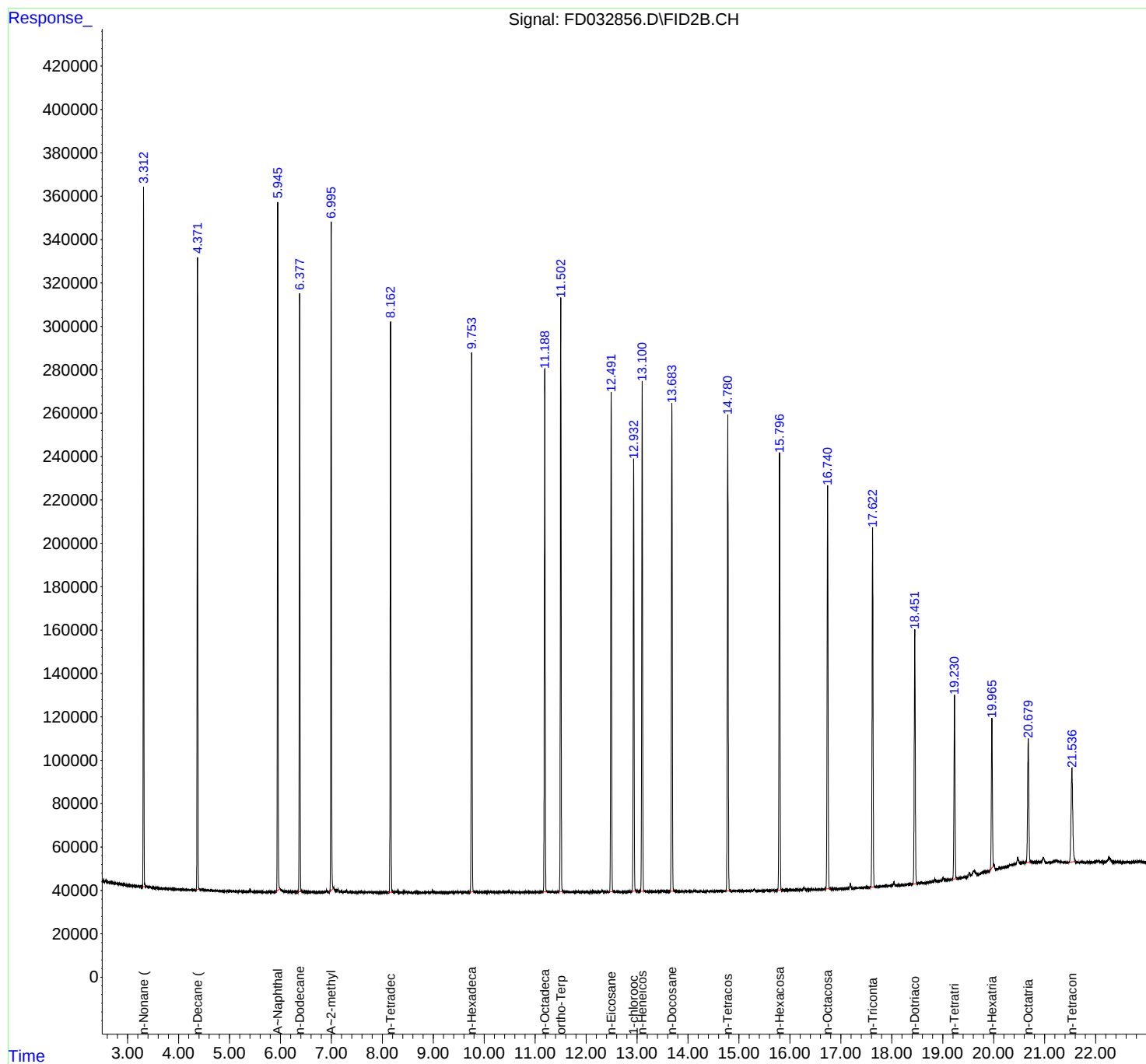
(m)=manual int.

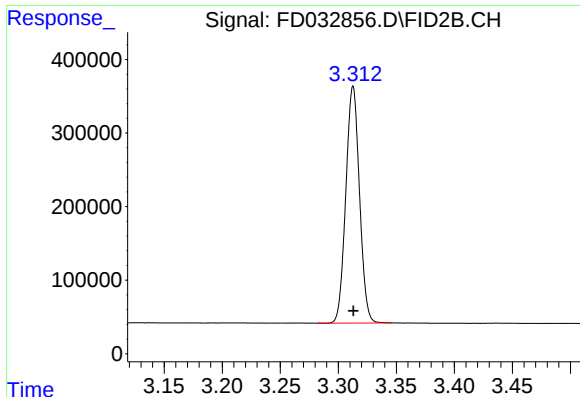
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040720AL\  
Data File : FD032856.D  
Signal(s) : FID2B.CH  
Acq On : 07 Apr 2020 10:53  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC STD3  
Misc :  
ALS Vial : 55 Sample Multiplier: 1

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC STD3

Integration File: sample.E  
Quant Time: Apr 07 14:03:57 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 040720.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 07 13:59:10 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

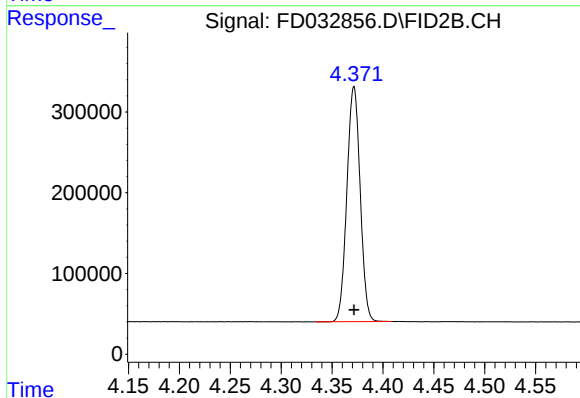




#1 n-Nonane (C9)

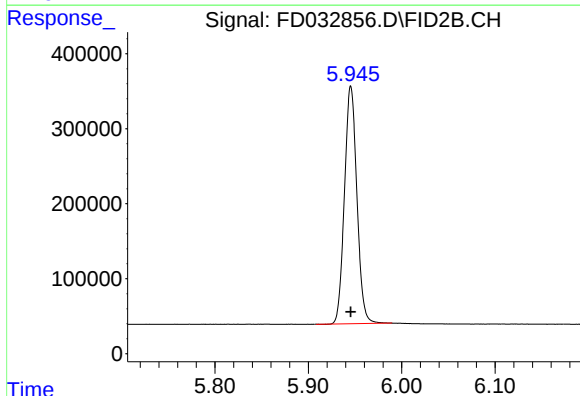
R.T.: 3.313 min  
Delta R.T.: 0.000 min  
Response: 2640947  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC STD3



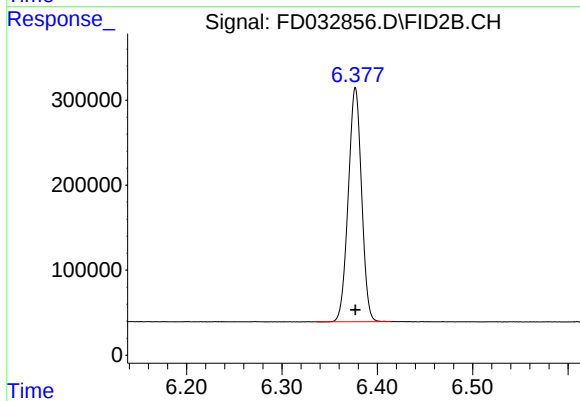
#2 n-Decane (C10)

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 2645503  
Conc: 20.00 ug/ml



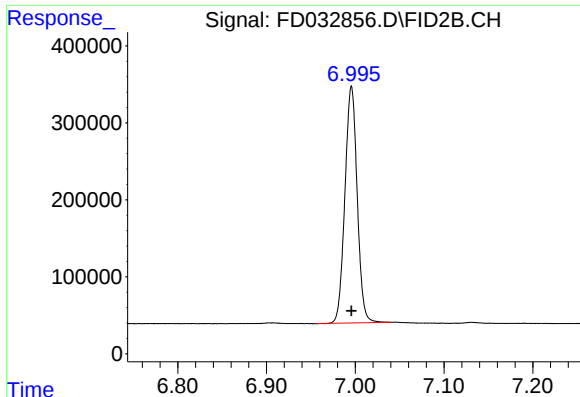
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 2929634  
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

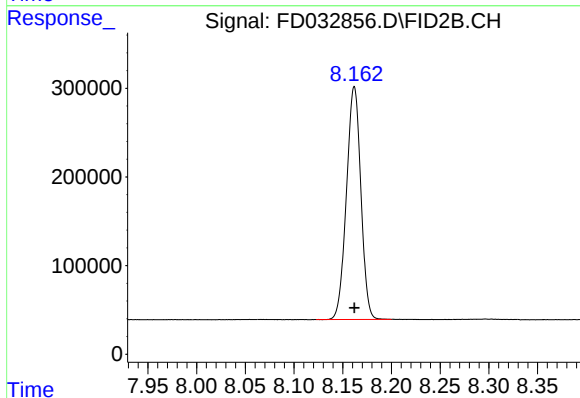
R.T.: 6.377 min  
Delta R.T.: 0.000 min  
Response: 2678368  
Conc: 20.00 ug/ml



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

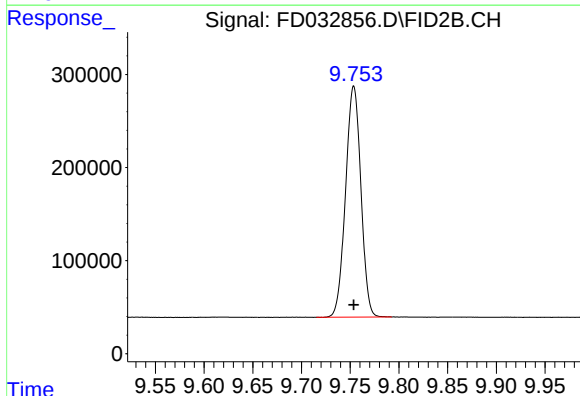
R.T.: 6.996 min  
Delta R.T.: 0.000 min  
Response: 2954592  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC STD3



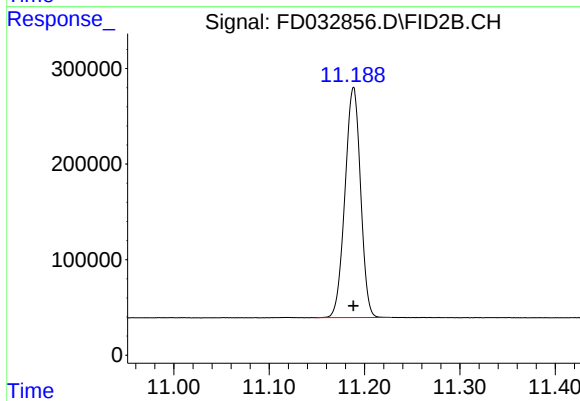
#6 n-Tetradecane (C14)

R.T.: 8.162 min  
Delta R.T.: 0.000 min  
Response: 2701752  
Conc: 20.00 ug/ml



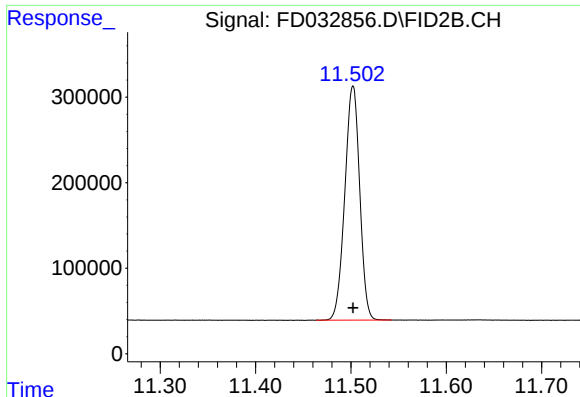
#7 n-Hexadecane (C16)

R.T.: 9.754 min  
Delta R.T.: 0.000 min  
Response: 2718132  
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

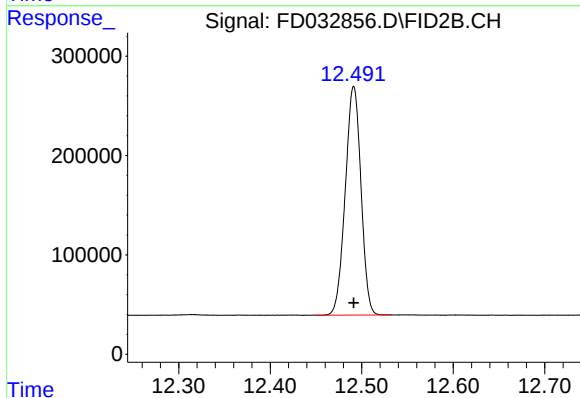
R.T.: 11.188 min  
Delta R.T.: 0.000 min  
Response: 2739507  
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

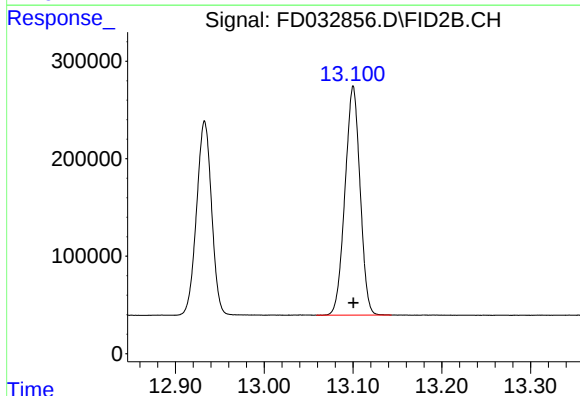
R.T.: 11.502 min  
Delta R.T.: 0.000 min  
Response: 2976971  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC STD3



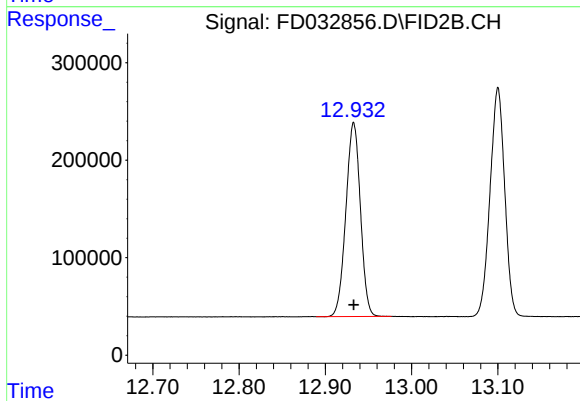
#10 n-Eicosane (C20)

R.T.: 12.491 min  
Delta R.T.: 0.000 min  
Response: 2744532  
Conc: 20.00 ug/ml



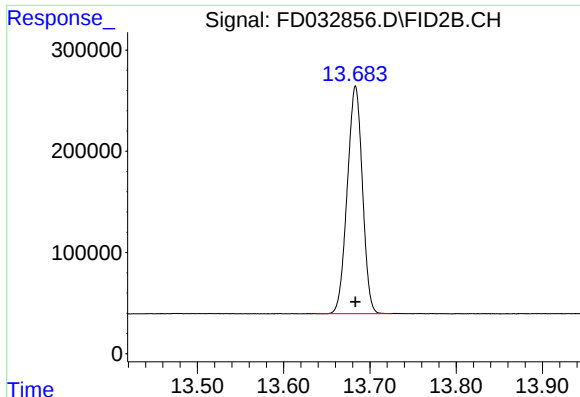
#11 n-Heneicosane (C21)

R.T.: 13.100 min  
Delta R.T.: 0.000 min  
Response: 2768453  
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

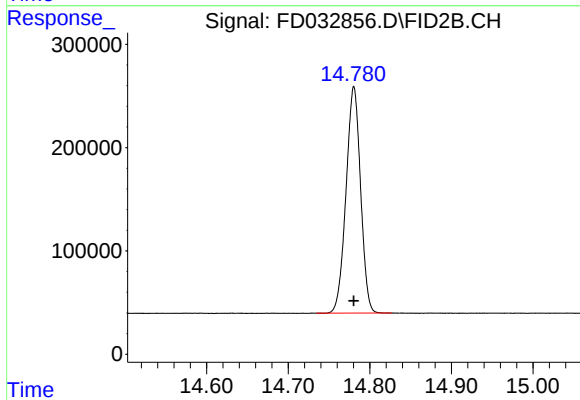
R.T.: 12.933 min  
Delta R.T.: 0.000 min  
Response: 2328611  
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

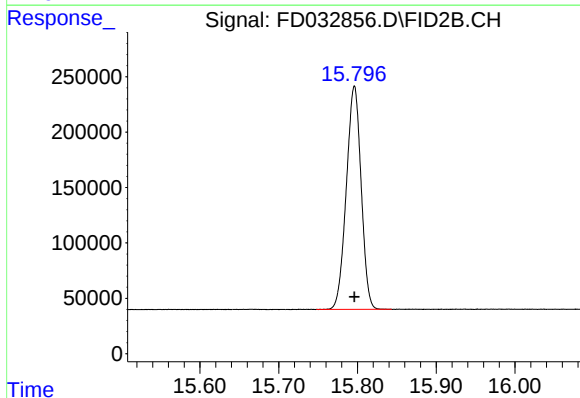
R.T.: 13.683 min  
Delta R.T.: 0.000 min  
Response: 2743687  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC STD3



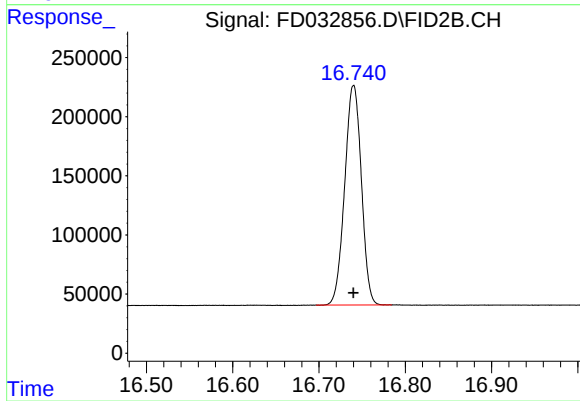
#14 n-Tetracosane (C24)

R.T.: 14.780 min  
Delta R.T.: 0.000 min  
Response: 2719065  
Conc: 20.00 ug/ml



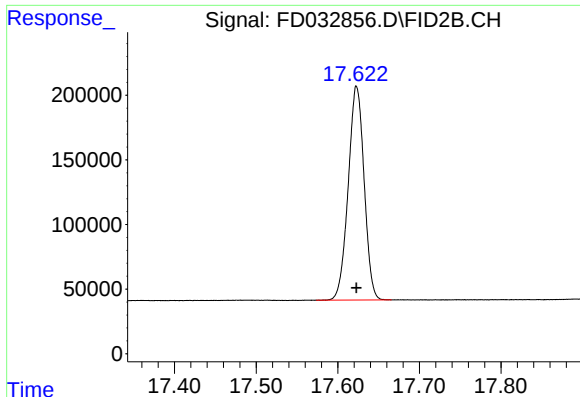
#15 n-Hexacosane (C26)

R.T.: 15.796 min  
Delta R.T.: 0.000 min  
Response: 2632408  
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

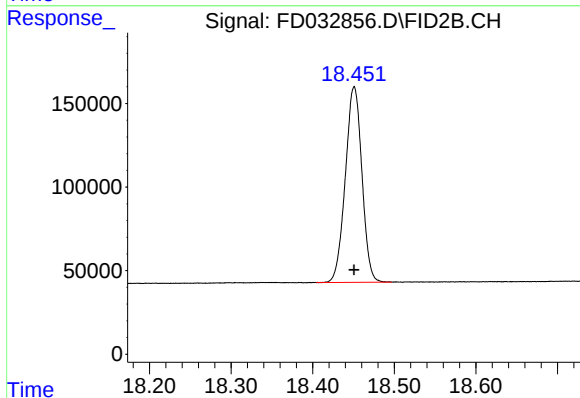
R.T.: 16.740 min  
Delta R.T.: 0.000 min  
Response: 2495821  
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

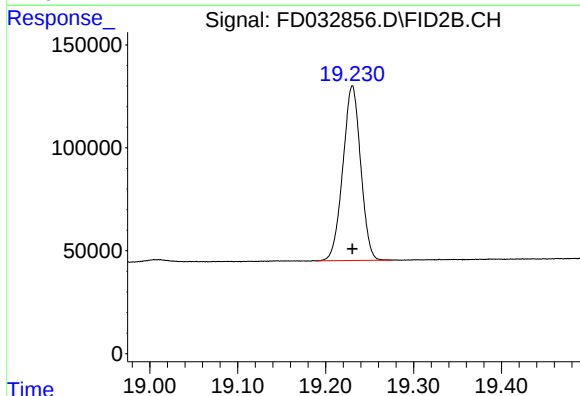
R.T.: 17.623 min  
Delta R.T.: 0.000 min  
Response: 2242511  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC STD3



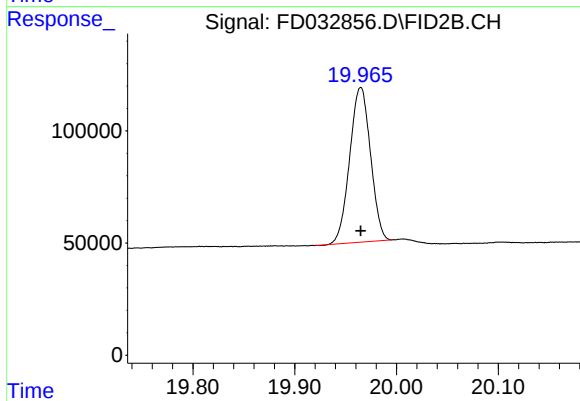
#18 n-Dotriacontane (C32)

R.T.: 18.451 min  
Delta R.T.: 0.000 min  
Response: 1652533  
Conc: 20.00 ug/ml



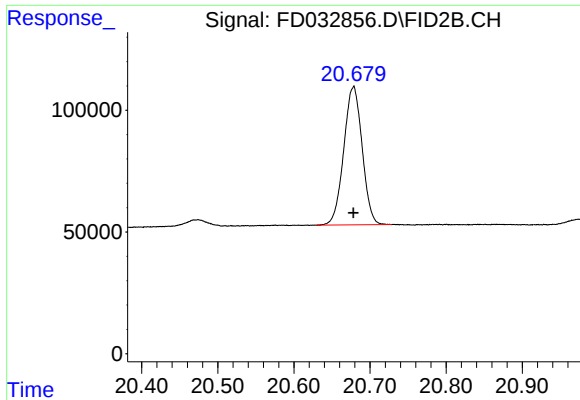
#19 n-Tetratriacontane (C34)

R.T.: 19.230 min  
Delta R.T.: 0.000 min  
Response: 1192410  
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

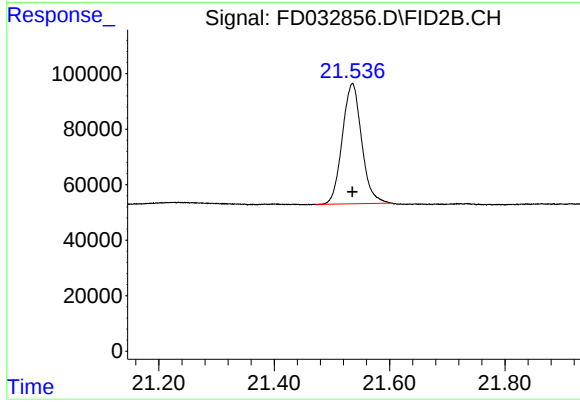
R.T.: 19.965 min  
Delta R.T.: 0.000 min  
Response: 979274  
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.678 min  
Delta R.T.: 0.000 min  
Response: 954283  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC STD3



#22 n-Tetracontane (C40)

R.T.: 21.536 min  
Delta R.T.: 0.000 min  
Response: 1005841  
Conc: 20.00 ug/ml