

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044986.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 09:56
 Operator : YP/AJ
 Sample : 01463-15
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 10:05:07 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	5911499	40.307 ug/ml
Spiked Amount 50.000		Recovery =	80.61%
6) S 2-Fluorobiphenyl (SURR)	8.413	3954612	39.620 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.24%
11) S ortho-Terphenyl (SURR)	11.454	6313672	33.970 ug/ml
Spiked Amount 50.000		Recovery =	67.94%
Target Compounds			
9) T Phenanthrene (C19.36)	10.678	54245	0.336 ug/ml
12) T Fluoranthene (C21.85)	12.481	129210	0.807 ug/ml
13) T Pyrene (C20.8)	12.776	97977	0.624 ug/ml
14) T Benzo[a]anthracene (C...	14.640	46803	0.328 ug/ml
15) T Chrysene (C27.41)	14.682	67790	0.458 ug/ml
16) T benzo[b]fluoranthene ...	16.183	106016	0.731 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	106016	0.744 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	78955	0.565 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	128950	0.958 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	128950	0.973 ug/ml

(f)=RT Delta > 1/2 Window

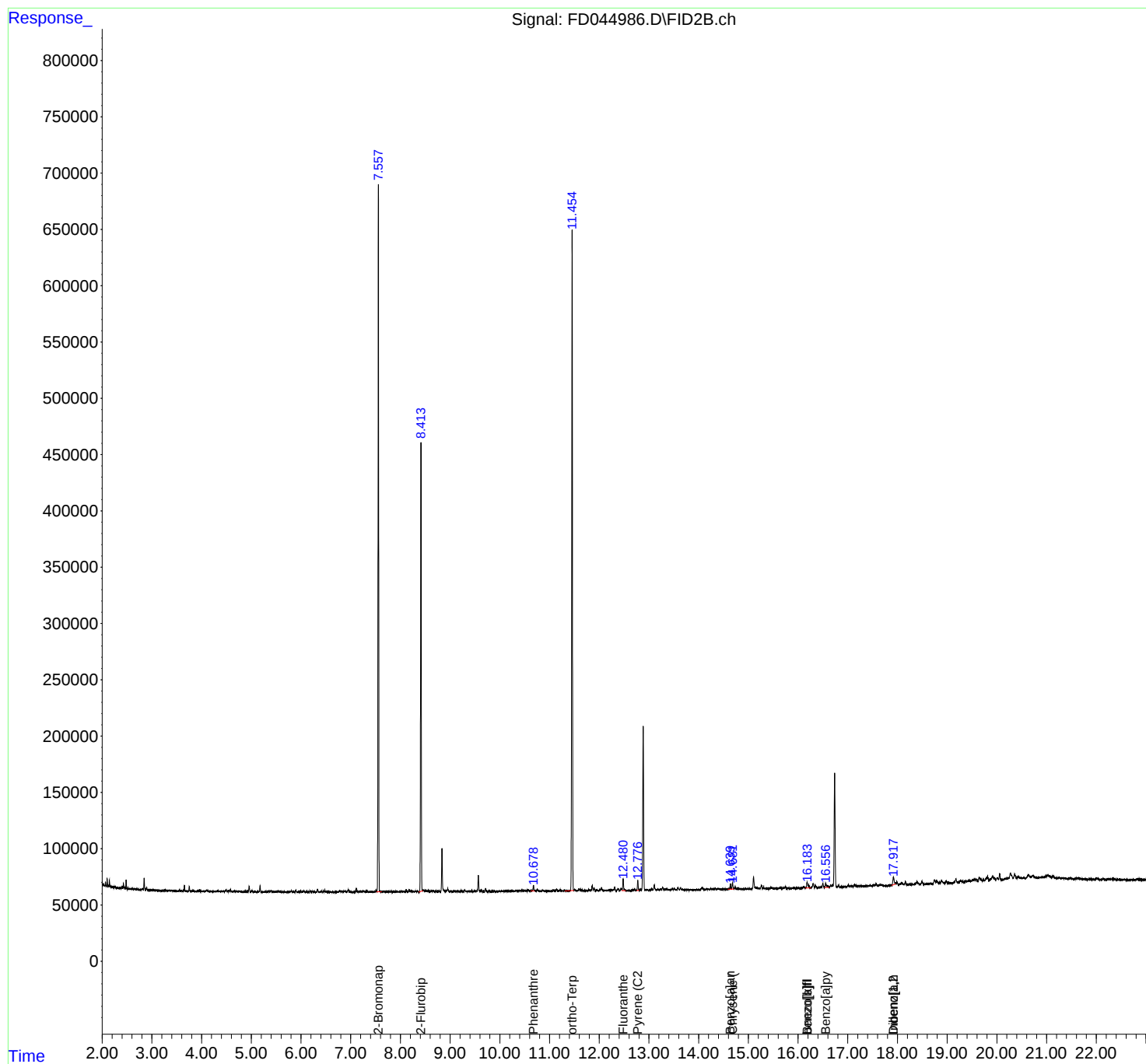
(m)=manual int.

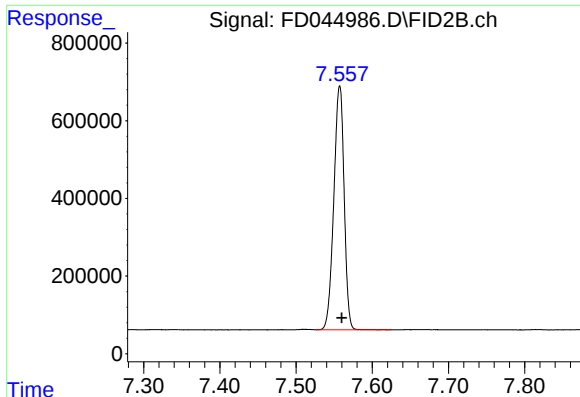
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Signal Info : 20M x 0.18mm x 0.18µm

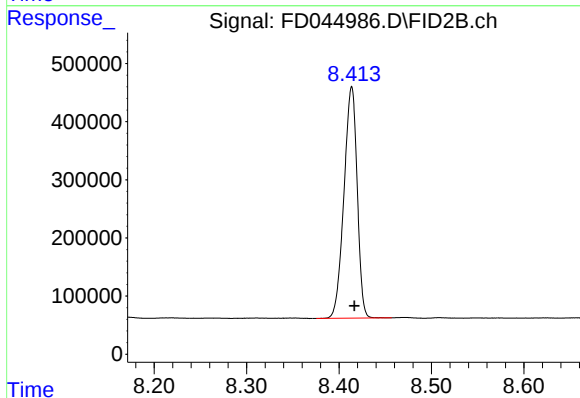




#4 2-Bromonaphthalene (SURRE)

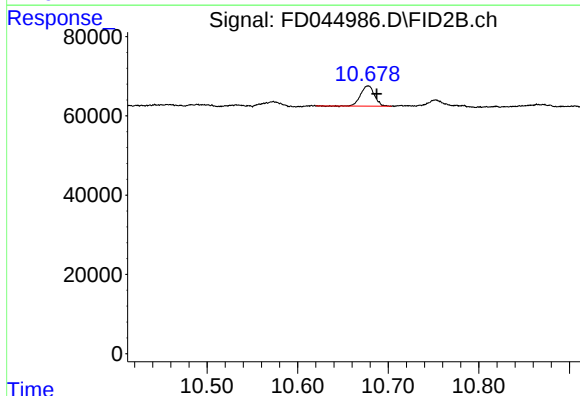
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 5911499
Conc: 40.31 ug/ml

Instrument :
FID_D
ClientSampleId :



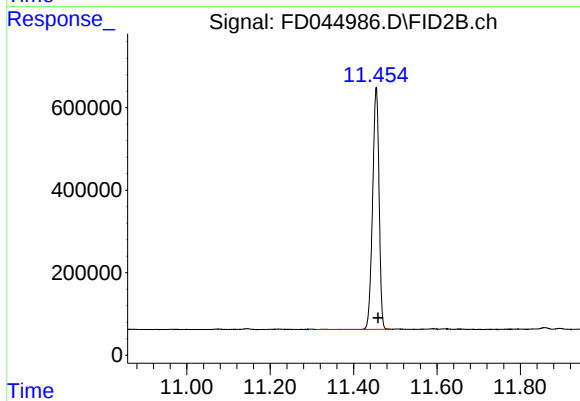
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.413 min
Delta R.T.: -0.003 min
Response: 3954612
Conc: 39.62 ug/ml



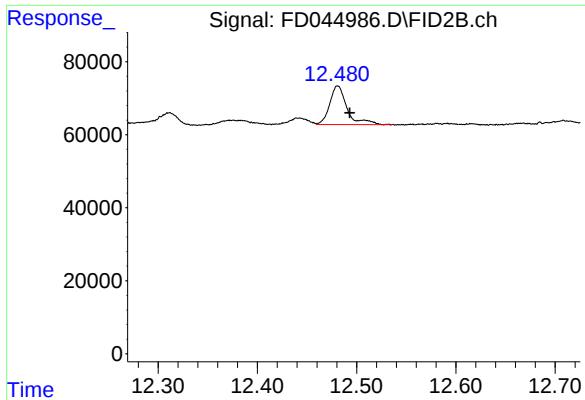
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.010 min
Response: 54245
Conc: 0.34 ug/ml



#11 ortho-Terphenyl (SURRE)

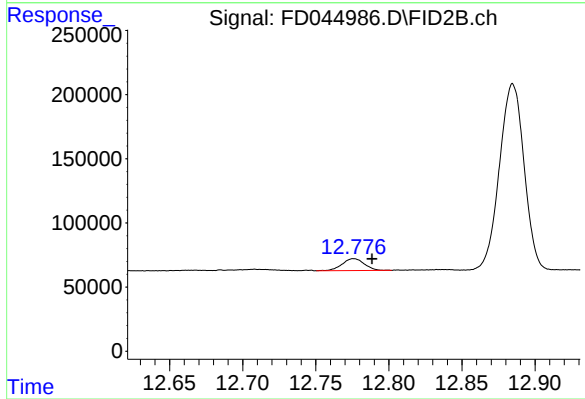
R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 6313672
Conc: 33.97 ug/ml



#12 Fluoranthene (C21.85)

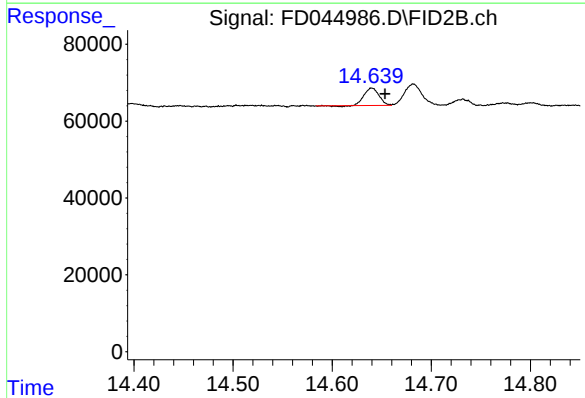
R.T.: 12.481 min
Delta R.T.: -0.012 min
Response: 129210
Conc: 0.81 ug/ml

Instrument :
FID_D
ClientSampleId :



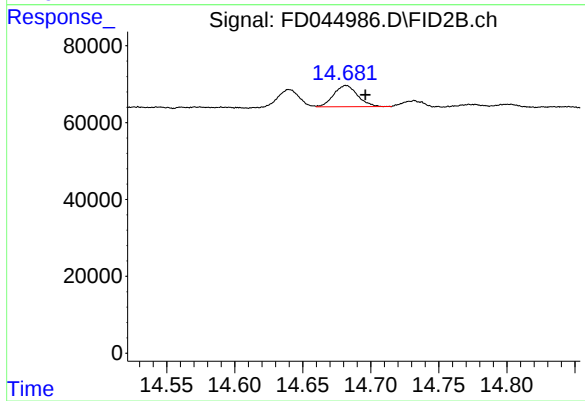
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.012 min
Response: 97977
Conc: 0.62 ug/ml



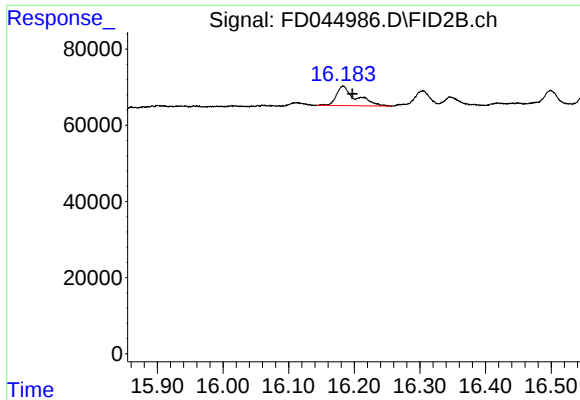
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: -0.013 min
Response: 46803
Conc: 0.33 ug/ml



#15 Chrysene (C27.41)

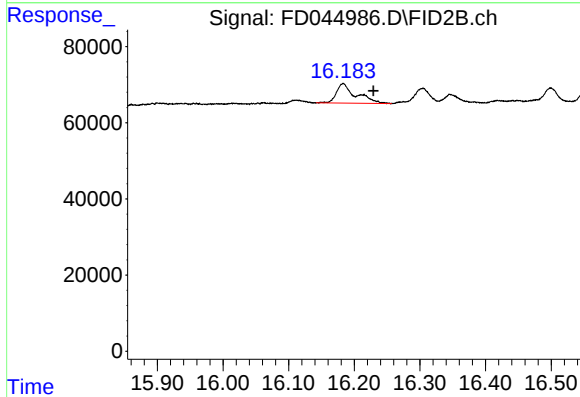
R.T.: 14.682 min
Delta R.T.: -0.014 min
Response: 67790
Conc: 0.46 ug/ml



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

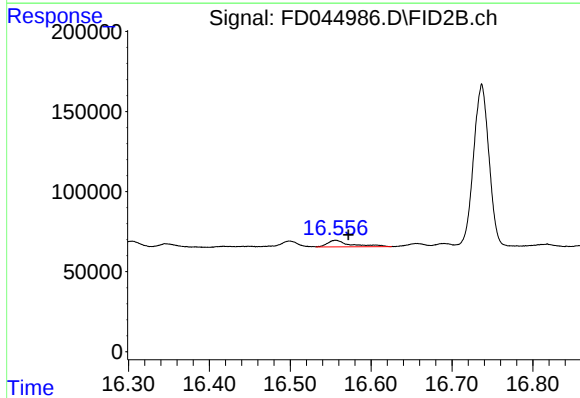
R.T.: 16.183 min
Delta R.T.: -0.014 min
Response: 106016
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



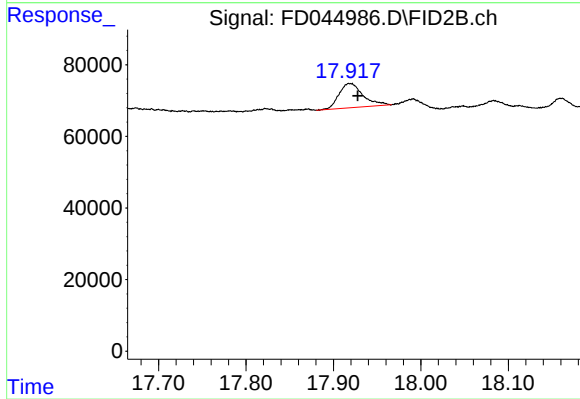
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min
Delta R.T.: -0.046 min
Response: 106016
Conc: 0.74 ug/ml



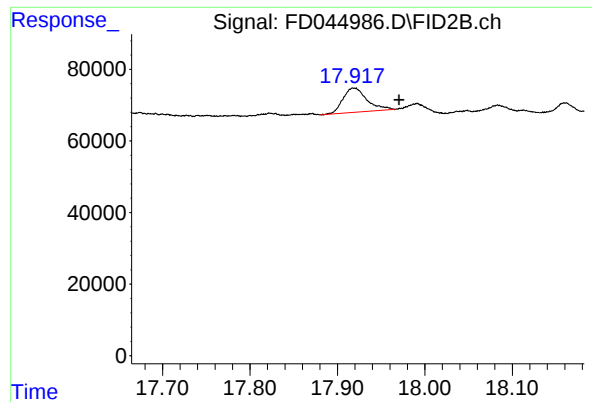
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.016 min
Response: 78955
Conc: 0.57 ug/ml



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

R.T.: 17.919 min
Delta R.T.: -0.009 min
Response: 128950
Conc: 0.96 ug/ml



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

R.T.: 17.919 min
Delta R.T.: -0.052 min
Response: 128950
Conc: 0.97 ug/ml

Instrument :

FID_D

ClientSampleId :