

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044983.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 07:52
 Operator : YP/AJ
 Sample : 01463-07
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 10:04:28 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	6388947	43.563 ug/ml
Spiked Amount 50.000		Recovery =	87.13%
6) S 2-Fluorobiphenyl (SURR)	8.414	4196710	42.046 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.09%
11) S ortho-Terphenyl (SURR)	11.454	5988339	32.220 ug/ml
Spiked Amount 50.000		Recovery =	64.44%
Target Compounds			
9) T Phenanthrene (C19.36)	10.678	59881	0.370 ug/ml
12) T Fluoranthene (C21.85)	12.482	202018	1.262 ug/ml
13) T Pyrene (C20.8)	12.776	157029	1.001 ug/ml
14) T Benzo[a]anthracene (C...	14.640	86262	0.604 ug/ml
15) T Chrysene (C27.41)	14.681	97040	0.655 ug/ml
16) T benzo[b]fluoranthene ...	16.183	70501	0.486 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	70501	0.494 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	80163	0.574 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	101266	0.753 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	101266	0.764 ug/ml
21) T Benzo[g,h,i]perylene ...	18.161	55234	0.406 ug/ml

(f)=RT Delta > 1/2 Window

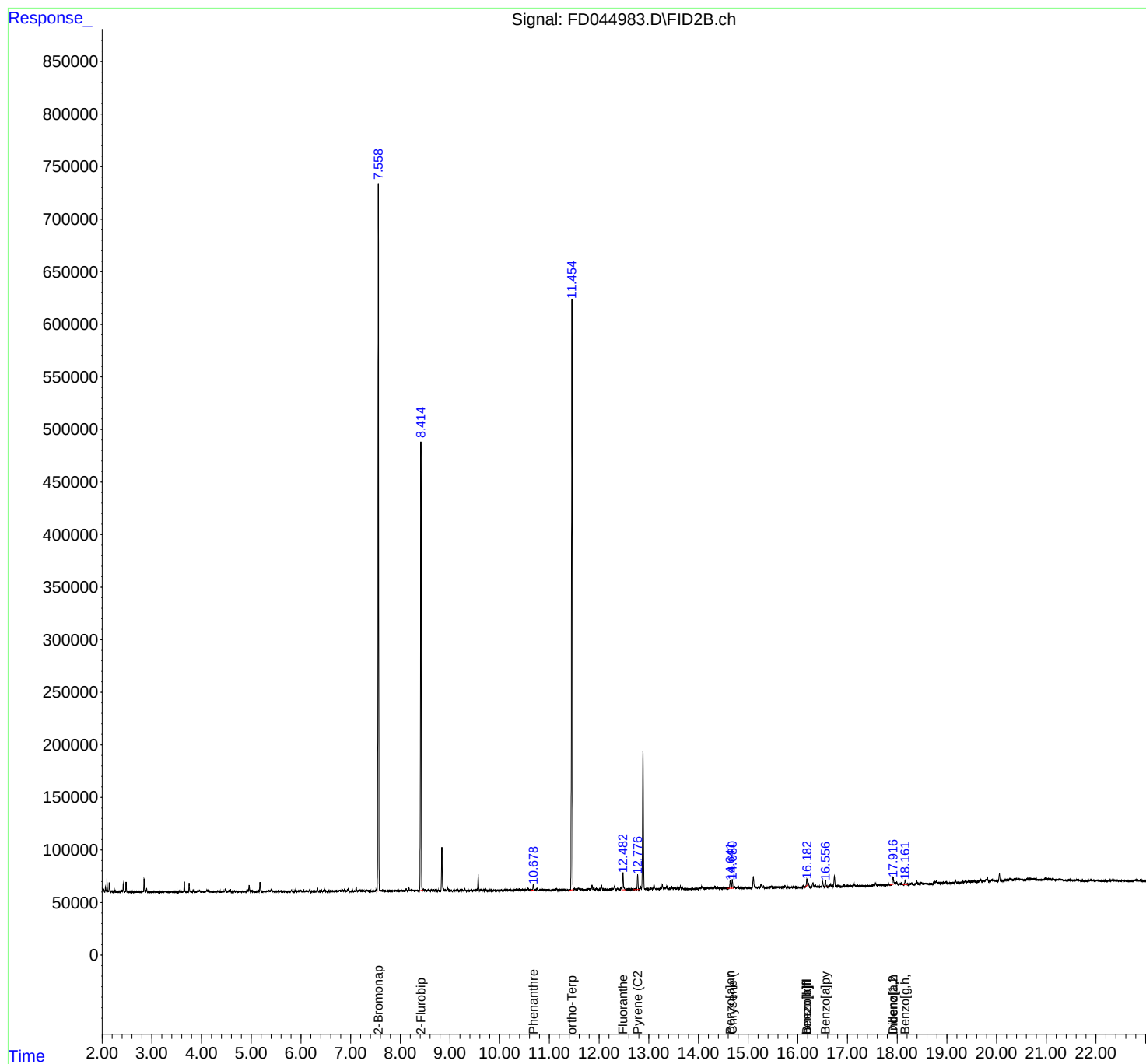
(m)=manual int.

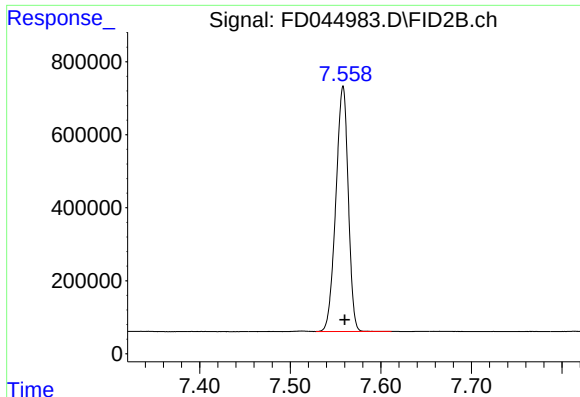
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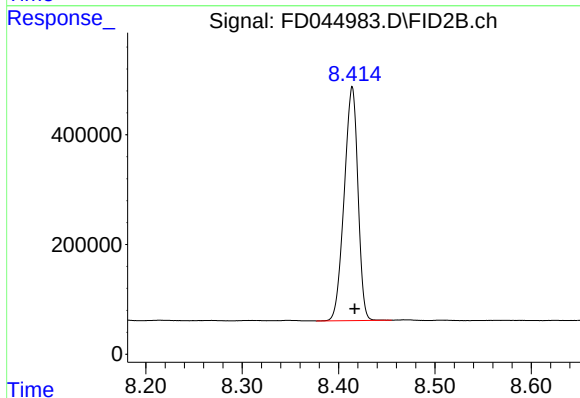




#4 2-Bromonaphthalene (SURR)

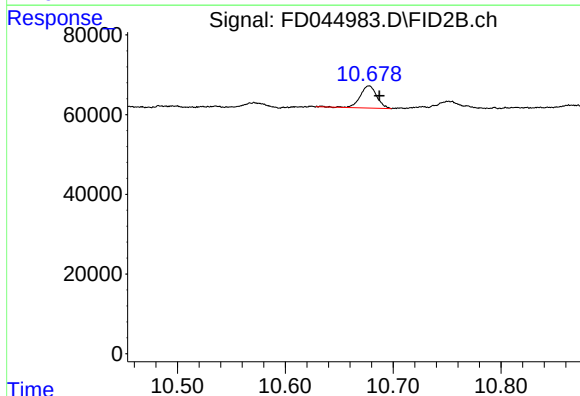
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 6388947
Conc: 43.56 ug/ml

Instrument :
FID_D
ClientSampleId :



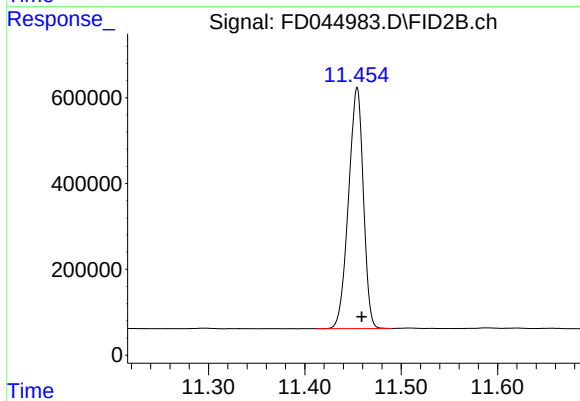
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4196710
Conc: 42.05 ug/ml



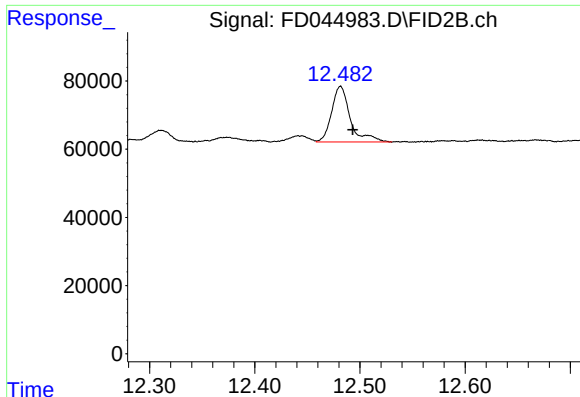
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.010 min
Response: 59881
Conc: 0.37 ug/ml



#11 ortho-Terphenyl (SURR)

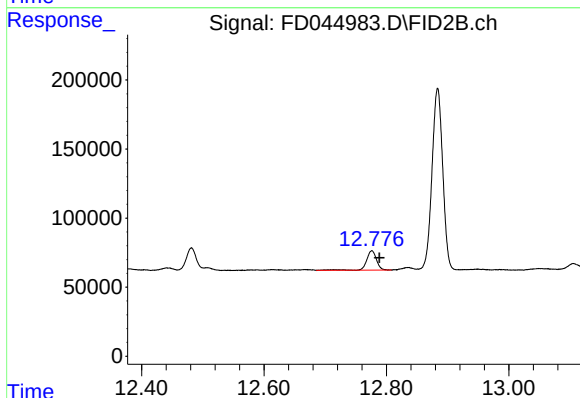
R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 5988339
Conc: 32.22 ug/ml



#12 Fluoranthene (C21.85)

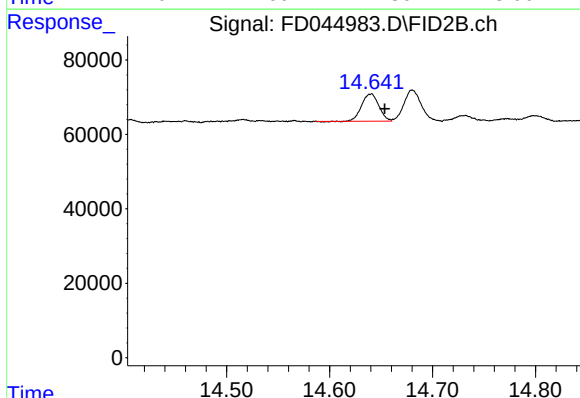
R.T.: 12.482 min
Delta R.T.: -0.012 min
Response: 202018
Conc: 1.26 ug/ml

Instrument :
FID_D
ClientSampleId :



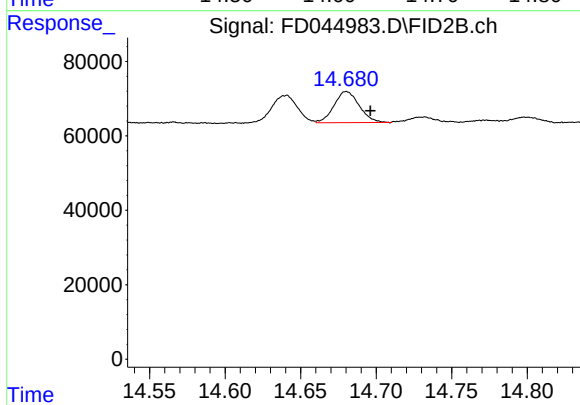
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.012 min
Response: 157029
Conc: 1.00 ug/ml



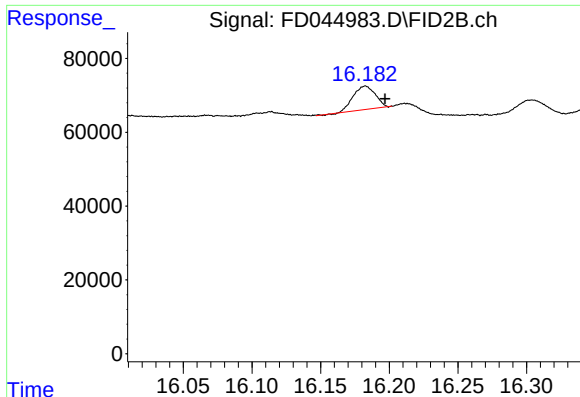
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: -0.014 min
Response: 86262
Conc: 0.60 ug/ml



#15 Chrysene (C27.41)

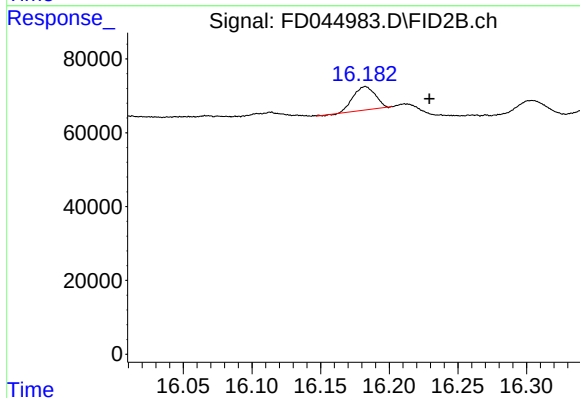
R.T.: 14.681 min
Delta R.T.: -0.016 min
Response: 97040
Conc: 0.66 ug/ml



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

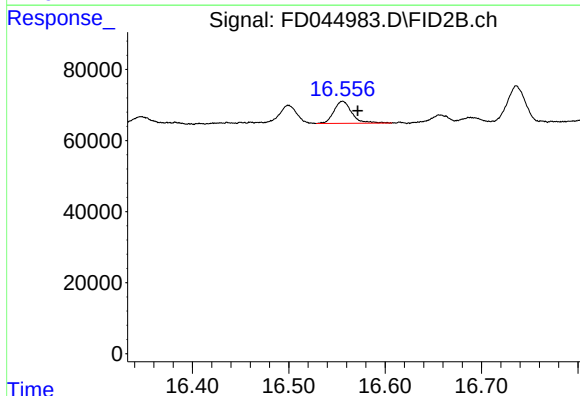
R.T.: 16.183 min
Delta R.T.: -0.015 min
Response: 70501
Conc: 0.49 ug/ml

Instrument :
FID_D
ClientSampleId :



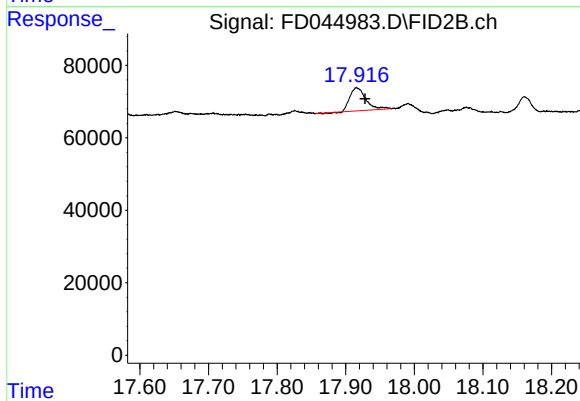
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min
Delta R.T.: -0.047 min
Response: 70501
Conc: 0.49 ug/ml



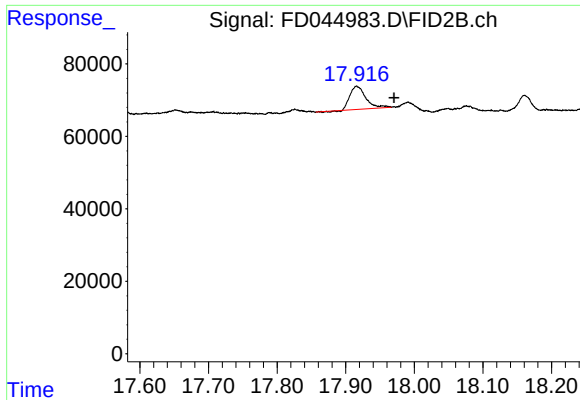
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.016 min
Response: 80163
Conc: 0.57 ug/ml



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

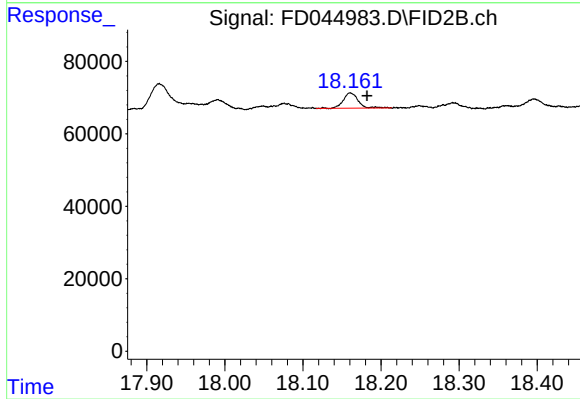
R.T.: 17.916 min
Delta R.T.: -0.012 min
Response: 101266
Conc: 0.75 ug/ml



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

R.T.: 17.916 min
Delta R.T.: -0.054 min
Response: 101266
Conc: 0.76 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: 55234
Conc: 0.41 ug/ml