

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060723AR\
 Data File : FD045817.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2023 19:19
 Operator : YP/AJ
 Sample : 03046-07DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 23:55:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.528	1185087	6.573 ug/ml
Spiked Amount 50.000		Recovery =	13.15%
6) S 2-Fluorobiphenyl (SURR)	8.382	802171	6.672 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	13.34%
11) S ortho-Terphenyl (SURR)	11.422	1091676	4.887 ug/ml
Spiked Amount 50.000		Recovery =	9.77%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.214	179366	0.947 ug/ml
7) T Acenaphthene (C15.5)	8.486	123507	0.611 ug/ml
8) T Flouorene (C16.55)	9.303	99600	0.503 ug/ml
9) T Phenanthrene (C19.36)	10.651	746497	3.902 ug/ml
10) T Anthracene (C19.43)	10.724	465001	2.730 ug/ml
12) T Fluoranthene (C21.85)	12.450	792373	4.289 ug/ml
13) T Pyrene (C20.8)	12.744	2616246	14.649 ug/ml
14) T Benzo[a]anthracene (C...	14.607	4095503	26.158 ug/ml
15) T Chrysene (C27.41)	14.662	4252884	25.778 ug/ml
16) T benzo[b]fluoranthene ...	16.167	2103011	13.895 ug/ml
17) T Bnezo[k]fluoranthene ...	16.214	2093230	13.520 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	2535031	17.335 ug/ml

(f)=RT Delta > 1/2 Window

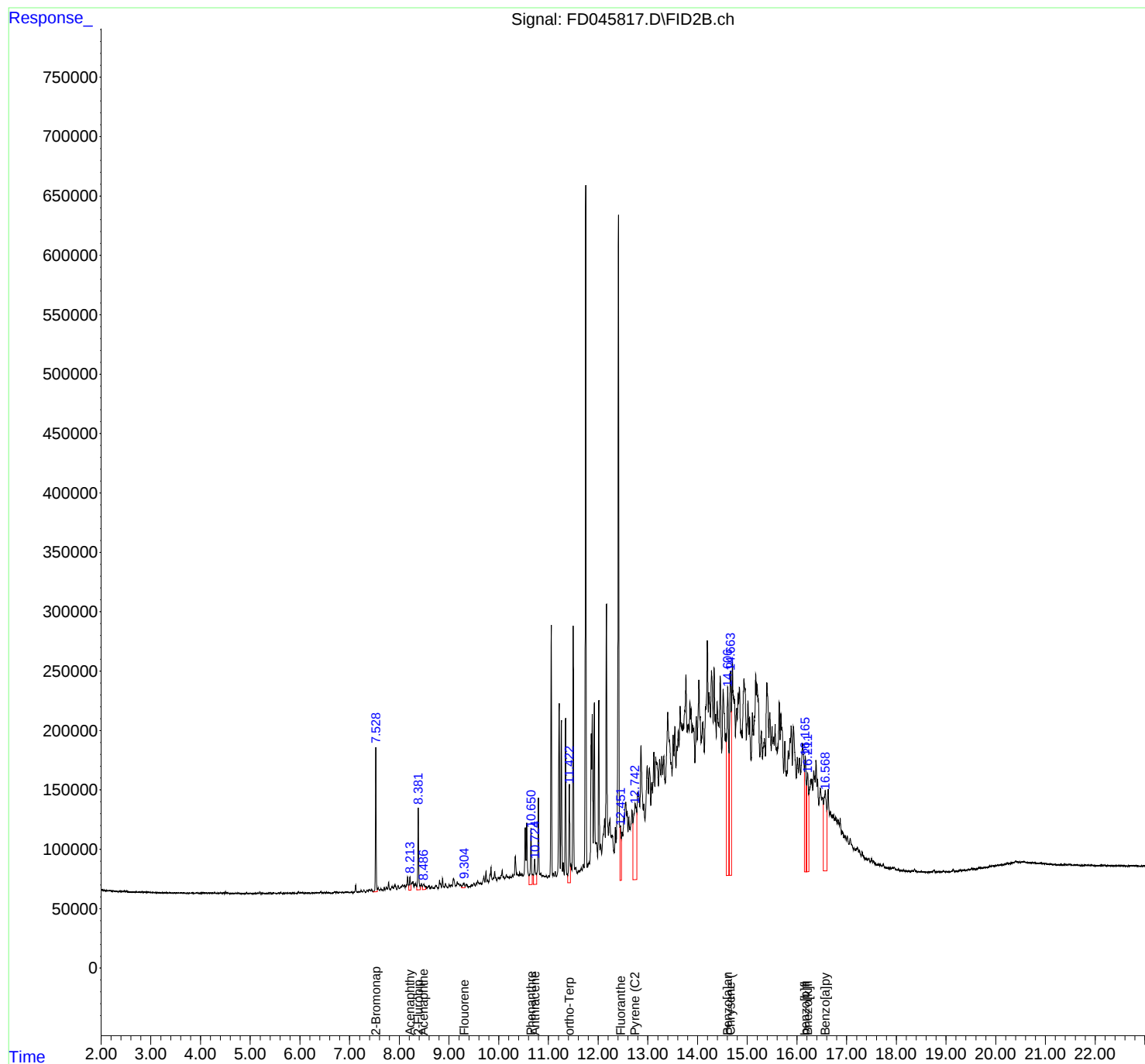
(m)=manual int.

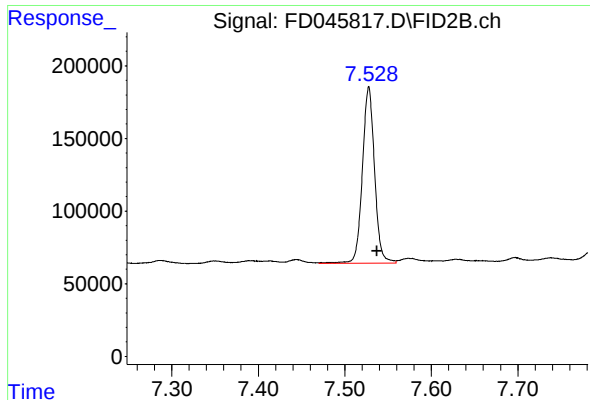
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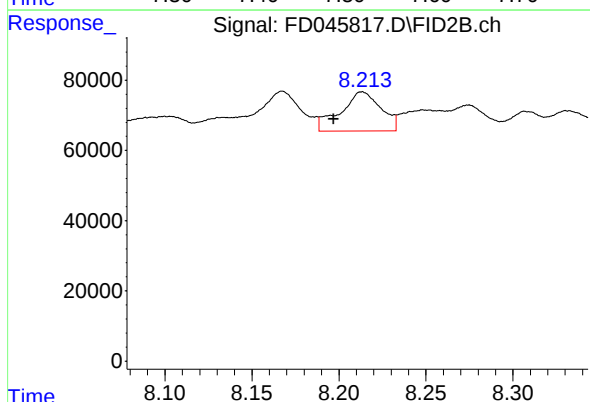




#4 2-Bromonaphthalene (SURR)

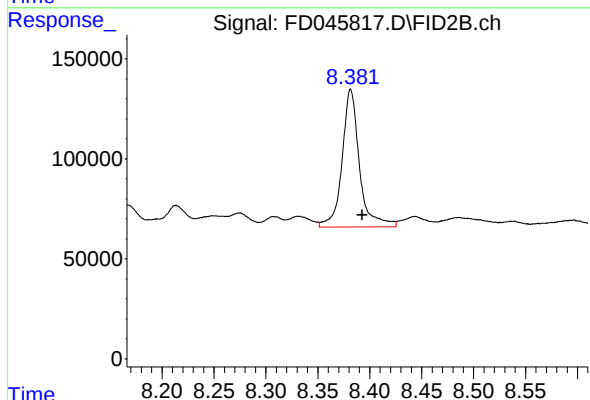
R.T.: 7.528 min
Delta R.T.: -0.010 min
Response: 1185087
Conc: 6.57 ug/ml

Instrument :
FID_D
ClientSampleId :



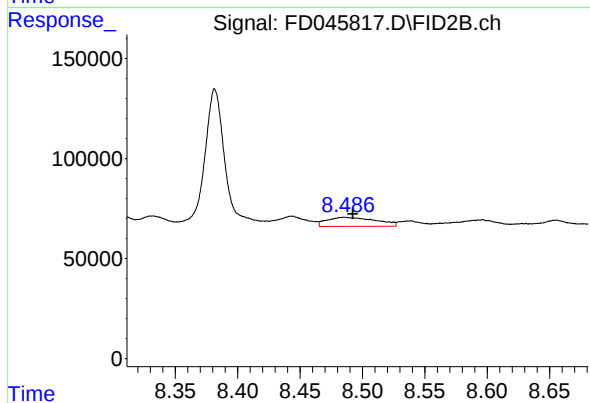
#5 Acenaphthylene (C15.06)

R.T.: 8.214 min
Delta R.T.: 0.017 min
Response: 179366
Conc: 0.95 ug/ml



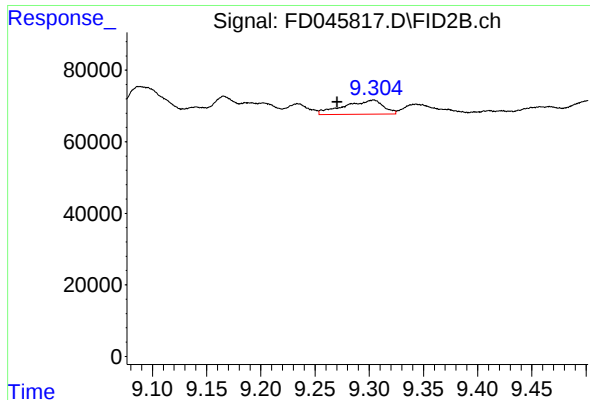
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.382 min
Delta R.T.: -0.011 min
Response: 802171
Conc: 6.67 ug/ml



#7 Acenaphthene (C15.5)

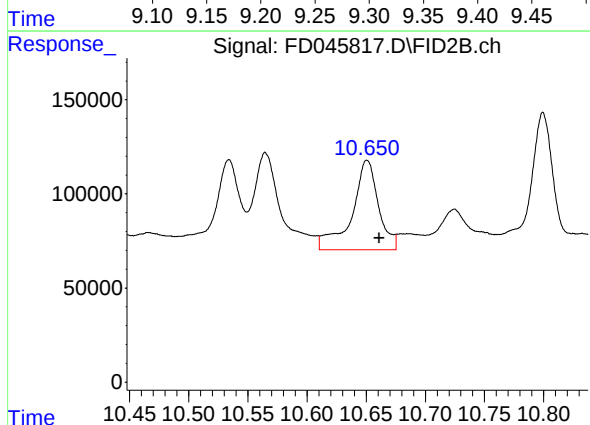
R.T.: 8.486 min
Delta R.T.: -0.007 min
Response: 123507
Conc: 0.61 ug/ml



#8 Flouorene (C16.55)

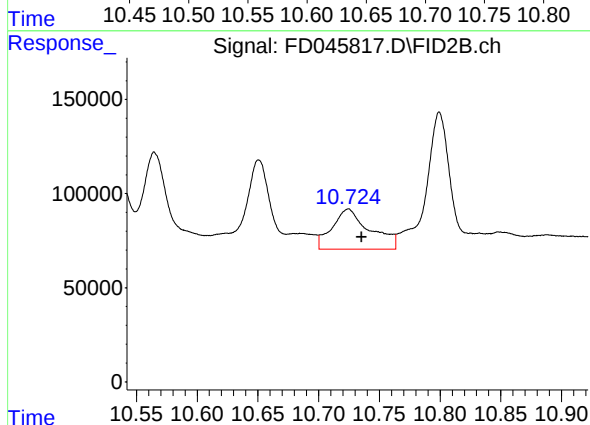
R.T.: 9.303 min
Delta R.T.: 0.033 min
Response: 99600
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



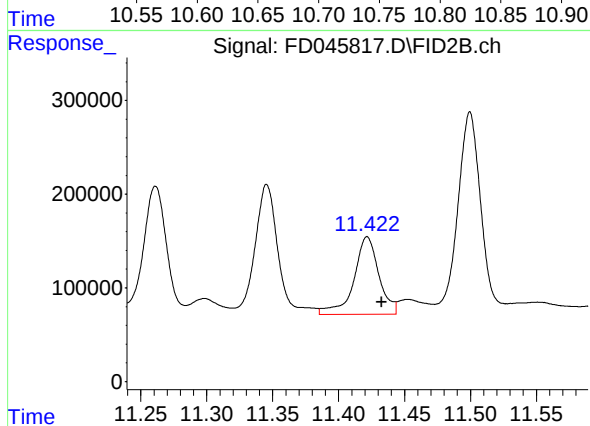
#9 Phenanthrene (C19.36)

R.T.: 10.651 min
Delta R.T.: -0.010 min
Response: 746497
Conc: 3.90 ug/ml



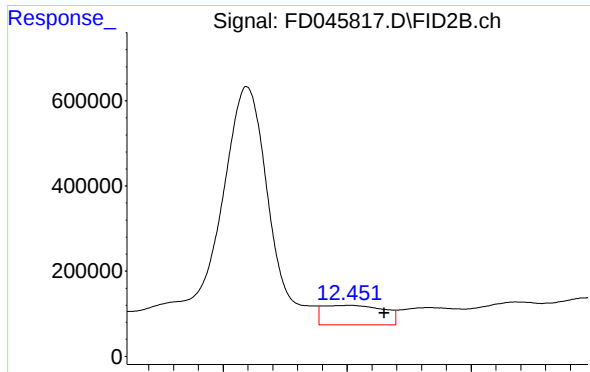
#10 Anthracene (C19.43)

R.T.: 10.724 min
Delta R.T.: -0.011 min
Response: 465001
Conc: 2.73 ug/ml



#11 ortho-Terphenyl (SURR)

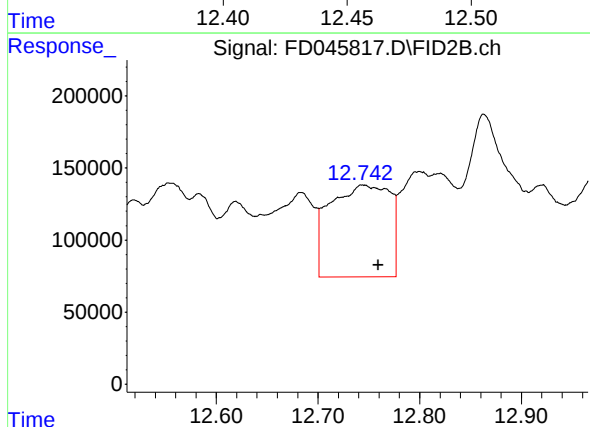
R.T.: 11.422 min
Delta R.T.: -0.011 min
Response: 1091676
Conc: 4.89 ug/ml



#12 Fluoranthene (C21.85)

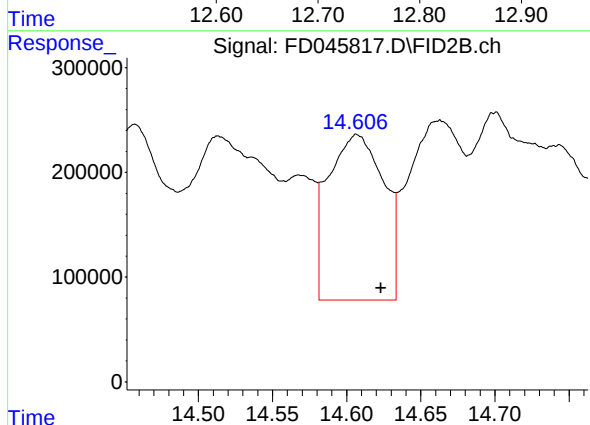
R.T.: 12.450 min
Delta R.T.: -0.015 min
Response: 792373
Conc: 4.29 ug/ml

Instrument :
FID_D
ClientSampleId :



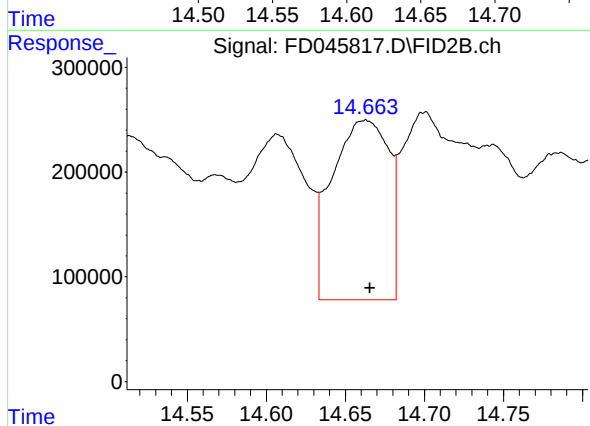
#13 Pyrene (C20.8)

R.T.: 12.744 min
Delta R.T.: -0.015 min
Response: 2616246
Conc: 14.65 ug/ml



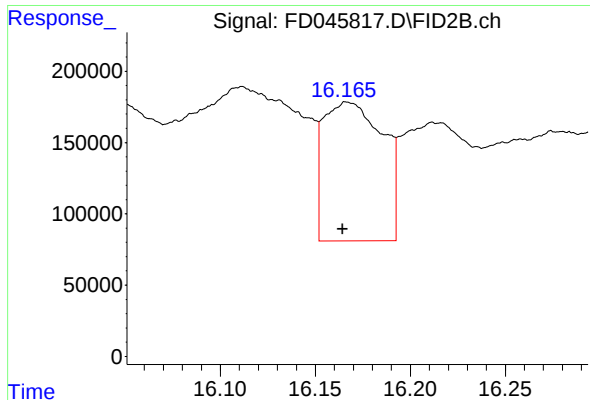
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.607 min
Delta R.T.: -0.016 min
Response: 4095503
Conc: 26.16 ug/ml



#15 Chrysene (C27.41)

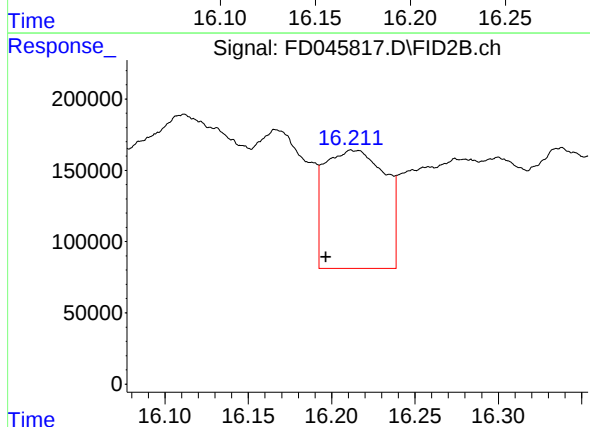
R.T.: 14.662 min
Delta R.T.: -0.003 min
Response: 4252884
Conc: 25.78 ug/ml



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

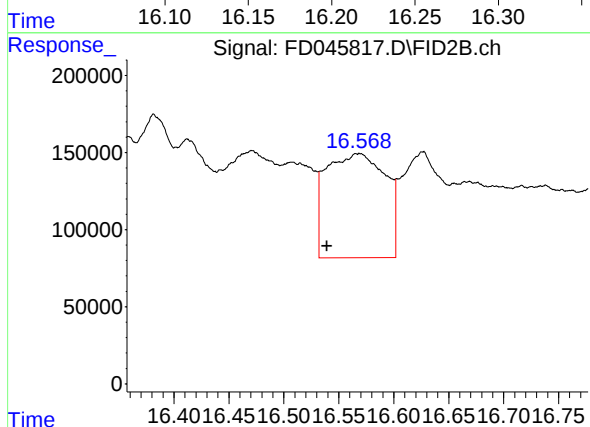
R.T.: 16.167 min
Delta R.T.: 0.003 min
Response: 2103011
Conc: 13.90 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 16.214 min
Delta R.T.: 0.017 min
Response: 2093230
Conc: 13.52 ug/ml



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

R.T.: 16.568 min
Delta R.T.: 0.029 min
Response: 2535031
Conc: 17.33 ug/ml