

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AR\
 Data File : FD038603.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2021 20:01
 Operator : AJ\MA
 Sample : M3431-07
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 05:29:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 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...	7.473	8005646	63.170 ug/ml
Spiked Amount 50.000		Recovery =	126.34%
6) S 2-Fluorobiphenyl (SURR)	8.334	5057858	58.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.51%
11) S ortho-Terphenyl (SURR)	11.367	6424657	44.787 ug/ml
Spiked Amount 50.000		Recovery =	89.57%
Target Compounds			
7) T Acenaphthene (C15.5)	8.455	12906	0.086 ug/ml
12) T Fluoranthene (C21.85)	12.412	109031	0.776 ug/ml
13) T Pyrene (C20.8)	12.708	96614	0.690 ug/ml
14) T Benzo[a]anthracene (C...	14.585	44507	0.348 ug/ml
15) T Chrysene (C27.41)	14.622	95012	0.688 ug/ml
16) T benzo[b]fluoranthene ...	16.136	123665	0.989 ug/ml
17) T Bnezo[k]fluoranthene ...	16.165	42849	0.325 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.517	64698	0.541 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.887	225529	2.047 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	225529	1.832 ug/ml
21) T Benzo[g,h,i]perylene ...	18.140	106105	0.926 ug/ml

(f)=RT Delta > 1/2 Window

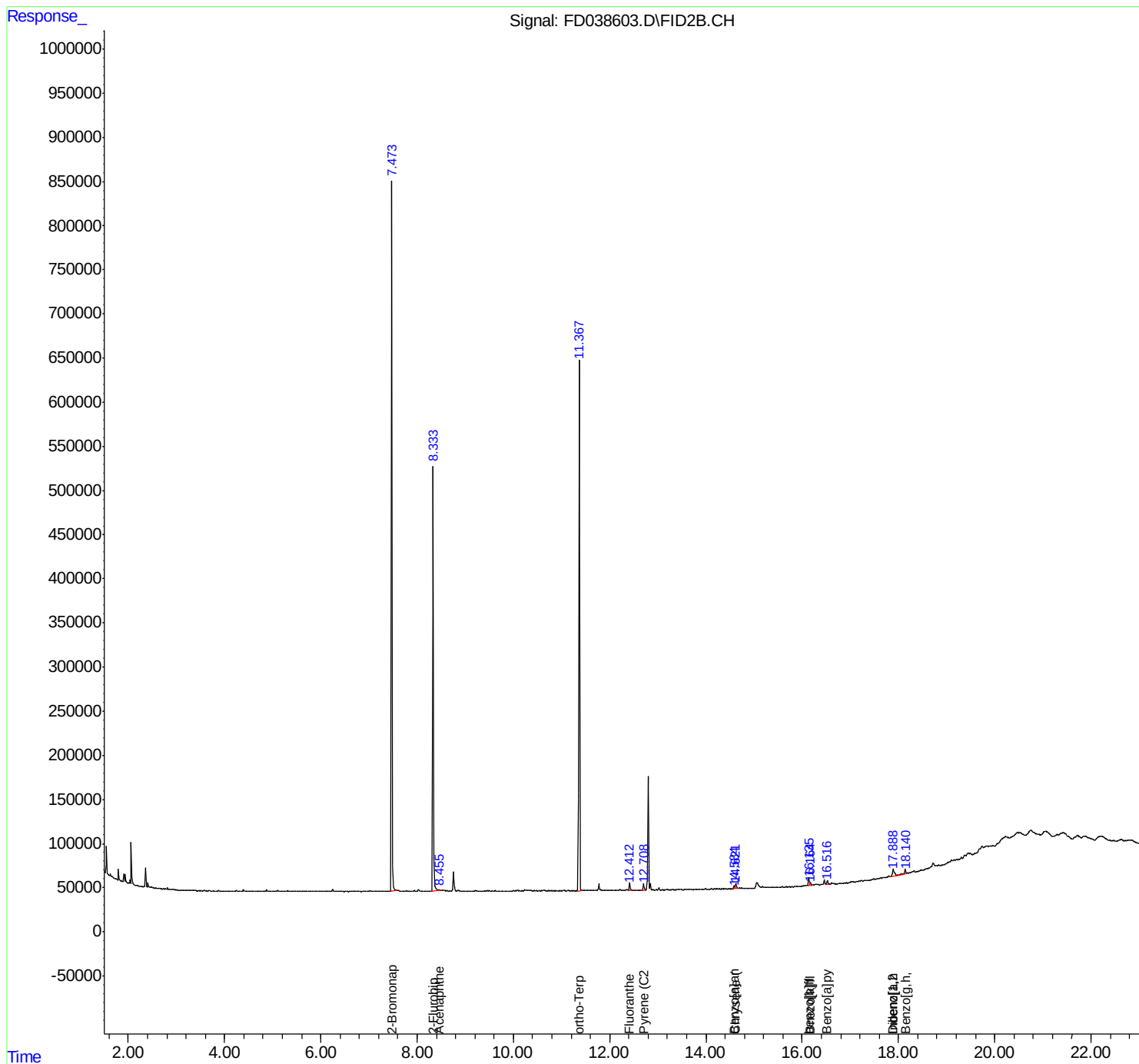
(m)=manual int.

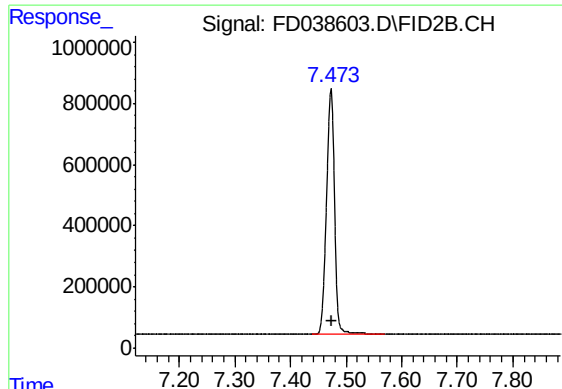
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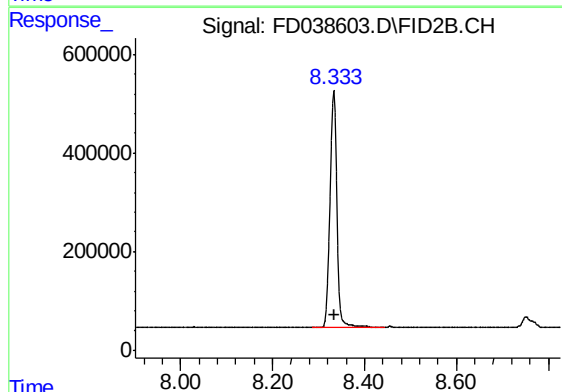




#4 2-Bromonaphthalene (SURR)

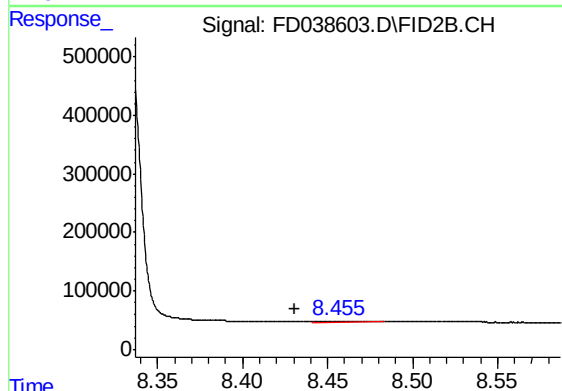
R.T.: 7.473 min
Delta R.T.: -0.002 min
Response: 8005646
Conc: 63.17 ug/ml

Instrument :
ECD_S
ClientSampleId :



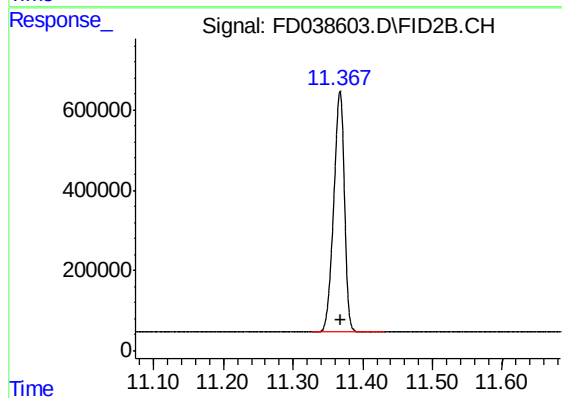
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: -0.002 min
Response: 5057858
Conc: 58.25 ug/ml



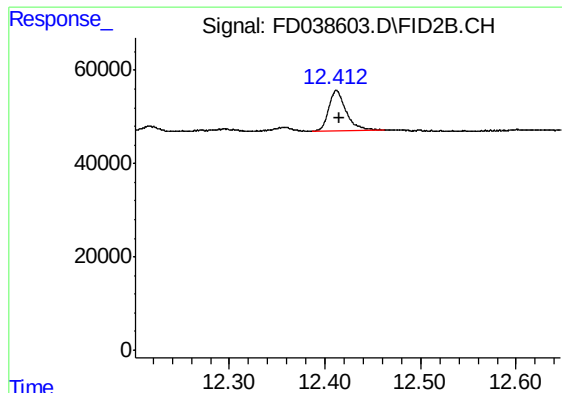
#7 Acenaphthene (C15.5)

R.T.: 8.455 min
Delta R.T.: 0.025 min
Response: 12906
Conc: 0.09 ug/ml



#11 ortho-Terphenyl (SURR)

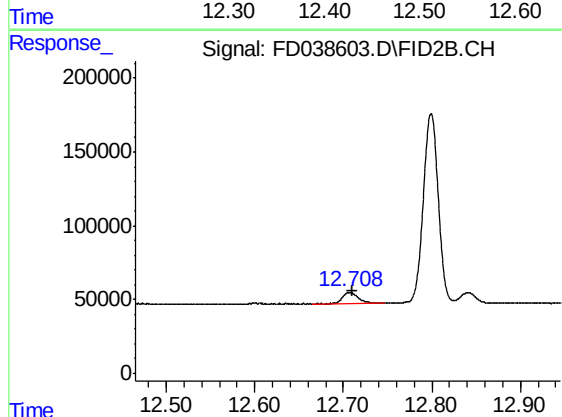
R.T.: 11.367 min
Delta R.T.: -0.002 min
Response: 6424657
Conc: 44.79 ug/ml



#12 Fluoranthene (C21.85)

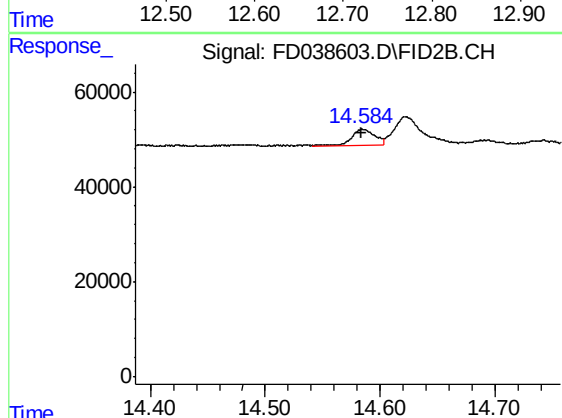
R.T.: 12.412 min
Delta R.T.: -0.003 min
Response: 109031
Conc: 0.78 ug/ml

Instrument :
ECD_S
ClientSampleId :



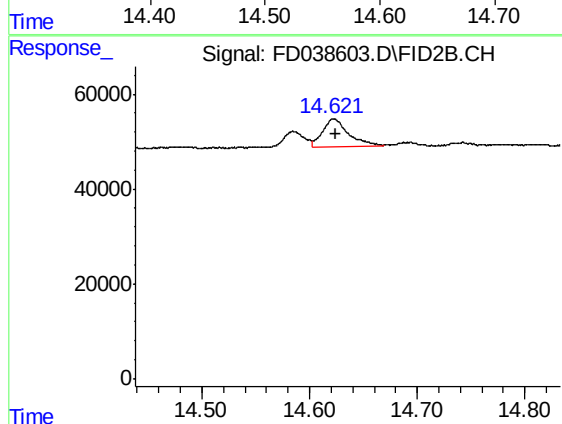
#13 Pyrene (C20.8)

R.T.: 12.708 min
Delta R.T.: -0.002 min
Response: 96614
Conc: 0.69 ug/ml



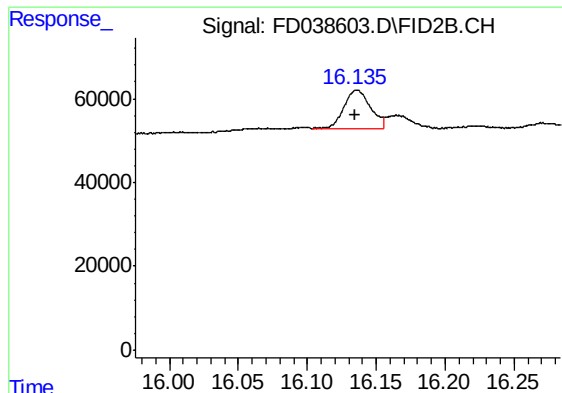
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.585 min
Delta R.T.: 0.001 min
Response: 44507
Conc: 0.35 ug/ml



#15 Chrysene (C27.41)

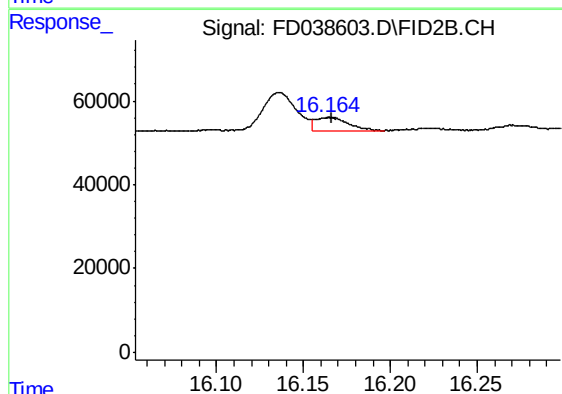
R.T.: 14.622 min
Delta R.T.: -0.003 min
Response: 95012
Conc: 0.69 ug/ml



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

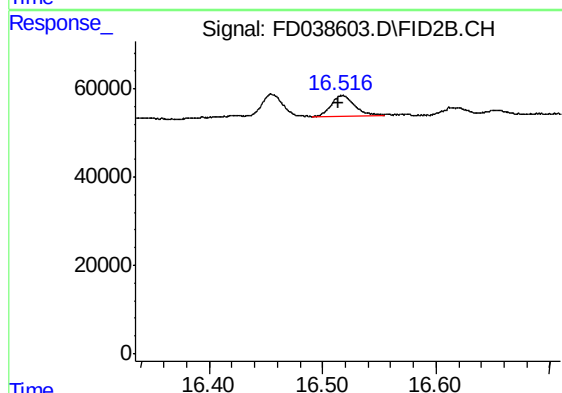
R.T.: 16.136 min
Delta R.T.: 0.000 min
Response: 123665
Conc: 0.99 ug/ml

Instrument :
ECD_S
ClientSampleId :



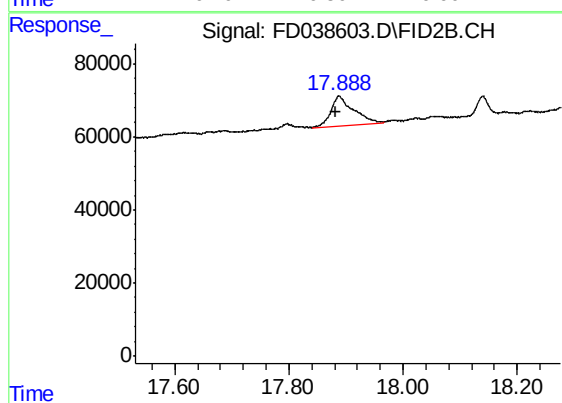
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.165 min
Delta R.T.: -0.001 min
Response: 42849
Conc: 0.33 ug/ml



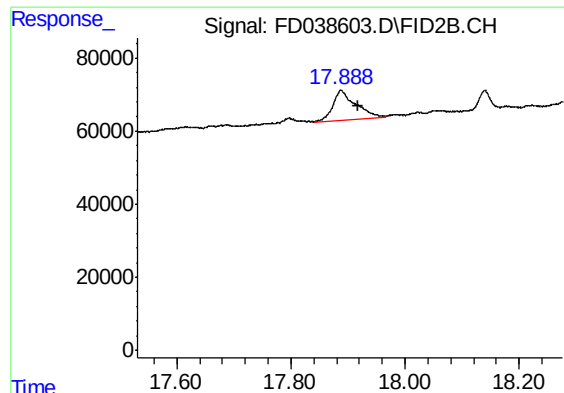
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.517 min
Delta R.T.: 0.003 min
Response: 64698
Conc: 0.54 ug/ml



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

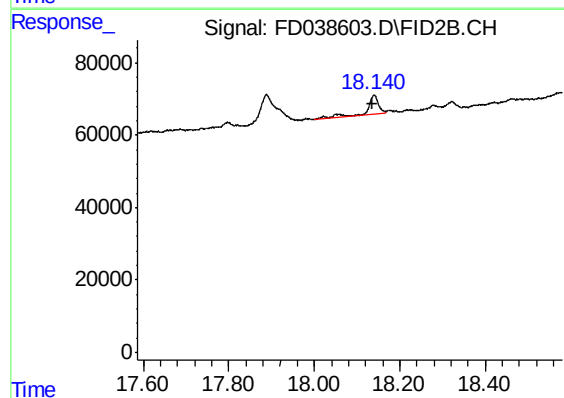
R.T.: 17.887 min
Delta R.T.: 0.005 min
Response: 225529
Conc: 2.05 ug/ml



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

R.T.: 17.887 min
Delta R.T.: -0.031 min
Response: 225529
Conc: 1.83 ug/ml

Instrument :
ECD_S
ClientSampleId :



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

R.T.: 18.140 min
Delta R.T.: 0.005 min
Response: 106105
Conc: 0.93 ug/ml