

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044976.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 03:11
 Operator : YP/AJ
 Sample : 01462-10
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 08 04:09:16 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	6790671	46.302 ug/ml
Spiked Amount 50.000		Recovery =	92.60%
6) S 2-Fluorobiphenyl (SURR)	8.414	4586593	45.952 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.90%
11) S ortho-Terphenyl (SURR)	11.454	5398851	29.048 ug/ml
Spiked Amount 50.000		Recovery =	58.10%
Target Compounds			
9) T Phenanthrene (C19.36)	10.678	76930	0.476 ug/ml
12) T Fluoranthene (C21.85)	12.481	146294	0.914 ug/ml
13) T Pyrene (C20.8)	12.776	108159	0.689 ug/ml
14) T Benzo[a]anthracene (C...	14.640	60045	0.421 ug/ml
15) T Chrysene (C27.41)	14.681	79962	0.540 ug/ml
16) T benzo[b]fluoranthene ...	16.183	51870	0.358 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	51870	0.364 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	65950	0.472 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	78337	0.582 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	78337	0.591 ug/ml
21) T Benzo[g,h,i]perylene ...	18.161	47763	0.351 ug/ml

(f)=RT Delta > 1/2 Window

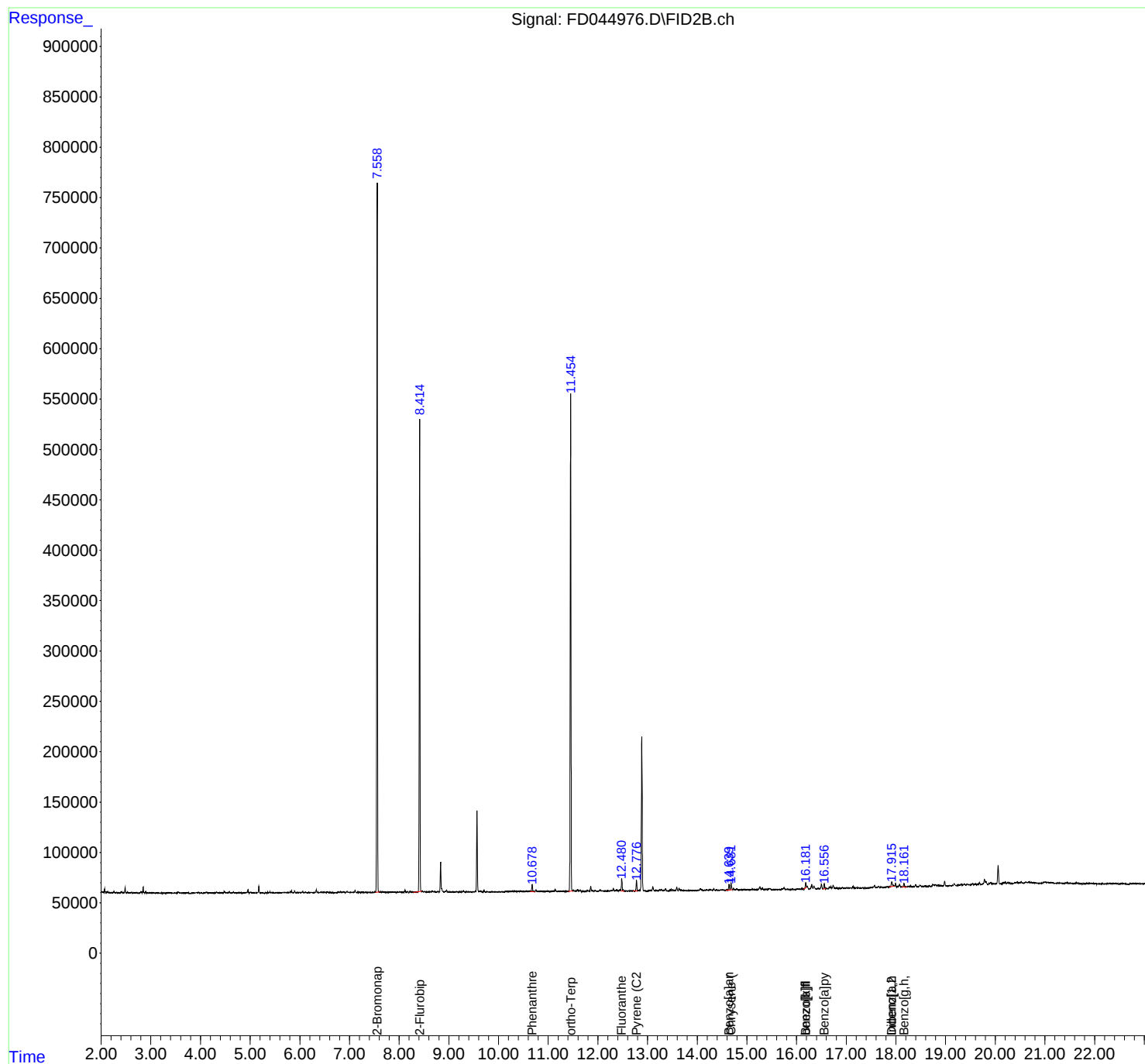
(m)=manual int.

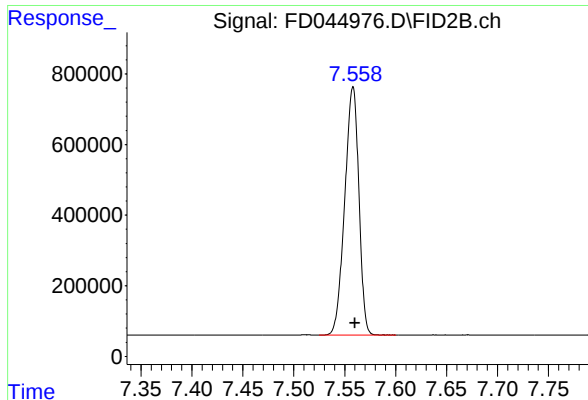
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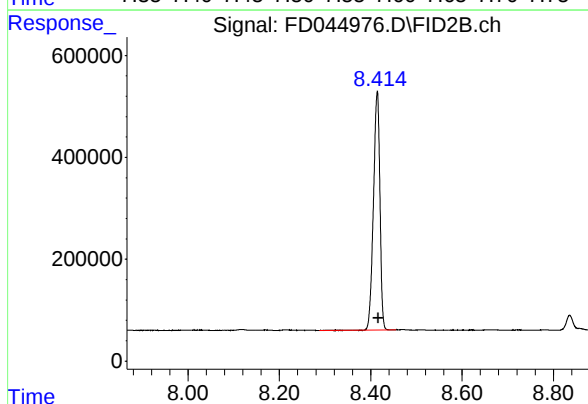




#4 2-Bromonaphthalene (SURR)

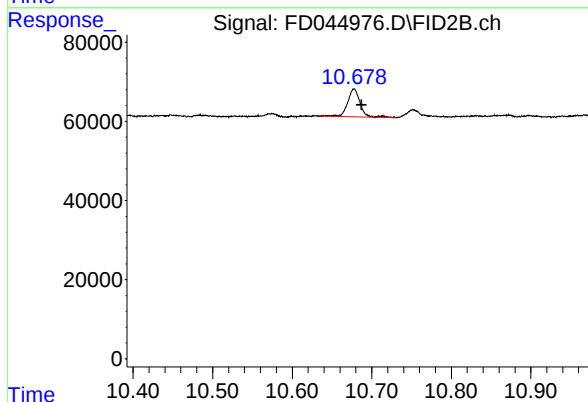
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 6790671
Conc: 46.30 ug/ml

Instrument :
FID_D
ClientSampleId :



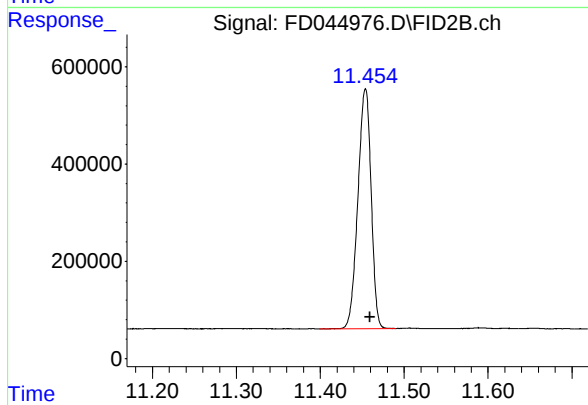
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4586593
Conc: 45.95 ug/ml



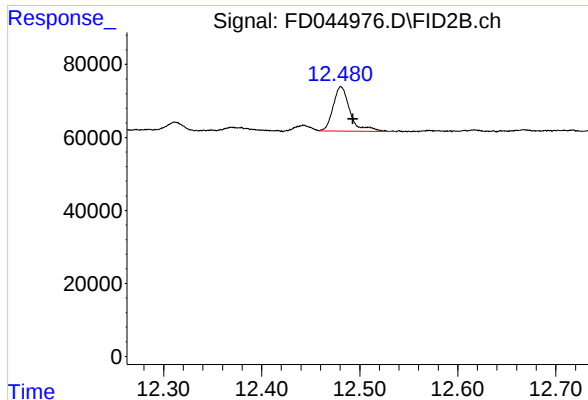
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.009 min
Response: 76930
Conc: 0.48 ug/ml



#11 ortho-Terphenyl (SURR)

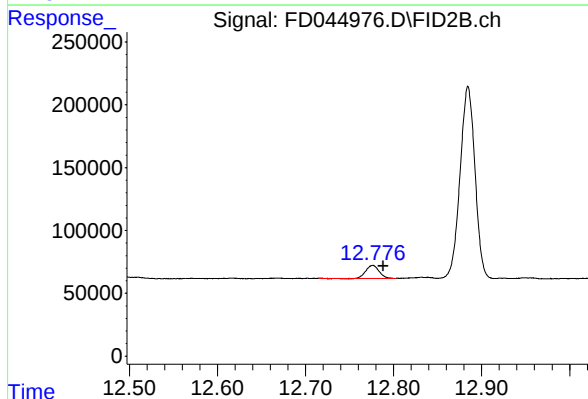
R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 5398851
Conc: 29.05 ug/ml



#12 Fluoranthene (C21.85)

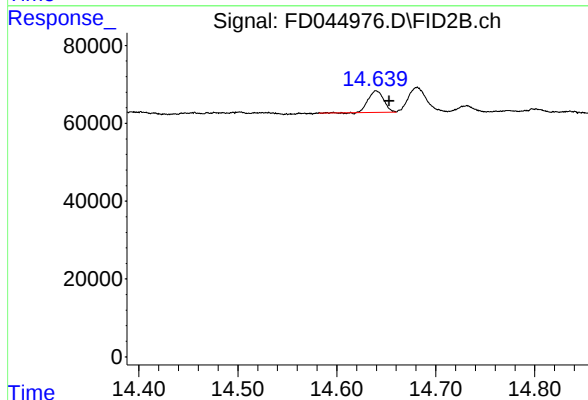
R.T.: 12.481 min
Delta R.T.: -0.012 min
Response: 146294
Conc: 0.91 ug/ml

Instrument :
FID_D
ClientSampleId :



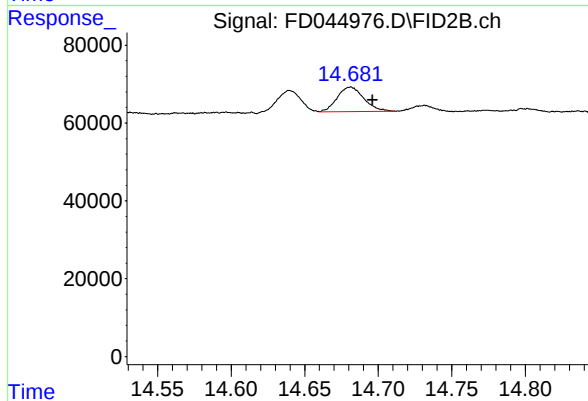
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.012 min
Response: 108159
Conc: 0.69 ug/ml



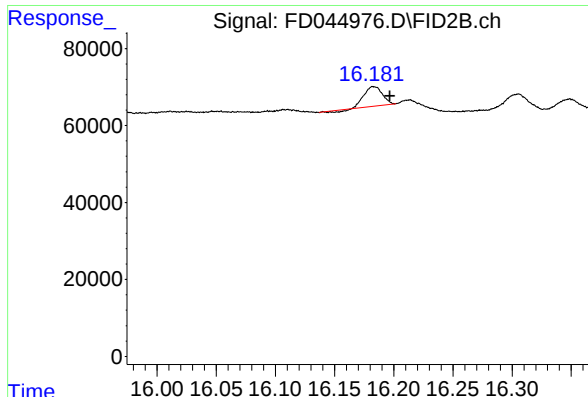
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: -0.013 min
Response: 60045
Conc: 0.42 ug/ml



#15 Chrysene (C27.41)

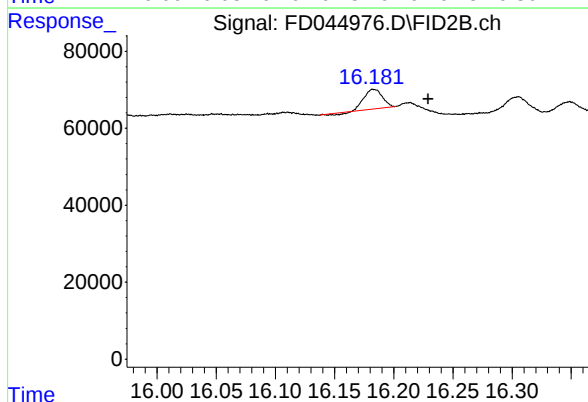
R.T.: 14.681 min
Delta R.T.: -0.015 min
Response: 79962
Conc: 0.54 ug/ml



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

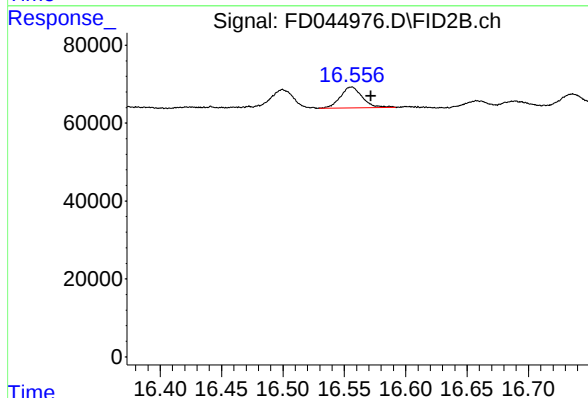
R.T.: 16.183 min
Delta R.T.: -0.014 min
Response: 51870
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



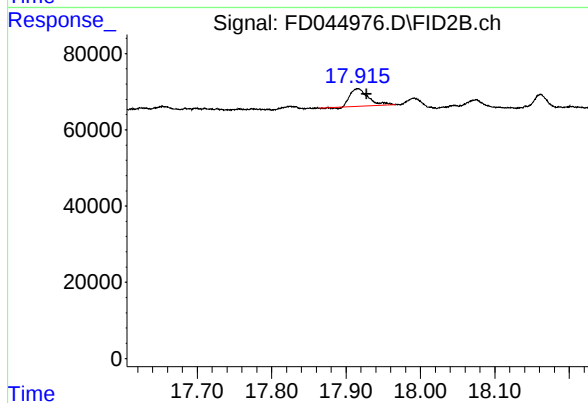
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min
Delta R.T.: -0.046 min
Response: 51870
Conc: 0.36 ug/ml



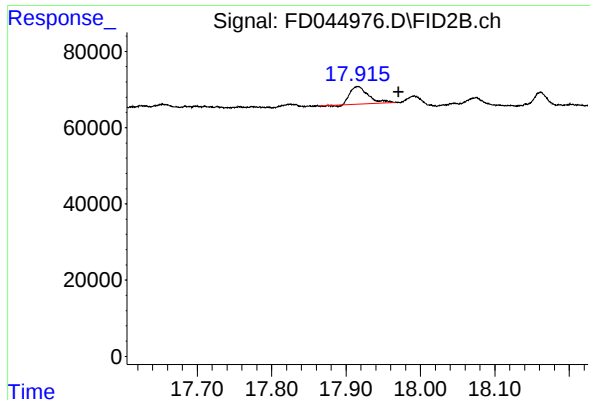
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.016 min
Response: 65950
Conc: 0.47 ug/ml



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

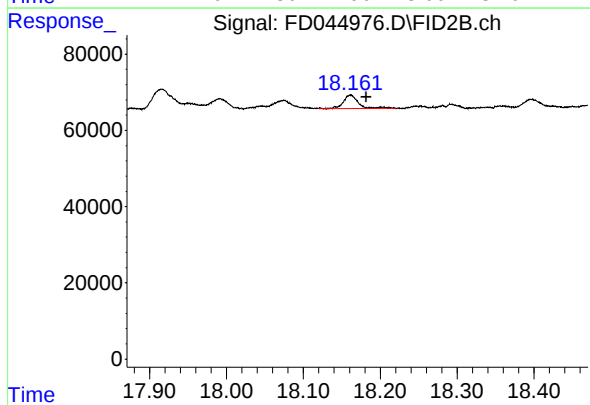
R.T.: 17.916 min
Delta R.T.: -0.012 min
Response: 78337
Conc: 0.58 ug/ml



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

R.T.: 17.916 min
Delta R.T.: -0.055 min
Response: 78337
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.161 min
Delta R.T.: -0.021 min
Response: 47763
Conc: 0.35 ug/ml