

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120621AR\
 Data File : FD039129.D
 Signal(s) : FID2B.CH
 Acq On : 06 Dec 2021 23:13
 Operator : AJ\MA
 Sample : M4927-06
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 00:26:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 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...	7.741	5429918	48.533 ug/ml
Spiked Amount 50.000		Recovery =	97.07%
6) S 2-Fluorobiphenyl (SURR)	8.610	3609313	48.126 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.25%
11) S ortho-Terphenyl (SURR)	11.654	4959278	40.098 ug/ml
Spiked Amount 50.000		Recovery =	80.20%
Target Compounds			
7) T Acenaphthene (C15.5)	8.754	2930	0.023 ug/ml
10) T Anthracene (C19.43)	10.980	27976	0.234 ug/ml
12) T Fluoranthene (C21.85)	12.712	83500	0.700 ug/ml
13) T Pyrene (C20.8)	13.032	72713	0.640 ug/ml
14) T Benzo[a]anthracene (C...	14.891	49765	0.509 ug/ml
15) T Chrysene (C27.41)	14.926	90010	0.791 ug/ml
16) T benzo[b]fluoranthene ...	16.469	24596	0.250 ug/ml
17) T Bnezo[k]fluoranthene ...	16.469	24596	0.232 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.824	39411	0.409 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.195	69000	0.740 ug/ml
20) T Dibenz[a,h]anthracene...	18.195f	69000	0.674 ug/ml
21) T Benzo[g,h,i]perylene ...	18.443	45301	0.458 ug/ml

(f)=RT Delta > 1/2 Window

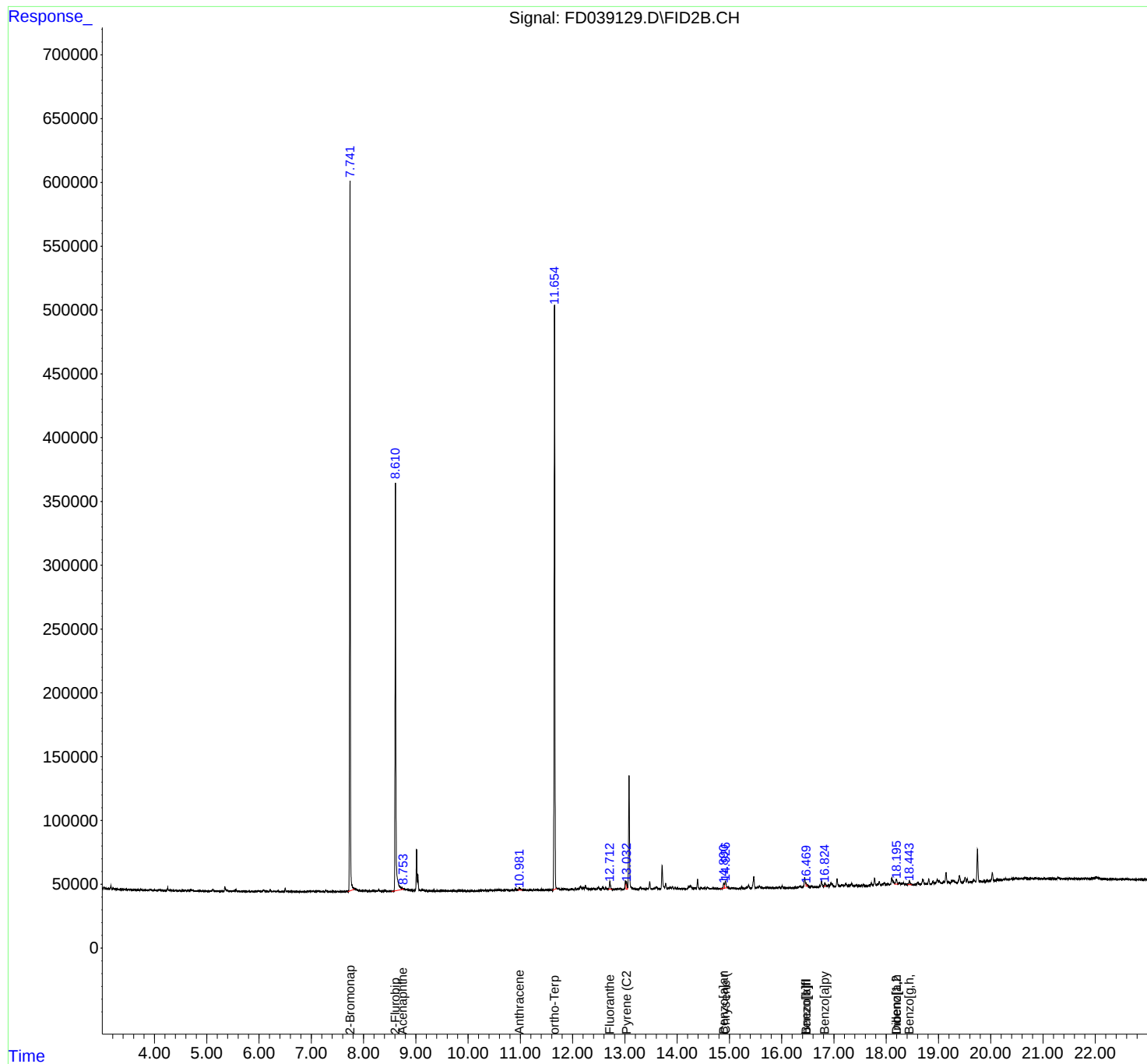
(m)=manual int.

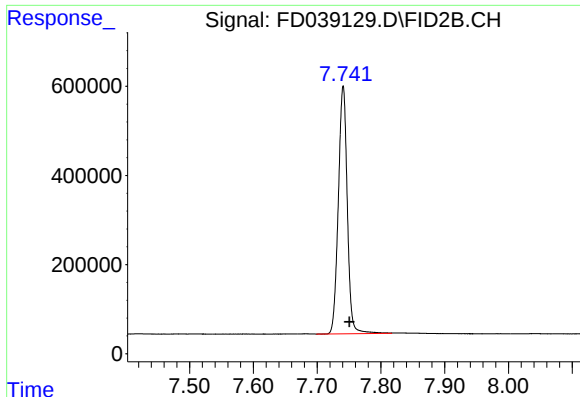
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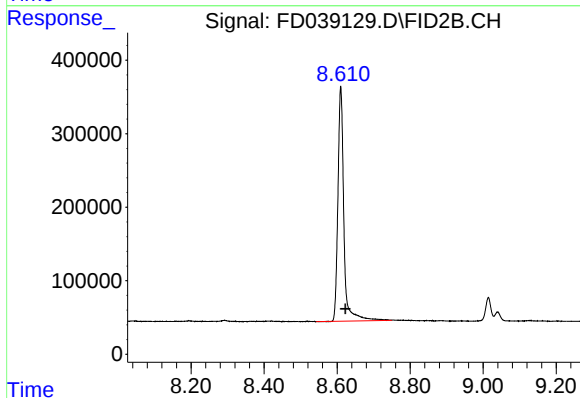




#4 2-Bromonaphthalene (SURR)

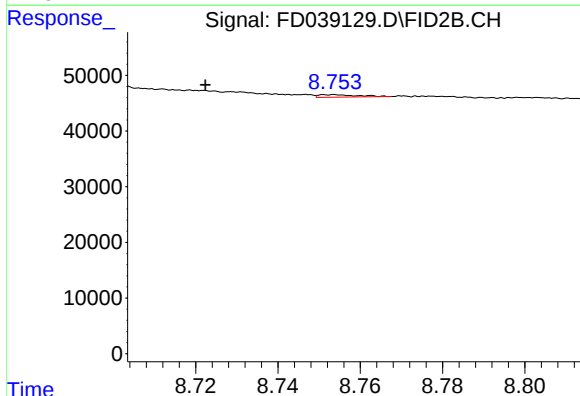
R.T.: 7.741 min
Delta R.T.: -0.010 min
Response: 5429918
Conc: 48.53 ug/ml

Instrument :
FID_D
ClientSampleId :



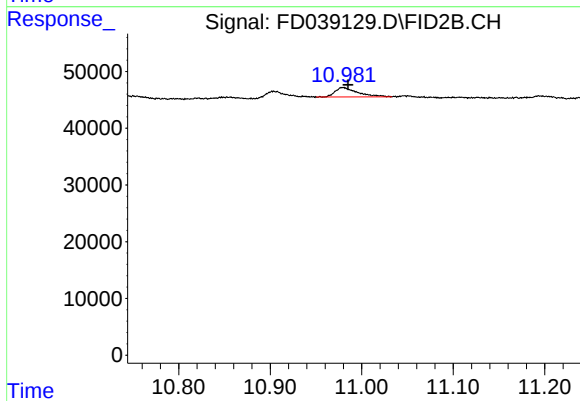
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.610 min
Delta R.T.: -0.012 min
Response: 3609313
Conc: 48.13 ug/ml



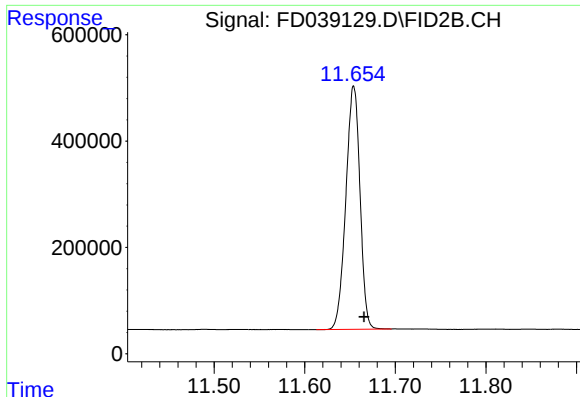
#7 Acenaphthene (C15.5)

R.T.: 8.754 min
Delta R.T.: 0.031 min
Response: 2930
Conc: 0.02 ug/ml



#10 Anthracene (C19.43)

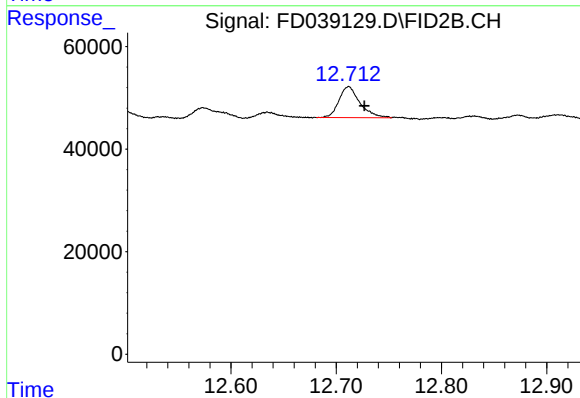
R.T.: 10.980 min
Delta R.T.: -0.005 min
Response: 27976
Conc: 0.23 ug/ml



#11 ortho-Terphenyl (SURR)

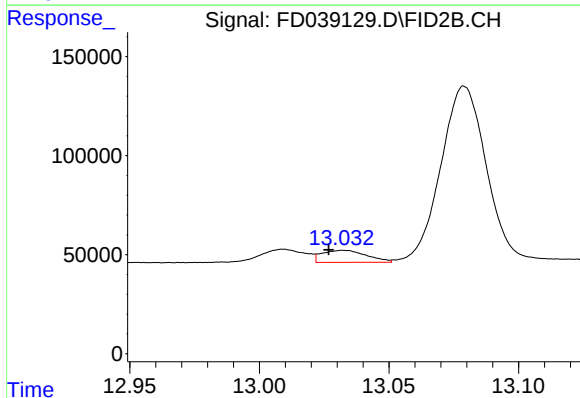
R.T.: 11.654 min
Delta R.T.: -0.011 min
Response: 4959278
Conc: 40.10 ug/ml

Instrument :
FID_D
ClientSampleId :



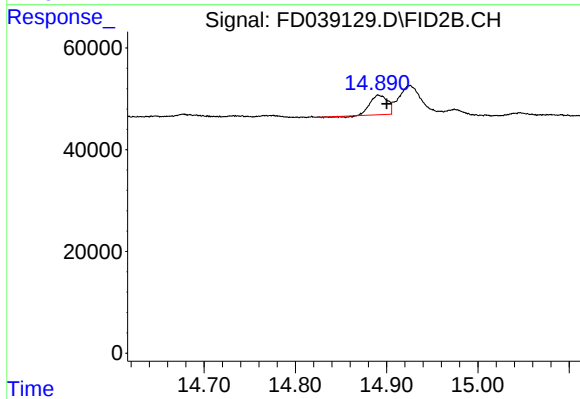
#12 Fluoranthene (C21.85)

R.T.: 12.712 min
Delta R.T.: -0.015 min
Response: 83500
Conc: 0.70 ug/ml



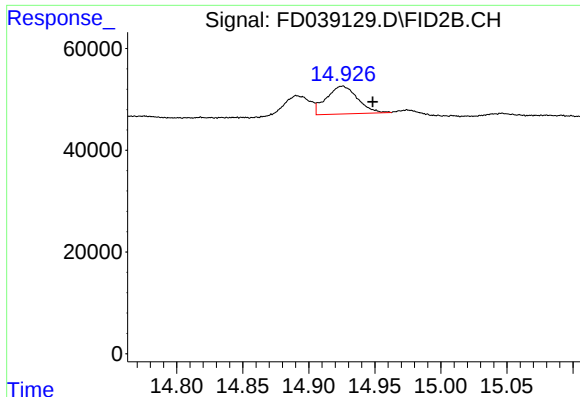
#13 Pyrene (C20.8)

R.T.: 13.032 min
Delta R.T.: 0.006 min
Response: 72713
Conc: 0.64 ug/ml



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

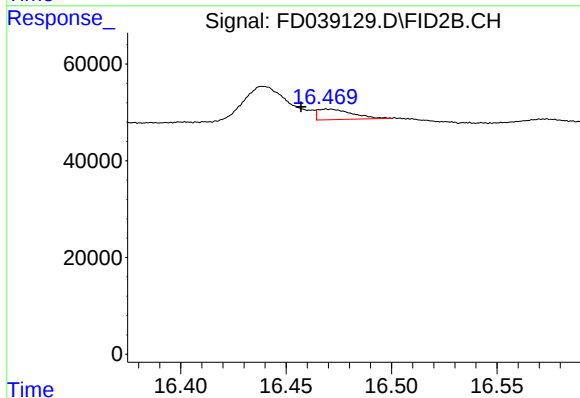
R.T.: 14.891 min
Delta R.T.: -0.010 min
Response: 49765
Conc: 0.51 ug/ml



#15 Chrysene (C27.41)

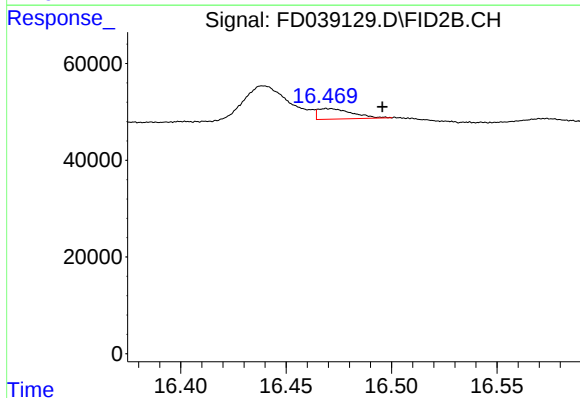
R.T.: 14.926 min
Delta R.T.: -0.022 min
Response: 90010
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



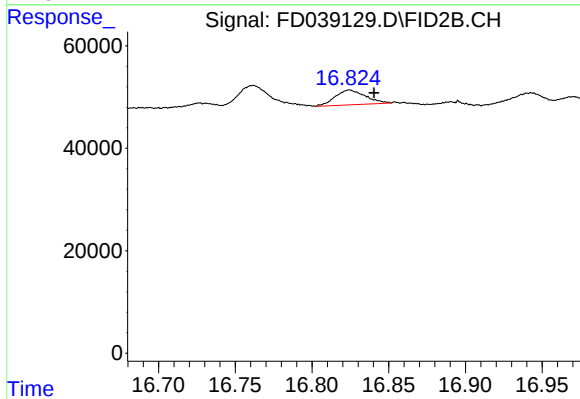
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.469 min
Delta R.T.: 0.012 min
Response: 24596
Conc: 0.25 ug/ml



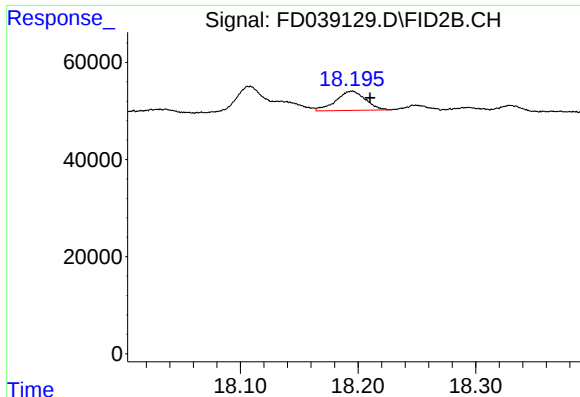
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.469 min
Delta R.T.: -0.027 min
Response: 24596
Conc: 0.23 ug/ml



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

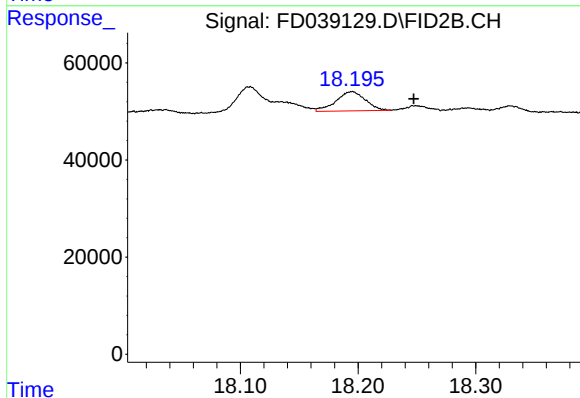
R.T.: 16.824 min
Delta R.T.: -0.016 min
Response: 39411
Conc: 0.41 ug/ml



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

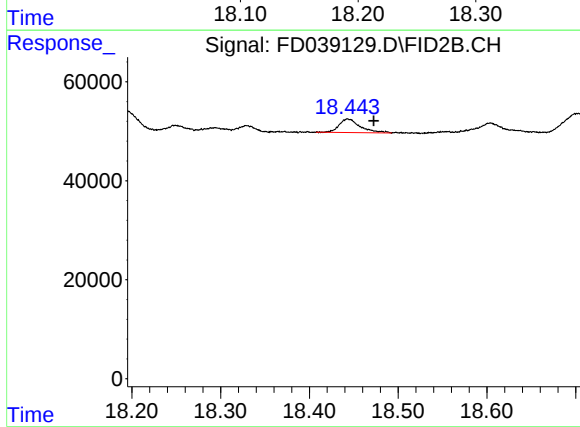
R.T.: 18.195 min
Delta R.T.: -0.015 min
Response: 69000
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.195 min
Delta R.T.: -0.052 min
Response: 69000
Conc: 0.67 ug/ml



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

R.T.: 18.443 min
Delta R.T.: -0.030 min
Response: 45301
Conc: 0.46 ug/ml