

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045945.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 05:01
 Operator : YP/AJ
 Sample : 03327-09D
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 25 05:35:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.522	8020050	44.485 ug/ml
Spiked Amount 50.000		Recovery =	88.97%
6) S 2-Fluorobiphenyl (SURR)	8.376	4881061	40.599 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.20%
11) S ortho-Terphenyl (SURR)	11.416	8396376	37.590 ug/ml
Spiked Amount 50.000		Recovery =	75.18%
Target Compounds			
9) T Phenanthrene (C19.36)	10.639	399484	2.088 ug/ml
10) T Anthracene (C19.43)	10.713	85360	0.501 ug/ml
12) T Fluoranthene (C21.85)	12.442	666087	3.605 ug/ml
13) T Pyrene (C20.8)	12.736	515044	2.884 ug/ml
14) T Benzo[a]anthracene (C...	14.639	323778	2.068 ug/ml
15) T Chrysene (C27.41)	14.639	323778	1.963 ug/ml
16) T benzo[b]fluoranthene ...	16.169	152856	1.010 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	152856	0.987 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	292530	2.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.871	196592	1.342 ug/ml
20) T Dibenz[a,h]anthracene...	17.871f	196592	1.310 ug/ml
21) T Benzo[g,h,i]perylene ...	18.120	171194	1.160 ug/ml

(f)=RT Delta > 1/2 Window

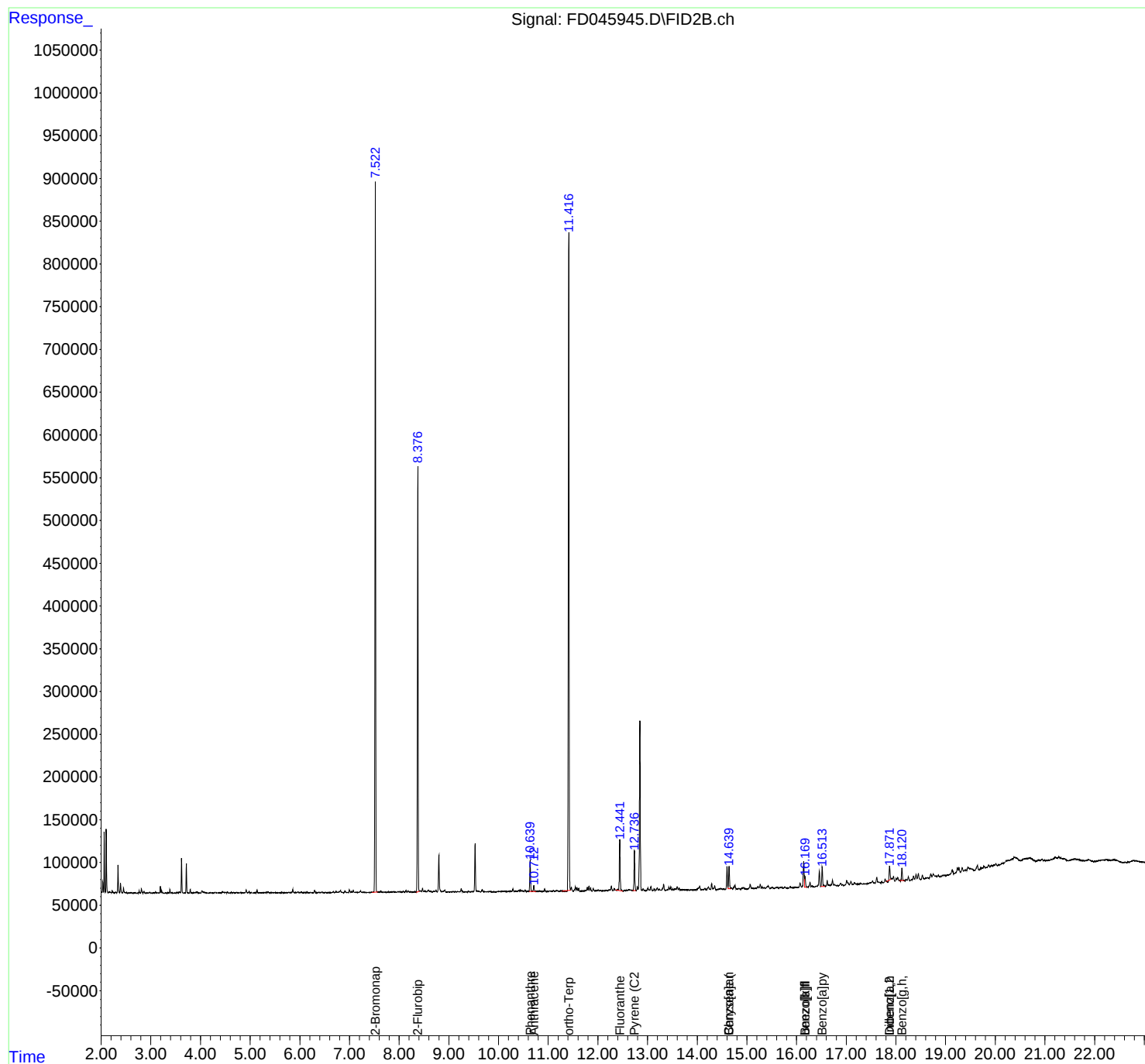
(m)=manual int.

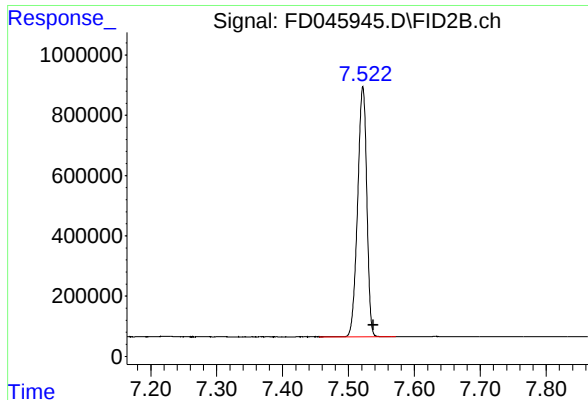
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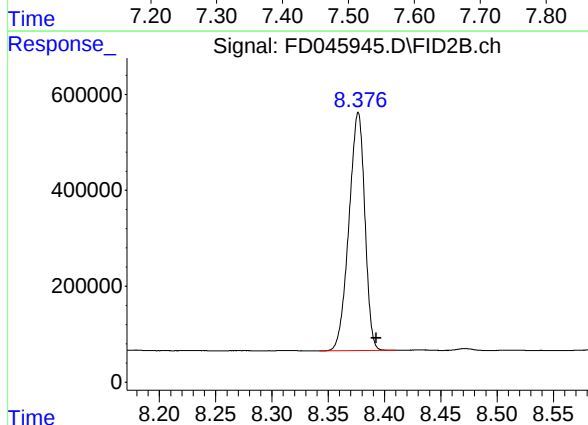




#4 2-Bromonaphthalene (SURR)

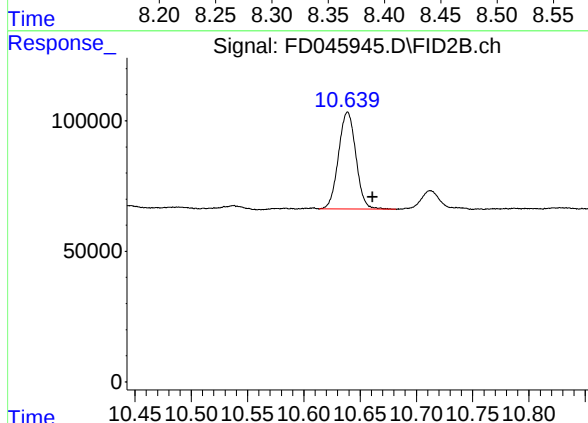
R.T.: 7.522 min
Delta R.T.: -0.016 min
Response: 8020050
Conc: 44.48 ug/ml

Instrument :
FID_D
ClientSampleId :



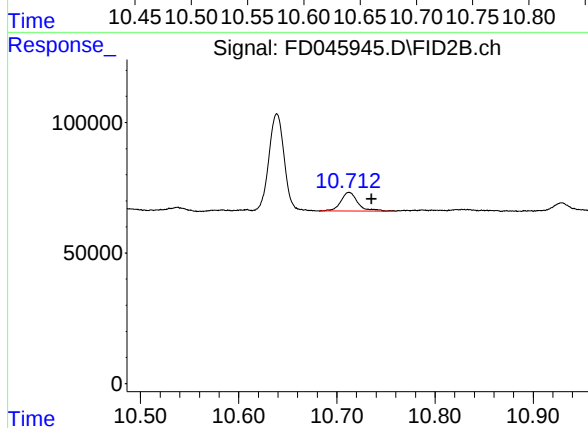
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min
Delta R.T.: -0.016 min
Response: 4881061
Conc: 40.60 ug/ml



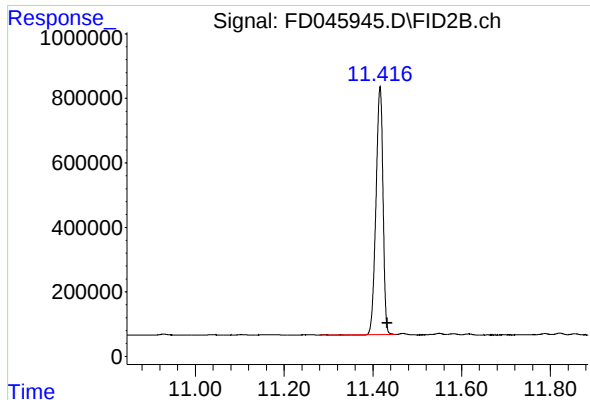
#9 Phenanthrene (C19.36)

R.T.: 10.639 min
Delta R.T.: -0.022 min
Response: 399484
Conc: 2.09 ug/ml



#10 Anthracene (C19.43)

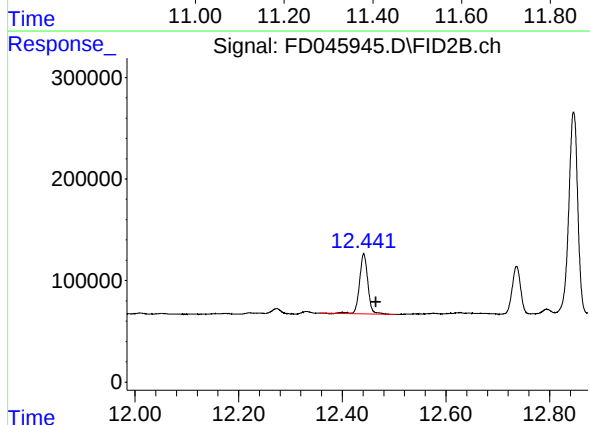
R.T.: 10.713 min
Delta R.T.: -0.023 min
Response: 85360
Conc: 0.50 ug/ml



#11 ortho-Terphenyl (SURR)

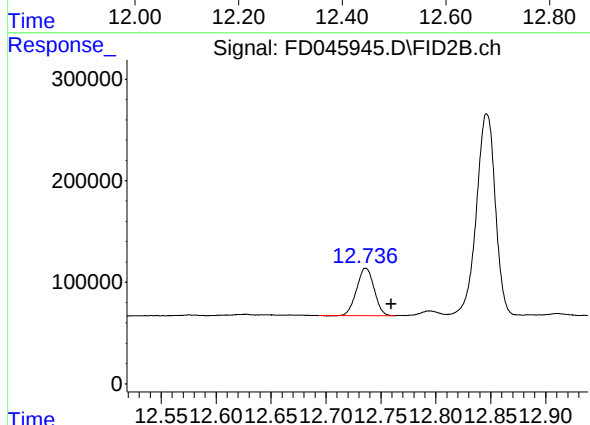
R.T.: 11.416 min
Delta R.T.: -0.017 min
Response: 8396376
Conc: 37.59 ug/ml

Instrument :
FID_D
ClientSampleId :



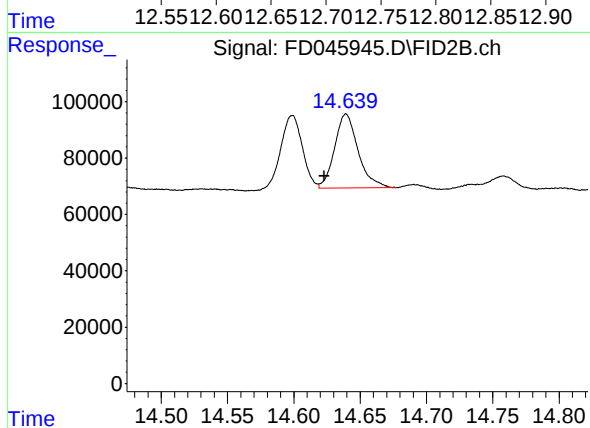
#12 Fluoranthene (C21.85)

R.T.: 12.442 min
Delta R.T.: -0.023 min
Response: 666087
Conc: 3.61 ug/ml



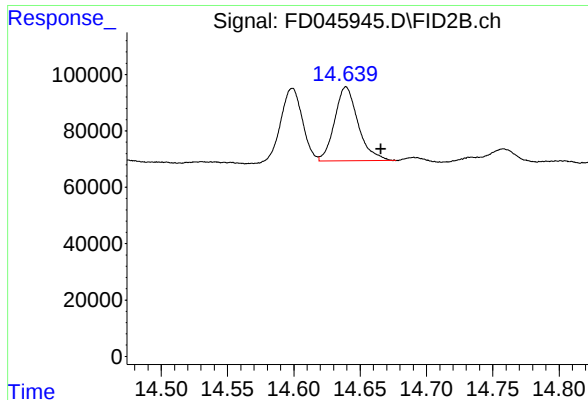
#13 Pyrene (C20.8)

R.T.: 12.736 min
Delta R.T.: -0.023 min
Response: 515044
Conc: 2.88 ug/ml



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

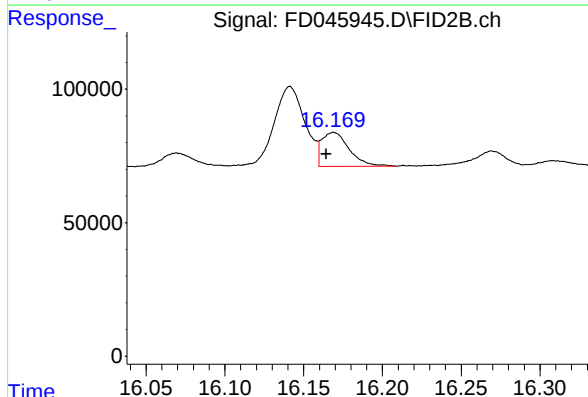
R.T.: 14.639 min
Delta R.T.: 0.016 min
Response: 323778
Conc: 2.07 ug/ml



#15 Chrysene (C27.41)

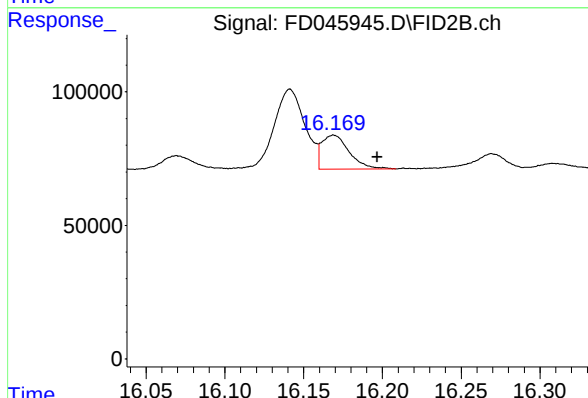
R.T.: 14.639 min
Delta R.T.: -0.026 min
Response: 323778
Conc: 1.96 ug/ml

Instrument :
FID_D
ClientSampleId :



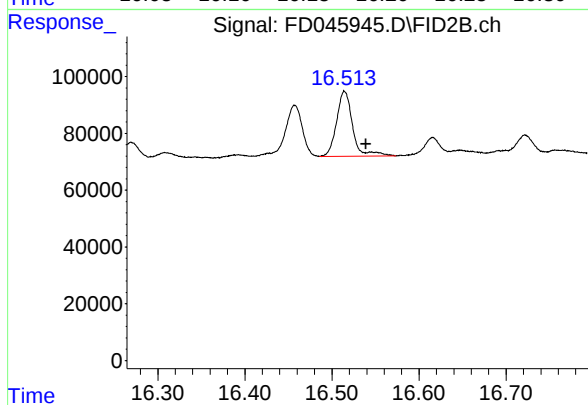
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.169 min
Delta R.T.: 0.004 min
Response: 152856
Conc: 1.01 ug/ml



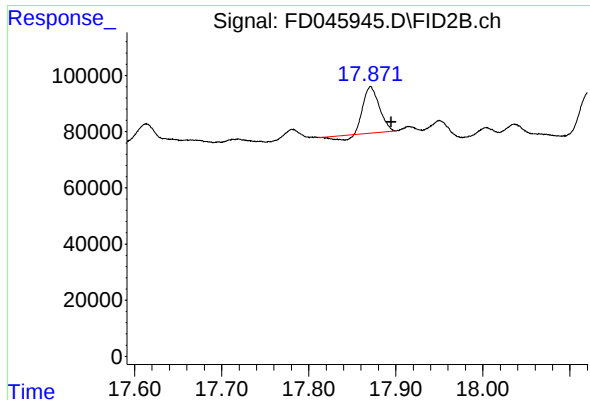
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.169 min
Delta R.T.: -0.028 min
Response: 152856
Conc: 0.99 ug/ml



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

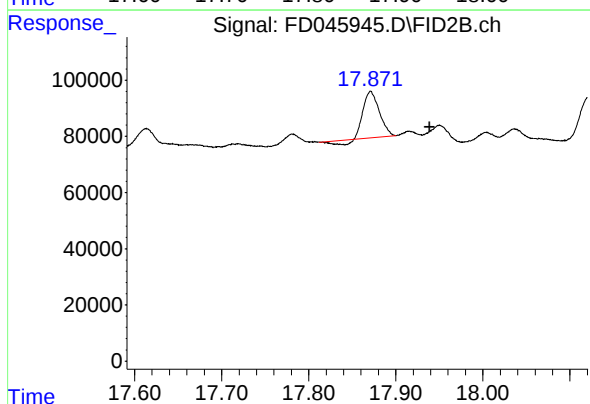
R.T.: 16.515 min
Delta R.T.: -0.025 min
Response: 292530
Conc: 2.00 ug/ml



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

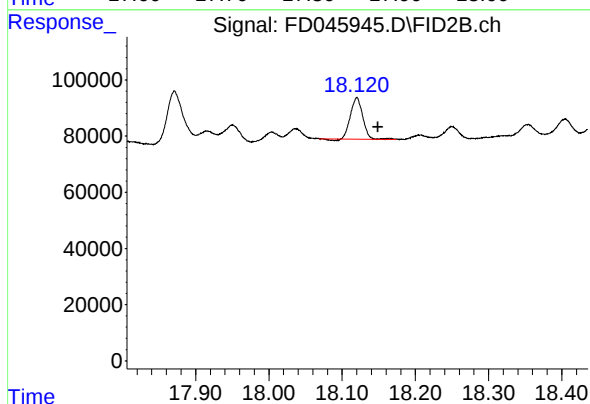
R.T.: 17.871 min
Delta R.T.: -0.024 min
Response: 196592
Conc: 1.34 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.871 min
Delta R.T.: -0.068 min
Response: 196592
Conc: 1.31 ug/ml



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

R.T.: 18.120 min
Delta R.T.: -0.029 min
Response: 171194
Conc: 1.16 ug/ml