

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031622AR\
 Data File : FD041599.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2022 11:47
 Operator : UA/NP
 Sample : PB143398BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143398BS

Integration File: autoint1.e
 Quant Time: Mar 17 14:23:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 2022
 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...	7.355	6806945	42.129 ug/ml
Spiked Amount 50.000		Recovery =	84.26%
6) S 2-Fluorobiphenyl (SURR)	8.204	4407977	42.345 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.69%
11) S ortho-Terphenyl (SURR)	11.236	6505604	37.089 ug/ml
Spiked Amount 50.000		Recovery =	74.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	7017506	40.040 ug/ml
2) T Naphthalene (C11.7)	5.698	7901316	43.322 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	7863634	43.447 ug/ml
5) T Acenaphthylene (C15.06)	8.007	7820313	43.745 ug/ml
7) T Acenaphthene (C15.5)	8.302	8531948	44.635 ug/ml
8) T Flouorene (C16.55)	9.080	8308991	48.523 ug/ml
9) T Phenanthrene (C19.36)	10.466	8476211	51.593 ug/ml
10) T Anthracene (C19.43)	10.541	8527601	53.324 ug/ml
12) T Fluoranthene (C21.85)	12.270	8542222	50.842 ug/ml
13) T Pyrene (C20.8)	12.563	8180248	48.792 ug/ml
14) T Benzo[a]anthracene (C...	14.433	7919807	54.575 ug/ml
15) T Chrysene (C27.41)	14.476	7809302	47.423 ug/ml
16) T benzo[b]fluoranthene ...	15.980	8057006	59.033 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	8181938	55.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.355	7292758	55.462 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	7294367	58.189 ug/ml
20) T Dibenz[a,h]anthracene...	17.762	7897272	55.869 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	7828229	60.462 ug/ml

(f)=RT Delta > 1/2 Window

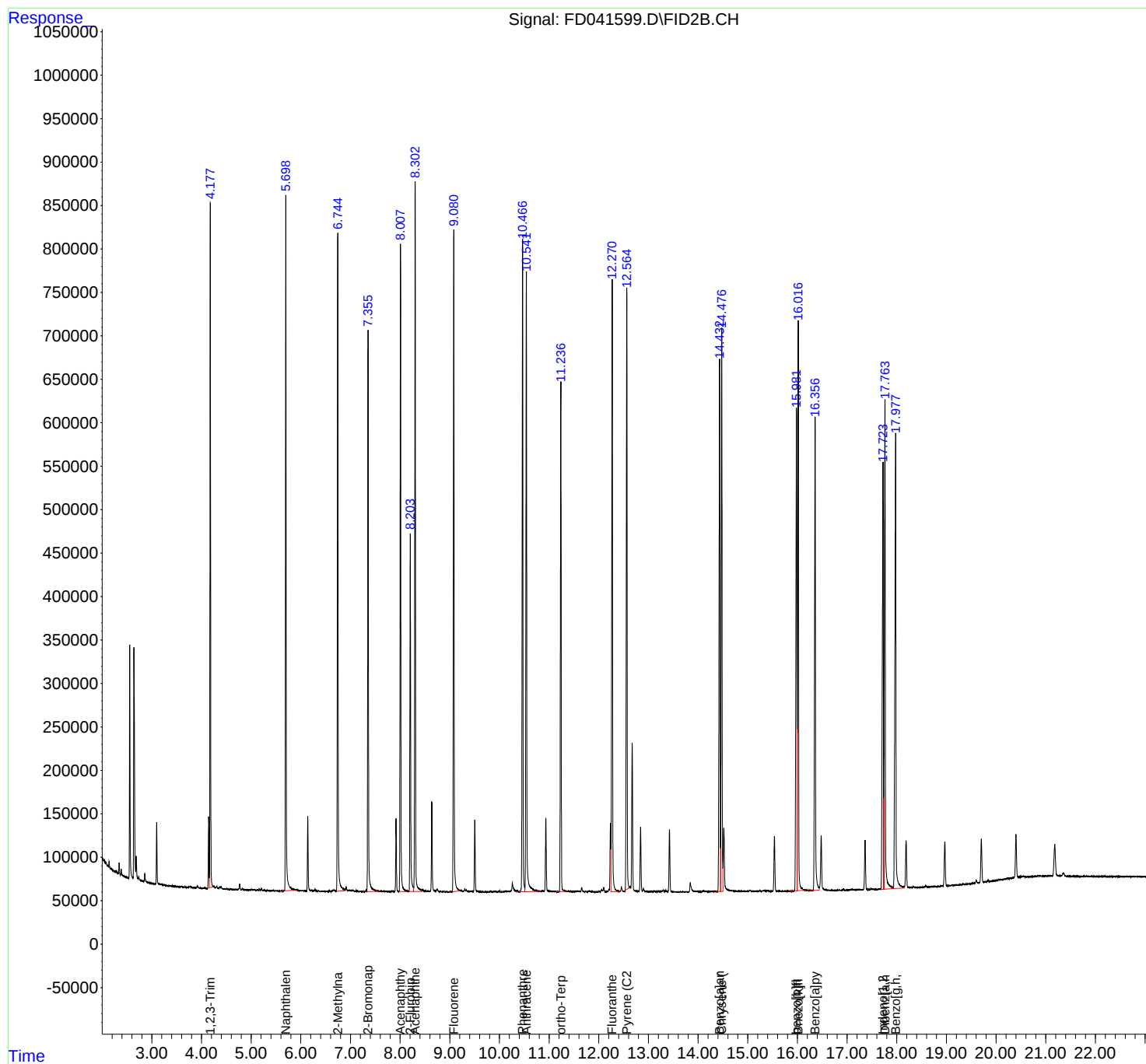
(m)=manual int.

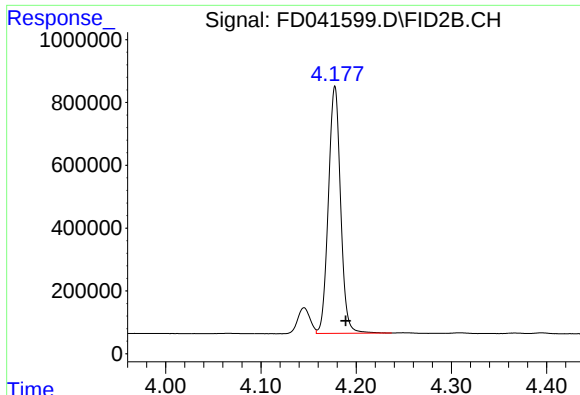
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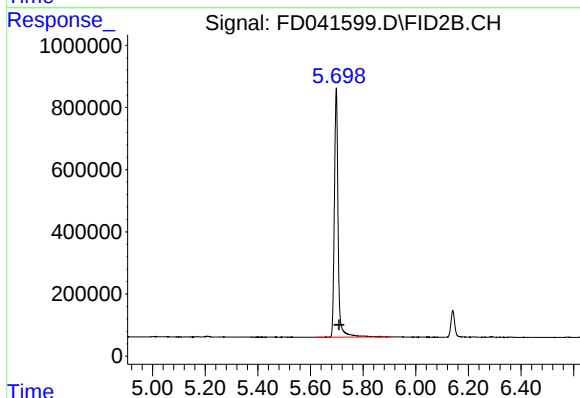




#1 1,2,3-Trimethylbenzene (C10.1)

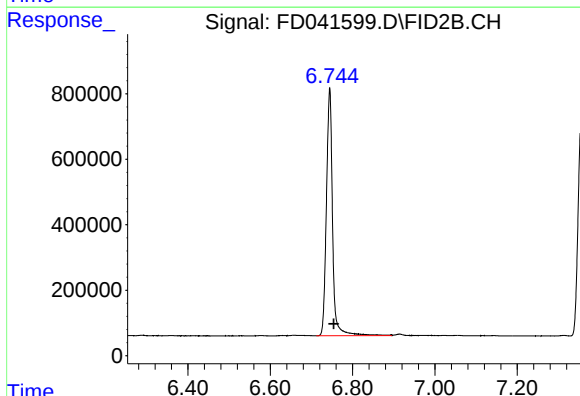
R.T.: 4.178 min
Delta R.T.: -0.011 min
Response: 7017506
Conc: 40.04 ug/ml

Instrument :
FID_D
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PB143398BS



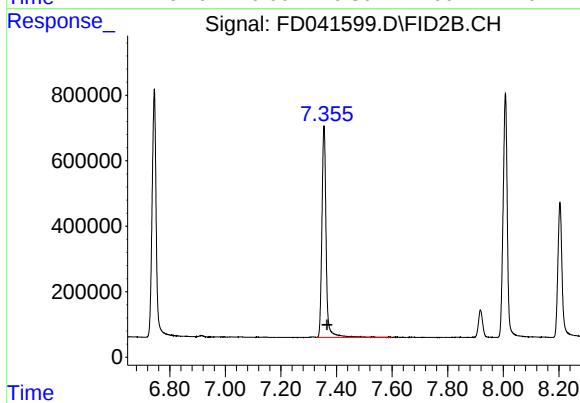
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: -0.012 min
Response: 7901316
Conc: 43.32 ug/ml



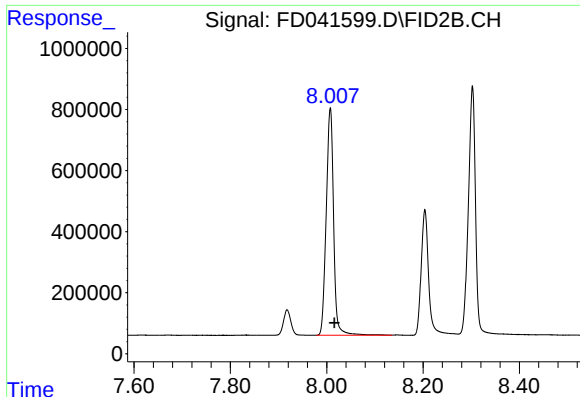
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: -0.010 min
Response: 7863634
Conc: 43.45 ug/ml



#4 2-Bromonaphthalene (SURR)

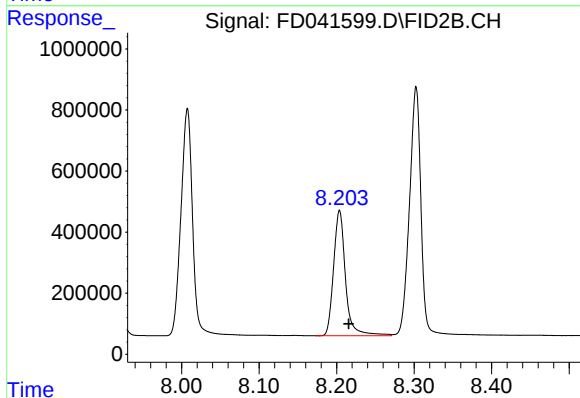
R.T.: 7.355 min
Delta R.T.: -0.011 min
Response: 6806945
Conc: 42.13 ug/ml



#5 Acenaphthylene (C15.06)

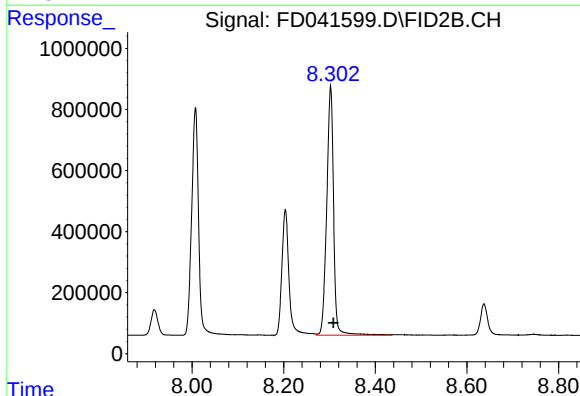
R.T.: 8.007 min
Delta R.T.: -0.009 min
Response: 7820313
Conc: 43.75 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143398BS



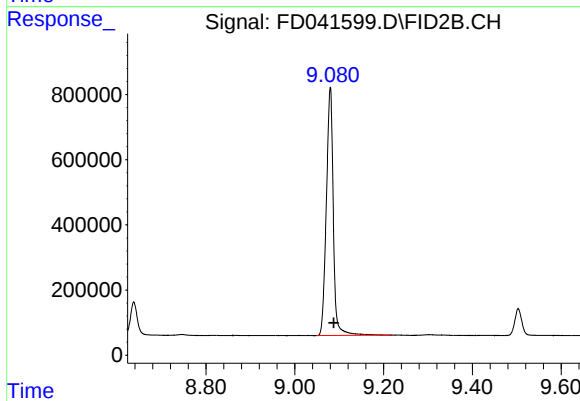
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min
Delta R.T.: -0.012 min
Response: 4407977
Conc: 42.35 ug/ml



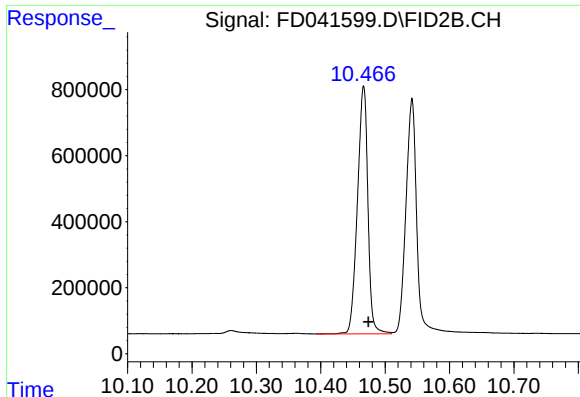
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: -0.007 min
Response: 8531948
Conc: 44.64 ug/ml



#8 Flouorene (C16.55)

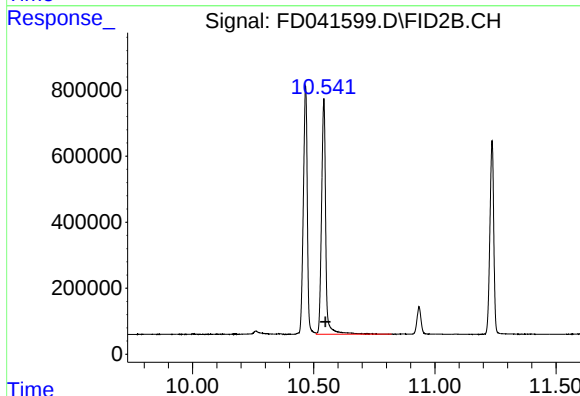
R.T.: 9.080 min
Delta R.T.: -0.008 min
Response: 8308991
Conc: 48.52 ug/ml



#9 Phenanthrene (C19.36)

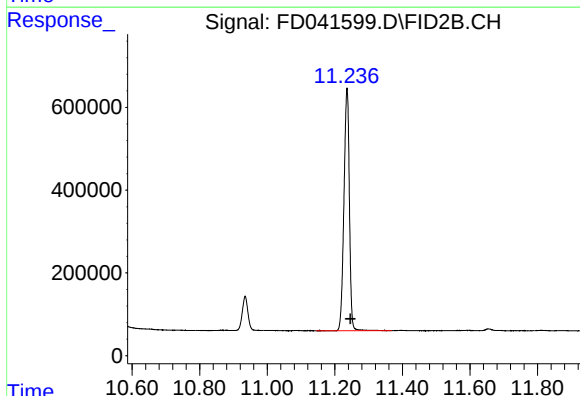
R.T.: 10.466 min
Delta R.T.: -0.007 min
Response: 8476211
Conc: 51.59 ug/ml

Instrument :
FID_D
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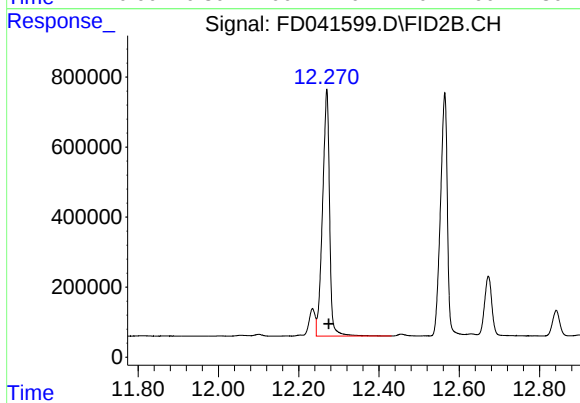
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.007 min
Response: 8527601
Conc: 53.32 ug/ml



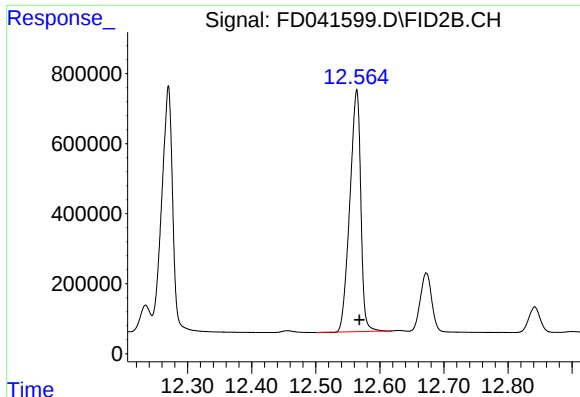
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: -0.011 min
Response: 6505604
Conc: 37.09 ug/ml



#12 Fluoranthene (C21.85)

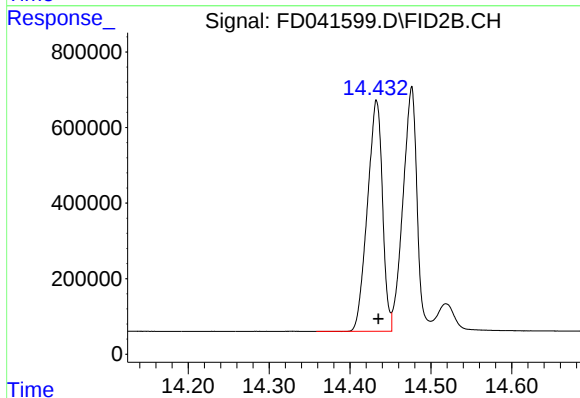
R.T.: 12.270 min
Delta R.T.: -0.005 min
Response: 8542222
Conc: 50.84 ug/ml



#13 Pyrene (C20.8)

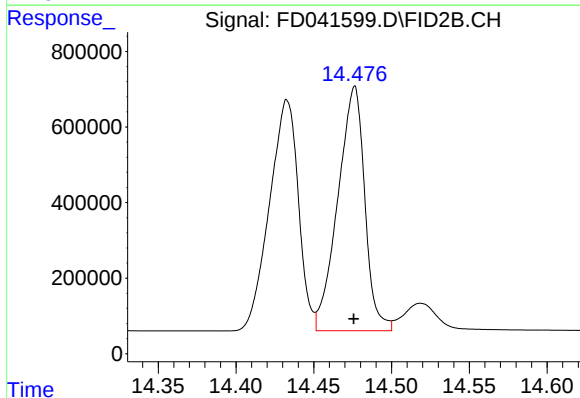
R.T.: 12.563 min
Delta R.T.: -0.005 min
Response: 8180248
Conc: 48.79 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143398BS



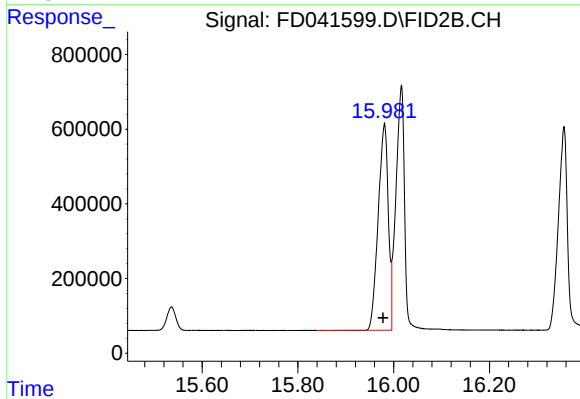
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: -0.003 min
Response: 7919807
Conc: 54.57 ug/ml



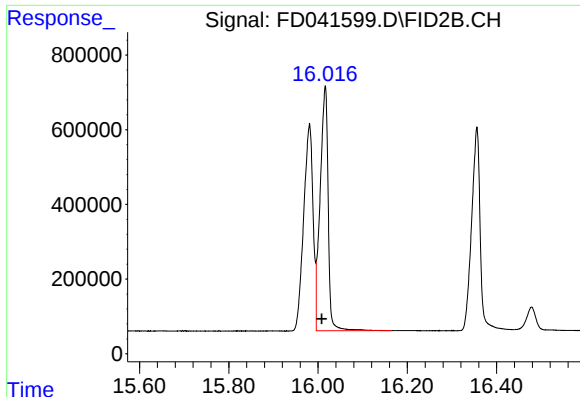
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.000 min
Response: 7809302
Conc: 47.42 ug/ml



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

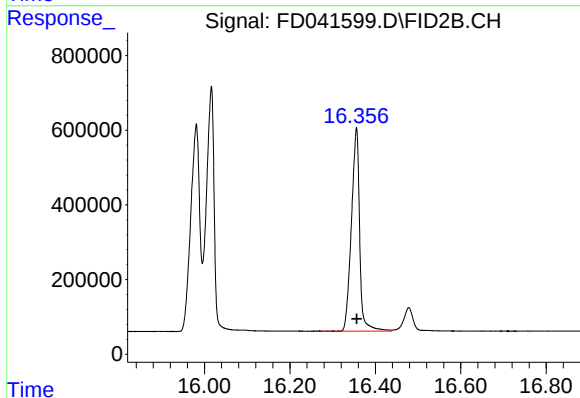
R.T.: 15.980 min
Delta R.T.: 0.002 min
Response: 8057006
Conc: 59.03 ug/ml



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

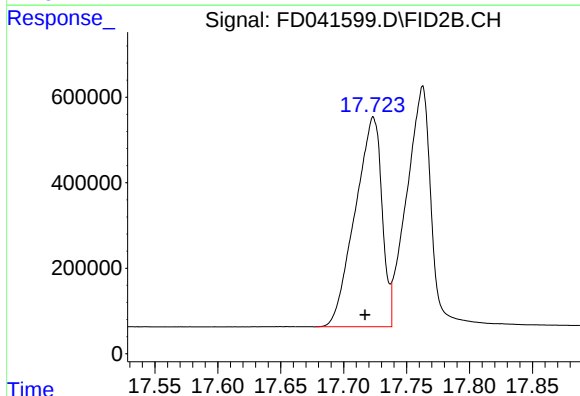
R.T.: 16.015 min
Delta R.T.: 0.007 min
Response: 8181938
Conc: 55.44 ug/ml

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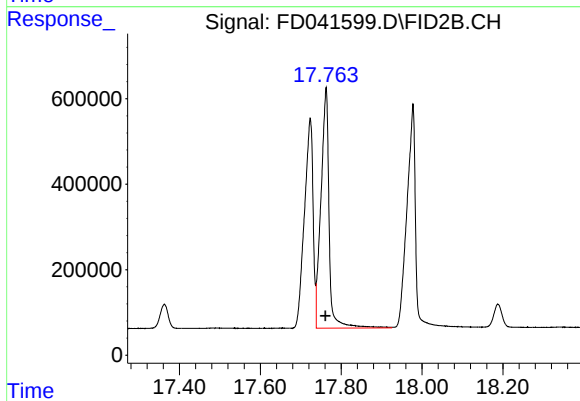
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.355 min
Delta R.T.: -0.001 min
Response: 7292758
Conc: 55.46 ug/ml



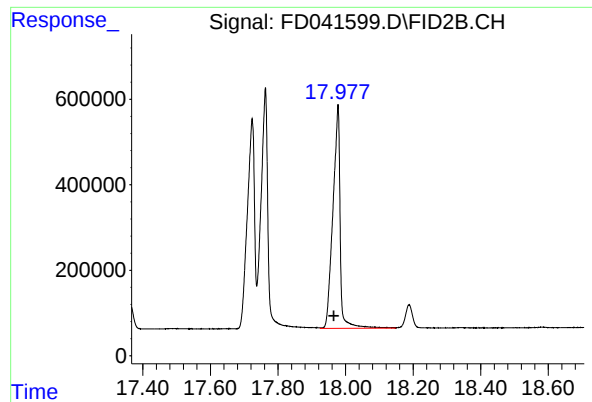
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.723 min
Delta R.T.: 0.006 min
Response: 7294367
Conc: 58.19 ug/ml



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

R.T.: 17.762 min
Delta R.T.: 0.001 min
Response: 7897272
Conc: 55.87 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.012 min
Response: 7828229
Conc: 60.46 ug/ml

Instrument :

FID_D

ClientSampleId :

PB143398BS