

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044985.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 09:14
 Operator : YP/AJ
 Sample : 01463-14
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 10:04:59 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	7432824	50.680 ug/ml
Spiked Amount 50.000		Recovery =	101.36%
6) S 2-Fluorobiphenyl (SURR)	8.414	4941490	49.508 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.02%
11) S ortho-Terphenyl (SURR)	11.454	5544676	29.833 ug/ml
Spiked Amount 50.000		Recovery =	59.67%
Target Compounds			
9) T Phenanthrene (C19.36)	10.677	81778	0.506 ug/ml
12) T Fluoranthene (C21.85)	12.481	162566	1.016 ug/ml
13) T Pyrene (C20.8)	12.777	130658	0.833 ug/ml
14) T Benzo[a]anthracene (C...	14.639	76106	0.533 ug/ml
15) T Chrysene (C27.41)	14.681	133479	0.902 ug/ml
16) T benzo[b]fluoranthene ...	16.183	132573	0.914 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	55433	0.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	97923	0.701 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	98348	0.731 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	98348	0.742 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	59220	0.436 ug/ml

(f)=RT Delta > 1/2 Window

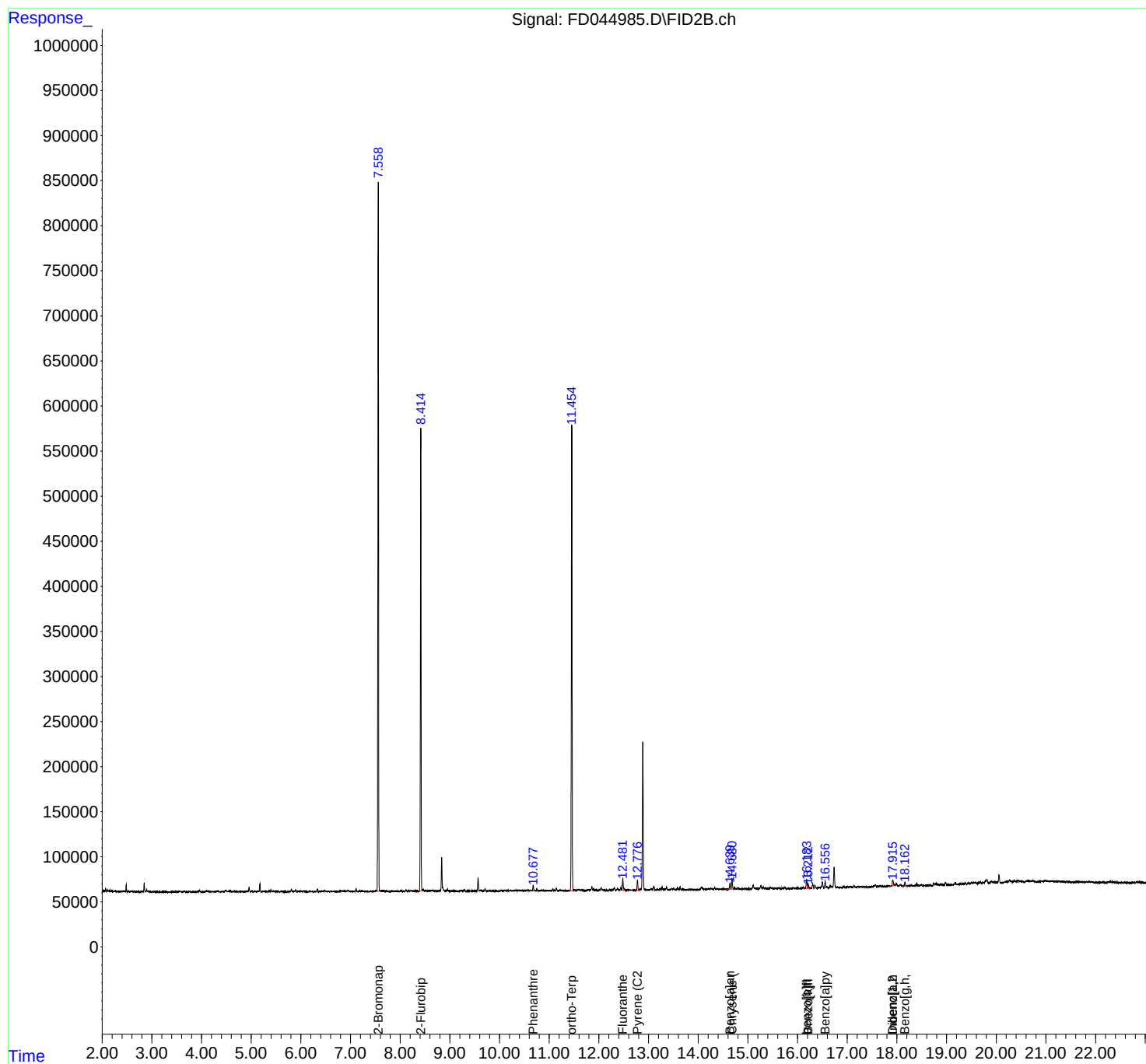
(m)=manual int.

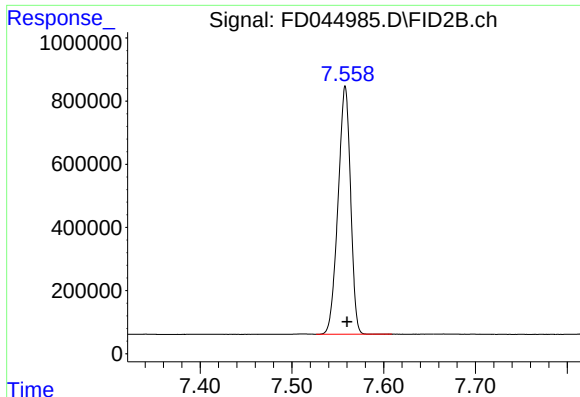
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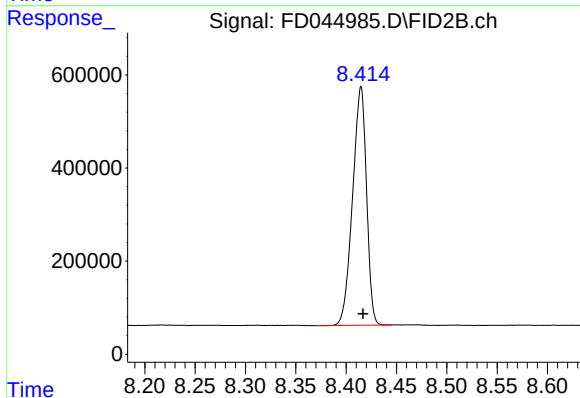




#4 2-Bromonaphthalene (SURRE)

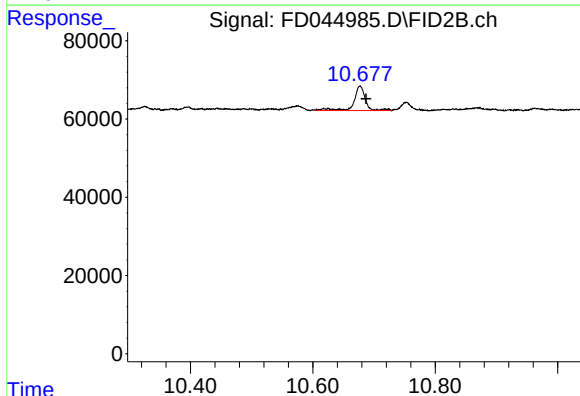
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 7432824
Conc: 50.68 ug/ml

Instrument :
FID_D
ClientSampleId :



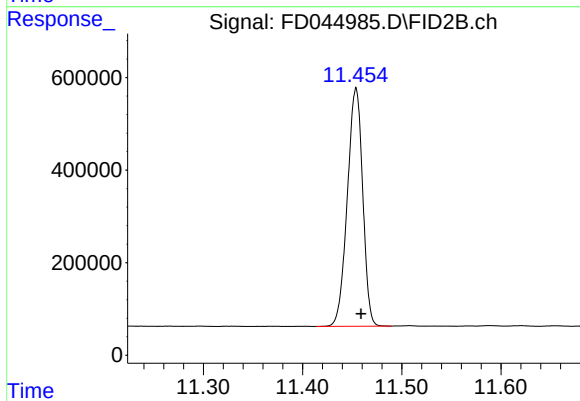
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.414 min
Delta R.T.: -0.002 min
Response: 4941490
Conc: 49.51 ug/ml



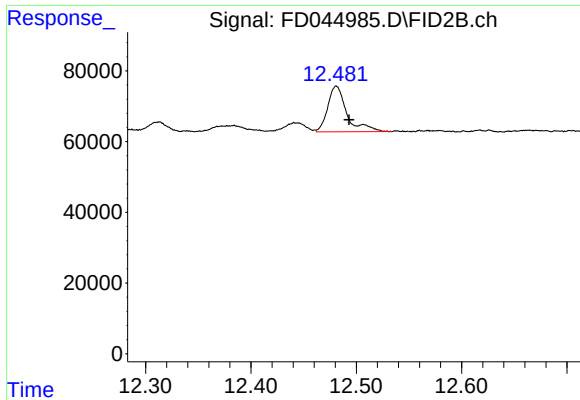
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.010 min
Response: 81778
Conc: 0.51 ug/ml



#11 ortho-Terphenyl (SURRE)

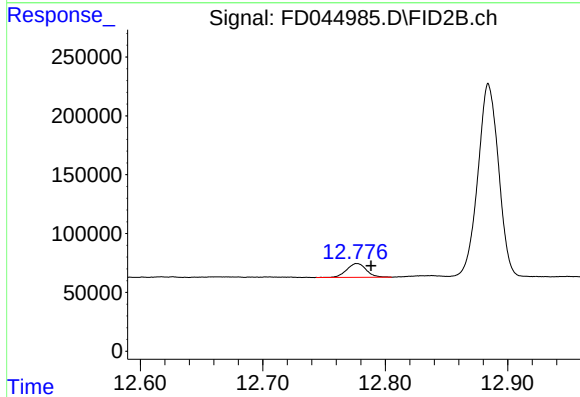
R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 5544676
Conc: 29.83 ug/ml



#12 Fluoranthene (C21.85)

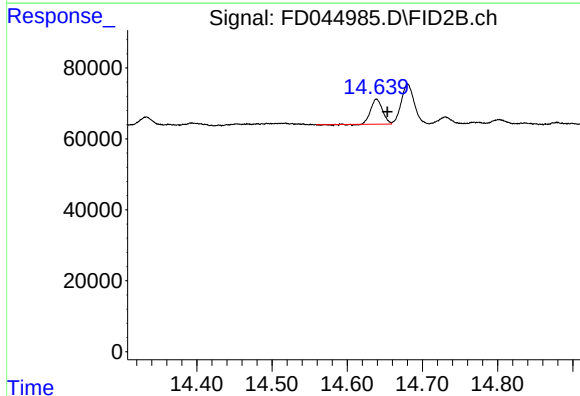
R.T.: 12.481 min
Delta R.T.: -0.012 min
Response: 162566
Conc: 1.02 ug/ml

Instrument :
FID_D
ClientSampleId :



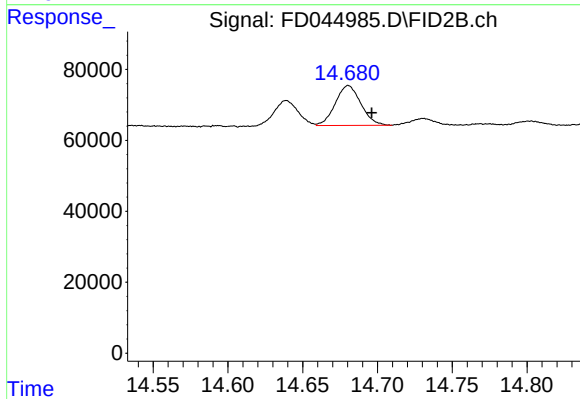
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.011 min
Response: 130658
Conc: 0.83 ug/ml



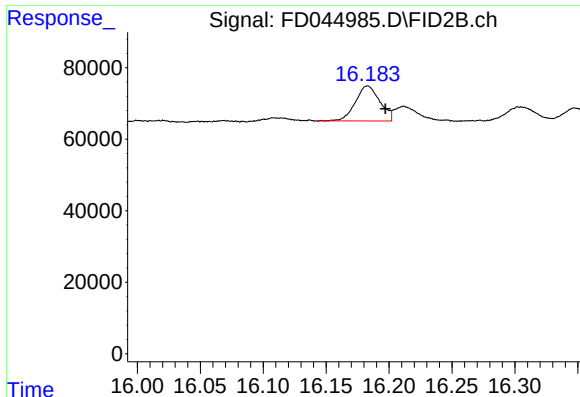
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: -0.014 min
Response: 76106
Conc: 0.53 ug/ml



#15 Chrysene (C27.41)

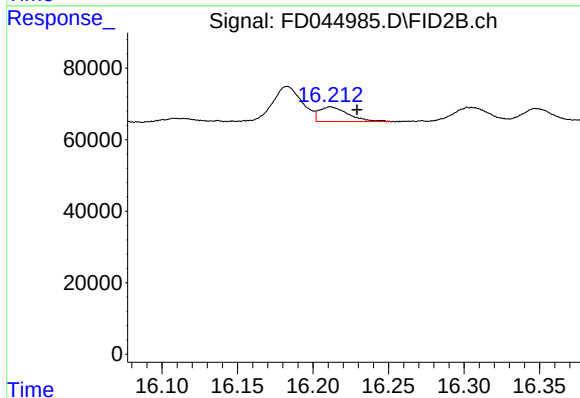
R.T.: 14.681 min
Delta R.T.: -0.016 min
Response: 133479
Conc: 0.90 ug/ml



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

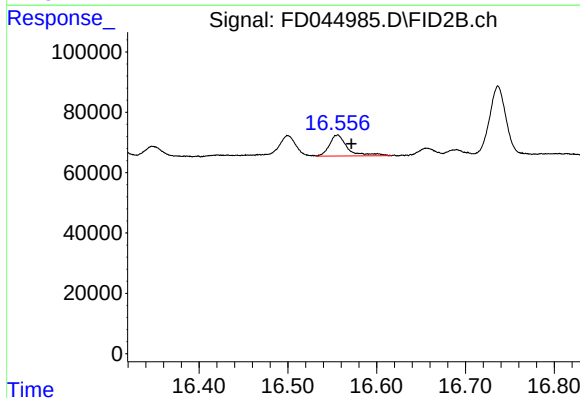
R.T.: 16.183 min
Delta R.T.: -0.014 min
Response: 132573
Conc: 0.91 ug/ml

Instrument :
FID_D
ClientSampleId :



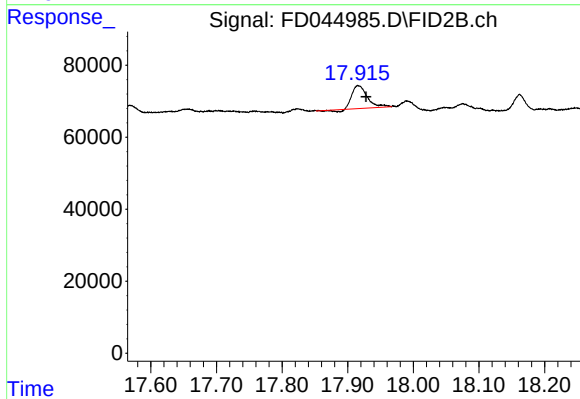
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.212 min
Delta R.T.: -0.017 min
Response: 55433
Conc: 0.39 ug/ml



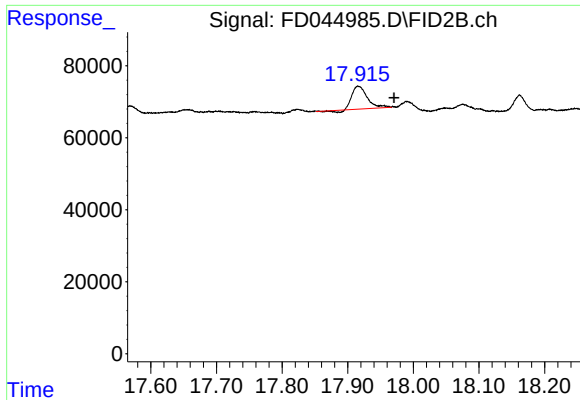
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.016 min
Response: 97923
Conc: 0.70 ug/ml



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

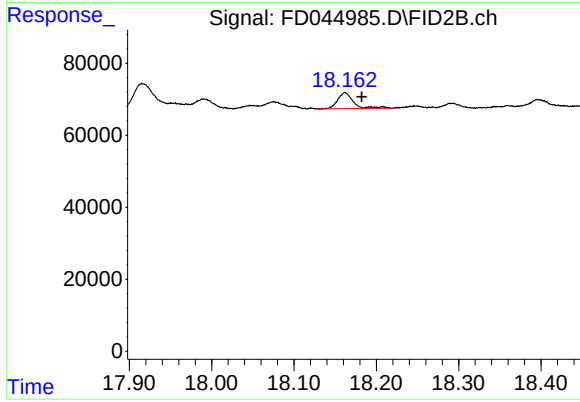
R.T.: 17.916 min
Delta R.T.: -0.012 min
Response: 98348
Conc: 0.73 ug/ml



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

R.T.: 17.916 min
Delta R.T.: -0.054 min
Response: 98348
Conc: 0.74 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: 59220
Conc: 0.44 ug/ml