

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045982.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 03:35
 Operator : YP/AJ
 Sample : 03357-28
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 06:37:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.520	9016603	41.841 ug/ml
Spiked Amount 50.000		Recovery =	83.68%
6) S 2-Fluorobiphenyl (SURR)	8.376	5540491	40.032 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.06%
11) S ortho-Terphenyl (SURR)	11.416	9459635	37.313 ug/ml
Spiked Amount 50.000		Recovery =	74.63%
Target Compounds			
7) T Acenaphthene (C15.5)	8.433	814463	3.455 ug/ml
9) T Phenanthrene (C19.36)	10.637	558999	2.620 ug/ml
12) T Fluoranthene (C21.85)	12.443	855253	4.179 ug/ml
13) T Pyrene (C20.8)	12.737	1384467	7.120 ug/ml
14) T Benzo[a]anthracene (C...	14.609	8657956	48.141 ug/ml
15) T Chrysene (C27.41)	14.655	5636180	28.716 ug/ml
16) T benzo[b]fluoranthene ...	16.158	6611954	35.253 ug/ml
17) T Bnezo[k]fluoranthene ...	16.158	6611954	33.426 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.530	5169825	29.672 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.889	4084600	21.948 ug/ml
20) T Dibenz[a,h]anthracene...	17.889	4084600	22.217 ug/ml
21) T Benzo[g,h,i]perylene ...	18.136	1480025	7.921 ug/ml

(f)=RT Delta > 1/2 Window

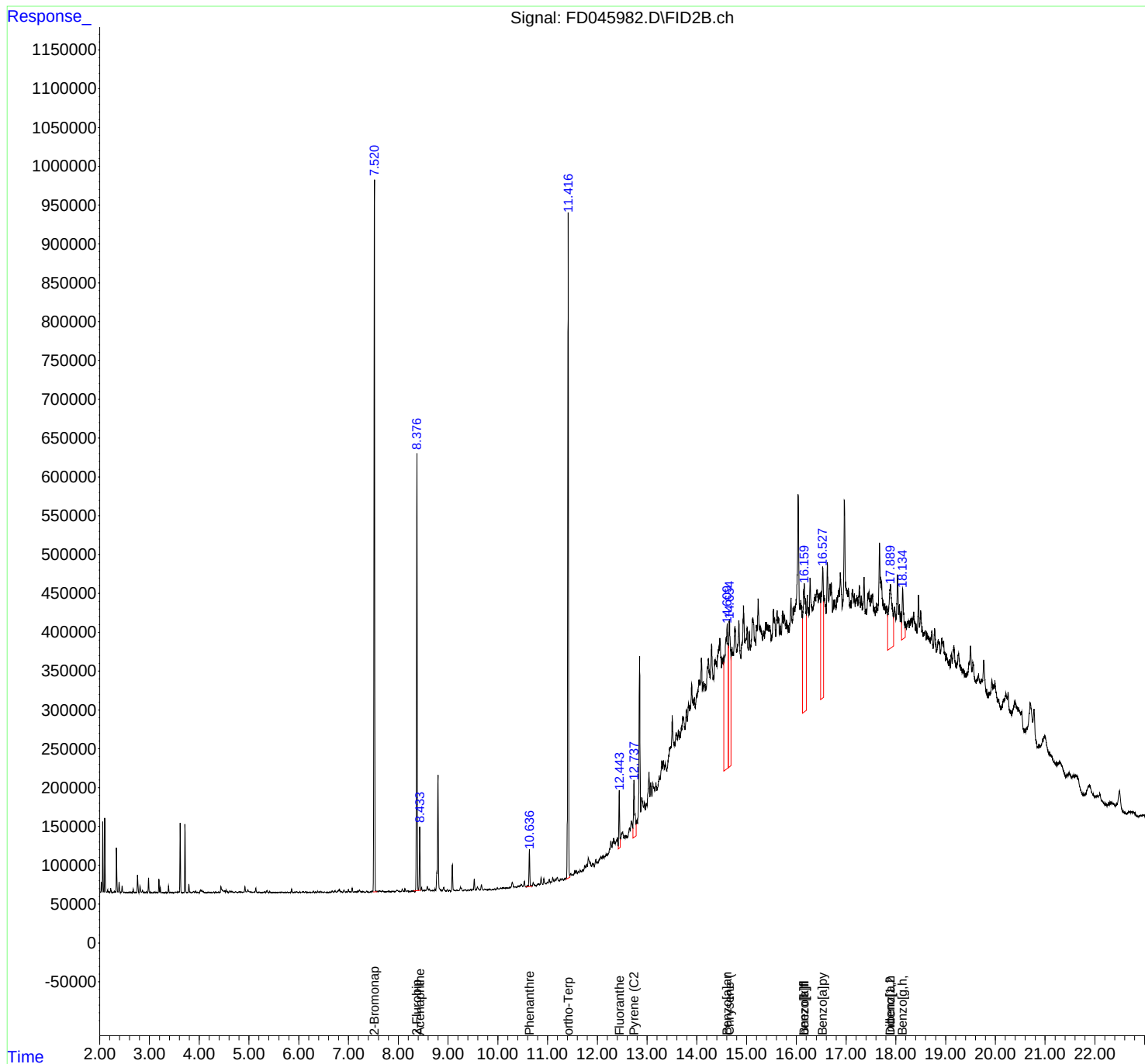
(m)=manual int.

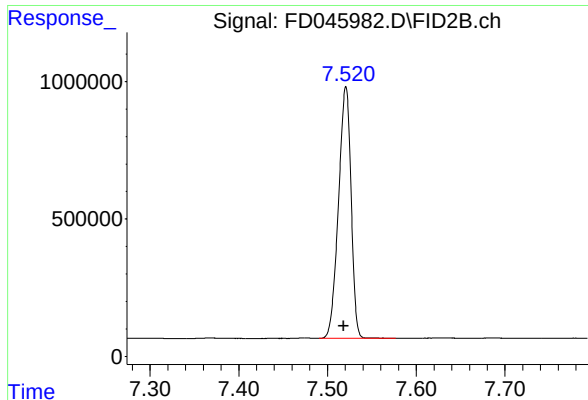
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Signal Info : 20M x 0.18mm x 0.18µm

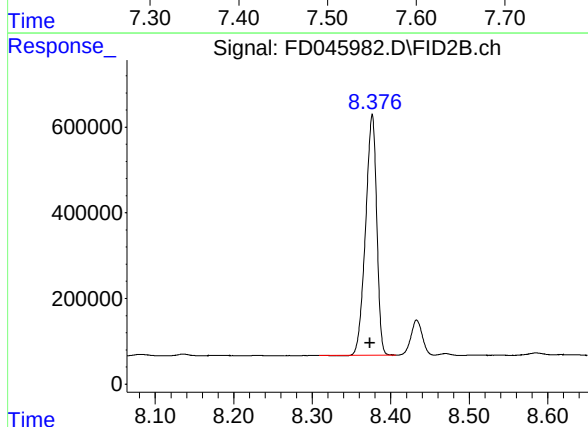




#4 2-Bromonaphthalene (SURR)

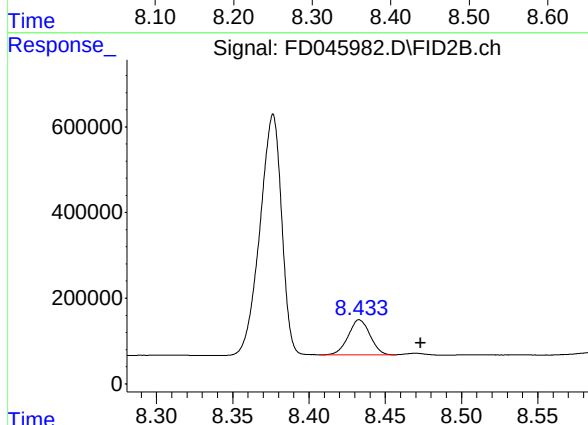
R.T.: 7.520 min
Delta R.T.: 0.002 min
Response: 9016603
Conc: 41.84 ug/ml

Instrument :
FID_D
ClientSampleId :



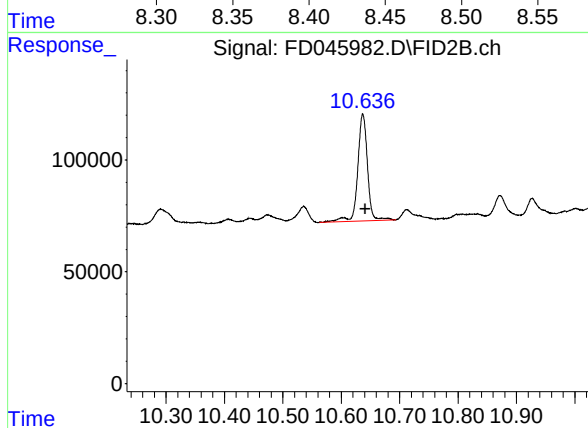
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min
Delta R.T.: 0.003 min
Response: 5540491
Conc: 40.03 ug/ml



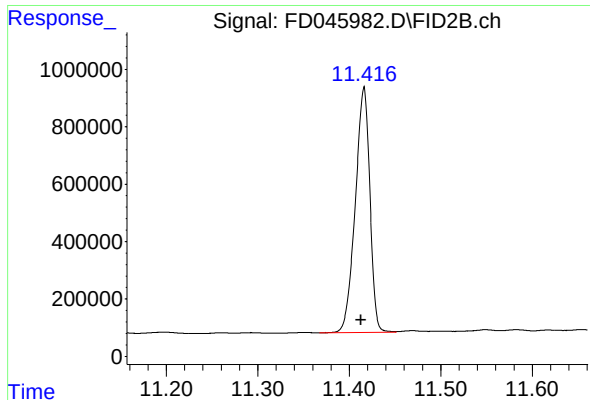
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: -0.040 min
Response: 814463
Conc: 3.46 ug/ml



#9 Phenanthrene (C19.36)

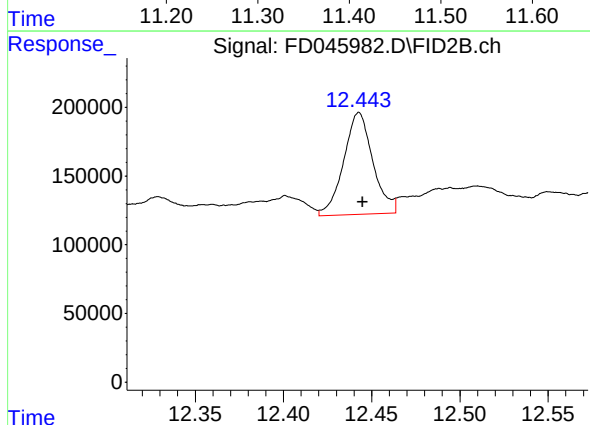
R.T.: 10.637 min
Delta R.T.: -0.004 min
Response: 558999
Conc: 2.62 ug/ml



#11 ortho-Terphenyl (SURR)

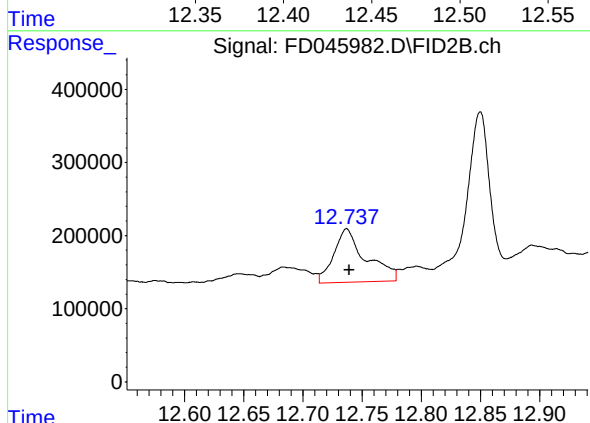
R.T.: 11.416 min
Delta R.T.: 0.003 min
Response: 9459635
Conc: 37.31 ug/ml

Instrument :
FID_D
ClientSampleId :



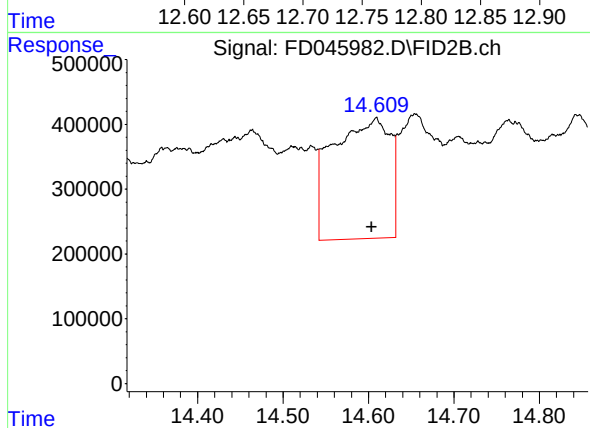
#12 Fluoranthene (C21.85)

R.T.: 12.443 min
Delta R.T.: -0.002 min
Response: 855253
Conc: 4.18 ug/ml



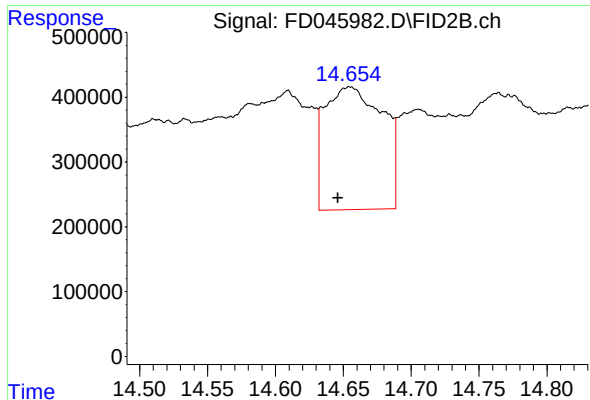
#13 Pyrene (C20.8)

R.T.: 12.737 min
Delta R.T.: -0.002 min
Response: 1384467
Conc: 7.12 ug/ml



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

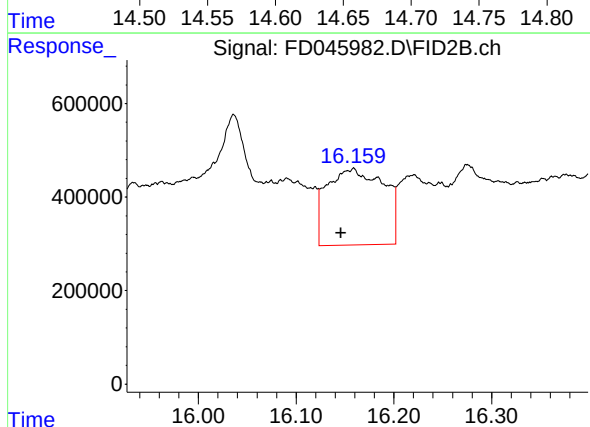
R.T.: 14.609 min
Delta R.T.: 0.005 min
Response: 8657956
Conc: 48.14 ug/ml



#15 Chrysene (C27.41)

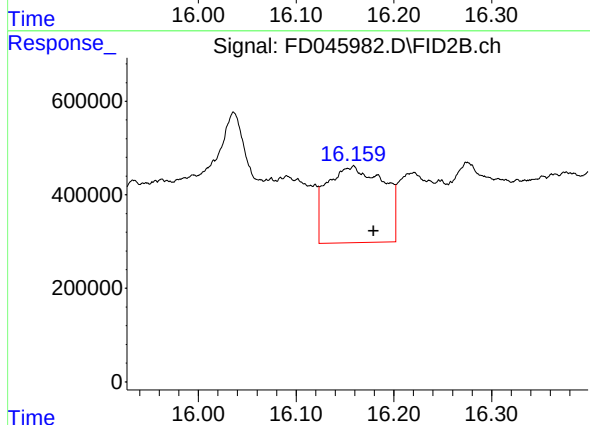
R.T.: 14.655 min
Delta R.T.: 0.008 min
Response: 5636180
Conc: 28.72 ug/ml

Instrument :
FID_D
ClientSampleId :



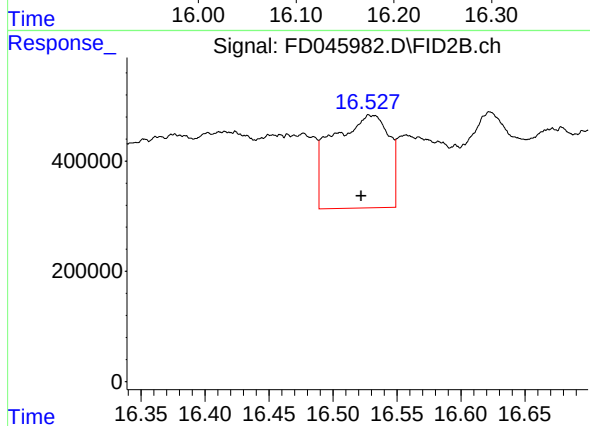
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.158 min
Delta R.T.: 0.012 min
Response: 6611954
Conc: 35.25 ug/ml



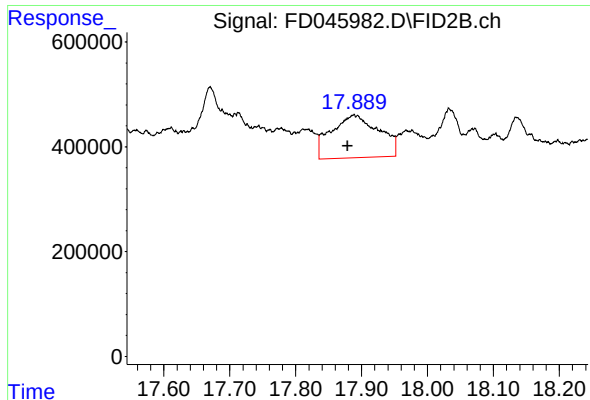
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.158 min
Delta R.T.: -0.022 min
Response: 6611954
Conc: 33.43 ug/ml



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

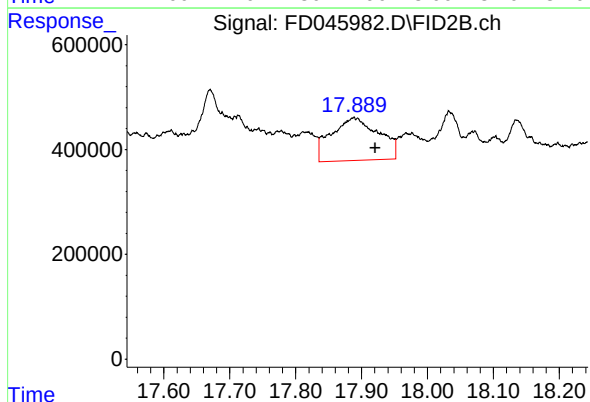
R.T.: 16.530 min
Delta R.T.: 0.008 min
Response: 5169825
Conc: 29.67 ug/ml



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

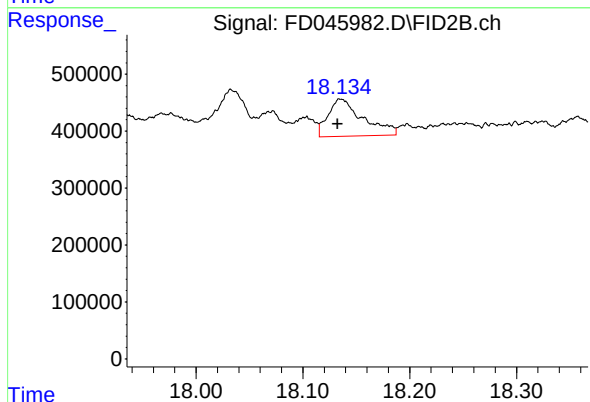
R.T.: 17.889 min
Delta R.T.: 0.010 min
Response: 4084600
Conc: 21.95 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.889 min
Delta R.T.: -0.032 min
Response: 4084600
Conc: 22.22 ug/ml



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

R.T.: 18.136 min
Delta R.T.: 0.003 min
Response: 1480025
Conc: 7.92 ug/ml