

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042023AR\
 Data File : FD045508.D
 Signal(s) : FID2B.ch
 Acq On : 20 Apr 2023 18:47
 Operator : YP/AJ
 Sample : 02403-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 21 01:16:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 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...	7.549	6802414	49.649 ug/ml
Spiked Amount 50.000		Recovery =	99.30%
6) S 2-Fluorobiphenyl (SURR)	8.403	4173353	46.553 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.11%
11) S ortho-Terphenyl (SURR)	11.443	6445680	37.047 ug/ml
Spiked Amount 50.000		Recovery =	74.09%
Target Compounds			
12) T Fluoranthene (C21.85)	12.422f	226559	1.575 ug/ml
14) T Benzo[a]anthracene (C...	14.625	64078	0.500 ug/ml
15) T Chrysene (C27.41)	14.669	60727	0.458 ug/ml
16) T benzo[b]fluoranthene ...	16.167	156858	1.207 ug/ml
17) T Bnezo[k]fluoranthene ...	16.198	119103	0.940 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.542	140630	1.119 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.897	331034	2.797 ug/ml
20) T Dibenz[a,h]anthracene...	17.941	538713	4.522 ug/ml
21) T Benzo[g,h,i]perylene ...	18.147	256942	2.057 ug/ml

(f)=RT Delta > 1/2 Window

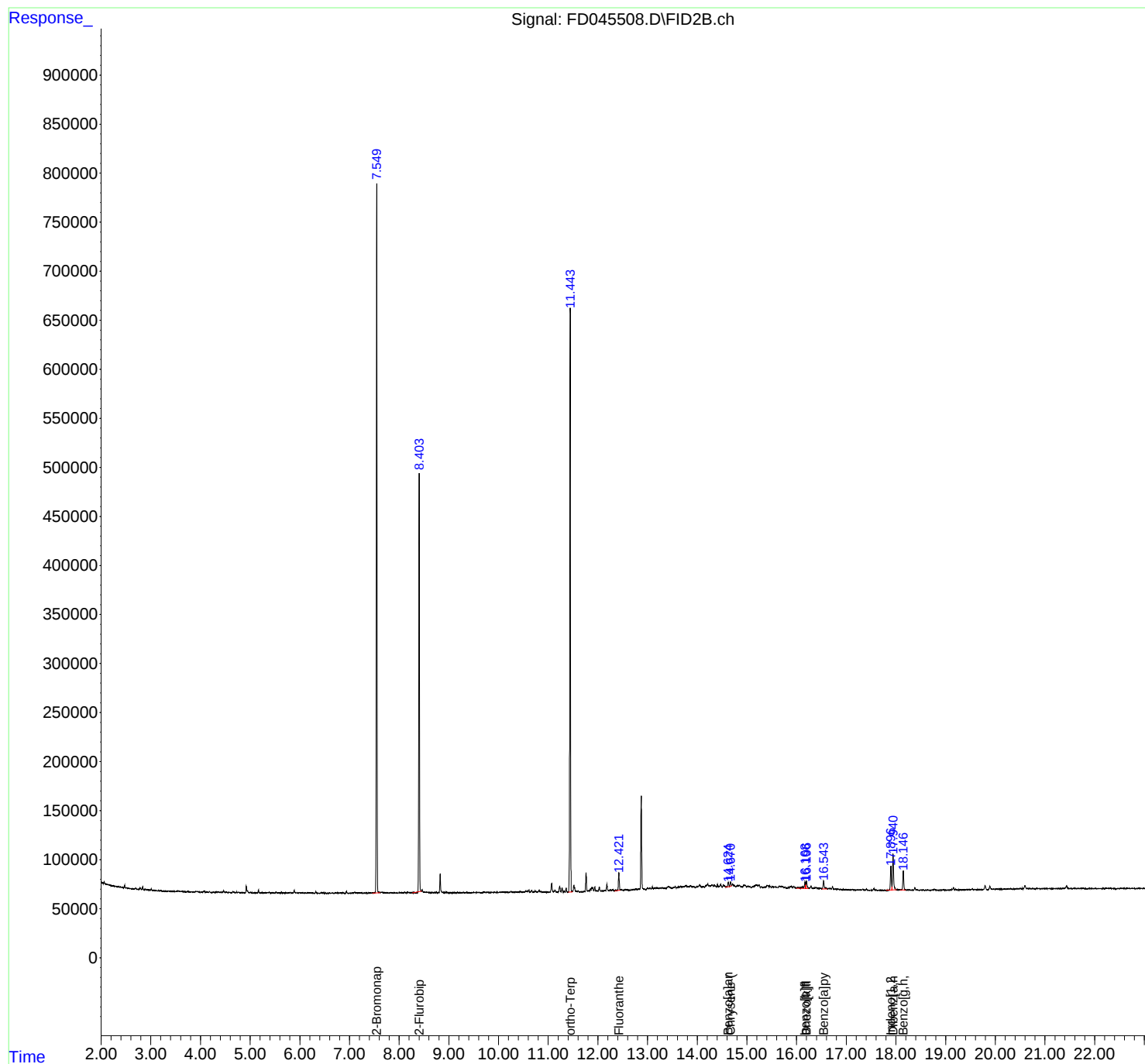
(m)=manual int.

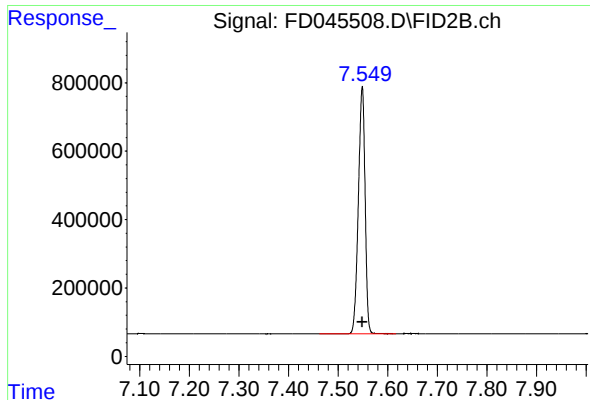
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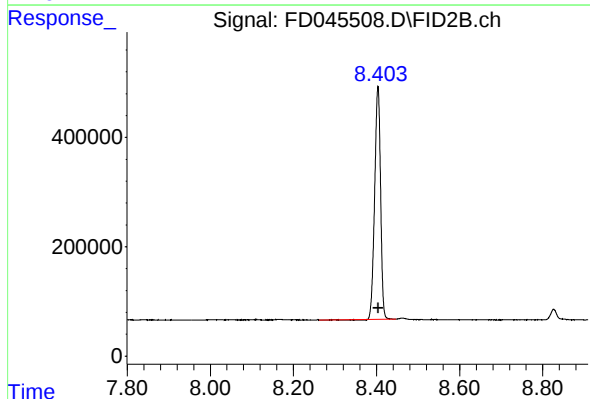




#4 2-Bromonaphthalene (SURR)

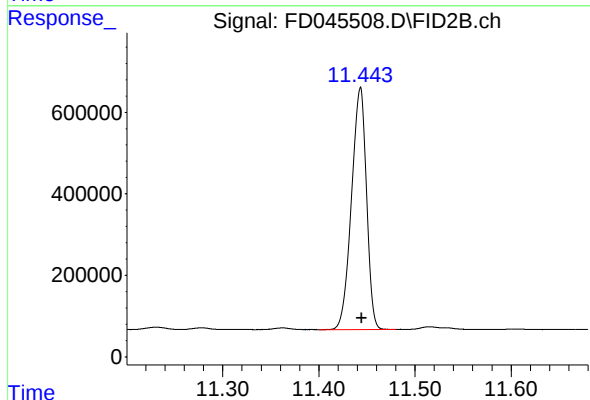
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 6802414
Conc: 49.65 ug/ml

Instrument :
FID_D
ClientSampleId :



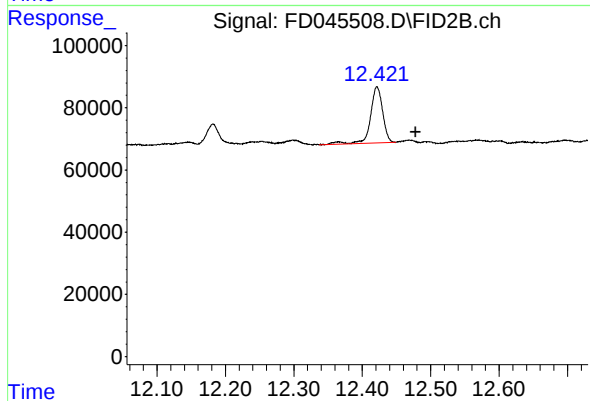
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 4173353
Conc: 46.55 ug/ml



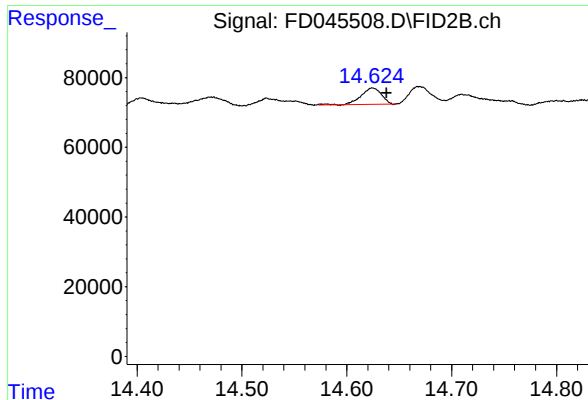
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: -0.002 min
Response: 6445680
Conc: 37.05 ug/ml



#12 Fluoranthene (C21.85)

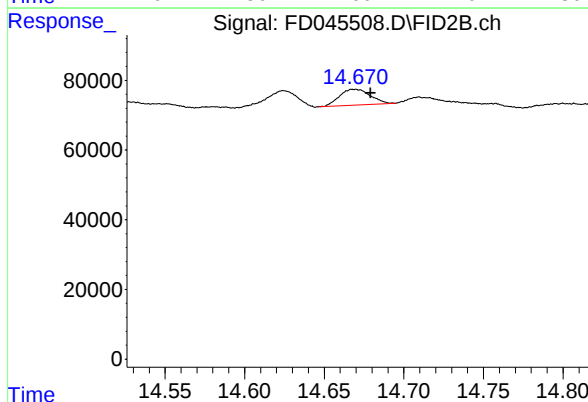
R.T.: 12.422 min
Delta R.T.: -0.056 min
Response: 226559
Conc: 1.57 ug/ml



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

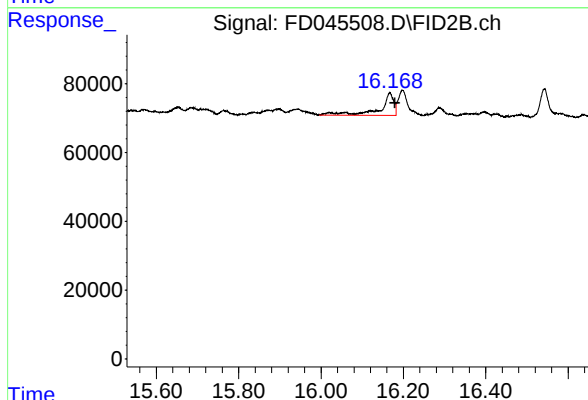
R.T.: 14.625 min
Delta R.T.: -0.013 min
Response: 64078
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



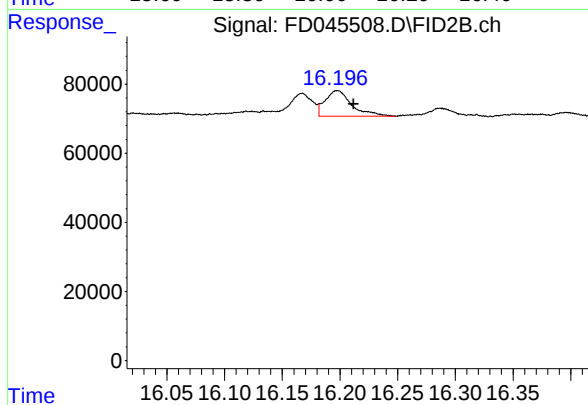
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: -0.010 min
Response: 60727
Conc: 0.46 ug/ml



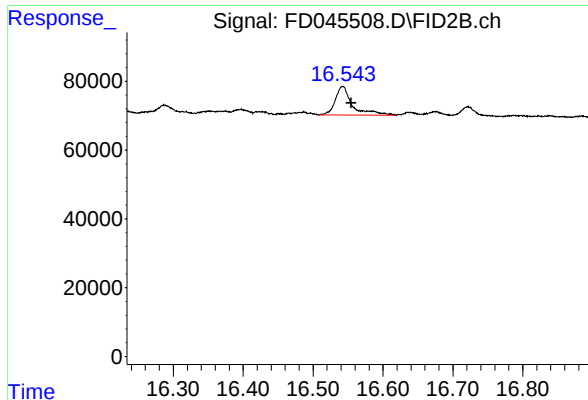
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.167 min
Delta R.T.: -0.013 min
Response: 156858
Conc: 1.21 ug/ml



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

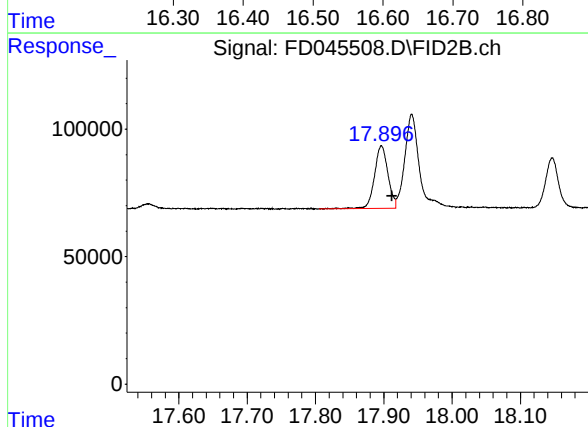
R.T.: 16.198 min
Delta R.T.: -0.014 min
Response: 119103
Conc: 0.94 ug/ml



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

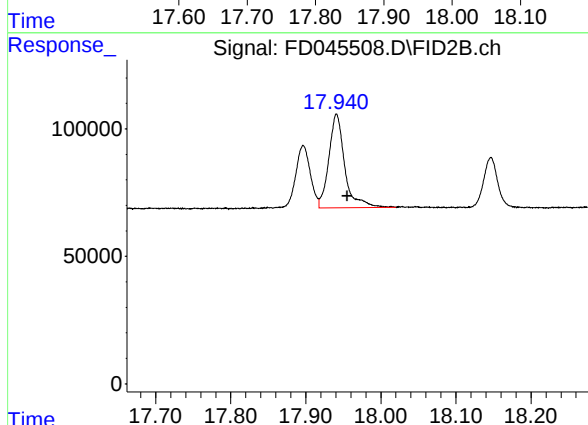
R.T.: 16.542 min
Delta R.T.: -0.013 min
Response: 140630
Conc: 1.12 ug/ml

Instrument :
FID_D
ClientSampleId :



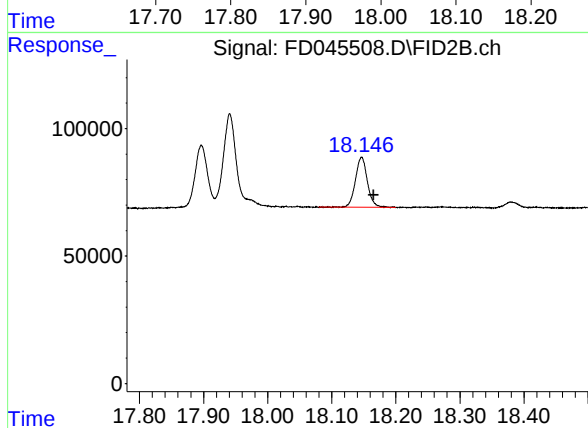
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.897 min
Delta R.T.: -0.015 min
Response: 331034
Conc: 2.80 ug/ml



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

R.T.: 17.941 min
Delta R.T.: -0.014 min
Response: 538713
Conc: 4.52 ug/ml



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

R.T.: 18.147 min
Delta R.T.: -0.019 min
Response: 256942
Conc: 2.06 ug/ml