

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
 Data File : FD043641.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 01:55
 Operator : YP/AJ
 Sample : N4124-09
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 04:17:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.610	4920731	34.787 ug/ml
Spiked Amount 50.000		Recovery =	69.57%
6) S 2-Fluorobiphenyl (SURR)	8.473	3231959	33.997 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.99%
11) S ortho-Terphenyl (SURR)	11.518	2779331	16.398 ug/ml
Spiked Amount 50.000		Recovery =	32.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.405	55657	0.355 ug/ml
9) T Phenanthrene (C19.36)	10.753	68600	0.438 ug/ml
12) T Fluoranthene (C21.85)	12.564	179799	1.135 ug/ml
13) T Pyrene (C20.8)	12.861	196697	1.252 ug/ml
14) T Benzo[a]anthracene (C...	14.737	127879	0.867 ug/ml
15) T Chrysene (C27.41)	14.776	213773	1.368 ug/ml
16) T benzo[b]fluoranthene ...	16.290	400094	2.675 ug/ml
17) T Bnezo[k]fluoranthene ...	16.290	400094	2.666 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.667	232714	1.646 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	196158	1.660 ug/ml
20) T Dibenz[a,h]anthracene...	18.082	164066	1.157 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	233262	1.794 ug/ml

(f)=RT Delta > 1/2 Window

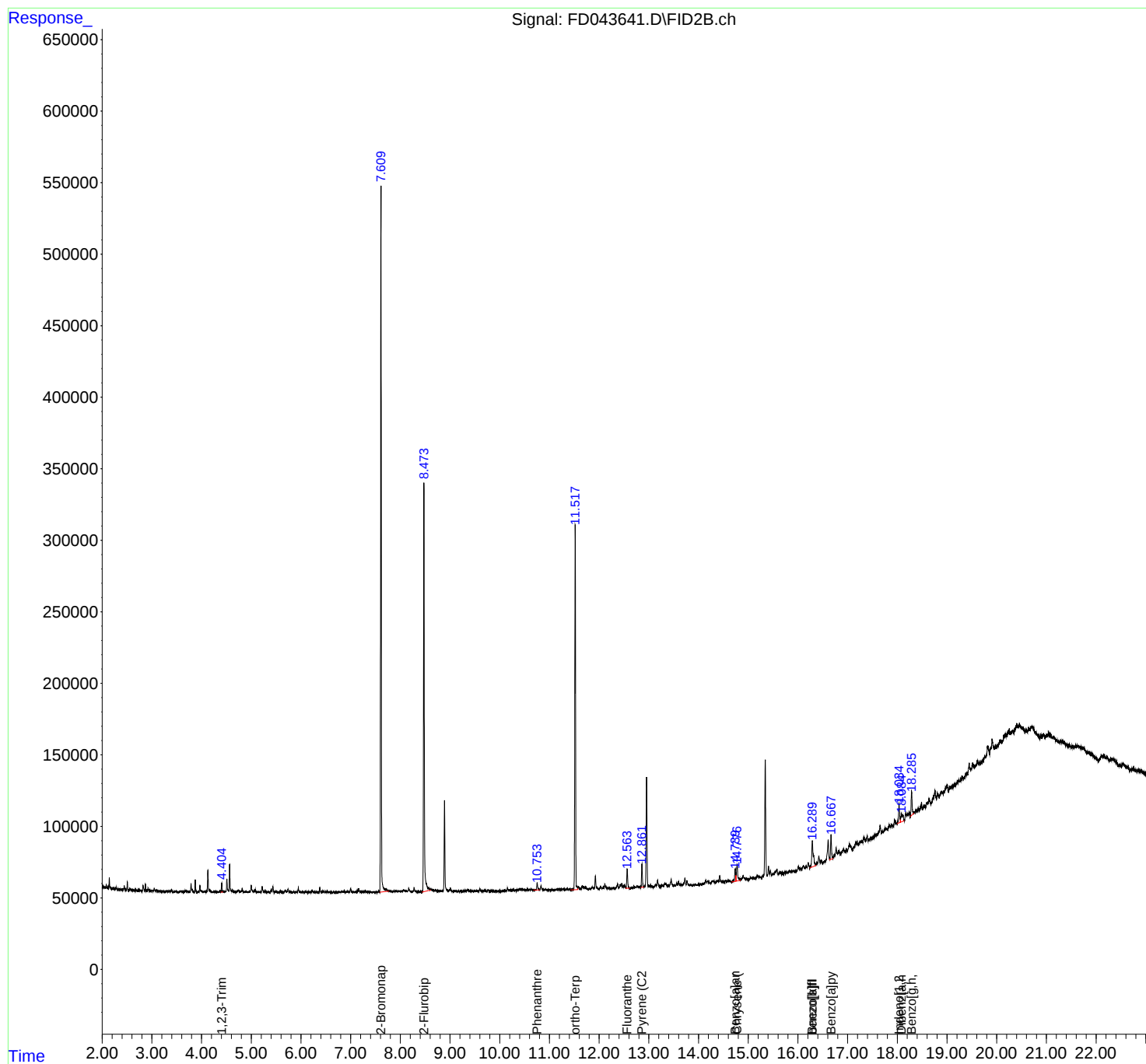
(m)=manual int.

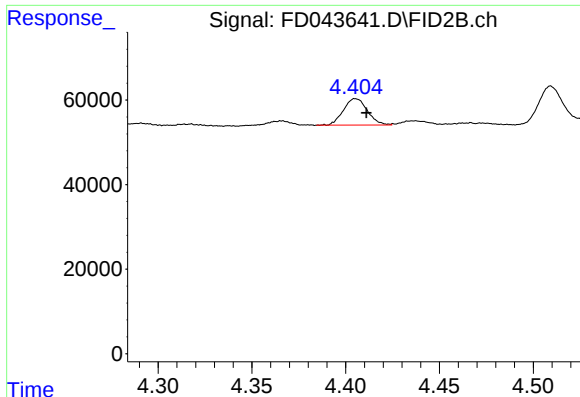
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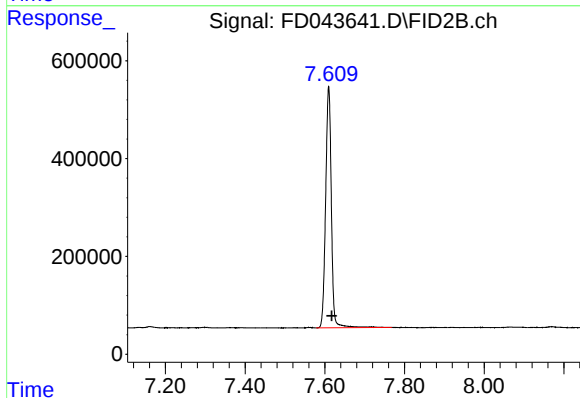




#1 1,2,3-Trimethylbenzene (C10.1)

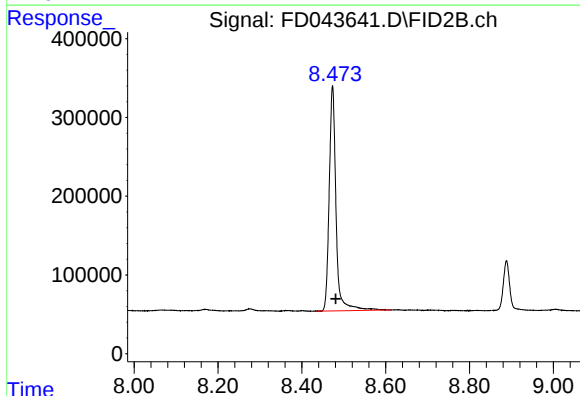
R.T.: 4.405 min
Delta R.T.: -0.006 min
Response: 55657
Conc: 0.35 ug/ml

Instrument :
FID_B
ClientSampleId :



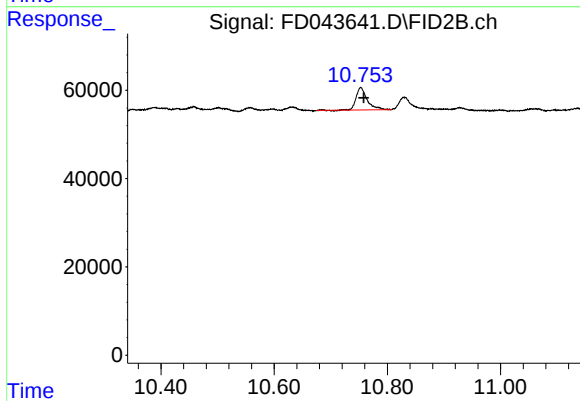
#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min
Delta R.T.: -0.008 min
Response: 4920731
Conc: 34.79 ug/ml



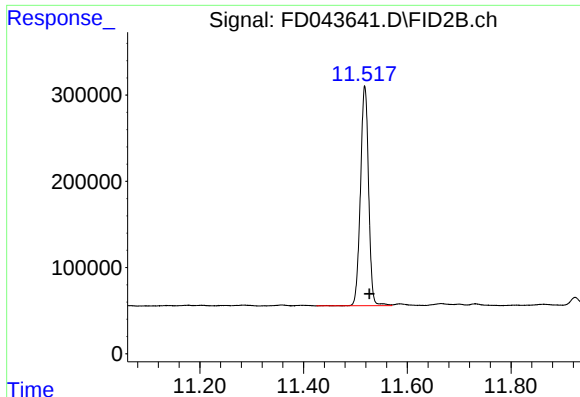
#6 2-Flurobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.008 min
Response: 3231959
Conc: 34.00 ug/ml



#9 Phenanthrene (C19.36)

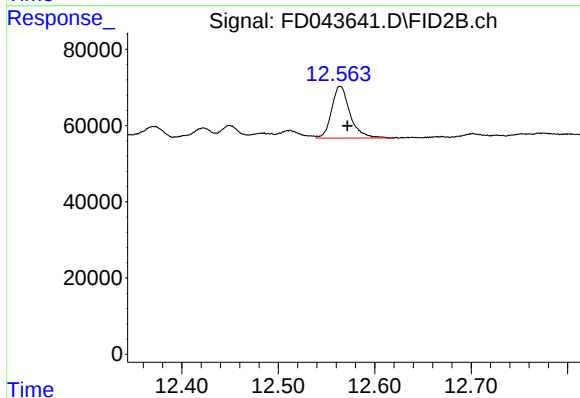
R.T.: 10.753 min
Delta R.T.: -0.005 min
Response: 68600
Conc: 0.44 ug/ml



#11 ortho-Terphenyl (SURR)

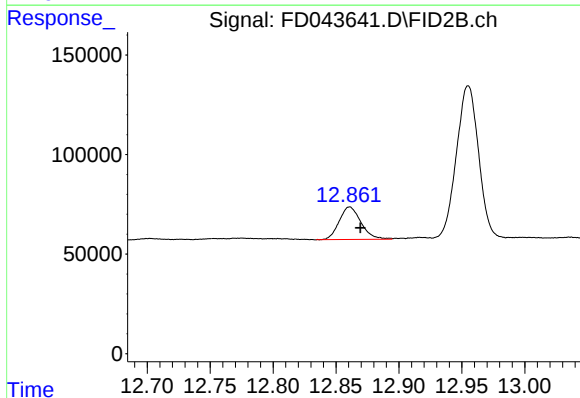
R.T.: 11.518 min
Delta R.T.: -0.009 min
Response: 2779331
Conc: 16.40 ug/ml

Instrument :
FID_B
ClientSampleId :



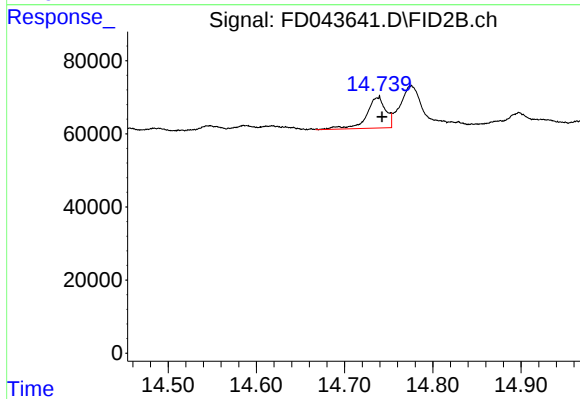
#12 Fluoranthene (C21.85)

R.T.: 12.564 min
Delta R.T.: -0.007 min
Response: 179799
Conc: 1.14 ug/ml



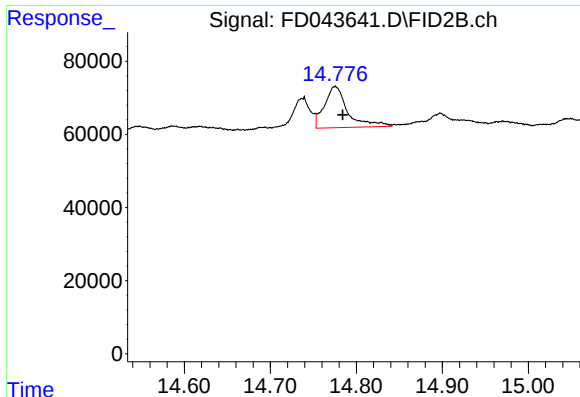
#13 Pyrene (C20.8)

R.T.: 12.861 min
Delta R.T.: -0.008 min
Response: 196697
Conc: 1.25 ug/ml



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

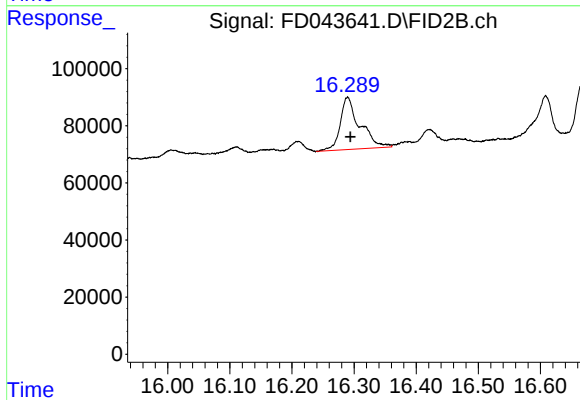
R.T.: 14.737 min
Delta R.T.: -0.005 min
Response: 127879
Conc: 0.87 ug/ml



#15 Chrysene (C27.41)

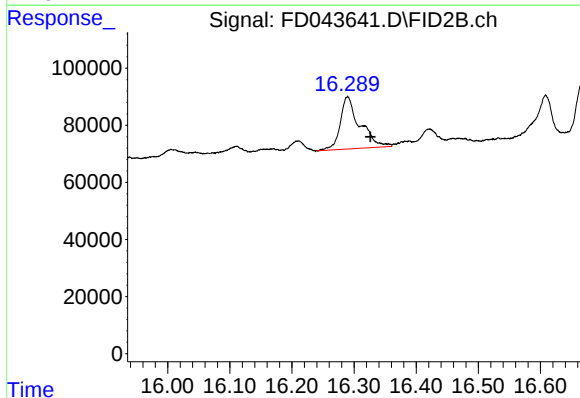
R.T.: 14.776 min
Delta R.T.: -0.008 min
Response: 213773
Conc: 1.37 ug/ml

Instrument :
FID_B
ClientSampleId :



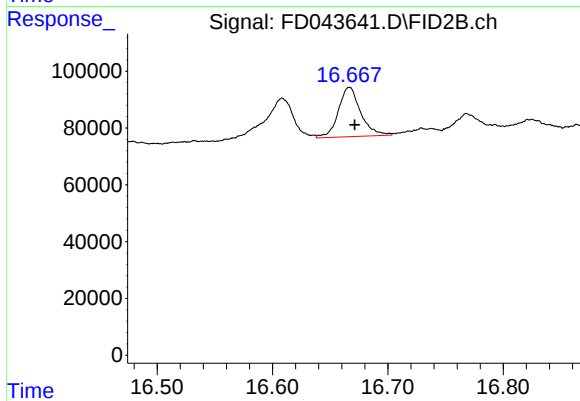
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.290 min
Delta R.T.: -0.004 min
Response: 400094
Conc: 2.67 ug/ml



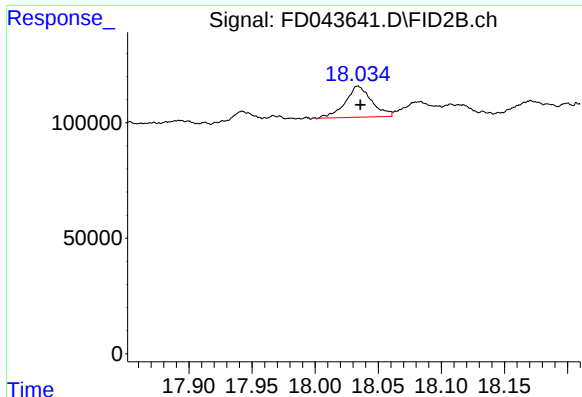
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.290 min
Delta R.T.: -0.037 min
Response: 400094
Conc: 2.67 ug/ml



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

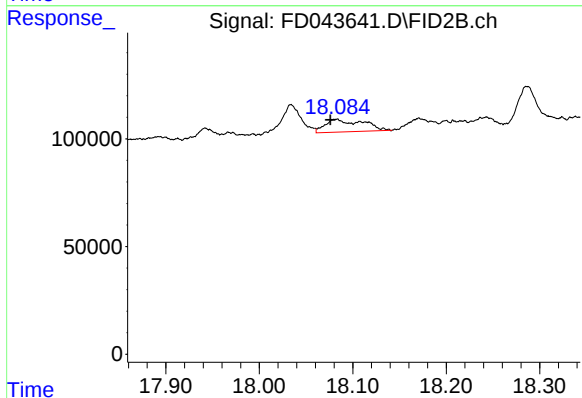
R.T.: 16.667 min
Delta R.T.: -0.005 min
Response: 232714
Conc: 1.65 ug/ml



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

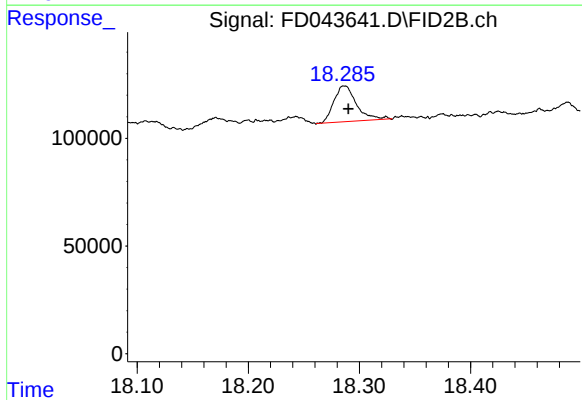
R.T.: 18.034 min
Delta R.T.: -0.001 min
Response: 196158
Conc: 1.66 ug/ml

Instrument :
FID_B
ClientSampleId :



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

R.T.: 18.082 min
Delta R.T.: 0.006 min
Response: 164066
Conc: 1.16 ug/ml



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

R.T.: 18.287 min
Delta R.T.: -0.003 min
Response: 233262
Conc: 1.79 ug/ml