

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013123AR\
 Data File : FD044935.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2023 14:08
 Operator : YP/AJ
 Sample : 01328-23
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 31 15:30:57 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	6584253	44.894 ug/ml
Spiked Amount 50.000		Recovery =	89.79%
6) S 2-Fluorobiphenyl (SURR)	8.414	4274576	42.826 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.65%
11) S ortho-Terphenyl (SURR)	11.456	5752810	30.952 ug/ml
Spiked Amount 50.000		Recovery =	61.90%
Target Compounds			
9) T Phenanthrene (C19.36)	10.678	52854	0.327 ug/ml
12) T Fluoranthene (C21.85)	12.483	133451	0.834 ug/ml
13) T Pyrene (C20.8)	12.778	108732	0.693 ug/ml
14) T Benzo[a]anthracene (C...	14.642	103654	0.726 ug/ml
15) T Chrysene (C27.41)	14.683	91270	0.616 ug/ml
16) T benzo[b]fluoranthene ...	16.187	193260	1.332 ug/ml
17) T Bnezo[k]fluoranthene ...	16.187	193260	1.356 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	109062	0.780 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	97390	0.724 ug/ml
20) T Dibenz[a,h]anthracene...	18.011	158465	1.196 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	112806	0.830 ug/ml

(f)=RT Delta > 1/2 Window

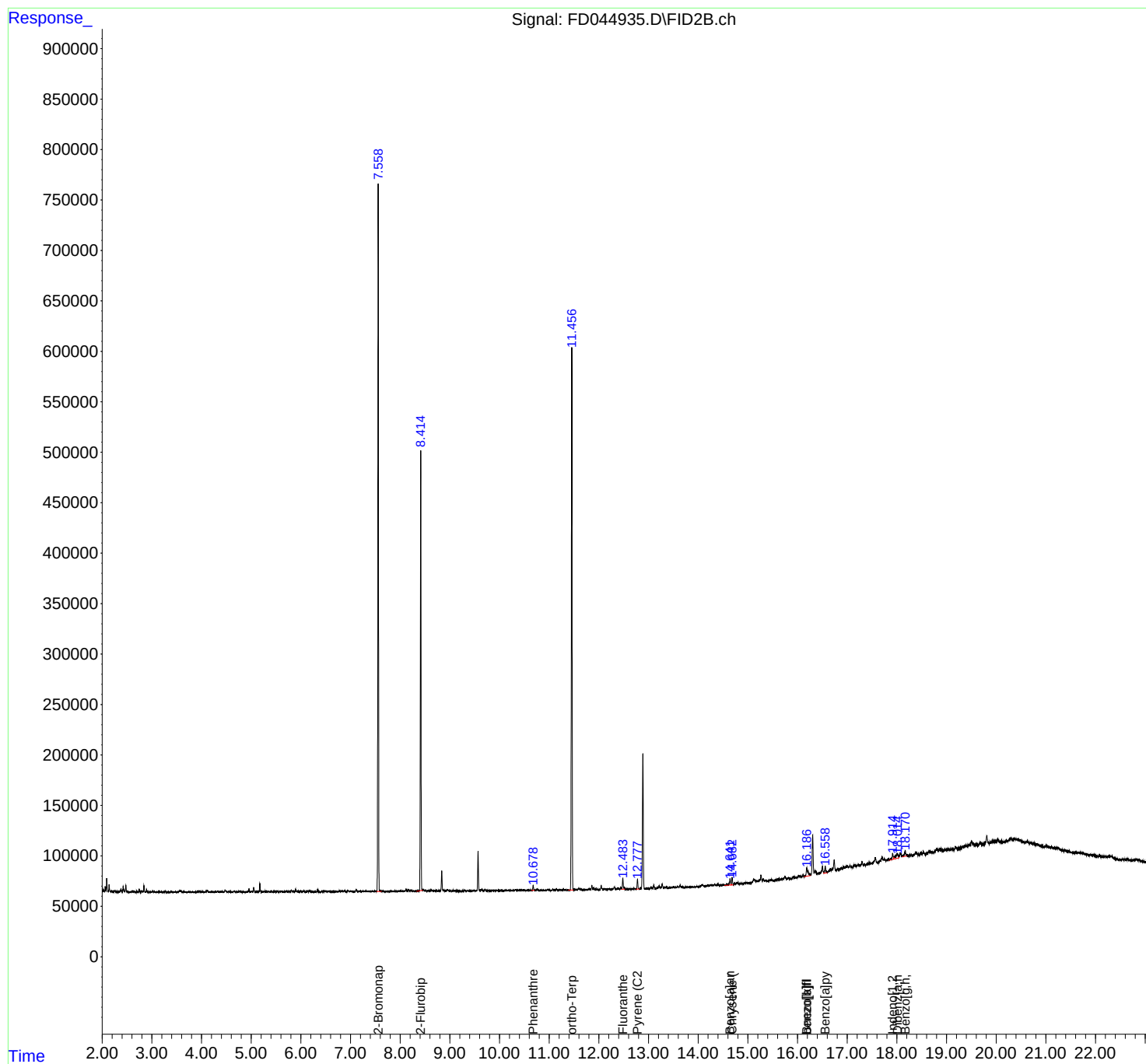
(m)=manual int.

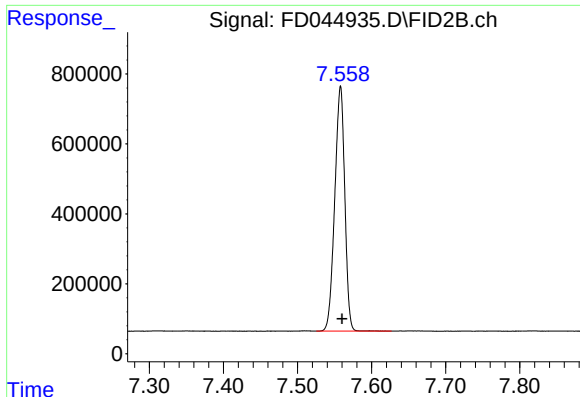
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

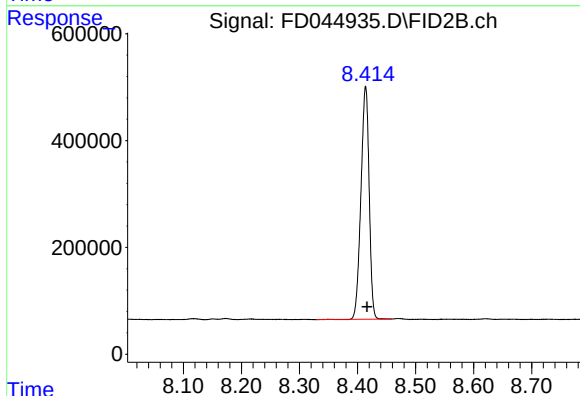




#4 2-Bromonaphthalene (SURRE)

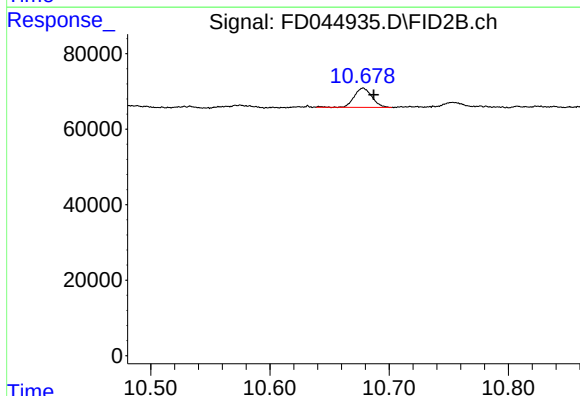
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 6584253
Conc: 44.89 ug/ml

Instrument :
FID_D
ClientSampleId :



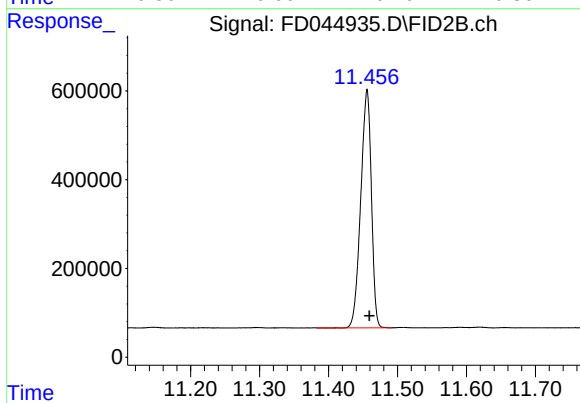
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4274576
Conc: 42.83 ug/ml



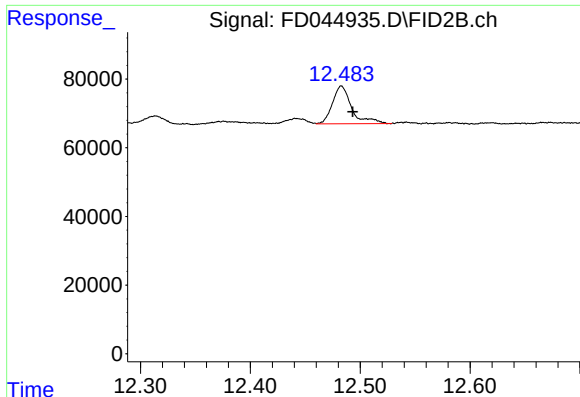
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.009 min
Response: 52854
Conc: 0.33 ug/ml



#11 ortho-Terphenyl (SURRE)

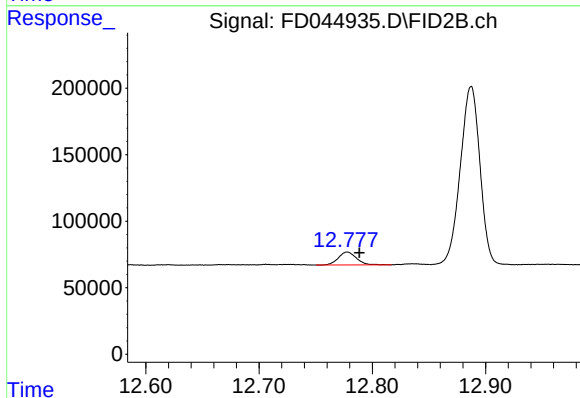
R.T.: 11.456 min
Delta R.T.: -0.004 min
Response: 5752810
Conc: 30.95 ug/ml



#12 Fluoranthene (C21.85)

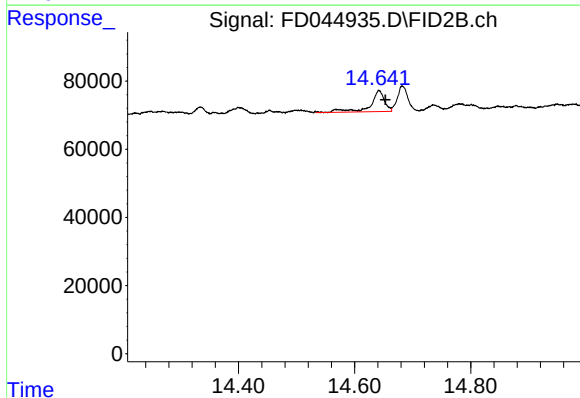
R.T.: 12.483 min
Delta R.T.: -0.010 min
Response: 133451
Conc: 0.83 ug/ml

Instrument :
FID_D
ClientSampleId :



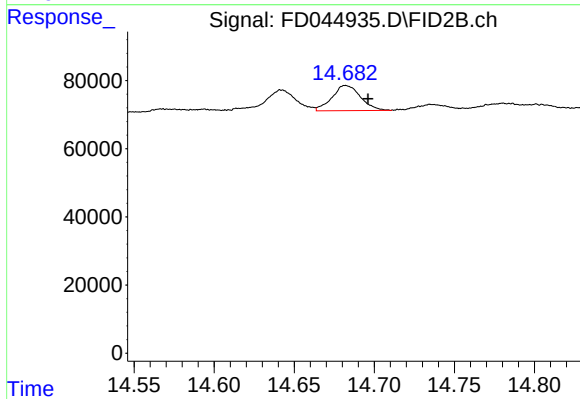
#13 Pyrene (C20.8)

R.T.: 12.778 min
Delta R.T.: -0.010 min
Response: 108732
Conc: 0.69 ug/ml



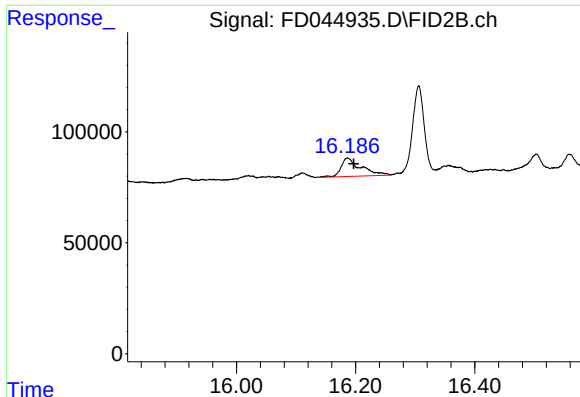
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: -0.011 min
Response: 103654
Conc: 0.73 ug/ml



#15 Chrysene (C27.41)

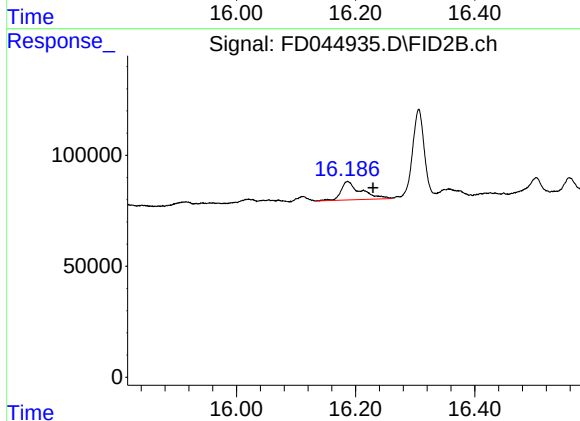
R.T.: 14.683 min
Delta R.T.: -0.013 min
Response: 91270
Conc: 0.62 ug/ml



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

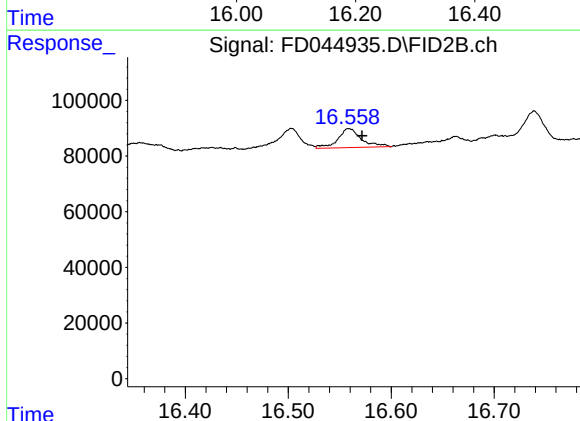
R.T.: 16.187 min
Delta R.T.: -0.010 min
Response: 193260
Conc: 1.33 ug/ml

Instrument :
FID_D
ClientSampleId :



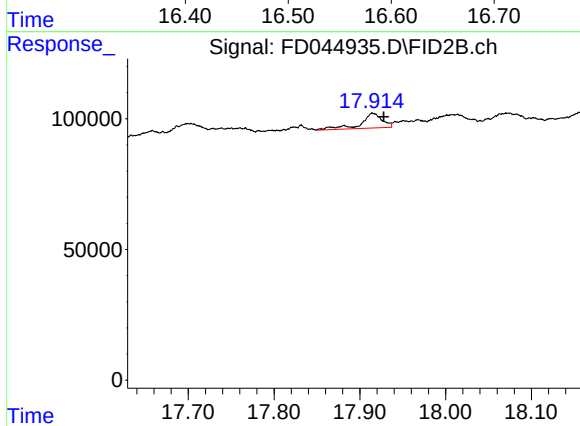
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.187 min
Delta R.T.: -0.042 min
Response: 193260
Conc: 1.36 ug/ml



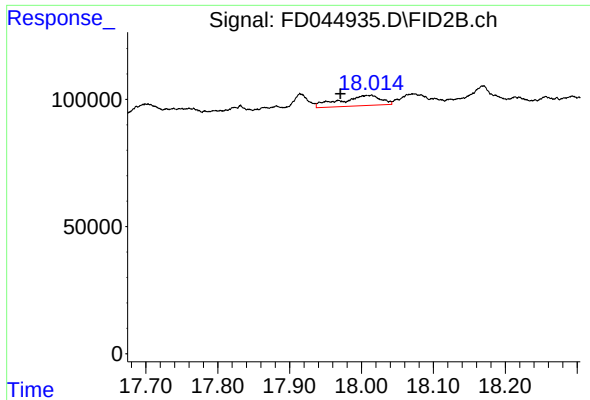
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.559 min
Delta R.T.: -0.012 min
Response: 109062
Conc: 0.78 ug/ml



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

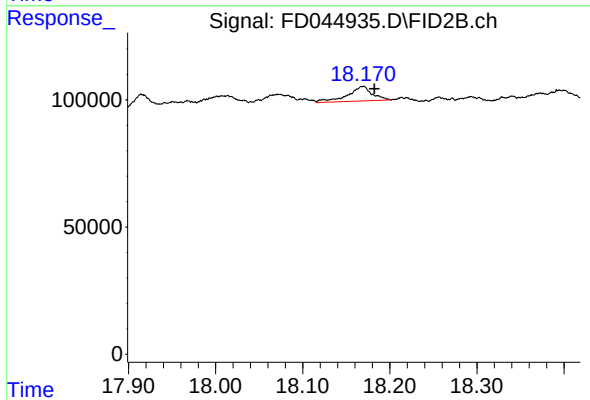
R.T.: 17.916 min
Delta R.T.: -0.012 min
Response: 97390
Conc: 0.72 ug/ml



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

R.T.: 18.011 min
Delta R.T.: 0.040 min
Response: 158465
Conc: 1.20 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.169 min
Delta R.T.: -0.013 min
Response: 112806
Conc: 0.83 ug/ml