

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045536.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 14:32
 Operator : YP/AJ
 Sample : 02407-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 02 04:17:06 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	5839216	40.388 ug/ml
Spiked Amount 50.000		Recovery =	80.78%
6) S 2-Fluorobiphenyl (SURR)	8.402	3551450	38.086 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.17%
11) S ortho-Terphenyl (SURR)	11.443	5738788	32.066 ug/ml
Spiked Amount 50.000		Recovery =	64.13%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.163	38534	0.255 ug/ml
12) T Fluoranthene (C21.85)	12.471	53014	0.360 ug/ml
13) T Pyrene (C20.8)	12.765	42363	0.295 ug/ml
14) T Benzo[a]anthracene (C...	14.628	108624	0.829 ug/ml
15) T Chrysene (C27.41)	14.669	104224	0.763 ug/ml
16) T benzo[b]fluoranthene ...	16.169	161048	1.206 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	197744	1.478 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	237373	1.855 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	707588	5.633 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	1095816	8.044 ug/ml
21) T Benzo[g,h,i]perylene ...	18.151	558852	4.266 ug/ml

(f)=RT Delta > 1/2 Window

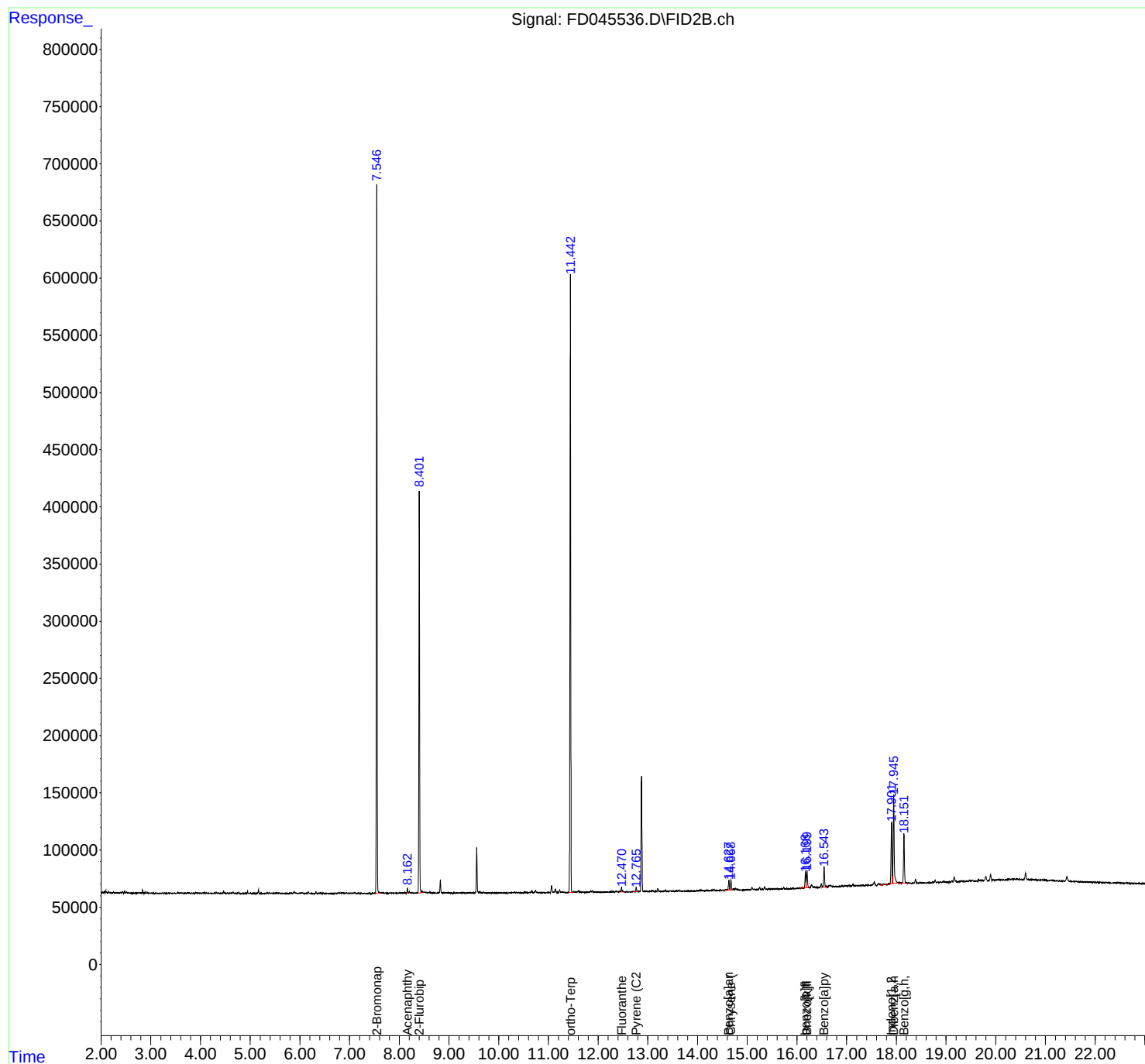
(m)=manual int.

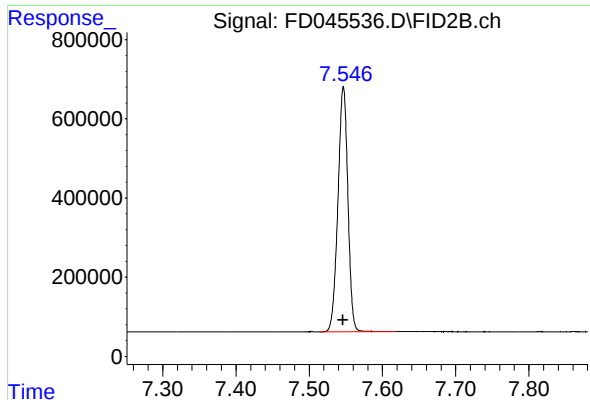
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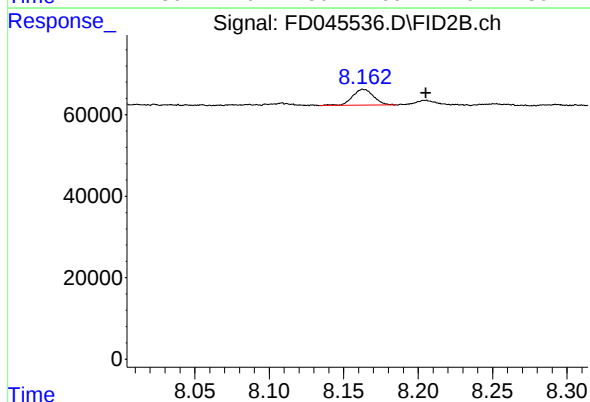




#4 2-Bromonaphthalene (SURR)

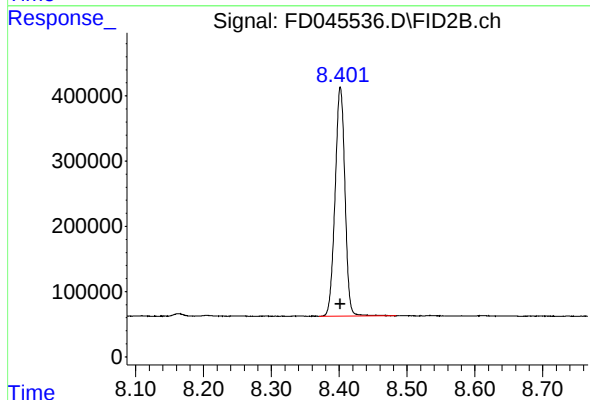
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 5839216
Conc: 40.39 ug/ml

Instrument :
FID_D
ClientSampleId :



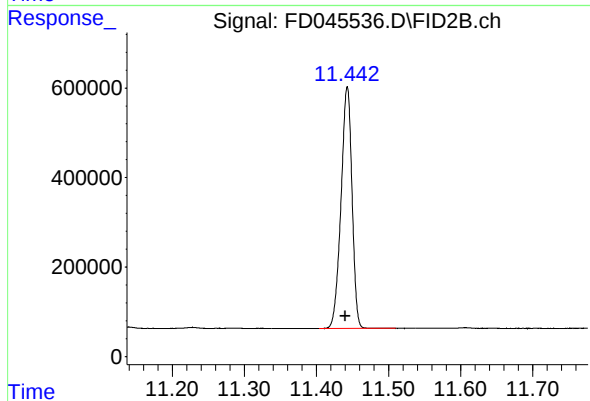
#5 Acenaphthylene (C15.06)

R.T.: 8.163 min
Delta R.T.: -0.042 min
Response: 38534
Conc: 0.25 ug/ml



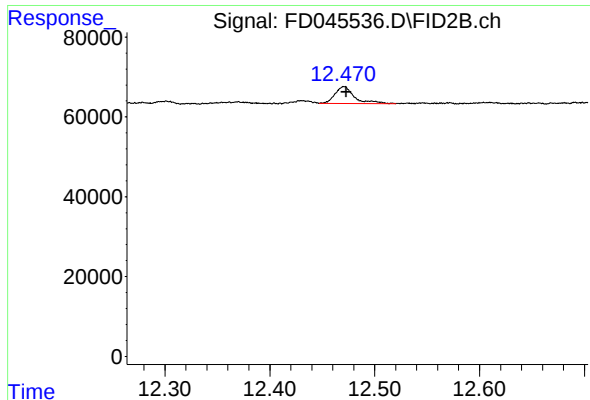
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 3551450
Conc: 38.09 ug/ml



#11 ortho-Terphenyl (SURR)

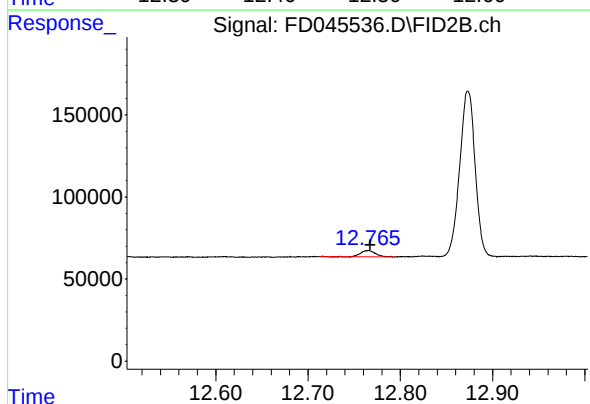
R.T.: 11.443 min
Delta R.T.: 0.002 min
Response: 5738788
Conc: 32.07 ug/ml



#12 Fluoranthene (C21.85)

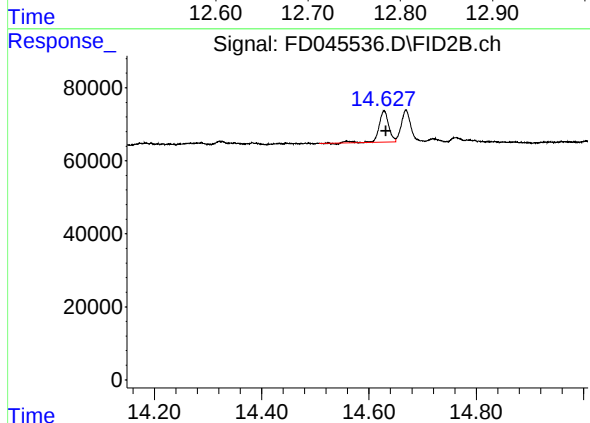
R.T.: 12.471 min
Delta R.T.: -0.002 min
Response: 53014
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



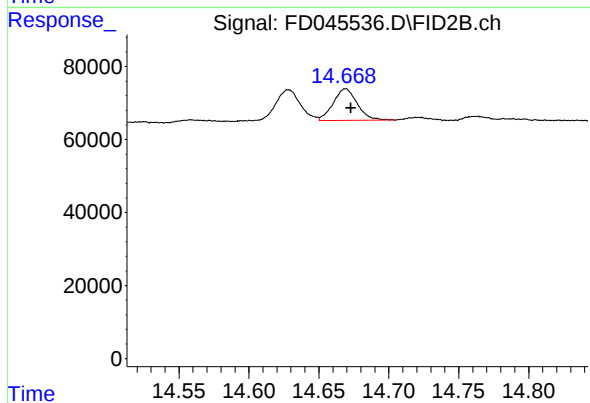
#13 Pyrene (C20.8)

R.T.: 12.765 min
Delta R.T.: -0.003 min
Response: 42363
Conc: 0.30 ug/ml



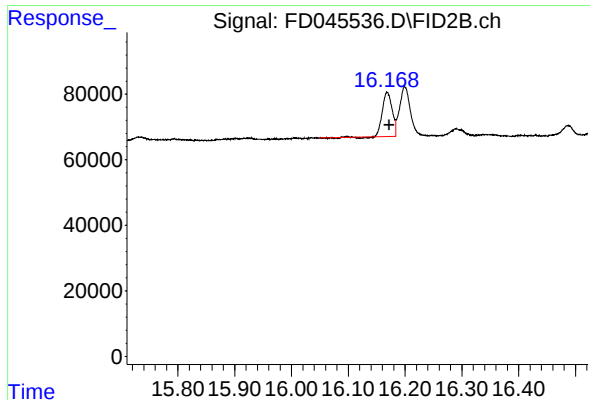
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.628 min
Delta R.T.: -0.003 min
Response: 108624
Conc: 0.83 ug/ml



#15 Chrysene (C27.41)

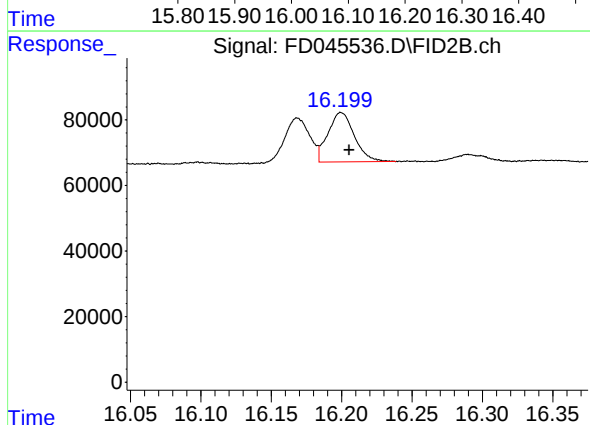
R.T.: 14.669 min
Delta R.T.: -0.004 min
Response: 104224
Conc: 0.76 ug/ml



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

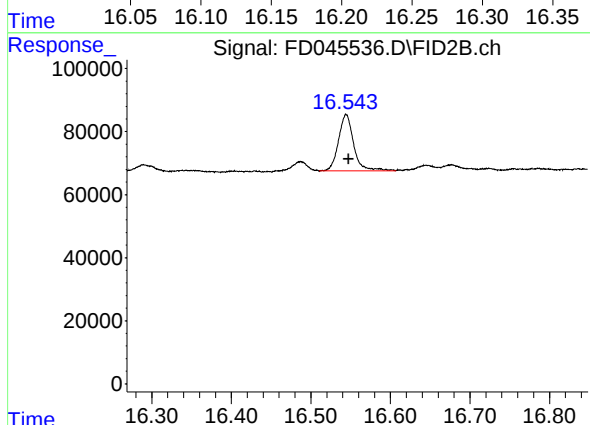
R.T.: 16.169 min
Delta R.T.: -0.004 min
Response: 161048
Conc: 1.21 ug/ml

Instrument :
FID_D
ClientSampleId :



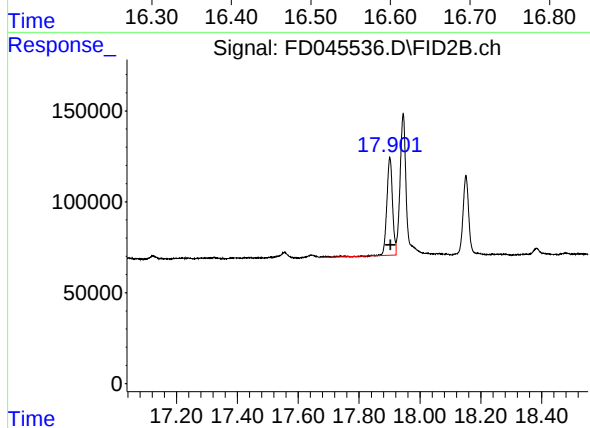
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.200 min
Delta R.T.: -0.006 min
Response: 197744
Conc: 1.48 ug/ml



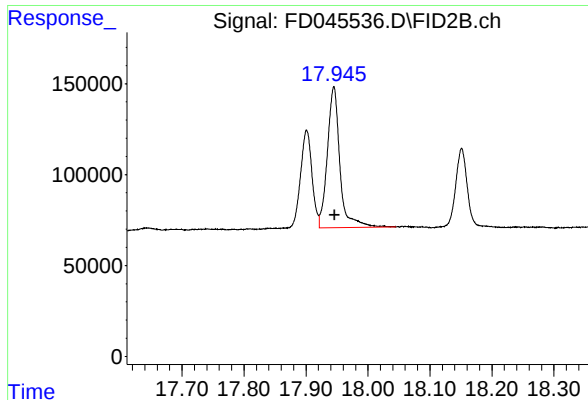
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.544 min
Delta R.T.: -0.003 min
Response: 237373
Conc: 1.86 ug/ml



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

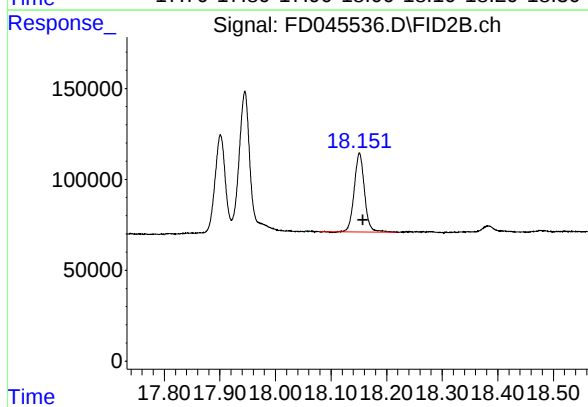
R.T.: 17.901 min
Delta R.T.: -0.003 min
Response: 707588
Conc: 5.63 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.002 min
Response: 1095816
Conc: 8.04 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.151 min
Delta R.T.: -0.006 min
Response: 558852
Conc: 4.27 ug/ml