

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031921AR\
 Data File : FD036443.D
 Signal(s) : FID2B.CH
 Acq On : 19 Mar 2021 21:54
 Operator : DD\AJ
 Sample : M1720-09
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 20 00:27:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.598	4770889	40.475 ug/ml
Spiked Amount 50.000		Recovery =	80.95%
6) S 2-Fluorobiphenyl (SURR)	8.458	3147585	37.822 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.64%
11) S ortho-Terphenyl (SURR)	11.499	4472385	31.745 ug/ml
Spiked Amount 50.000		Recovery =	63.49%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.272	41645	0.310 ug/ml
9) T Phenanthrene (C19.36)	10.726	544804	3.954 ug/ml
10) T Anthracene (C19.43)	10.800	66933	0.499 ug/ml
12) T Fluoranthene (C21.85)	12.536	1426088	10.269 ug/ml
13) T Pyrene (C20.8)	12.831	1067835	7.789 ug/ml
14) T Benzo[a]anthracene (C...	14.697	568488	4.495 ug/ml
15) T Chrysene (C27.41)	14.738	674995	5.212 ug/ml
16) T benzo[b]fluoranthene ...	16.272	283802	2.332 ug/ml
17) T Bnezo[k]fluoranthene ...	16.272	283802	2.410 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	547963	4.969 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.024	158691	1.434 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	158691	1.434 ug/ml
21) T Benzo[g,h,i]perylene ...	18.229	339405	3.070 ug/ml

(f)=RT Delta > 1/2 Window

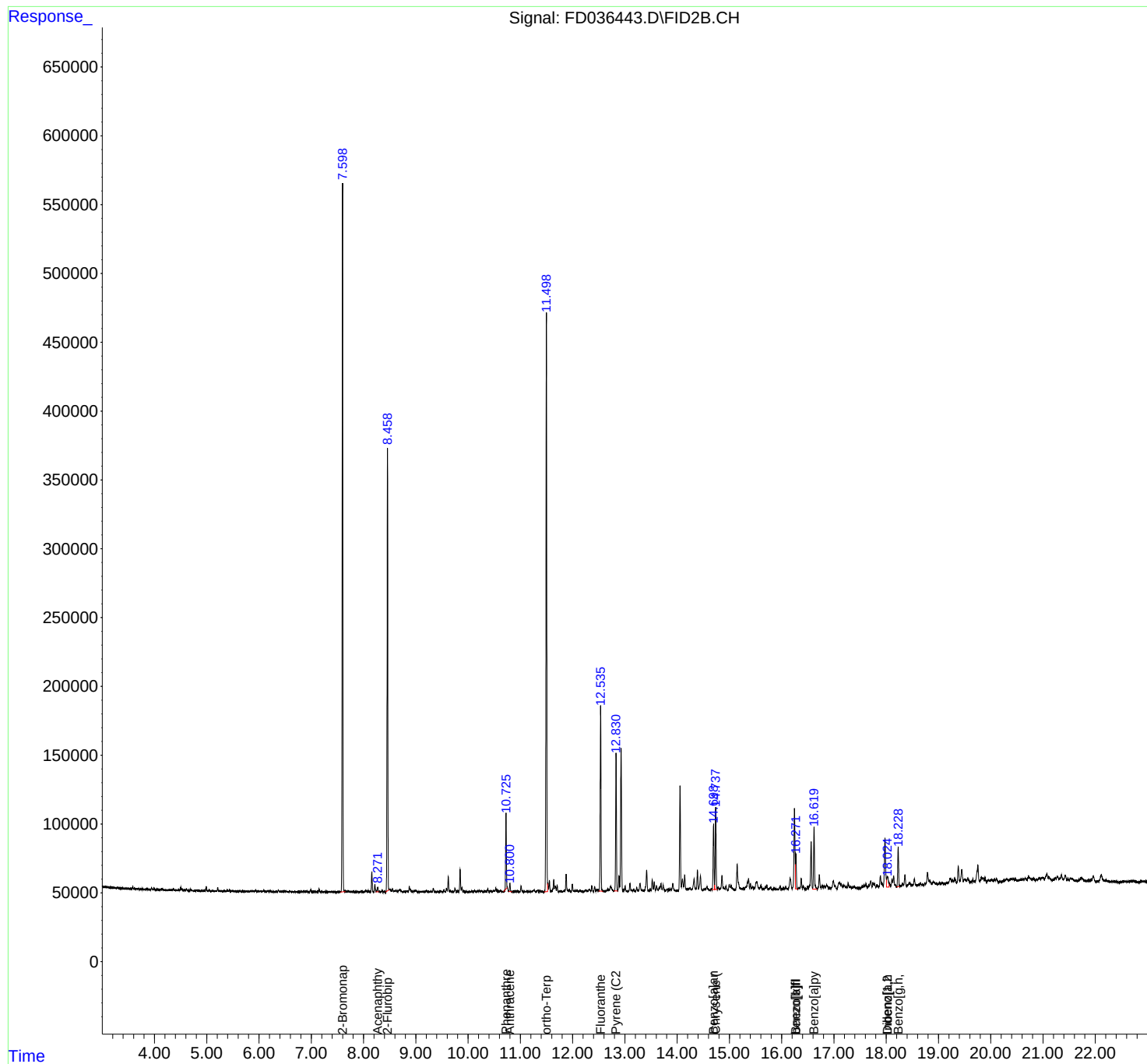
(m)=manual int.

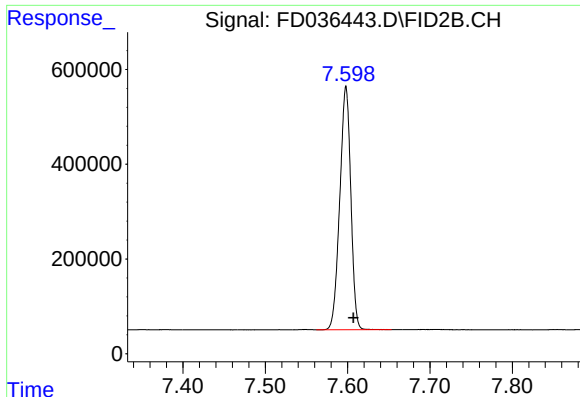
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Signal Info : 20M x 0.18mm x 0.18µm

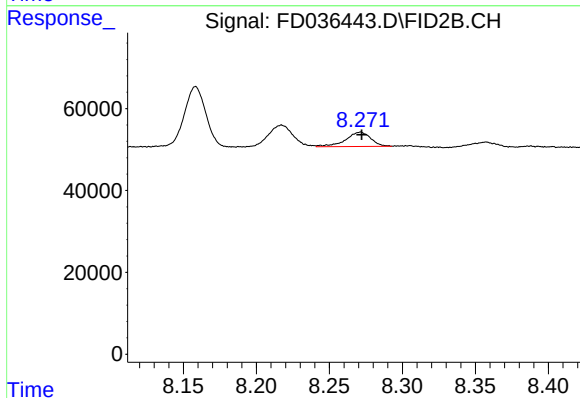




#4 2-Bromonaphthalene (SURR)

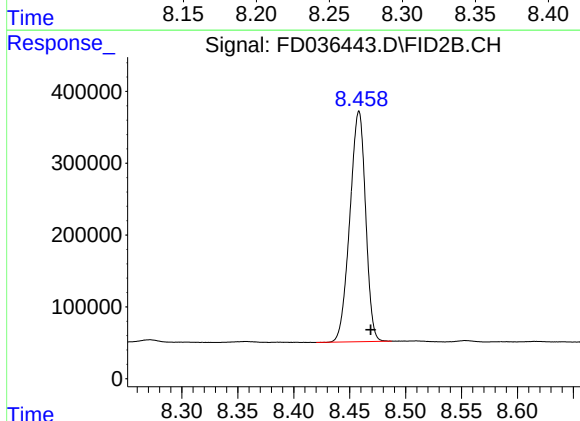
R.T.: 7.598 min
Delta R.T.: -0.009 min
Response: 4770889
Conc: 40.48 ug/ml

Instrument :
FID_D
ClientSampleId :



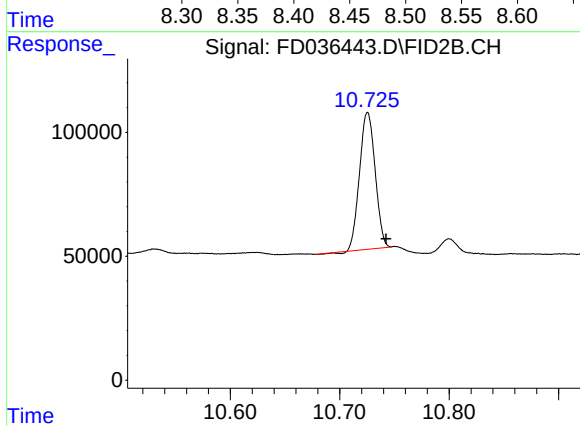
#5 Acenaphthylene (C15.06)

R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 41645
Conc: 0.31 ug/ml



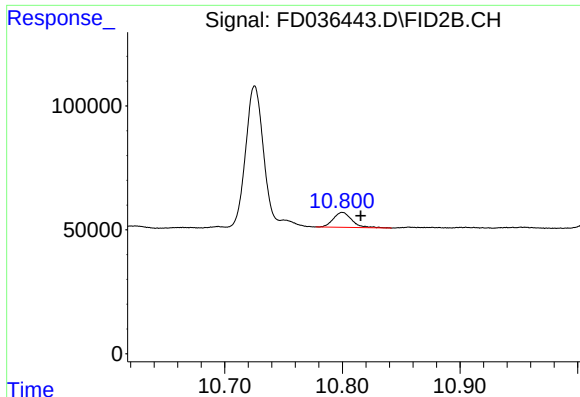
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.458 min
Delta R.T.: -0.011 min
Response: 3147585
Conc: 37.82 ug/ml



#9 Phenanthrene (C19.36)

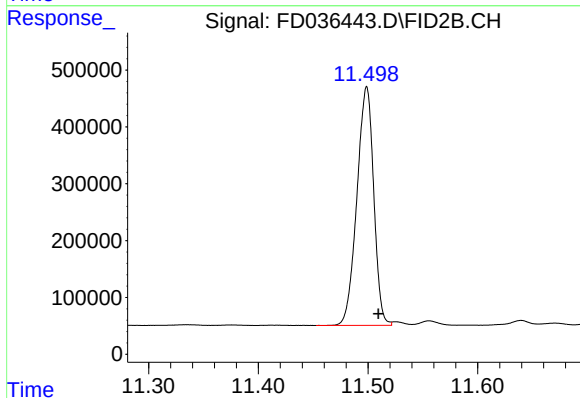
R.T.: 10.726 min
Delta R.T.: -0.017 min
Response: 544804
Conc: 3.95 ug/ml



#10 Anthracene (C19.43)

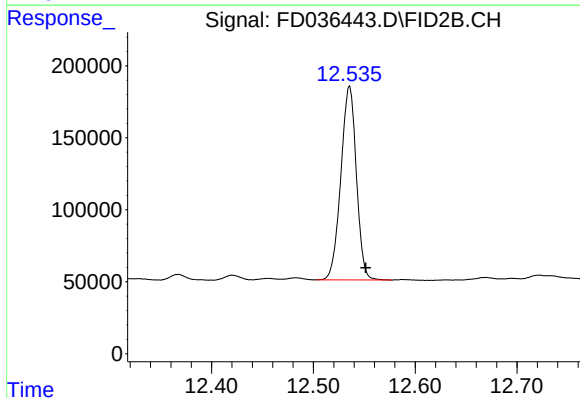
R.T.: 10.800 min
Delta R.T.: -0.015 min
Response: 66933
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



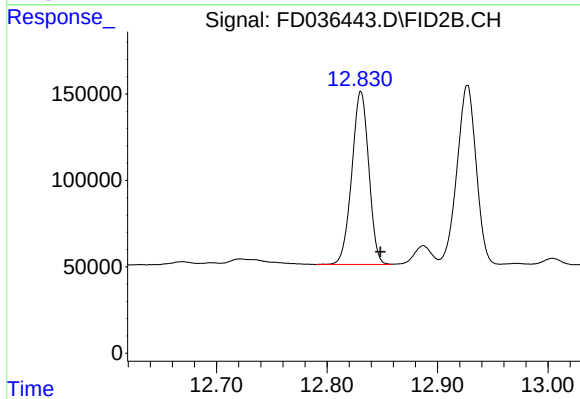
#11 ortho-Terphenyl (SURR)

R.T.: 11.499 min
Delta R.T.: -0.011 min
Response: 4472385
Conc: 31.74 ug/ml



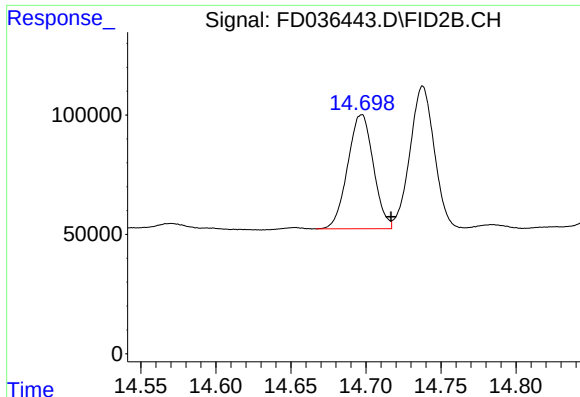
#12 Fluoranthene (C21.85)

R.T.: 12.536 min
Delta R.T.: -0.016 min
Response: 1426088
Conc: 10.27 ug/ml



#13 Pyrene (C20.8)

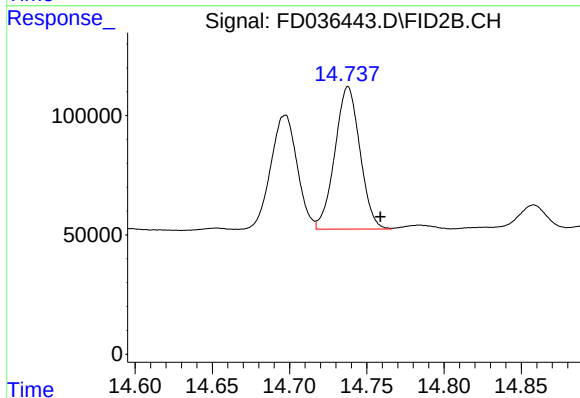
R.T.: 12.831 min
Delta R.T.: -0.018 min
Response: 1067835
Conc: 7.79 ug/ml



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

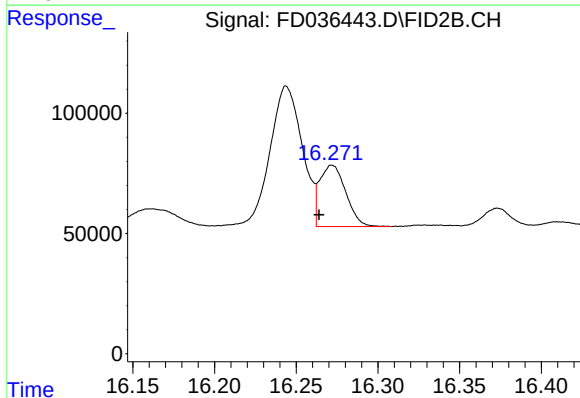
R.T.: 14.697 min
Delta R.T.: -0.020 min
Response: 568488
Conc: 4.49 ug/ml

Instrument :
FID_D
ClientSampleId :



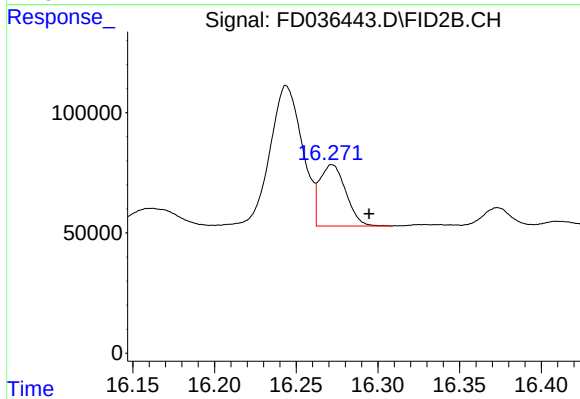
#15 Chrysene (C27.41)

R.T.: 14.738 min
Delta R.T.: -0.021 min
Response: 674995
Conc: 5.21 ug/ml



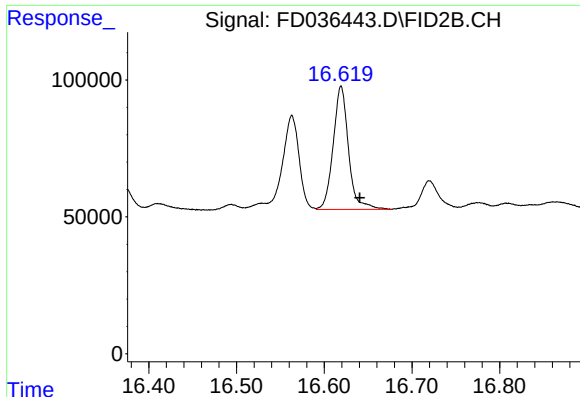
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.272 min
Delta R.T.: 0.008 min
Response: 283802
Conc: 2.33 ug/ml



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

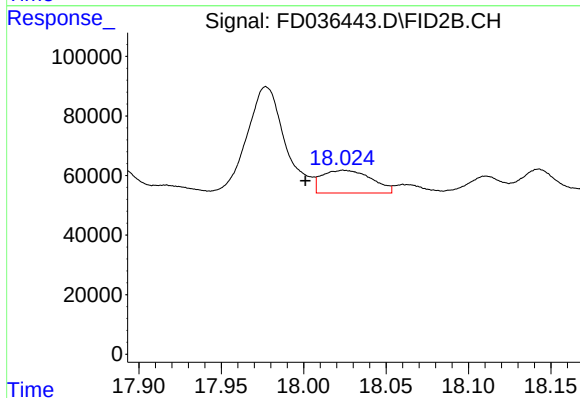
R.T.: 16.272 min
Delta R.T.: -0.022 min
Response: 283802
Conc: 2.41 ug/ml



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

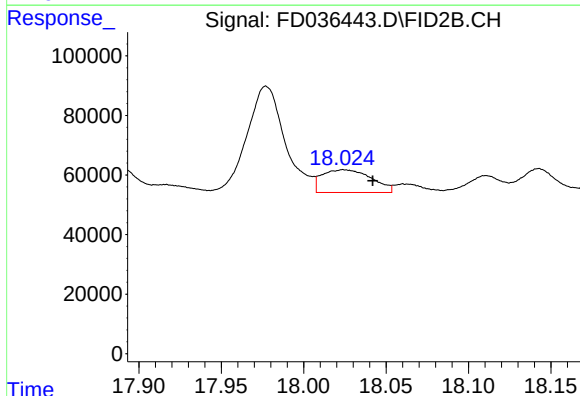
R.T.: 16.619 min
Delta R.T.: -0.021 min
Response: 547963
Conc: 4.97 ug/ml

Instrument :
FID_D
ClientSampleId :



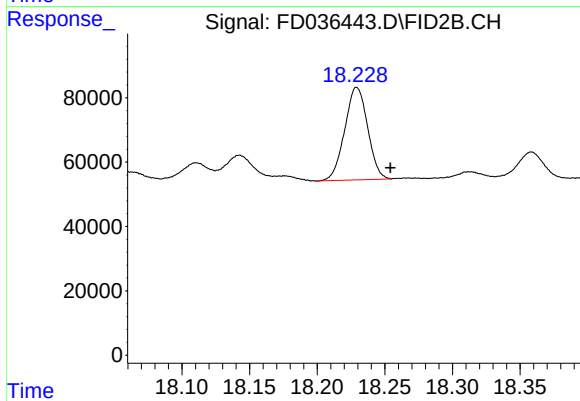
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.024 min
Delta R.T.: 0.023 min
Response: 158691
Conc: 1.43 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.018 min
Response: 158691
Conc: 1.43 ug/ml



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

R.T.: 18.229 min
Delta R.T.: -0.025 min
Response: 339405
Conc: 3.07 ug/ml