

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044984.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 08:32
 Operator : YP/AJ
 Sample : 01463-08
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 10:04:42 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...	7.558	6511147	44.396 ug/ml
Spiked Amount 50.000		Recovery =	88.79%
6) S 2-Fluorobiphenyl (SURR)	8.414	4204420	42.123 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.25%
11) S ortho-Terphenyl (SURR)	11.455	6365120	34.247 ug/ml
Spiked Amount 50.000		Recovery =	68.49%
Target Compounds			
9) T Phenanthrene (C19.36)	10.678	67102	0.415 ug/ml
12) T Fluoranthene (C21.85)	12.482	144819	0.905 ug/ml
13) T Pyrene (C20.8)	12.777	108382	0.691 ug/ml
14) T Benzo[a]anthracene (C...	14.640	57930	0.406 ug/ml
15) T Chrysene (C27.41)	14.680	69254	0.468 ug/ml
16) T benzo[b]fluoranthene ...	16.183	105533	0.727 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	105533	0.740 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	68680	0.491 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	95358	0.709 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	95358	0.720 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	46050	0.339 ug/ml

(f)=RT Delta > 1/2 Window

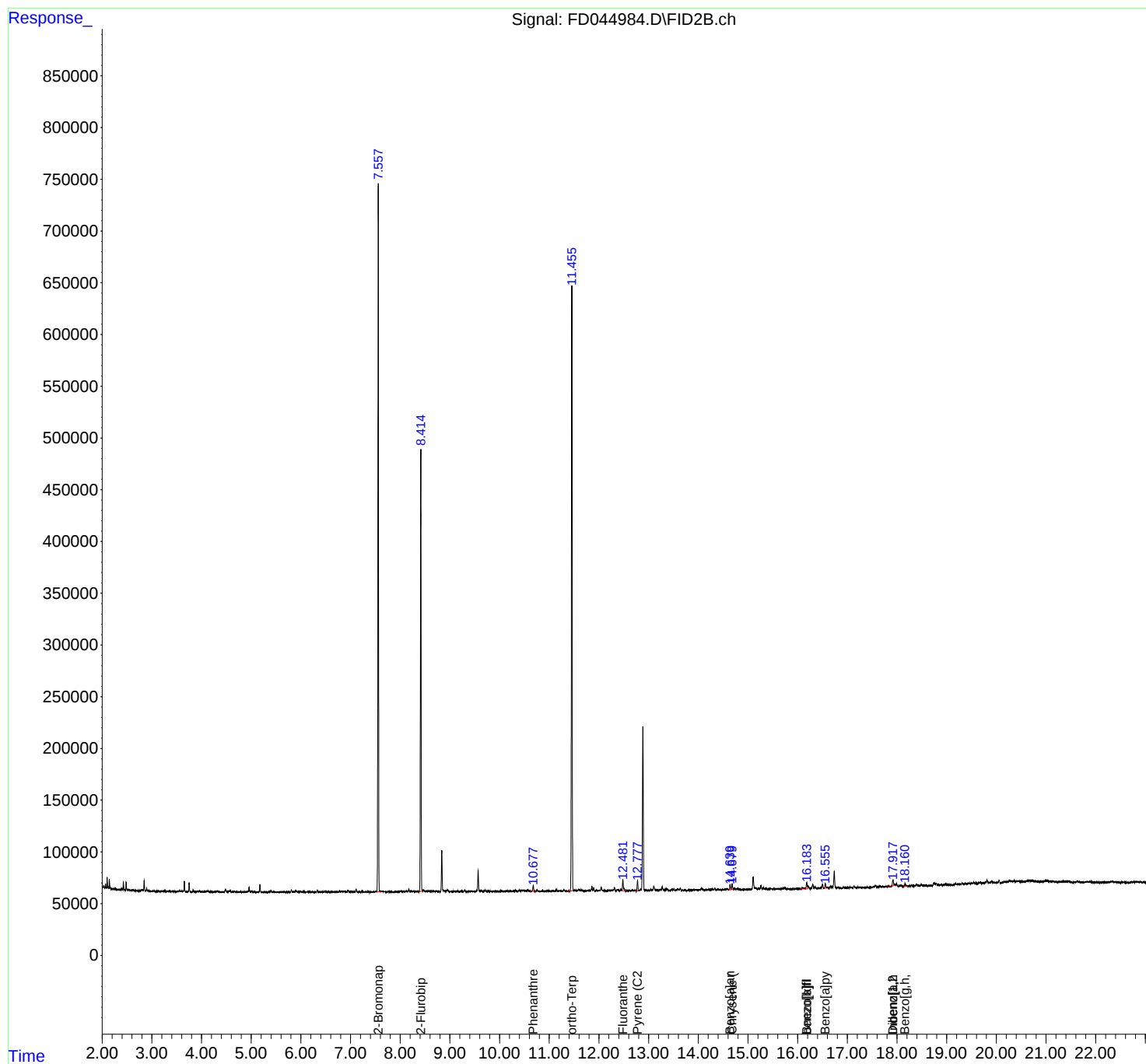
(m)=manual int.

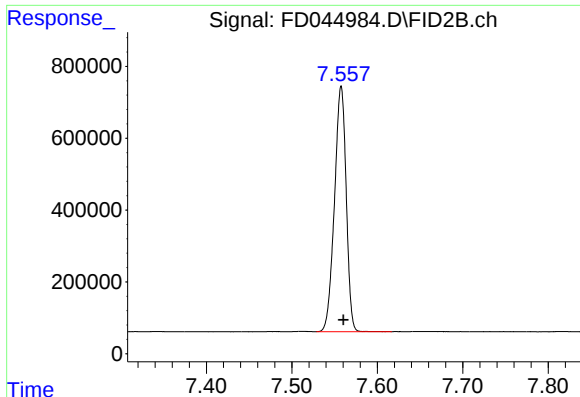
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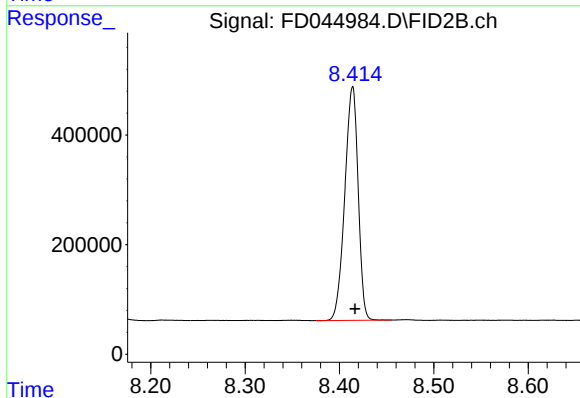




#4 2-Bromonaphthalene (SURRE)

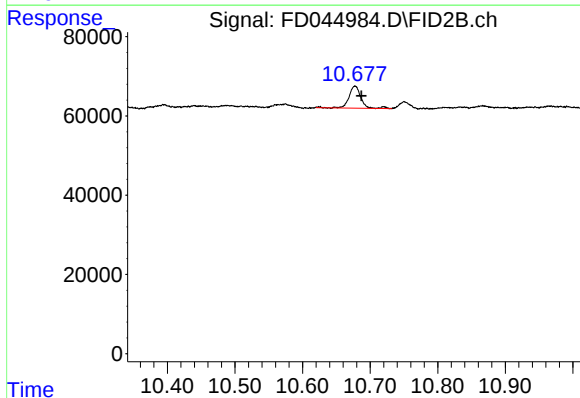
R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 6511147
Conc: 44.40 ug/ml

Instrument :
FID_D
ClientSampleId :



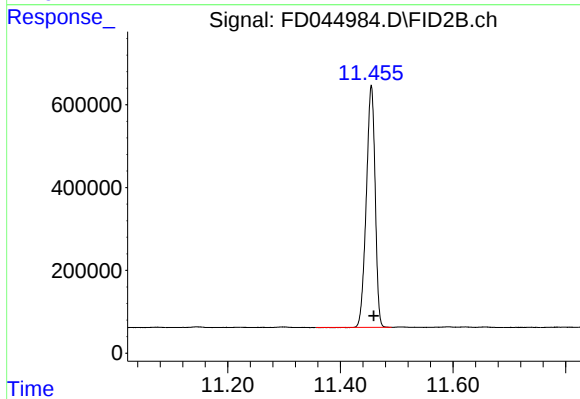
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4204420
Conc: 42.12 ug/ml



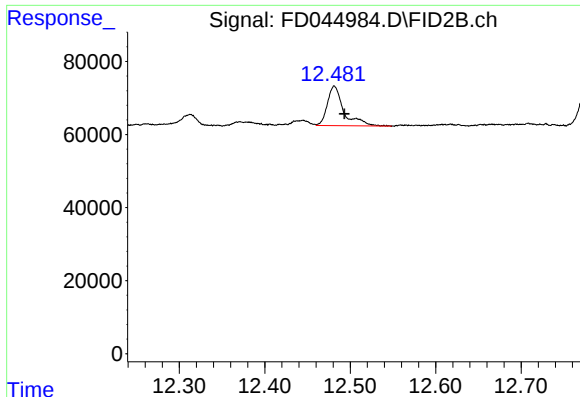
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.010 min
Response: 67102
Conc: 0.42 ug/ml



#11 ortho-Terphenyl (SURRE)

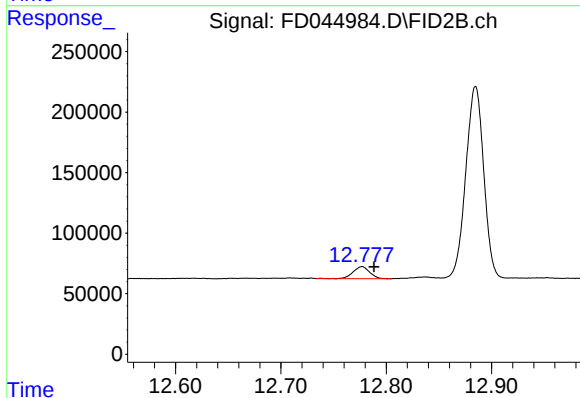
R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 6365120
Conc: 34.25 ug/ml



#12 Fluoranthene (C21.85)

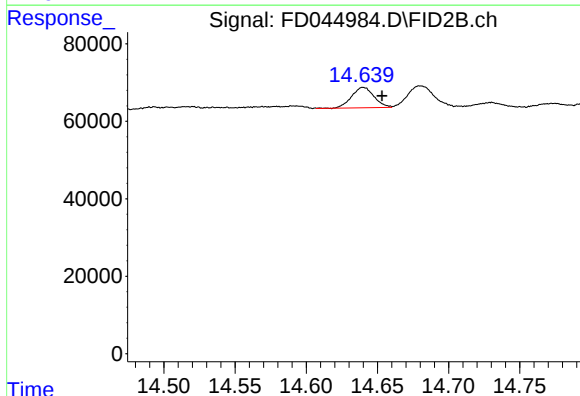
R.T.: 12.482 min
Delta R.T.: -0.012 min
Response: 144819
Conc: 0.90 ug/ml

Instrument :
FID_D
ClientSampleId :



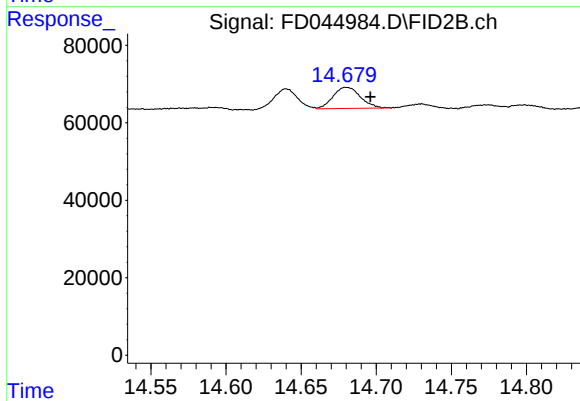
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.012 min
Response: 108382
Conc: 0.69 ug/ml



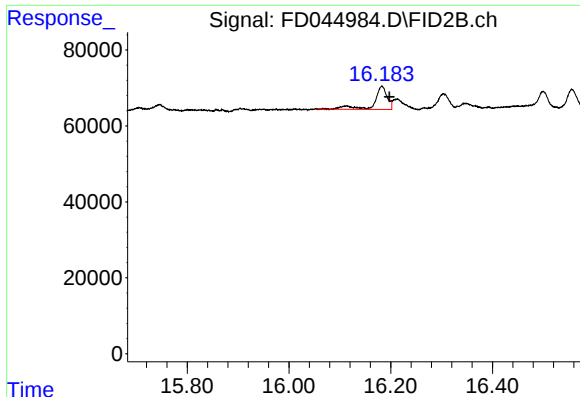
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: -0.013 min
Response: 57930
Conc: 0.41 ug/ml



#15 Chrysene (C27.41)

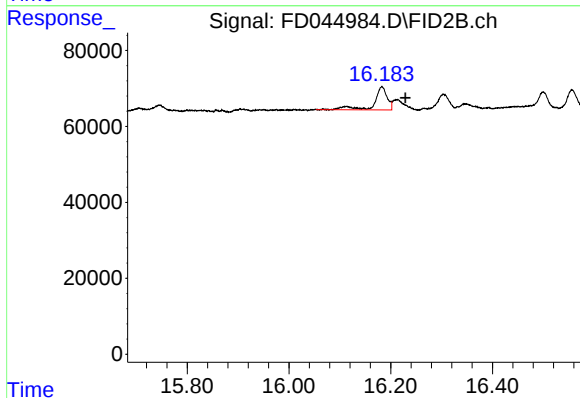
R.T.: 14.680 min
Delta R.T.: -0.016 min
Response: 69254
Conc: 0.47 ug/ml



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

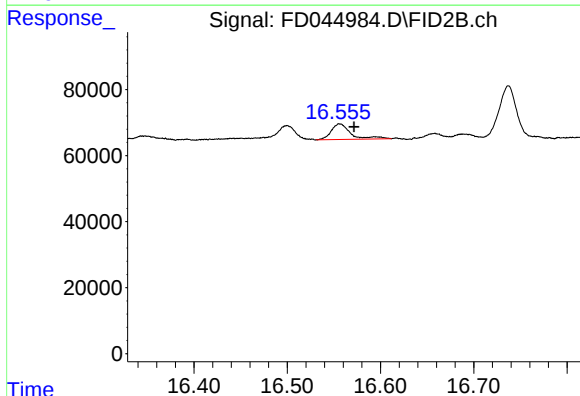
R.T.: 16.183 min
Delta R.T.: -0.014 min
Response: 105533
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



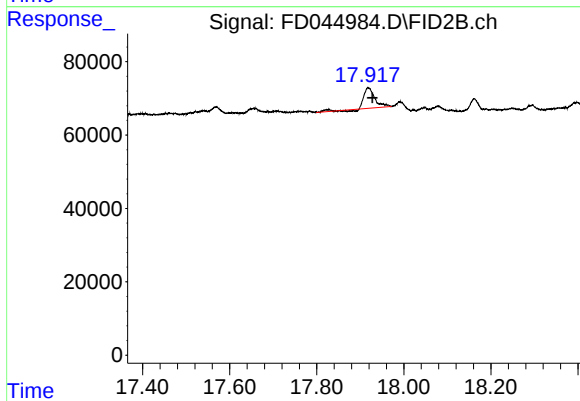
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min
Delta R.T.: -0.046 min
Response: 105533
Conc: 0.74 ug/ml



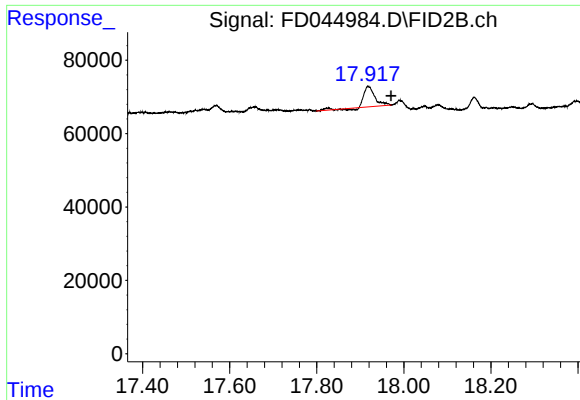
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.015 min
Response: 68680
Conc: 0.49 ug/ml



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

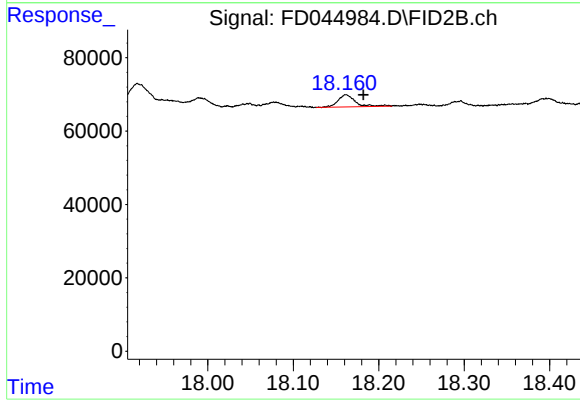
R.T.: 17.919 min
Delta R.T.: -0.009 min
Response: 95358
Conc: 0.71 ug/ml



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

R.T.: 17.919 min
Delta R.T.: -0.052 min
Response: 95358
Conc: 0.72 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.162 min
Delta R.T.: -0.020 min
Response: 46050
Conc: 0.34 ug/ml