

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044974.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 01:49
 Operator : YP/AJ
 Sample : 01462-03
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 08 04:09:02 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	5232811	35.680 ug/ml
Spiked Amount 50.000		Recovery =	71.36%
6) S 2-Fluorobiphenyl (SURR)	8.413	3477263	34.838 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.68%
11) S ortho-Terphenyl (SURR)	11.454	5138079	27.645 ug/ml
Spiked Amount 50.000		Recovery =	55.29%
Target Compounds			
9) T Phenanthrene (C19.36)	10.678	109180	0.675 ug/ml
12) T Fluoranthene (C21.85)	12.482	219029	1.369 ug/ml
13) T Pyrene (C20.8)	12.777	192746	1.228 ug/ml
14) T Benzo[a]anthracene (C...	14.640	98694	0.692 ug/ml
15) T Chrysene (C27.41)	14.680	115517	0.780 ug/ml
16) T benzo[b]fluoranthene ...	16.211	62345	0.430 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	62345	0.437 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	125554	0.898 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	68566	0.510 ug/ml
20) T Dibenz[a,h]anthracene...	17.915	68566	0.517 ug/ml
21) T Benzo[g,h,i]perylene ...	18.163	67436	0.496 ug/ml

(f)=RT Delta > 1/2 Window

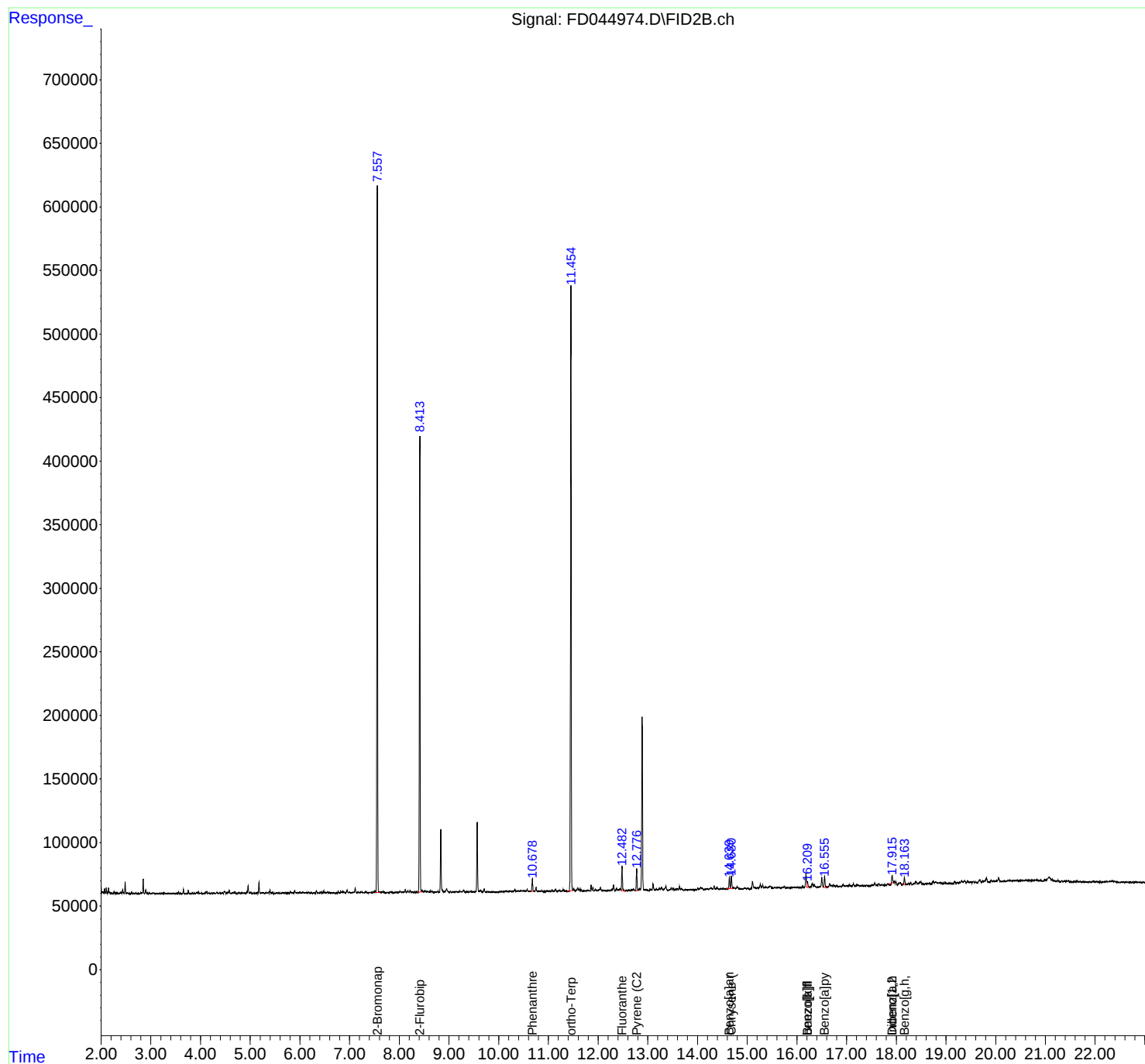
(m)=manual int.

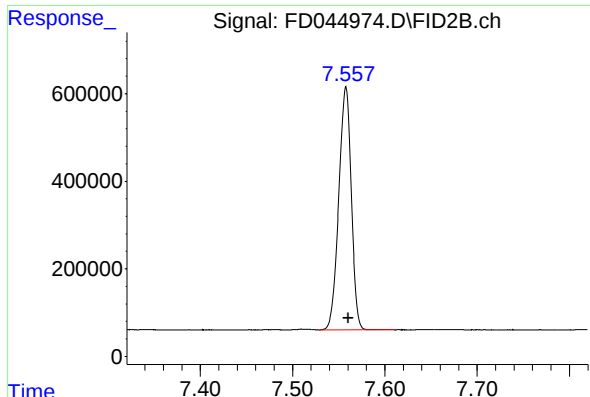
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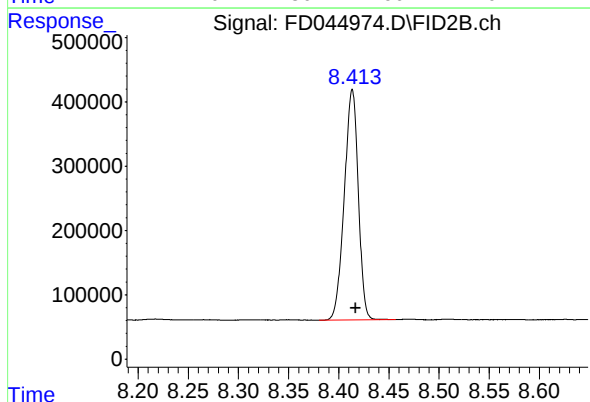




#4 2-Bromonaphthalene (SURR)

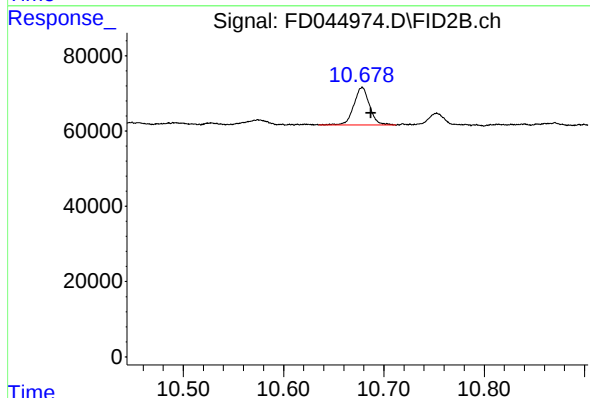
R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 5232811
Conc: 35.68 ug/ml

Instrument :
FID_D
ClientSampleId :



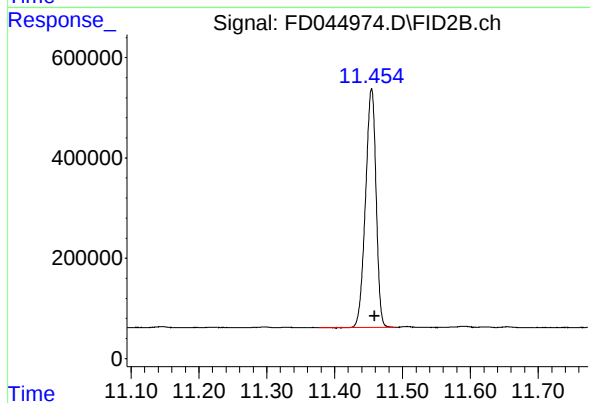
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.003 min
Response: 3477263
Conc: 34.84 ug/ml



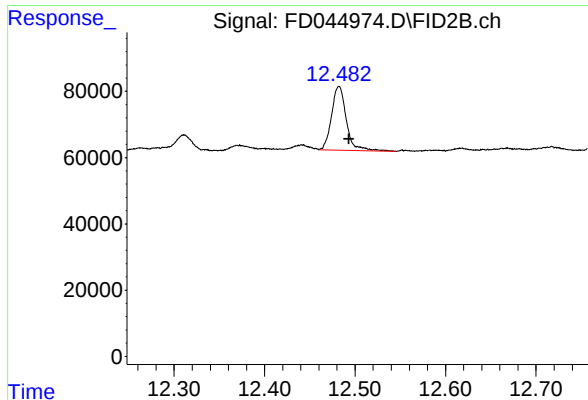
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.009 min
Response: 109180
Conc: 0.68 ug/ml



#11 ortho-Terphenyl (SURR)

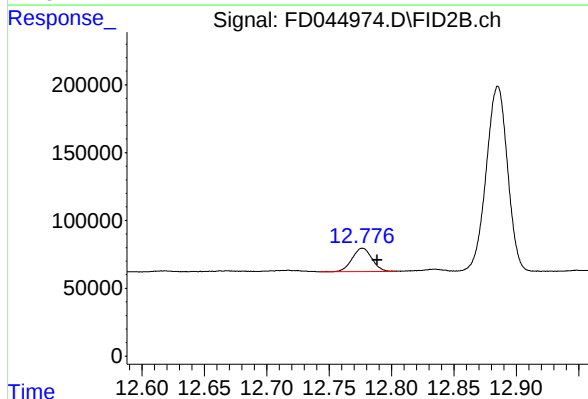
R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 5138079
Conc: 27.64 ug/ml



#12 Fluoranthene (C21.85)

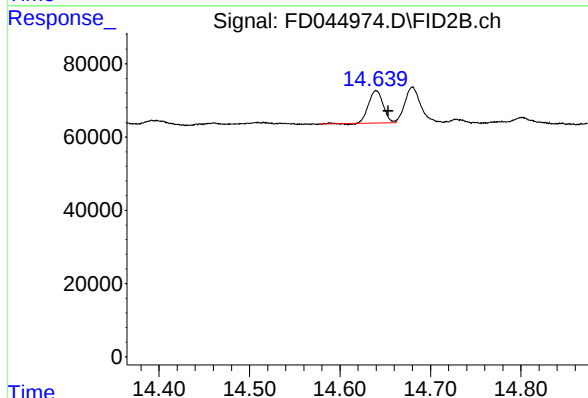
R.T.: 12.482 min
Delta R.T.: -0.011 min
Response: 219029
Conc: 1.37 ug/ml

Instrument :
FID_D
ClientSampleId :



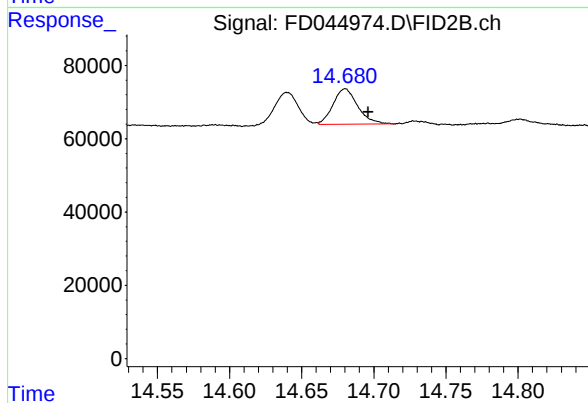
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.012 min
Response: 192746
Conc: 1.23 ug/ml



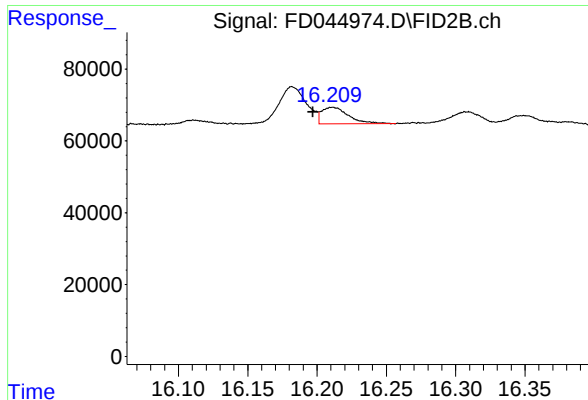
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: -0.013 min
Response: 98694
Conc: 0.69 ug/ml



#15 Chrysene (C27.41)

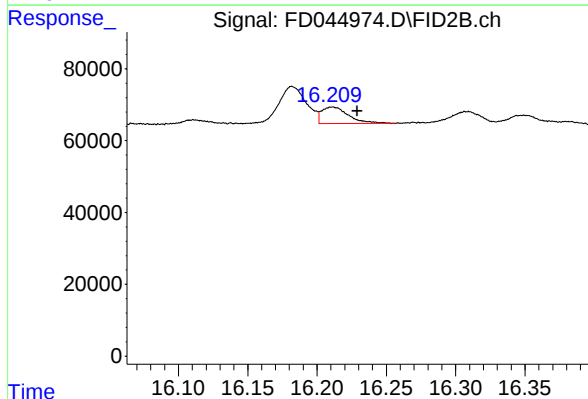
R.T.: 14.680 min
Delta R.T.: -0.016 min
Response: 115517
Conc: 0.78 ug/ml



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

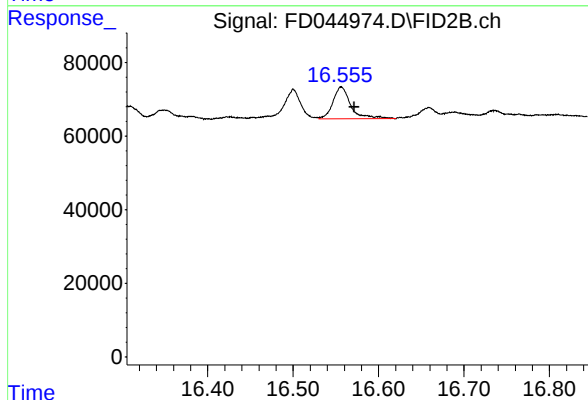
R.T.: 16.211 min
Delta R.T.: 0.014 min
Response: 62345
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



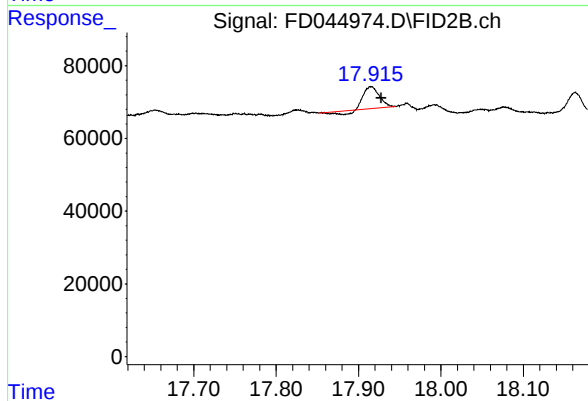
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.211 min
Delta R.T.: -0.018 min
Response: 62345
Conc: 0.44 ug/ml



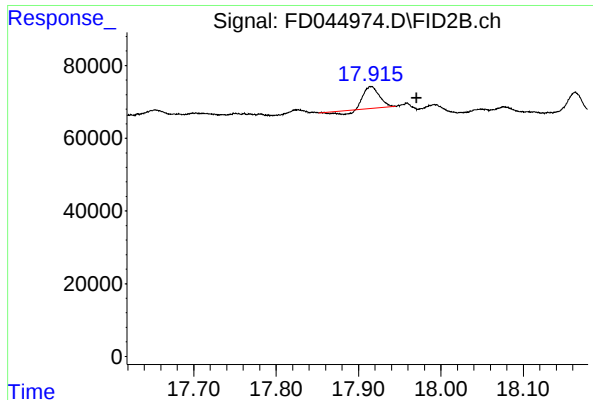
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.015 min
Response: 125554
Conc: 0.90 ug/ml



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

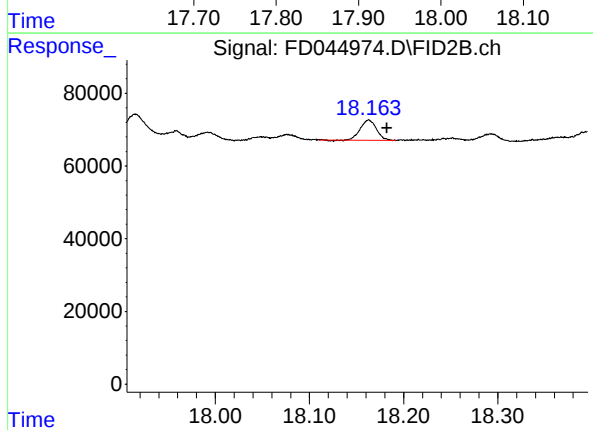
R.T.: 17.915 min
Delta R.T.: -0.013 min
Response: 68566
Conc: 0.51 ug/ml



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

R.T.: 17.915 min
Delta R.T.: -0.056 min
Response: 68566
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.163 min
Delta R.T.: -0.019 min
Response: 67436
Conc: 0.50 ug/ml