

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044969.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2023 22:22
 Operator : YP/AJ
 Sample : 01416-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 08 04:08:28 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...	7.557	5589206	38.110 ug/ml
Spiked Amount 50.000		Recovery =	76.22%
6) S 2-Fluorobiphenyl (SURR)	8.412	3665613	36.725 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.45%
11) S ortho-Terphenyl (SURR)	11.454	5637284	30.331 ug/ml
Spiked Amount 50.000		Recovery =	60.66%
Target Compounds			
2) T Naphthalene (C11.7)	5.896	30946	0.183 ug/ml
5) T Acenaphthylene (C15.06)	8.214	51532	0.328 ug/ml
9) T Phenanthrene (C19.36)	10.677	106384	0.658 ug/ml
12) T Fluoranthene (C21.85)	12.482	298628	1.866 ug/ml
13) T Pyrene (C20.8)	12.776	247324	1.576 ug/ml
14) T Benzo[a]anthracene (C...	14.640	147334	1.032 ug/ml
15) T Chrysene (C27.41)	14.680	215186	1.453 ug/ml
16) T benzo[b]fluoranthene ...	16.211	114226	0.787 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	114226	0.801 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	154362	1.105 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912	164077	1.219 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	86590	0.653 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	139194	1.024 ug/ml

(f)=RT Delta > 1/2 Window

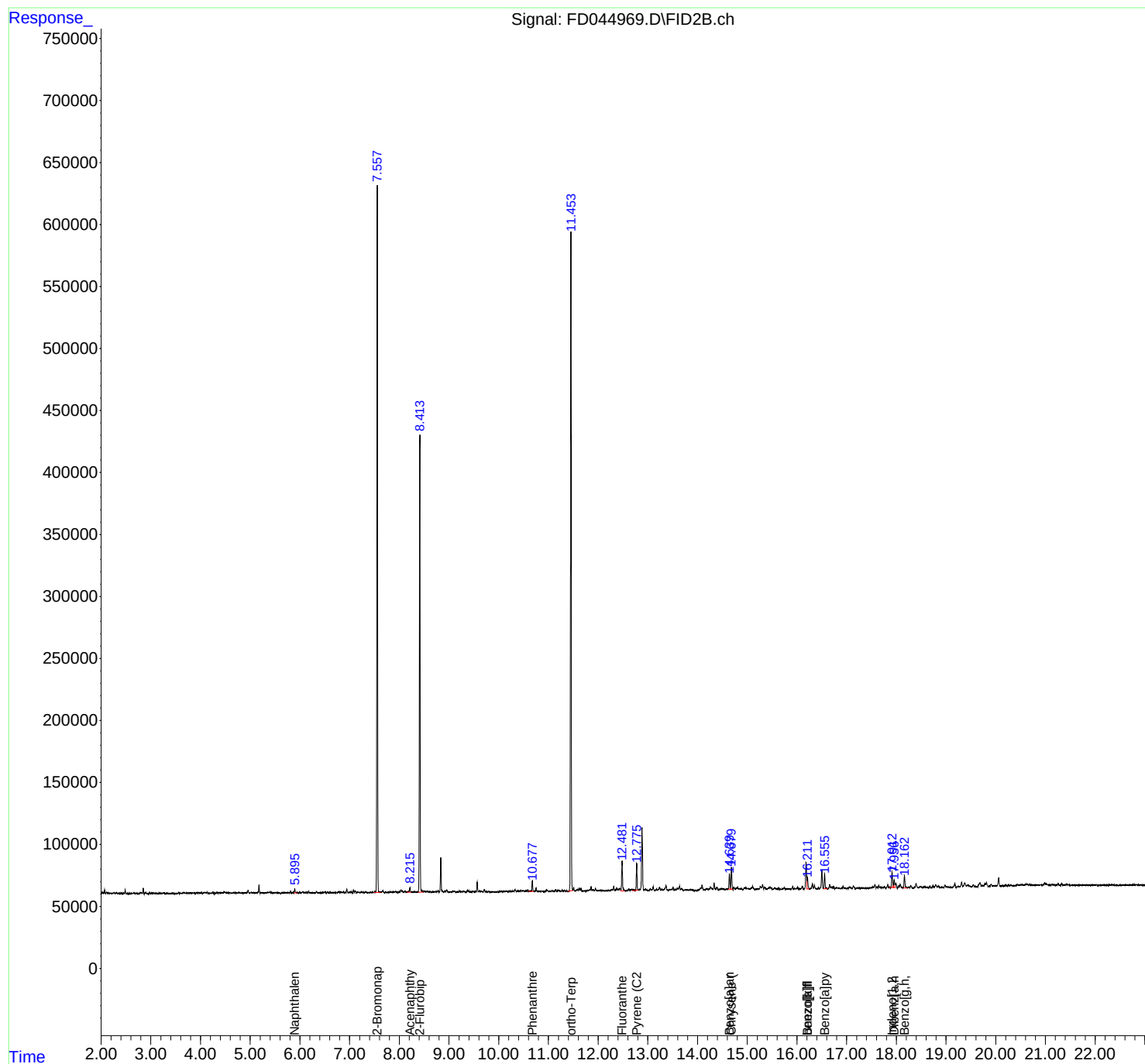
(m)=manual int.

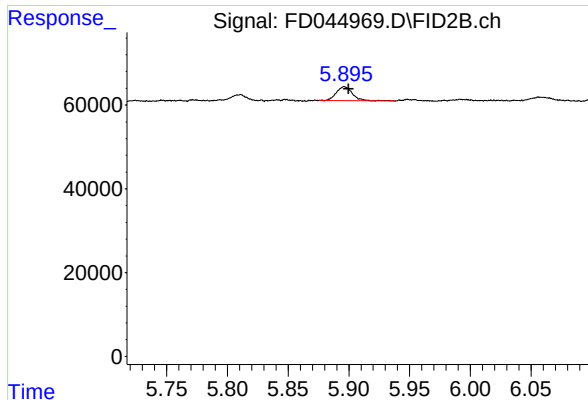
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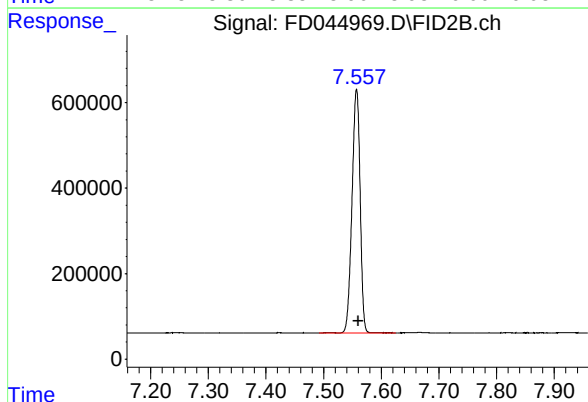
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.003 min
Response: 30946
Conc: 0.18 ug/ml

Instrument :

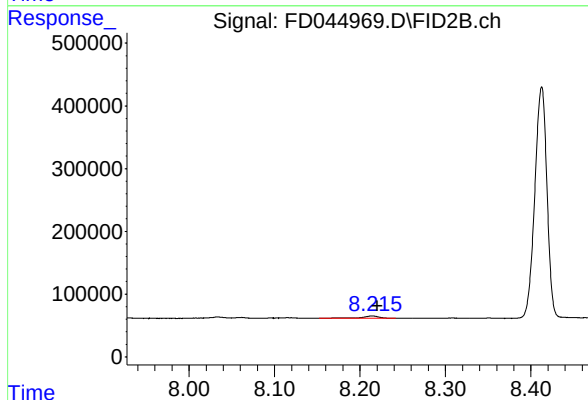
FID_D

ClientSampleId :



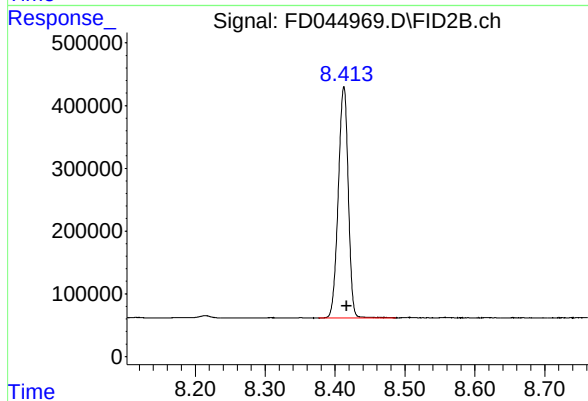
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 5589206
Conc: 38.11 ug/ml



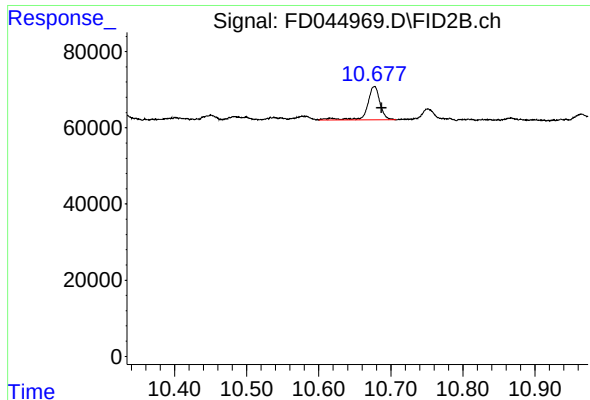
#5 Acenaphthylene (C15.06)

R.T.: 8.214 min
Delta R.T.: -0.006 min
Response: 51532
Conc: 0.33 ug/ml



#6 2-Fluorobiphenyl (SURR)

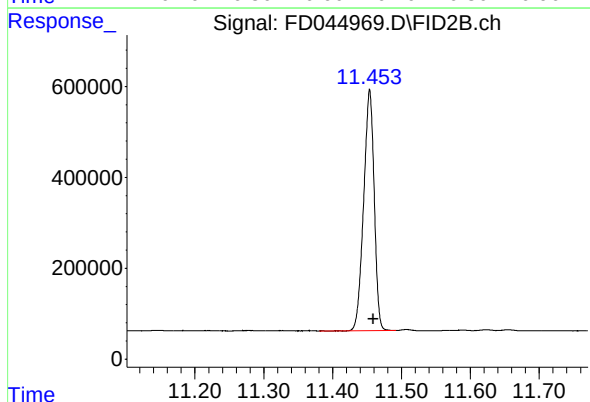
R.T.: 8.412 min
Delta R.T.: -0.004 min
Response: 3665613
Conc: 36.72 ug/ml



#9 Phenanthrene (C19.36)

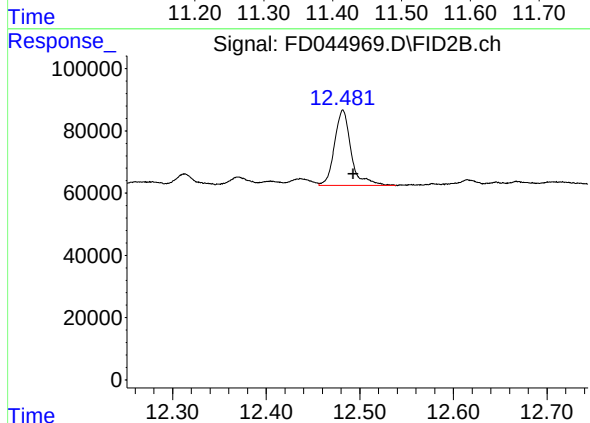
R.T.: 10.677 min
Delta R.T.: -0.010 min
Response: 106384
Conc: 0.66 ug/ml

Instrument :
FID_D
ClientSampleId :



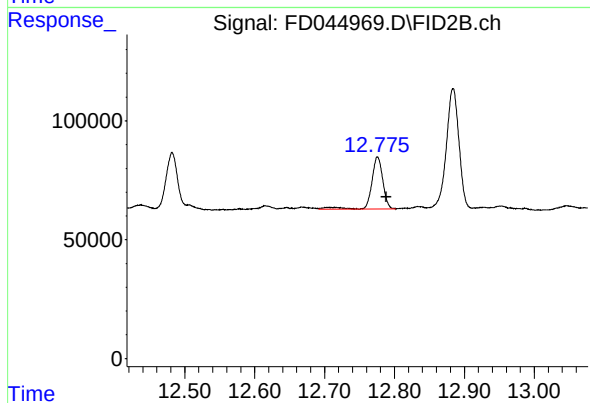
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 5637284
Conc: 30.33 ug/ml



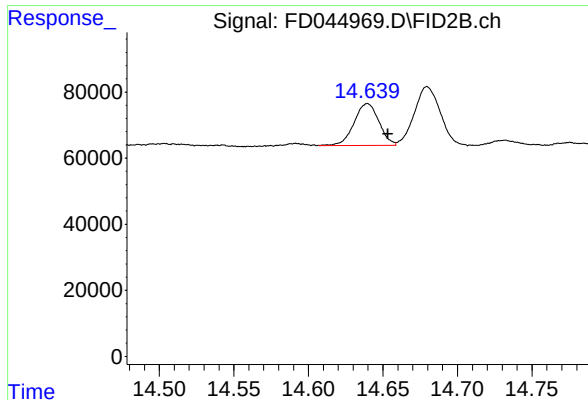
#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: -0.011 min
Response: 298628
Conc: 1.87 ug/ml



#13 Pyrene (C20.8)

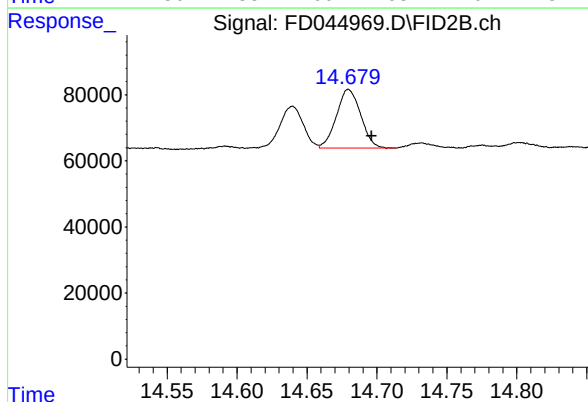
R.T.: 12.776 min
Delta R.T.: -0.013 min
Response: 247324
Conc: 1.58 ug/ml



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

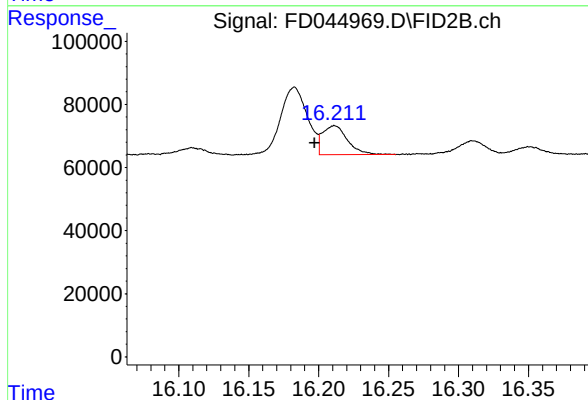
R.T.: 14.640 min
Delta R.T.: -0.014 min
Response: 147334
Conc: 1.03 ug/ml

Instrument :
FID_D
ClientSampleId :



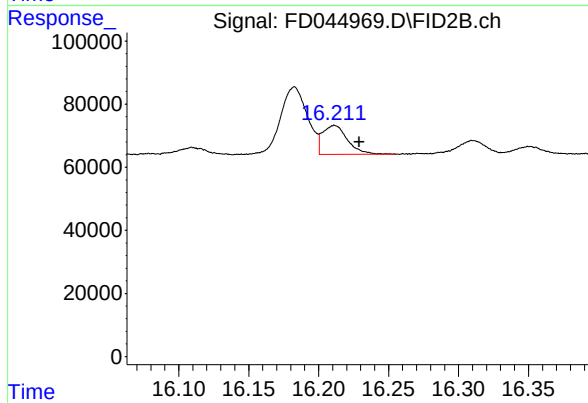
#15 Chrysene (C27.41)

R.T.: 14.680 min
Delta R.T.: -0.016 min
Response: 215186
Conc: 1.45 ug/ml



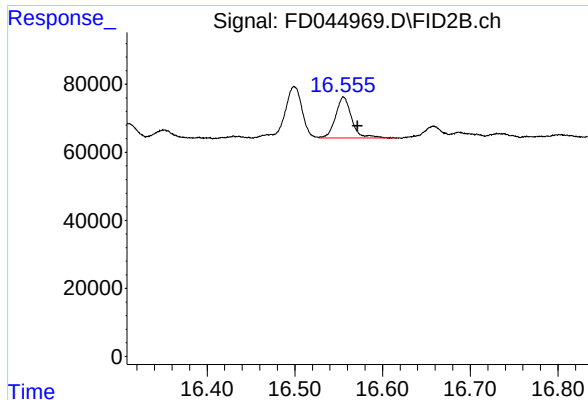
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.211 min
Delta R.T.: 0.014 min
Response: 114226
Conc: 0.79 ug/ml



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

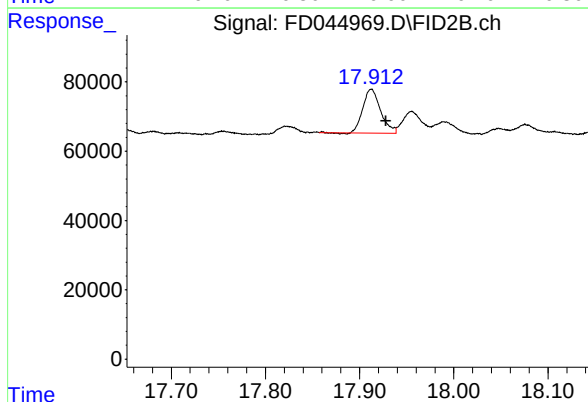
R.T.: 16.211 min
Delta R.T.: -0.018 min
Response: 114226
Conc: 0.80 ug/ml



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

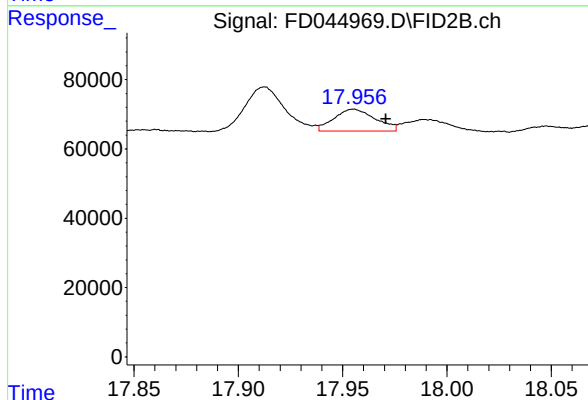
R.T.: 16.556 min
Delta R.T.: -0.016 min
Response: 154362
Conc: 1.10 ug/ml

Instrument :
FID_D
ClientSampleId :



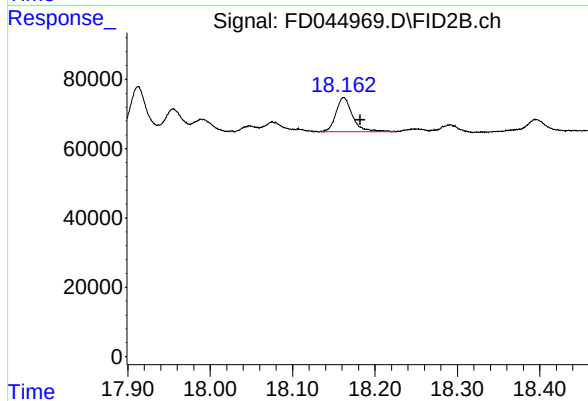
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.912 min
Delta R.T.: -0.016 min
Response: 164077
Conc: 1.22 ug/ml



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

R.T.: 17.955 min
Delta R.T.: -0.015 min
Response: 86590
Conc: 0.65 ug/ml



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

R.T.: 18.162 min
Delta R.T.: -0.020 min
Response: 139194
Conc: 1.02 ug/ml