

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AR\
 Data File : FD038594.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2021 13:44
 Operator : AJ\MA
 Sample : M3431-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 05:27:28 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...	7.468	4403789	34.749 ug/ml
Spiked Amount 50.000		Recovery =	69.50%
6) S 2-Fluorobiphenyl (SURR)	8.327	1742691	20.071 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.14%
11) S ortho-Terphenyl (SURR)	11.365	5947303	41.460 ug/ml
Spiked Amount 50.000		Recovery =	82.92%
Target Compounds			
7) T Acenaphthene (C15.5)	8.457	14848	0.099 ug/ml
12) T Fluoranthene (C21.85)	12.409	157499	1.121 ug/ml
13) T Pyrene (C20.8)	12.705	112284	0.802 ug/ml
14) T Benzo[a]anthracene (C...	14.582	75179	0.587 ug/ml
15) T Chrysene (C27.41)	14.620	146123	1.058 ug/ml
16) T benzo[b]fluoranthene ...	16.131	209774	1.678 ug/ml
17) T Bnezo[k]fluoranthene ...	16.161	68306	0.518 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	100200	0.838 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	417648	3.791 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	417648	3.393 ug/ml
21) T Benzo[g,h,i]perylene ...	18.134	105710	0.923 ug/ml

(f)=RT Delta > 1/2 Window

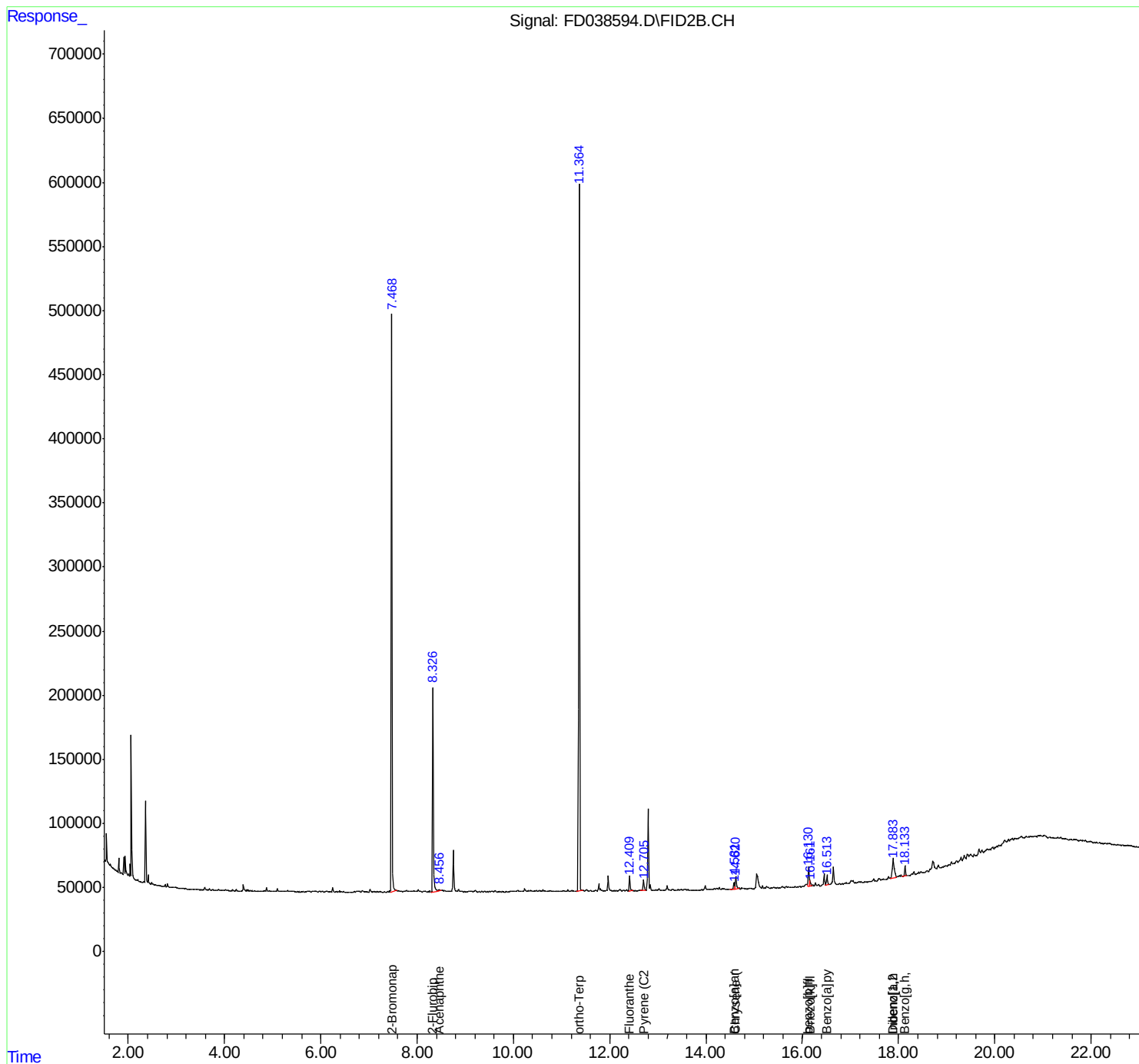
(m)=manual int.

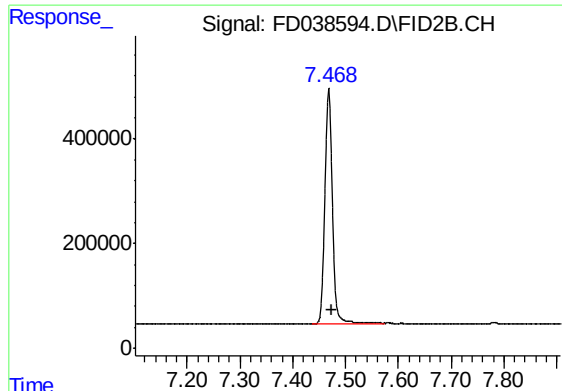
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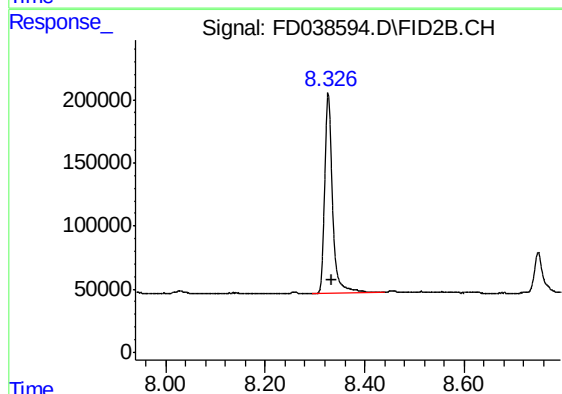




#4 2-Bromonaphthalene (SURR)

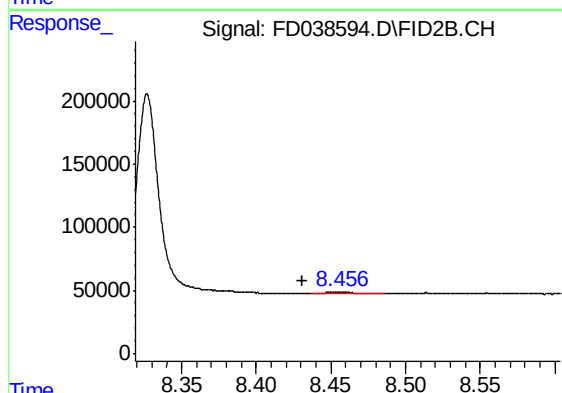
R.T.: 7.468 min
Delta R.T.: -0.007 min
Response: 4403789
Conc: 34.75 ug/ml

Instrument :
ECD_S
ClientSampleId :



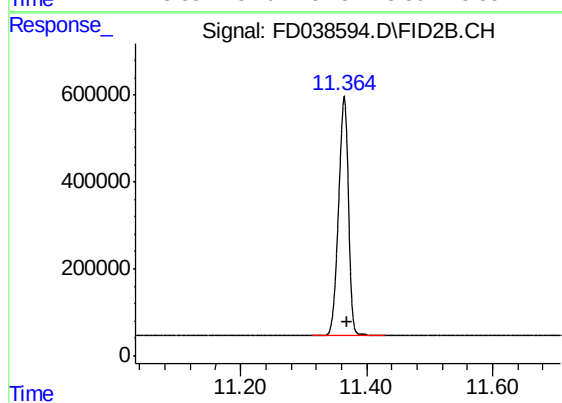
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.327 min
Delta R.T.: -0.008 min
Response: 1742691
Conc: 20.07 ug/ml



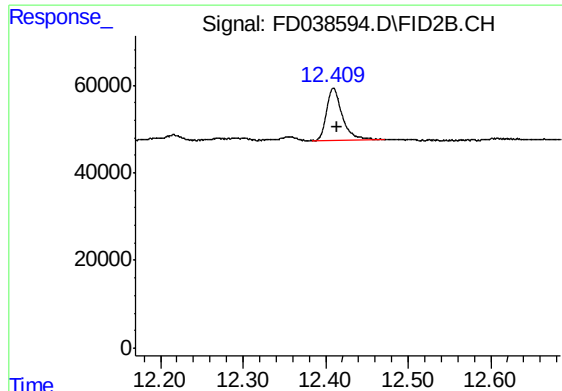
#7 Acenaphthene (C15.5)

R.T.: 8.457 min
Delta R.T.: 0.026 min
Response: 14848
Conc: 0.10 ug/ml



#11 ortho-Terphenyl (SURR)

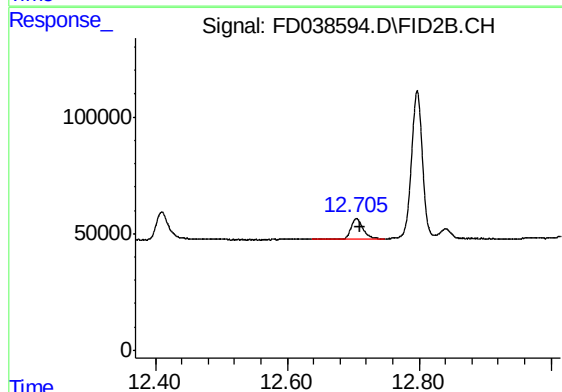
R.T.: 11.365 min
Delta R.T.: -0.004 min
Response: 5947303
Conc: 41.46 ug/ml



#12 Fluoranthene (C21.85)

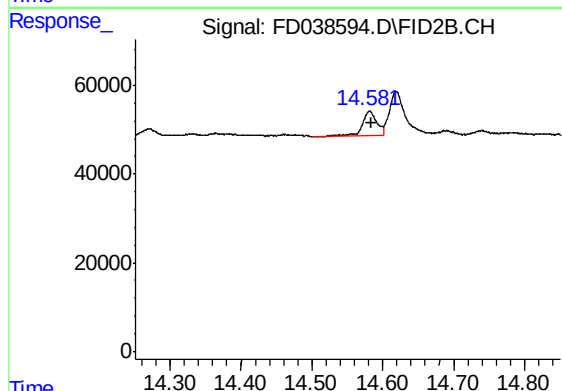
R.T.: 12.409 min
Delta R.T.: -0.005 min
Response: 157499
Conc: 1.12 ug/ml

Instrument :
ECD_S
ClientSampleId :



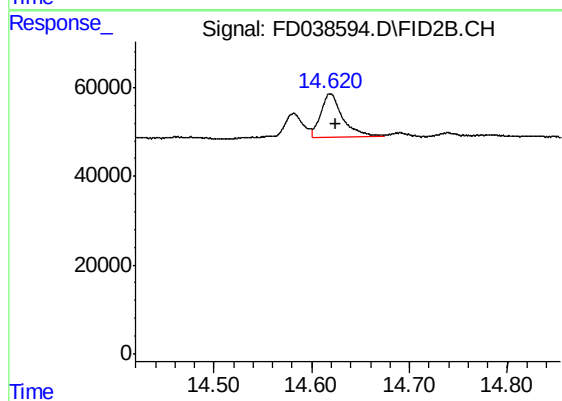
#13 Pyrene (C20.8)

R.T.: 12.705 min
Delta R.T.: -0.005 min
Response: 112284
Conc: 0.80 ug/ml



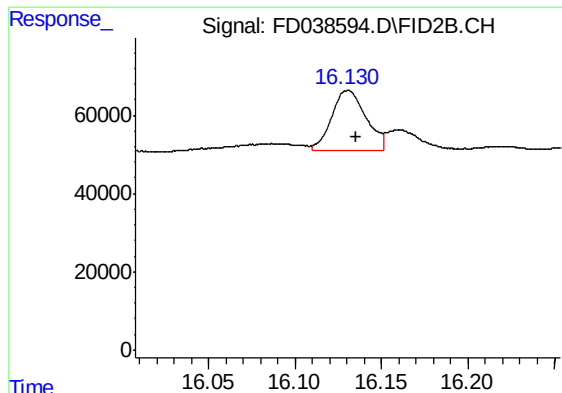
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.002 min
Response: 75179
Conc: 0.59 ug/ml



#15 Chrysene (C27.41)

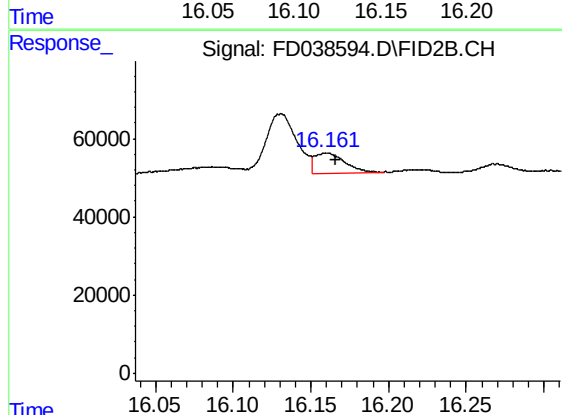
R.T.: 14.620 min
Delta R.T.: -0.005 min
Response: 146123
Conc: 1.06 ug/ml



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

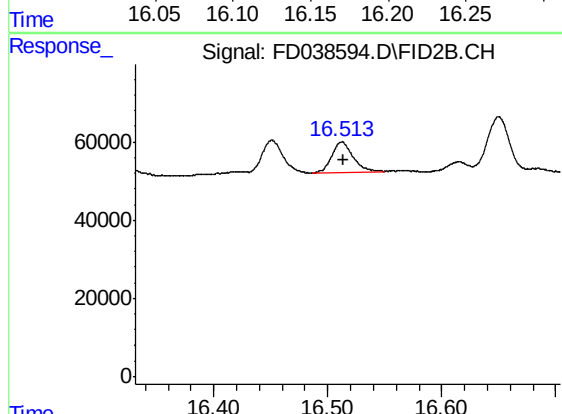
R.T.: 16.131 min
Delta R.T.: -0.004 min
Response: 209774
Conc: 1.68 ug/ml

Instrument :
ECD_S
ClientSampleId :



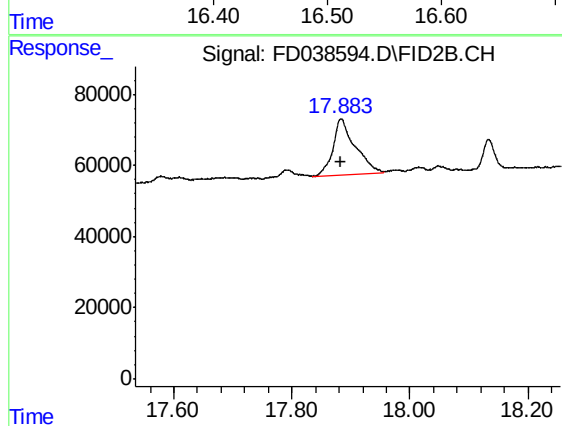
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: -0.005 min
Response: 68306
Conc: 0.52 ug/ml



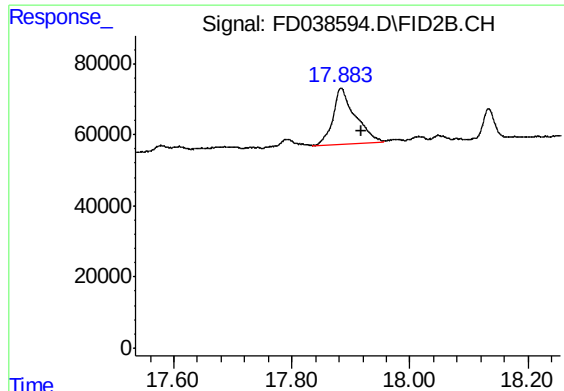
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: -0.001 min
Response: 100200
Conc: 0.84 ug/ml



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

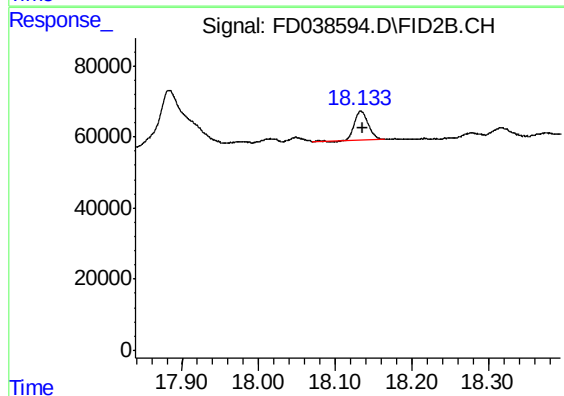
R.T.: 17.883 min
Delta R.T.: 0.000 min
Response: 417648
Conc: 3.79 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.036 min
Response: 417648
Conc: 3.39 ug/ml

Instrument :
ECD_S
ClientSampleId :



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

R.T.: 18.134 min
Delta R.T.: -0.001 min
Response: 105710
Conc: 0.92 ug/ml