

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101121AR\
 Data File : FD039070.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2021 15:28
 Operator : AJ\MA
 Sample : M4134-01D
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 12 02:53:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

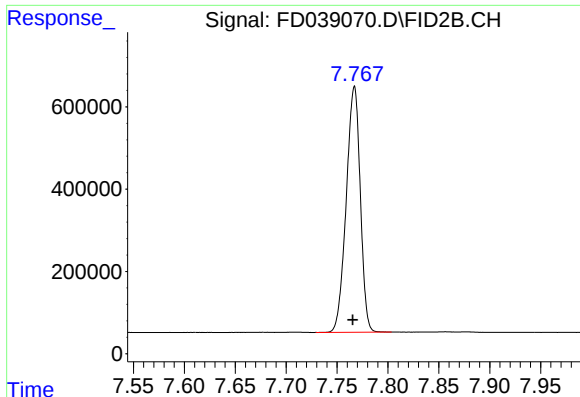
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.767	5744165	44.011 ug/ml
Spiked Amount 50.000		Recovery =	88.02%
6) S 2-Fluorobiphenyl (SURR)	8.636	3825125	42.977 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.95%
11) S ortho-Terphenyl (SURR)	11.681	5134786	37.370 ug/ml
Spiked Amount 50.000		Recovery =	74.74%
Target Compounds			
9) T Phenanthrene (C19.36)	10.914	527087	3.800 ug/ml
10) T Anthracene (C19.43)	10.988	142703	1.044 ug/ml
12) T Fluoranthene (C21.85)	12.729	823903	5.993 ug/ml
13) T Pyrene (C20.8)	13.028	784611	5.855 ug/ml
14) T Benzo[a]anthracene (C...	14.898	409113	3.363 ug/ml
15) T Chrysene (C27.41)	14.939	397315	3.127 ug/ml
16) T benzo[b]fluoranthene ...	16.451	250662	2.118 ug/ml
17) T Bnezo[k]fluoranthene ...	16.451	250662	2.131 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.828	305994	2.674 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.190	136098	1.251 ug/ml
20) T Dibenz[a,h]anthracene...	18.190	136098	1.281 ug/ml
21) T Benzo[g,h,i]perylene ...	18.443	166384	1.537 ug/ml

(f)=RT Delta > 1/2 Window

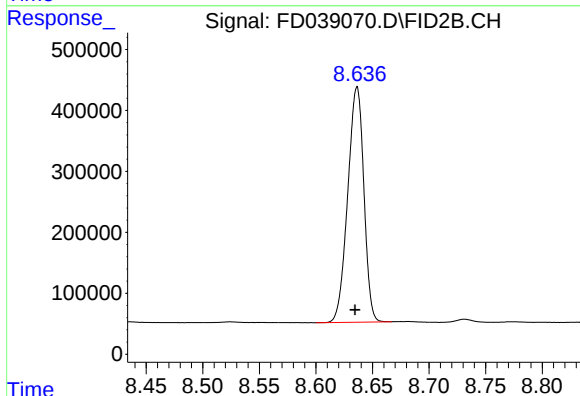
(m)=manual int.



#4 2-Bromonaphthalene (SURRE)

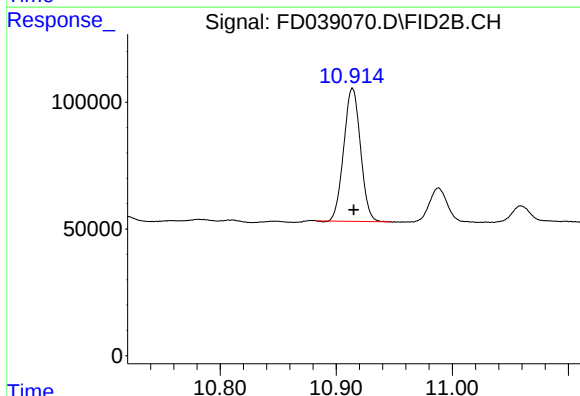
R.T.: 7.767 min
Delta R.T.: 0.002 min
Response: 5744165
Conc: 44.01 ug/ml

Instrument :
FID_D
ClientSampleId :



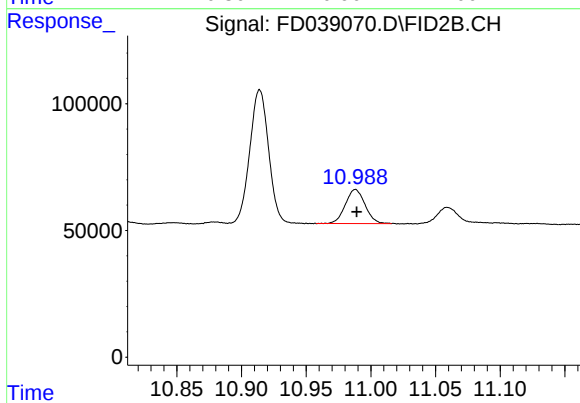
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.636 min
Delta R.T.: 0.002 min
Response: 3825125
Conc: 42.98 ug/ml



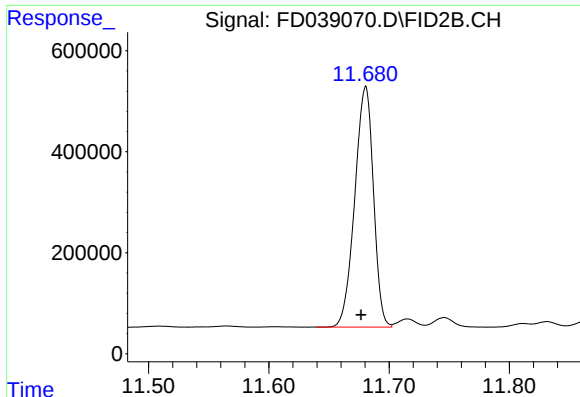
#9 Phenanthrene (C19.36)

R.T.: 10.914 min
Delta R.T.: 0.000 min
Response: 527087
Conc: 3.80 ug/ml



#10 Anthracene (C19.43)

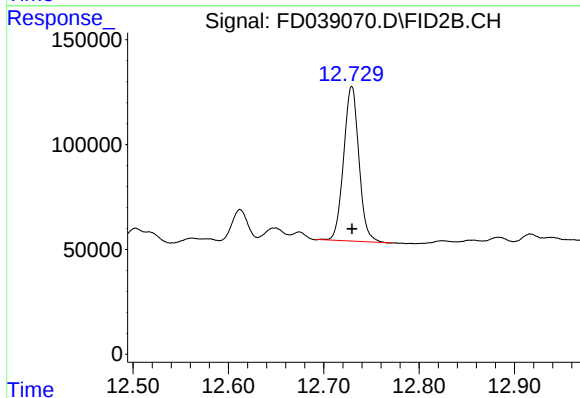
R.T.: 10.988 min
Delta R.T.: 0.000 min
Response: 142703
Conc: 1.04 ug/ml



#11 ortho-Terphenyl (SURR)

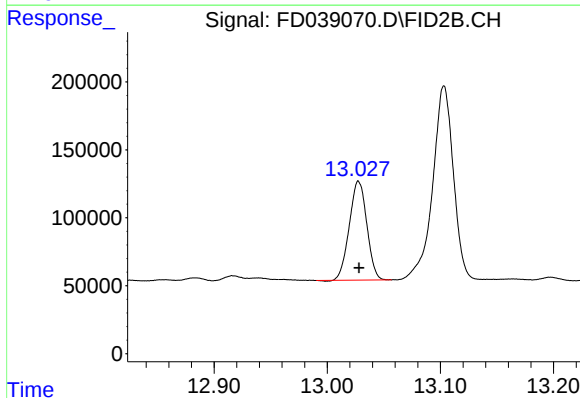
R.T.: 11.681 min
Delta R.T.: 0.004 min
Response: 5134786
Conc: 37.37 ug/ml

Instrument :
FID_D
ClientSampleId :



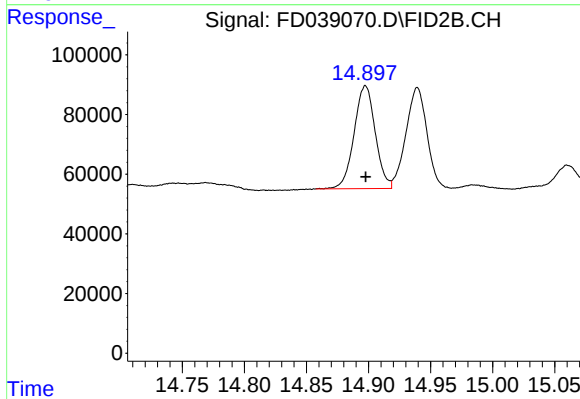
#12 Fluoranthene (C21.85)

R.T.: 12.729 min
Delta R.T.: 0.000 min
Response: 823903
Conc: 5.99 ug/ml



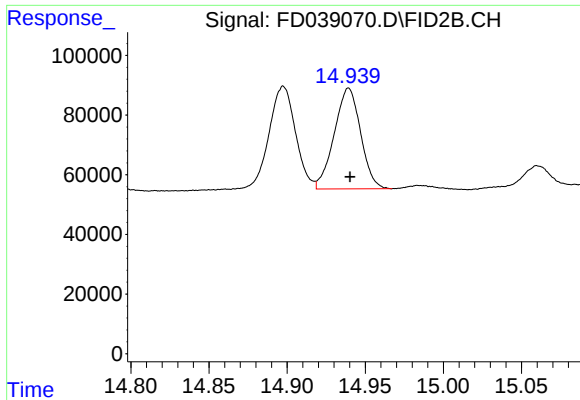
#13 Pyrene (C20.8)

R.T.: 13.028 min
Delta R.T.: 0.000 min
Response: 784611
Conc: 5.85 ug/ml



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

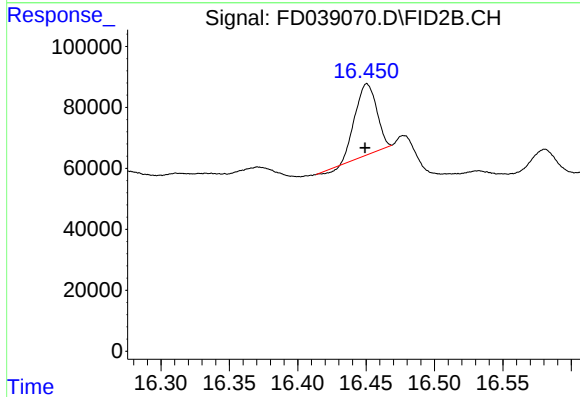
R.T.: 14.898 min
Delta R.T.: 0.000 min
Response: 409113
Conc: 3.36 ug/ml



#15 Chrysene (C27.41)

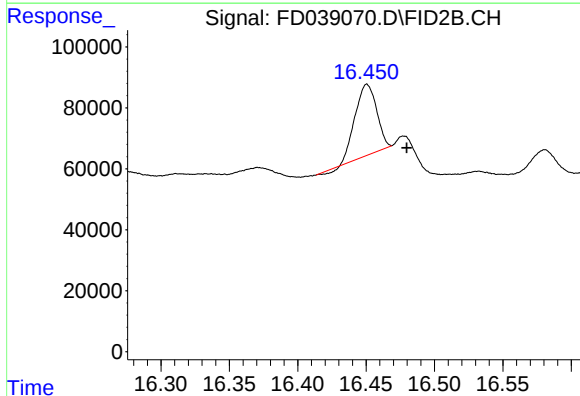
R.T.: 14.939 min
Delta R.T.: 0.000 min
Response: 397315
Conc: 3.13 ug/ml

Instrument :
FID_D
ClientSampleId :



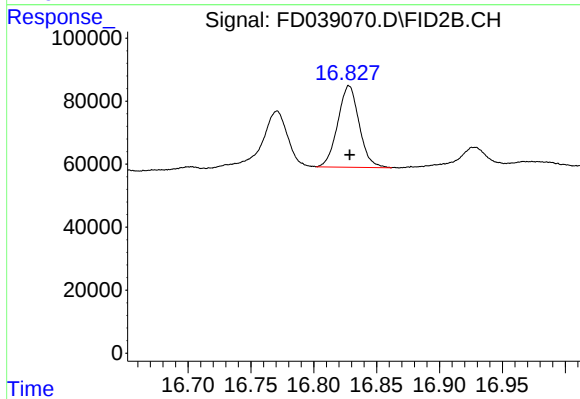
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.451 min
Delta R.T.: 0.002 min
Response: 250662
Conc: 2.12 ug/ml



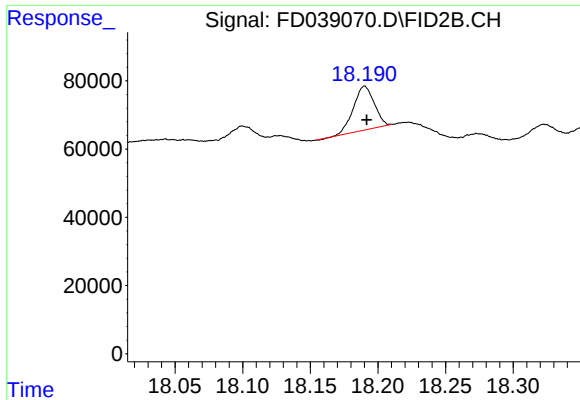
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.451 min
Delta R.T.: -0.029 min
Response: 250662
Conc: 2.13 ug/ml



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

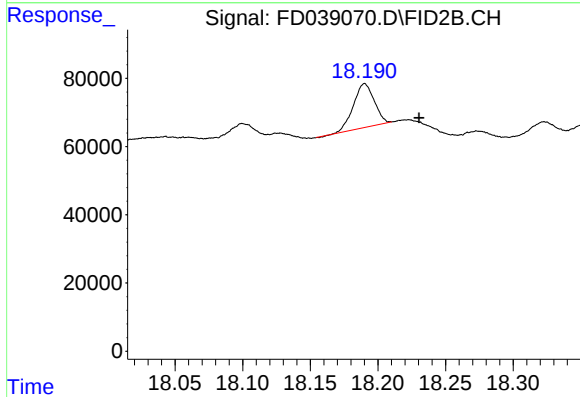
R.T.: 16.828 min
Delta R.T.: 0.000 min
Response: 305994
Conc: 2.67 ug/ml



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

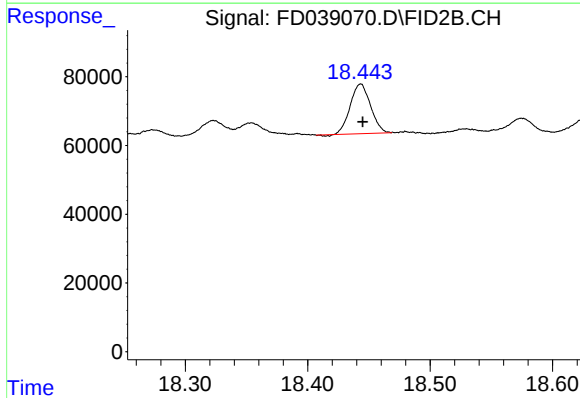
R.T.: 18.190 min
Delta R.T.: -0.001 min
Response: 136098
Conc: 1.25 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.190 min
Delta R.T.: -0.040 min
Response: 136098
Conc: 1.28 ug/ml



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

R.T.: 18.443 min
Delta R.T.: -0.002 min
Response: 166384
Conc: 1.54 ug/ml