

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062718AL\  
 Data File : FE027947.D  
 Signal(s) : FID1B.CH  
 Acq On : 27 Jun 2018 10:32  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 27 16:54:03 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Alaphatic EPH 062618.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 27 09:03:43 2018  
 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)    | 11.967 | 6455137    | 22.341 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.68%       |
| 12) S 1-chlorooctadecane (S... | 13.394 | 5785626    | 20.285 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.57%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.657  | 3639017    | 21.797 ug/ml |
| 2) T n-Decane (C10)            | 4.725  | 3761292    | 21.932 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.337  | 4359880    | 22.447 ug/ml |
| 4) T n-Dodecane (C12)          | 6.752  | 4127260    | 22.239 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.400  | 4642826    | 22.772 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.560  | 4829640    | 22.638 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.173 | 5672152    | 22.502 ug/ml |
| 8) T n-Octadecane (C18)        | 11.627 | 6277911    | 20.710 ug/ml |
| 10) T n-Eicosane (C20)         | 12.943 | 6835565    | 20.550 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.559 | 6908081    | 20.084 ug/ml |
| 13) T n-Docosane (C22)         | 14.148 | 6993777    | 19.685 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.256 | 6905195    | 19.067 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.281 | 6707980    | 18.684 ug/ml |
| 16) T n-Octacosane (C28)       | 17.235 | 6504546    | 18.451 ug/ml |
| 17) T n-Tricontane (C30)       | 18.126 | 6018011    | 18.348 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.962 | 5543120    | 18.111 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.746 | 5113893    | 18.330 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.490 | 4865073    | 19.012 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.319 | 4740479    | 18.473 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.372 | 4727900    | 18.320 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

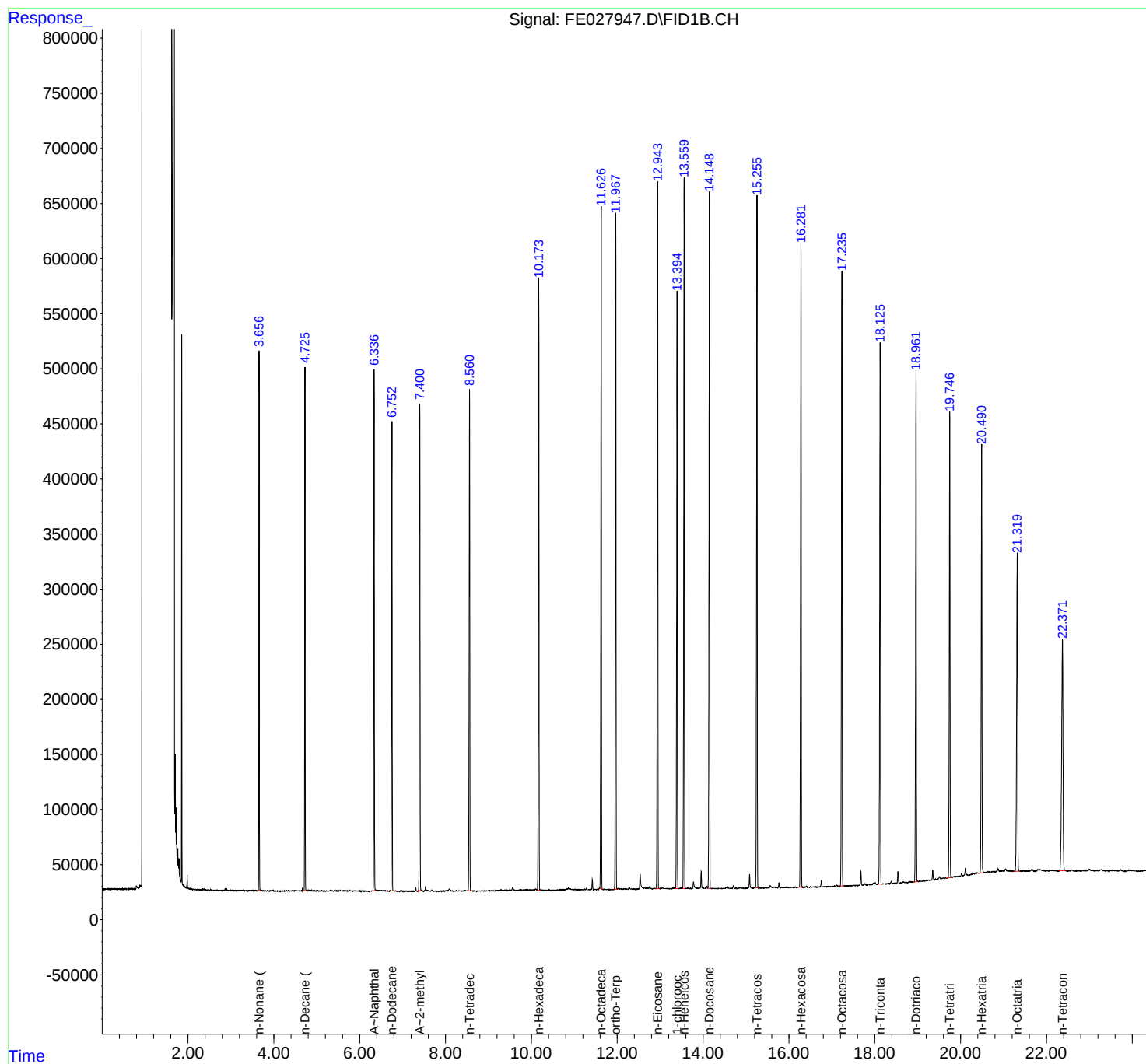
(m)=manual int.

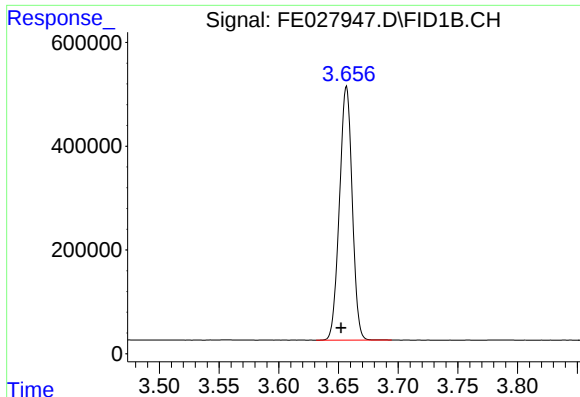
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062718AL\  
Data File : FE027947.D  
Signal(s) : FID1B.CH  
Acq On : 27 Jun 2018 10:32  
Operator : UA/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampled :

Integration File: autoint1.e  
Quant Time: Jun 27 16:54:03 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Alaphatic EPH 062618.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 27 09:03:43 2018  
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

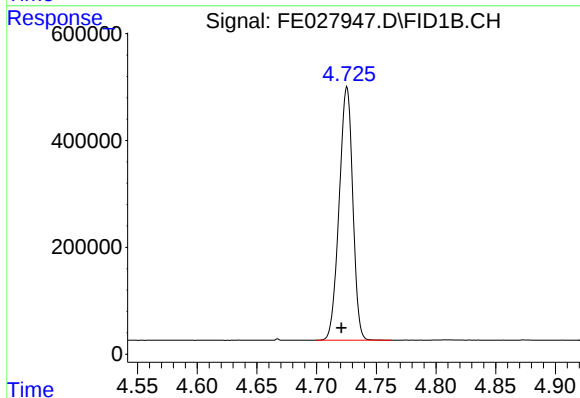




#1 n-Nonane (C9)

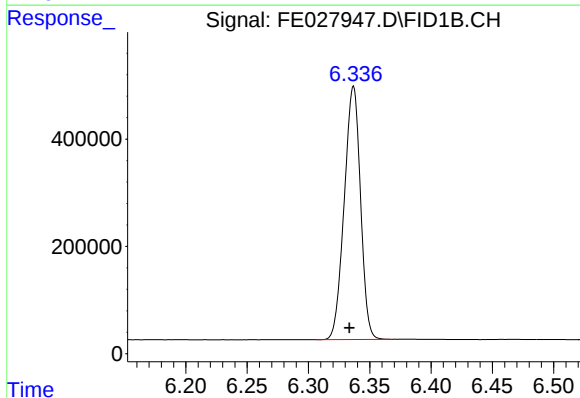
R.T.: 3.657 min  
Delta R.T.: 0.005 min  
Response: 3639017  
Conc: 21.80 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



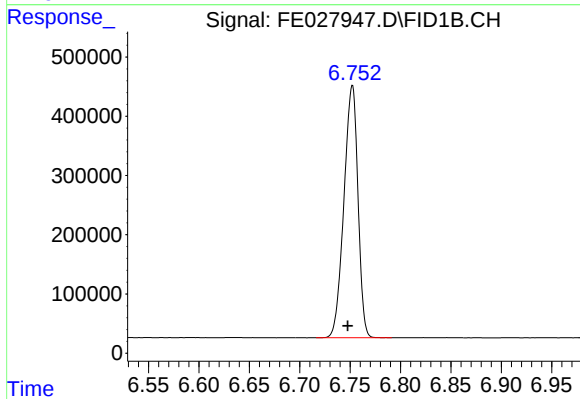
#2 n-Decane (C10)

R.T.: 4.725 min  
Delta R.T.: 0.005 min  
Response: 3761292  
Conc: 21.93 ug/ml



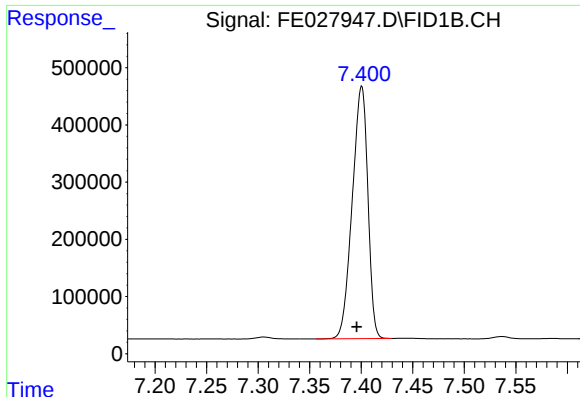
#3 A~Naphthalene (C11.7)

R.T.: 6.337 min  
Delta R.T.: 0.003 min  
Response: 4359880  
Conc: 22.45 ug/ml



#4 n-Dodecane (C12)

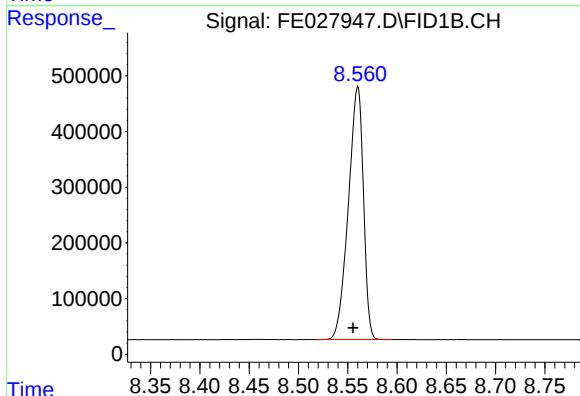
R.T.: 6.752 min  
Delta R.T.: 0.004 min  
Response: 4127260  
Conc: 22.24 ug/ml



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

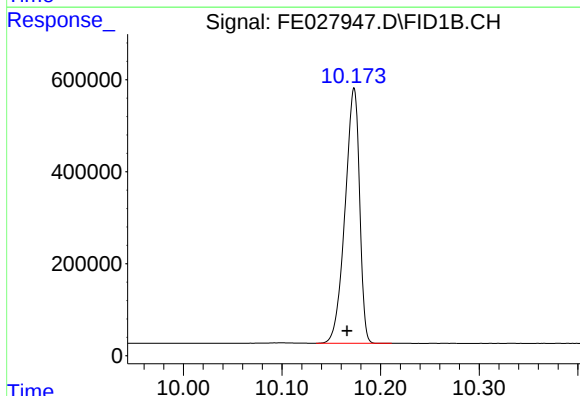
R.T.: 7.400 min  
Delta R.T.: 0.005 min  
Response: 4642826  
Conc: 22.77 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



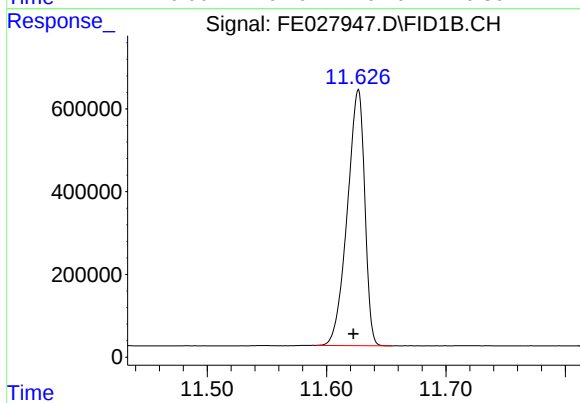
#6 n-Tetradecane (C14)

R.T.: 8.560 min  
Delta R.T.: 0.005 min  
Response: 4829640  
Conc: 22.64 ug/ml



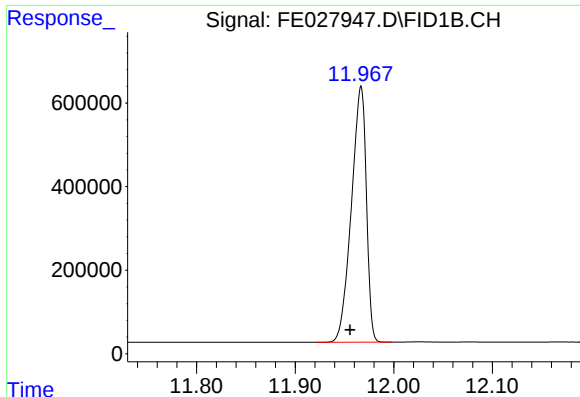
#7 n-Hexadecane (C16)

R.T.: 10.173 min  
Delta R.T.: 0.007 min  
Response: 5672152  
Conc: 22.50 ug/ml



#8 n-Octadecane (C18)

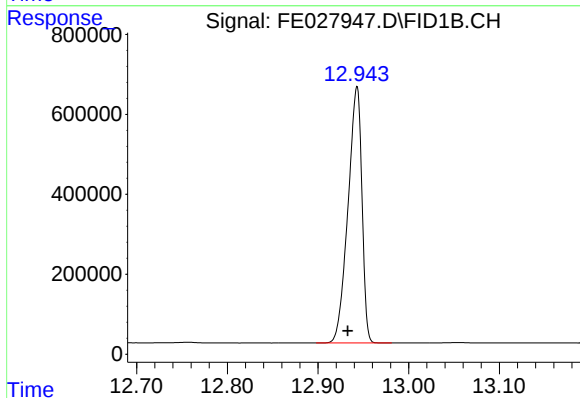
R.T.: 11.627 min  
Delta R.T.: 0.004 min  
Response: 6277911  
Conc: 20.71 ug/ml



#9 ortho-Terphenyl (SURR)

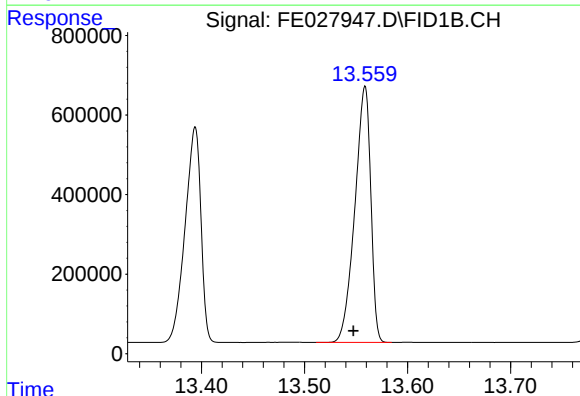
R.T.: 11.967 min  
Delta R.T.: 0.011 min  
Response: 6455137  
Conc: 22.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



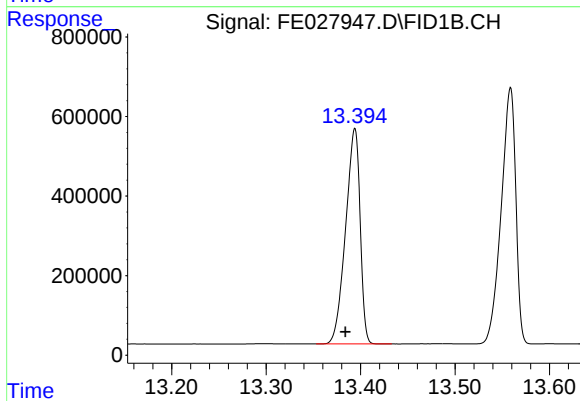
#10 n-Eicosane (C20)

R.T.: 12.943 min  
Delta R.T.: 0.010 min  
Response: 6835565  
Conc: 20.55 ug/ml



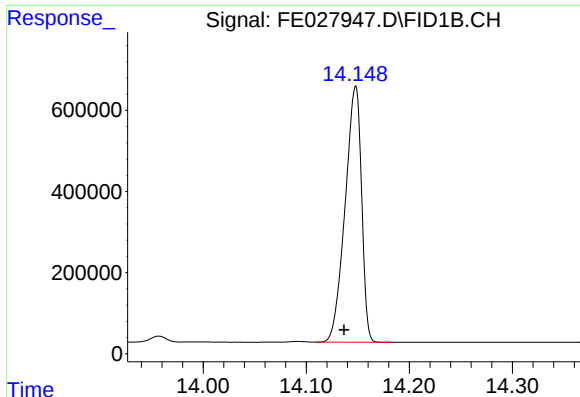
#11 n-Heneicosane (C21)

R.T.: 13.559 min  
Delta R.T.: 0.011 min  
Response: 6908081  
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

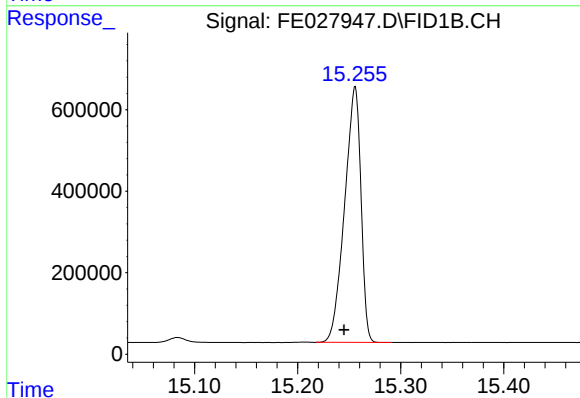
R.T.: 13.394 min  
Delta R.T.: 0.010 min  
Response: 5785626  
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

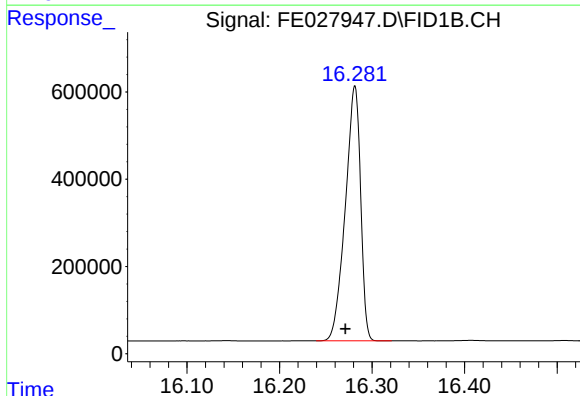
R.T.: 14.148 min  
Delta R.T.: 0.011 min  
Response: 6993777  
Conc: 19.68 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



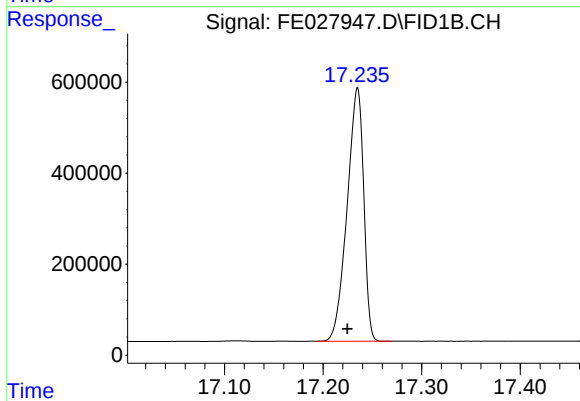
#14 n-Tetracosane (C24)

R.T.: 15.256 min  
Delta R.T.: 0.011 min  
Response: 6905195  
Conc: 19.07 ug/ml



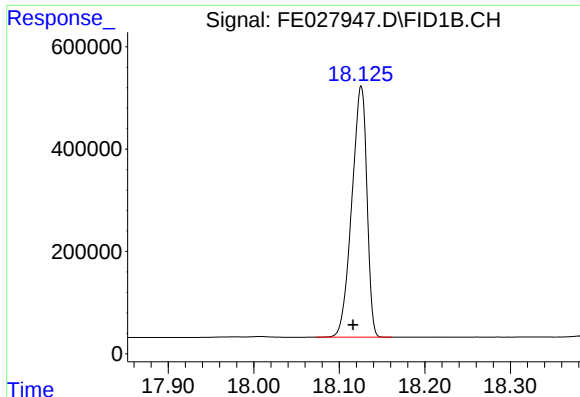
#15 n-Hexacosane (C26)

R.T.: 16.281 min  
Delta R.T.: 0.010 min  
Response: 6707980  
Conc: 18.68 ug/ml



#16 n-Octacosane (C28)

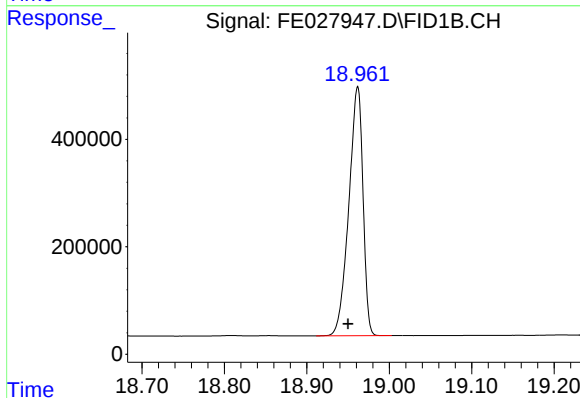
R.T.: 17.235 min  
Delta R.T.: 0.010 min  
Response: 6504546  
Conc: 18.45 ug/ml



#17 n-Tricontane (C30)

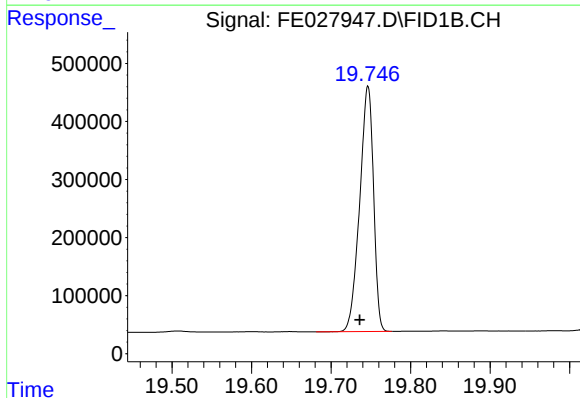
R.T.: 18.126 min  
Delta R.T.: 0.010 min  
Response: 6018011  
Conc: 18.35 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



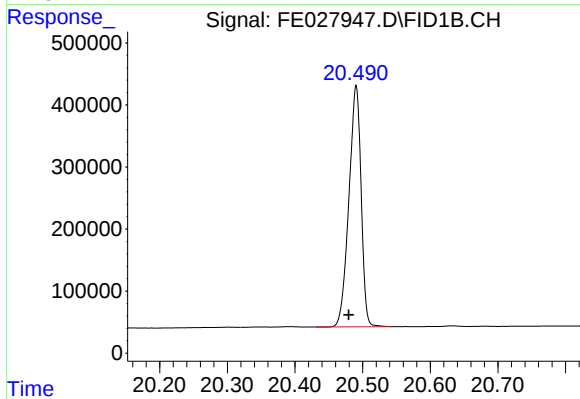
#18 n-Dotriacontane (C32)

R.T.: 18.962 min  
Delta R.T.: 0.012 min  
Response: 5543120  
Conc: 18.11 ug/ml



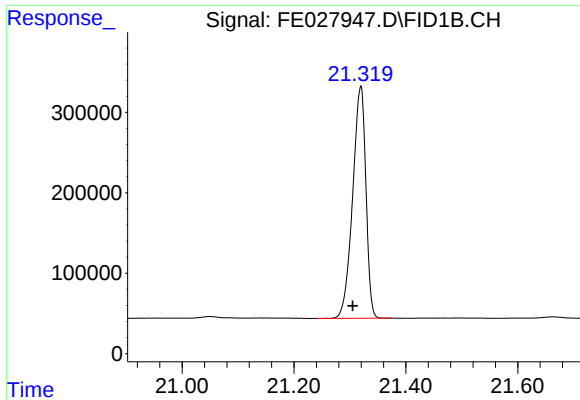
#19 n-Tetratriacontane (C34)

R.T.: 19.746 min  
Delta R.T.: 0.010 min  
Response: 5113893  
Conc: 18.33 ug/ml



#20 n-Hexatriacontane (C36)

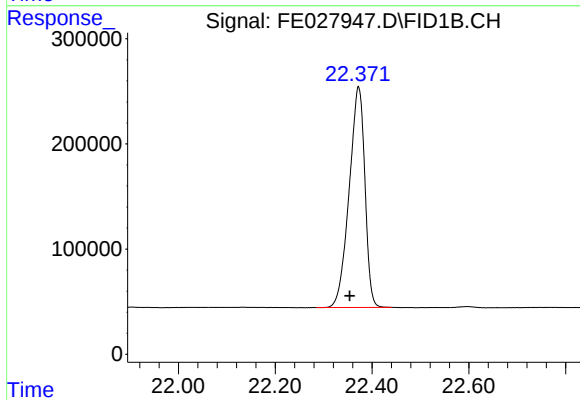
R.T.: 20.490 min  
Delta R.T.: 0.011 min  
Response: 4865073  
Conc: 19.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.319 min  
Delta R.T.: 0.014 min  
Response: 4740479  
Conc: 18.47 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.372 min  
Delta R.T.: 0.018 min  
Response: 4727900  
Conc: 18.32 ug/ml