

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091824AR\
 Data File : FD048325.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2024 17:01
 Operator : YP/AJ
 Sample : PB163506BL
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 19 05:10:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.388	6146193	40.526 ug/ml
Spiked Amount 50.000		Recovery =	81.05%
6) S 2-Fluorobiphenyl (SURR)	8.239	3859977	40.398 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.80%
11) S ortho-Terphenyl (SURR)	11.276	7168139	41.780 ug/ml
Spiked Amount 50.000		Recovery =	83.56%
Target Compounds			
12) T Fluoranthene (C21.85)	12.280	41264	0.255 ug/ml
14) T Benzo[a]anthracene (C...	14.531f	55002	0.393 ug/ml
15) T Chrysene (C27.41)	14.531	55002	0.334 ug/ml
16) T benzo[b]fluoranthene ...	16.060	200089	1.347 ug/ml
17) T Bnezo[k]fluoranthene ...	16.060	200089	1.299 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.697f	106931	0.946 ug/ml
20) T Dibenz[a,h]anthracene...	17.826	273431	1.792 ug/ml

(f)=RT Delta > 1/2 Window

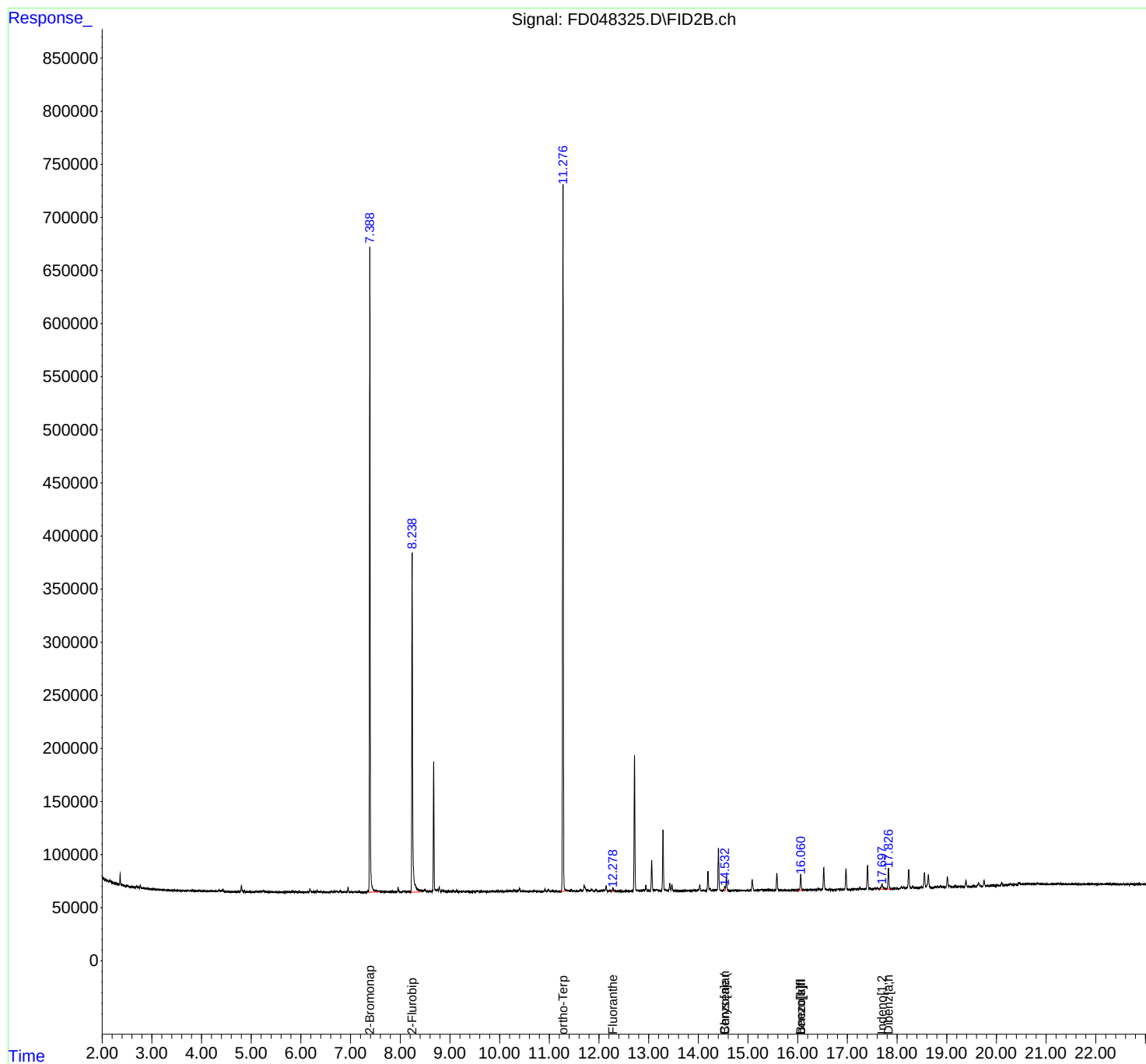
(m)=manual int.

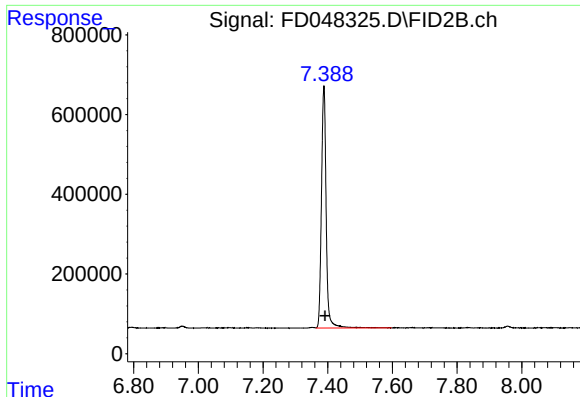
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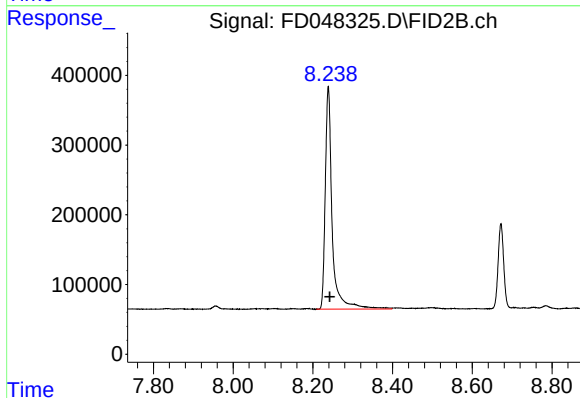




#4 2-Bromonaphthalene (SURR)

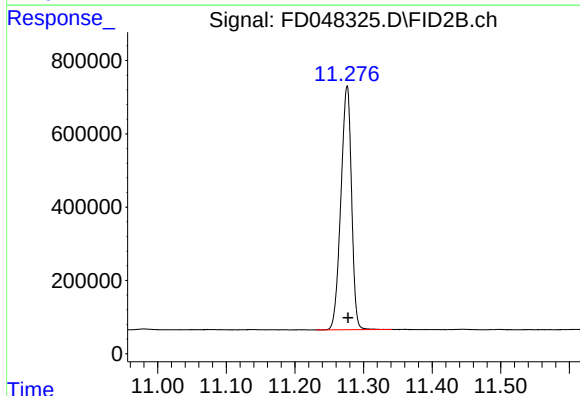
R.T.: 7.388 min
Delta R.T.: -0.004 min
Response: 6146193
Conc: 40.53 ug/ml

Instrument :
FID_D
ClientSampleId :



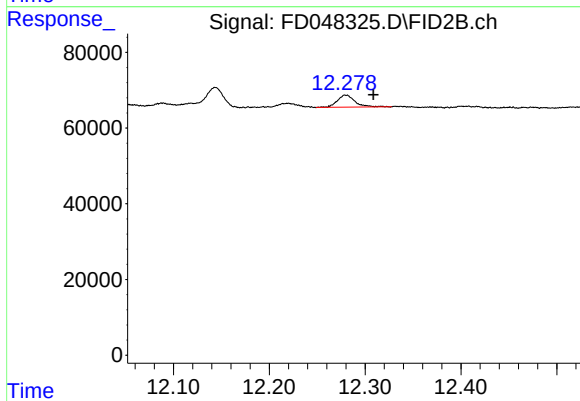
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: -0.004 min
Response: 3859977
Conc: 40.40 ug/ml



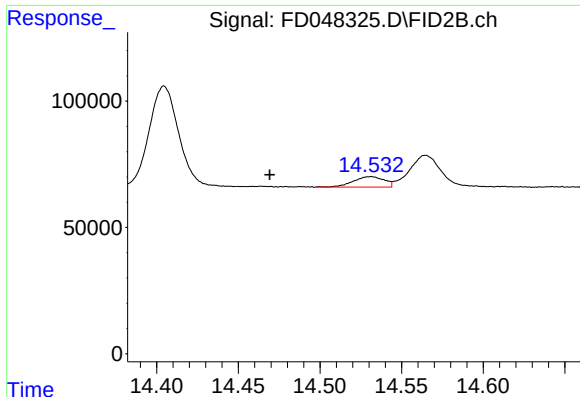
#11 ortho-Terphenyl (SURR)

R.T.: 11.276 min
Delta R.T.: -0.002 min
Response: 7168139
Conc: 41.78 ug/ml



#12 Fluoranthene (C21.85)

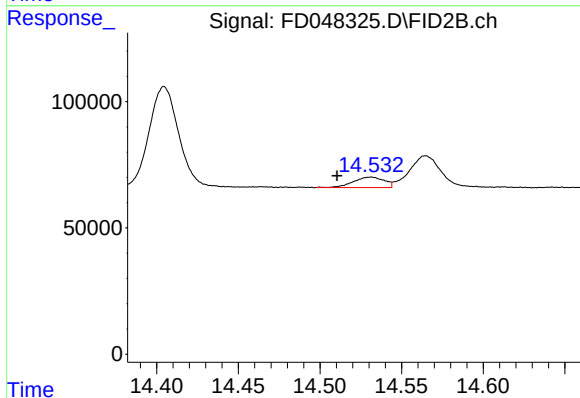
R.T.: 12.280 min
Delta R.T.: -0.029 min
Response: 41264
Conc: 0.25 ug/ml



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

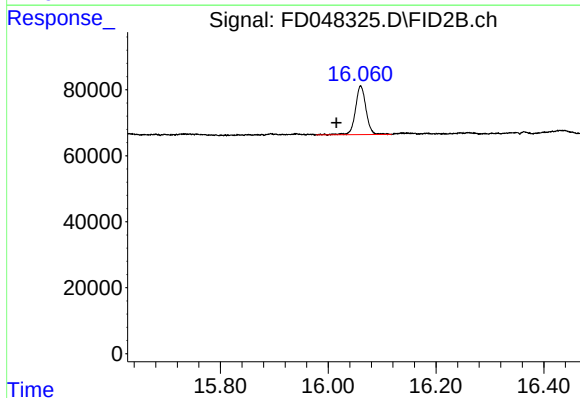
R.T.: 14.531 min
Delta R.T.: 0.062 min
Response: 55002
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



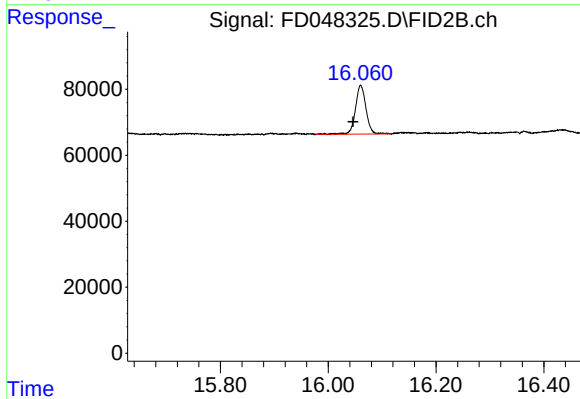
#15 Chrysene (C27.41)

R.T.: 14.531 min
Delta R.T.: 0.020 min
Response: 55002
Conc: 0.33 ug/ml



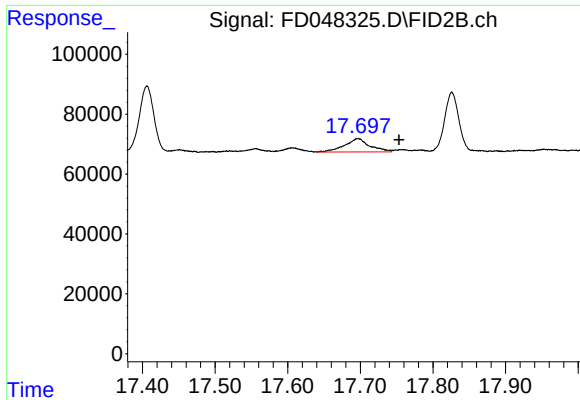
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.060 min
Delta R.T.: 0.045 min
Response: 200089
Conc: 1.35 ug/ml



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

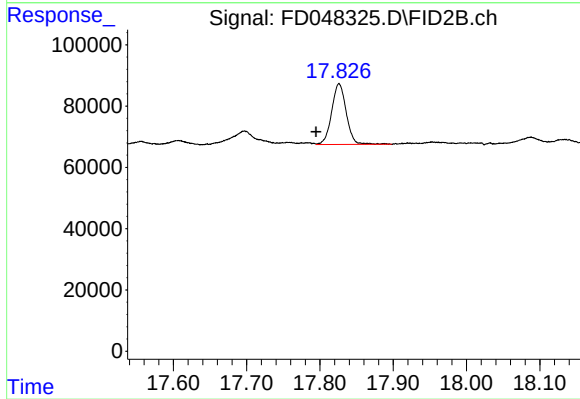
R.T.: 16.060 min
Delta R.T.: 0.014 min
Response: 200089
Conc: 1.30 ug/ml



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

R.T.: 17.697 min
Delta R.T.: -0.056 min
Response: 106931
Conc: 0.95 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.826 min
Delta R.T.: 0.032 min
Response: 273431
Conc: 1.79 ug/ml