

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045540.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 17:09
 Operator : YP/AJ
 Sample : 02530-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 02 04:17:41 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...	7.548	7147372	49.437 ug/ml
Spiked Amount 50.000		Recovery =	98.87%
6) S 2-Fluorobiphenyl (SURR)	8.401	2731152	29.289 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	58.58%
11) S ortho-Terphenyl (SURR)	11.442	5036506	28.142 ug/ml
Spiked Amount 50.000		Recovery =	56.28%
Target Compounds			
12) T Fluoranthene (C21.85)	12.470	52625	0.358 ug/ml
13) T Pyrene (C20.8)	12.765	53933	0.376 ug/ml
14) T Benzo[a]anthracene (C...	14.628	93364	0.712 ug/ml
15) T Chrysene (C27.41)	14.669	90018	0.659 ug/ml
16) T benzo[b]fluoranthene ...	16.169	117655	0.881 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	145073	1.085 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	159906	1.250 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	384039	3.057 ug/ml
20) T Dibenz[a,h]anthracene...	17.944	593880	4.359 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	190285	1.452 ug/ml

(f)=RT Delta > 1/2 Window

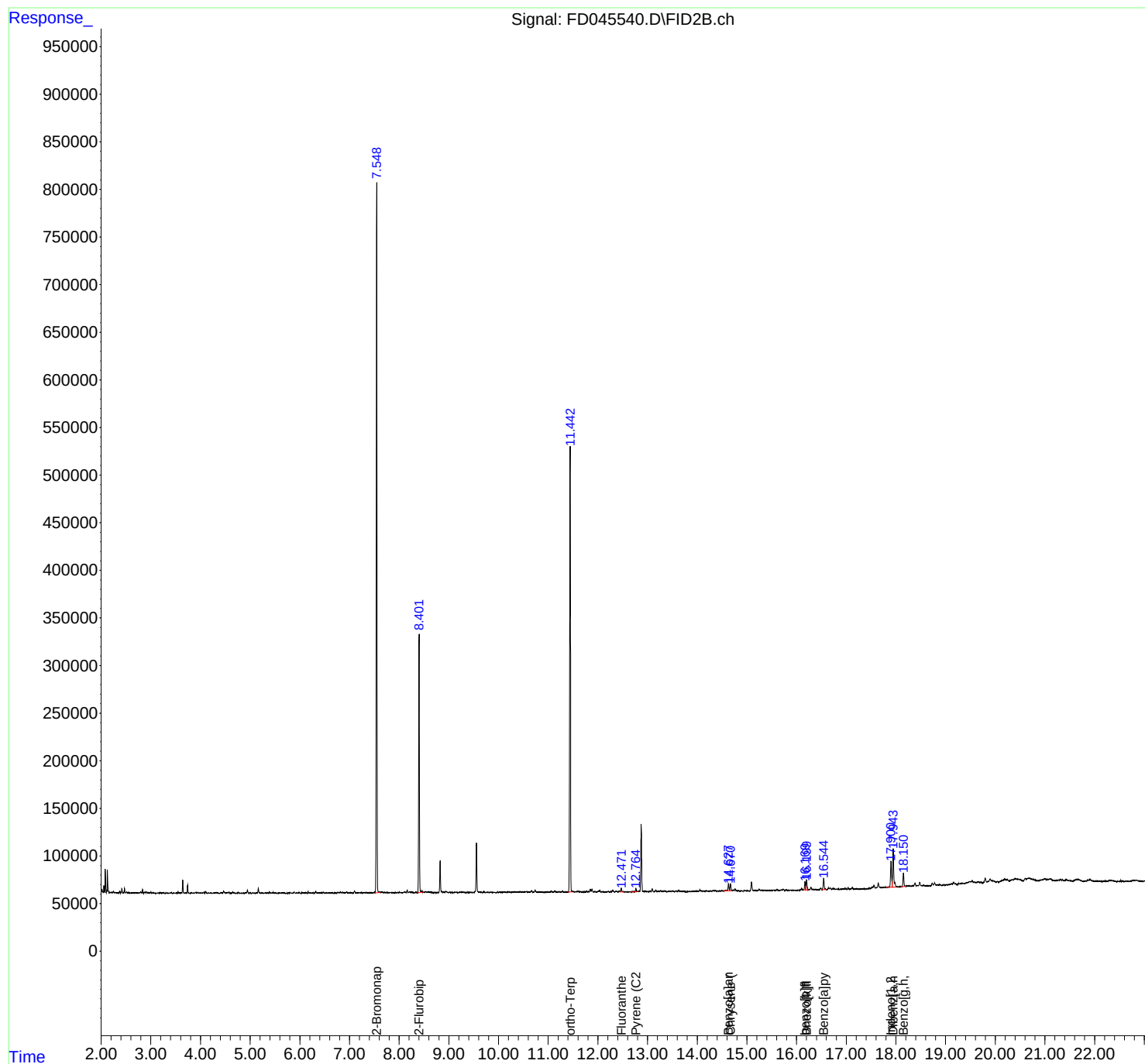
(m)=manual int.

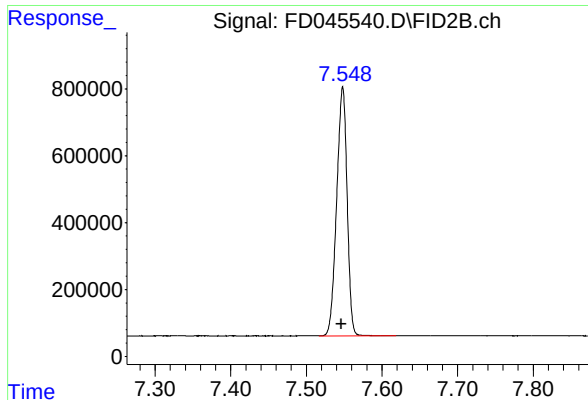
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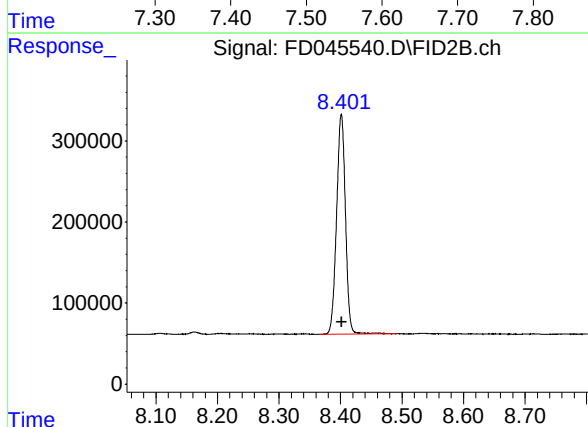
#4 2-Bromonaphthalene (SURR)

R.T.: 7.548 min
Delta R.T.: 0.002 min
Response: 7147372
Conc: 49.44 ug/ml

Instrument :

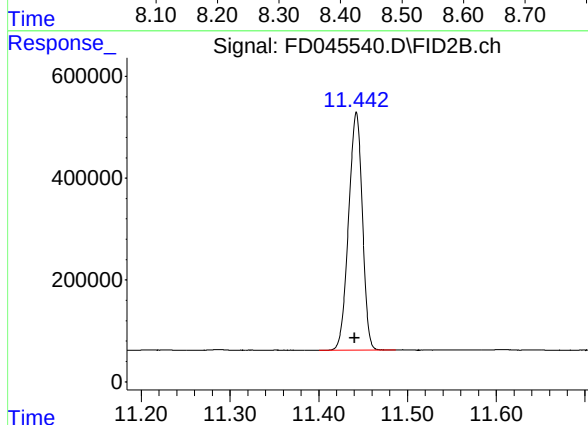
FID_D

ClientSampleId :



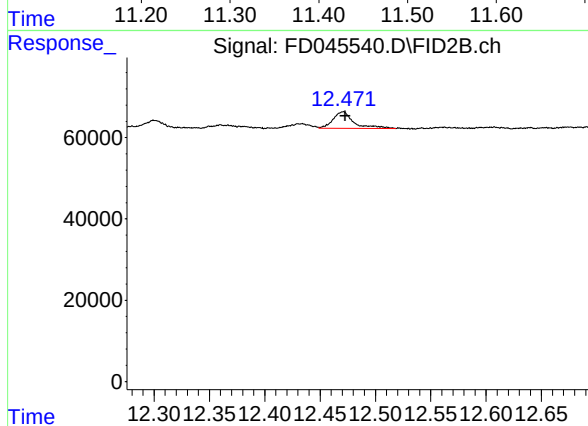
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 2731152
Conc: 29.29 ug/ml



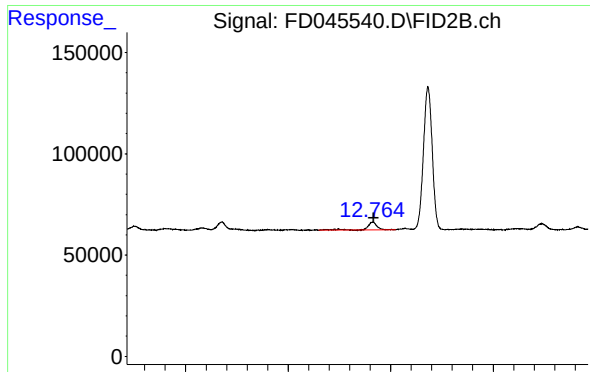
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: 0.002 min
Response: 5036506
Conc: 28.14 ug/ml



#12 Fluoranthene (C21.85)

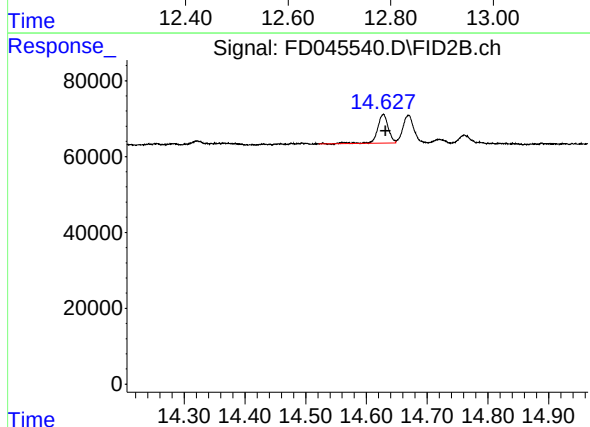
R.T.: 12.470 min
Delta R.T.: -0.002 min
Response: 52625
Conc: 0.36 ug/ml



#13 Pyrene (C20.8)

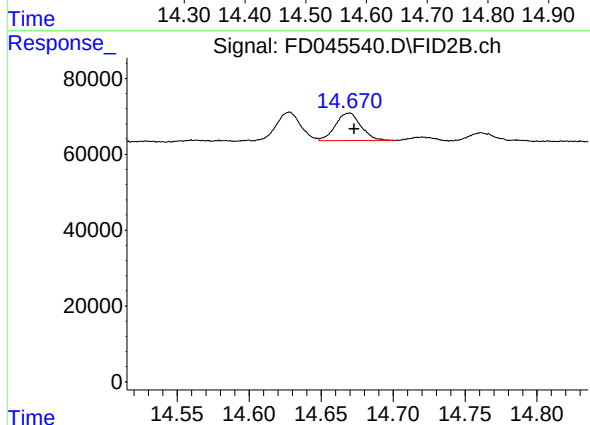
R.T.: 12.765 min
Delta R.T.: -0.003 min
Response: 53933
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



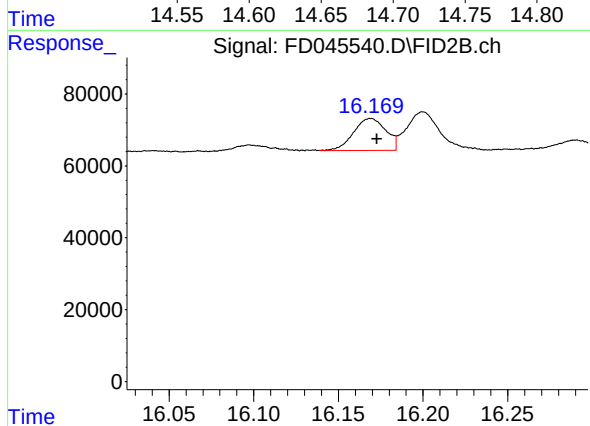
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.628 min
Delta R.T.: -0.004 min
Response: 93364
Conc: 0.71 ug/ml



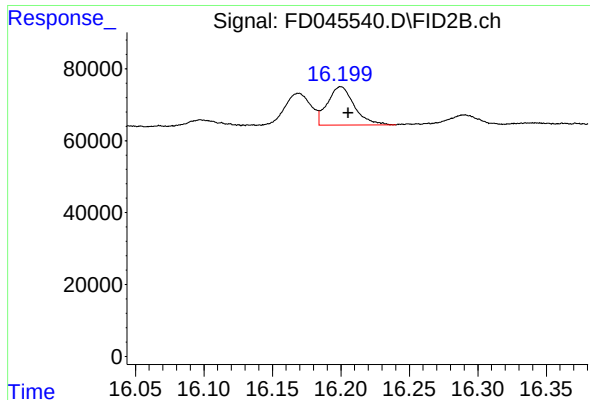
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: -0.004 min
Response: 90018
Conc: 0.66 ug/ml



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

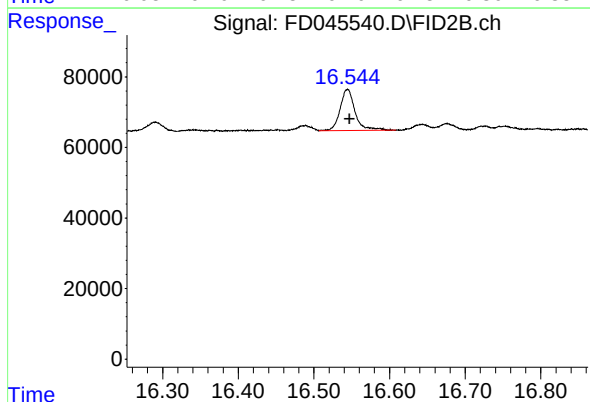
R.T.: 16.169 min
Delta R.T.: -0.004 min
Response: 117655
Conc: 0.88 ug/ml



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

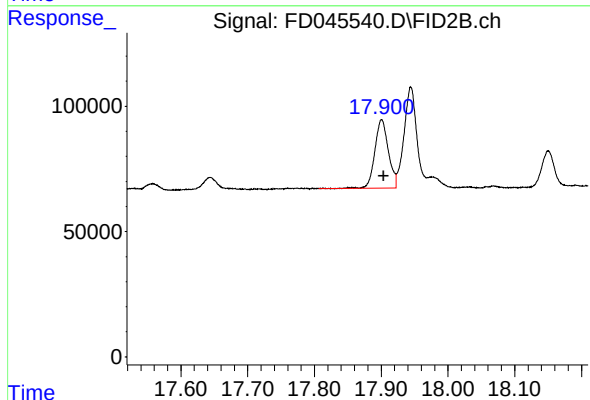
R.T.: 16.200 min
Delta R.T.: -0.006 min
Response: 145073
Conc: 1.08 ug/ml

Instrument :
FID_D
ClientSampleId :



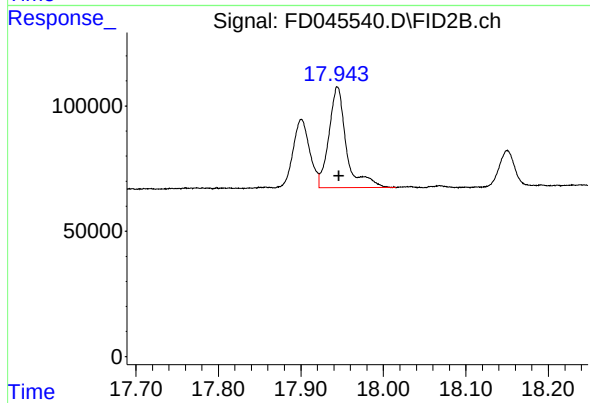
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.544 min
Delta R.T.: -0.003 min
Response: 159906
Conc: 1.25 ug/ml



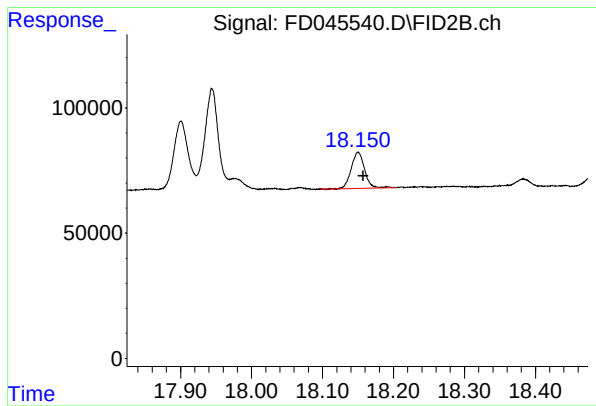
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.901 min
Delta R.T.: -0.003 min
Response: 384039
Conc: 3.06 ug/ml



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

R.T.: 17.944 min
Delta R.T.: -0.002 min
Response: 593880
Conc: 4.36 ug/ml



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

R.T.: 18.150 min
Delta R.T.: -0.007 min
Response: 190285
Conc: 1.45 ug/ml

Instrument :
FID_D
ClientSampleId :