

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020419AL\  
 Data File : FD027564.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Feb 2019 1:45  
 Operator : AJ\SJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Feb 05 08:18:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 020419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 05 08:16:29 2019  
 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)    | 11.237 | 5817539    | 52.131 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 104.26%      |
| 12) S 1-chlorooctadecane (S... | 12.678 | 4312753    | 51.763 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 103.53%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.068  | 4067272    | 50.732 ug/ml |
| 2) T n-Decane (C10)            | 4.125  | 4125092    | 51.427 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.681  | 4704093    | 51.696 ug/ml |
| 4) T n-Dodecane (C12)          | 6.134  | 4170270    | 52.577 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.732  | 4770511    | 52.328 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.918  | 4304961    | 53.373 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.508  | 4357126    | 53.561 ug/ml |
| 8) T n-Octadecane (C18)        | 10.941 | 4374216    | 53.147 ug/ml |
| 10) T n-Eicosane (C20)         | 12.241 | 4325054    | 51.987 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.849 | 4268264    | 51.829 ug/ml |
| 13) T n-Docosane (C22)         | 13.432 | 4255897    | 51.342 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.528 | 4244555    | 50.643 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.543 | 4228616    | 50.483 ug/ml |
| 16) T n-Octacosane (C28)       | 16.486 | 4237870    | 50.179 ug/ml |
| 17) T n-Tricontane (C30)       | 17.367 | 4169267    | 50.091 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.194 | 4042145    | 49.976 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.972 | 3586526    | 50.410 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.706 | 3182210    | 50.583 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.401 | 2997316    | 50.872 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.180 | 2939819    | 51.181 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

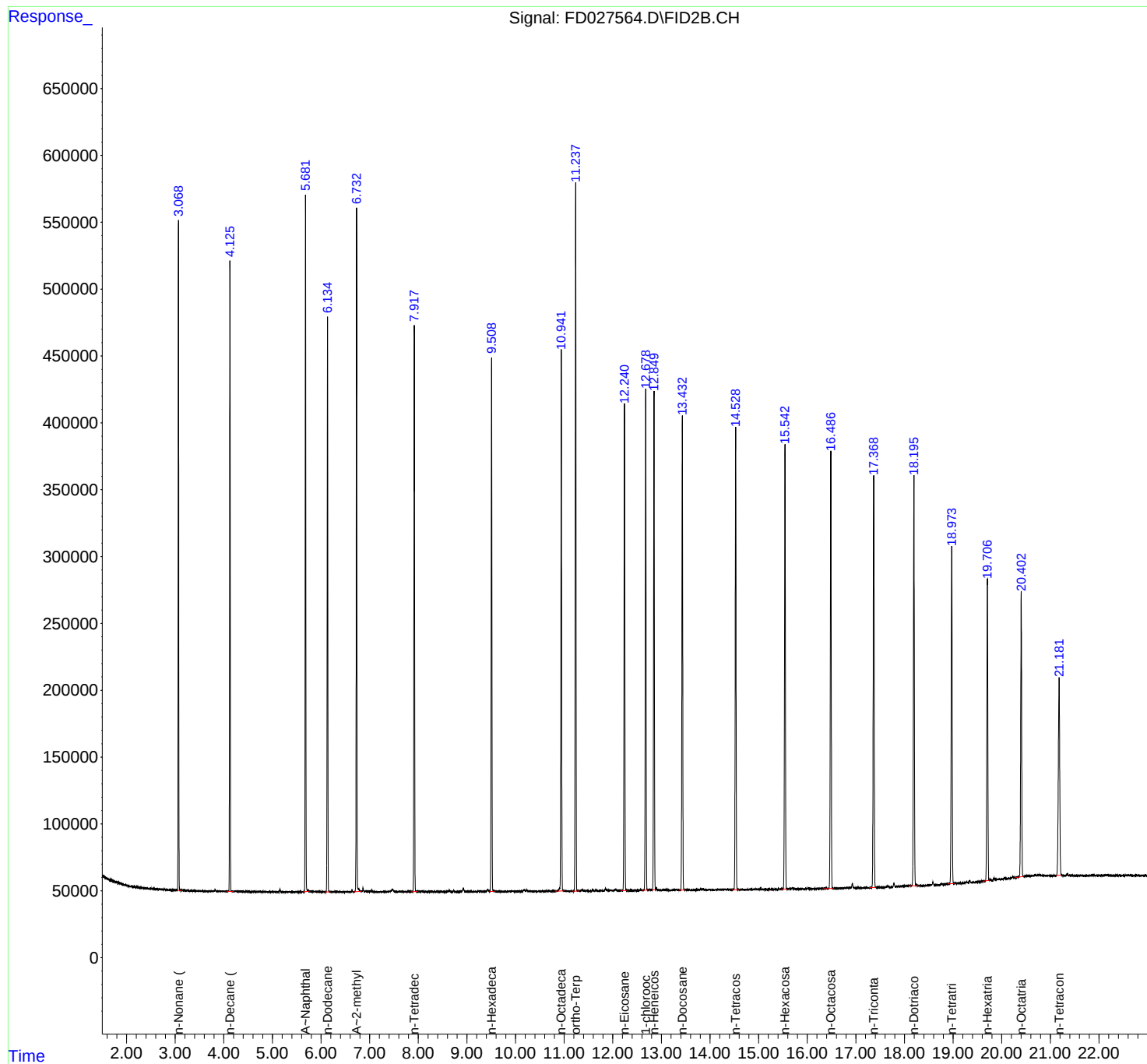
(m)=manual int.

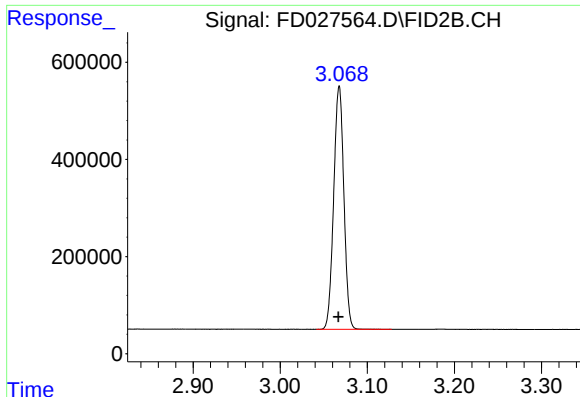
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020419AL\  
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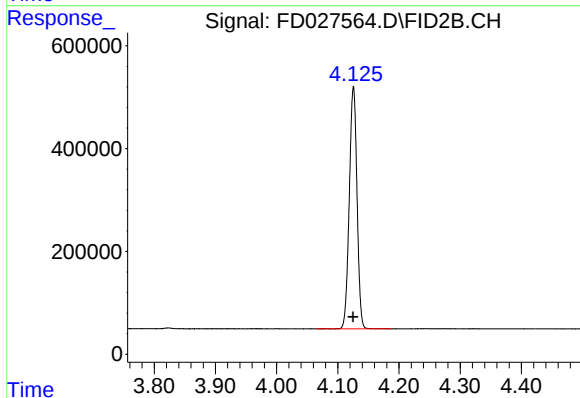




#1 n-Nonane (C9)

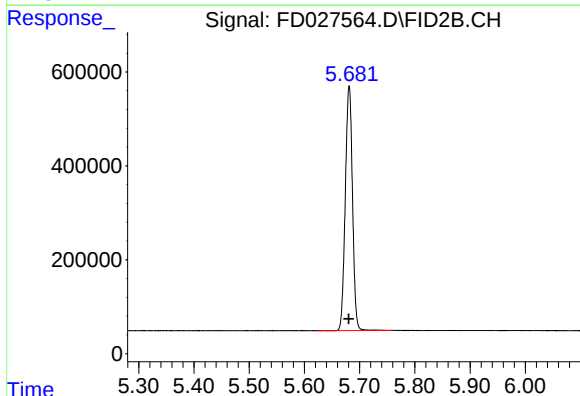
R.T.: 3.068 min  
Delta R.T.: 0.000 min  
Response: 4067272  
Conc: 50.73 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



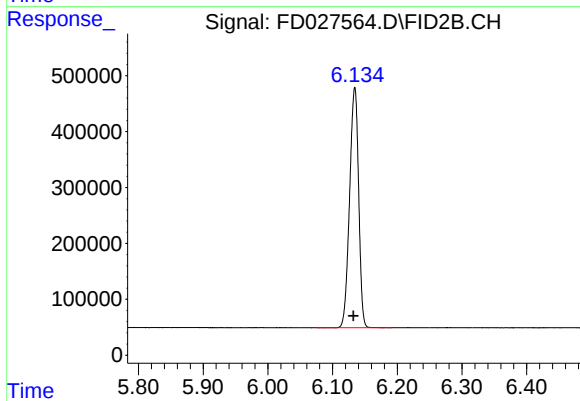
#2 n-Decane (C10)

R.T.: 4.125 min  
Delta R.T.: 0.000 min  
Response: 4125092  
Conc: 51.43 ug/ml



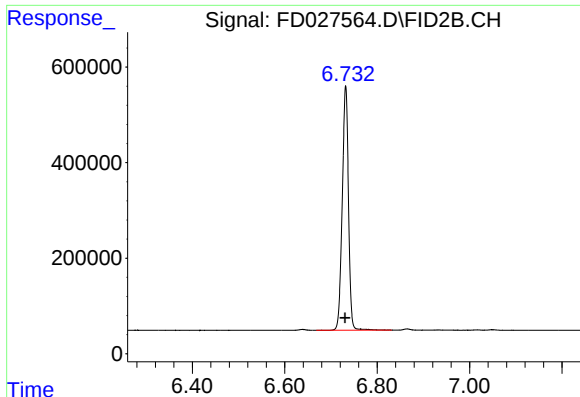
#3 A~Naphthalene (C11.7)

R.T.: 5.681 min  
Delta R.T.: 0.000 min  
Response: 4704093  
Conc: 51.70 ug/ml



#4 n-Dodecane (C12)

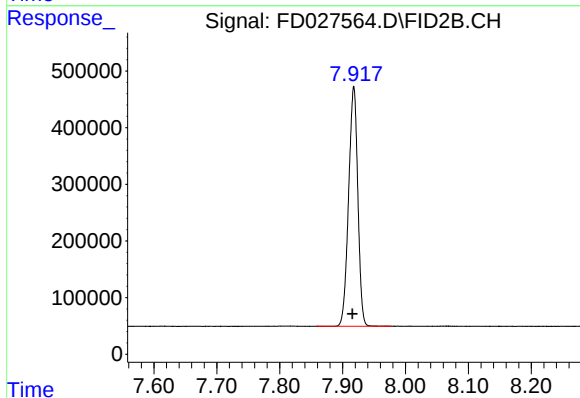
R.T.: 6.134 min  
Delta R.T.: 0.002 min  
Response: 4170270  
Conc: 52.58 ug/ml



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

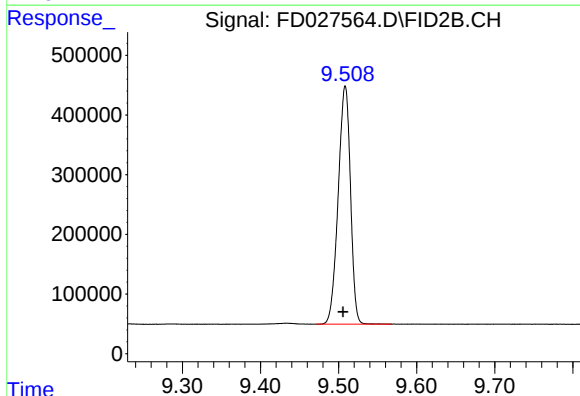
R.T.: 6.732 min  
Delta R.T.: 0.001 min  
Response: 4770511  
Conc: 52.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



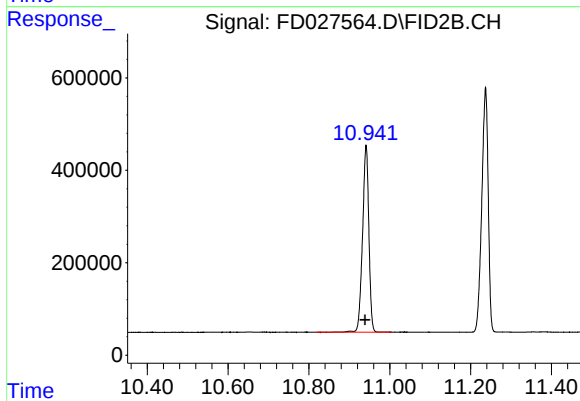
#6 n-Tetradecane (C14)

R.T.: 7.918 min  
Delta R.T.: 0.002 min  
Response: 4304961  
Conc: 53.37 ug/ml



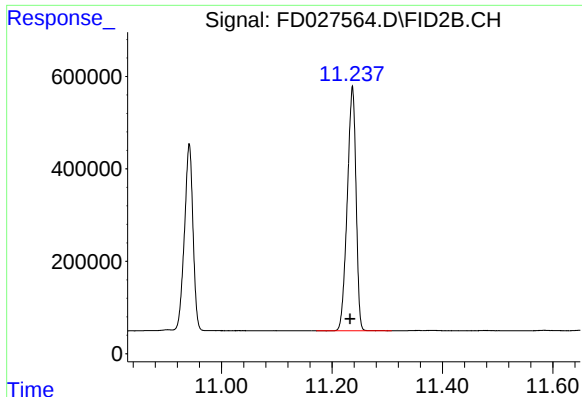
#7 n-Hexadecane (C16)

R.T.: 9.508 min  
Delta R.T.: 0.003 min  
Response: 4357126  
Conc: 53.56 ug/ml



#8 n-Octadecane (C18)

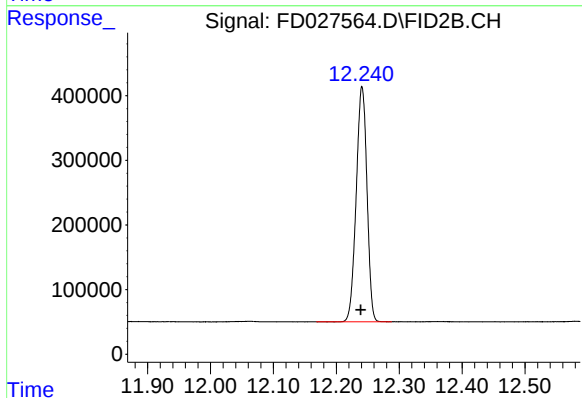
R.T.: 10.941 min  
Delta R.T.: 0.003 min  
Response: 4374216  
Conc: 53.15 ug/ml



#9 ortho-Terphenyl (SURR)

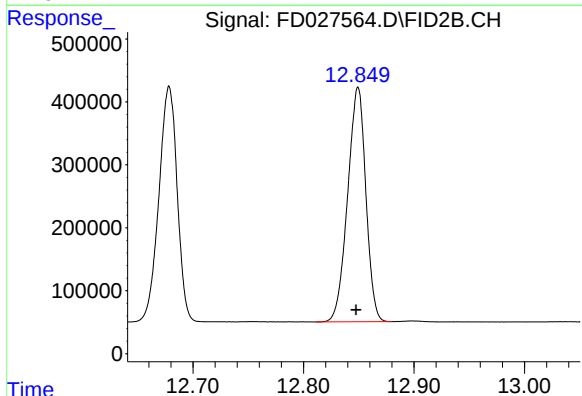
R.T.: 11.237 min  
Delta R.T.: 0.004 min  
Response: 5817539  
Conc: 52.13 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



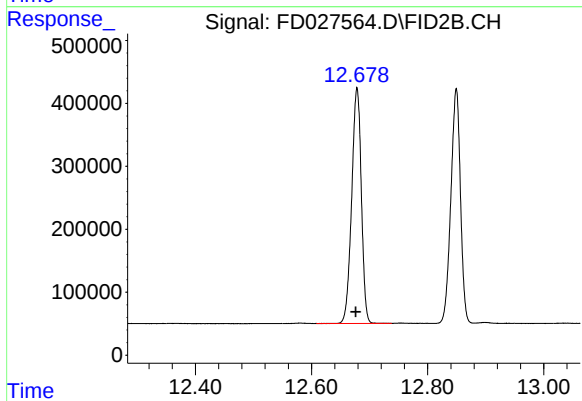
#10 n-Eicosane (C20)

R.T.: 12.241 min  
Delta R.T.: 0.002 min  
Response: 4325054  
Conc: 51.99 ug/ml



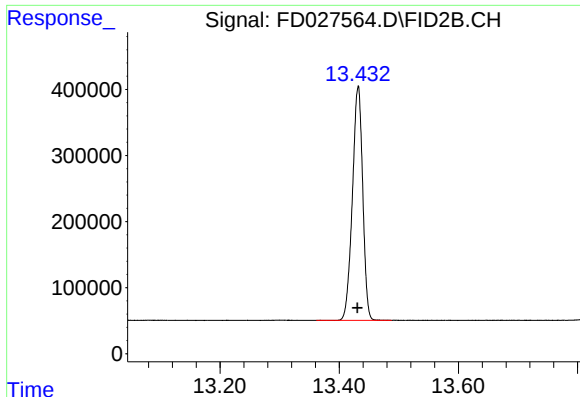
#11 n-Heneicosane (C21)

R.T.: 12.849 min  
Delta R.T.: 0.002 min  
Response: 4268264  
Conc: 51.83 ug/ml



#12 1-chlorooctadecane (SURR)

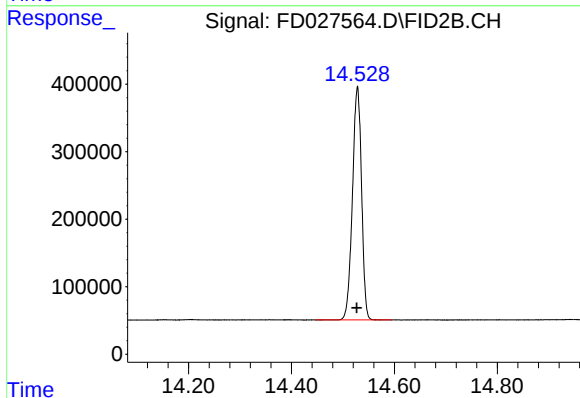
R.T.: 12.678 min  
Delta R.T.: 0.002 min  
Response: 4312753  
Conc: 51.76 ug/ml



#13 n-Docosane (C22)

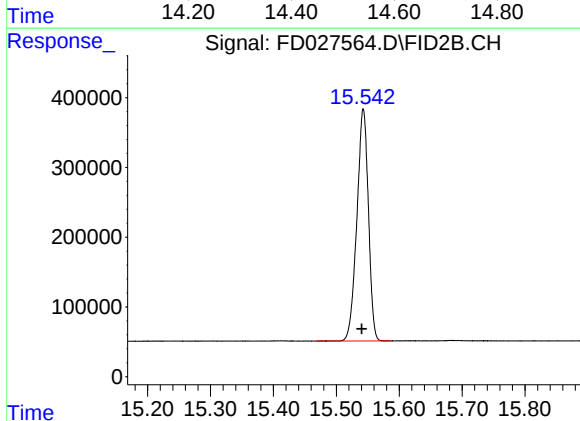
R.T.: 13.432 min  
Delta R.T.: 0.001 min  
Response: 4255897  
Conc: 51.34 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



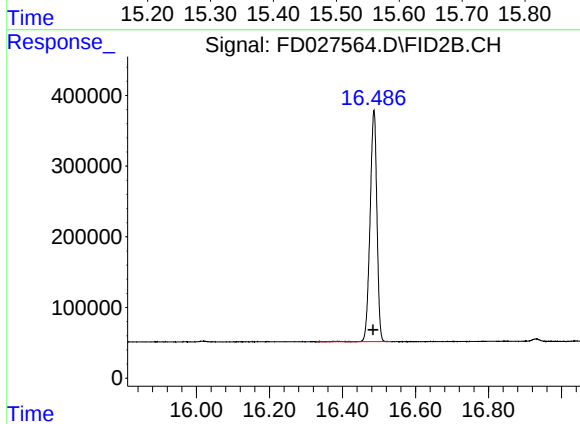
#14 n-Tetracosane (C24)

R.T.: 14.528 min  
Delta R.T.: 0.002 min  
Response: 4244555  
Conc: 50.64 ug/ml



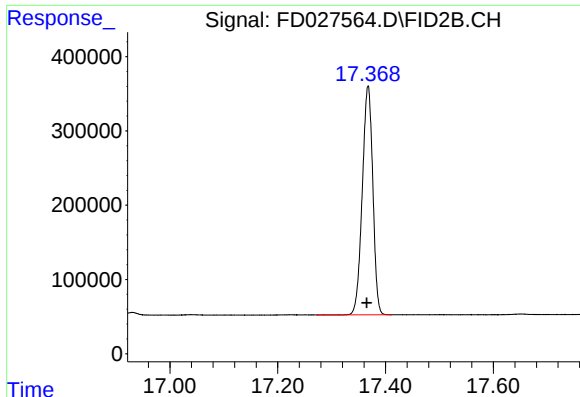
#15 n-Hexacosane (C26)

R.T.: 15.543 min  
Delta R.T.: 0.002 min  
Response: 4228616  
Conc: 50.48 ug/ml



#16 n-Octacosane (C28)

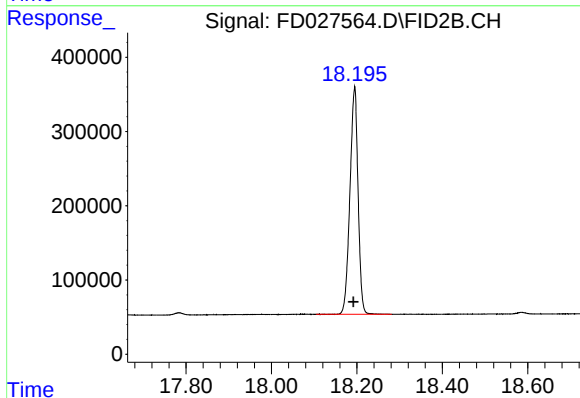
R.T.: 16.486 min  
Delta R.T.: 0.002 min  
Response: 4237870  
Conc: 50.18 ug/ml



#17 n-Tricontane (C30)

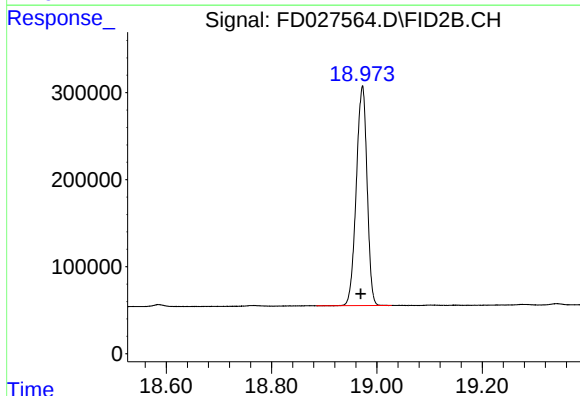
R.T.: 17.367 min  
Delta R.T.: 0.003 min  
Response: 4169267  
Conc: 50.09 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



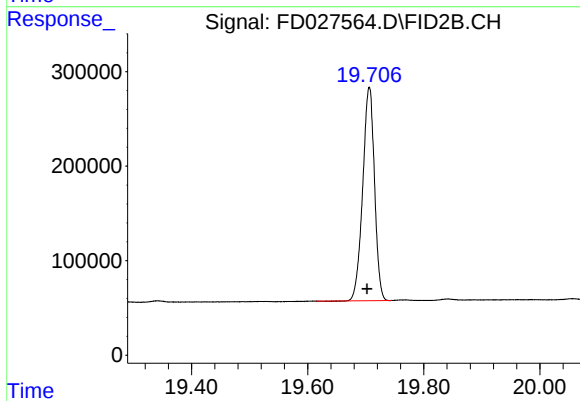
#18 n-Dotriacontane (C32)

R.T.: 18.194 min  
Delta R.T.: 0.002 min  
Response: 4042145  
Conc: 49.98 ug/ml



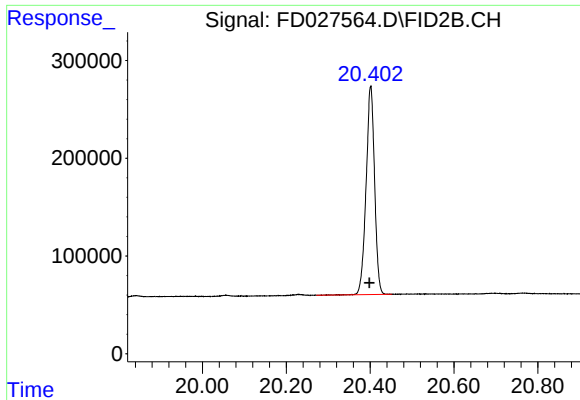
#19 n-Tetratriacontane (C34)

R.T.: 18.972 min  
Delta R.T.: 0.003 min  
Response: 3586526  
Conc: 50.41 ug/ml



#20 n-Hexatriacontane (C36)

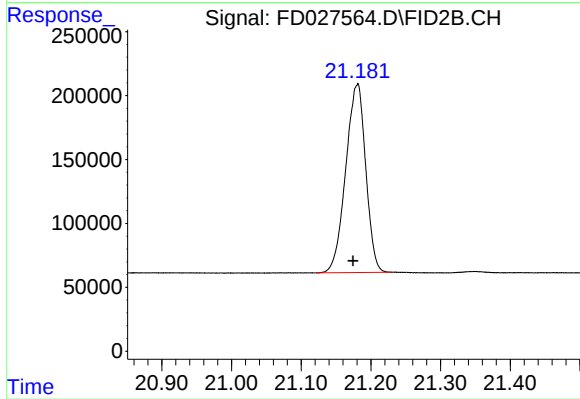
R.T.: 19.706 min  
Delta R.T.: 0.003 min  
Response: 3182210  
Conc: 50.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.401 min  
Delta R.T.: 0.003 min  
Response: 2997316  
Conc: 50.87 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.180 min  
Delta R.T.: 0.006 min  
Response: 2939819  
Conc: 51.18 ug/ml