

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101121AR\
 Data File : FD039069.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2021 14:47
 Operator : AJ\MA
 Sample : M4134-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 12 02:52:49 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	5662440	43.384 ug/ml
Spiked Amount 50.000		Recovery =	86.77%
6) S 2-Fluorobiphenyl (SURR)	8.636	3776005	42.425 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.85%
11) S ortho-Terphenyl (SURR)	11.680	5077242	36.951 ug/ml
Spiked Amount 50.000		Recovery =	73.90%
Target Compounds			
9) T Phenanthrene (C19.36)	10.913	520917	3.756 ug/ml
10) T Anthracene (C19.43)	10.987	139984	1.024 ug/ml
12) T Fluoranthene (C21.85)	12.729	821509	5.975 ug/ml
13) T Pyrene (C20.8)	13.027	780020	5.820 ug/ml
14) T Benzo[a]anthracene (C...	14.897	405613	3.334 ug/ml
15) T Chrysene (C27.41)	14.938	395165	3.110 ug/ml
16) T benzo[b]fluoranthene ...	16.451	238322	2.014 ug/ml
17) T Bnezo[k]fluoranthene ...	16.451	238322	2.026 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.828	303813	2.654 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.191	131734	1.211 ug/ml
20) T Dibenz[a,h]anthracene...	18.191	131734	1.240 ug/ml
21) T Benzo[g,h,i]perylene ...	18.445	170826	1.578 ug/ml

(f)=RT Delta > 1/2 Window

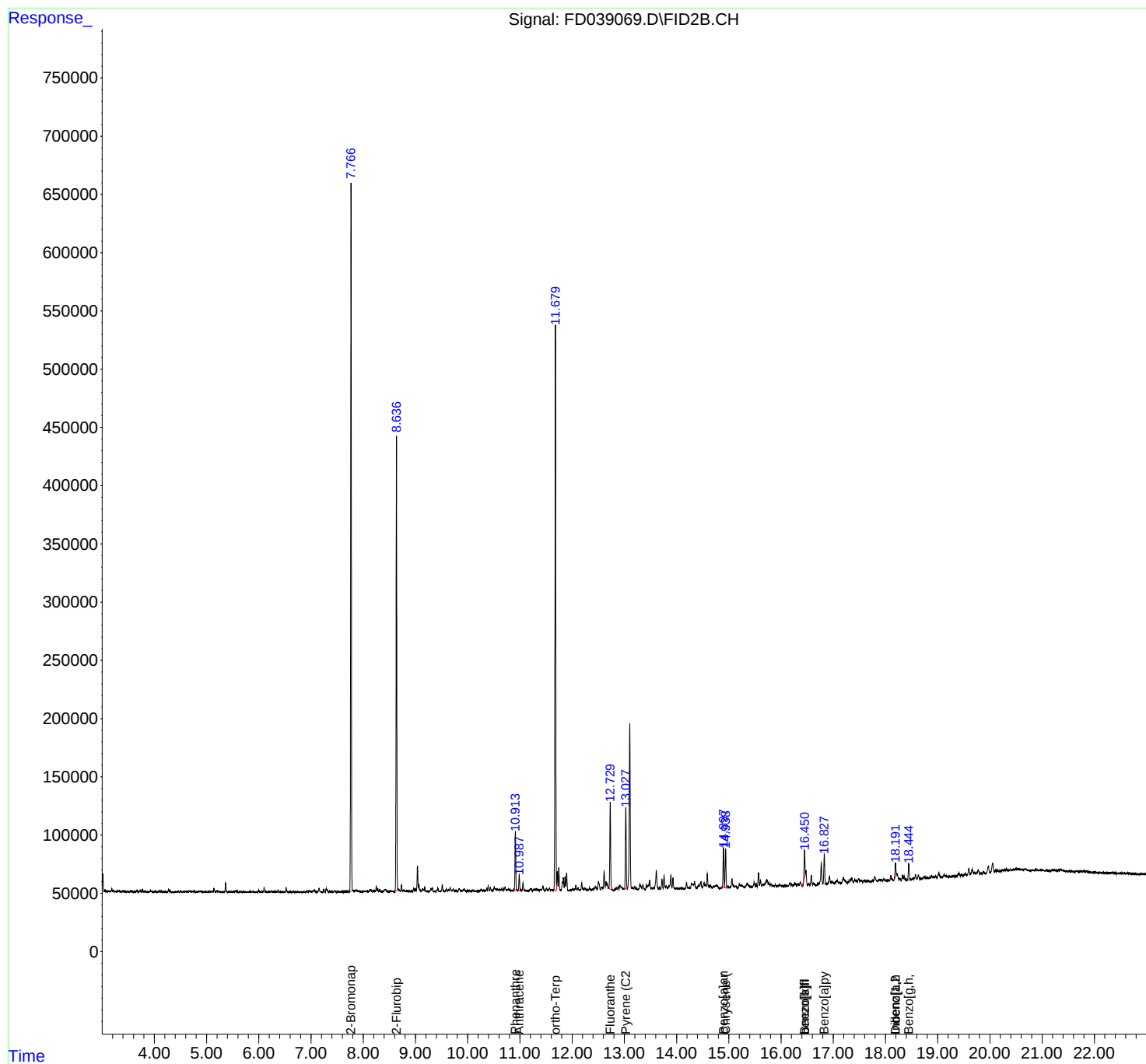
(m)=manual int.

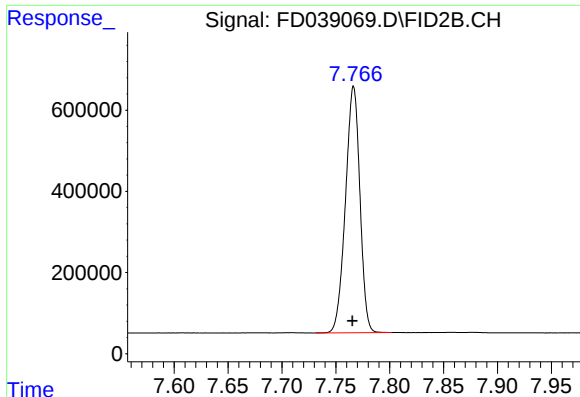
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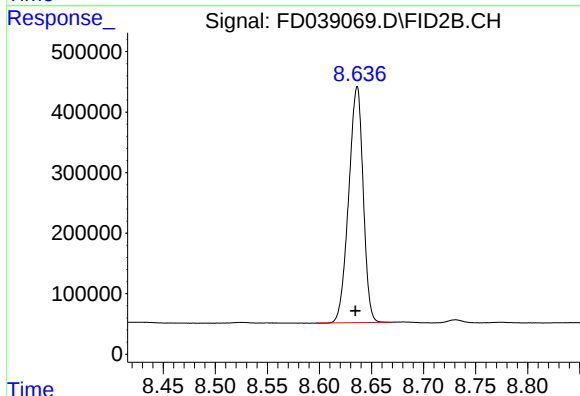




#4 2-Bromonaphthalene (SURR)

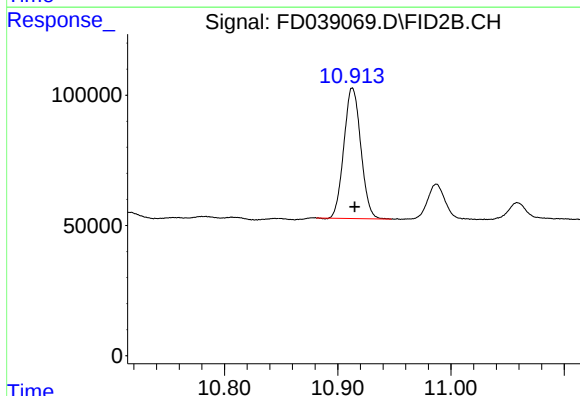
R.T.: 7.767 min
Delta R.T.: 0.001 min
Response: 5662440
Conc: 43.38 ug/ml

Instrument :
FID_D
ClientSampleId :



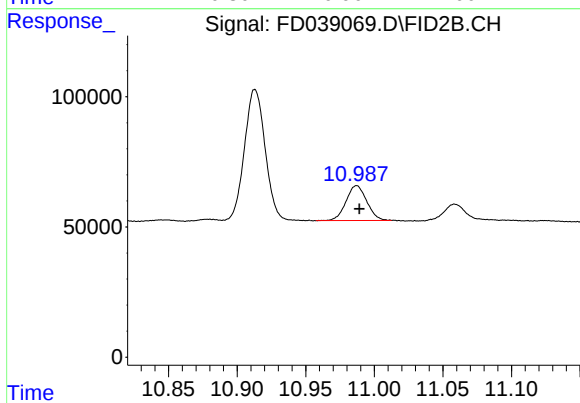
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.636 min
Delta R.T.: 0.002 min
Response: 3776005
Conc: 42.42 ug/ml



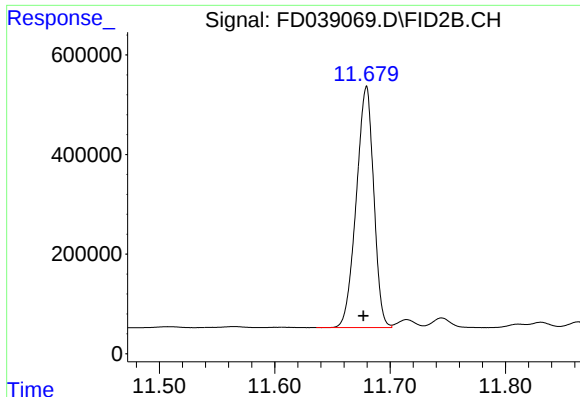
#9 Phenanthrene (C19.36)

R.T.: 10.913 min
Delta R.T.: -0.002 min
Response: 520917
Conc: 3.76 ug/ml



#10 Anthracene (C19.43)

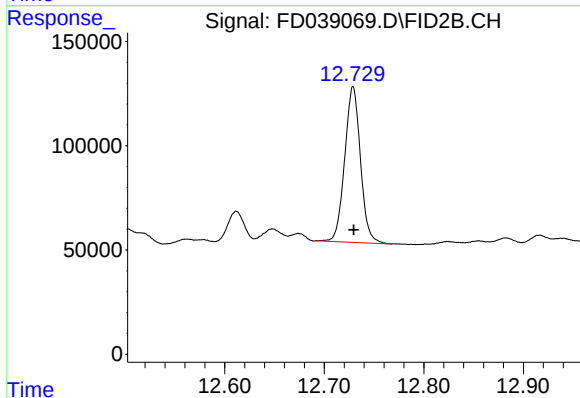
R.T.: 10.987 min
Delta R.T.: -0.002 min
Response: 139984
Conc: 1.02 ug/ml



#11 ortho-Terphenyl (SURR)

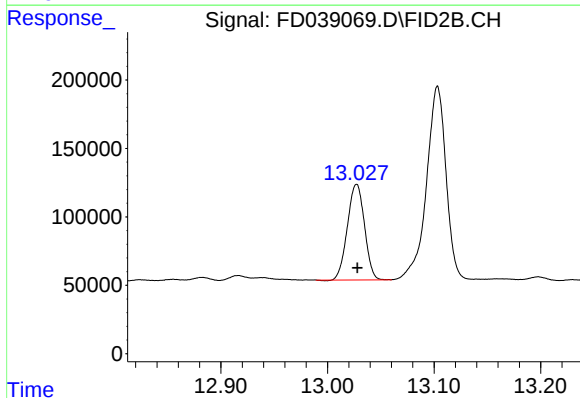
R.T.: 11.680 min
Delta R.T.: 0.003 min
Response: 5077242
Conc: 36.95 ug/ml

Instrument :
FID_D
ClientSampleId :



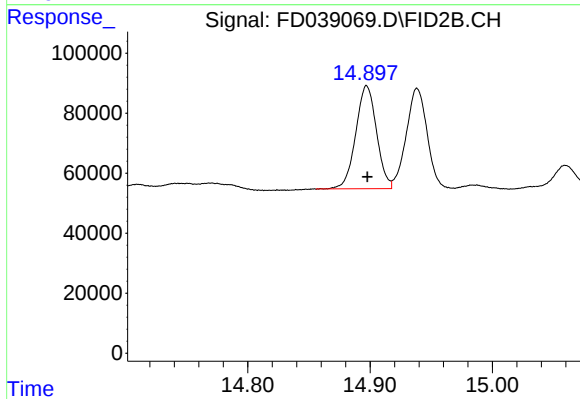
#12 Fluoranthene (C21.85)

R.T.: 12.729 min
Delta R.T.: 0.000 min
Response: 821509
Conc: 5.98 ug/ml



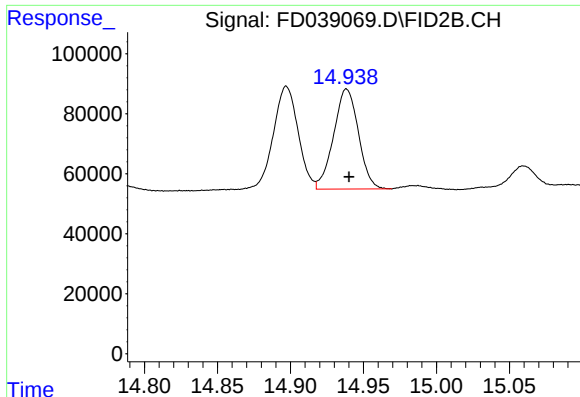
#13 Pyrene (C20.8)

R.T.: 13.027 min
Delta R.T.: 0.000 min
Response: 780020
Conc: 5.82 ug/ml



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

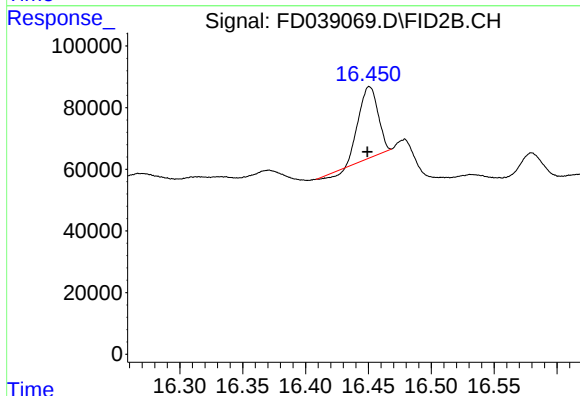
R.T.: 14.897 min
Delta R.T.: 0.000 min
Response: 405613
Conc: 3.33 ug/ml



#15 Chrysene (C27.41)

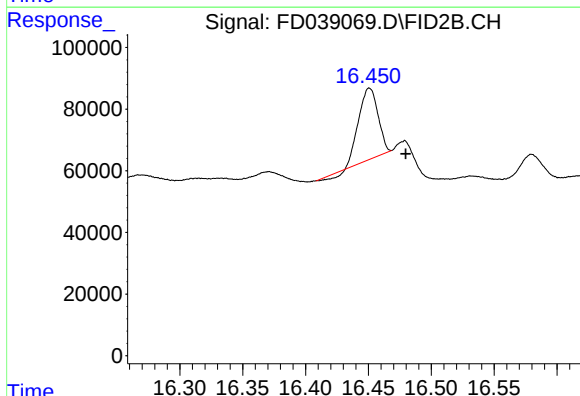
R.T.: 14.938 min
Delta R.T.: -0.002 min
Response: 395165
Conc: 3.11 ug/ml

Instrument :
FID_D
ClientSampleId :



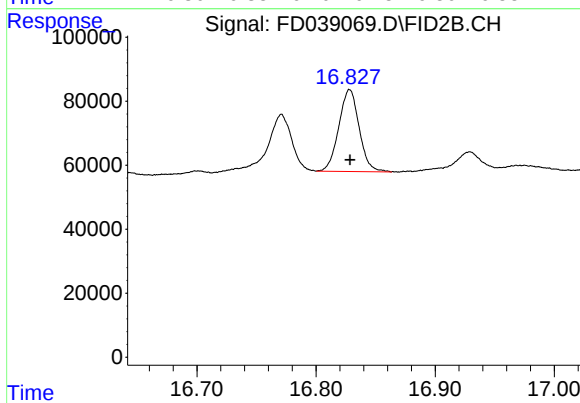
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.451 min
Delta R.T.: 0.002 min
Response: 238322
Conc: 2.01 ug/ml



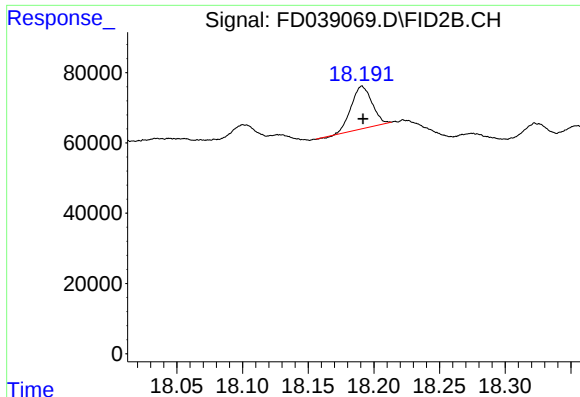
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.451 min
Delta R.T.: -0.029 min
Response: 238322
Conc: 2.03 ug/ml



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

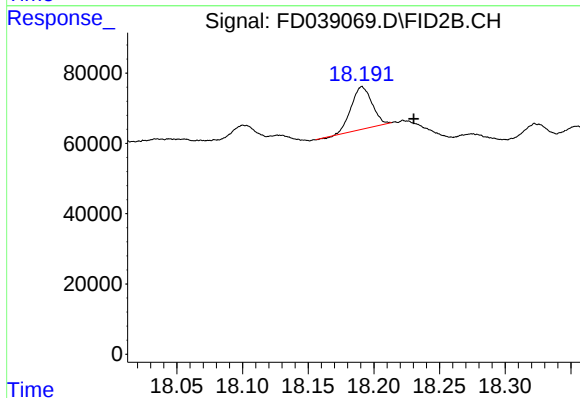
R.T.: 16.828 min
Delta R.T.: 0.000 min
Response: 303813
Conc: 2.65 ug/ml



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

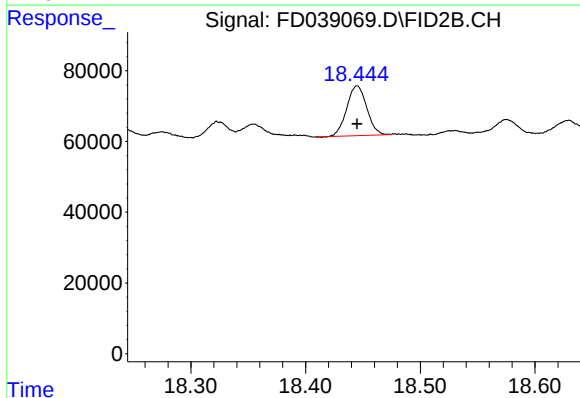
R.T.: 18.191 min
Delta R.T.: 0.000 min
Response: 131734
Conc: 1.21 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.191 min
Delta R.T.: -0.040 min
Response: 131734
Conc: 1.24 ug/ml



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

R.T.: 18.445 min
Delta R.T.: 0.000 min
Response: 170826
Conc: 1.58 ug/ml