

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AR\
 Data File : FD038601.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2021 18:37
 Operator : AJ\MA
 Sample : M3431-05
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 05:29:14 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	7460173	58.865 ug/ml
Spiked Amount 50.000		Recovery =	117.73%
6) S 2-Fluorobiphenyl (SURR)	8.332	4641760	53.462 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.92%
11) S ortho-Terphenyl (SURR)	11.367	6374387	44.437 ug/ml
Spiked Amount 50.000		Recovery =	88.87%
Target Compounds			
9) T Phenanthrene (C19.36)	10.607	21242	0.150 ug/ml
12) T Fluoranthene (C21.85)	12.411	152258	1.084 ug/ml
13) T Pyrene (C20.8)	12.706	133981	0.956 ug/ml
14) T Benzo[a]anthracene (C...	14.583	63034	0.492 ug/ml
15) T Chrysene (C27.41)	14.621	136990	0.992 ug/ml
16) T benzo[b]fluoranthene ...	16.135	207443	1.659 ug/ml
17) T Bnezo[k]fluoranthene ...	16.165	60658	0.460 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	93945	0.786 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.887	219816	1.995 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	219816	1.786 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	98054	0.856 ug/ml

(f)=RT Delta > 1/2 Window

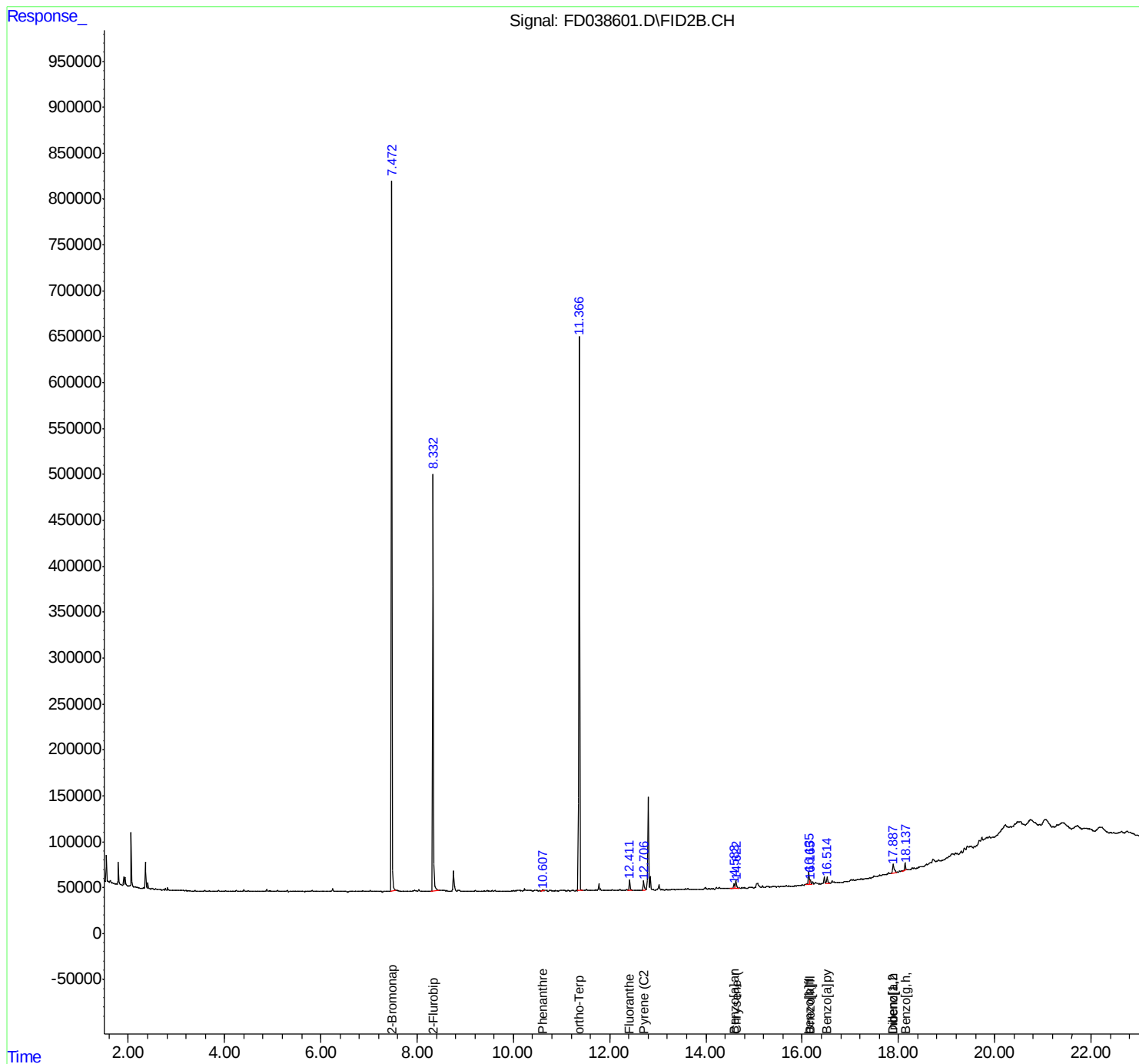
(m)=manual int.

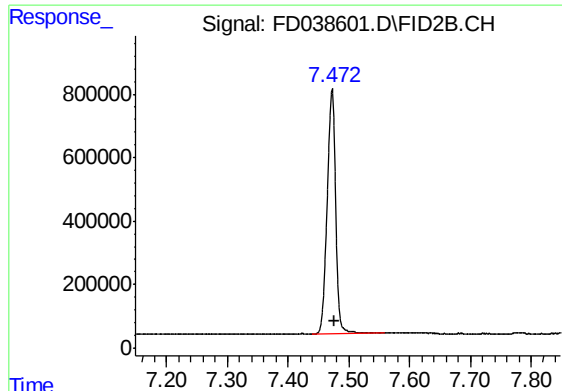
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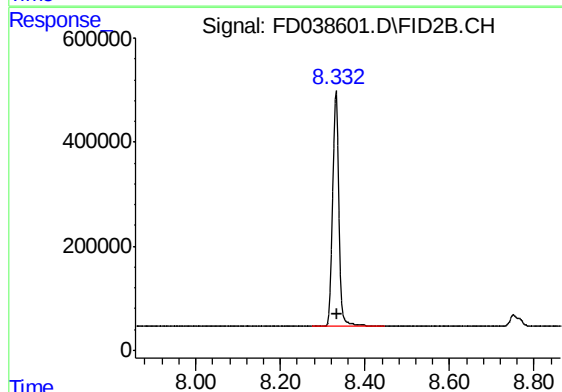




#4 2-Bromonaphthalene (SURR)

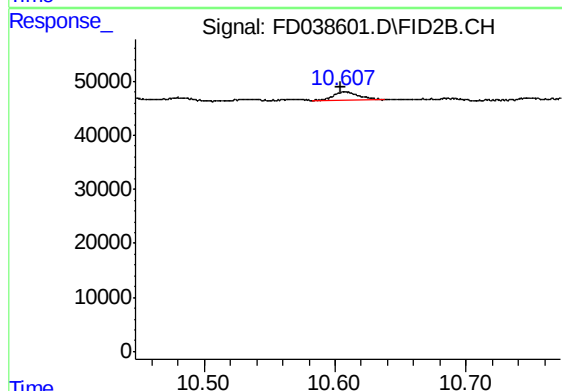
R.T.: 7.473 min
Delta R.T.: -0.003 min
Response: 7460173
Conc: 58.87 ug/ml

Instrument :
ECD_S
ClientSampleId :



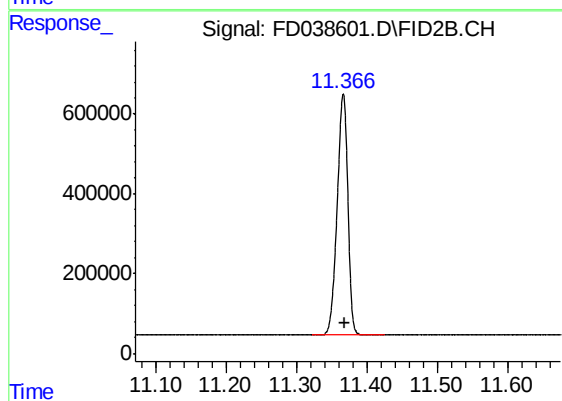
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.332 min
Delta R.T.: -0.003 min
Response: 4641760
Conc: 53.46 ug/ml



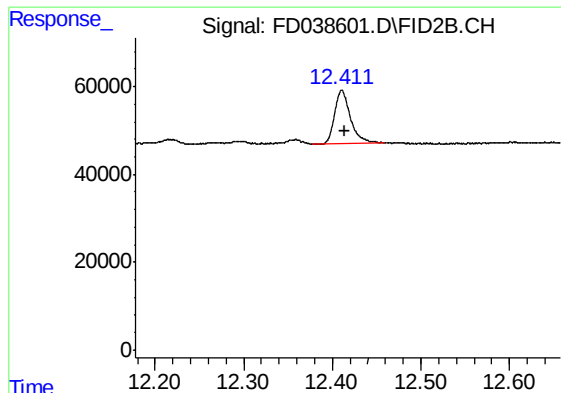
#9 Phenanthrene (C19.36)

R.T.: 10.607 min
Delta R.T.: 0.002 min
Response: 21242
Conc: 0.15 ug/ml



#11 ortho-Terphenyl (SURR)

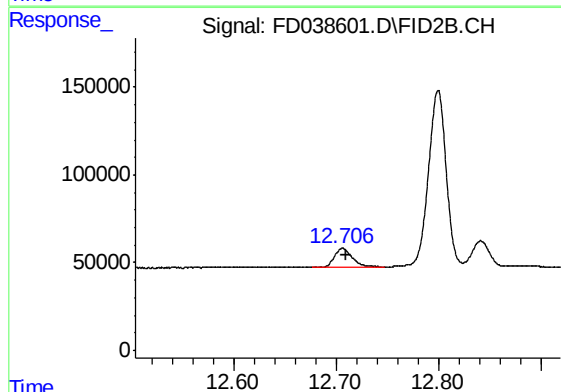
R.T.: 11.367 min
Delta R.T.: -0.002 min
Response: 6374387
Conc: 44.44 ug/ml



#12 Fluoranthene (C21.85)

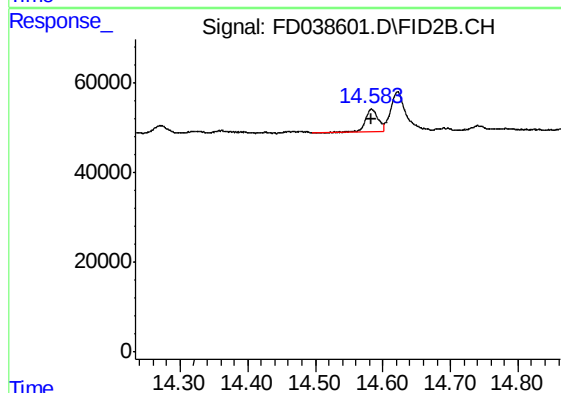
R.T.: 12.411 min
Delta R.T.: -0.003 min
Response: 152258
Conc: 1.08 ug/ml

Instrument :
ECD_S
ClientSampleId :



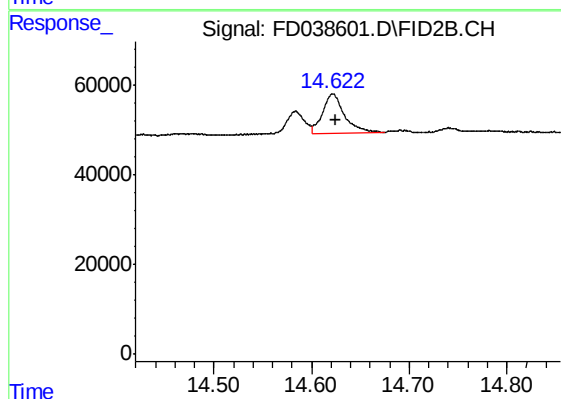
#13 Pyrene (C20.8)

R.T.: 12.706 min
Delta R.T.: -0.004 min
Response: 133981
Conc: 0.96 ug/ml



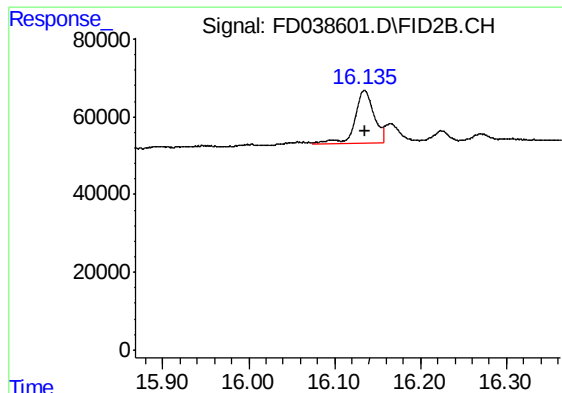
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.583 min
Delta R.T.: 0.000 min
Response: 63034
Conc: 0.49 ug/ml



#15 Chrysene (C27.41)

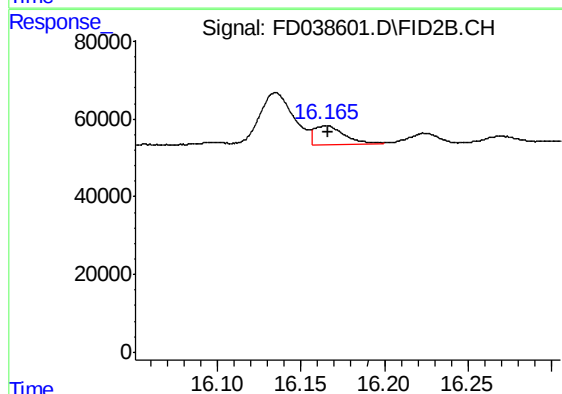
R.T.: 14.621 min
Delta R.T.: -0.003 min
Response: 136990
Conc: 0.99 ug/ml



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

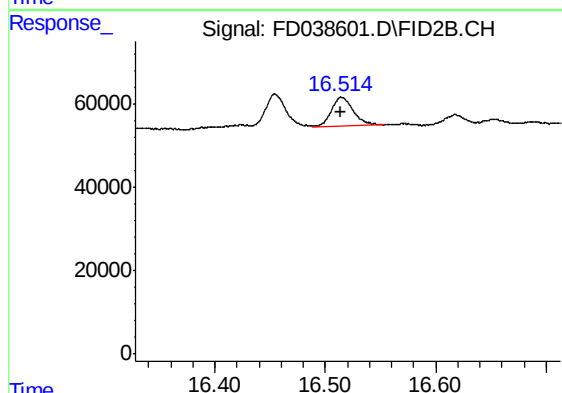
R.T.: 16.135 min
Delta R.T.: 0.000 min
Response: 207443
Conc: 1.66 ug/ml

Instrument :
ECD_S
ClientSampleId :



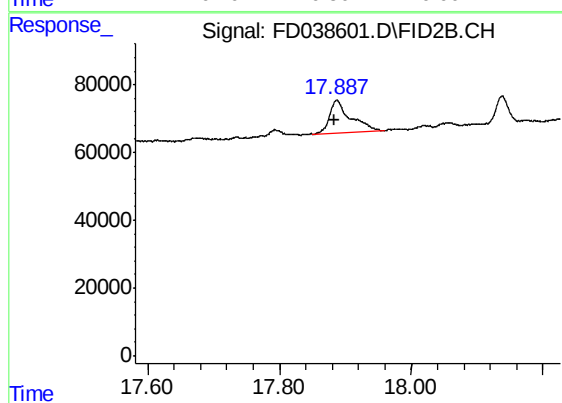
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.165 min
Delta R.T.: -0.001 min
Response: 60658
Conc: 0.46 ug/ml



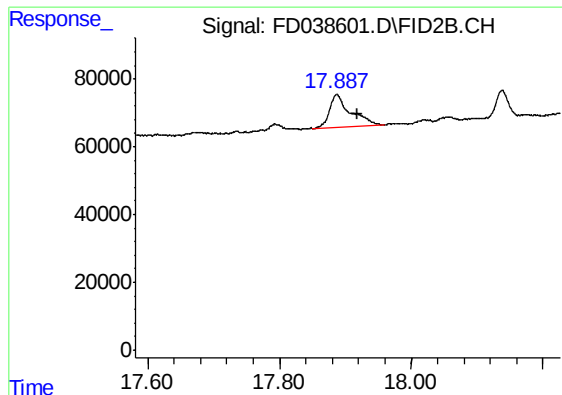
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.515 min
Delta R.T.: 0.001 min
Response: 93945
Conc: 0.79 ug/ml



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

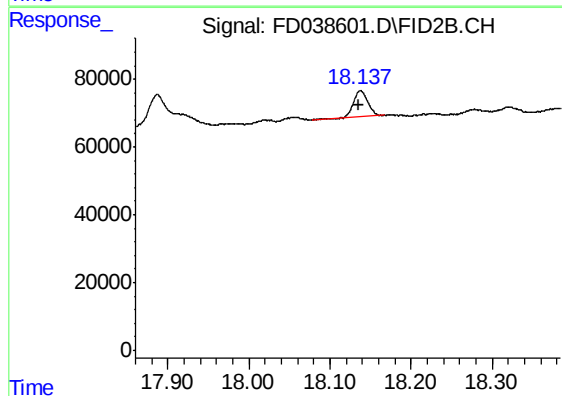
R.T.: 17.887 min
Delta R.T.: 0.005 min
Response: 219816
Conc: 2.00 ug/ml



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

R.T.: 17.887 min
Delta R.T.: -0.031 min
Response: 219816
Conc: 1.79 ug/ml

Instrument :
ECD_S
ClientSampleId :



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

R.T.: 18.138 min
Delta R.T.: 0.003 min
Response: 98054
Conc: 0.86 ug/ml