

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031622AR\
 Data File : FD041606.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2022 16:31
 Operator : UA/NP
 Sample : PB143389BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143389BS

Integration File: autoint1.e
 Quant Time: Mar 17 22:38:09 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	7248113	44.859 ug/ml
Spiked Amount 50.000		Recovery =	89.72%
6) S 2-Fluorobiphenyl (SURR)	8.204	4669095	44.854 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.71%
11) S ortho-Terphenyl (SURR)	11.236	6913332	39.414 ug/ml
Spiked Amount 50.000		Recovery =	78.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	7482318	42.692 ug/ml
2) T Naphthalene (C11.7)	5.699	8481251	46.502 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	8311974	45.924 ug/ml
5) T Acenaphthylene (C15.06)	8.007	8309462	46.481 ug/ml
7) T Acenaphthene (C15.5)	8.303	9085647	47.532 ug/ml
8) T Flouorene (C16.55)	9.079	8866108	51.776 ug/ml
9) T Phenanthrene (C19.36)	10.467	9007116	54.824 ug/ml
10) T Anthracene (C19.43)	10.542	9068656	56.707 ug/ml
12) T Fluoranthene (C21.85)	12.270	9092624	54.118 ug/ml
13) T Pyrene (C20.8)	12.564	8711692	51.962 ug/ml
14) T Benzo[a]anthracene (C...	14.433	8384724	57.779 ug/ml
15) T Chrysene (C27.41)	14.478	8298137	50.391 ug/ml
16) T benzo[b]fluoranthene ...	15.982	8492197	62.222 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	8492951	57.552 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	7724589	58.746 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.725	7791856	62.157 ug/ml
20) T Dibenz[a,h]anthracene...	17.764	8329455	58.926 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	8353766	64.520 ug/ml

(f)=RT Delta > 1/2 Window

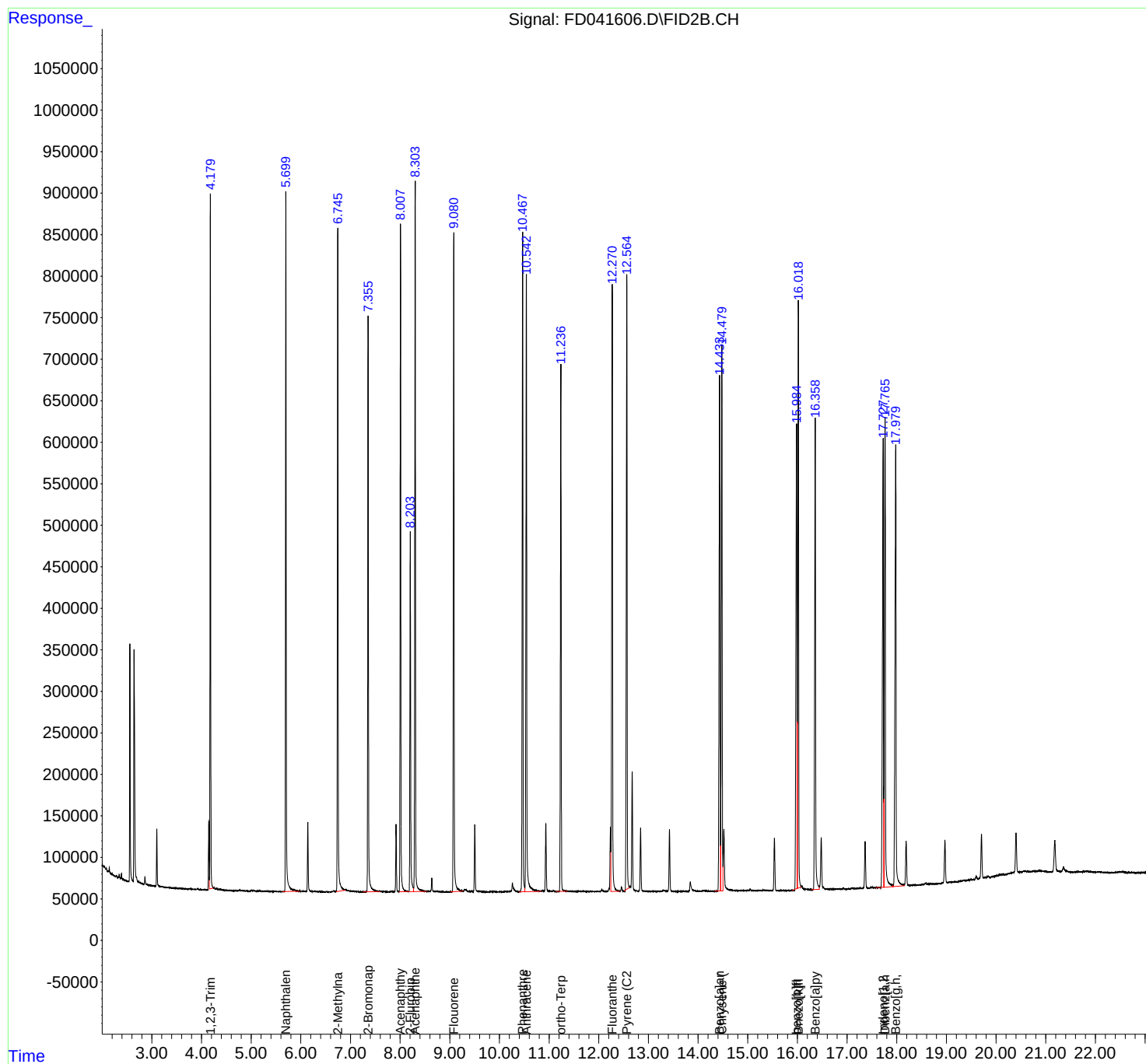
(m)=manual int.

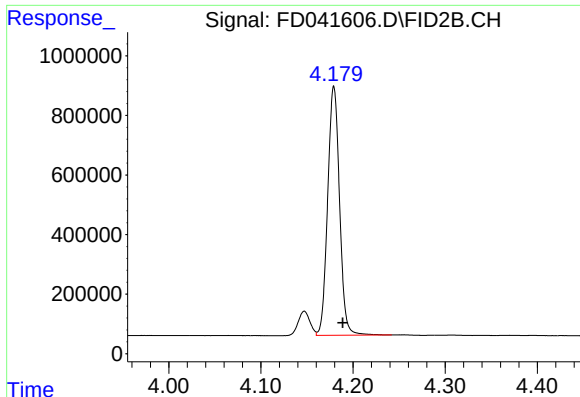
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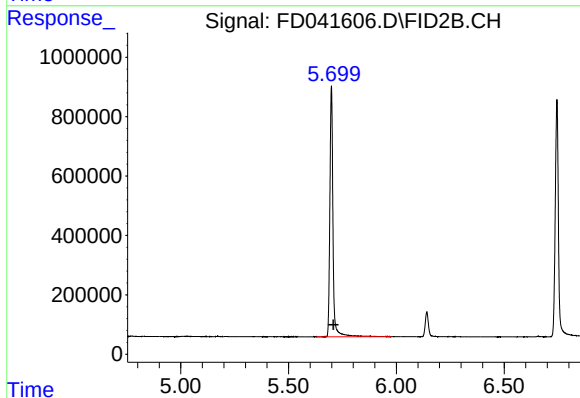




#1 1,2,3-Trimethylbenzene (C10.1)

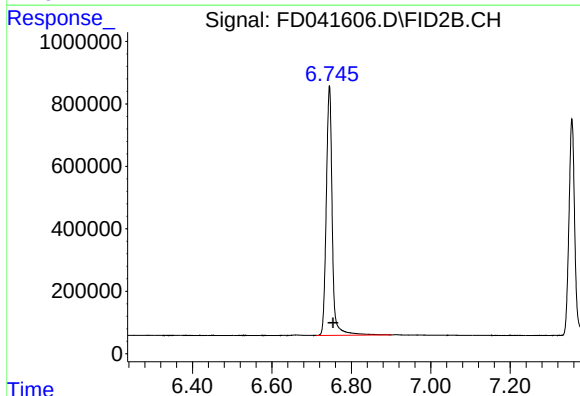
R.T.: 4.179 min
Delta R.T.: -0.010 min
Response: 7482318
Conc: 42.69 ug/ml

Instrument :
FID_D
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PB143389BS



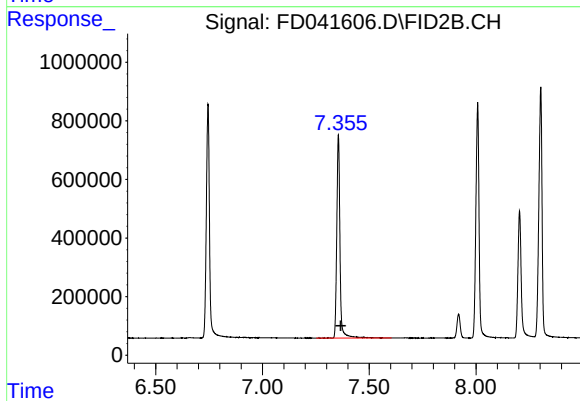
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.011 min
Response: 8481251
Conc: 46.50 ug/ml



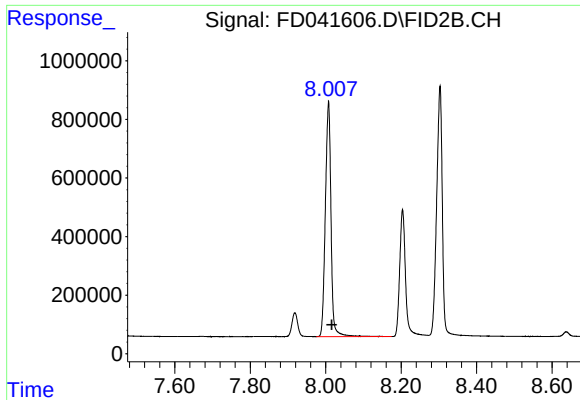
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: -0.010 min
Response: 8311974
Conc: 45.92 ug/ml



#4 2-Bromonaphthalene (SURR)

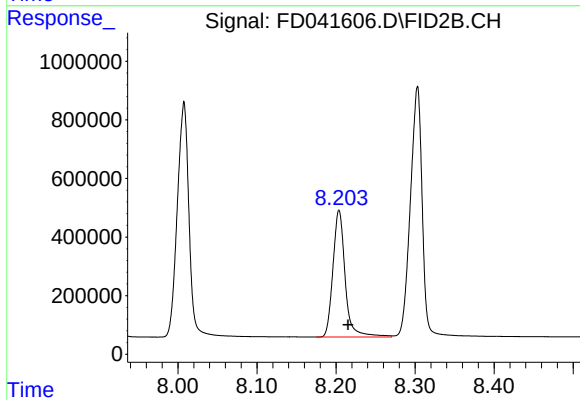
R.T.: 7.355 min
Delta R.T.: -0.011 min
Response: 7248113
Conc: 44.86 ug/ml



#5 Acenaphthylene (C15.06)

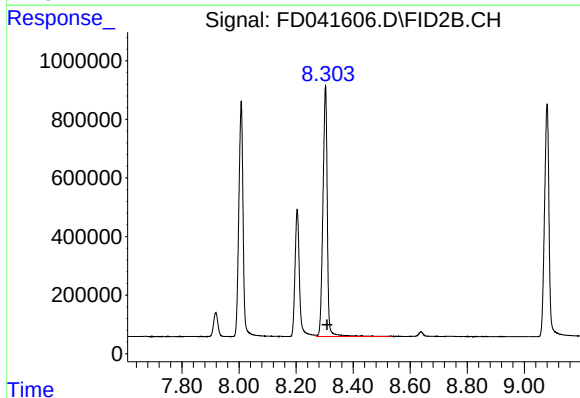
R.T.: 8.007 min
Delta R.T.: -0.009 min
Response: 8309462
Conc: 46.48 ug/ml

Instrument :
FID_D
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PB143389BS



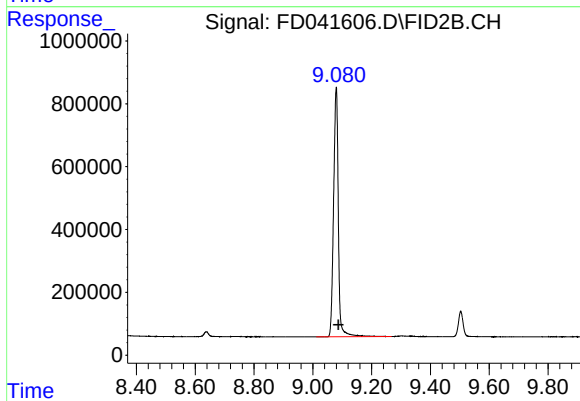
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min
Delta R.T.: -0.012 min
Response: 4669095
Conc: 44.85 ug/ml



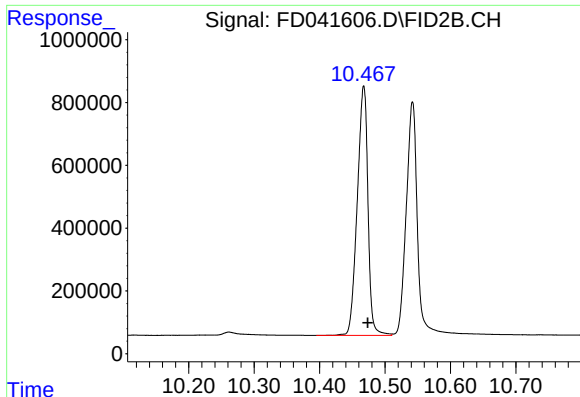
#7 Acenaphthene (C15.5)

R.T.: 8.303 min
Delta R.T.: -0.006 min
Response: 9085647
Conc: 47.53 ug/ml



#8 Flouorene (C16.55)

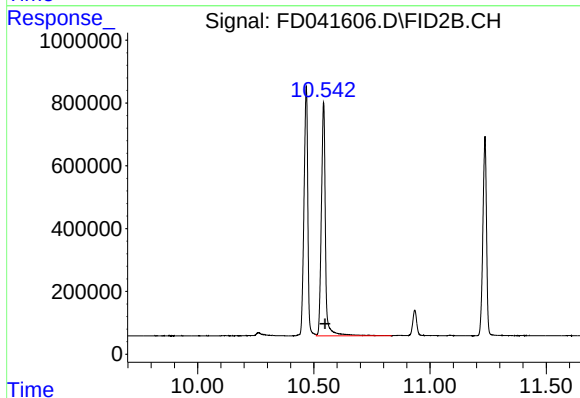
R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 8866108
Conc: 51.78 ug/ml



#9 Phenanthrene (C19.36)

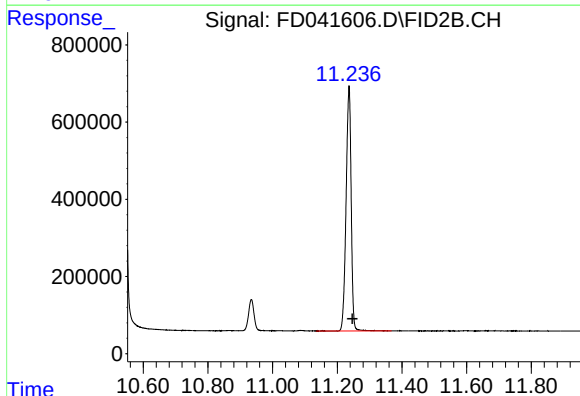
R.T.: 10.467 min
Delta R.T.: -0.007 min
Response: 9007116
Conc: 54.82 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143389BS



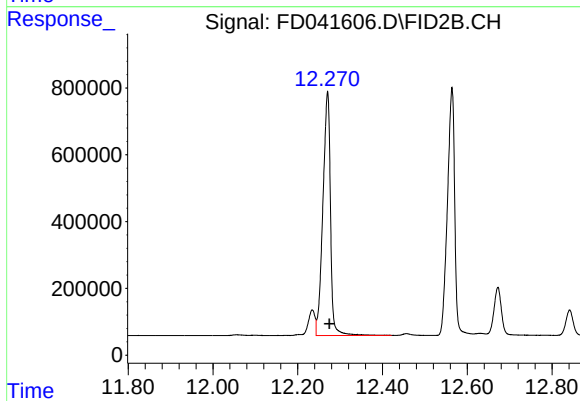
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: -0.007 min
Response: 9068656
Conc: 56.71 ug/ml



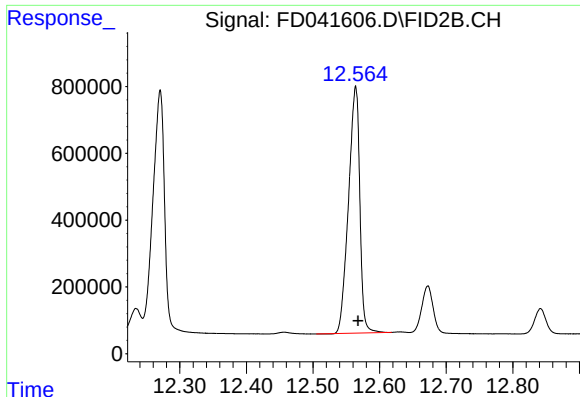
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: -0.010 min
Response: 6913332
Conc: 39.41 ug/ml



#12 Fluoranthene (C21.85)

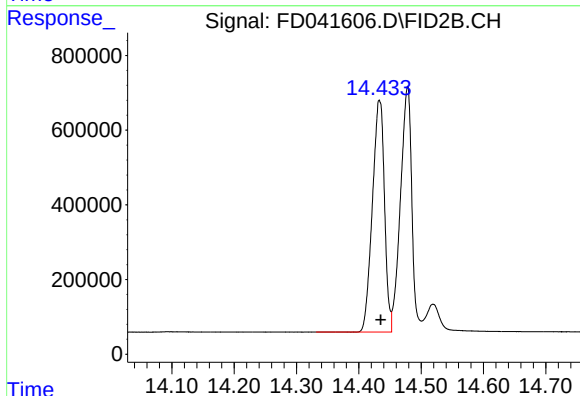
R.T.: 12.270 min
Delta R.T.: -0.005 min
Response: 9092624
Conc: 54.12 ug/ml



#13 Pyrene (C20.8)

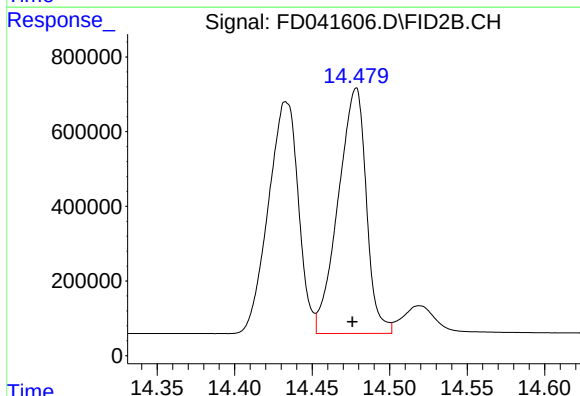
R.T.: 12.564 min
Delta R.T.: -0.004 min
Response: 8711692
Conc: 51.96 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143389BS



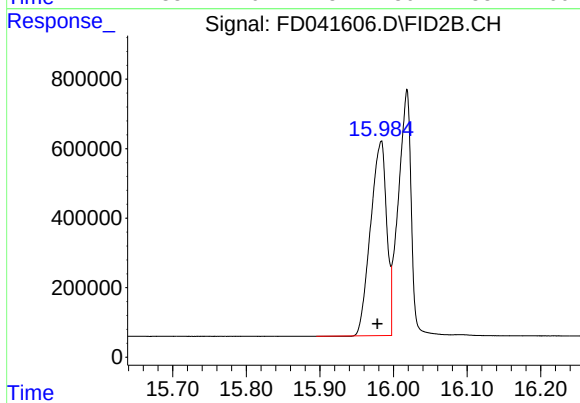
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: -0.002 min
Response: 8384724
Conc: 57.78 ug/ml



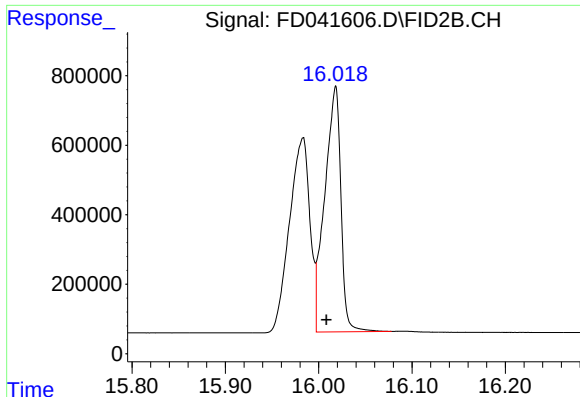
#15 Chrysene (C27.41)

R.T.: 14.478 min
Delta R.T.: 0.002 min
Response: 8298137
Conc: 50.39 ug/ml



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

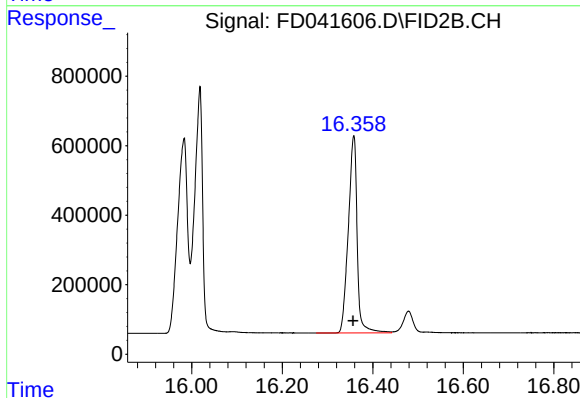
R.T.: 15.982 min
Delta R.T.: 0.004 min
Response: 8492197
Conc: 62.22 ug/ml



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

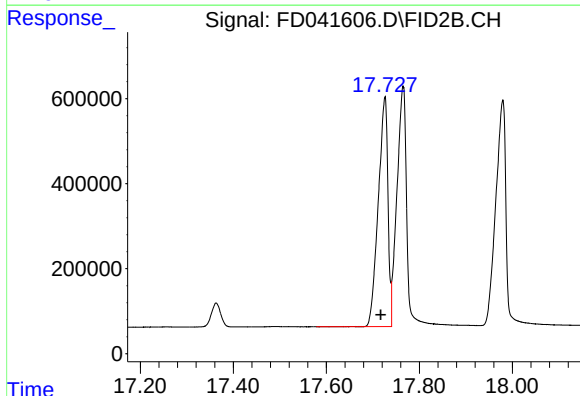
R.T.: 16.017 min
Delta R.T.: 0.009 min
Response: 8492951
Conc: 57.55 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143389BS



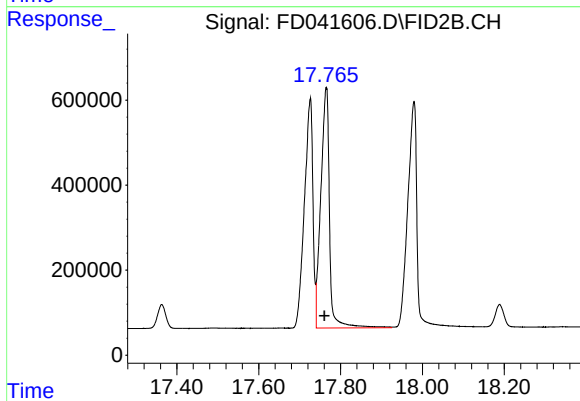
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min
Delta R.T.: 0.001 min
Response: 7724589
Conc: 58.75 ug/ml



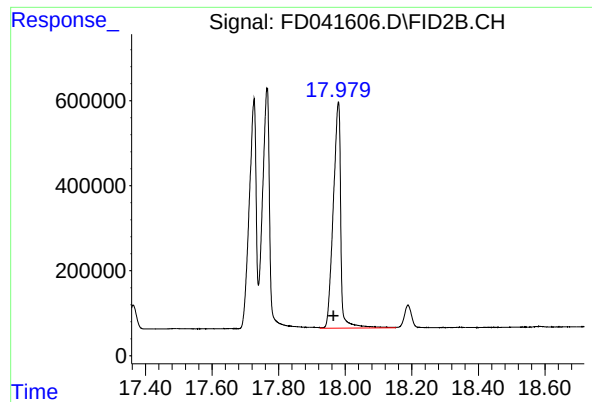
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.725 min
Delta R.T.: 0.008 min
Response: 7791856
Conc: 62.16 ug/ml



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

R.T.: 17.764 min
Delta R.T.: 0.004 min
Response: 8329455
Conc: 58.93 ug/ml



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

R.T.: 17.978 min
Delta R.T.: 0.013 min
Response: 8353766
Conc: 64.52 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143389BS