

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044987.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 10:37
 Operator : YP/AJ
 Sample : 01463-21
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 10:05:15 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	6316762	43.071 ug/ml
Spiked Amount 50.000		Recovery =	86.14%
6) S 2-Fluorobiphenyl (SURR)	8.413	4131953	41.397 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.79%
11) S ortho-Terphenyl (SURR)	11.454	6126394	32.963 ug/ml
Spiked Amount 50.000		Recovery =	65.93%
Target Compounds			
9) T Phenanthrene (C19.36)	10.677	88495	0.547 ug/ml
12) T Fluoranthene (C21.85)	12.481	179060	1.119 ug/ml
13) T Pyrene (C20.8)	12.776	145206	0.925 ug/ml
14) T Benzo[a]anthracene (C...	14.639	97026	0.680 ug/ml
15) T Chrysene (C27.41)	14.680	88543	0.598 ug/ml
16) T benzo[b]fluoranthene ...	16.183	160492	1.106 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	160492	1.126 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	82507	0.590 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	82224	0.611 ug/ml
20) T Dibenz[a,h]anthracene...	17.914	82224	0.620 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	63645	0.468 ug/ml

(f)=RT Delta > 1/2 Window

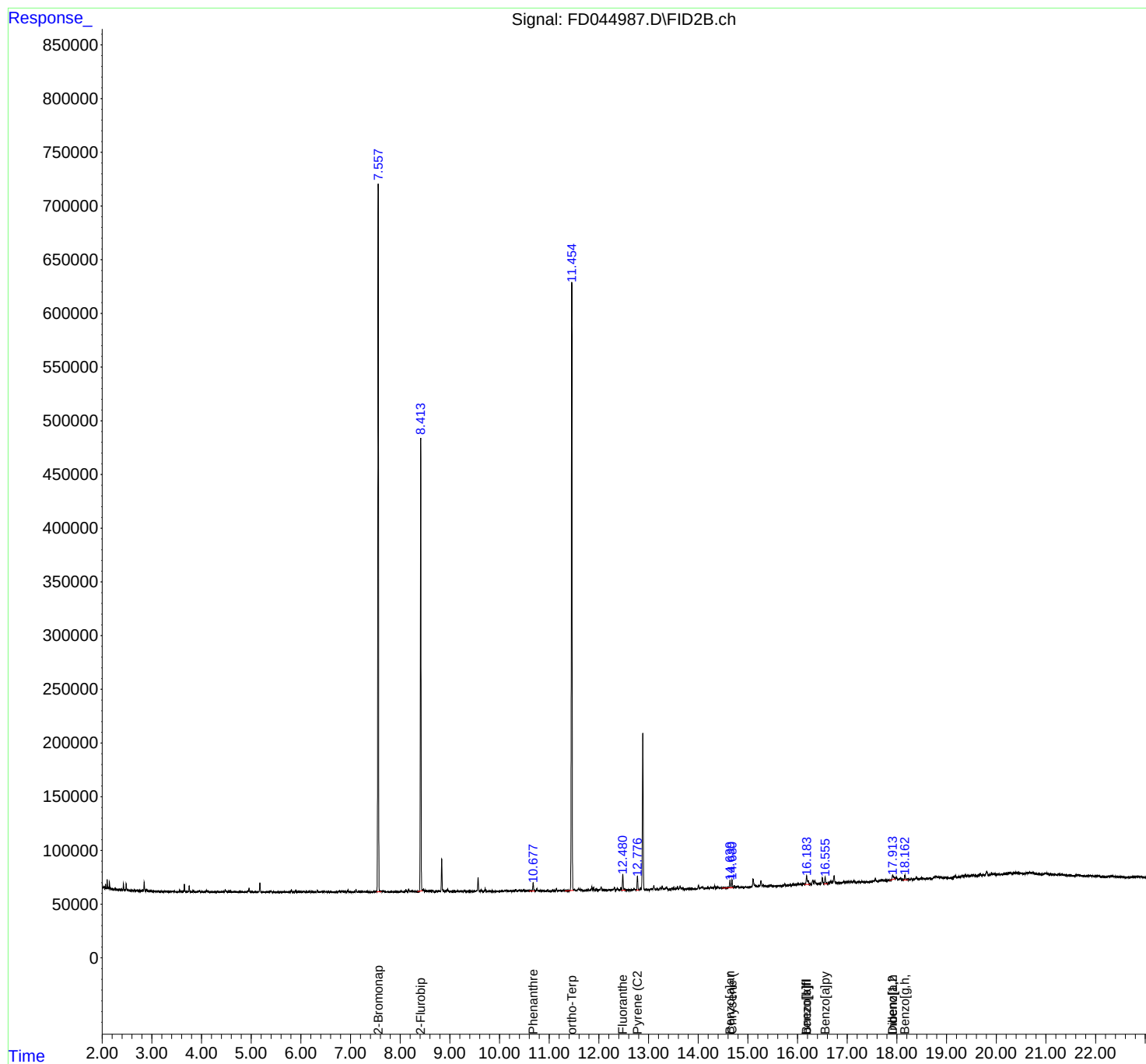
(m)=manual int.

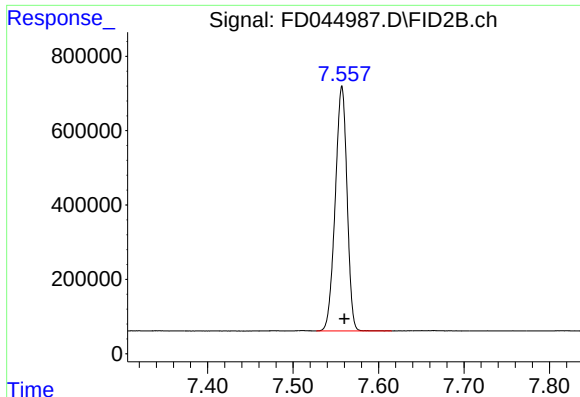
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Signal Info : 20M x 0.18mm x 0.18µm

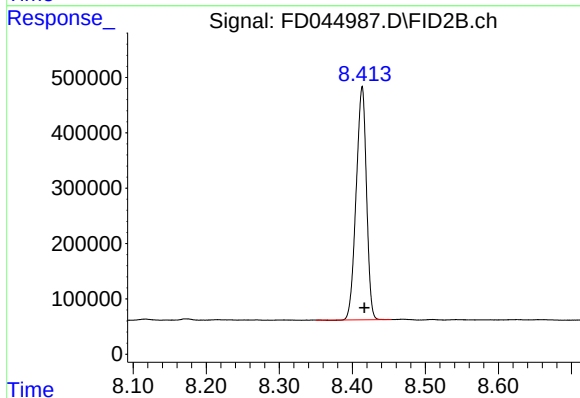




#4 2-Bromonaphthalene (SURRE)

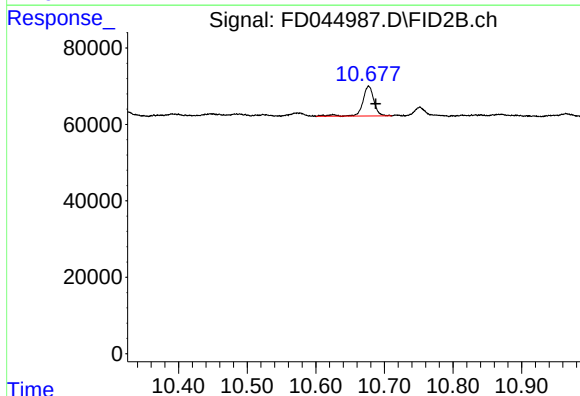
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6316762
Conc: 43.07 ug/ml

Instrument :
FID_D
ClientSampleId :



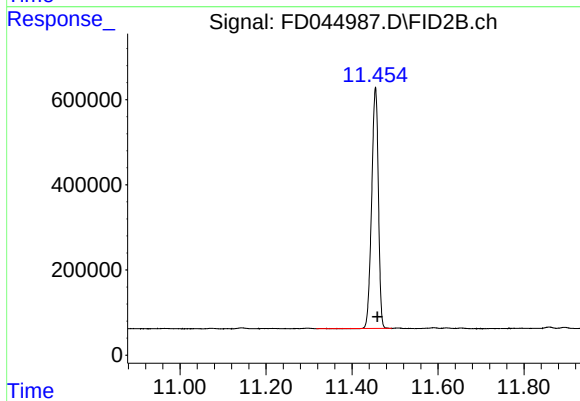
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.413 min
Delta R.T.: -0.003 min
Response: 4131953
Conc: 41.40 ug/ml



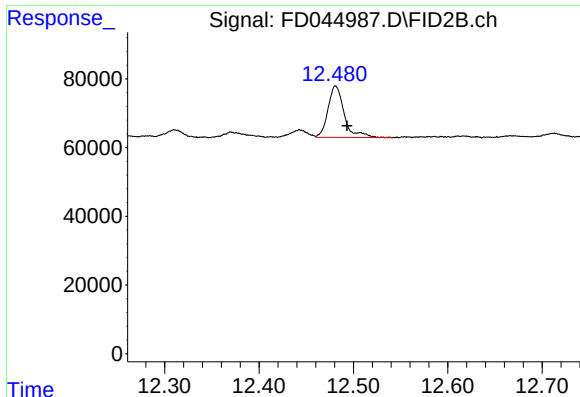
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.010 min
Response: 88495
Conc: 0.55 ug/ml



#11 ortho-Terphenyl (SURRE)

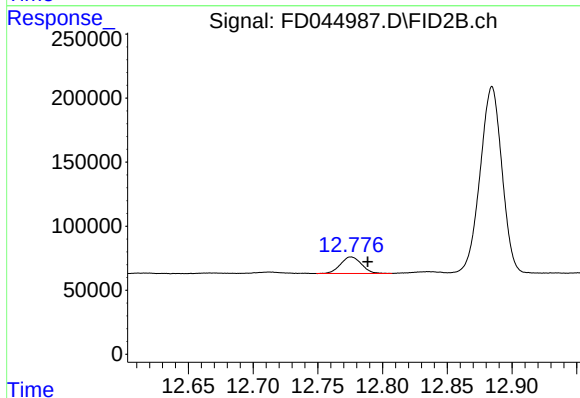
R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 6126394
Conc: 32.96 ug/ml



#12 Fluoranthene (C21.85)

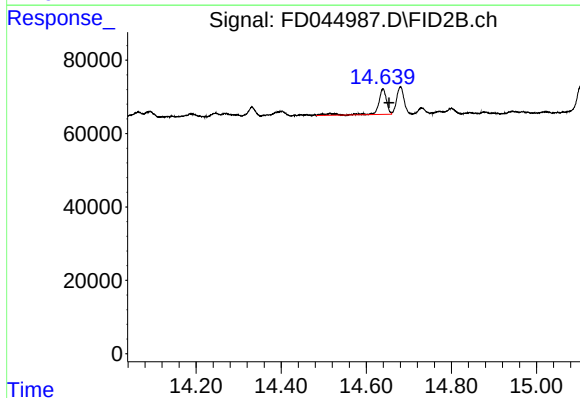
R.T.: 12.481 min
Delta R.T.: -0.012 min
Response: 179060
Conc: 1.12 ug/ml

Instrument :
FID_D
ClientSampleId :



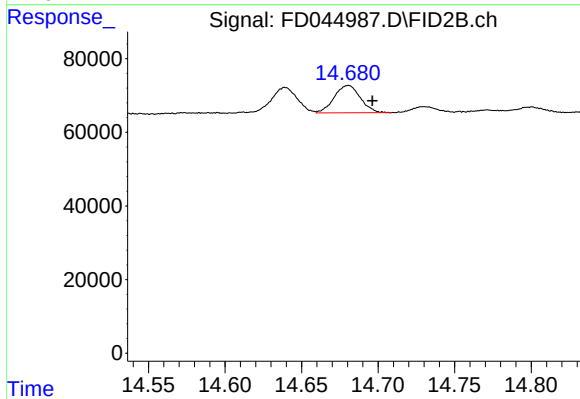
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.013 min
Response: 145206
Conc: 0.93 ug/ml



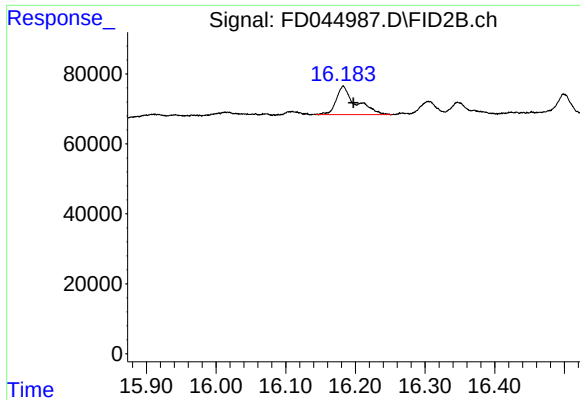
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: -0.014 min
Response: 97026
Conc: 0.68 ug/ml



#15 Chrysene (C27.41)

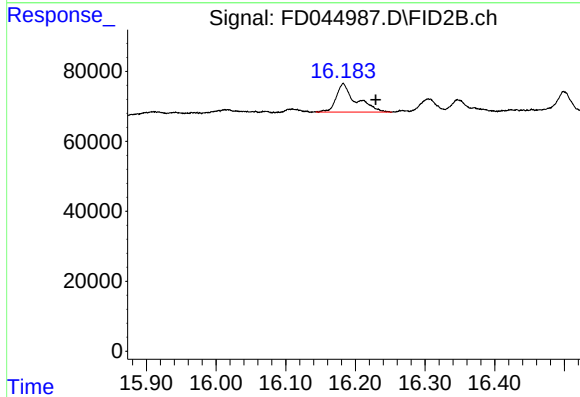
R.T.: 14.680 min
Delta R.T.: -0.016 min
Response: 88543
Conc: 0.60 ug/ml



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

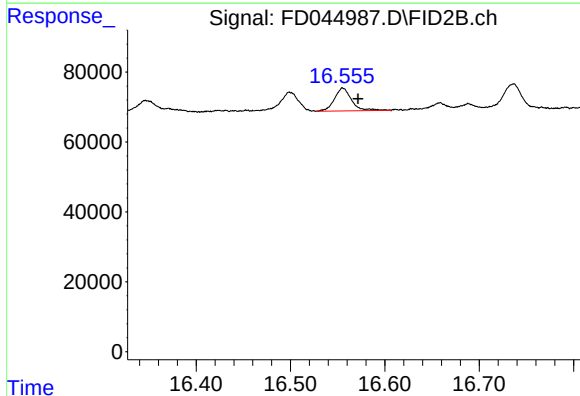
R.T.: 16.183 min
Delta R.T.: -0.015 min
Response: 160492
Conc: 1.11 ug/ml

Instrument :
FID_D
ClientSampleId :



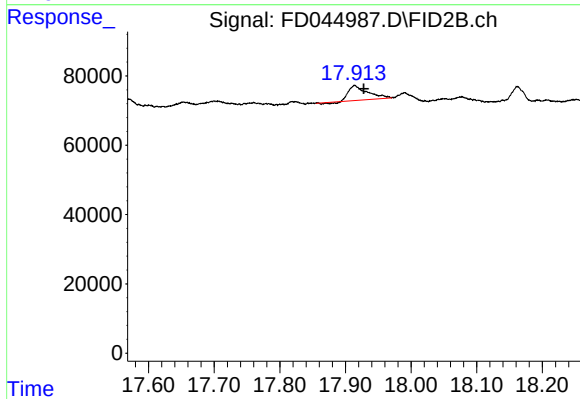
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min
Delta R.T.: -0.047 min
Response: 160492
Conc: 1.13 ug/ml



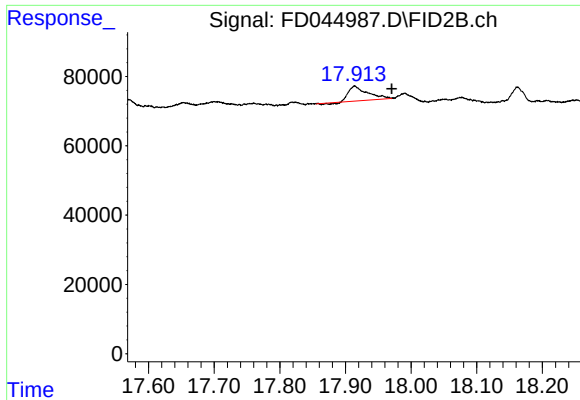
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.016 min
Response: 82507
Conc: 0.59 ug/ml



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

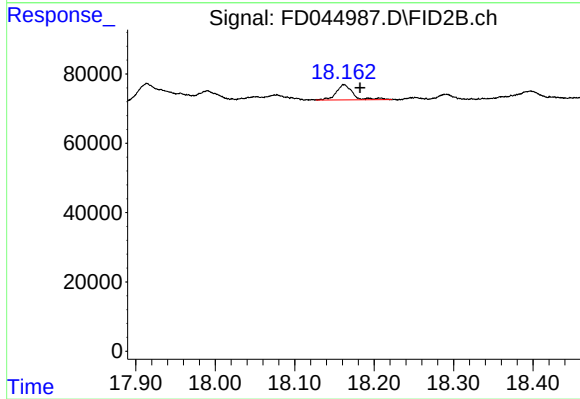
R.T.: 17.914 min
Delta R.T.: -0.014 min
Response: 82224
Conc: 0.61 ug/ml



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

R.T.: 17.914 min
Delta R.T.: -0.056 min
Response: 82224
Conc: 0.62 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: 63645
Conc: 0.47 ug/ml