

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043876.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 18:20
 Operator : YP/AJ
 Sample : N4430-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 19:42:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.430	5118007	38.897 ug/ml
Spiked Amount 50.000		Recovery =	77.79%
6) S 2-Fluorobiphenyl (SURR)	8.285	3022234	41.895 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.79%
11) S ortho-Terphenyl (SURR)	11.316	5540826	29.743 ug/ml
Spiked Amount 50.000		Recovery =	59.49%
Target Compounds			
7) T Acenaphthene (C15.5)	8.401	118770	0.679 ug/ml
9) T Phenanthrene (C19.36)	10.594	180419	1.247 ug/ml
10) T Anthracene (C19.43)	10.594	180419	1.229 ug/ml
12) T Fluoranthene (C21.85)	12.372	473673	3.088 ug/ml
13) T Pyrene (C20.8)	12.665	402351	2.705 ug/ml
14) T Benzo[a]anthracene (C...	14.560	118437	1.059 ug/ml
15) T Chrysene (C27.41)	14.560	118437	0.758 ug/ml
16) T benzo[b]fluoranthene ...	16.099	174736	1.498 ug/ml
17) T Bnezo[k]fluoranthene ...	16.099	174736	1.177 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.417	106791	0.882 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.859f	57356	0.603 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	57356	0.477 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	80927	0.710 ug/ml

(f)=RT Delta > 1/2 Window

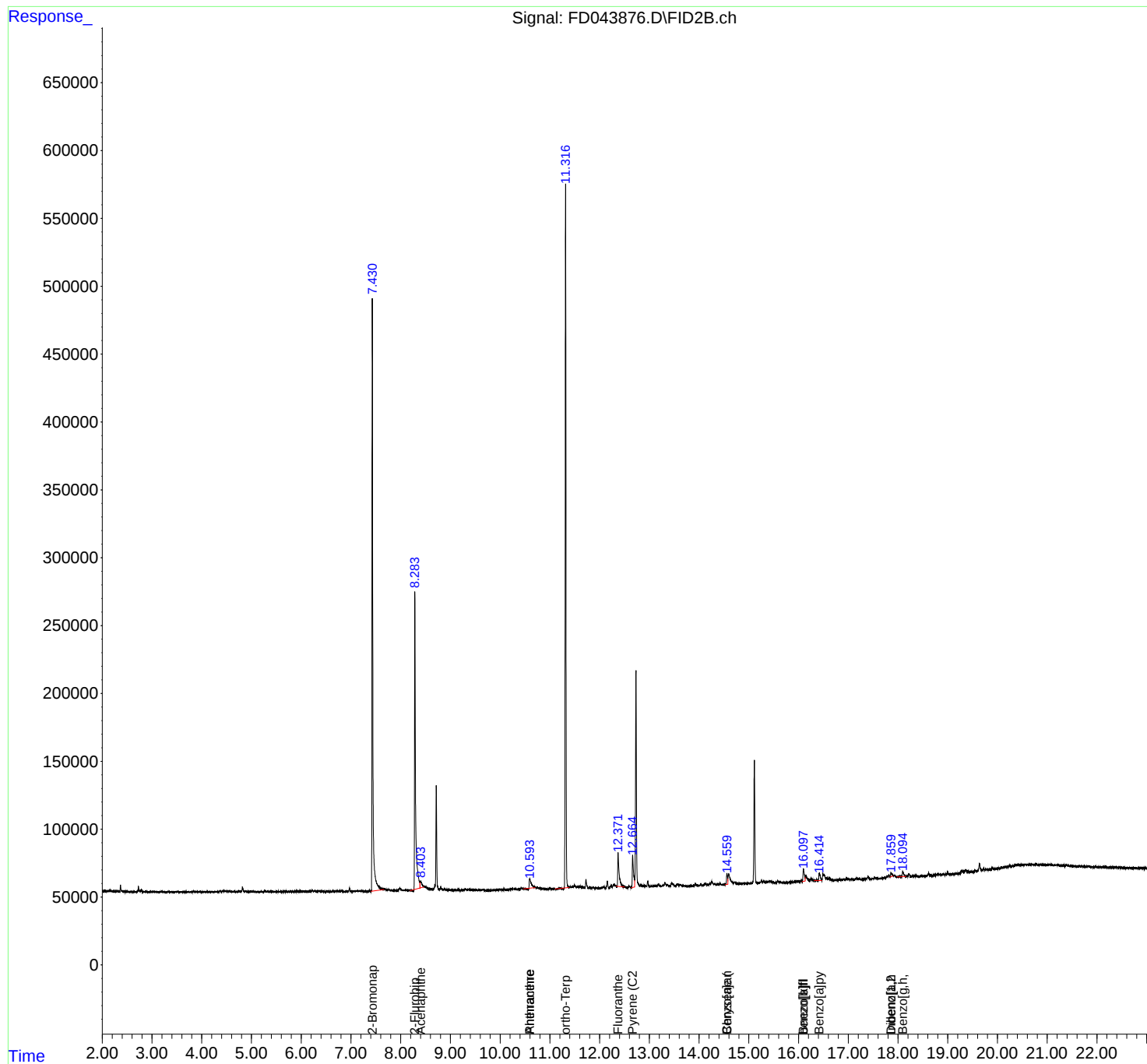
(m)=manual int.

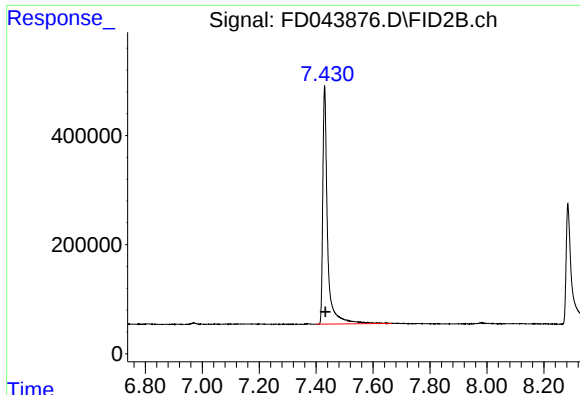
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

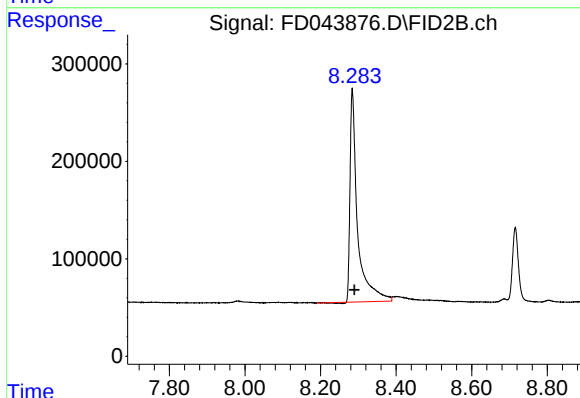




#4 2-Bromonaphthalene (SURRE)

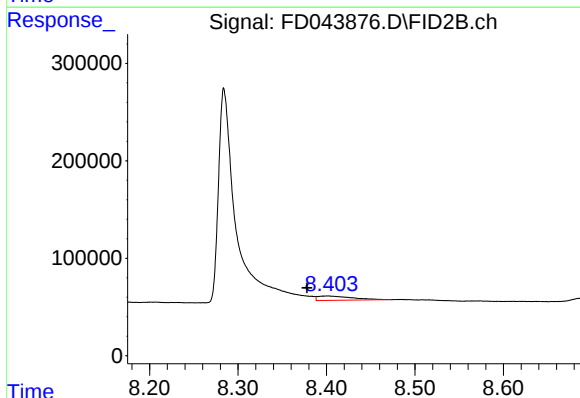
R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 5118007
Conc: 38.90 ug/ml

Instrument :
FID_D
ClientSampleId :



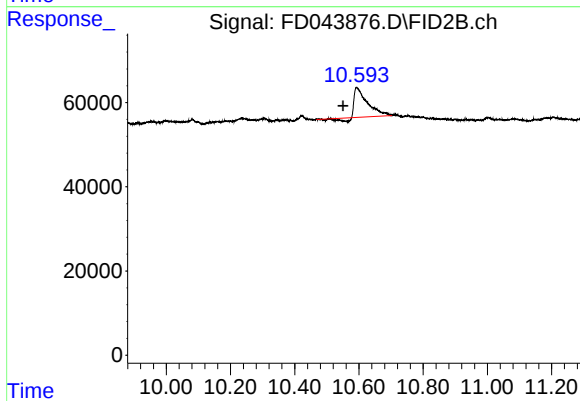
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.285 min
Delta R.T.: -0.005 min
Response: 3022234
Conc: 41.89 ug/ml



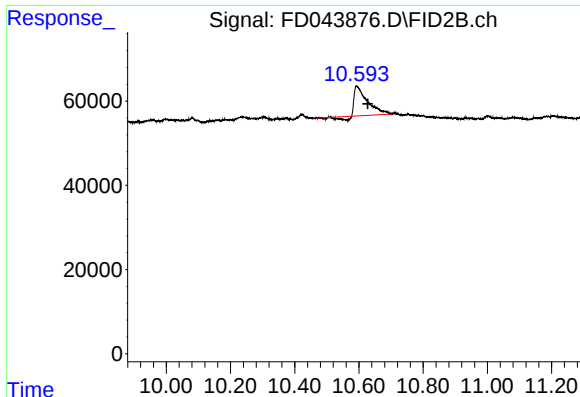
#7 Acenaphthene (C15.5)

R.T.: 8.401 min
Delta R.T.: 0.023 min
Response: 118770
Conc: 0.68 ug/ml



#9 Phenanthrene (C19.36)

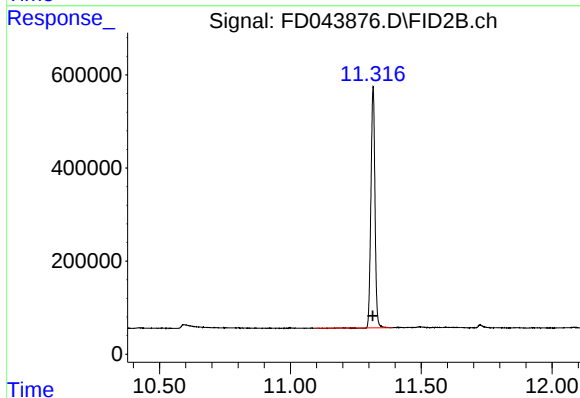
R.T.: 10.594 min
Delta R.T.: 0.043 min
Response: 180419
Conc: 1.25 ug/ml



#10 Anthracene (C19.43)

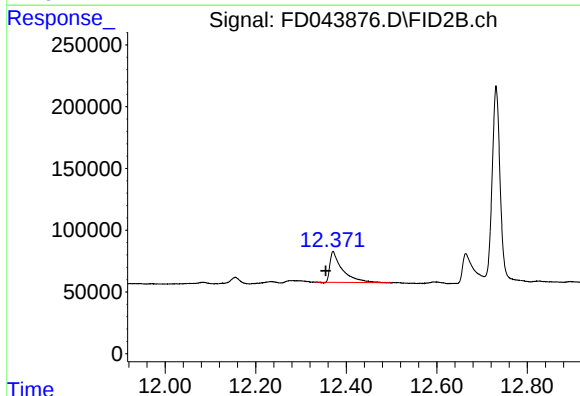
R.T.: 10.594 min
Delta R.T.: -0.034 min
Response: 180419
Conc: 1.23 ug/ml

Instrument :
FID_D
ClientSampleId :



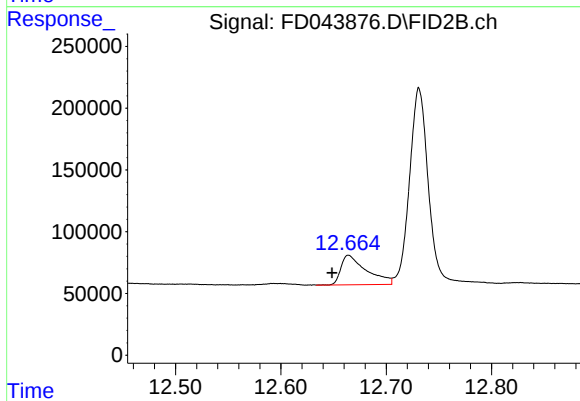
#11 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: 0.000 min
Response: 5540826
Conc: 29.74 ug/ml



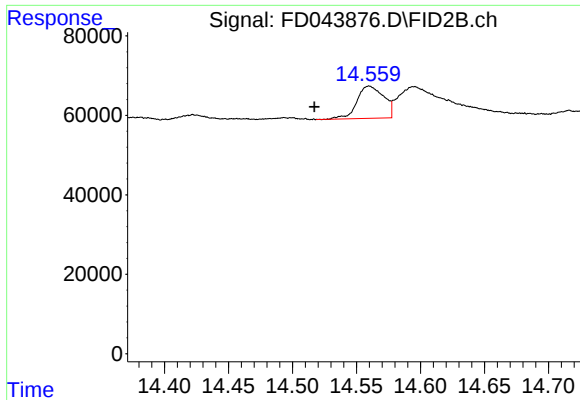
#12 Fluoranthene (C21.85)

R.T.: 12.372 min
Delta R.T.: 0.016 min
Response: 473673
Conc: 3.09 ug/ml



#13 Pyrene (C20.8)

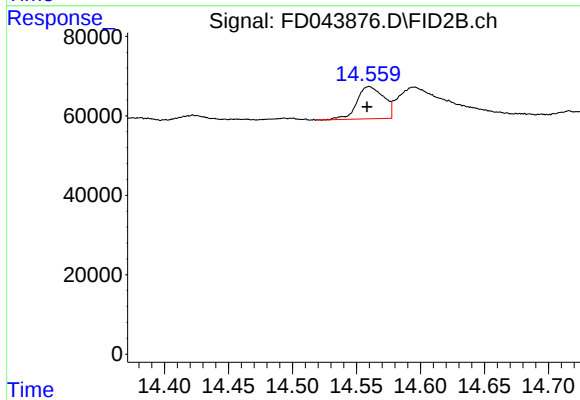
R.T.: 12.665 min
Delta R.T.: 0.016 min
Response: 402351
Conc: 2.70 ug/ml



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

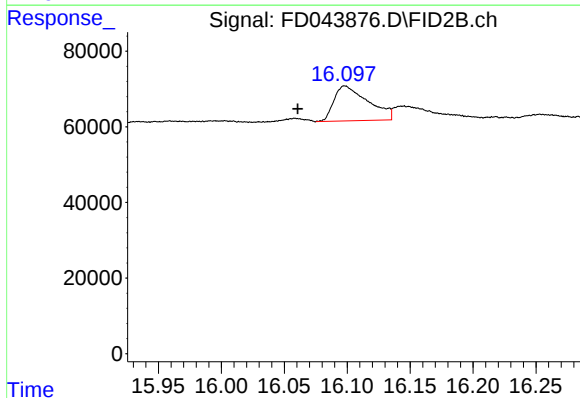
R.T.: 14.560 min
Delta R.T.: 0.043 min
Response: 118437
Conc: 1.06 ug/ml

Instrument :
FID_D
ClientSampleId :



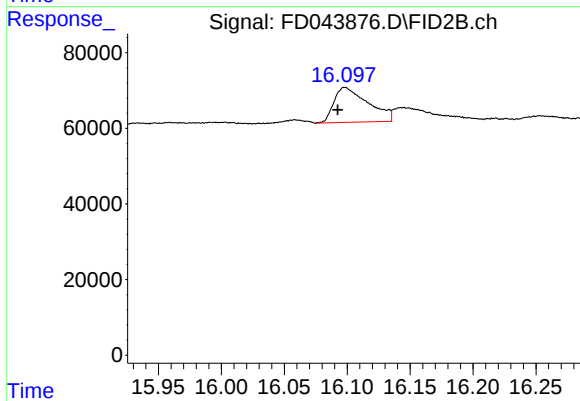
#15 Chrysene (C27.41)

R.T.: 14.560 min
Delta R.T.: 0.002 min
Response: 118437
Conc: 0.76 ug/ml



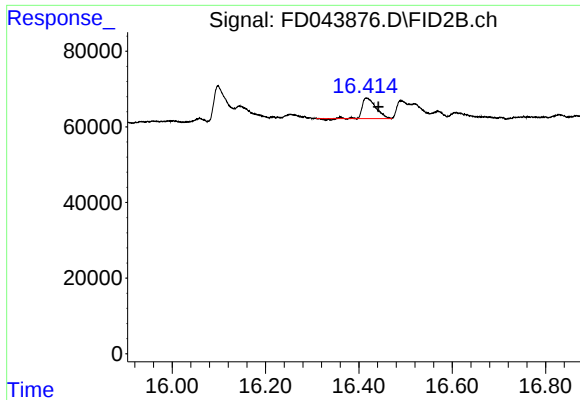
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.099 min
Delta R.T.: 0.038 min
Response: 174736
Conc: 1.50 ug/ml



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

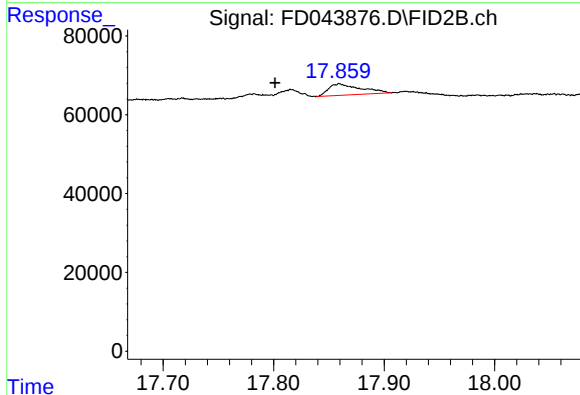
R.T.: 16.099 min
Delta R.T.: 0.006 min
Response: 174736
Conc: 1.18 ug/ml



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

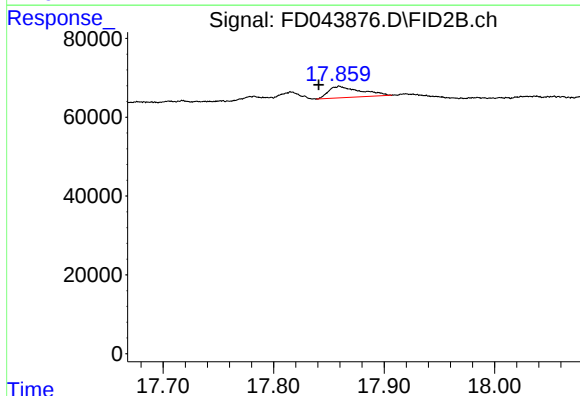
R.T.: 16.417 min
Delta R.T.: -0.025 min
Response: 106791
Conc: 0.88 ug/ml

Instrument :
FID_D
ClientSampleId :



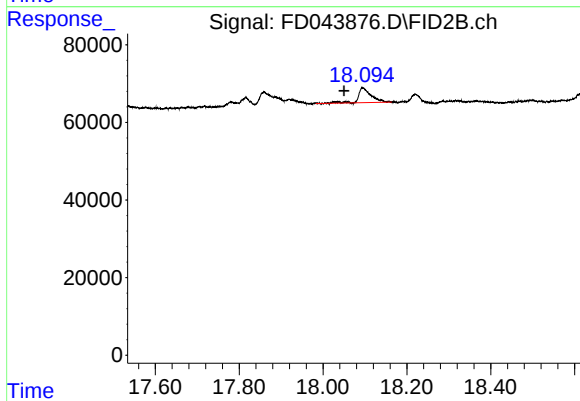
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.859 min
Delta R.T.: 0.058 min
Response: 57356
Conc: 0.60 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.018 min
Response: 57356
Conc: 0.48 ug/ml



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

R.T.: 18.095 min
Delta R.T.: 0.045 min
Response: 80927
Conc: 0.71 ug/ml