

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120519AR\
 Data File : FD031778.D
 Signal(s) : FID2B.CH
 Acq On : 05 Dec 2019 17:55
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 06 02:48:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 02:46:49 2019
 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...	7.649	6352206	52.657 ug/ml
Spiked Amount 50.000		Recovery =	105.31%
6) S 2-Fluorobiphenyl (SURR)	8.512	4385163	52.383 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.77%
11) S ortho-Terphenyl (SURR)	11.548	6737312	51.920 ug/ml
Spiked Amount 50.000		Recovery =	103.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.450	6521804	52.782 ug/ml
2) T Naphthalene (C11.7)	5.989	6949455	52.951 ug/ml
3) T 2-Methylnaphthalene (...)	7.040	6934470	52.739 ug/ml
5) T Acenaphthylene (C15.06)	8.315	6681257	52.383 ug/ml
7) T Acenaphthene (C15.5)	8.612	6944325	52.524 ug/ml
8) T Fluorene (C16.55)	9.391	6892187	52.264 ug/ml
9) T Phenanthrene (C19.36)	10.786	6883377	52.037 ug/ml
10) T Anthracene (C19.43)	10.861	6810280	51.966 ug/ml
12) T Fluoranthene (C21.85)	12.597	6876427	51.650 ug/ml
13) T Pyrene (C20.8)	12.894	6818124	51.522 ug/ml
14) T Benzo[a]anthracene (C...	14.763	6459169	51.505 ug/ml
15) T Chrysene (C27.41)	14.808	6437812	51.347 ug/ml
16) T benzo[b]fluoranthene ...	16.312	6247533	51.717 ug/ml
17) T Bnezo[k]fluoranthene ...	16.348	6145873	51.515 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.692	6098041	51.837 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.056	5869656	52.587 ug/ml
20) T Dibenz[a,h]anthracene...	18.094	5652387	51.013 ug/ml
21) T Benzo[g,h,i]perylene ...	18.314	5747045	51.952 ug/ml

(f)=RT Delta > 1/2 Window

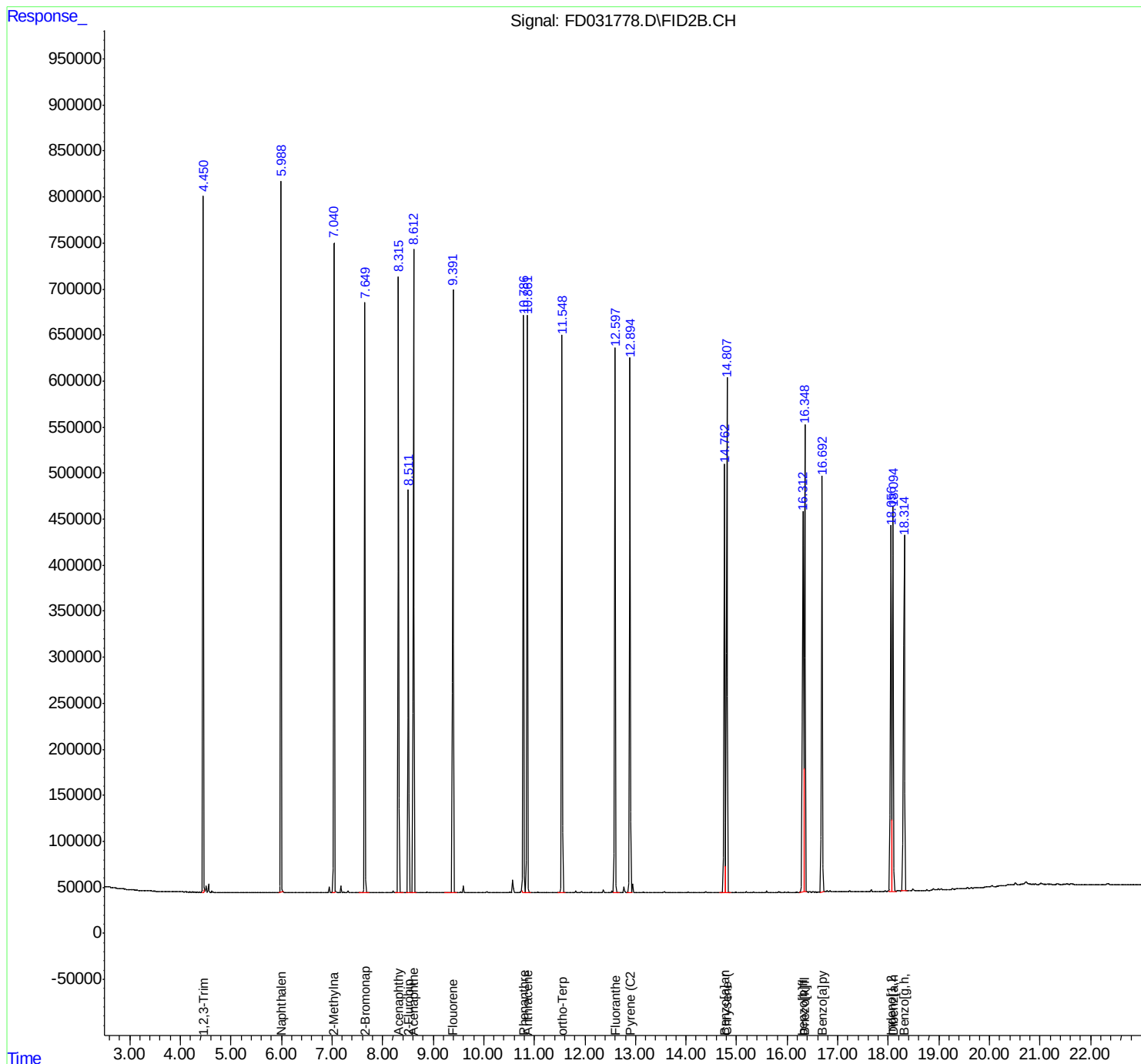
(m)=manual int.

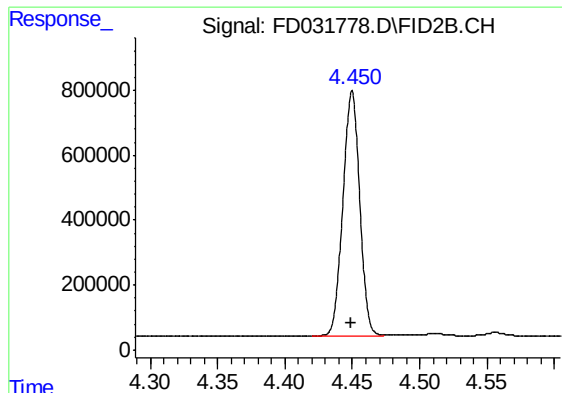
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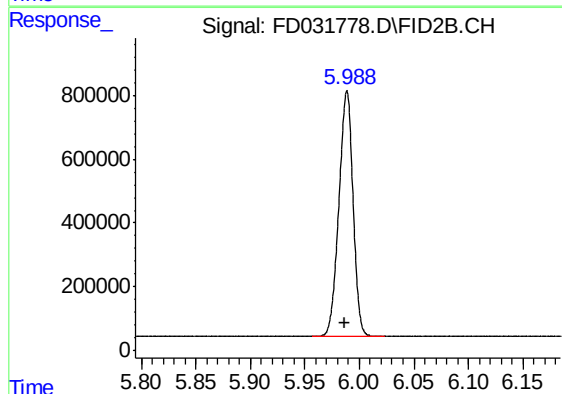




#1 1,2,3-Trimethylbenzene (C10.1)

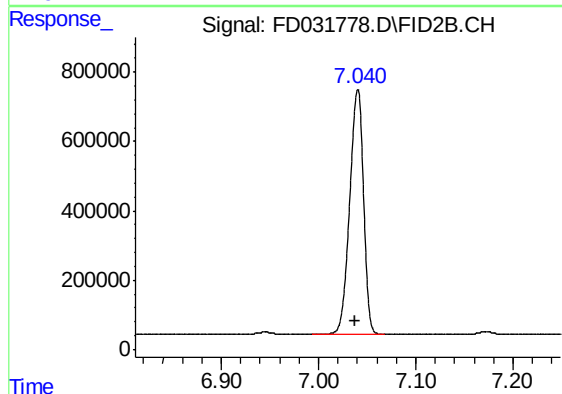
R.T.: 4.450 min
Delta R.T.: 0.000 min
Response: 6521804
Conc: 52.78 ug/ml

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FID_D
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50 PPM AROMATIC HC STD2



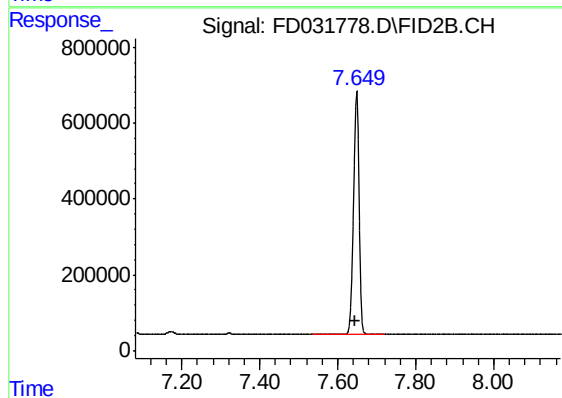
#2 Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: 0.002 min
Response: 6949455
Conc: 52.95 ug/ml



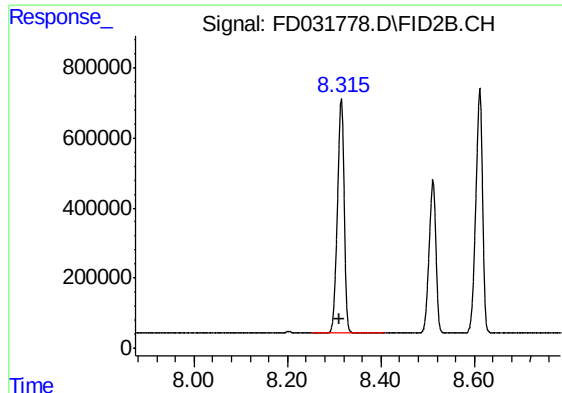
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: 0.004 min
Response: 6934470
Conc: 52.74 ug/ml



#4 2-Bromonaphthalene (SURR)

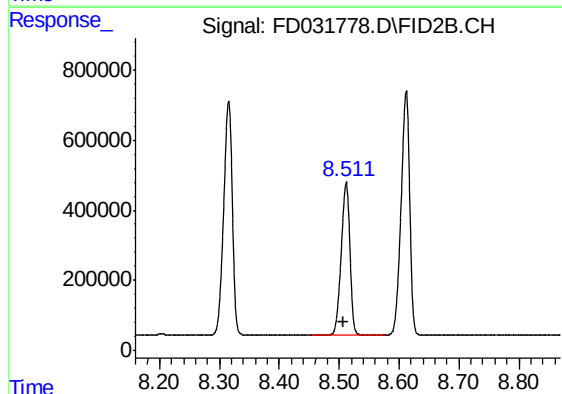
R.T.: 7.649 min
Delta R.T.: 0.003 min
Response: 6352206
Conc: 52.66 ug/ml



#5 Acenaphthylene (C15.06)

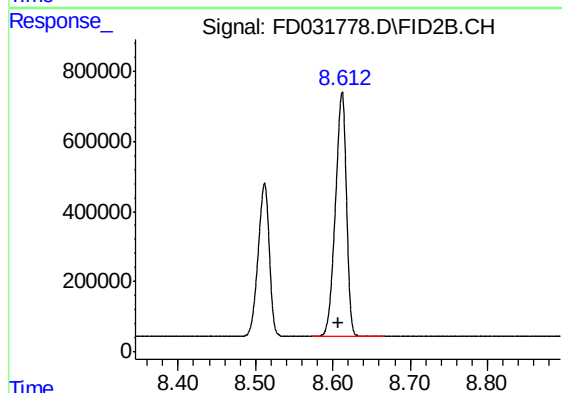
R.T.: 8.315 min
Delta R.T.: 0.004 min
Response: 6681257
Conc: 52.38 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



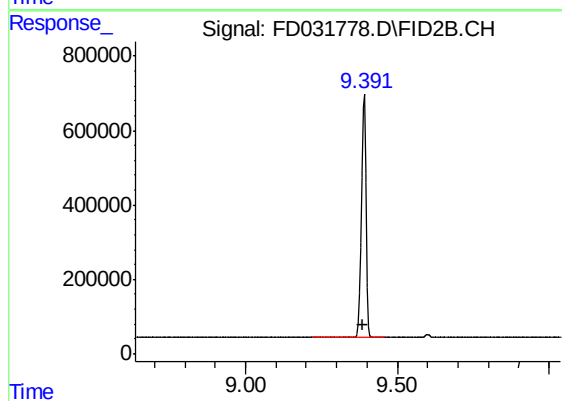
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.512 min
Delta R.T.: 0.004 min
Response: 4385163
Conc: 52.38 ug/ml



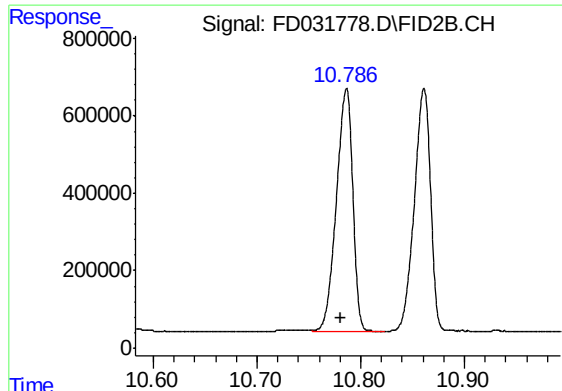
#7 Acenaphthene (C15.5)

R.T.: 8.612 min
Delta R.T.: 0.005 min
Response: 6944325
Conc: 52.52 ug/ml



#8 Flouorene (C16.55)

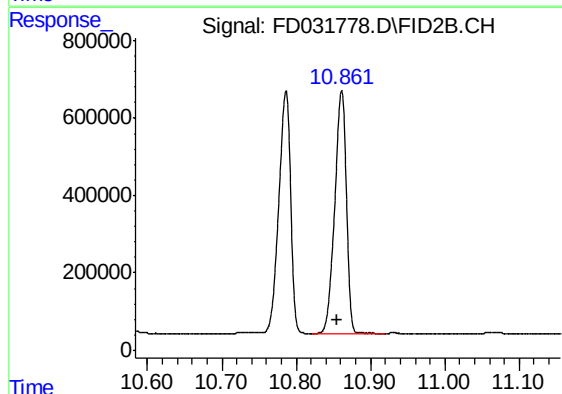
R.T.: 9.391 min
Delta R.T.: 0.005 min
Response: 6892187
Conc: 52.26 ug/ml



#9 Phenanthrene (C19.36)

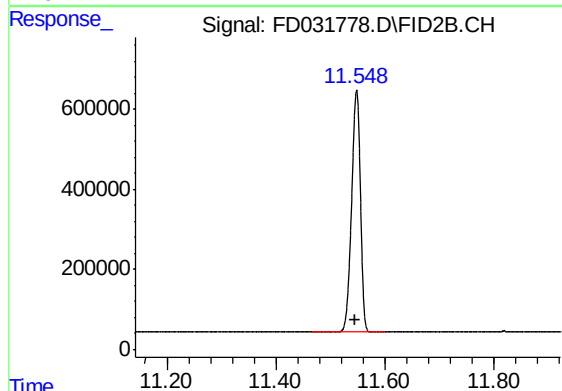
R.T.: 10.786 min
Delta R.T.: 0.006 min
Response: 6883377
Conc: 52.04 ug/ml

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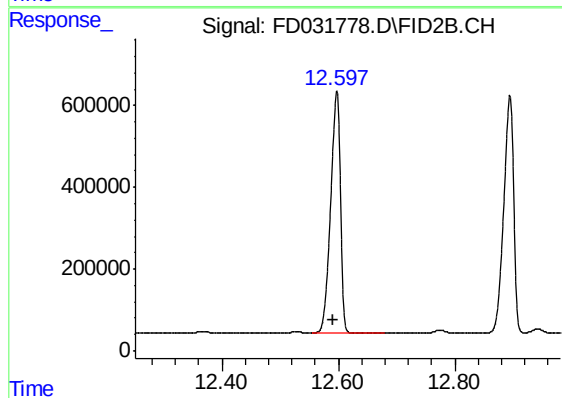
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: 0.006 min
Response: 6810280
Conc: 51.97 ug/ml



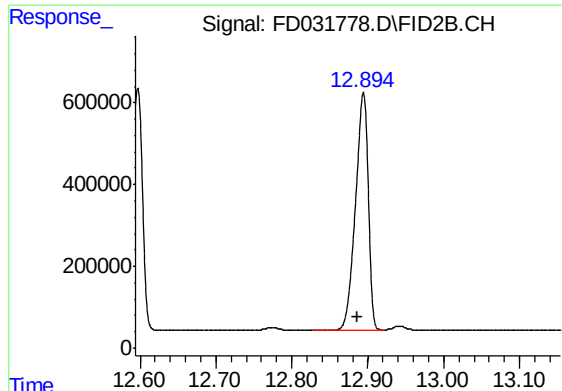
#11 ortho-Terphenyl (SURRE)

R.T.: 11.548 min
Delta R.T.: 0.004 min
Response: 6737312
Conc: 51.92 ug/ml



#12 Fluoranthene (C21.85)

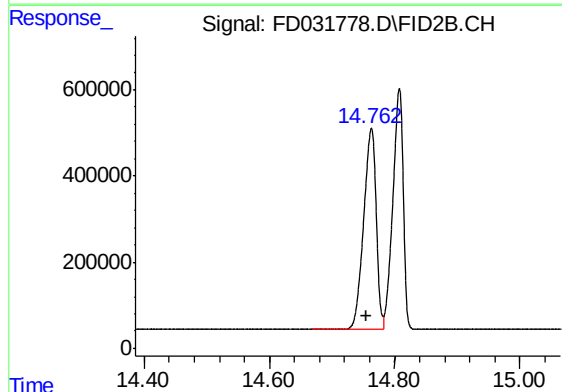
R.T.: 12.597 min
Delta R.T.: 0.007 min
Response: 6876427
Conc: 51.65 ug/ml



#13 Pyrene (C20.8)

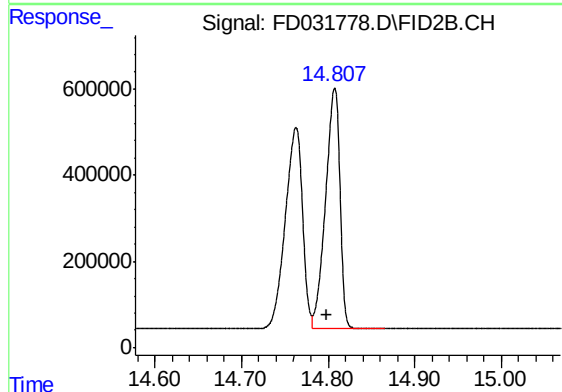
R.T.: 12.894 min
Delta R.T.: 0.008 min
Response: 6818124
Conc: 51.52 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



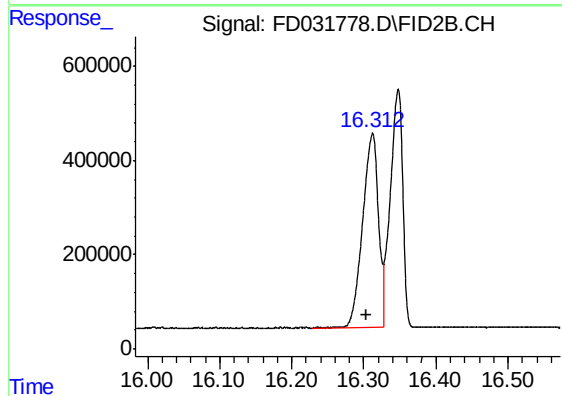
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.763 min
Delta R.T.: 0.008 min
Response: 6459169
Conc: 51.51 ug/ml



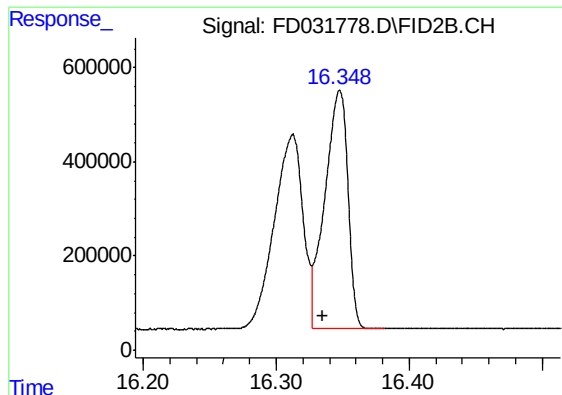
#15 Chrysene (C27.41)

R.T.: 14.808 min
Delta R.T.: 0.010 min
Response: 6437812
Conc: 51.35 ug/ml



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

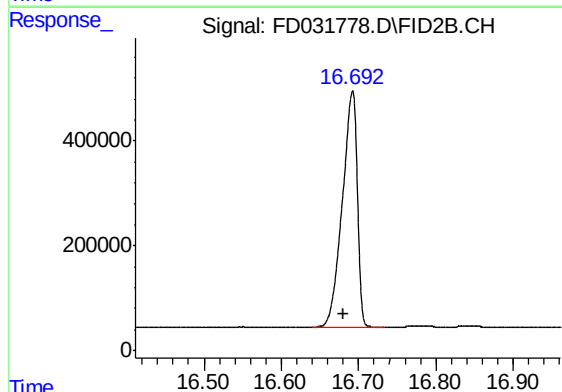
R.T.: 16.312 min
Delta R.T.: 0.009 min
Response: 6247533
Conc: 51.72 ug/ml



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

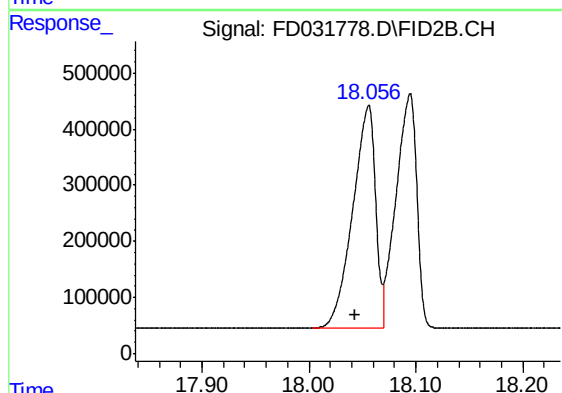
R.T.: 16.348 min
Delta R.T.: 0.013 min
Response: 6145873
Conc: 51.52 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



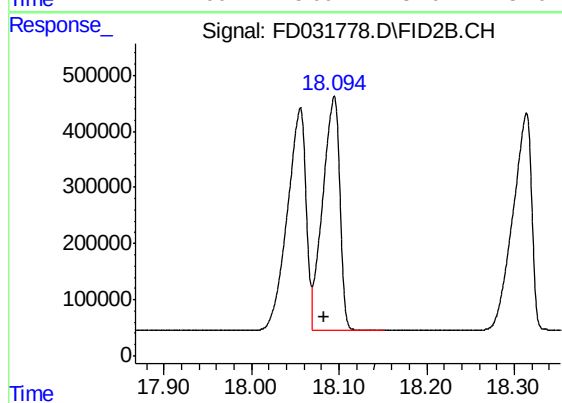
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.692 min
Delta R.T.: 0.012 min
Response: 6098041
Conc: 51.84 ug/ml



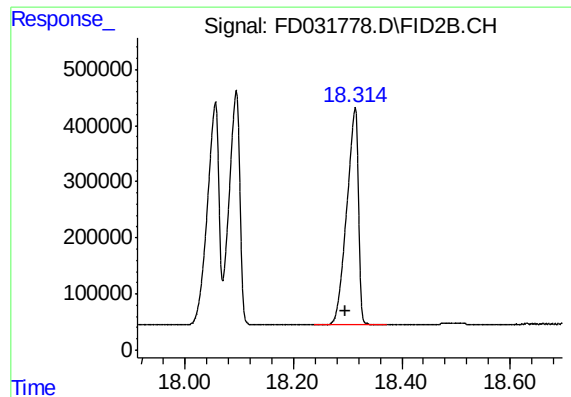
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.056 min
Delta R.T.: 0.013 min
Response: 5869656
Conc: 52.59 ug/ml



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

R.T.: 18.094 min
Delta R.T.: 0.012 min
Response: 5652387
Conc: 51.01 ug/ml



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

R.T.: 18.314 min
Delta R.T.: 0.017 min
Response: 5747045
Conc: 51.95 ug/ml

Instrument :
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