

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047909.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2024 13:56
 Operator : YP/AJ
 Sample : P2848-04
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 13 05:20:32 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

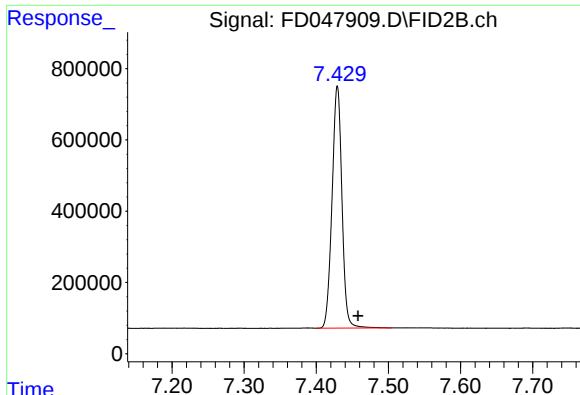
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.429	6498392	46.288 ug/ml
Spiked Amount 50.000		Recovery =	92.58%
6) S 2-Fluorobiphenyl (SURR)	8.281	4242176	45.806 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.61%
11) S ortho-Terphenyl (SURR)	11.318	3926099	24.556 ug/ml
Spiked Amount 50.000		Recovery =	49.11%
Target Compounds			
12) T Fluoranthene (C21.85)	12.361	143234	0.944 ug/ml
13) T Pyrene (C20.8)	12.654	124513	0.826 ug/ml
14) T Benzo[a]anthracene (C...	14.537	37732	0.275 ug/ml
15) T Chrysene (C27.41)	14.571	111758	0.759 ug/ml
16) T benzo[b]fluoranthene ...	16.108	84188	0.598 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	84188	0.618 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	127254	0.919 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.875	371181	3.220 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	371181	2.784 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	80844	0.608 ug/ml

(f)=RT Delta > 1/2 Window

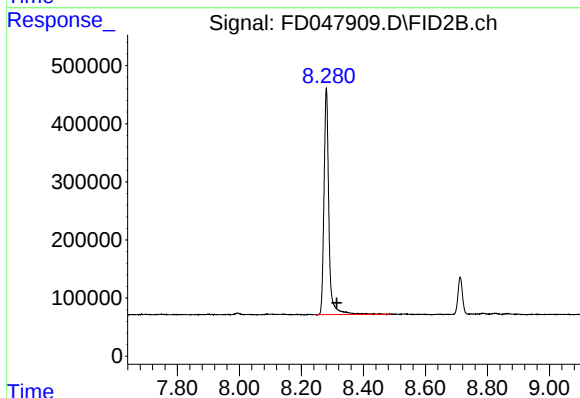
(m)=manual int.



#4 2-Bromonaphthalene (SURR)

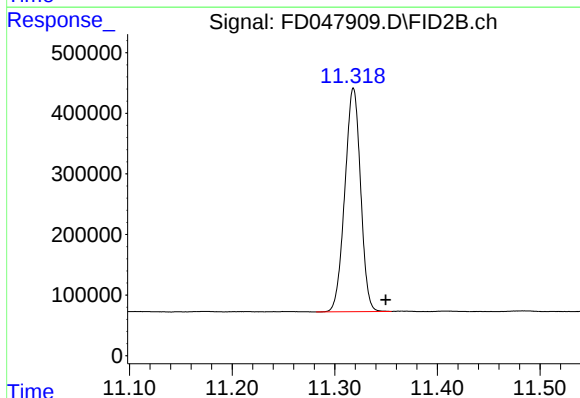
R.T.: 7.429 min
Delta R.T.: -0.029 min
Response: 6498392
Conc: 46.29 ug/ml

Instrument :
FID_D
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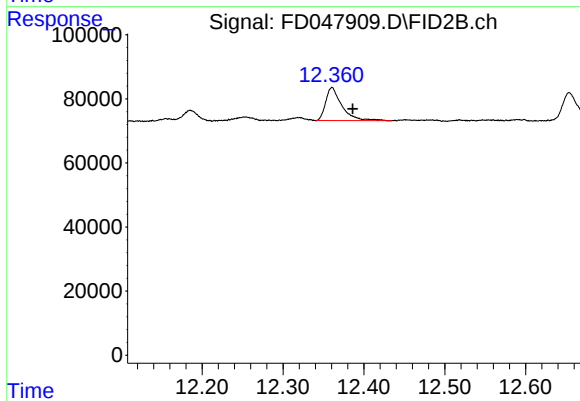
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.281 min
Delta R.T.: -0.034 min
Response: 4242176
Conc: 45.81 ug/ml



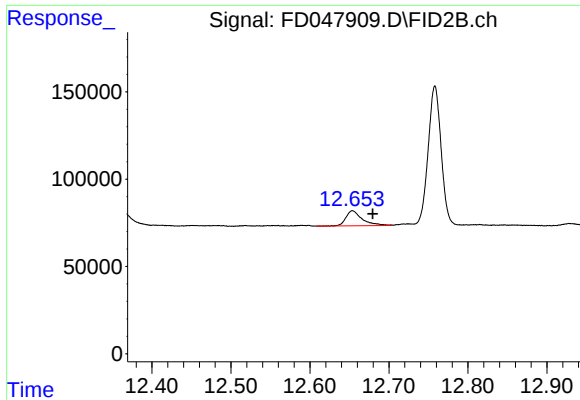
#11 ortho-Terphenyl (SURR)

R.T.: 11.318 min
Delta R.T.: -0.032 min
Response: 3926099
Conc: 24.56 ug/ml



#12 Fluoranthene (C21.85)

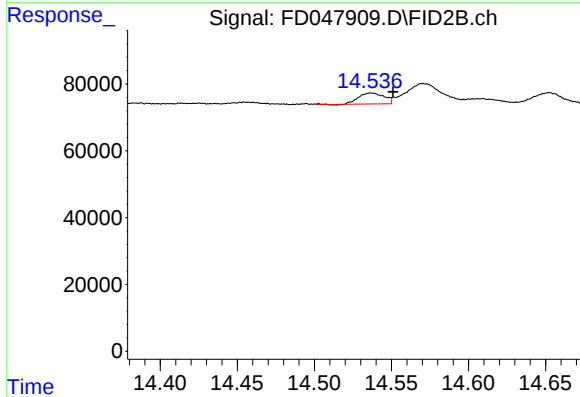
R.T.: 12.361 min
Delta R.T.: -0.025 min
Response: 143234
Conc: 0.94 ug/ml



#13 Pyrene (C20.8)

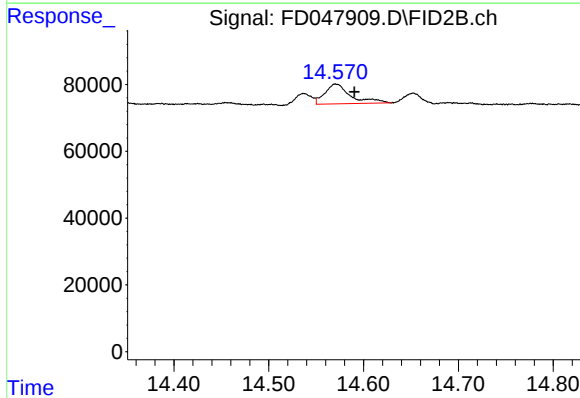
R.T.: 12.654 min
Delta R.T.: -0.025 min
Response: 124513
Conc: 0.83 ug/ml

Instrument :
FID_D
ClientSampleId :



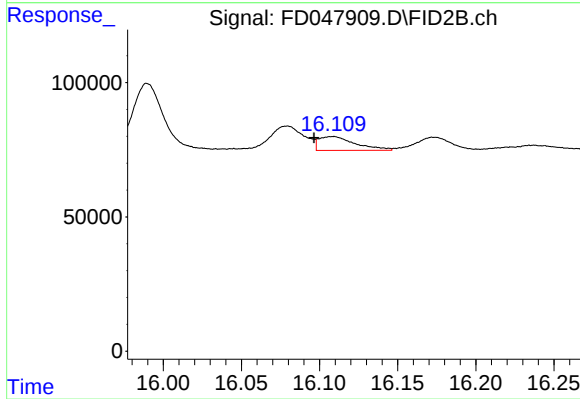
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.537 min
Delta R.T.: -0.014 min
Response: 37732
Conc: 0.28 ug/ml



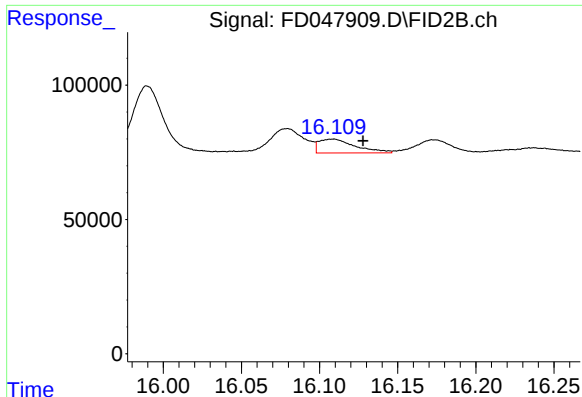
#15 Chrysene (C27.41)

R.T.: 14.571 min
Delta R.T.: -0.019 min
Response: 111758
Conc: 0.76 ug/ml



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

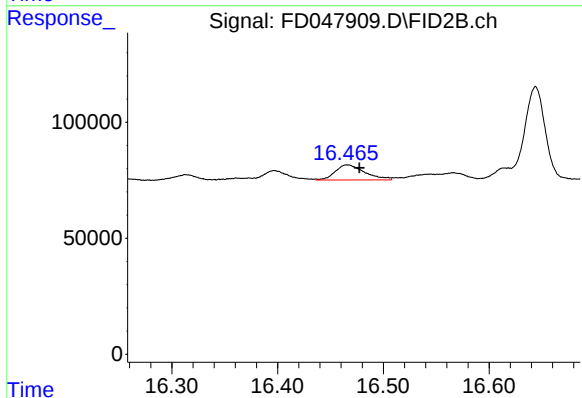
R.T.: 16.108 min
Delta R.T.: 0.011 min
Response: 84188
Conc: 0.60 ug/ml



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

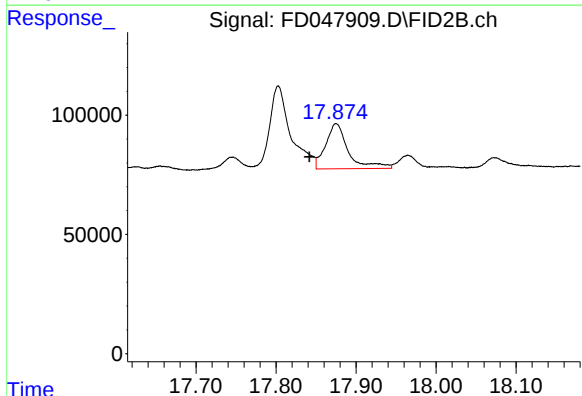
R.T.: 16.108 min
Delta R.T.: -0.020 min
Response: 84188
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



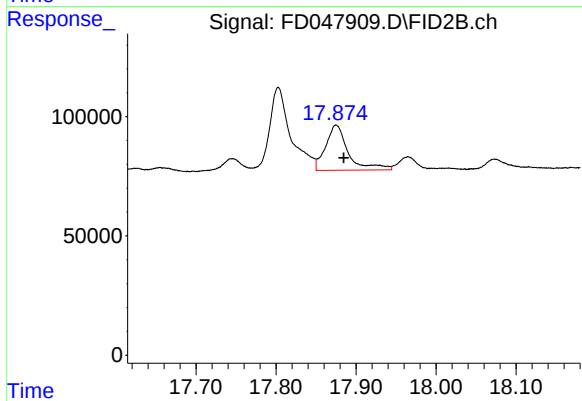
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: -0.011 min
Response: 127254
Conc: 0.92 ug/ml



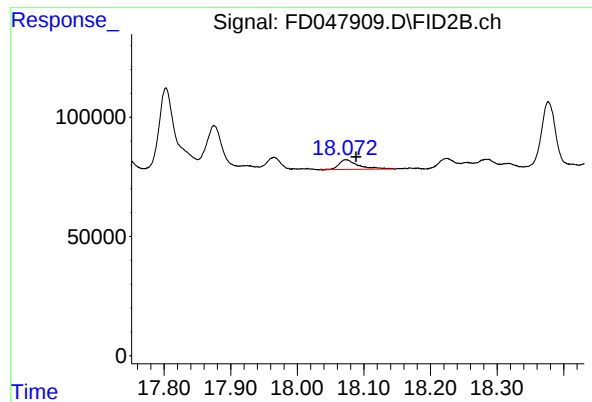
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.875 min
Delta R.T.: 0.034 min
Response: 371181
Conc: 3.22 ug/ml



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

R.T.: 17.875 min
Delta R.T.: -0.010 min
Response: 371181
Conc: 2.78 ug/ml



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

R.T.: 18.073 min
Delta R.T.: -0.015 min
Response: 80844
Conc: 0.61 ug/ml

Instrument :

FID_D

ClientSampleId :