

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021521AR\
 Data File : FD036202.D
 Signal(s) : FID2B.CH
 Acq On : 16 Feb 2021 2:37
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 16 05:55:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 05:53:15 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.607	545631	4.412 ug/ml
Spiked Amount 50.000		Recovery =	8.82%
6) S 2-Fluorobiphenyl (SURR)	8.467	365014	4.205 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.41%
11) S ortho-Terphenyl (SURR)	11.509	678609	4.600 ug/ml
Spiked Amount 50.000		Recovery =	9.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.409	608867	4.534 ug/ml
2) T Naphthalene (C11.7)	5.946	651180	4.504 ug/ml
3) T 2-Methylnaphthalene (...)	6.996	640220	4.440 ug/ml
5) T Acenaphthylene (C15.06)	8.271	614250	4.353 ug/ml
7) T Acenaphthene (C15.5)	8.566	647045	4.446 ug/ml
8) T Fluorene (C16.55)	9.346	624273	4.379 ug/ml
9) T Phenanthrene (C19.36)	10.740	642412	4.470 ug/ml
10) T Anthracene (C19.43)	10.814	621778	4.411 ug/ml
12) T Fluoranthene (C21.85)	12.549	674040	4.583 ug/ml
13) T Pyrene (C20.8)	12.845	672841	4.608 ug/ml
14) T Benzo[a]anthracene (C...	14.712	632520	4.625 ug/ml
15) T Chrysene (C27.41)	14.754	649749	4.626 ug/ml
16) T benzo[b]fluoranthene ...	16.257	644972	4.729 ug/ml
17) T Bnezo[k]fluoranthene ...	16.289	626452	4.708 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.635	592250	4.721 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.995	597393	4.738 ug/ml
20) T Dibenz[a,h]anthracene...	18.035	617783	4.828 ug/ml
21) T Benzo[g,h,i]perylene ...	18.247	605032	4.779 ug/ml

(f)=RT Delta > 1/2 Window

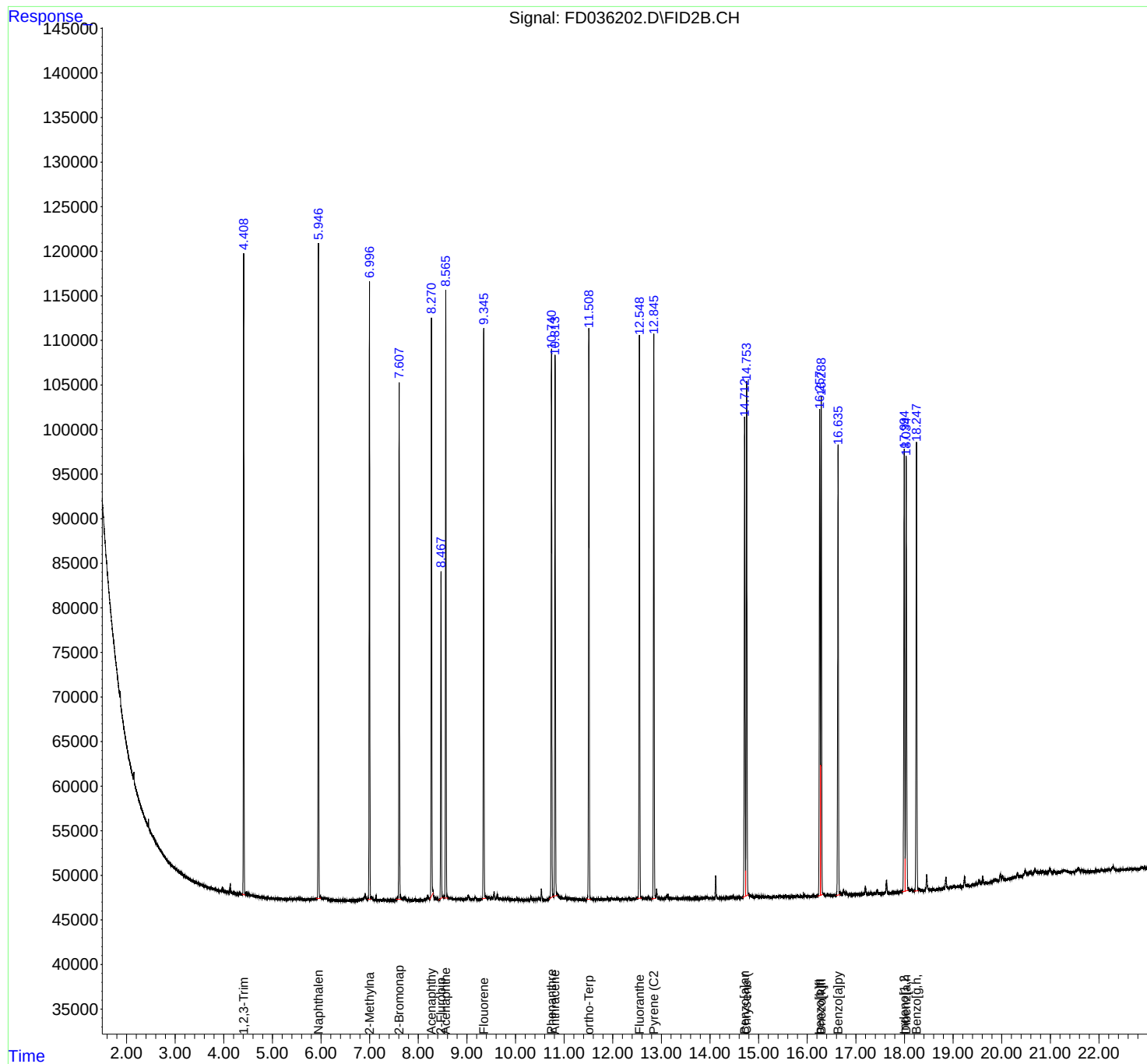
(m)=manual int.

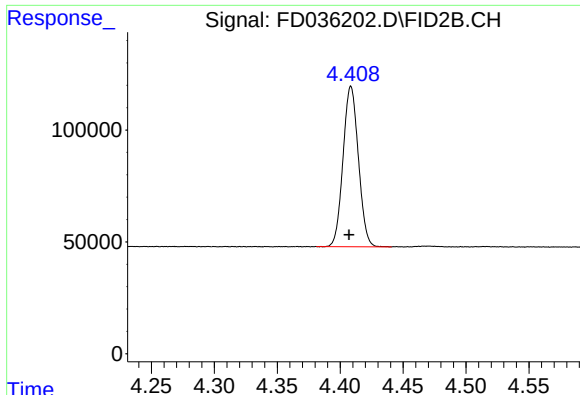
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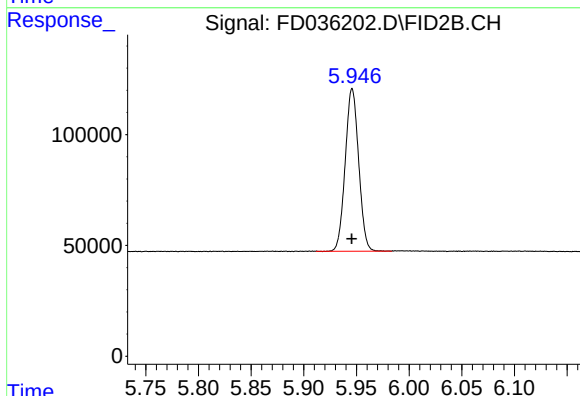




#1 1,2,3-Trimethylbenzene (C10.1)

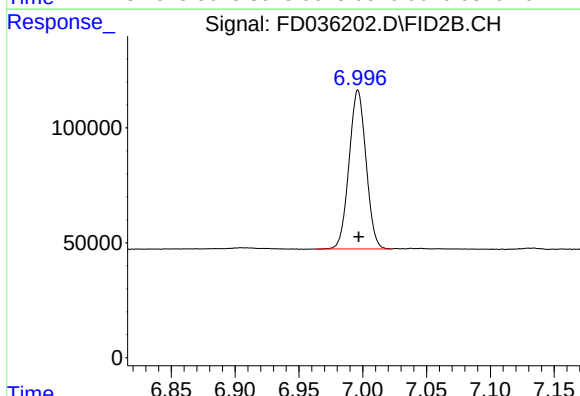
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 608867
Conc: 4.53 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



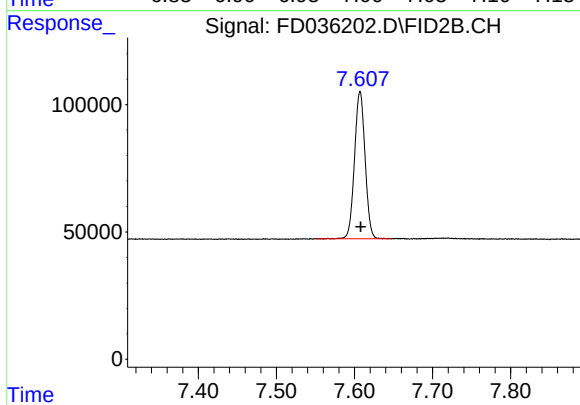
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 651180
Conc: 4.50 ug/ml



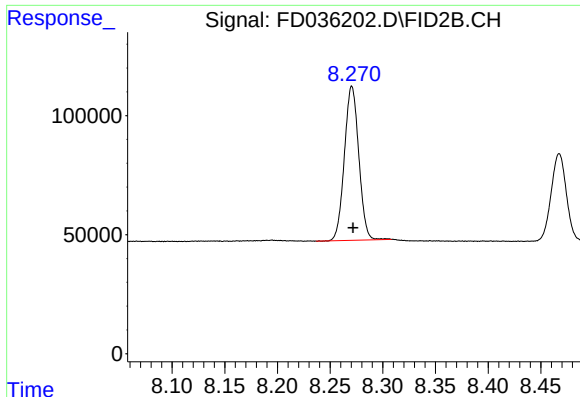
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 640220
Conc: 4.44 ug/ml



#4 2-Bromonaphthalene (SURR)

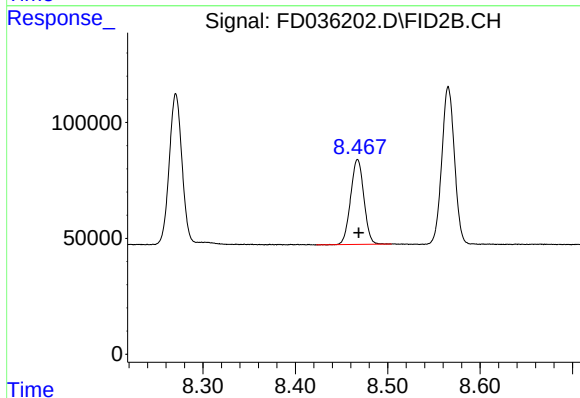
R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 545631
Conc: 4.41 ug/ml



#5 Acenaphthylene (C15.06)

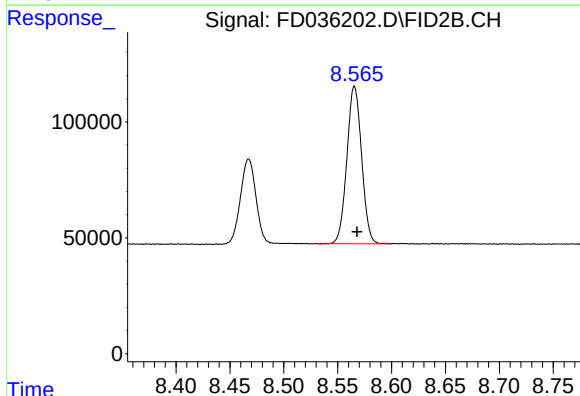
R.T.: 8.271 min
Delta R.T.: -0.001 min
Response: 614250
Conc: 4.35 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



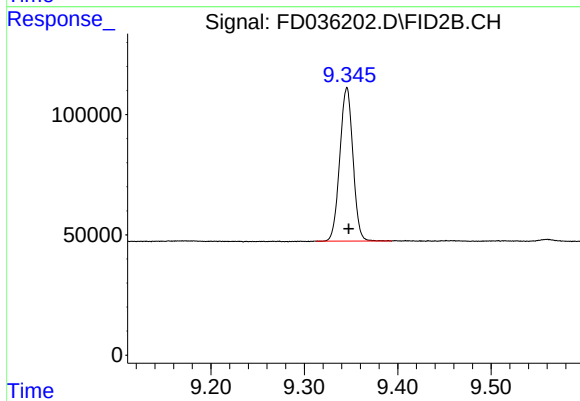
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.467 min
Delta R.T.: -0.001 min
Response: 365014
Conc: 4.21 ug/ml



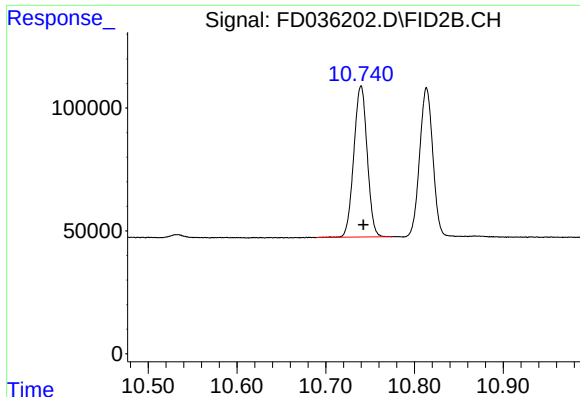
#7 Acenaphthene (C15.5)

R.T.: 8.566 min
Delta R.T.: -0.003 min
Response: 647045
Conc: 4.45 ug/ml



#8 Fluorene (C16.55)

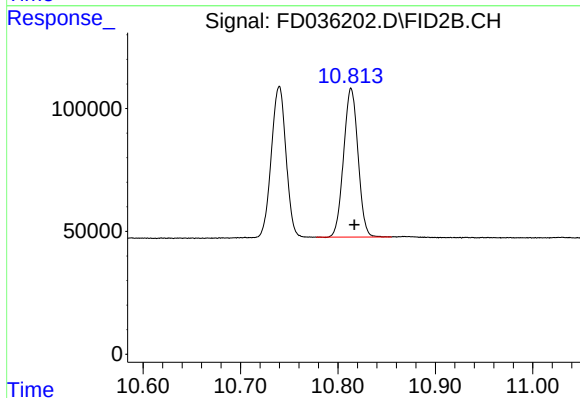
R.T.: 9.346 min
Delta R.T.: -0.002 min
Response: 624273
Conc: 4.38 ug/ml



#9 Phenanthrene (C19.36)

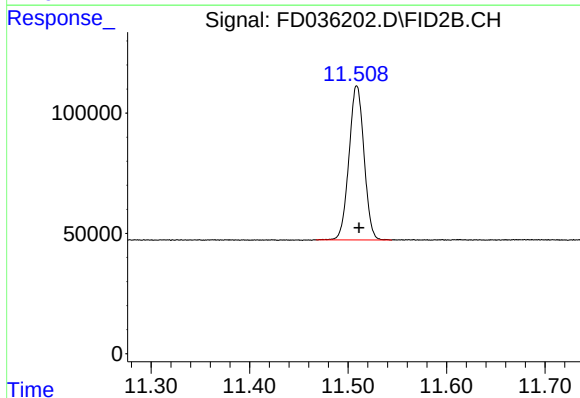
R.T.: 10.740 min
Delta R.T.: -0.003 min
Response: 642412
Conc: 4.47 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



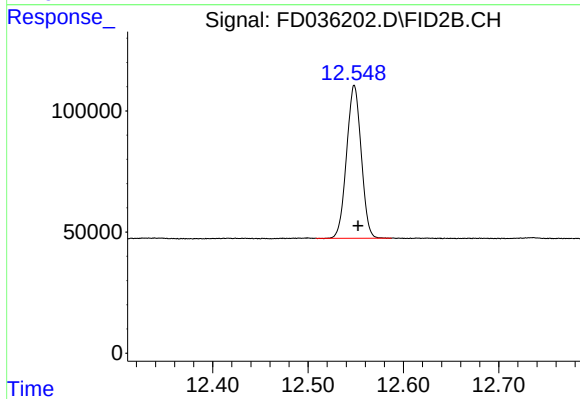
#10 Anthracene (C19.43)

R.T.: 10.814 min
Delta R.T.: -0.003 min
Response: 621778
Conc: 4.41 ug/ml



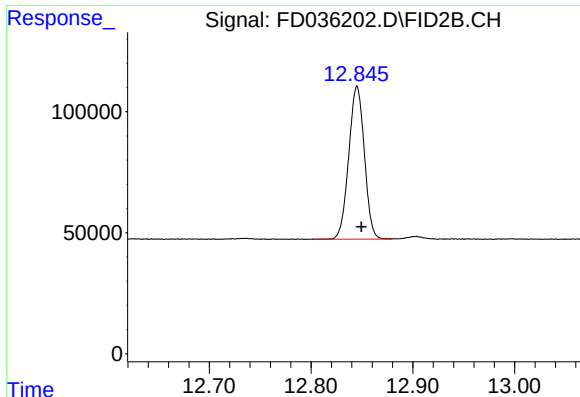
#11 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: -0.002 min
Response: 678609
Conc: 4.60 ug/ml



#12 Fluoranthene (C21.85)

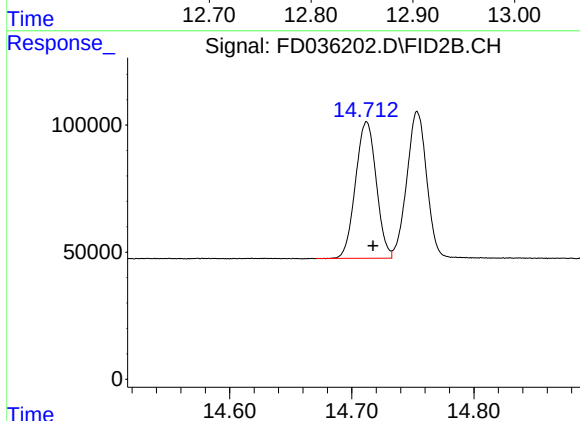
R.T.: 12.549 min
Delta R.T.: -0.004 min
Response: 674040
Conc: 4.58 ug/ml



#13 Pyrene (C20.8)

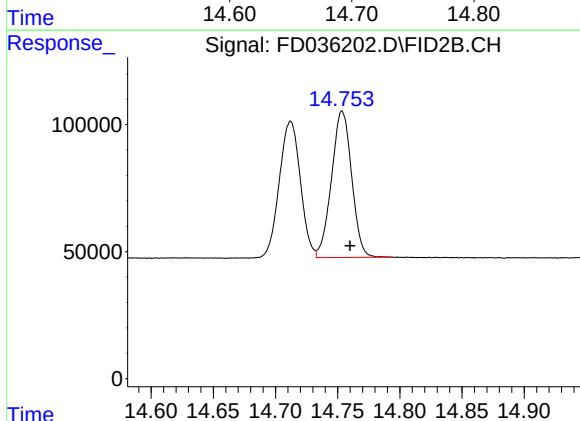
R.T.: 12.845 min
Delta R.T.: -0.004 min
Response: 672841
Conc: 4.61 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



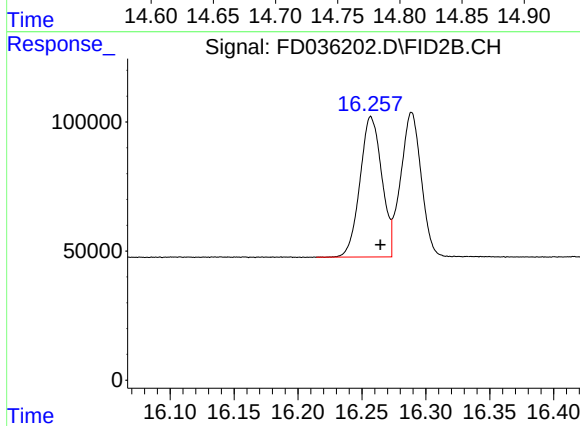
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.712 min
Delta R.T.: -0.005 min
Response: 632520
Conc: 4.63 ug/ml



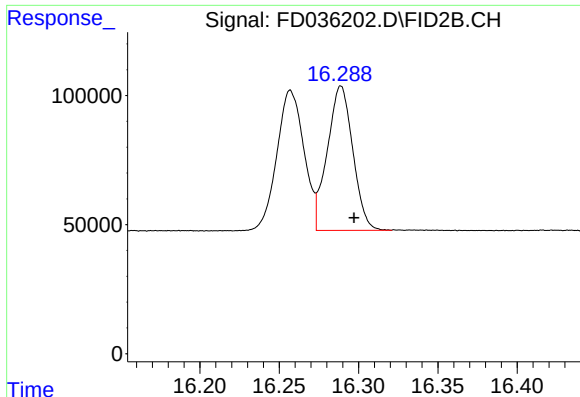
#15 Chrysene (C27.41)

R.T.: 14.754 min
Delta R.T.: -0.006 min
Response: 649749
Conc: 4.63 ug/ml



#16 benzo[b]fluoranthene (C30.41)

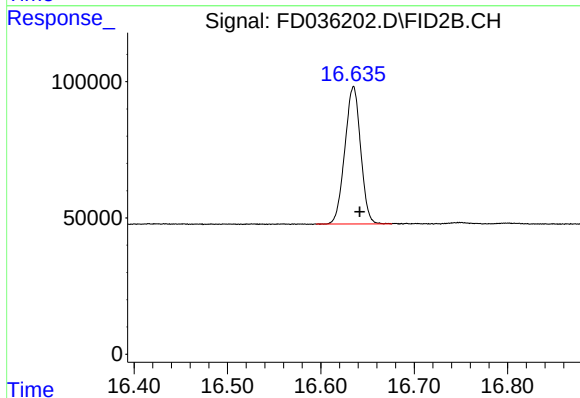
R.T.: 16.257 min
Delta R.T.: -0.007 min
Response: 644972
Conc: 4.73 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

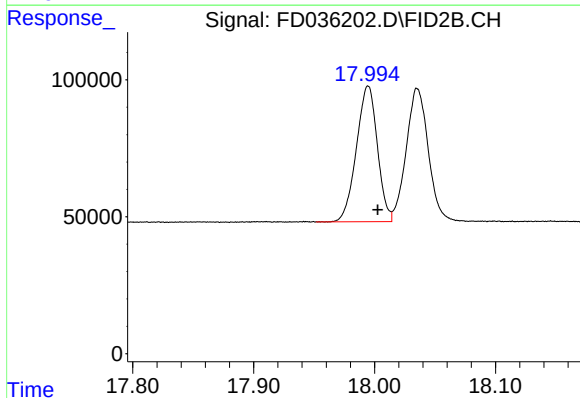
R.T.: 16.289 min
Delta R.T.: -0.008 min
Response: 626452
Conc: 4.71 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



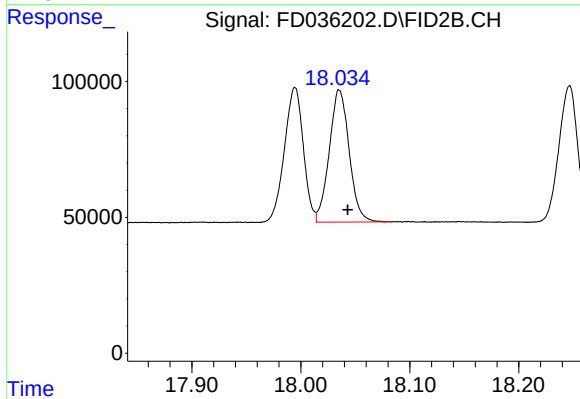
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.635 min
Delta R.T.: -0.007 min
Response: 592250
Conc: 4.72 ug/ml



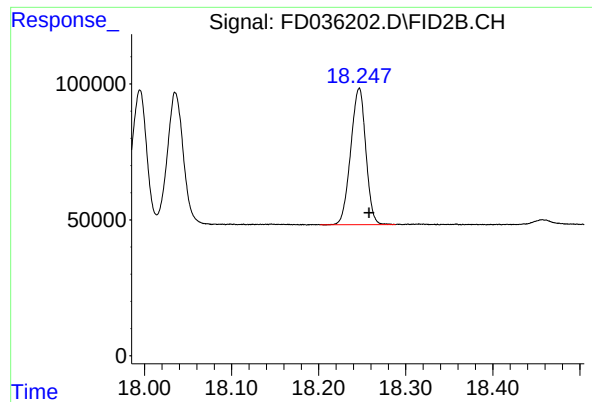
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.995 min
Delta R.T.: -0.008 min
Response: 597393
Conc: 4.74 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.035 min
Delta R.T.: -0.008 min
Response: 617783
Conc: 4.83 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.247 min
Delta R.T.: -0.011 min
Response: 605032
Conc: 4.78 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5