

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041787.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 20:12
 Operator : UA/NP
 Sample : N2155-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:22:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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...	7.348	6386709	39.820 ug/ml
Spiked Amount 50.000		Recovery =	79.64%
6) S 2-Fluorobiphenyl (SURR)	8.197	4064143	41.128 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.26%
11) S ortho-Terphenyl (SURR)	11.229	5920353	30.455 ug/ml
Spiked Amount 50.000		Recovery =	60.91%
Target Compounds			
7) T Acenaphthene (C15.5)	8.294	232377	1.210 ug/ml
9) T Phenanthrene (C19.36)	10.461	540516	3.099 ug/ml
10) T Anthracene (C19.43)	10.550	136430	0.750 ug/ml
12) T Fluoranthene (C21.85)	12.261	626715	3.550 ug/ml
13) T Pyrene (C20.8)	12.554	489927	2.898 ug/ml
14) T Benzo[a]anthracene (C...	14.431	181054	1.211 ug/ml
15) T Chrysene (C27.41)	14.469	284069	1.578 ug/ml
16) T benzo[b]fluoranthene ...	15.977	278712	1.879 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	138349	0.837 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	140320	0.998 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	187707	1.704 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	129745	0.896 ug/ml
21) T Benzo[g,h,i]perylene ...	17.970	113901	0.858 ug/ml

(f)=RT Delta > 1/2 Window

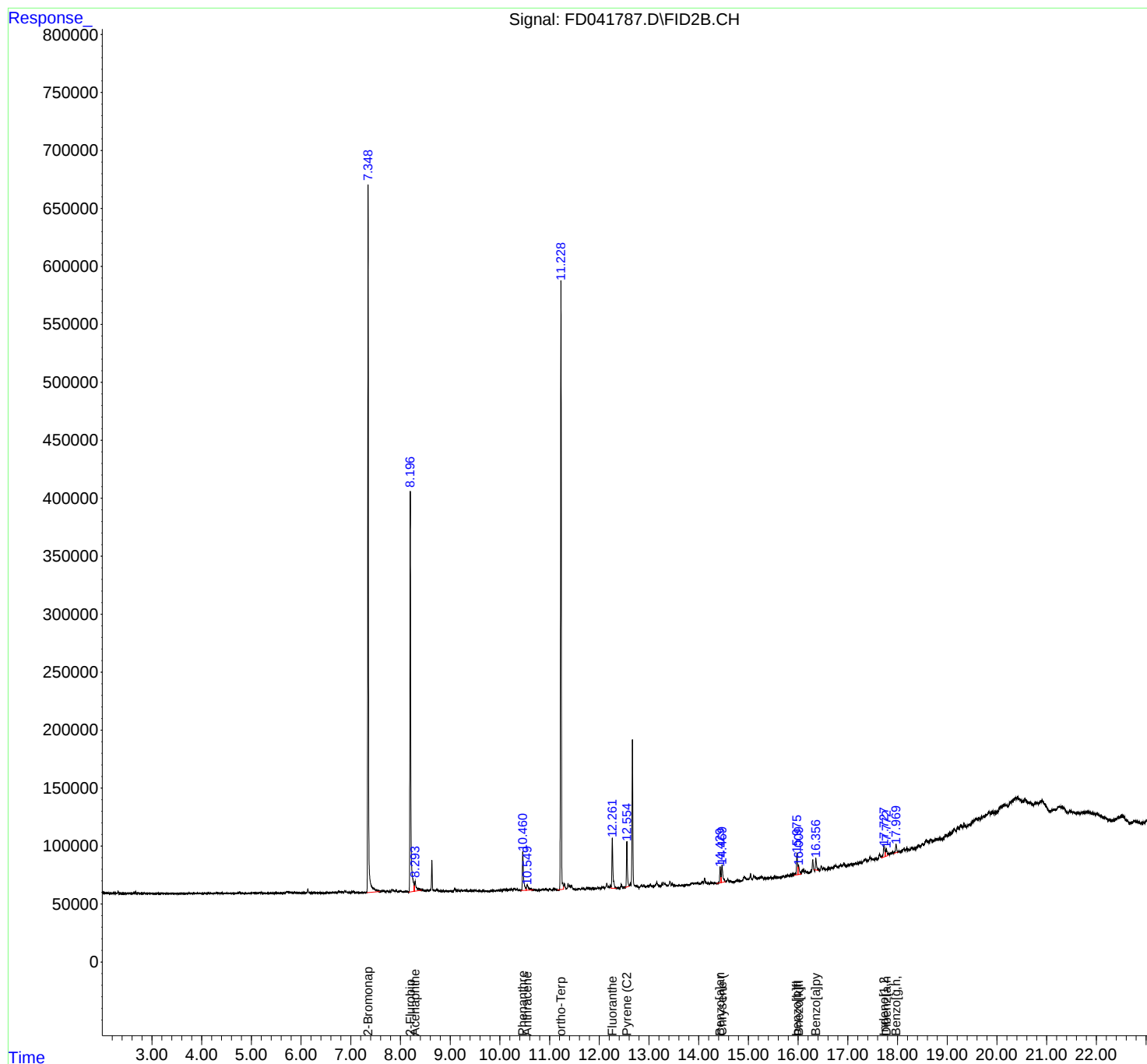
(m)=manual int.

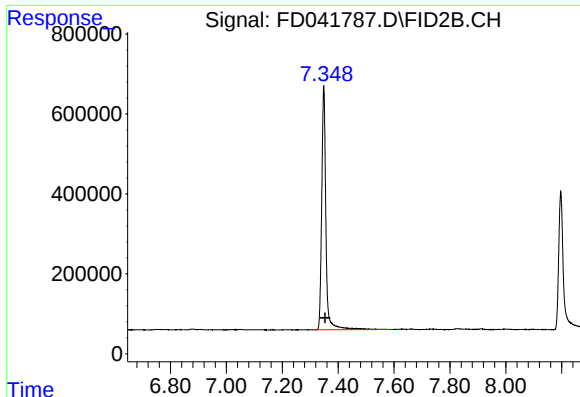
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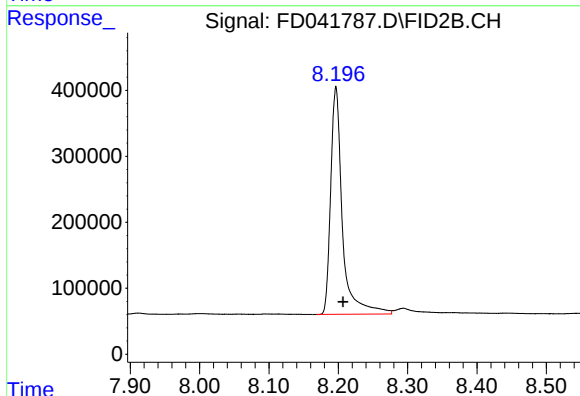




#4 2-Bromonaphthalene (SURRE)

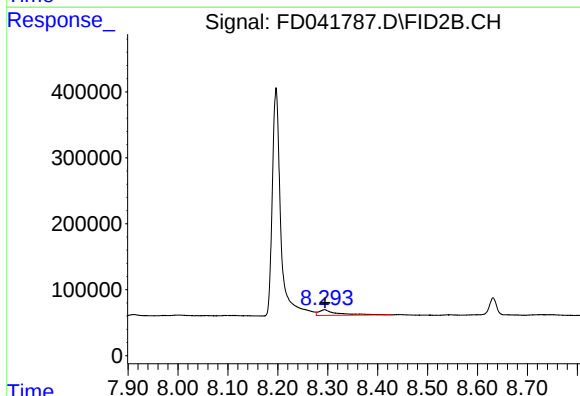
R.T.: 7.348 min
Delta R.T.: -0.004 min
Response: 6386709
Conc: 39.82 ug/ml

Instrument :
FID_D
ClientSampleId :



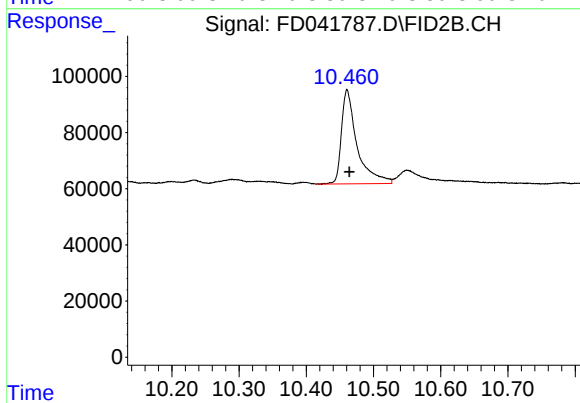
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 4064143
Conc: 41.13 ug/ml



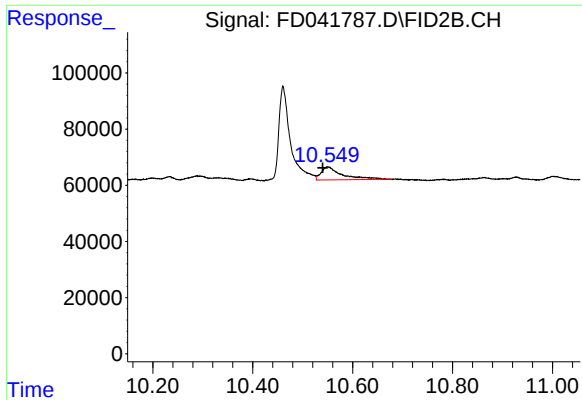
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.002 min
Response: 232377
Conc: 1.21 ug/ml



#9 Phenanthrene (C19.36)

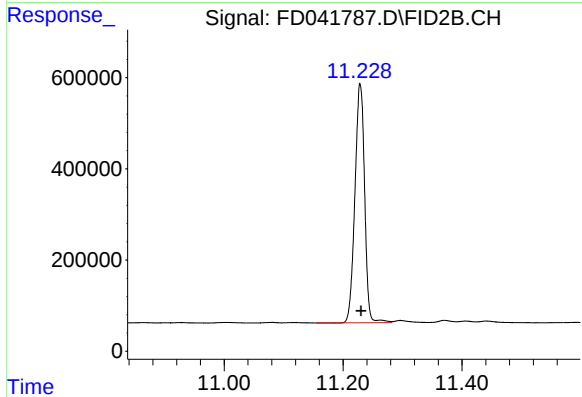
R.T.: 10.461 min
Delta R.T.: -0.003 min
Response: 540516
Conc: 3.10 ug/ml



#10 Anthracene (C19.43)

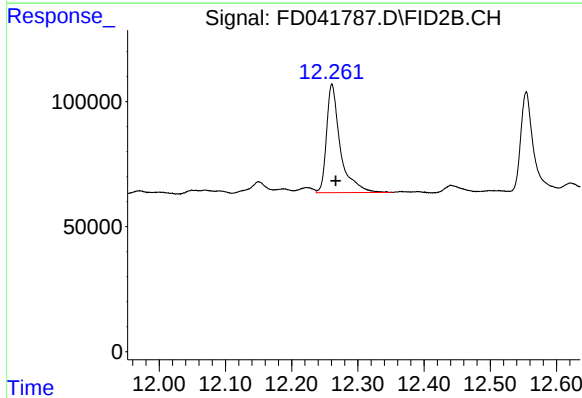
R.T.: 10.550 min
Delta R.T.: 0.010 min
Response: 136430
Conc: 0.75 ug/ml

Instrument :
FID_D
ClientSampleId :



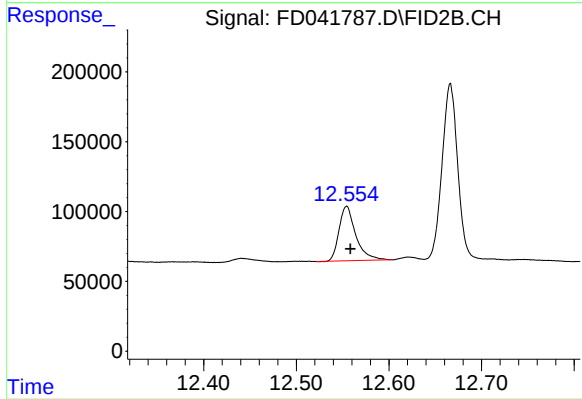
#11 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: -0.001 min
Response: 5920353
Conc: 30.46 ug/ml



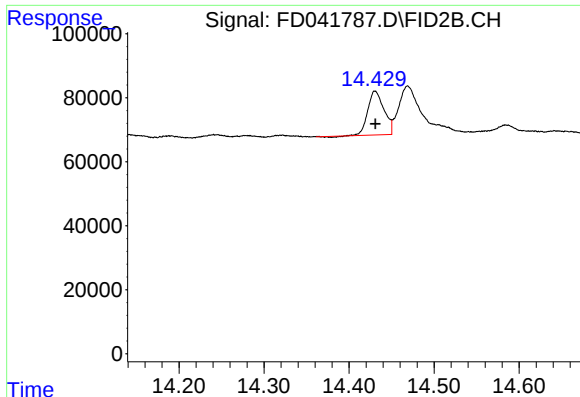
#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: -0.005 min
Response: 626715
Conc: 3.55 ug/ml



#13 Pyrene (C20.8)

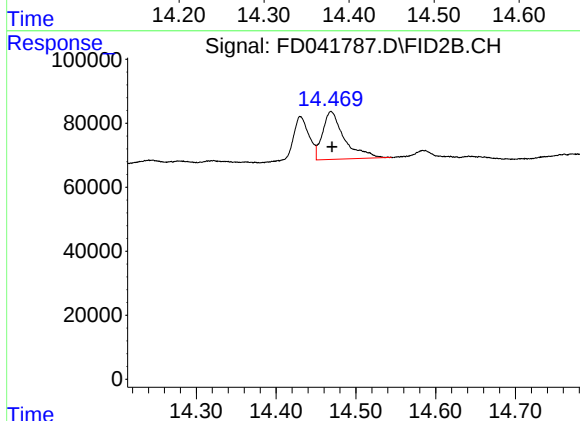
R.T.: 12.554 min
Delta R.T.: -0.004 min
Response: 489927
Conc: 2.90 ug/ml



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

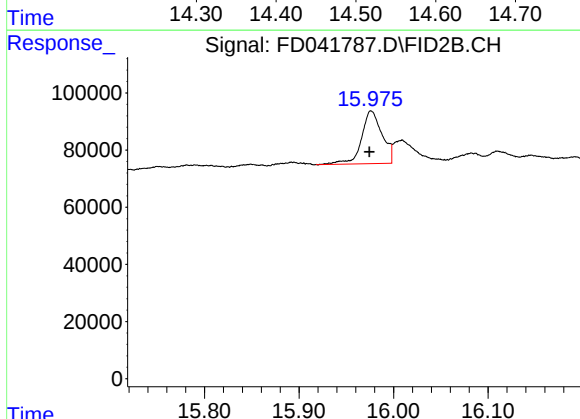
R.T.: 14.431 min
Delta R.T.: 0.000 min
Response: 181054
Conc: 1.21 ug/ml

Instrument :
FID_D
ClientSampleId :



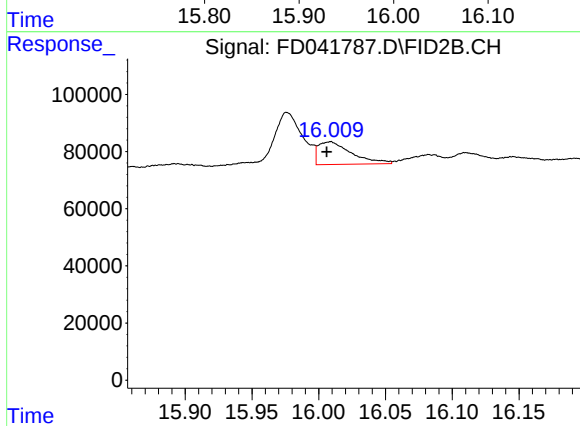
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 284069
Conc: 1.58 ug/ml



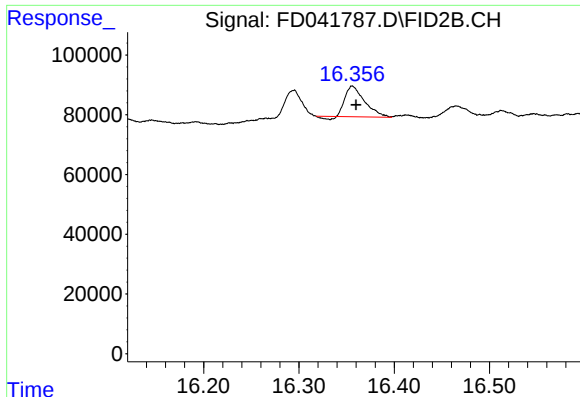
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.977 min
Delta R.T.: 0.002 min
Response: 278712
Conc: 1.88 ug/ml



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

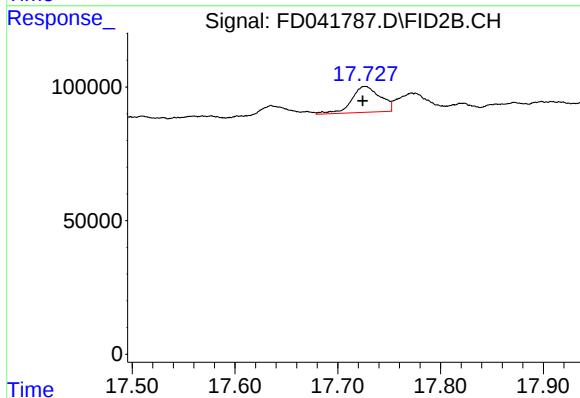
R.T.: 16.008 min
Delta R.T.: 0.002 min
Response: 138349
Conc: 0.84 ug/ml



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

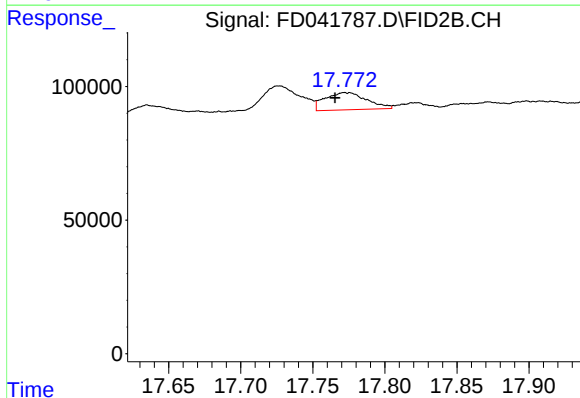
R.T.: 16.356 min
Delta R.T.: -0.004 min
Response: 140320
Conc: 1.00 ug/ml

Instrument :
FID_D
ClientSampleId :



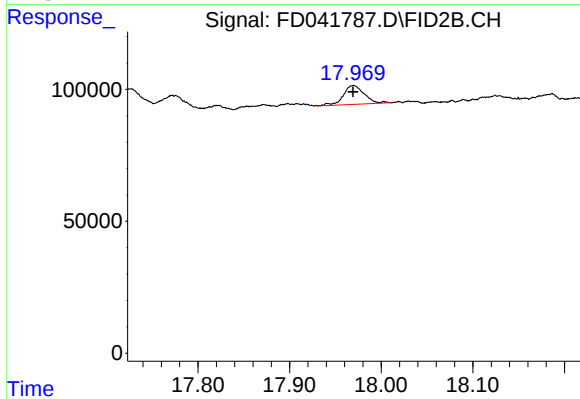
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.727 min
Delta R.T.: 0.002 min
Response: 187707
Conc: 1.70 ug/ml



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

R.T.: 17.773 min
Delta R.T.: 0.008 min
Response: 129745
Conc: 0.90 ug/ml



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

R.T.: 17.970 min
Delta R.T.: 0.000 min
Response: 113901
Conc: 0.86 ug/ml