

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072221AR\
 Data File : FD038331.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jul 2021 22:37
 Operator : AJ\MA
 Sample : M3117-03
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 NJ-CLEAN-3

Integration File: autoint1.e
 Quant Time: Jul 23 01:43:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.511	6042113	46.361 ug/ml
Spiked Amount 50.000		Recovery =	92.72%
6) S 2-Fluorobiphenyl (SURR)	8.372	3526688	39.853 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.71%
11) S ortho-Terphenyl (SURR)	11.409	4628033	30.538 ug/ml
Spiked Amount 50.000		Recovery =	61.08%
Target Compounds			
12) T Fluoranthene (C21.85)	12.458	68143	0.470 ug/ml
13) T Pyrene (C20.8)	12.752	66323	0.465 ug/ml
14) T Benzo[a]anthracene (C...	14.667	67806	0.531 ug/ml
15) T Chrysene (C27.41)	14.667	67806	0.479 ug/ml
16) T benzo[b]fluoranthene ...	16.182	38452	0.308 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	38452	0.293 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.500f	39972	0.341 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.929	55019	0.532 ug/ml
20) T Dibenz[a,h]anthracene...	17.929	55019	0.467 ug/ml
21) T Benzo[g,h,i]perylene ...	18.182	24273	0.222 ug/ml

(f)=RT Delta > 1/2 Window

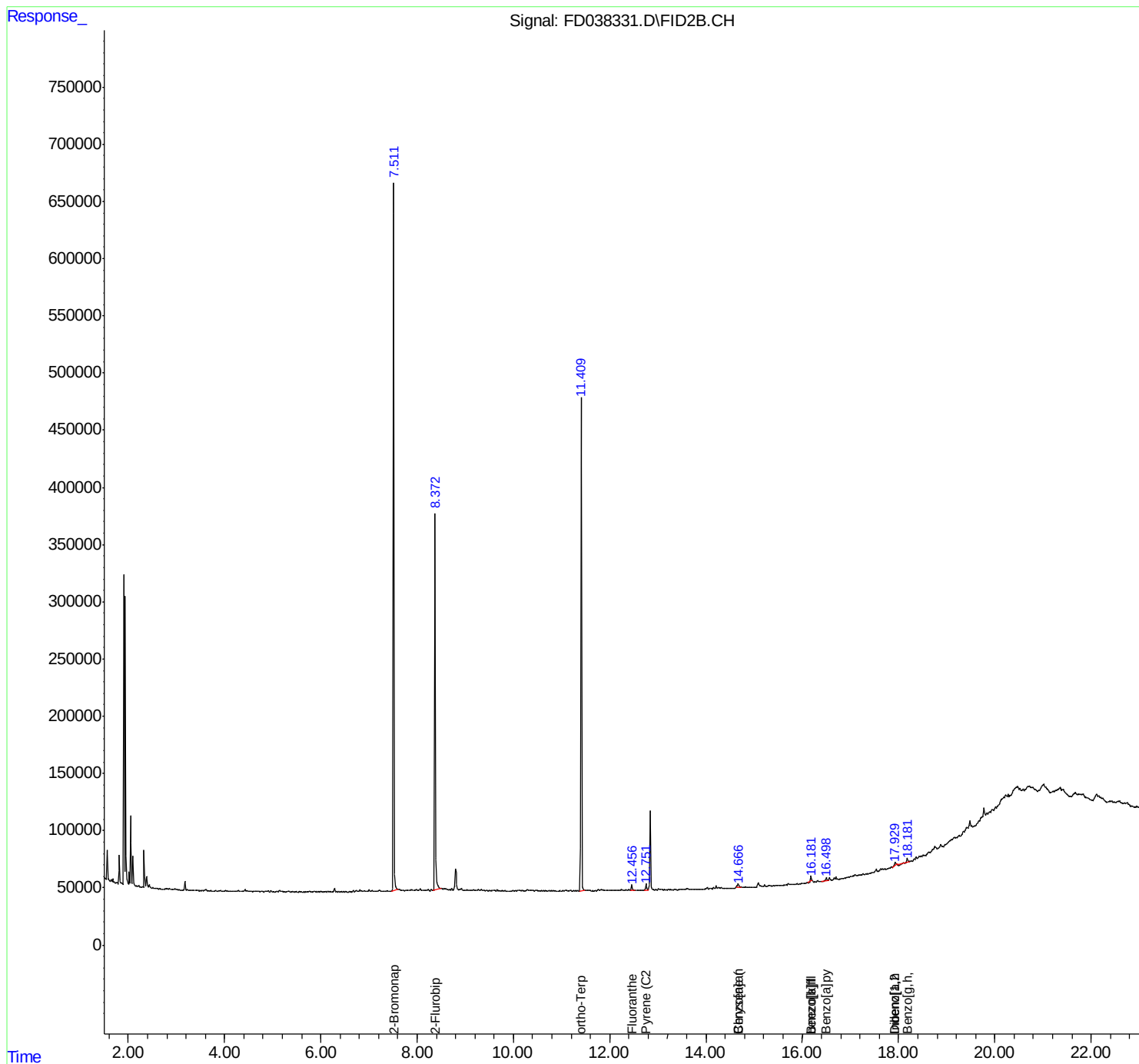
(m)=manual int.

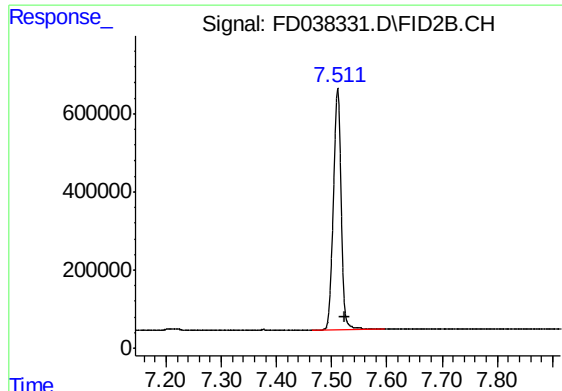
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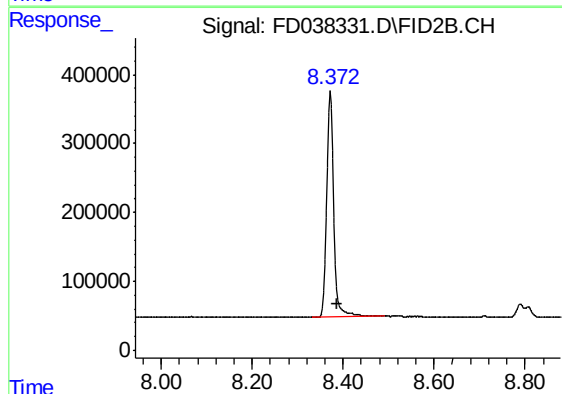




#4 2-Bromonaphthalene (SURR)

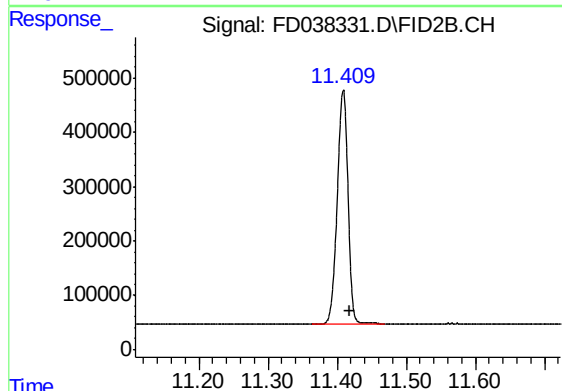
R.T.: 7.511 min
Delta R.T.: -0.014 min
Response: 6042113
Conc: 46.36 ug/ml

Instrument :
FID_D
ClientSampleId :
NJ-CLEAN-3



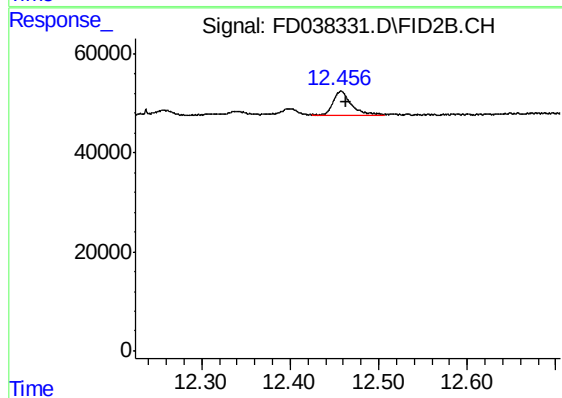
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.372 min
Delta R.T.: -0.014 min
Response: 3526688
Conc: 39.85 ug/ml



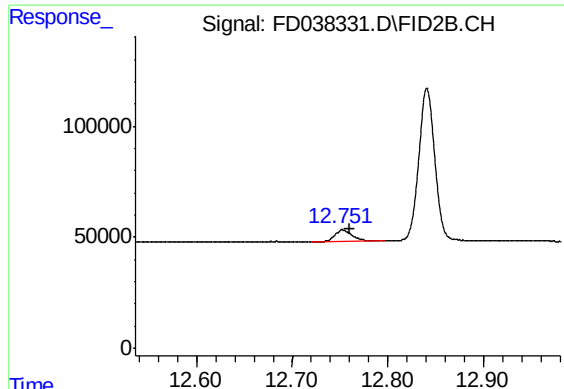
#11 ortho-Terphenyl (SURR)

R.T.: 11.409 min
Delta R.T.: -0.010 min
Response: 4628033
Conc: 30.54 ug/ml



#12 Fluoranthene (C21.85)

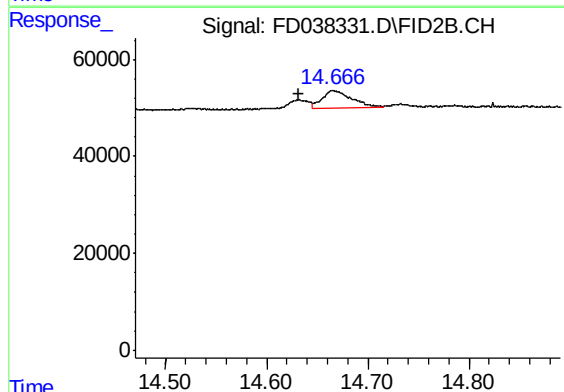
R.T.: 12.458 min
Delta R.T.: -0.006 min
Response: 68143
Conc: 0.47 ug/ml



#13 Pyrene (C20.8)

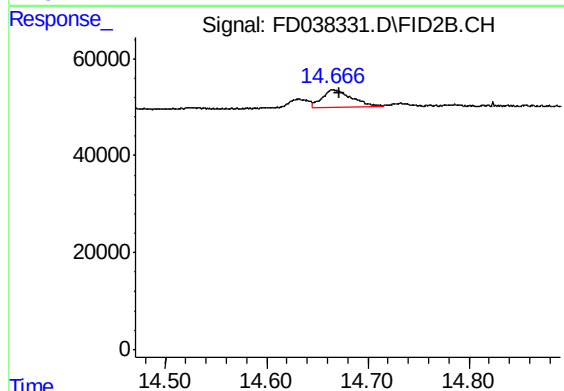
R.T.: 12.752 min
Delta R.T.: -0.008 min
Response: 66323
Conc: 0.47 ug/ml

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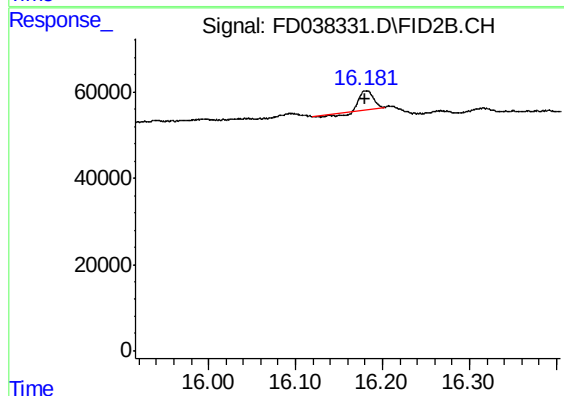
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.667 min
Delta R.T.: 0.035 min
Response: 67806
Conc: 0.53 ug/ml



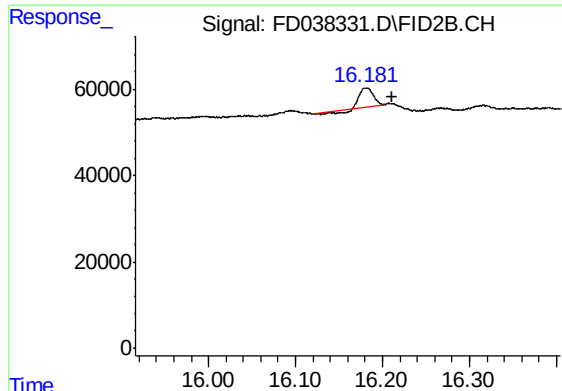
#15 Chrysene (C27.41)

R.T.: 14.667 min
Delta R.T.: -0.005 min
Response: 67806
Conc: 0.48 ug/ml



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

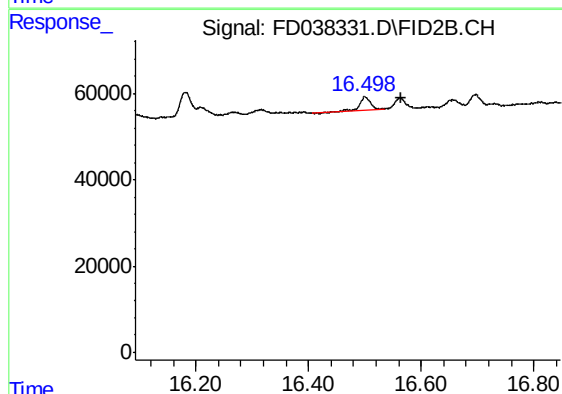
R.T.: 16.182 min
Delta R.T.: 0.002 min
Response: 38452
Conc: 0.31 ug/ml



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

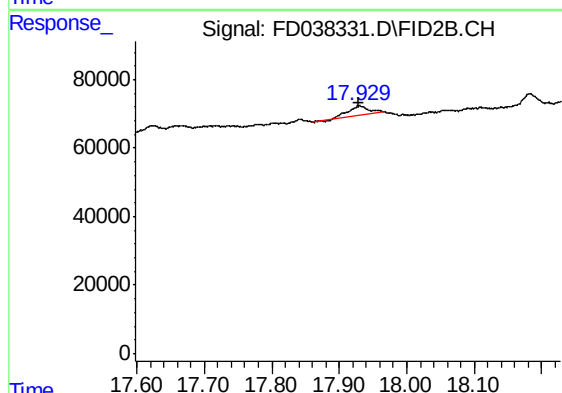
R.T.: 16.182 min
Delta R.T.: -0.030 min
Response: 38452
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :
NJ-CLEAN-3



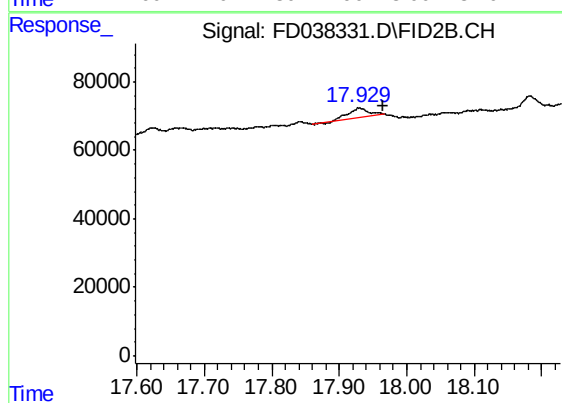
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.500 min
Delta R.T.: -0.064 min
Response: 39972
Conc: 0.34 ug/ml



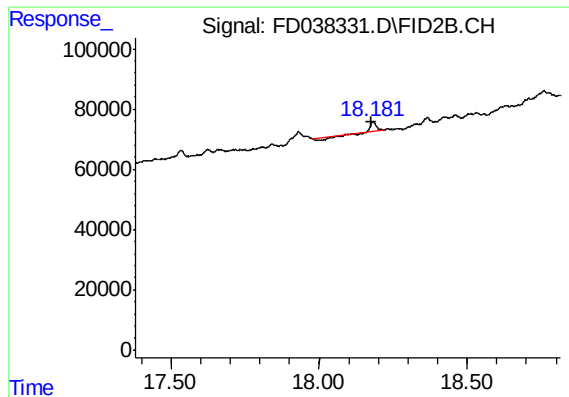
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.929 min
Delta R.T.: 0.000 min
Response: 55019
Conc: 0.53 ug/ml



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

R.T.: 17.929 min
Delta R.T.: -0.036 min
Response: 55019
Conc: 0.47 ug/ml



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

R.T.: 18.182 min
Delta R.T.: 0.004 min
Response: 24273
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :
NJ-CLEAN-3