

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045077.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 00:44
 Operator : YP/AJ
 Sample : 01593-08
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 04:25:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.557	6393152	43.591 ug/ml
Spiked Amount 50.000		Recovery =	87.18%
6) S 2-Fluorobiphenyl (SURR)	8.414	4261002	42.690 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.38%
11) S ortho-Terphenyl (SURR)	11.453	5008836	26.950 ug/ml
Spiked Amount 50.000		Recovery =	53.90%
Target Compounds			
9) T Phenanthrene (C19.36)	10.678	75364	0.466 ug/ml
12) T Fluoranthene (C21.85)	12.482	151738	0.948 ug/ml
13) T Pyrene (C20.8)	12.777	86235	0.550 ug/ml
14) T Benzo[a]anthracene (C...	14.641	36722	0.257 ug/ml
15) T Chrysene (C27.41)	14.683	47451	0.320 ug/ml
16) T benzo[b]fluoranthene ...	16.185	32287	0.223 ug/ml
17) T Bnezo[k]fluoranthene ...	16.185	32287	0.226 ug/ml

(f)=RT Delta > 1/2 Window

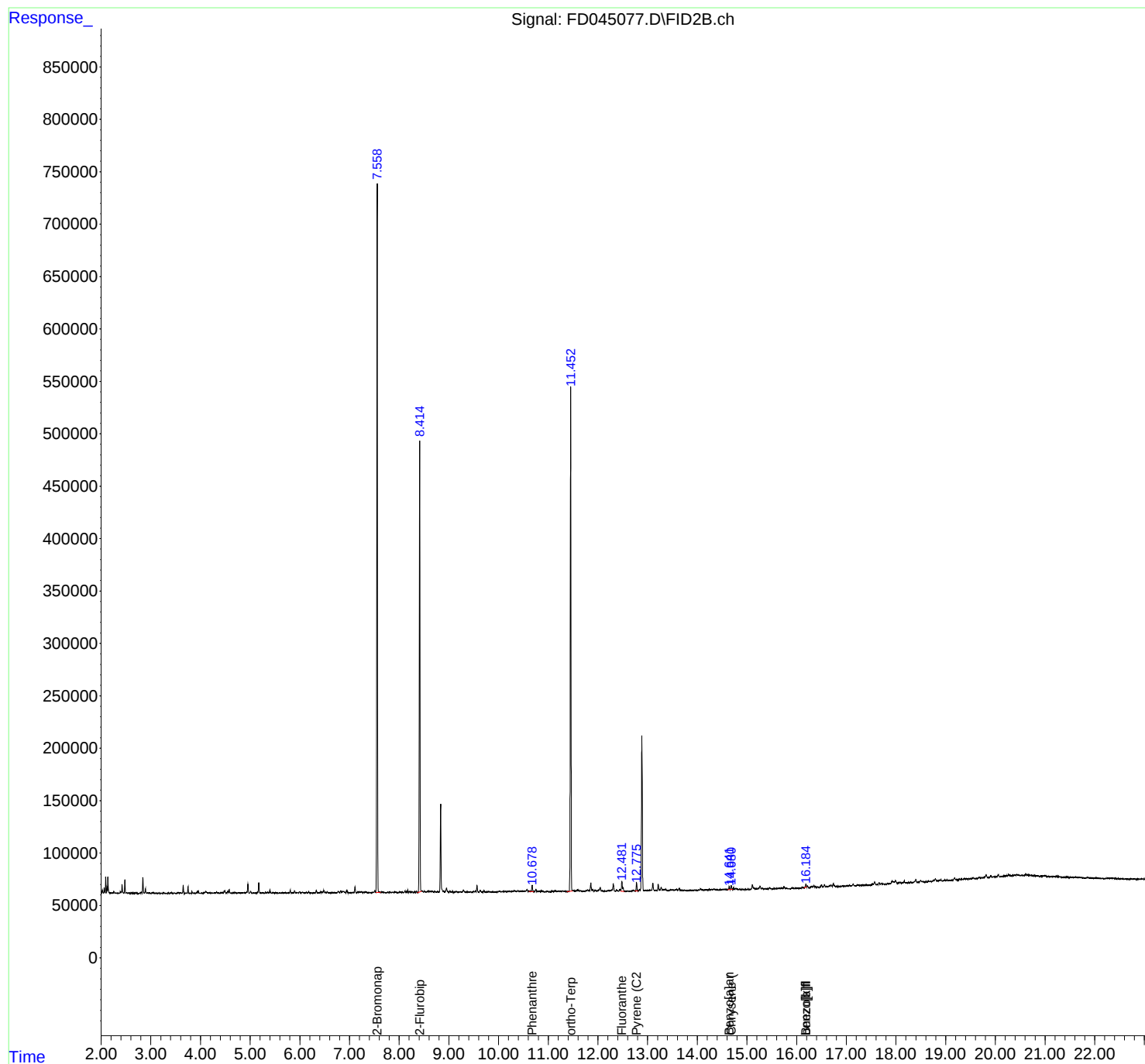
(m)=manual int.

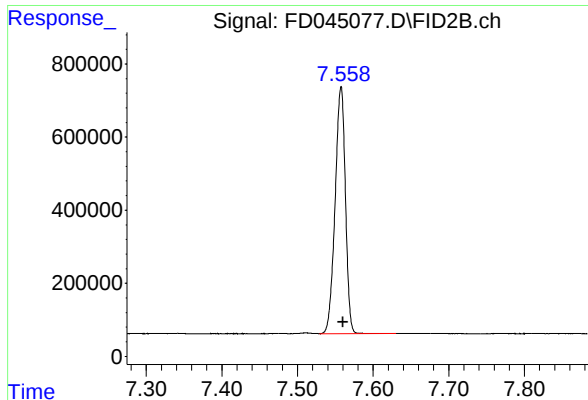
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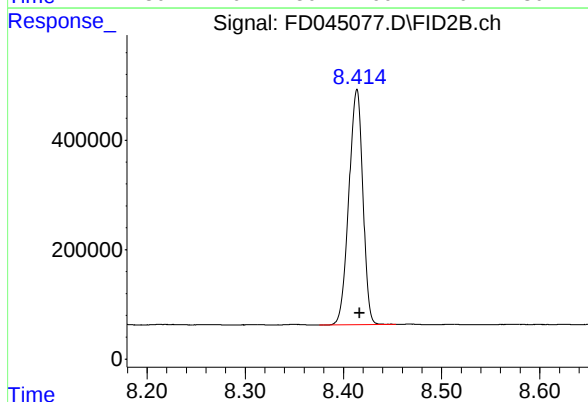




#4 2-Bromonaphthalene (SURR)

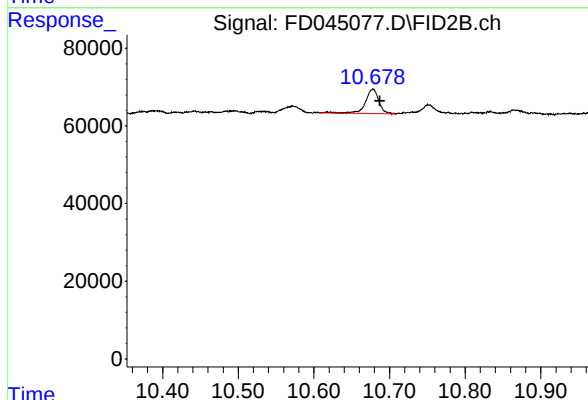
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6393152
Conc: 43.59 ug/ml

Instrument :
FID_D
ClientSampleId :



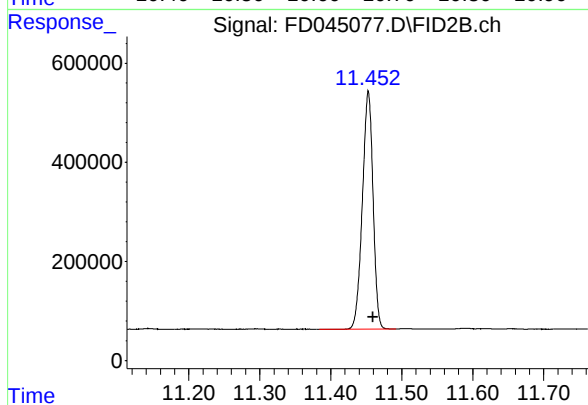
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4261002
Conc: 42.69 ug/ml



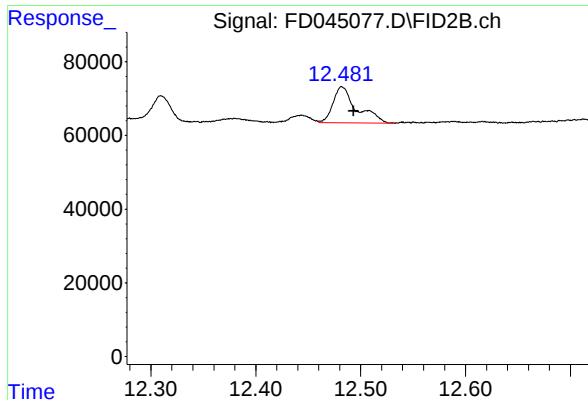
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.009 min
Response: 75364
Conc: 0.47 ug/ml



#11 ortho-Terphenyl (SURR)

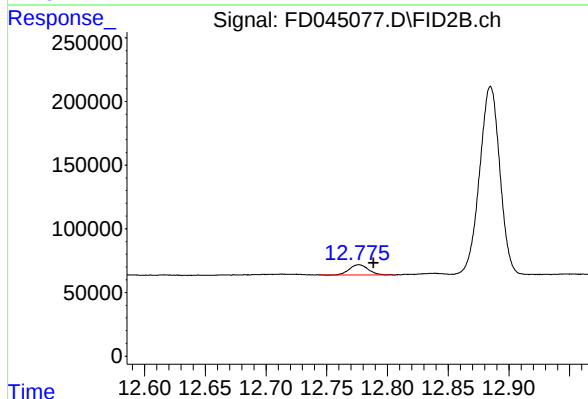
R.T.: 11.453 min
Delta R.T.: -0.006 min
Response: 5008836
Conc: 26.95 ug/ml



#12 Fluoranthene (C21.85)

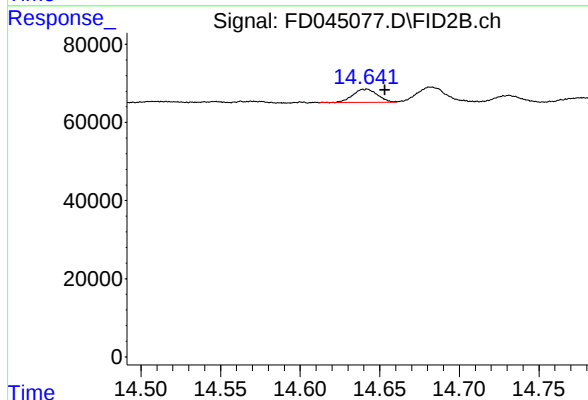
R.T.: 12.482 min
Delta R.T.: -0.011 min
Response: 151738
Conc: 0.95 ug/ml

Instrument :
FID_D
ClientSampleId :



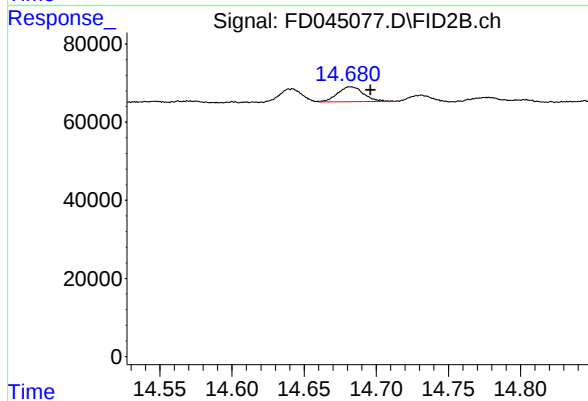
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.012 min
Response: 86235
Conc: 0.55 ug/ml



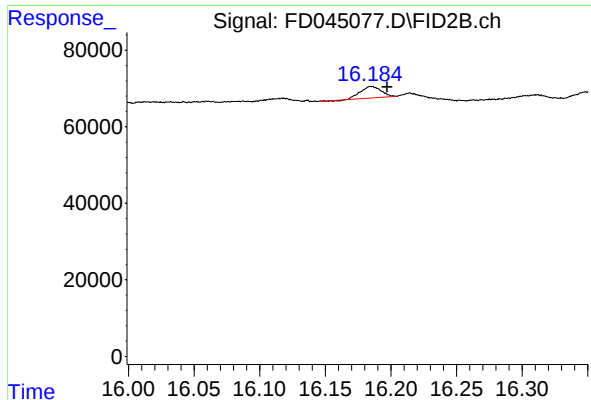
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: -0.012 min
Response: 36722
Conc: 0.26 ug/ml



#15 Chrysene (C27.41)

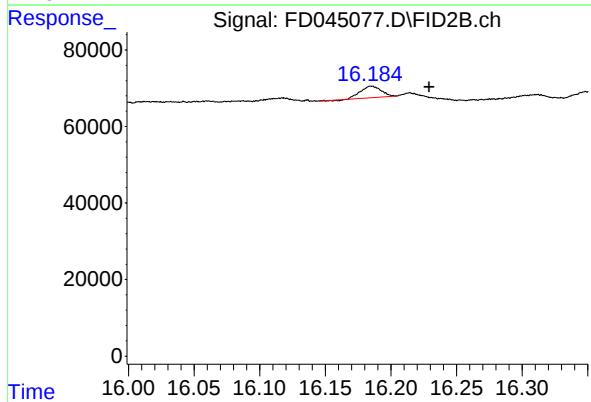
R.T.: 14.683 min
Delta R.T.: -0.014 min
Response: 47451
Conc: 0.32 ug/ml



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

R.T.: 16.185 min
Delta R.T.: -0.012 min
Response: 32287
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 16.185 min
Delta R.T.: -0.044 min
Response: 32287
Conc: 0.23 ug/ml