

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045541.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 17:49
 Operator : YP/AJ
 Sample : 02530-02
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 02 04:17:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.547	6301889	43.589 ug/ml
Spiked Amount 50.000		Recovery =	87.18%
6) S 2-Fluorobiphenyl (SURR)	8.401	2541735	27.257 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	54.51%
11) S ortho-Terphenyl (SURR)	11.442	4816714	26.914 ug/ml
Spiked Amount 50.000		Recovery =	53.83%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.163	51824	0.343 ug/ml
14) T Benzo[a]anthracene (C...	14.629	46773	0.357 ug/ml
15) T Chrysene (C27.41)	14.669	51785	0.379 ug/ml
16) T benzo[b]fluoranthene ...	16.171	54072	0.405 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	63739	0.476 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.545	67694	0.529 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.902	214963	1.711 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	279282	2.050 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	80220	0.612 ug/ml

(f)=RT Delta > 1/2 Window

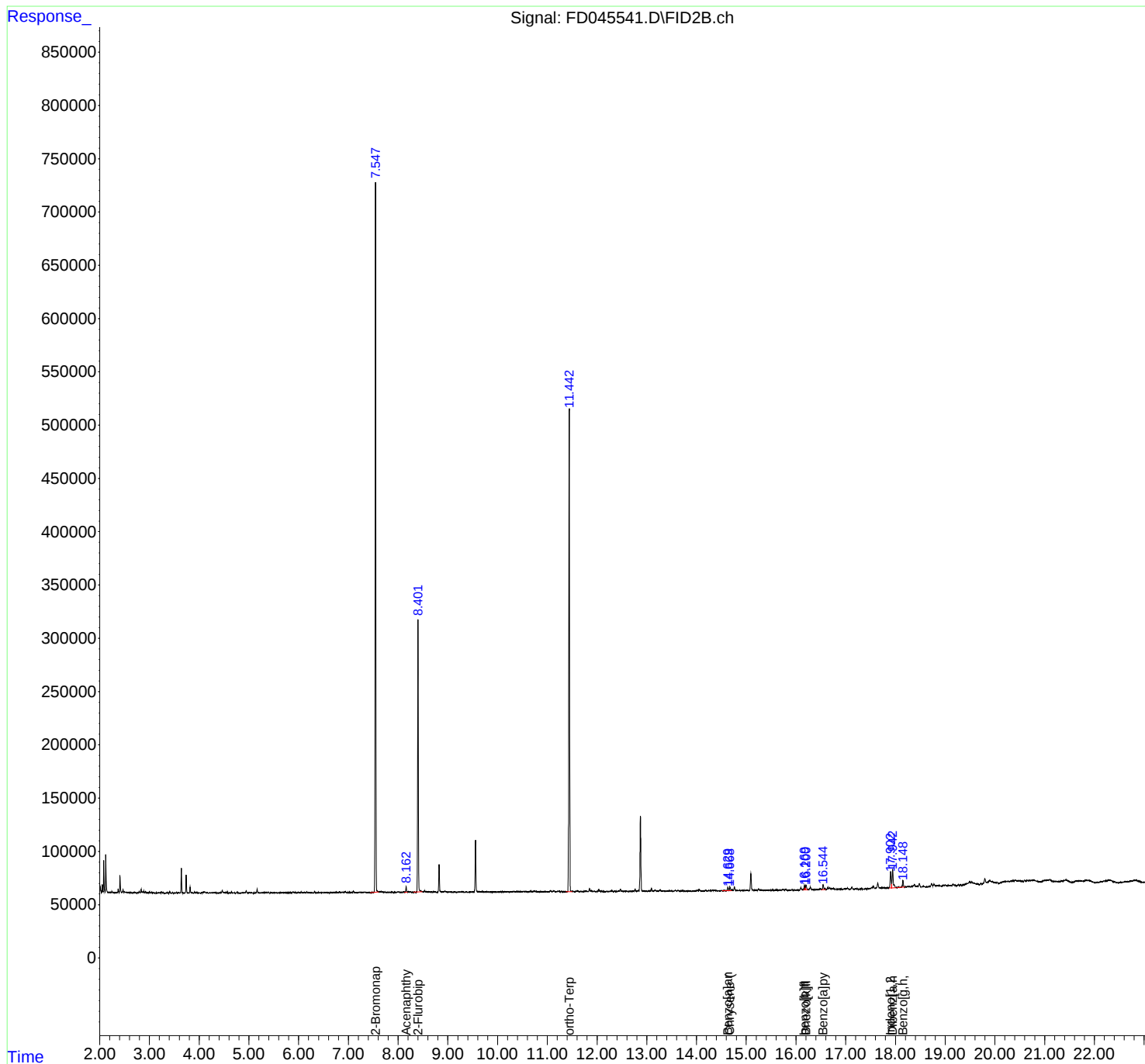
(m)=manual int.

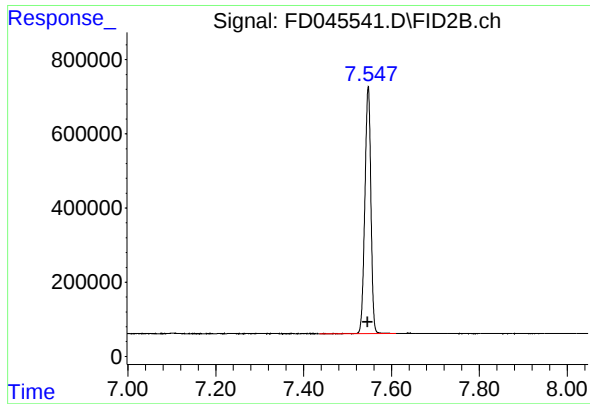
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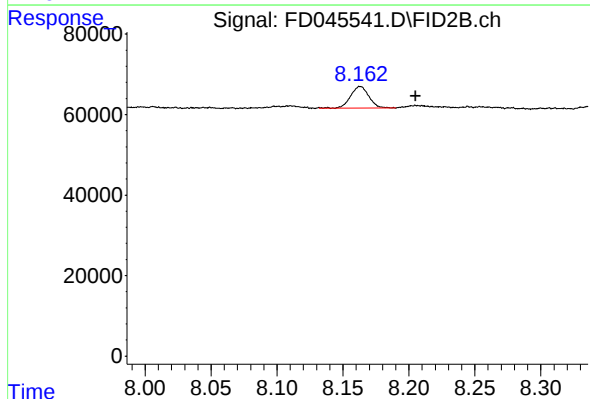




#4 2-Bromonaphthalene (SURR)

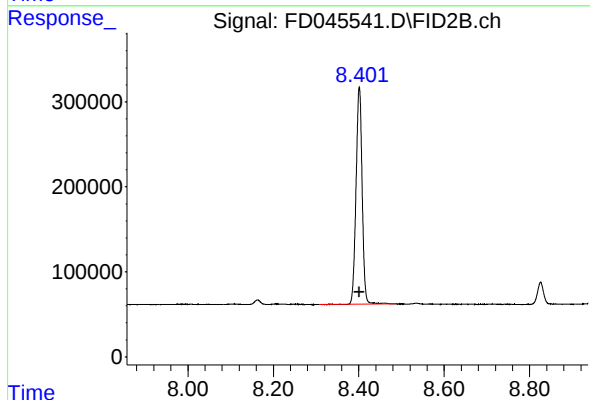
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 6301889
Conc: 43.59 ug/ml

Instrument :
FID_D
ClientSampleId :



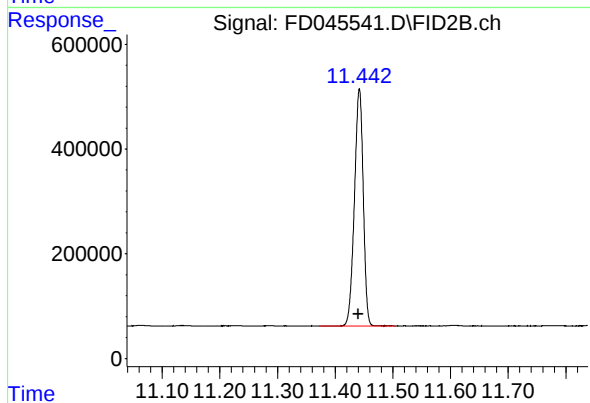
#5 Acenaphthylene (C15.06)

R.T.: 8.163 min
Delta R.T.: -0.042 min
Response: 51824
Conc: 0.34 ug/ml



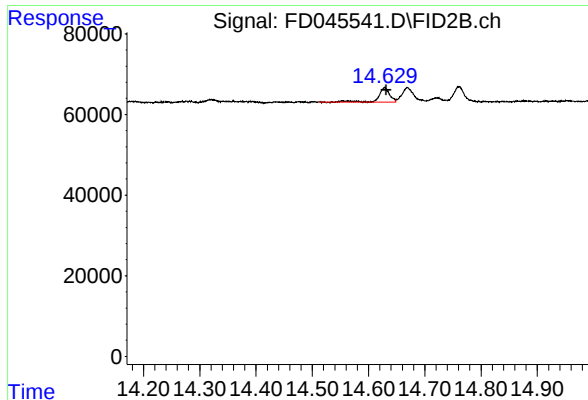
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 2541735
Conc: 27.26 ug/ml



#11 ortho-Terphenyl (SURR)

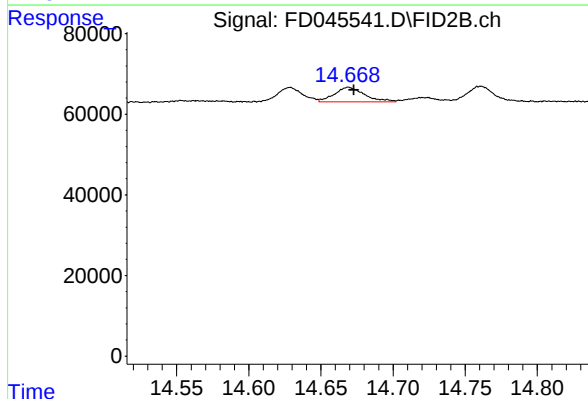
R.T.: 11.442 min
Delta R.T.: 0.002 min
Response: 4816714
Conc: 26.91 ug/ml



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

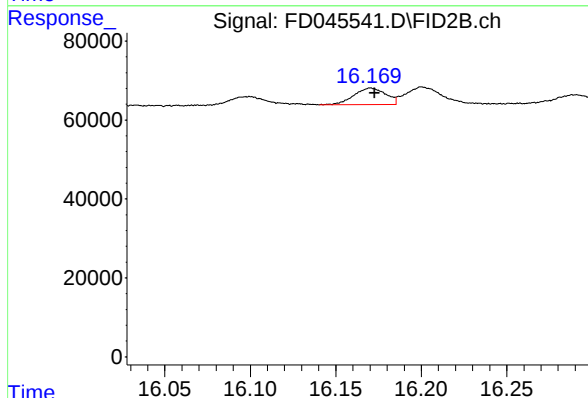
R.T.: 14.629 min
Delta R.T.: -0.003 min
Response: 46773
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



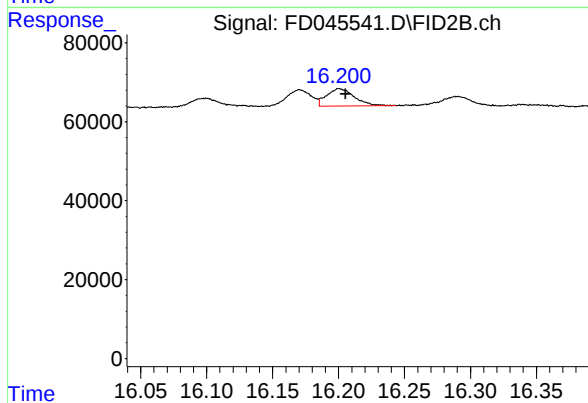
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: -0.004 min
Response: 51785
Conc: 0.38 ug/ml



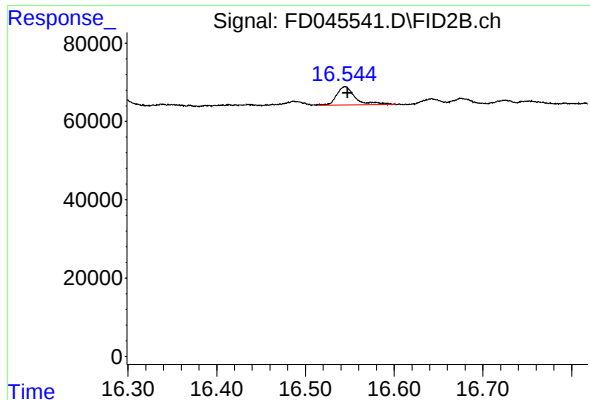
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.171 min
Delta R.T.: -0.002 min
Response: 54072
Conc: 0.40 ug/ml



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

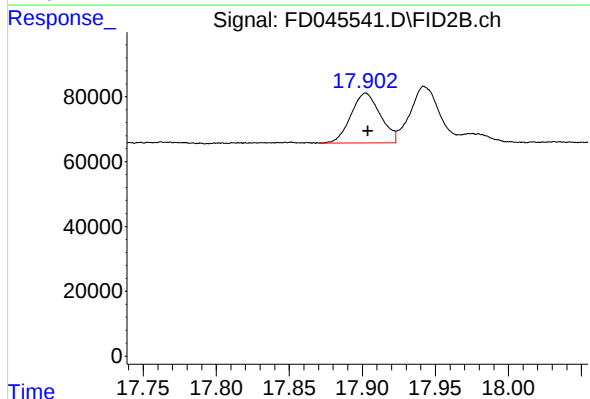
R.T.: 16.201 min
Delta R.T.: -0.004 min
Response: 63739
Conc: 0.48 ug/ml



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

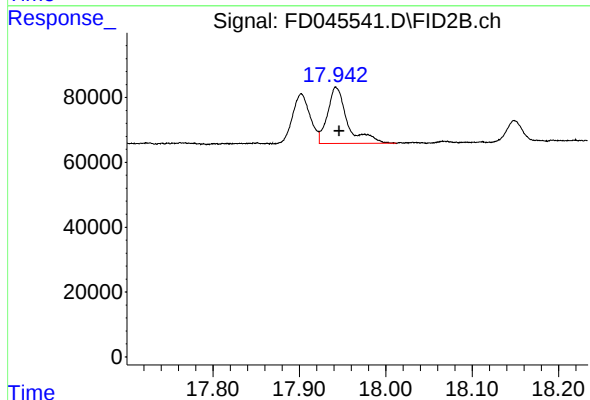
R.T.: 16.545 min
Delta R.T.: -0.003 min
Response: 67694
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



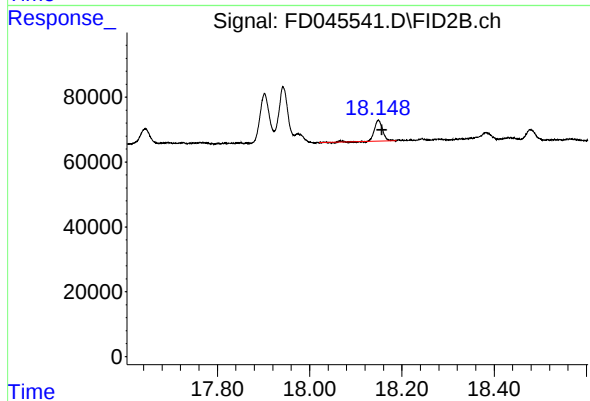
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.902 min
Delta R.T.: -0.002 min
Response: 214963
Conc: 1.71 ug/ml



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

R.T.: 17.943 min
Delta R.T.: -0.003 min
Response: 279282
Conc: 2.05 ug/ml



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

R.T.: 18.149 min
Delta R.T.: -0.008 min
Response: 80220
Conc: 0.61 ug/ml