

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047827.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2024 16:53
 Operator : YP/AJ
 Sample : P2560-11
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 04:12:15 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...	7.458	7180472	51.146 ug/ml
Spiked Amount 50.000		Recovery =	102.29%
6) S 2-Fluorobiphenyl (SURR)	8.310	3996806	43.157 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.31%
11) S ortho-Terphenyl (SURR)	11.354	5597657	35.010 ug/ml
Spiked Amount 50.000		Recovery =	70.02%
Target Compounds			
7) T Acenaphthene (C15.5)	8.371	98203	0.601 ug/ml
9) T Phenanthrene (C19.36)	10.578	1867923	12.113 ug/ml
10) T Anthracene (C19.43)	10.655	1404676	9.344 ug/ml
12) T Fluoranthene (C21.85)	12.389	3384339	22.301 ug/ml
13) T Pyrene (C20.8)	12.682	2482073	16.464 ug/ml
14) T Benzo[a]anthracene (C...	14.550	1623079	11.840 ug/ml
15) T Chrysene (C27.41)	14.589	1553868	10.548 ug/ml
16) T benzo[b]fluoranthene ...	16.097	1736457	12.338 ug/ml
17) T Bnezo[k]fluoranthene ...	16.124	573002	4.208 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	1220328	8.816 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	892615	7.743 ug/ml
20) T Dibenz[a,h]anthracene...	17.834	892615	6.694 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	676929	5.090 ug/ml

(f)=RT Delta > 1/2 Window

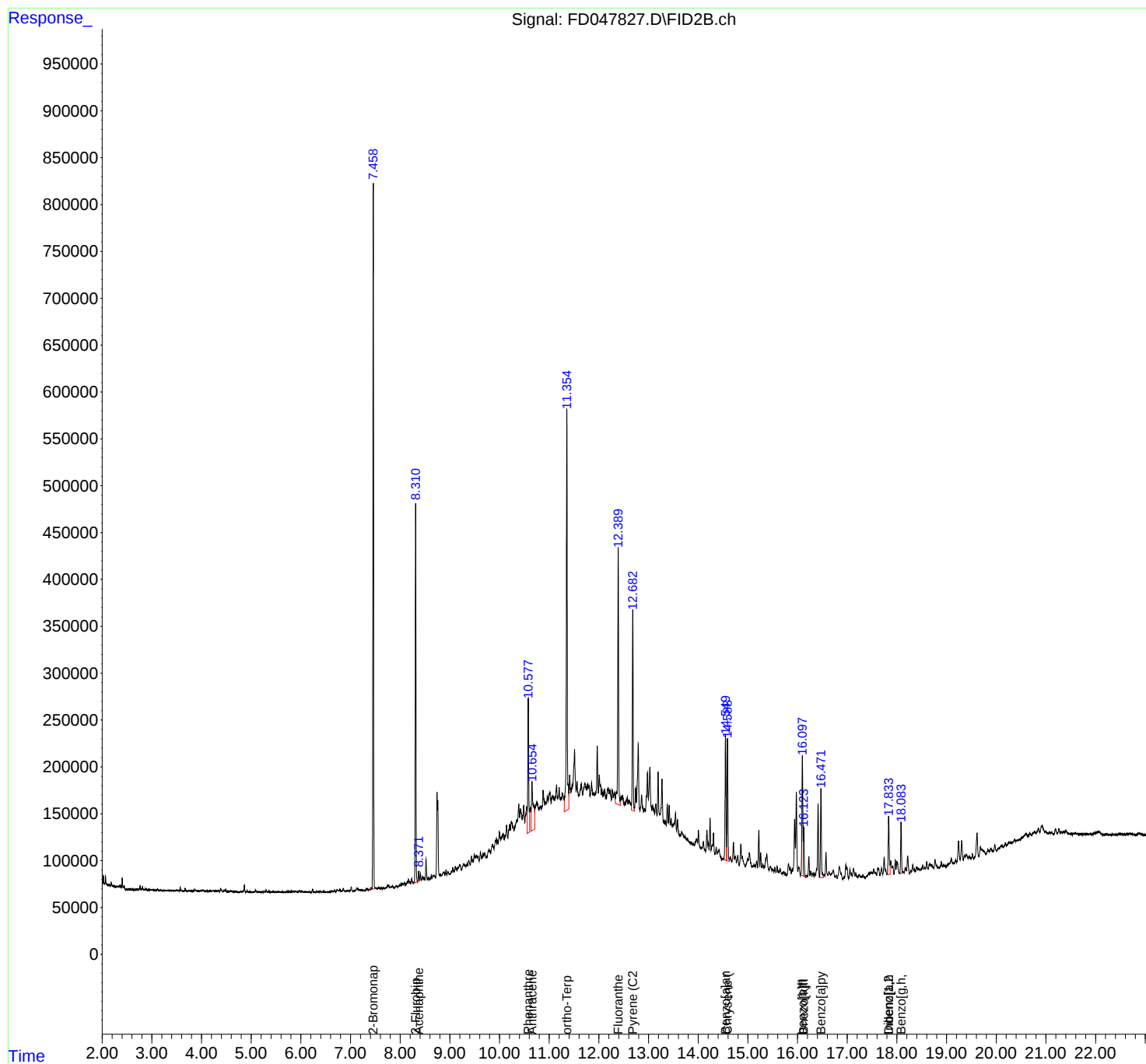
(m)=manual int.

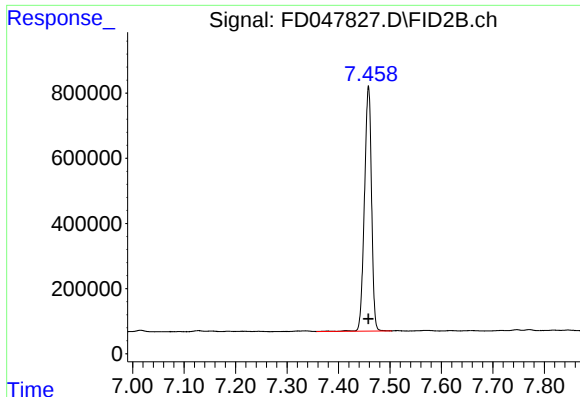
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Signal Info : 20M x 0.18mm x 0.18µm

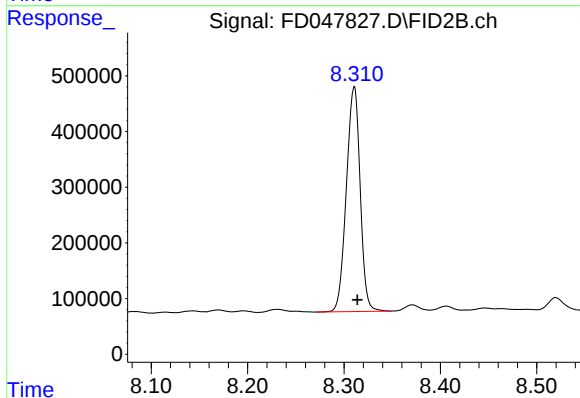




#4 2-Bromonaphthalene (SURRE)

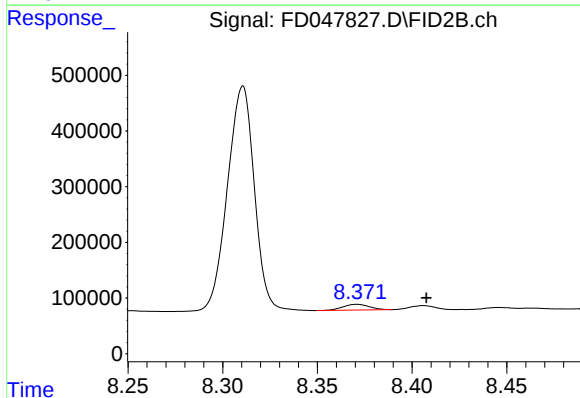
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 7180472
Conc: 51.15 ug/ml

Instrument :
FID_D
ClientSampleId :



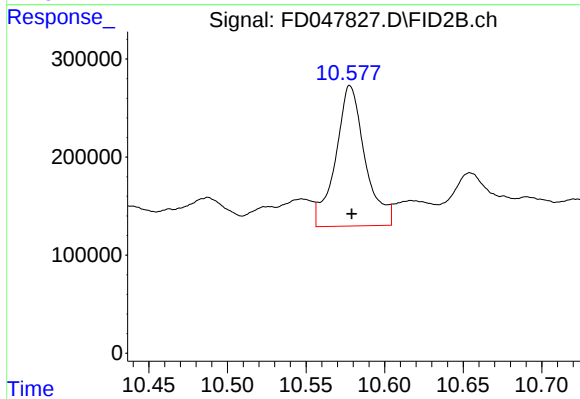
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.310 min
Delta R.T.: -0.004 min
Response: 3996806
Conc: 43.16 ug/ml



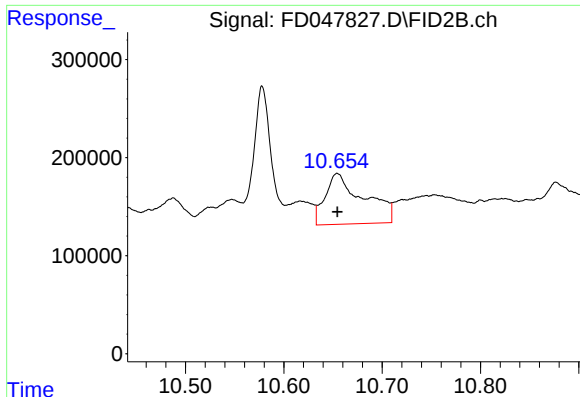
#7 Acenaphthene (C15.5)

R.T.: 8.371 min
Delta R.T.: -0.037 min
Response: 98203
Conc: 0.60 ug/ml



#9 Phenanthrene (C19.36)

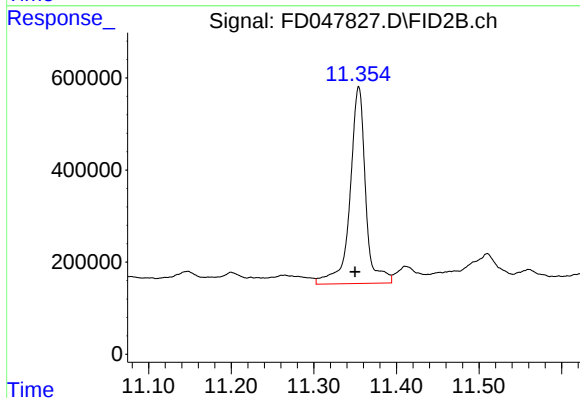
R.T.: 10.578 min
Delta R.T.: 0.000 min
Response: 1867923
Conc: 12.11 ug/ml



#10 Anthracene (C19.43)

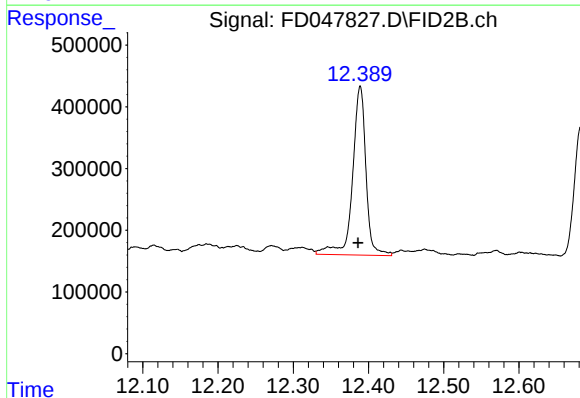
R.T.: 10.655 min
Delta R.T.: 0.000 min
Response: 1404676
Conc: 9.34 ug/ml

Instrument :
FID_D
ClientSampleId :



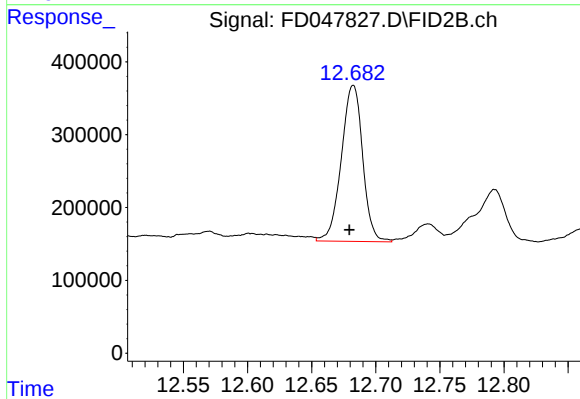
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.004 min
Response: 5597657
Conc: 35.01 ug/ml



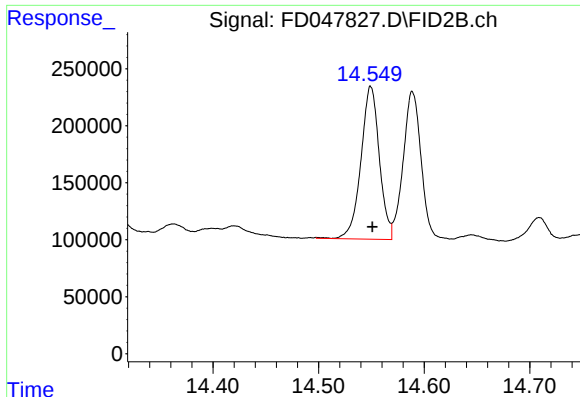
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.003 min
Response: 3384339
Conc: 22.30 ug/ml



#13 Pyrene (C20.8)

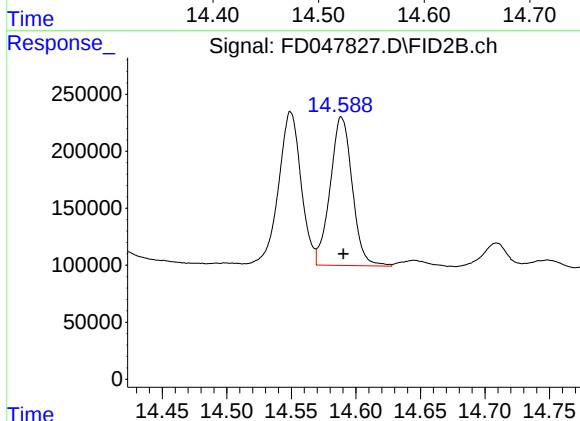
R.T.: 12.682 min
Delta R.T.: 0.003 min
Response: 2482073
Conc: 16.46 ug/ml



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

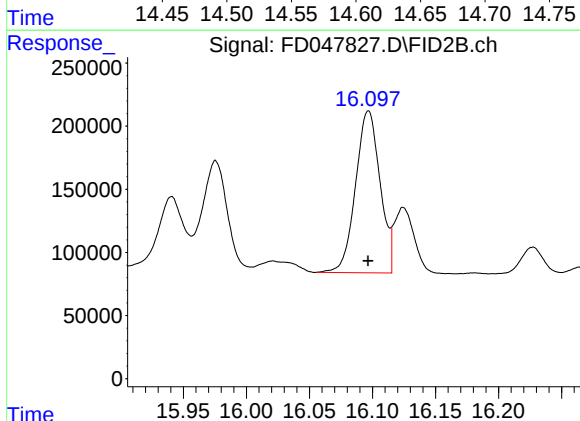
R.T.: 14.550 min
Delta R.T.: -0.001 min
Response: 1623079
Conc: 11.84 ug/ml

Instrument :
FID_D
ClientSampleId :



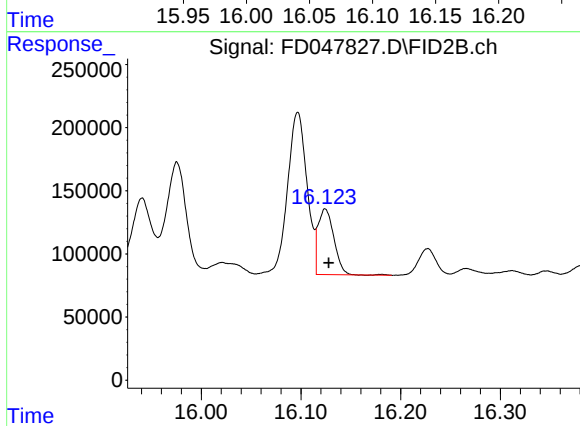
#15 Chrysene (C27.41)

R.T.: 14.589 min
Delta R.T.: -0.001 min
Response: 1553868
Conc: 10.55 ug/ml



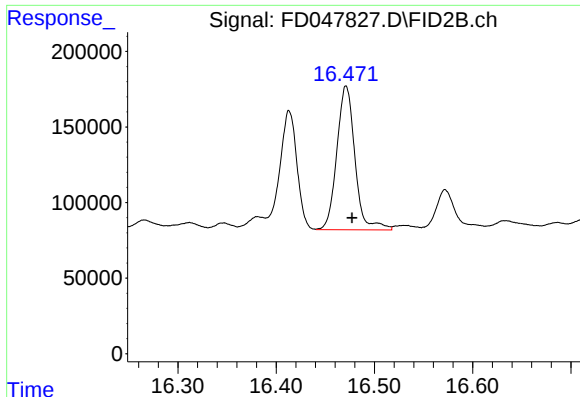
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.097 min
Delta R.T.: 0.000 min
Response: 1736457
Conc: 12.34 ug/ml



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

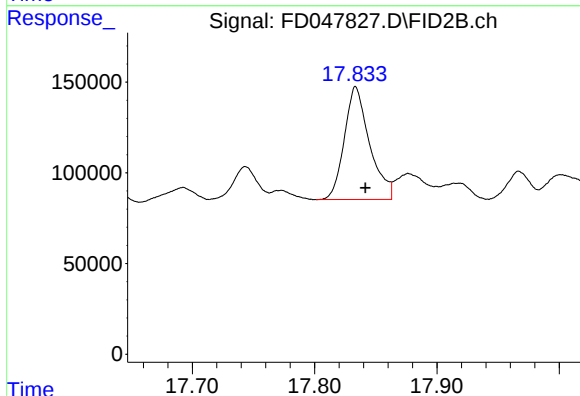
R.T.: 16.124 min
Delta R.T.: -0.004 min
Response: 573002
Conc: 4.21 ug/ml



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

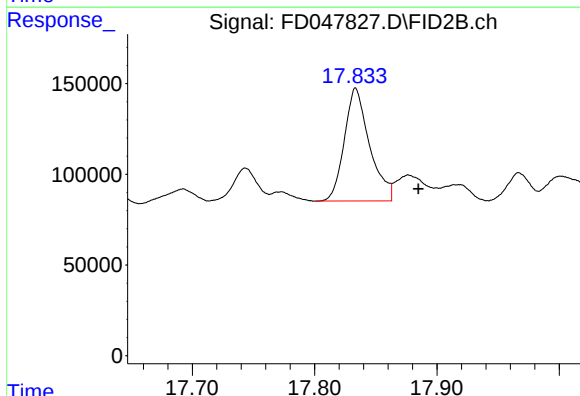
R.T.: 16.471 min
Delta R.T.: -0.006 min
Response: 1220328
Conc: 8.82 ug/ml

Instrument :
FID_D
ClientSampleId :



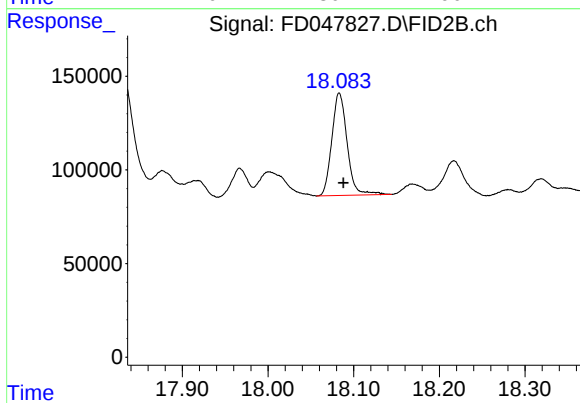
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: -0.008 min
Response: 892615
Conc: 7.74 ug/ml



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

R.T.: 17.834 min
Delta R.T.: -0.051 min
Response: 892615
Conc: 6.69 ug/ml



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

R.T.: 18.083 min
Delta R.T.: -0.005 min
Response: 676929
Conc: 5.09 ug/ml