

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045537.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 15:11
 Operator : YP/AJ
 Sample : 02407-01D
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 02 04:17:14 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...	7.546	5900212	40.810 ug/ml
Spiked Amount 50.000		Recovery =	81.62%
6) S 2-Fluorobiphenyl (SURR)	8.402	3611284	38.727 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.45%
11) S ortho-Terphenyl (SURR)	11.444	5864838	32.770 ug/ml
Spiked Amount 50.000		Recovery =	65.54%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.163	42313	0.280 ug/ml
12) T Fluoranthene (C21.85)	12.471	54075	0.367 ug/ml
13) T Pyrene (C20.8)	12.765	36194	0.252 ug/ml
14) T Benzo[a]anthracene (C...	14.629	48947	0.374 ug/ml
15) T Chrysene (C27.41)	14.669	62640	0.459 ug/ml
16) T benzo[b]fluoranthene ...	16.170	84299	0.631 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	83606	0.625 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.545	94685	0.740 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	274006	2.181 ug/ml
20) T Dibenz[a,h]anthracene...	17.944	466733	3.426 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	182305	1.392 ug/ml

(f)=RT Delta > 1/2 Window

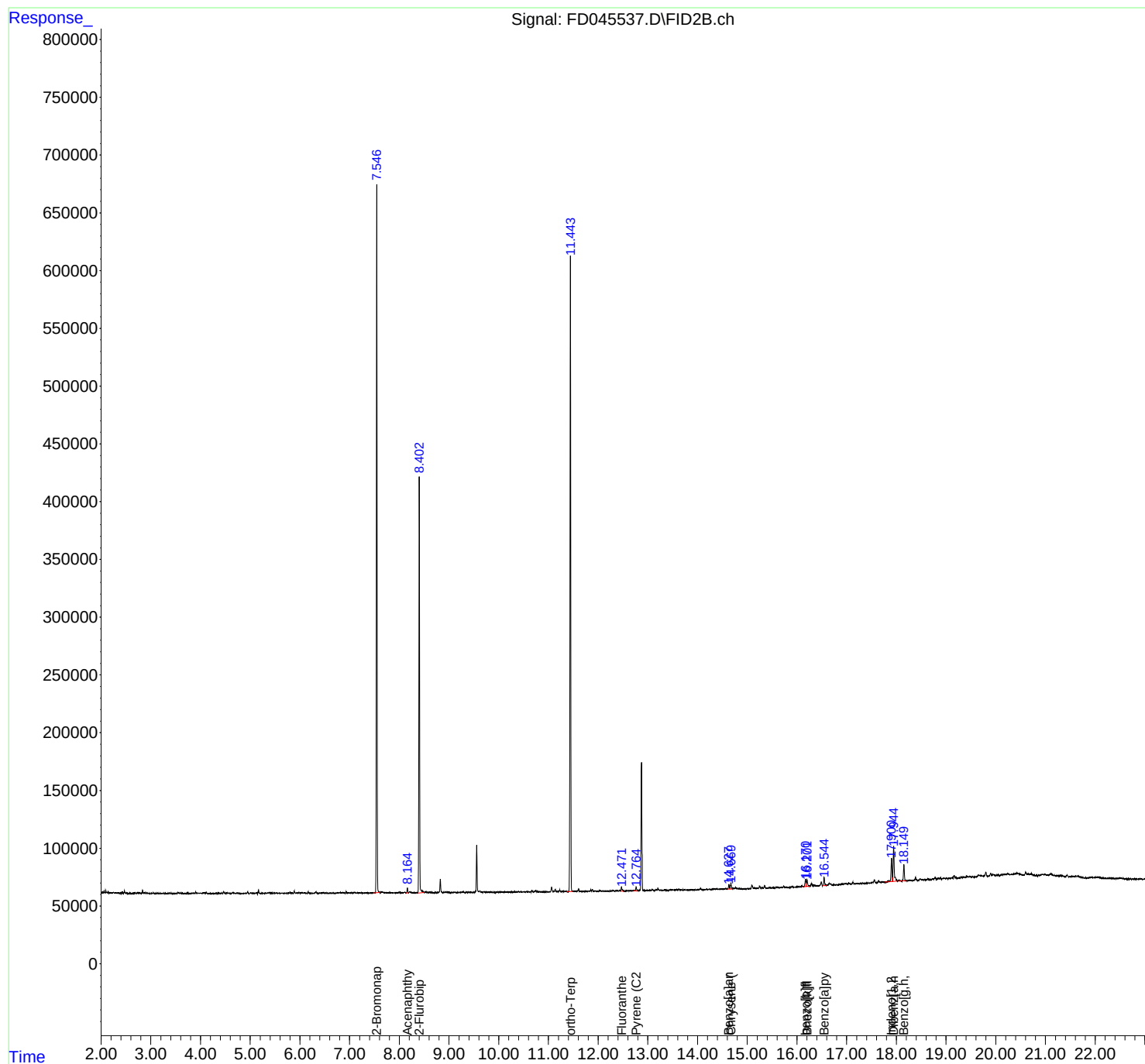
(m)=manual int.

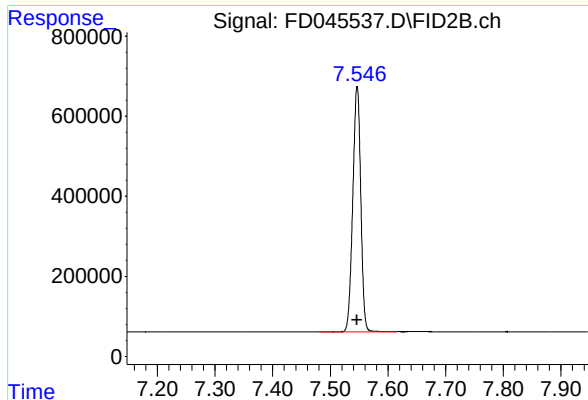
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Signal Info : 20M x 0.18mm x 0.18µm

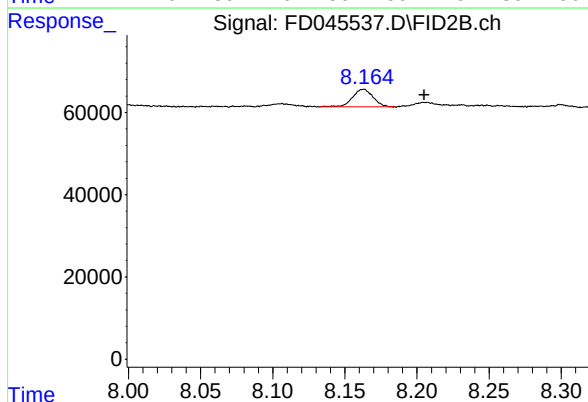




#4 2-Bromonaphthalene (SURR)

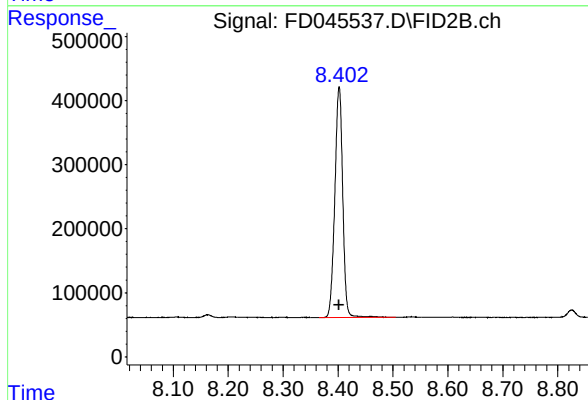
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 5900212
Conc: 40.81 ug/ml

Instrument :
FID_D
ClientSampleId :



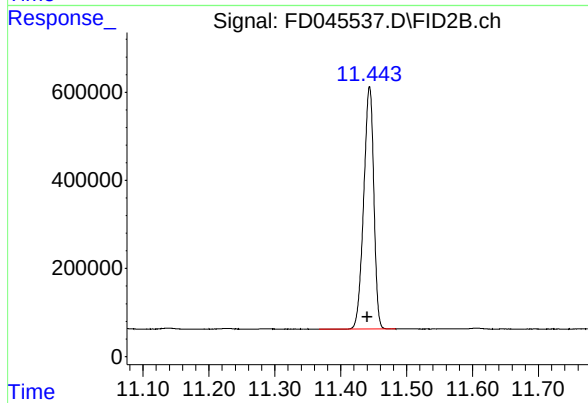
#5 Acenaphthylene (C15.06)

R.T.: 8.163 min
Delta R.T.: -0.042 min
Response: 42313
Conc: 0.28 ug/ml



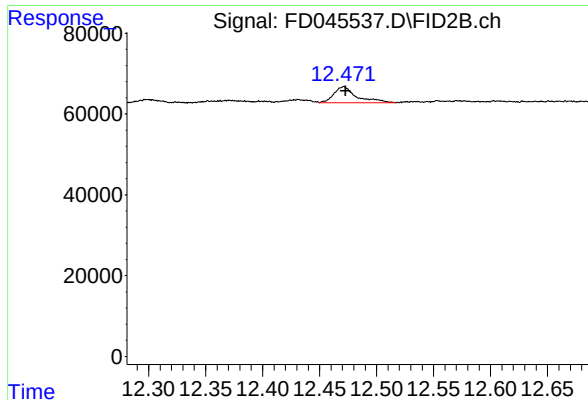
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 3611284
Conc: 38.73 ug/ml



#11 ortho-Terphenyl (SURR)

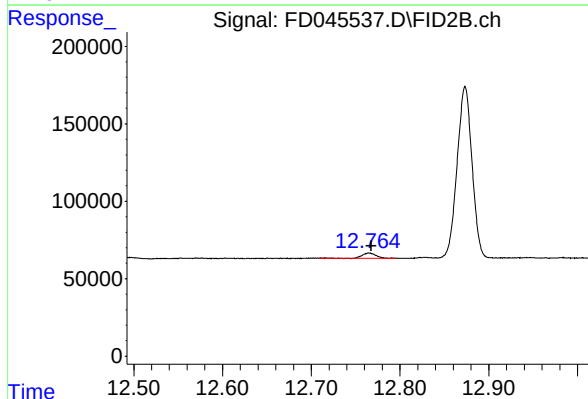
R.T.: 11.444 min
Delta R.T.: 0.003 min
Response: 5864838
Conc: 32.77 ug/ml



#12 Fluoranthene (C21.85)

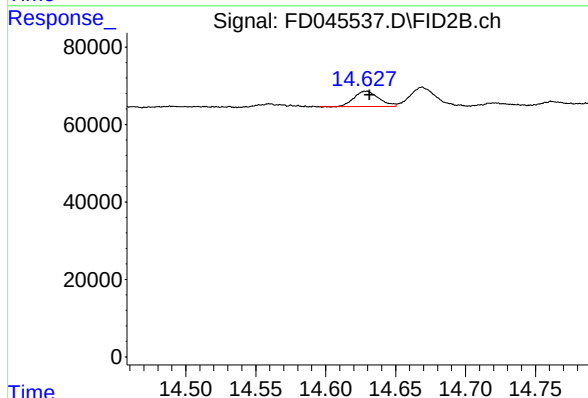
R.T.: 12.471 min
Delta R.T.: -0.002 min
Response: 54075
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



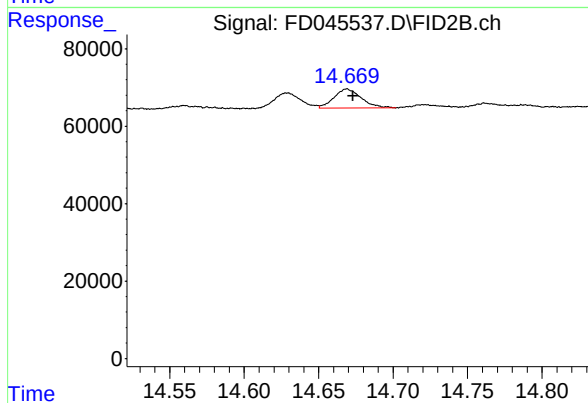
#13 Pyrene (C20.8)

R.T.: 12.765 min
Delta R.T.: -0.002 min
Response: 36194
Conc: 0.25 ug/ml



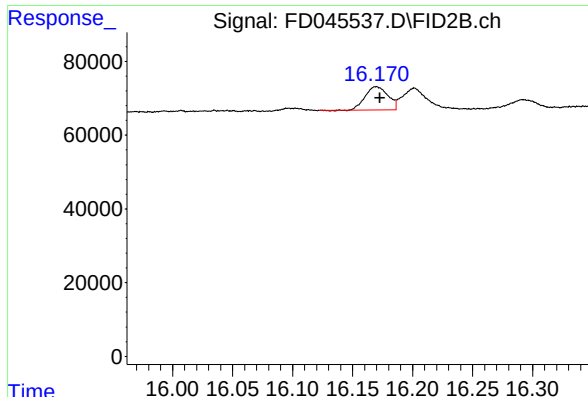
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.629 min
Delta R.T.: -0.003 min
Response: 48947
Conc: 0.37 ug/ml



#15 Chrysene (C27.41)

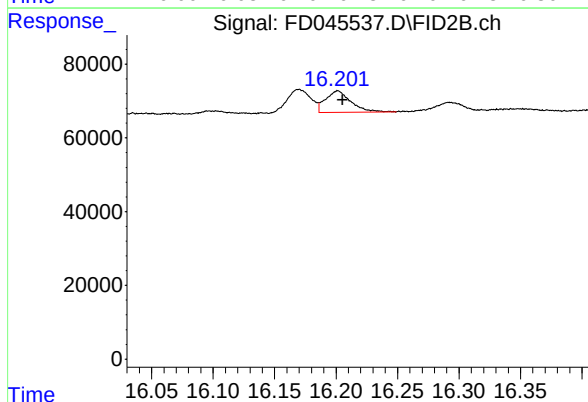
R.T.: 14.669 min
Delta R.T.: -0.004 min
Response: 62640
Conc: 0.46 ug/ml



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

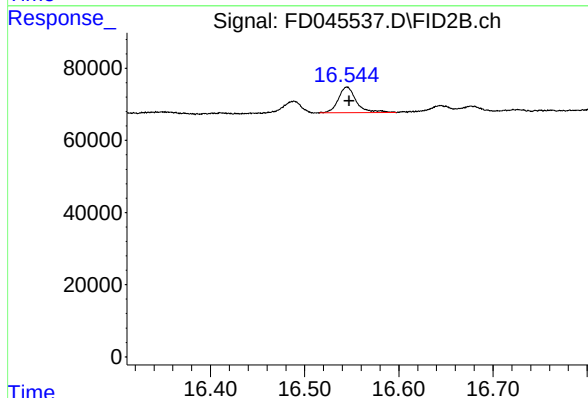
R.T.: 16.170 min
Delta R.T.: -0.003 min
Response: 84299
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



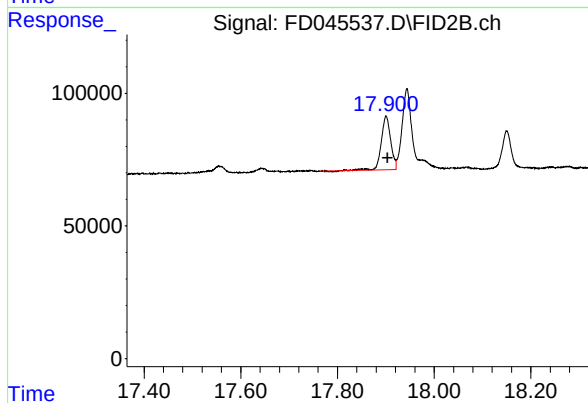
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.201 min
Delta R.T.: -0.004 min
Response: 83606
Conc: 0.62 ug/ml



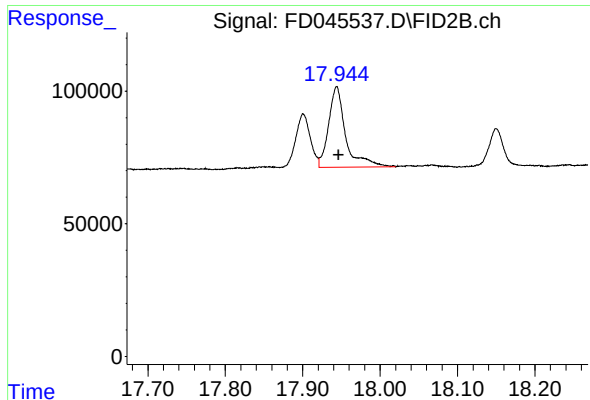
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.545 min
Delta R.T.: -0.003 min
Response: 94685
Conc: 0.74 ug/ml



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

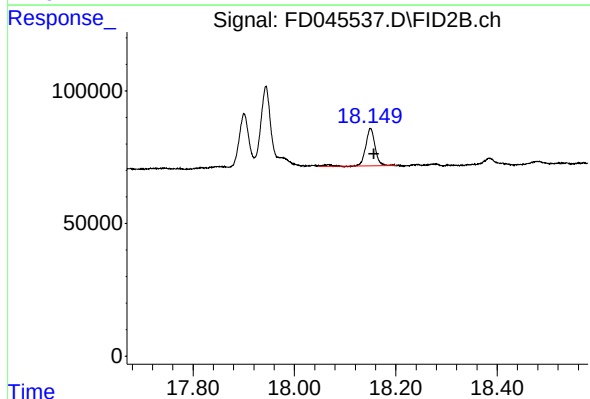
R.T.: 17.901 min
Delta R.T.: -0.003 min
Response: 274006
Conc: 2.18 ug/ml



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

R.T.: 17.944 min
Delta R.T.: -0.003 min
Response: 466733
Conc: 3.43 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.150 min
Delta R.T.: -0.007 min
Response: 182305
Conc: 1.39 ug/ml