

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031622AR\
 Data File : FD041600.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2022 12:27
 Operator : UA/NP
 Sample : PB143398BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143398BSD

Integration File: autoint1.e
 Quant Time: Mar 17 14:25:29 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	6624807	41.001 ug/ml
Spiked Amount 50.000		Recovery =	82.00%
6) S 2-Fluorobiphenyl (SURR)	8.204	4273636	41.055 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.11%
11) S ortho-Terphenyl (SURR)	11.235	6315776	36.007 ug/ml
Spiked Amount 50.000		Recovery =	72.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	6886795	39.294 ug/ml
2) T Naphthalene (C11.7)	5.698	7478421	41.003 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	7672898	42.393 ug/ml
5) T Acenaphthylene (C15.06)	8.007	7595412	42.487 ug/ml
7) T Acenaphthene (C15.5)	8.302	8298708	43.415 ug/ml
8) T Flouorene (C16.55)	9.079	8119243	47.415 ug/ml
9) T Phenanthrene (C19.36)	10.465	8201686	49.922 ug/ml
10) T Anthracene (C19.43)	10.541	8156121	51.001 ug/ml
12) T Fluoranthene (C21.85)	12.269	8277251	49.265 ug/ml
13) T Pyrene (C20.8)	12.562	7924646	47.268 ug/ml
14) T Benzo[a]anthracene (C...	14.432	7684382	52.953 ug/ml
15) T Chrysene (C27.41)	14.475	7576465	46.009 ug/ml
16) T benzo[b]fluoranthene ...	15.980	7810914	57.230 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	8007098	54.260 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.355	7092892	53.942 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.722	7082057	56.495 ug/ml
20) T Dibenz[a,h]anthracene...	17.761	7741706	54.768 ug/ml
21) T Benzo[g,h,i]perylene ...	17.976	7624726	58.890 ug/ml

(f)=RT Delta > 1/2 Window

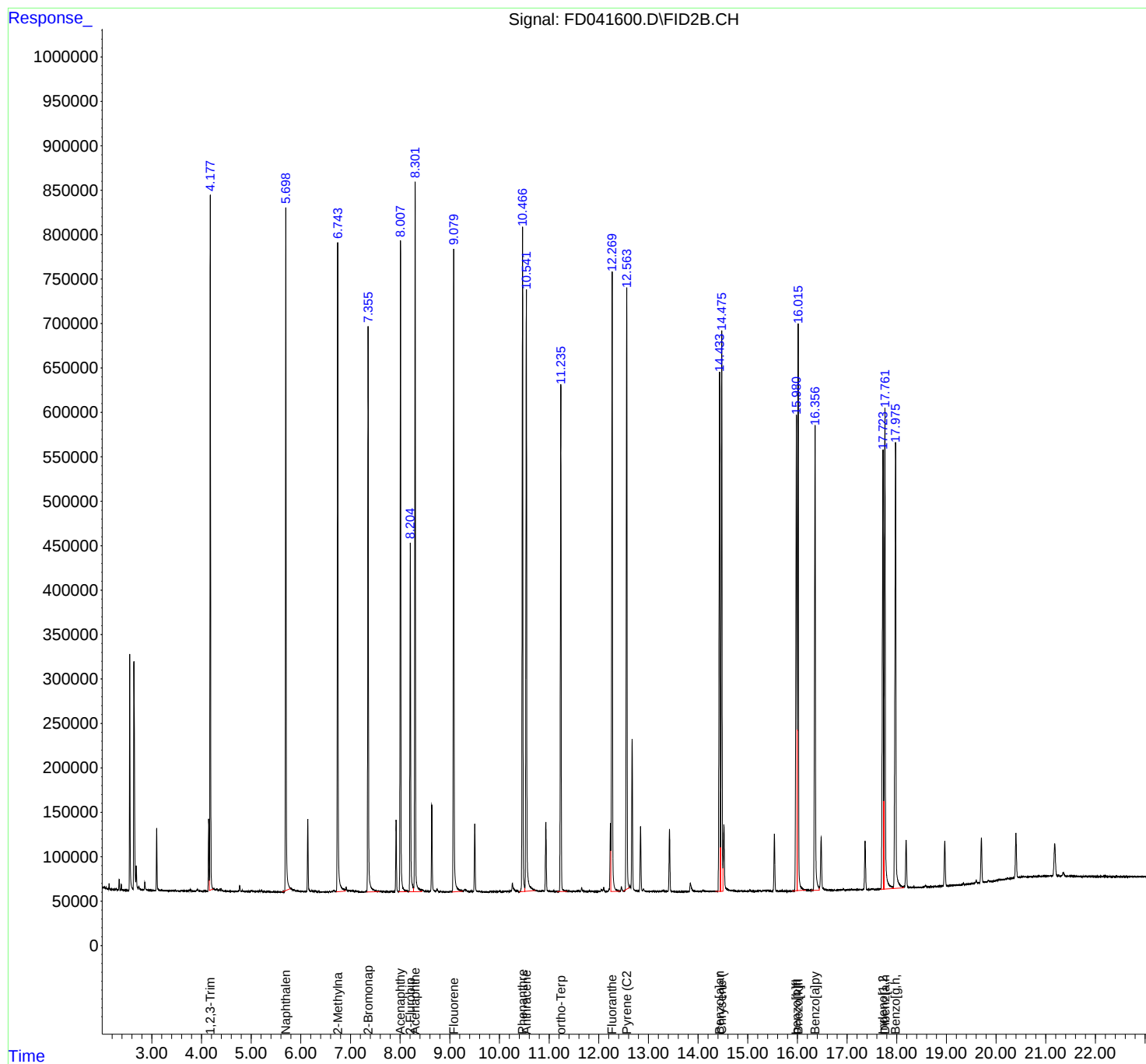
(m)=manual int.

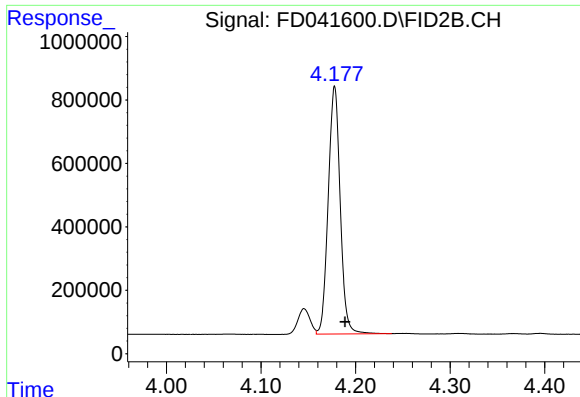
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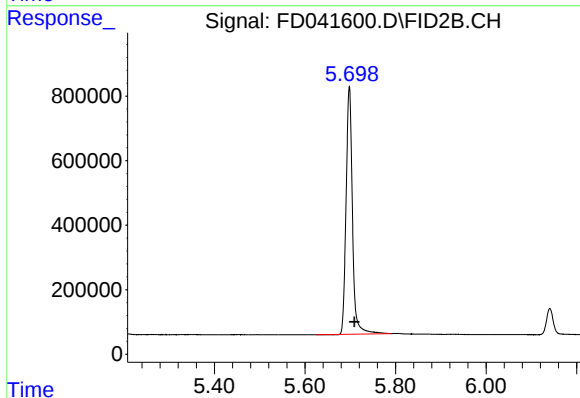




#1 1,2,3-Trimethylbenzene (C10.1)

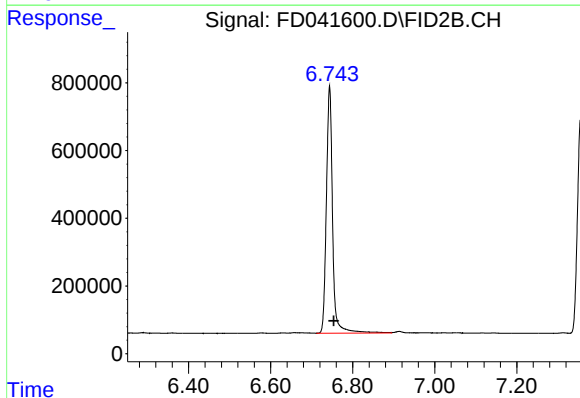
R.T.: 4.178 min
Delta R.T.: -0.011 min
Response: 6886795
Conc: 39.29 ug/ml

Instrument :
FID_D
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PB143398BSD



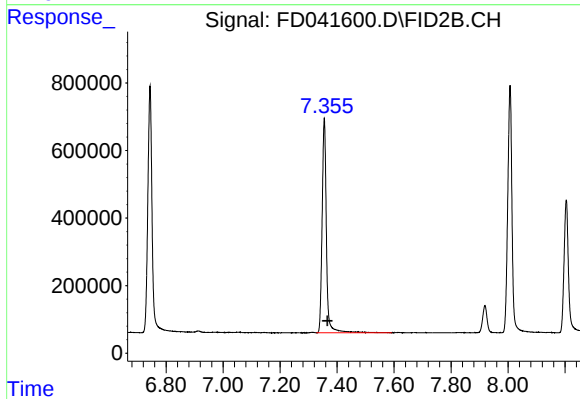
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: -0.011 min
Response: 7478421
Conc: 41.00 ug/ml



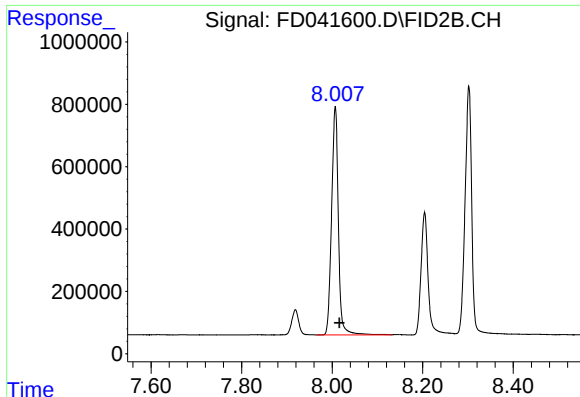
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: -0.011 min
Response: 7672898
Conc: 42.39 ug/ml



#4 2-Bromonaphthalene (SURR)

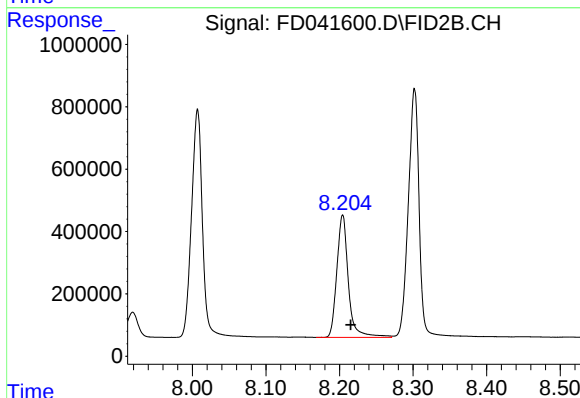
R.T.: 7.355 min
Delta R.T.: -0.011 min
Response: 6624807
Conc: 41.00 ug/ml



#5 Acenaphthylene (C15.06)

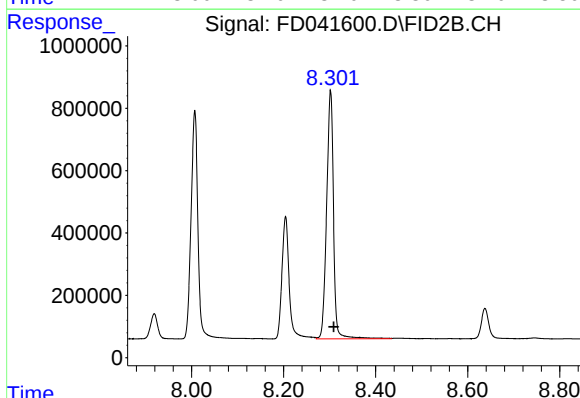
R.T.: 8.007 min
Delta R.T.: -0.009 min
Response: 7595412
Conc: 42.49 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143398BSD



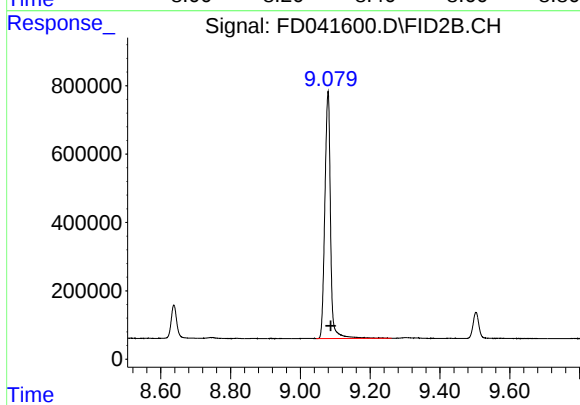
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min
Delta R.T.: -0.011 min
Response: 4273636
Conc: 41.05 ug/ml



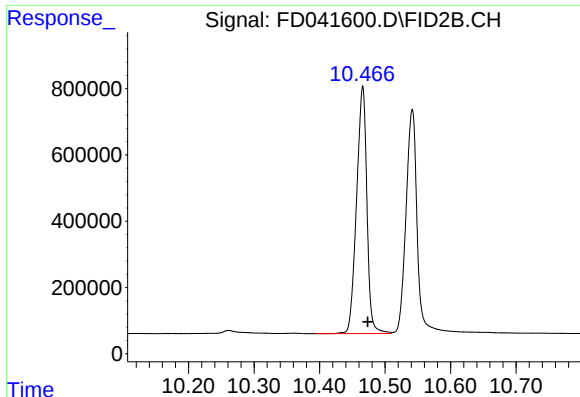
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: -0.007 min
Response: 8298708
Conc: 43.41 ug/ml



#8 Flouorene (C16.55)

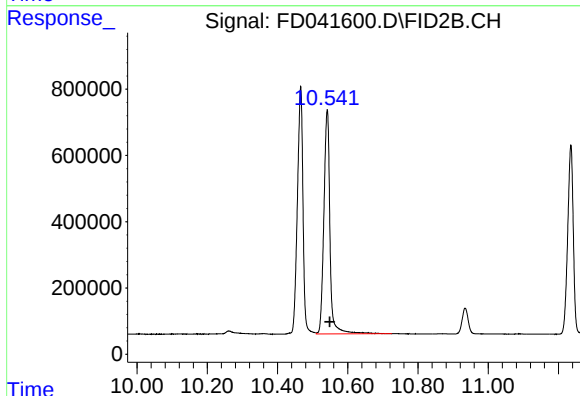
R.T.: 9.079 min
Delta R.T.: -0.009 min
Response: 8119243
Conc: 47.41 ug/ml



#9 Phenanthrene (C19.36)

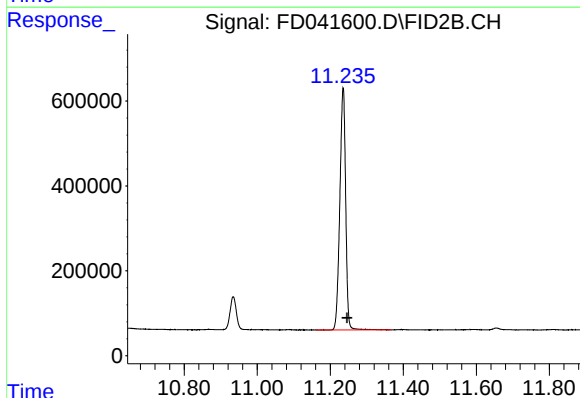
R.T.: 10.465 min
Delta R.T.: -0.008 min
Response: 8201686
Conc: 49.92 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143398BSD



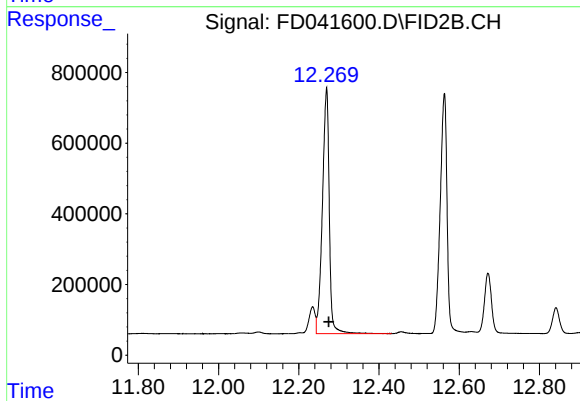
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.008 min
Response: 8156121
Conc: 51.00 ug/ml



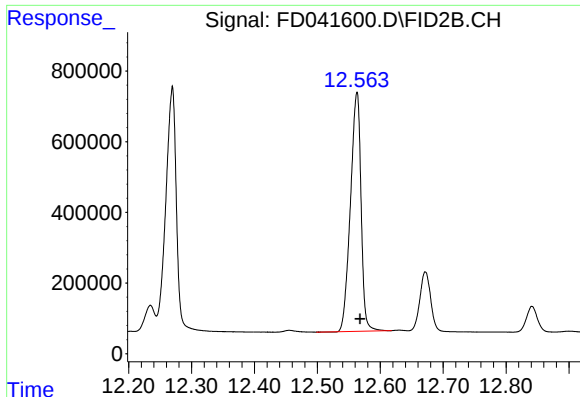
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: -0.011 min
Response: 6315776
Conc: 36.01 ug/ml



#12 Fluoranthene (C21.85)

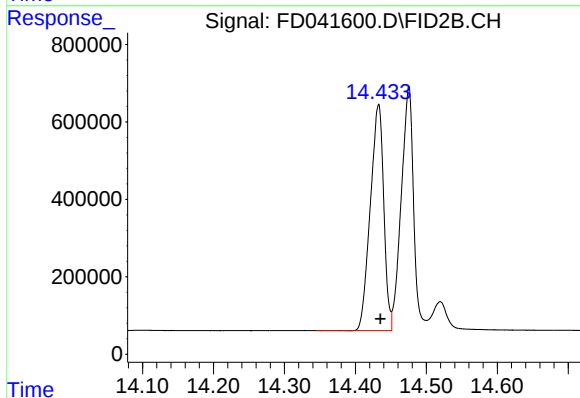
R.T.: 12.269 min
Delta R.T.: -0.006 min
Response: 8277251
Conc: 49.26 ug/ml



#13 Pyrene (C20.8)

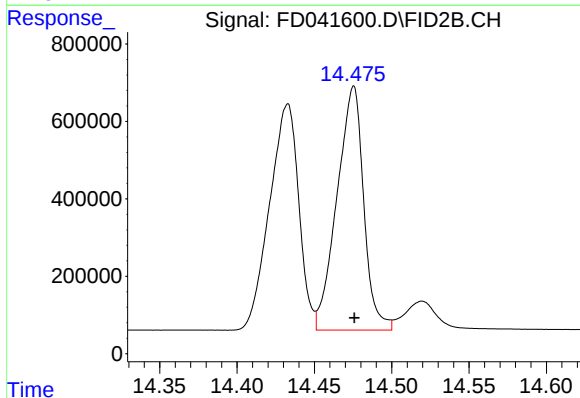
R.T.: 12.562 min
Delta R.T.: -0.006 min
Response: 7924646
Conc: 47.27 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143398BSD



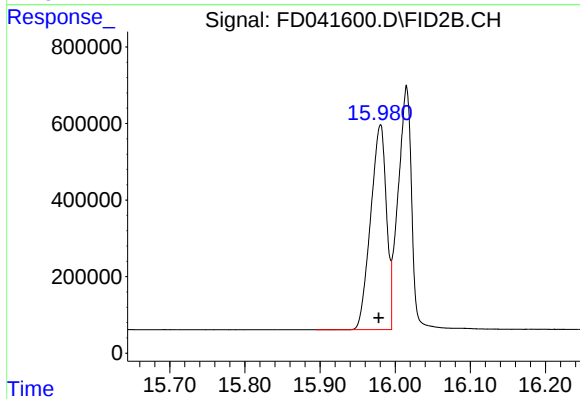
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: -0.003 min
Response: 7684382
Conc: 52.95 ug/ml



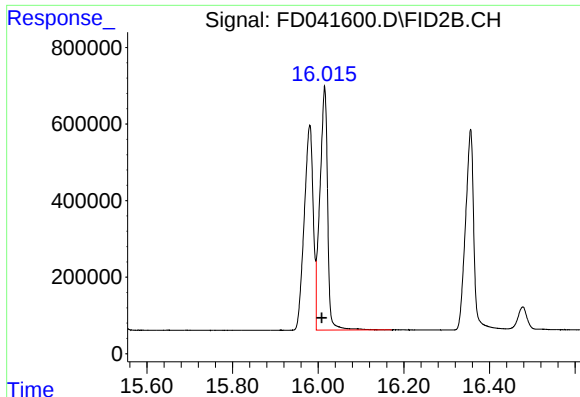
#15 Chrysene (C27.41)

R.T.: 14.475 min
Delta R.T.: -0.001 min
Response: 7576465
Conc: 46.01 ug/ml



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

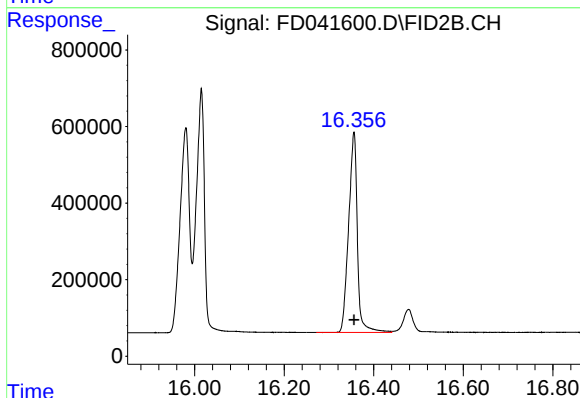
R.T.: 15.980 min
Delta R.T.: 0.002 min
Response: 7810914
Conc: 57.23 ug/ml



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

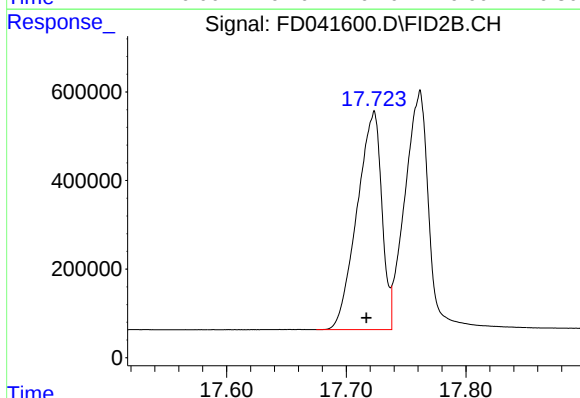
R.T.: 16.015 min
Delta R.T.: 0.006 min
Response: 8007098
Conc: 54.26 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143398BSD



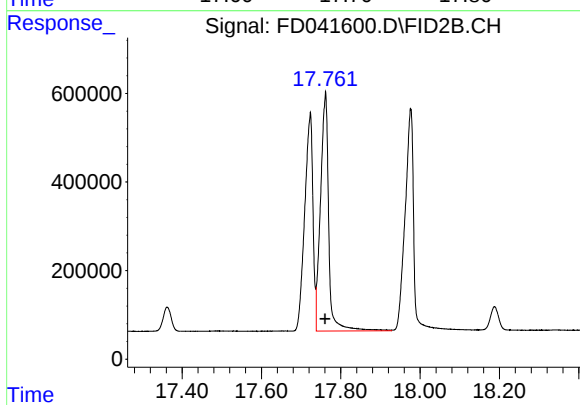
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.355 min
Delta R.T.: 0.000 min
Response: 7092892
Conc: 53.94 ug/ml



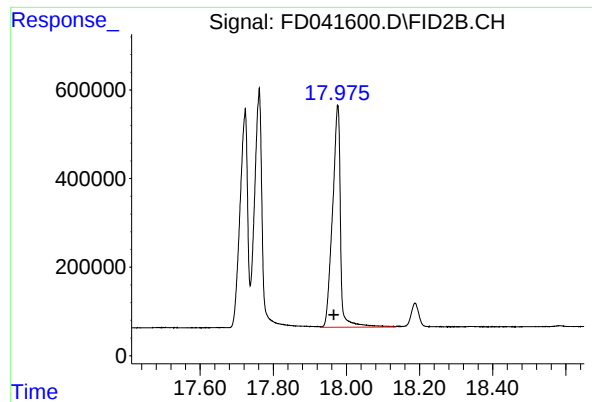
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.722 min
Delta R.T.: 0.005 min
Response: 7082057
Conc: 56.49 ug/ml



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

R.T.: 17.761 min
Delta R.T.: 0.000 min
Response: 7741706
Conc: 54.77 ug/ml



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

R.T.: 17.976 min
Delta R.T.: 0.010 min
Response: 7624726
Conc: 58.89 ug/ml

Instrument :

FID_D

ClientSampleId :

PB143398BSD