

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047907.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2024 12:41
 Operator : YP/AJ
 Sample : P2848-02
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 13 05:19:55 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	6654251	47.398 ug/ml
Spiked Amount 50.000		Recovery =	94.80%
6) S 2-Fluorobiphenyl (SURR)	8.281	4023140	43.441 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.88%
11) S ortho-Terphenyl (SURR)	11.318	3845185	24.050 ug/ml
Spiked Amount 50.000		Recovery =	48.10%
Target Compounds			
9) T Phenanthrene (C19.36)	10.565	72705	0.471 ug/ml
12) T Fluoranthene (C21.85)	12.360	197749	1.303 ug/ml
13) T Pyrene (C20.8)	12.653	154325	1.024 ug/ml
14) T Benzo[a]anthracene (C...	14.533	78897	0.576 ug/ml
15) T Chrysene (C27.41)	14.570	182555	1.239 ug/ml
16) T benzo[b]fluoranthene ...	16.107	159863	1.136 ug/ml
17) T Bnezo[k]fluoranthene ...	16.107	159863	1.174 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	195706	1.414 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.875	912732	7.917 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	912732	6.845 ug/ml
21) T Benzo[g,h,i]perylene ...	18.062	257412	1.936 ug/ml

(f)=RT Delta > 1/2 Window

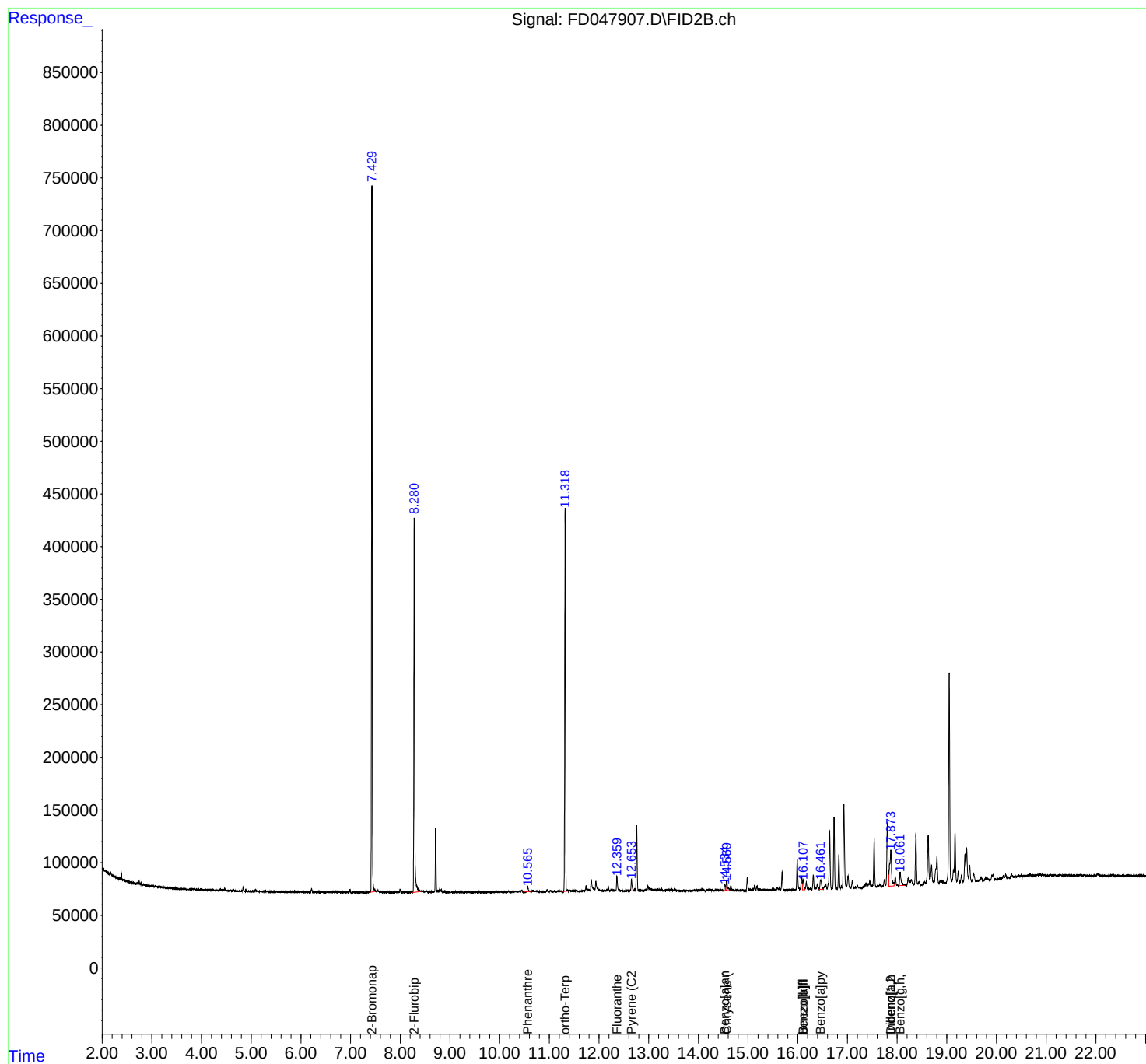
(m)=manual int.

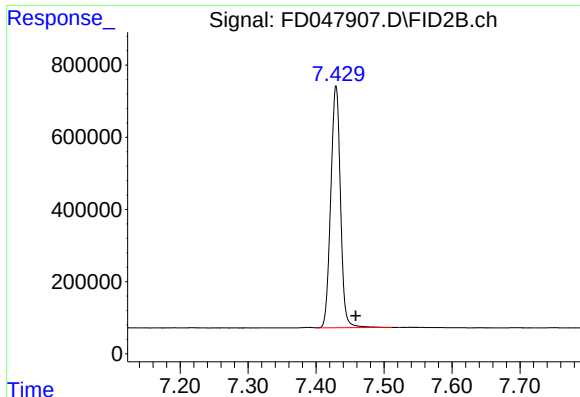
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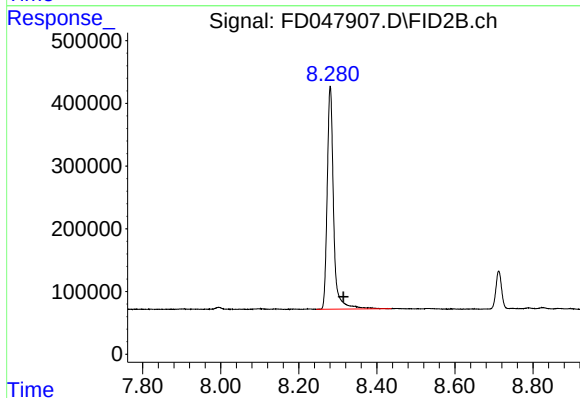




#4 2-Bromonaphthalene (SURRE)

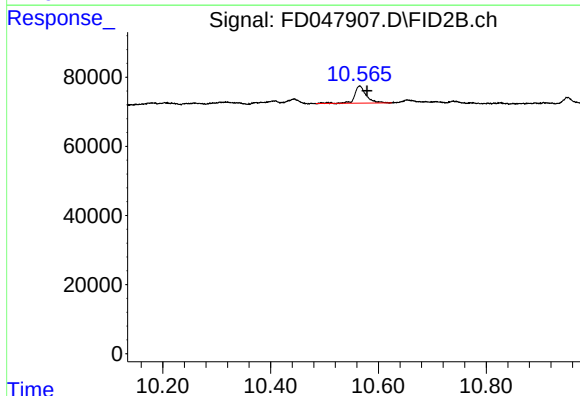
R.T.: 7.429 min
Delta R.T.: -0.029 min
Response: 6654251
Conc: 47.40 ug/ml

Instrument :
FID_D
ClientSampleId :



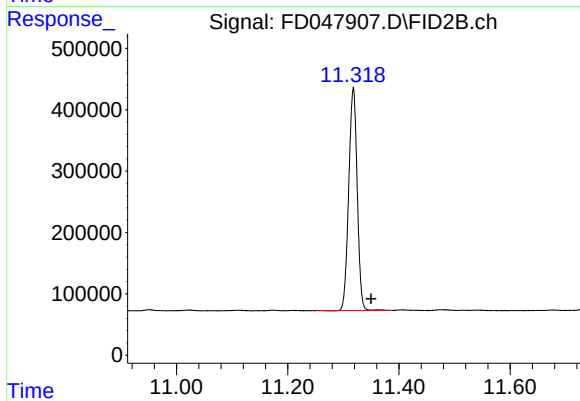
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.281 min
Delta R.T.: -0.033 min
Response: 4023140
Conc: 43.44 ug/ml



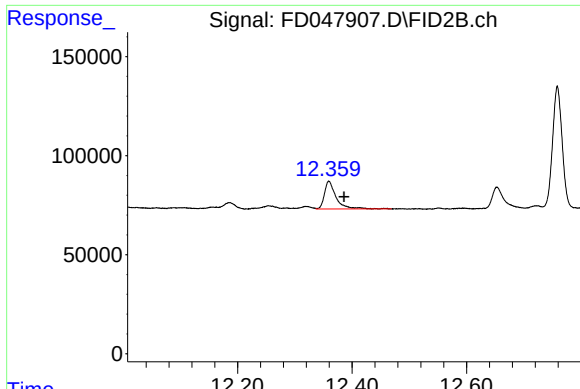
#9 Phenanthrene (C19.36)

R.T.: 10.565 min
Delta R.T.: -0.014 min
Response: 72705
Conc: 0.47 ug/ml



#11 ortho-Terphenyl (SURRE)

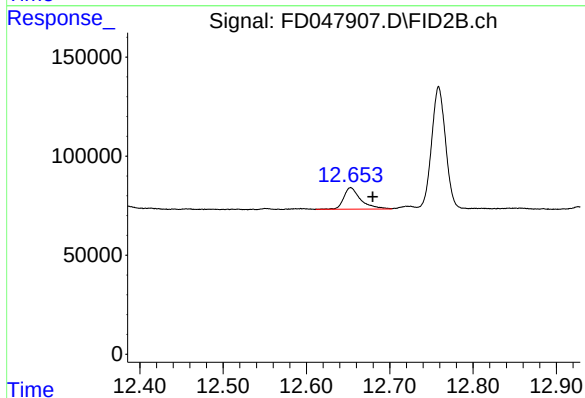
R.T.: 11.318 min
Delta R.T.: -0.032 min
Response: 3845185
Conc: 24.05 ug/ml



#12 Fluoranthene (C21.85)

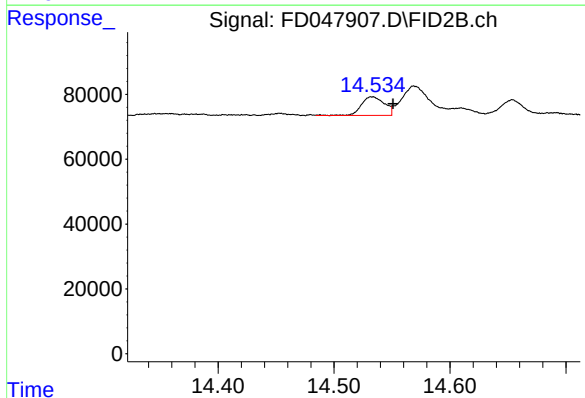
R.T.: 12.360 min
Delta R.T.: -0.026 min
Response: 197749
Conc: 1.30 ug/ml

Instrument :
FID_D
ClientSampleId :



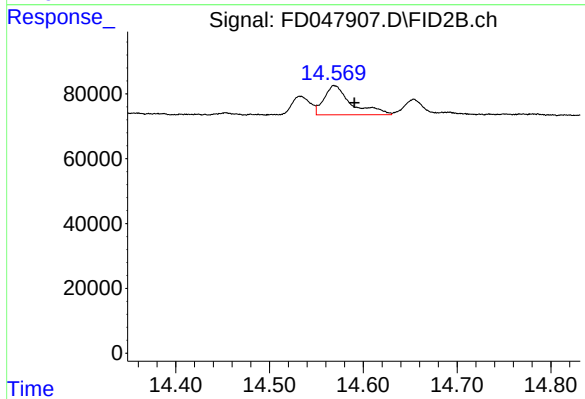
#13 Pyrene (C20.8)

R.T.: 12.653 min
Delta R.T.: -0.026 min
Response: 154325
Conc: 1.02 ug/ml



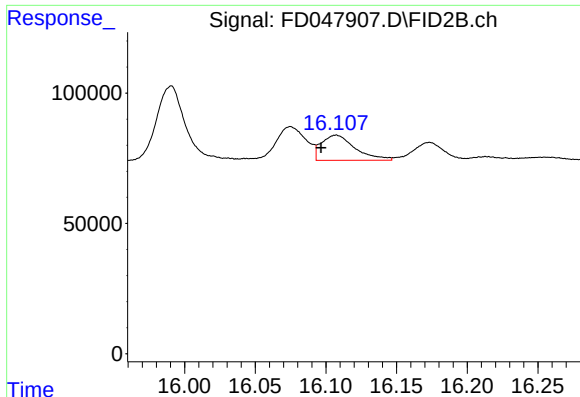
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.533 min
Delta R.T.: -0.018 min
Response: 78897
Conc: 0.58 ug/ml



#15 Chrysene (C27.41)

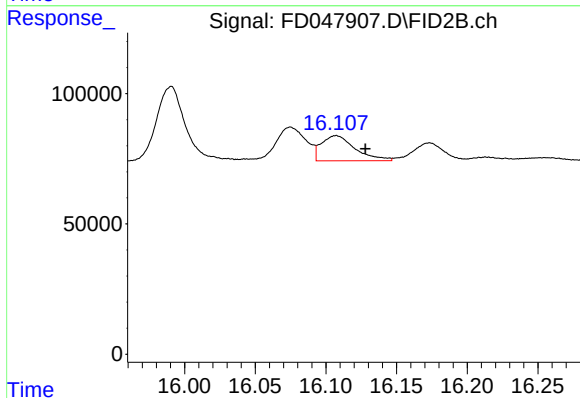
R.T.: 14.570 min
Delta R.T.: -0.021 min
Response: 182555
Conc: 1.24 ug/ml



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

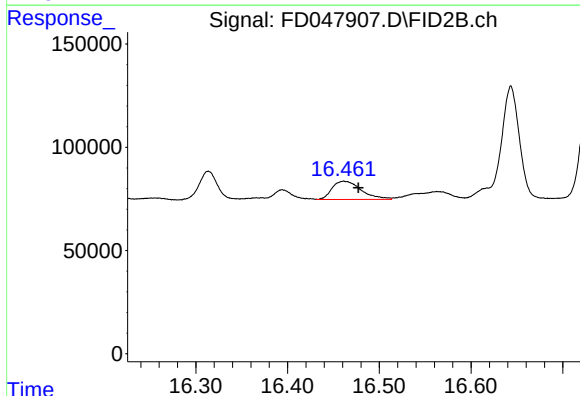
R.T.: 16.107 min
Delta R.T.: 0.011 min
Response: 159863
Conc: 1.14 ug/ml

Instrument :
FID_D
ClientSampleId :



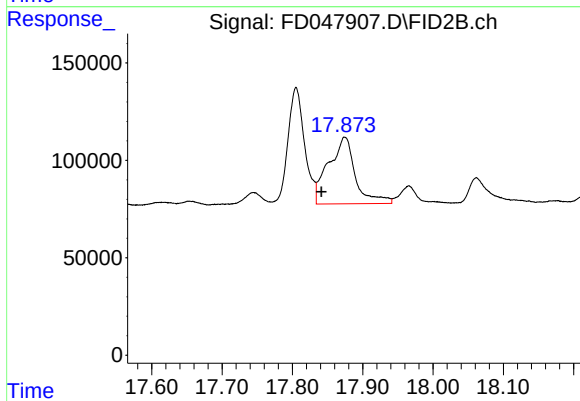
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.107 min
Delta R.T.: -0.021 min
Response: 159863
Conc: 1.17 ug/ml



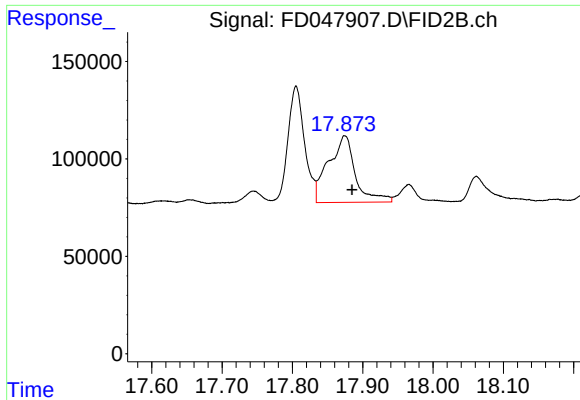
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: -0.016 min
Response: 195706
Conc: 1.41 ug/ml



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

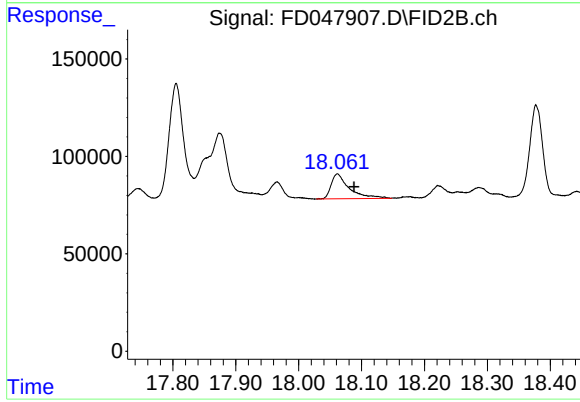
R.T.: 17.875 min
Delta R.T.: 0.033 min
Response: 912732
Conc: 7.92 ug/ml



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

R.T.: 17.875 min
Delta R.T.: -0.010 min
Response: 912732
Conc: 6.84 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.062 min
Delta R.T.: -0.026 min
Response: 257412
Conc: 1.94 ug/ml