

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AR\
 Data File : FD036956.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2021 10:26 am
 Operator : DD\AJ
 Sample : M2040-07DL 2X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 16 10:53:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.583	2166251	15.402 ug/ml
Spiked Amount 50.000		Recovery =	30.80%
6) S 2-Fluorobiphenyl (SURR)	8.444	1201713	12.802 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	25.60%
11) S ortho-Terphenyl (SURR)	11.486	2248681	14.723 ug/ml
Spiked Amount 50.000		Recovery =	29.45%
Target Compounds			
7) T Acenaphthene (C15.5)	8.523	99346	0.640 ug/ml
9) T Phenanthrene (C19.36)	10.715	197521	1.348 ug/ml
12) T Fluoranthene (C21.85)	12.526	301745	2.149 ug/ml
13) T Pyrene (C20.8)	12.822	235036	1.713 ug/ml
14) T Benzo[a]anthracene (C...	14.693	157628	1.327 ug/ml
15) T Chrysene (C27.41)	14.733	142570	1.179 ug/ml
16) T benzo[b]fluoranthene ...	16.242	204968	1.868 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268	96509	0.908 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	186518	1.872 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	171423	1.705 ug/ml
20) T Dibenz[a,h]anthracene...	18.031	126394	1.253 ug/ml
21) T Benzo[g,h,i]perylene ...	18.232	103210	1.019 ug/ml

(f)=RT Delta > 1/2 Window

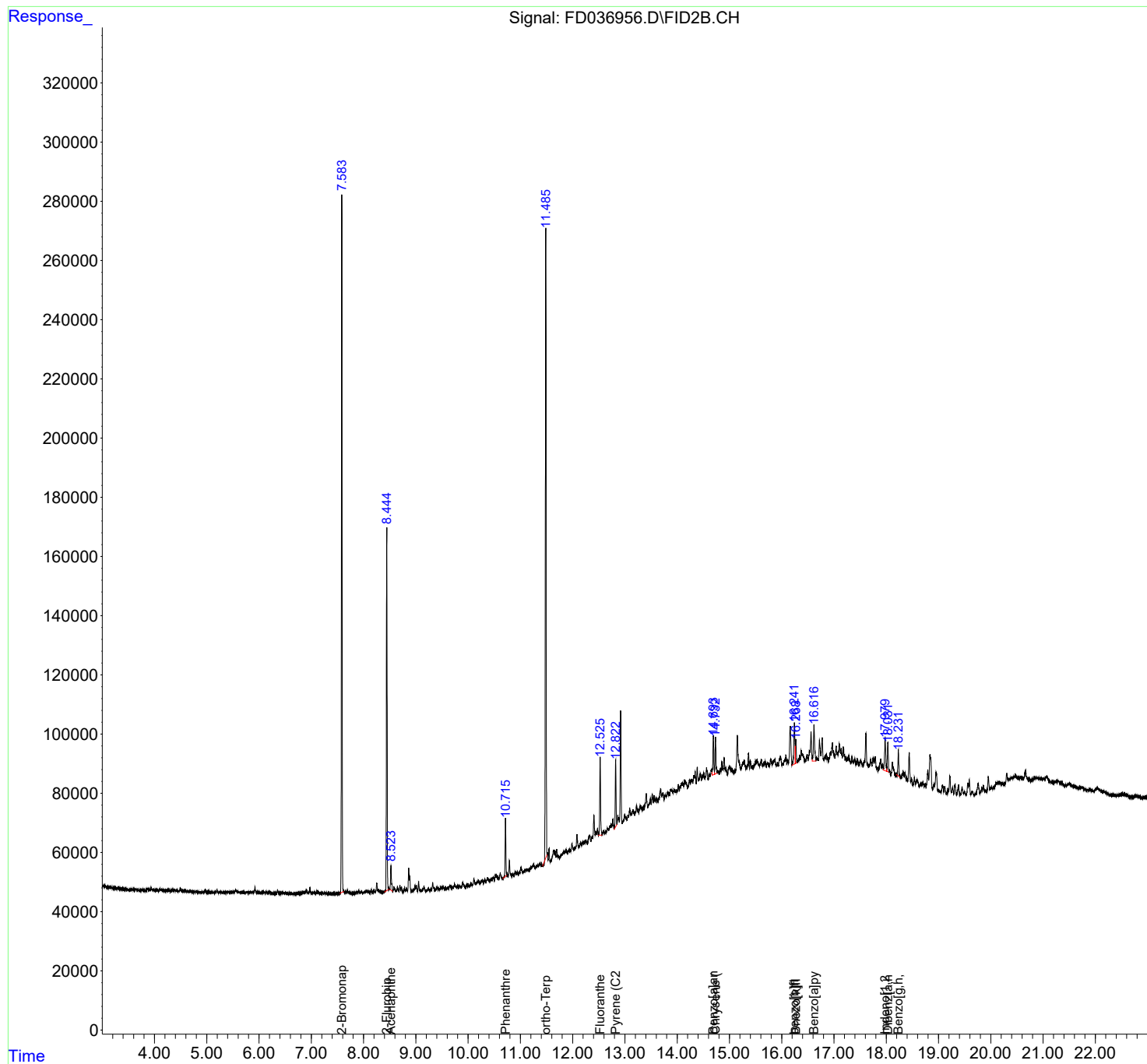
(m)=manual int.

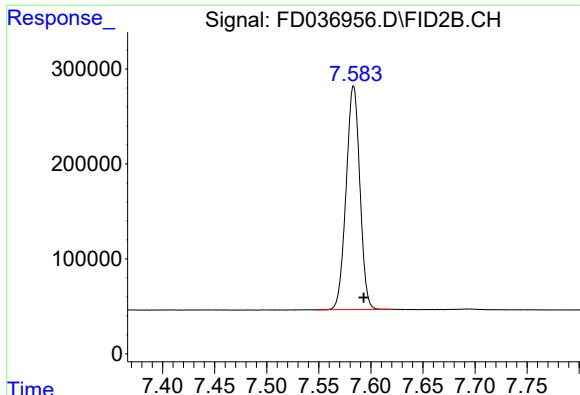
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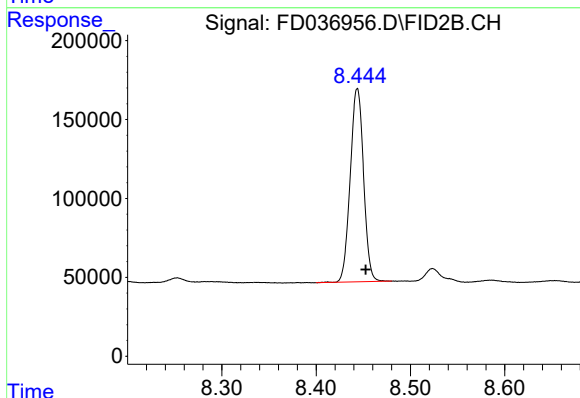




#4 2-Bromonaphthalene (SURRE)

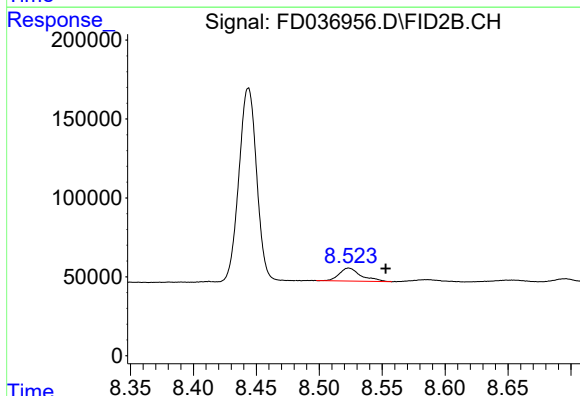
R.T.: 7.583 min
Delta R.T.: -0.010 min
Response: 2166251
Conc: 15.40 ug/ml

Instrument :
FID_C
ClientSampleId :



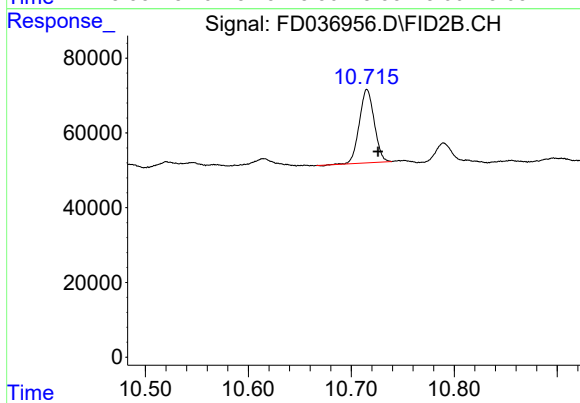
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.444 min
Delta R.T.: -0.009 min
Response: 1201713
Conc: 12.80 ug/ml



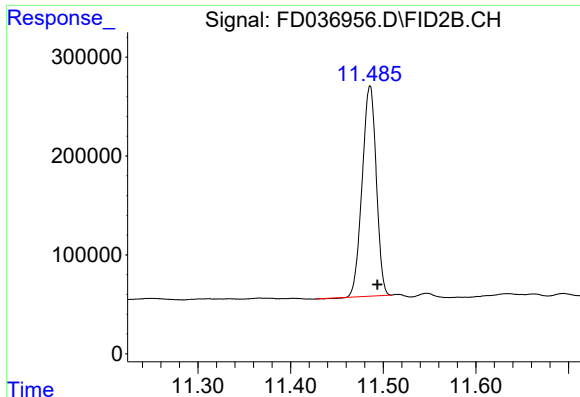
#7 Acenaphthene (C15.5)

R.T.: 8.523 min
Delta R.T.: -0.029 min
Response: 99346
Conc: 0.64 ug/ml



#9 Phenanthrene (C19.36)

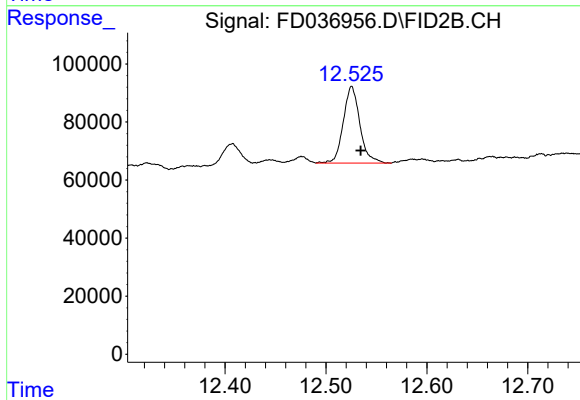
R.T.: 10.715 min
Delta R.T.: -0.011 min
Response: 197521
Conc: 1.35 ug/ml



#11 ortho-Terphenyl (SURR)

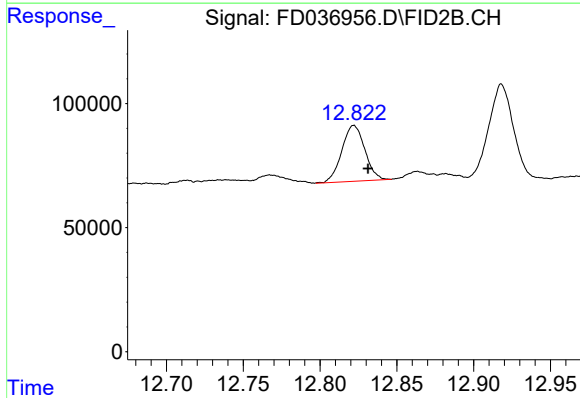
R.T.: 11.486 min
Delta R.T.: -0.008 min
Response: 2248681
Conc: 14.72 ug/ml

Instrument :
FID_C
ClientSampleId :



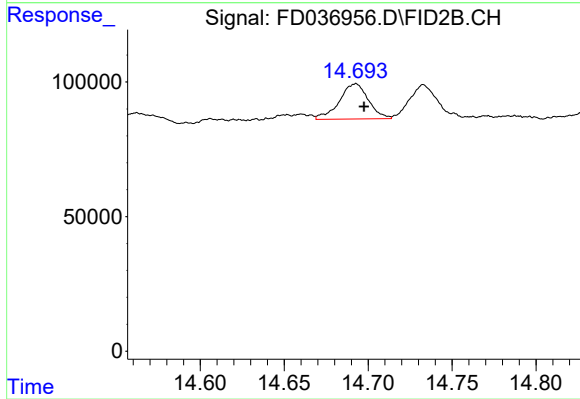
#12 Fluoranthene (C21.85)

R.T.: 12.526 min
Delta R.T.: -0.009 min
Response: 301745
Conc: 2.15 ug/ml



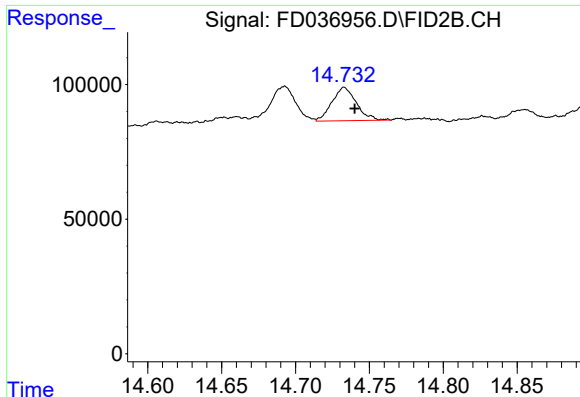
#13 Pyrene (C20.8)

R.T.: 12.822 min
Delta R.T.: -0.009 min
Response: 235036
Conc: 1.71 ug/ml



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

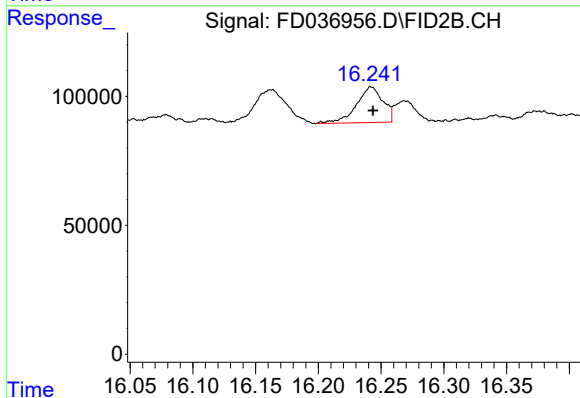
R.T.: 14.693 min
Delta R.T.: -0.005 min
Response: 157628
Conc: 1.33 ug/ml



#15 Chrysene (C27.41)

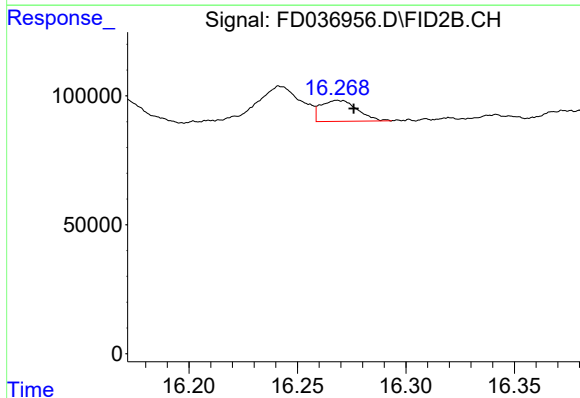
R.T.: 14.733 min
Delta R.T.: -0.007 min
Response: 142570
Conc: 1.18 ug/ml

Instrument :
FID_C
ClientSampleId :



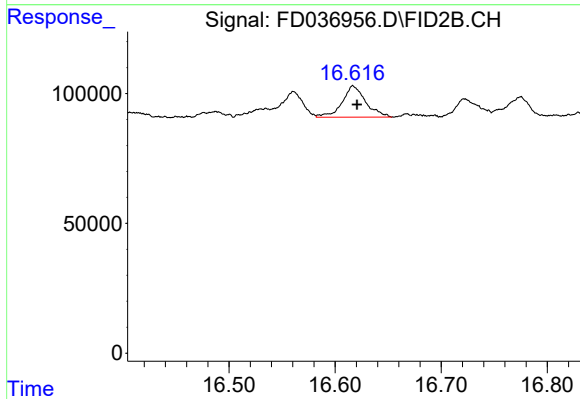
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.242 min
Delta R.T.: -0.002 min
Response: 204968
Conc: 1.87 ug/ml



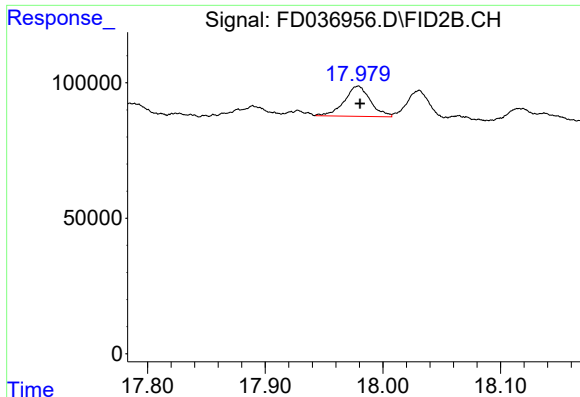
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.268 min
Delta R.T.: -0.008 min
Response: 96509
Conc: 0.91 ug/ml



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

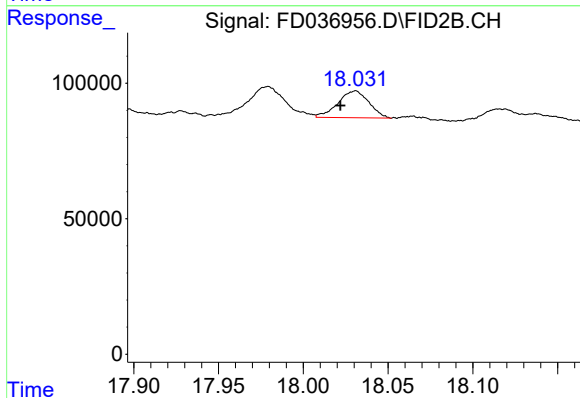
R.T.: 16.617 min
Delta R.T.: -0.004 min
Response: 186518
Conc: 1.87 ug/ml



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

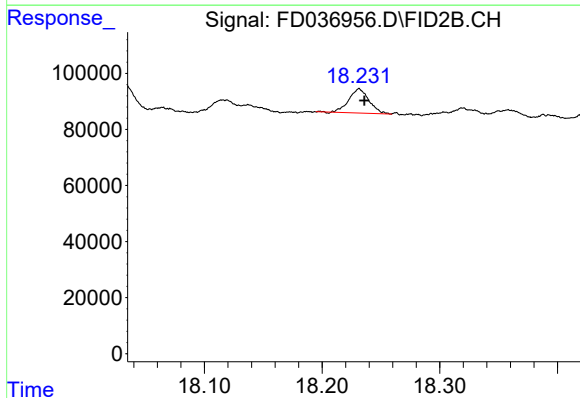
R.T.: 17.979 min
Delta R.T.: -0.001 min
Response: 171423
Conc: 1.71 ug/ml

Instrument :
FID_C
ClientSampleId :



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

R.T.: 18.031 min
Delta R.T.: 0.009 min
Response: 126394
Conc: 1.25 ug/ml



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

R.T.: 18.232 min
Delta R.T.: -0.004 min
Response: 103210
Conc: 1.02 ug/ml