

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044989.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 12:02
 Operator : YP/AJ
 Sample : 01464-05
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 10:05:31 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	6433870	43.869 ug/ml
Spiked Amount 50.000		Recovery =	87.74%
6) S 2-Fluorobiphenyl (SURR)	8.413	4284407	42.924 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.85%
11) S ortho-Terphenyl (SURR)	11.453	6605242	35.539 ug/ml
Spiked Amount 50.000		Recovery =	71.08%
Target Compounds			
9) T Phenanthrene (C19.36)	10.677	99051	0.613 ug/ml
12) T Fluoranthene (C21.85)	12.479	228155	1.426 ug/ml
13) T Pyrene (C20.8)	12.775	173168	1.104 ug/ml
14) T Benzo[a]anthracene (C...	14.637	91553	0.641 ug/ml
15) T Chrysene (C27.41)	14.678	106085	0.716 ug/ml
16) T benzo[b]fluoranthene ...	16.210	53442	0.368 ug/ml
17) T Bnezo[k]fluoranthene ...	16.210	53442	0.375 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	107899	0.772 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	141948	1.055 ug/ml
20) T Dibenz[a,h]anthracene...	17.915	141948	1.071 ug/ml
21) T Benzo[g,h,i]perylene ...	18.161	61537	0.453 ug/ml

(f)=RT Delta > 1/2 Window

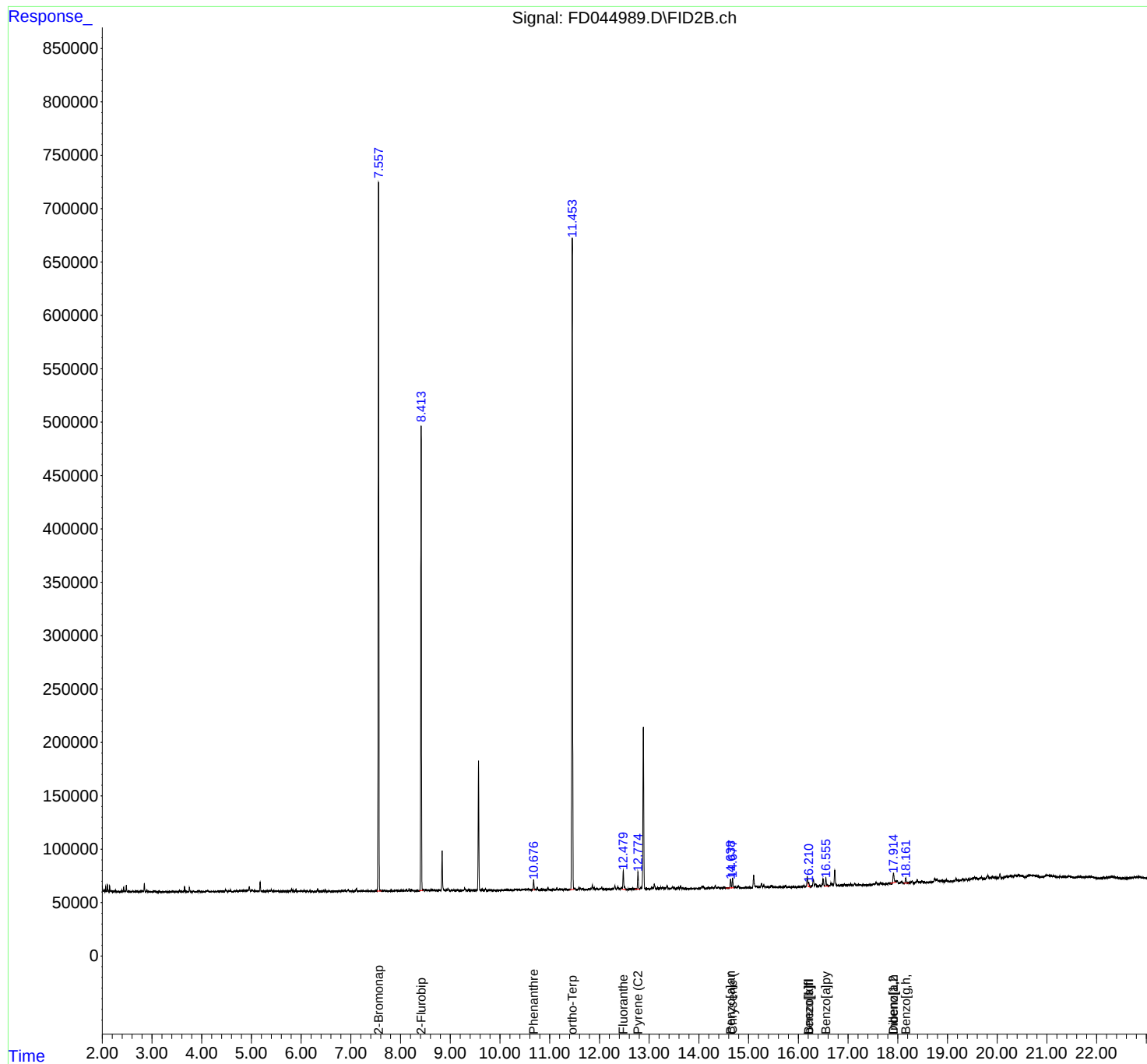
(m)=manual int.

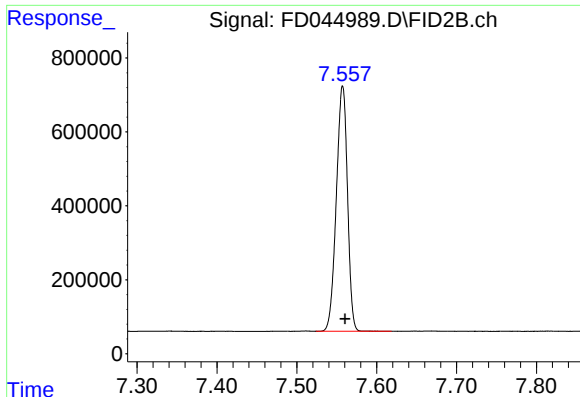
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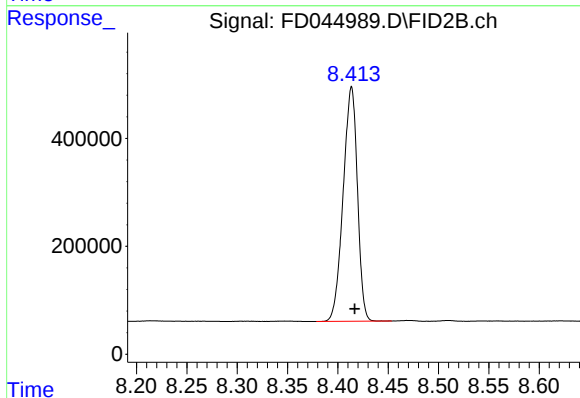




#4 2-Bromonaphthalene (SURRE)

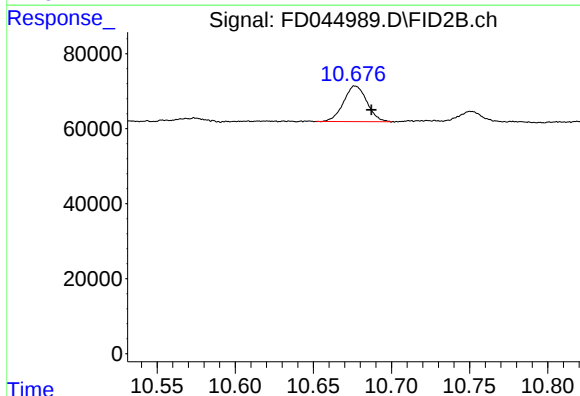
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6433870
Conc: 43.87 ug/ml

Instrument :
FID_D
ClientSampleId :



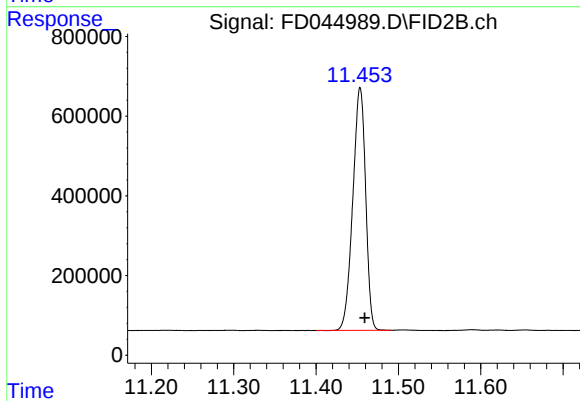
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.413 min
Delta R.T.: -0.003 min
Response: 4284407
Conc: 42.92 ug/ml



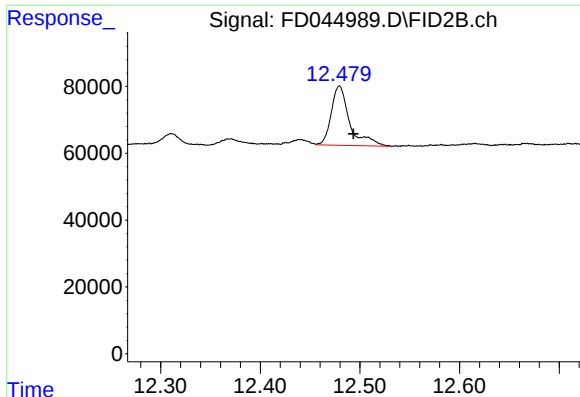
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.010 min
Response: 99051
Conc: 0.61 ug/ml



#11 ortho-Terphenyl (SURRE)

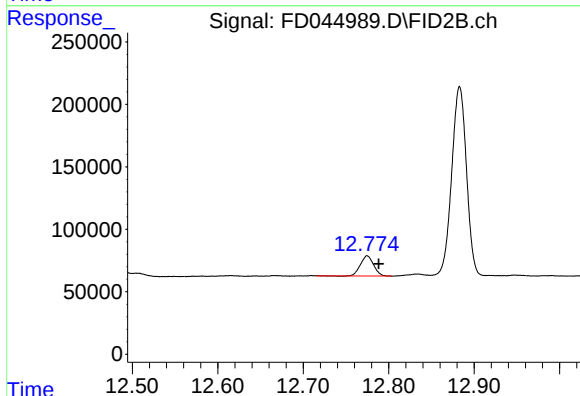
R.T.: 11.453 min
Delta R.T.: -0.006 min
Response: 6605242
Conc: 35.54 ug/ml



#12 Fluoranthene (C21.85)

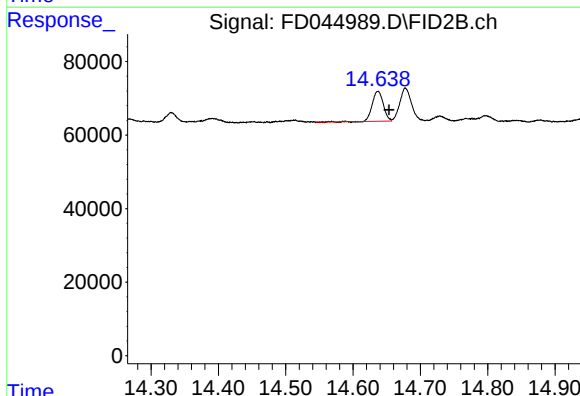
R.T.: 12.479 min
Delta R.T.: -0.014 min
Response: 228155
Conc: 1.43 ug/ml

Instrument :
FID_D
ClientSampleId :



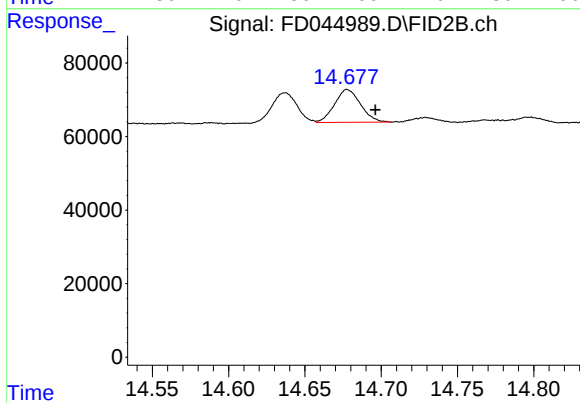
#13 Pyrene (C20.8)

R.T.: 12.775 min
Delta R.T.: -0.014 min
Response: 173168
Conc: 1.10 ug/ml



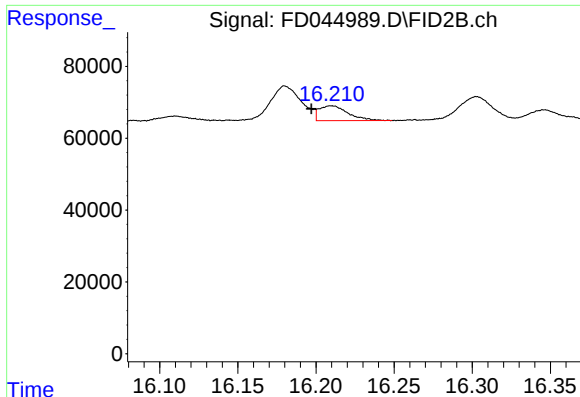
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: -0.016 min
Response: 91553
Conc: 0.64 ug/ml



#15 Chrysene (C27.41)

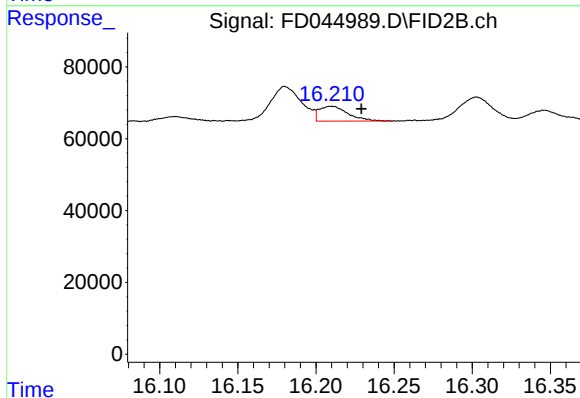
R.T.: 14.678 min
Delta R.T.: -0.018 min
Response: 106085
Conc: 0.72 ug/ml



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

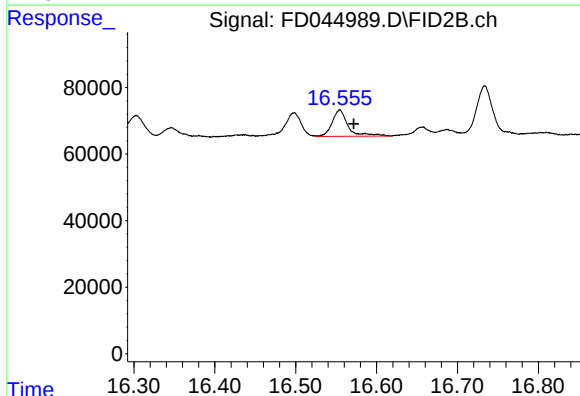
R.T.: 16.210 min
Delta R.T.: 0.013 min
Response: 53442
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



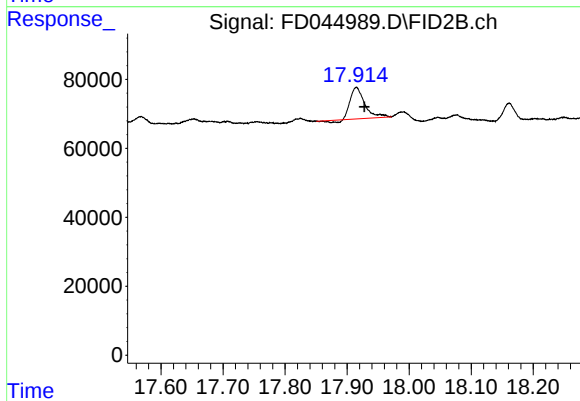
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.210 min
Delta R.T.: -0.019 min
Response: 53442
Conc: 0.37 ug/ml



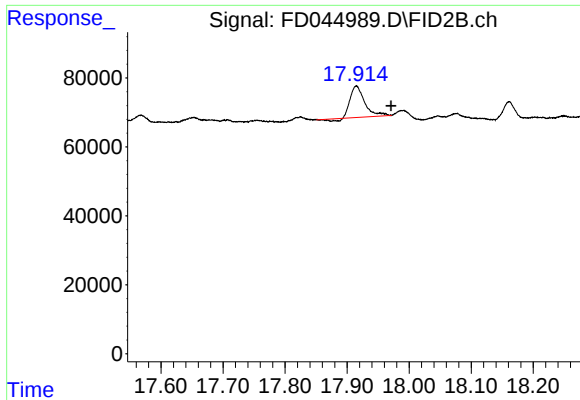
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.554 min
Delta R.T.: -0.017 min
Response: 107899
Conc: 0.77 ug/ml



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

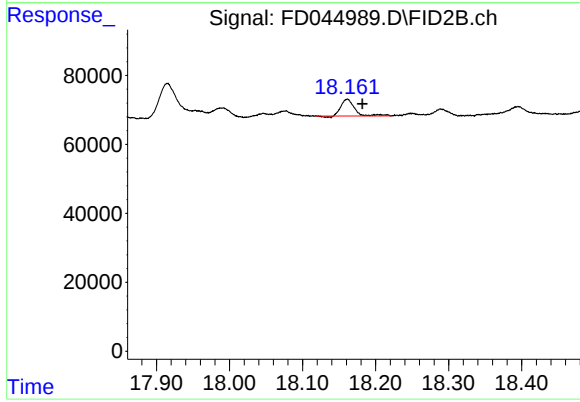
R.T.: 17.915 min
Delta R.T.: -0.013 min
Response: 141948
Conc: 1.05 ug/ml



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

R.T.: 17.915 min
Delta R.T.: -0.056 min
Response: 141948
Conc: 1.07 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: 61537
Conc: 0.45 ug/ml