

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061324AR\
 Data File : FD047934.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2024 09:10
 Operator : YP/AJ
 Sample : P2847-06DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 14 04:50:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 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...	7.427	1363598	9.713 ug/ml
Spiked Amount 50.000		Recovery =	19.43%
6) S 2-Fluorobiphenyl (SURR)	8.281	896642	9.682 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.36%
11) S ortho-Terphenyl (SURR)	11.378	397248	2.485 ug/ml
Spiked Amount 50.000		Recovery =	4.97%
Target Compounds			
9) T Phenanthrene (C19.36)	10.558	267247	1.733 ug/ml
10) T Anthracene (C19.43)	10.722	423161	2.815 ug/ml
12) T Fluoranthene (C21.85)	12.351	308456	2.033 ug/ml
13) T Pyrene (C20.8)	12.645	200687	1.331 ug/ml
14) T Benzo[a]anthracene (C...	14.560	109977	0.802 ug/ml
15) T Chrysene (C27.41)	14.560	109977	0.747 ug/ml
16) T benzo[b]fluoranthene ...	16.068	90731	0.645 ug/ml
17) T Bnezo[k]fluoranthene ...	16.068f	90731	0.666 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.449	101335	0.732 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.869	120249	1.043 ug/ml
20) T Dibenz[a,h]anthracene...	17.869	120249	0.902 ug/ml
21) T Benzo[g,h,i]perylene ...	18.061	74241	0.558 ug/ml

(f)=RT Delta > 1/2 Window

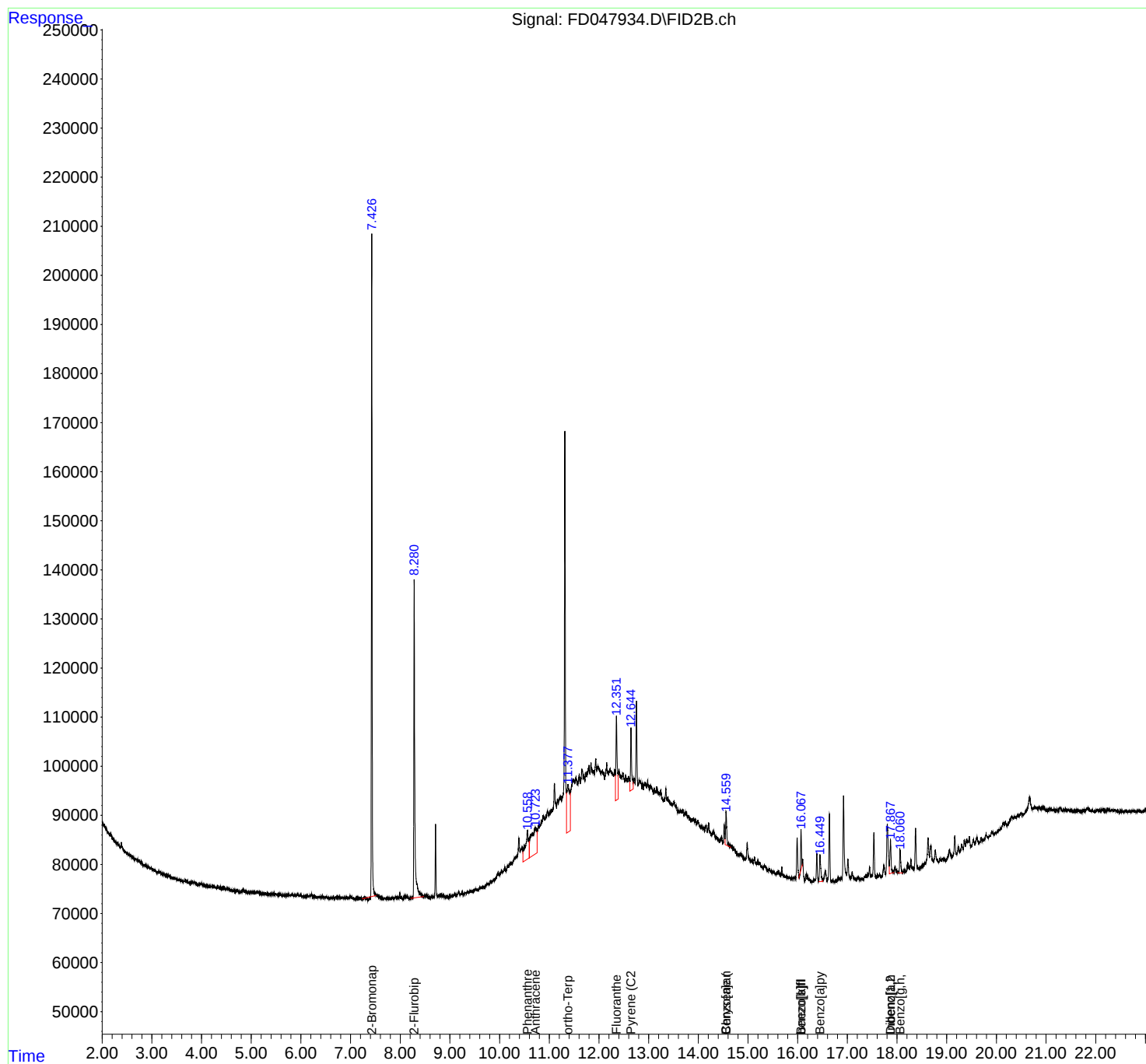
(m)=manual int.

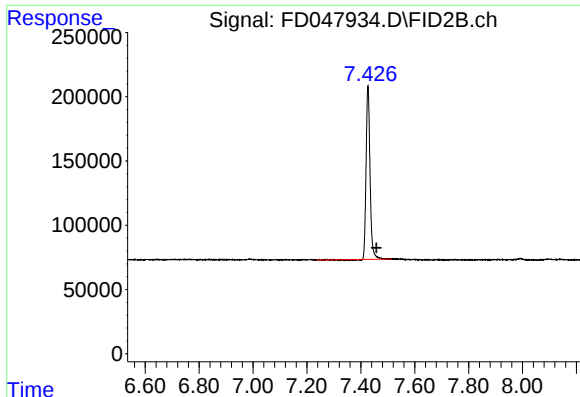
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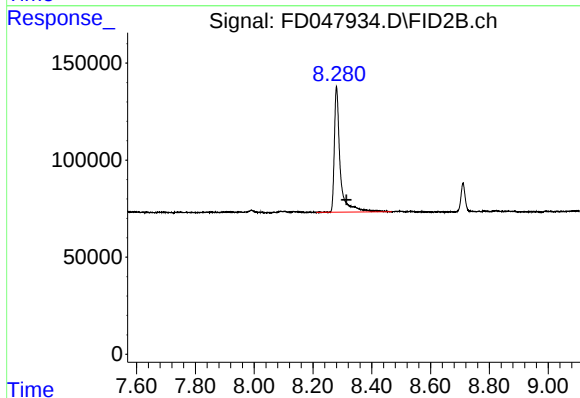




#4 2-Bromonaphthalene (SURRE)

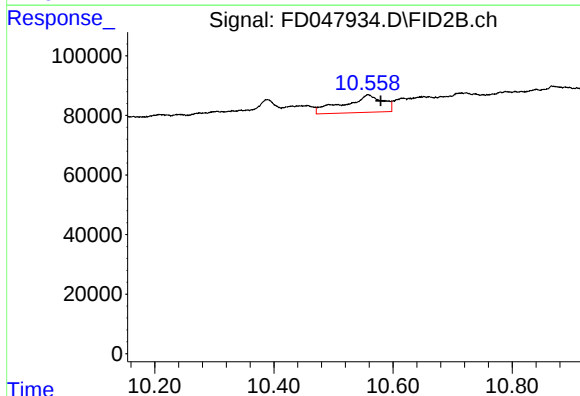
R.T.: 7.427 min
Delta R.T.: -0.032 min
Response: 1363598
Conc: 9.71 ug/ml

Instrument :
FID_D
ClientSampleId :



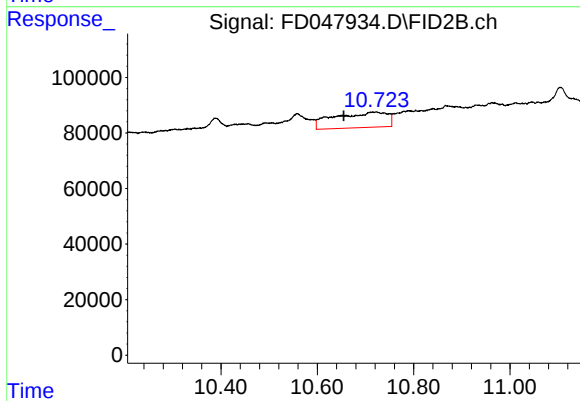
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.281 min
Delta R.T.: -0.034 min
Response: 896642
Conc: 9.68 ug/ml



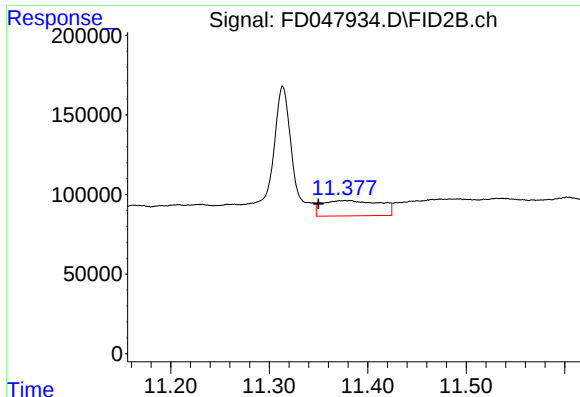
#9 Phenanthrene (C19.36)

R.T.: 10.558 min
Delta R.T.: -0.021 min
Response: 267247
Conc: 1.73 ug/ml



#10 Anthracene (C19.43)

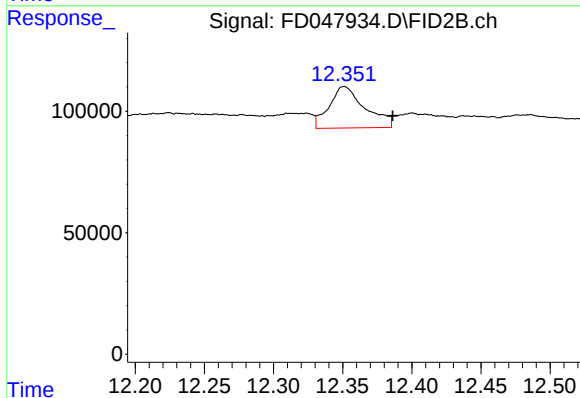
R.T.: 10.722 min
Delta R.T.: 0.067 min
Response: 423161
Conc: 2.81 ug/ml



#11 ortho-Terphenyl (SURR)

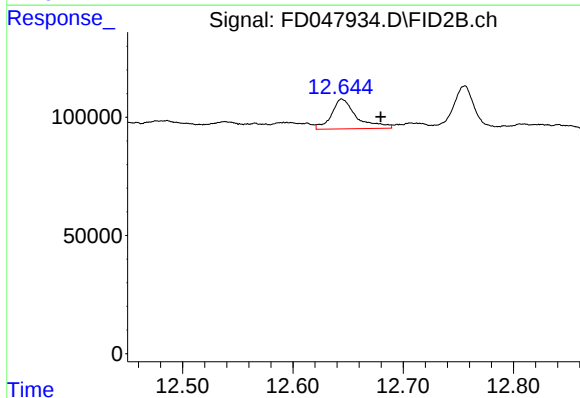
R.T.: 11.378 min
Delta R.T.: 0.028 min
Response: 397248
Conc: 2.48 ug/ml

Instrument :
FID_D
ClientSampleId :



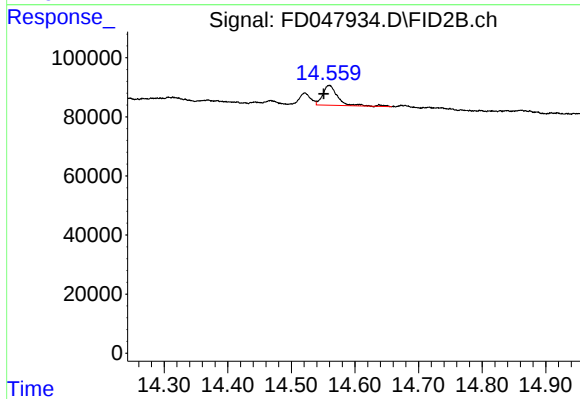
#12 Fluoranthene (C21.85)

R.T.: 12.351 min
Delta R.T.: -0.035 min
Response: 308456
Conc: 2.03 ug/ml



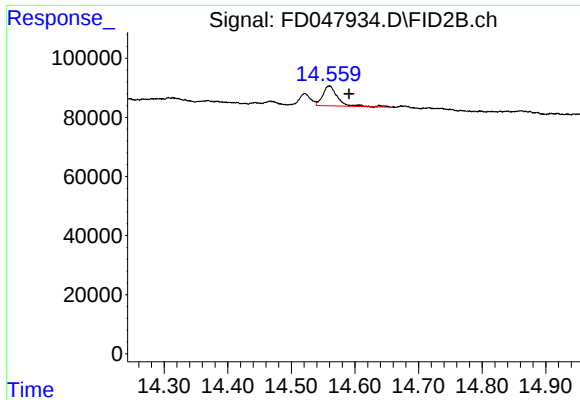
#13 Pyrene (C20.8)

R.T.: 12.645 min
Delta R.T.: -0.035 min
Response: 200687
Conc: 1.33 ug/ml



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

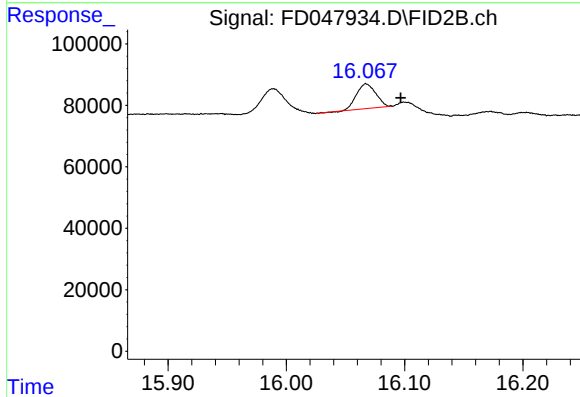
R.T.: 14.560 min
Delta R.T.: 0.009 min
Response: 109977
Conc: 0.80 ug/ml



#15 Chrysene (C27.41)

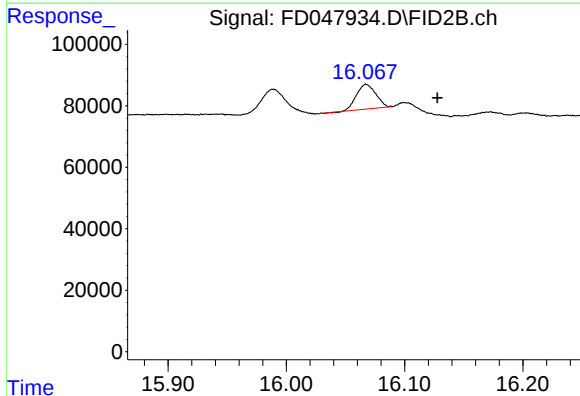
R.T.: 14.560 min
Delta R.T.: -0.031 min
Response: 109977
Conc: 0.75 ug/ml

Instrument :
FID_D
ClientSampleId :



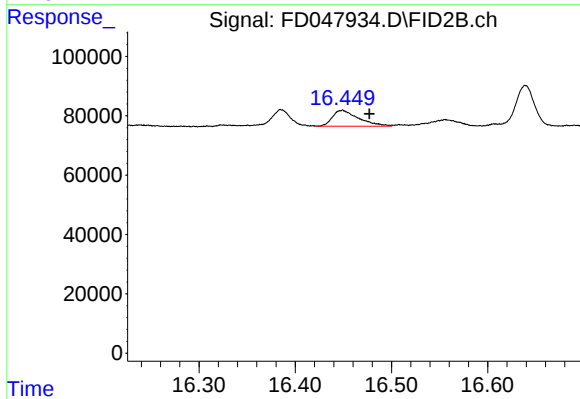
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.068 min
Delta R.T.: -0.029 min
Response: 90731
Conc: 0.64 ug/ml



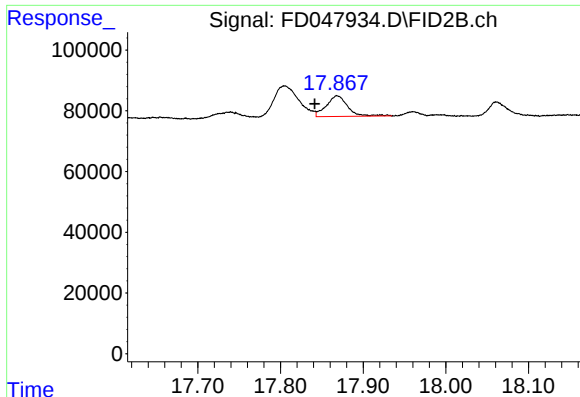
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.068 min
Delta R.T.: -0.060 min
Response: 90731
Conc: 0.67 ug/ml



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

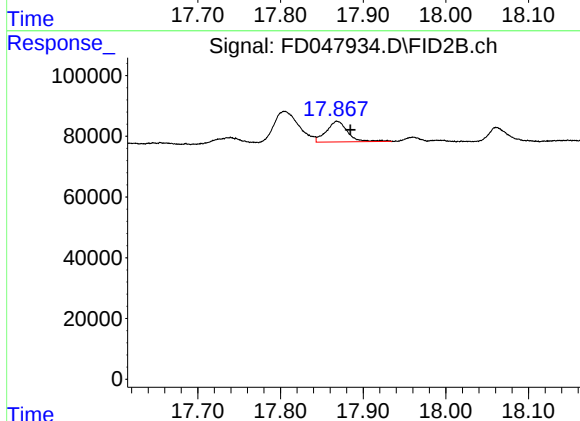
R.T.: 16.449 min
Delta R.T.: -0.028 min
Response: 101335
Conc: 0.73 ug/ml



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

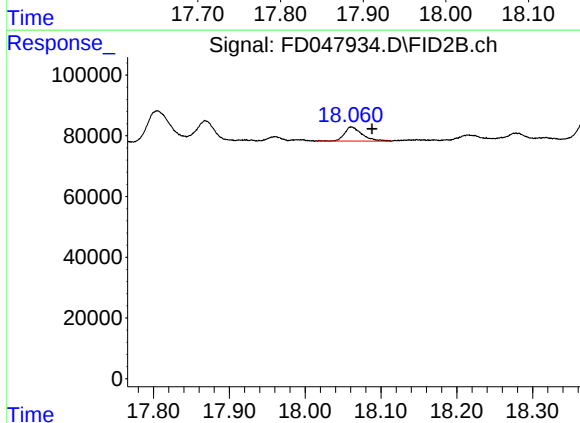
R.T.: 17.869 min
Delta R.T.: 0.027 min
Response: 120249
Conc: 1.04 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.869 min
Delta R.T.: -0.016 min
Response: 120249
Conc: 0.90 ug/ml



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

R.T.: 18.061 min
Delta R.T.: -0.027 min
Response: 74241
Conc: 0.56 ug/ml