

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039912.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 11:07
 Operator : AJ\MA
 Sample : M5051-03
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 12:21:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	6.915	6201549	43.619 ug/ml
Spiked Amount 50.000		Recovery =	87.24%
6) S 2-Fluorobiphenyl (SURR)	7.771	5682861	57.844 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.69%
11) S ortho-Terphenyl (SURR)	10.836	1158976	7.613 ug/ml
Spiked Amount 50.000		Recovery =	15.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.773	70167	0.463 ug/ml
2) T Naphthalene (C11.7)	5.287	152084	0.946 ug/ml
3) T 2-Methylnaphthalene (...)	6.301	304419	1.874 ug/ml
5) T Acenaphthylene (C15.06)	7.570	305266	2.041 ug/ml
7) T Acenaphthene (C15.5)	7.913	75711	0.477 ug/ml
8) T Fluorene (C16.55)	8.667	52620	0.334 ug/ml
9) T Phenanthrene (C19.36)	10.109	573691	3.697 ug/ml
10) T Anthracene (C19.43)	10.162	26536	0.178 ug/ml
12) T Fluoranthene (C21.85)	11.850	5514573	36.053 ug/ml
13) T Pyrene (C20.8)	12.181	1131502	7.591 ug/ml
14) T Benzo[a]anthracene (C...	14.053	2597031	19.248 ug/ml
15) T Chrysene (C27.41)	14.102	195612	1.391 ug/ml
16) T benzo[b]fluoranthene ...	15.592	903118	6.732 ug/ml
17) T Bnezo[k]fluoranthene ...	15.621	81715	0.604 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.941	1831213	14.123 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.358	275534	2.250 ug/ml
20) T Dibenz[a,h]anthracene...	17.395	251556	2.052 ug/ml
21) T Benzo[g,h,i]perylene ...	17.610	99324	0.795 ug/ml

(f)=RT Delta > 1/2 Window

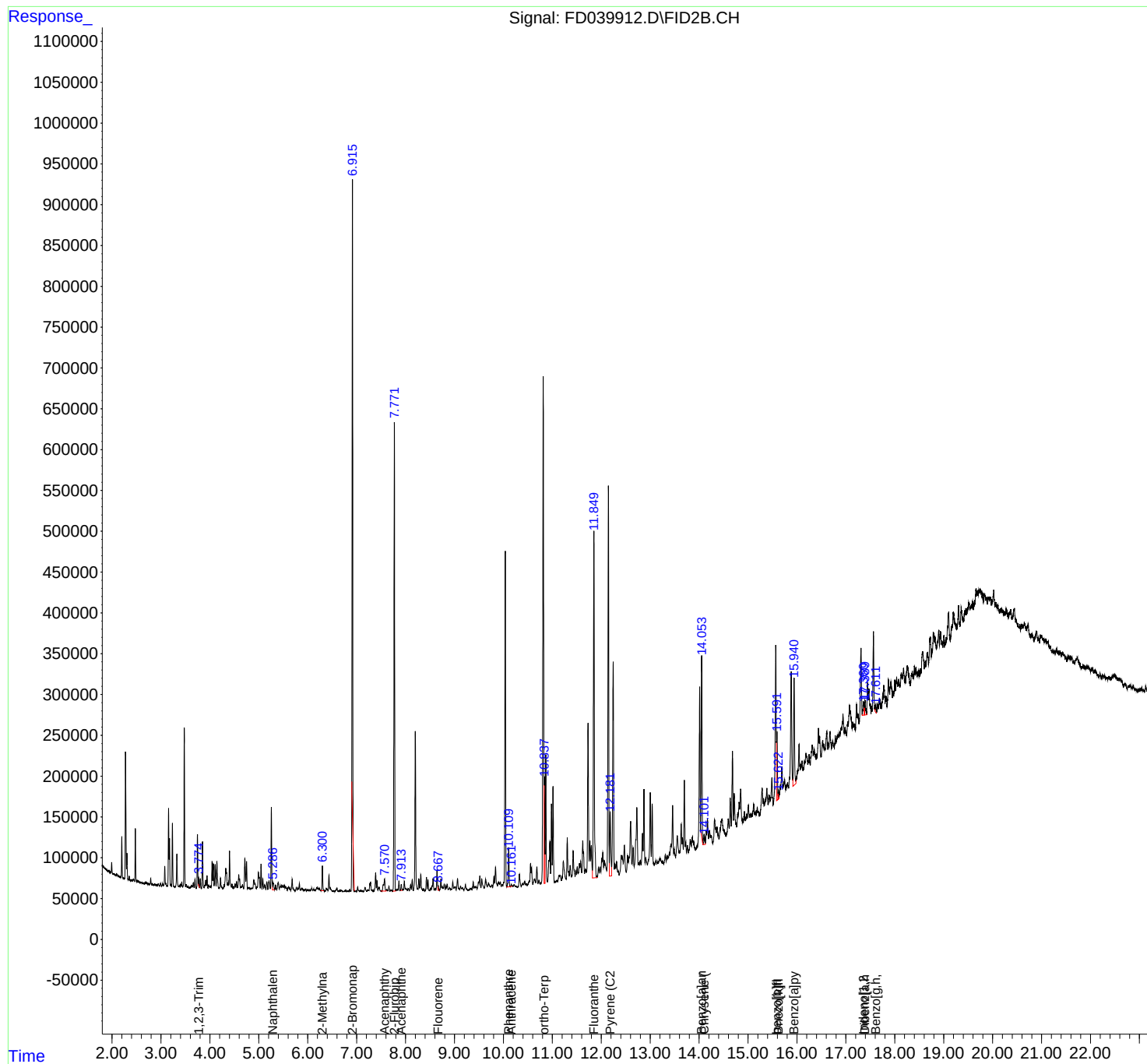
(m)=manual int.

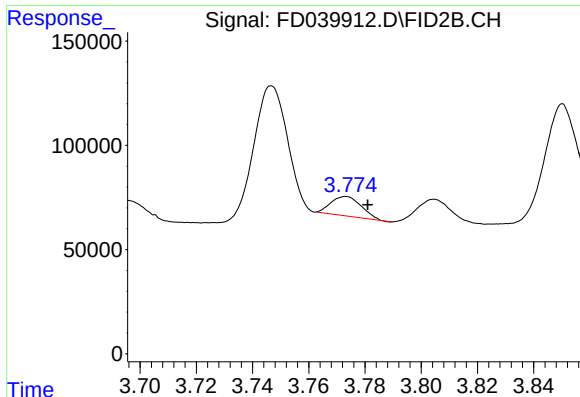
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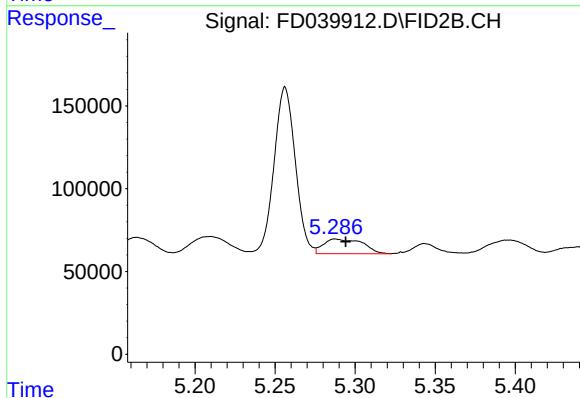




#1 1,2,3-Trimethylbenzene (C10.1)

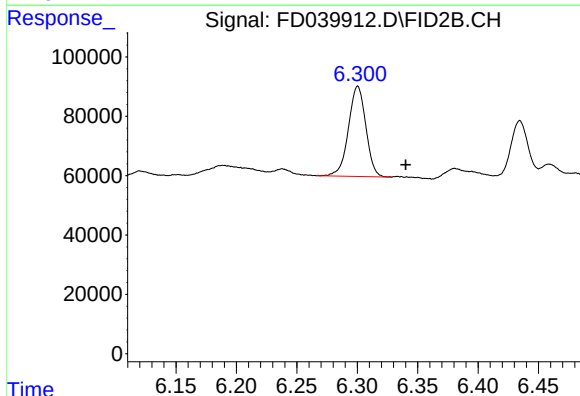
R.T.: 3.773 min
Delta R.T.: -0.008 min
Response: 70167
Conc: 0.46 ug/ml

Instrument :
FID_D
ClientSampleId :



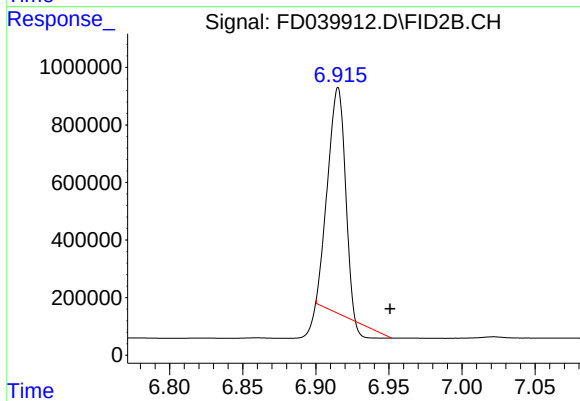
#2 Naphthalene (C11.7)

R.T.: 5.287 min
Delta R.T.: -0.007 min
Response: 152084
Conc: 0.95 ug/ml



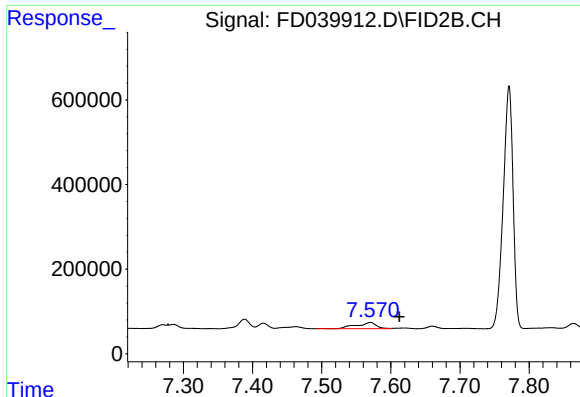
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.301 min
Delta R.T.: -0.040 min
Response: 304419
Conc: 1.87 ug/ml



#4 2-Bromonaphthalene (SURR)

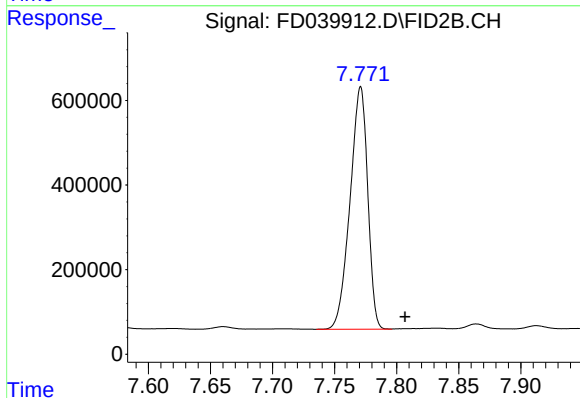
R.T.: 6.915 min
Delta R.T.: -0.036 min
Response: 6201549
Conc: 43.62 ug/ml



#5 Acenaphthylene (C15.06)

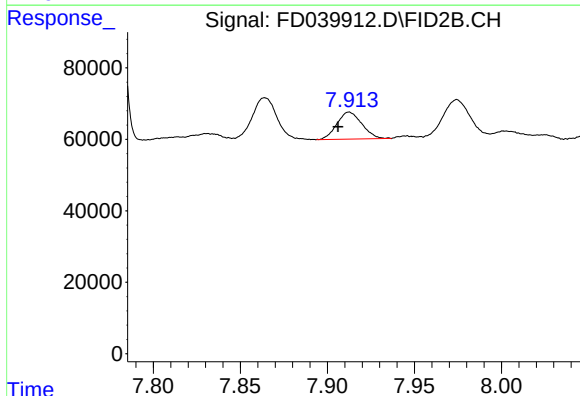
R.T.: 7.570 min
Delta R.T.: -0.042 min
Response: 305266
Conc: 2.04 ug/ml

Instrument :
FID_D
ClientSampleId :



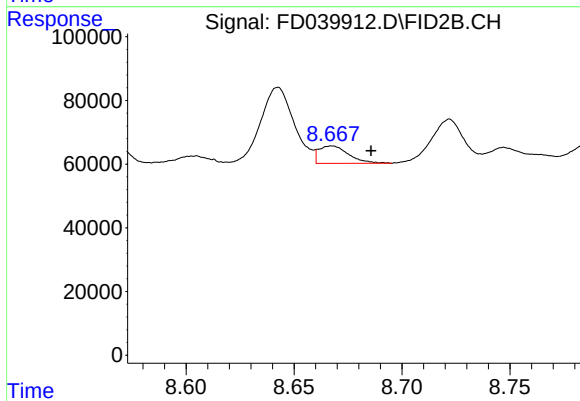
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.771 min
Delta R.T.: -0.036 min
Response: 5682861
Conc: 57.84 ug/ml



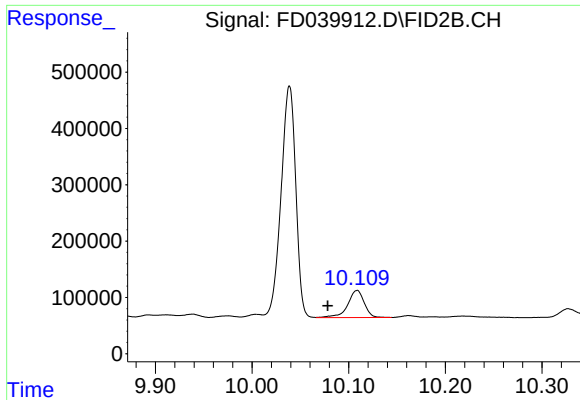
#7 Acenaphthene (C15.5)

R.T.: 7.913 min
Delta R.T.: 0.006 min
Response: 75711
Conc: 0.48 ug/ml



#8 Fluorene (C16.55)

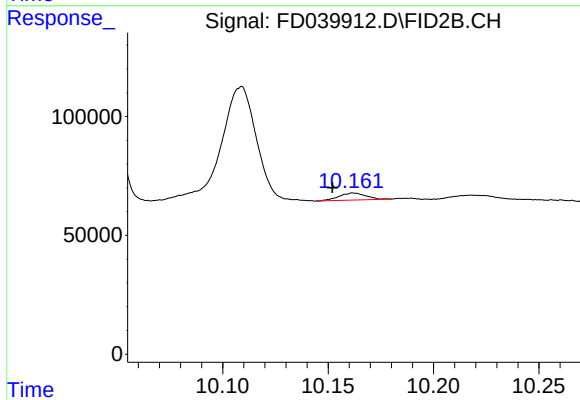
R.T.: 8.667 min
Delta R.T.: -0.018 min
Response: 52620
Conc: 0.33 ug/ml



#9 Phenanthrene (C19.36)

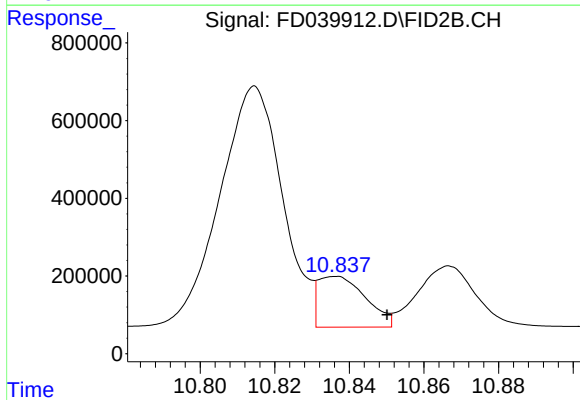
R.T.: 10.109 min
Delta R.T.: 0.030 min
Response: 573691
Conc: 3.70 ug/ml

Instrument :
FID_D
ClientSampleId :



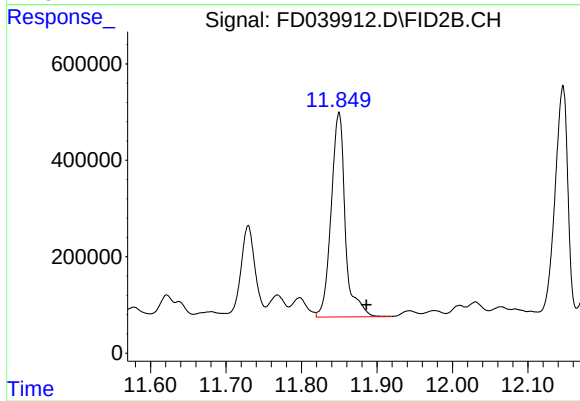
#10 Anthracene (C19.43)

R.T.: 10.162 min
Delta R.T.: 0.010 min
Response: 26536
Conc: 0.18 ug/ml



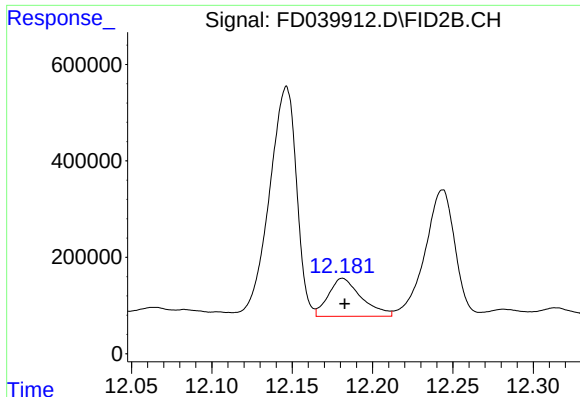
#11 ortho-Terphenyl (SURR)

R.T.: 10.836 min
Delta R.T.: -0.014 min
Response: 1158976
Conc: 7.61 ug/ml



#12 Fluoranthene (C21.85)

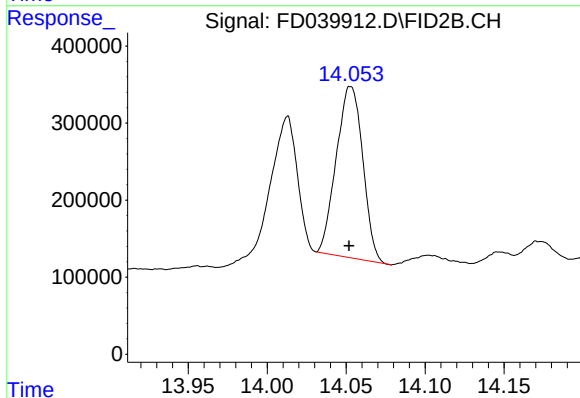
R.T.: 11.850 min
Delta R.T.: -0.037 min
Response: 5514573
Conc: 36.05 ug/ml



#13 Pyrene (C20.8)

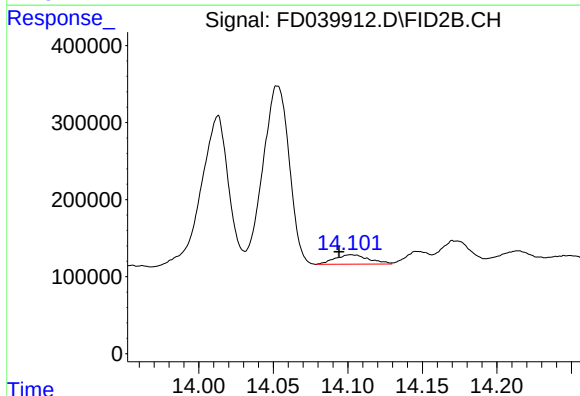
R.T.: 12.181 min
Delta R.T.: -0.001 min
Response: 1131502
Conc: 7.59 ug/ml

Instrument :
FID_D
ClientSampleId :



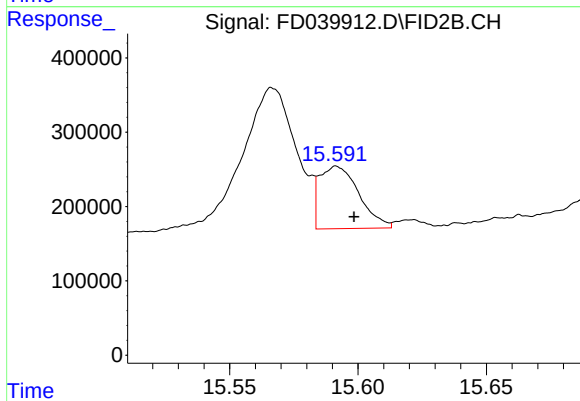
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.053 min
Delta R.T.: 0.001 min
Response: 2597031
Conc: 19.25 ug/ml



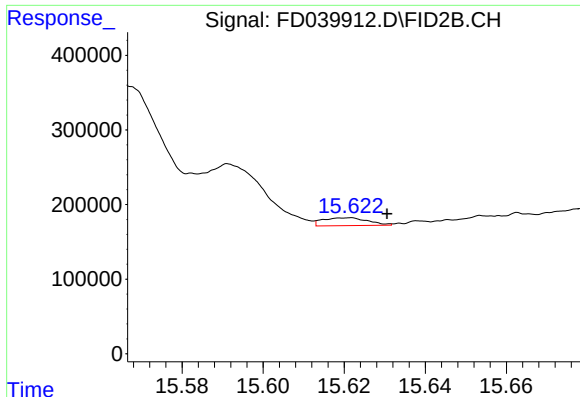
#15 Chrysene (C27.41)

R.T.: 14.102 min
Delta R.T.: 0.008 min
Response: 195612
Conc: 1.39 ug/ml



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

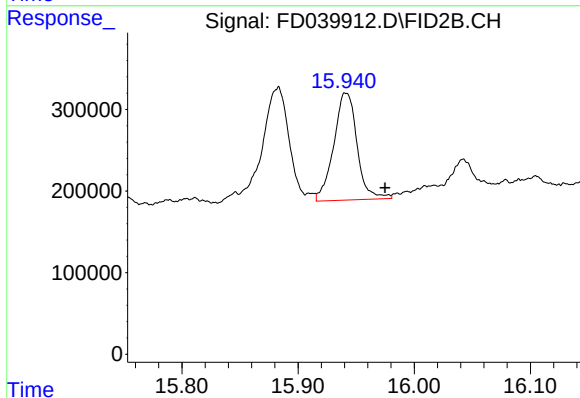
R.T.: 15.592 min
Delta R.T.: -0.007 min
Response: 903118
Conc: 6.73 ug/ml



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

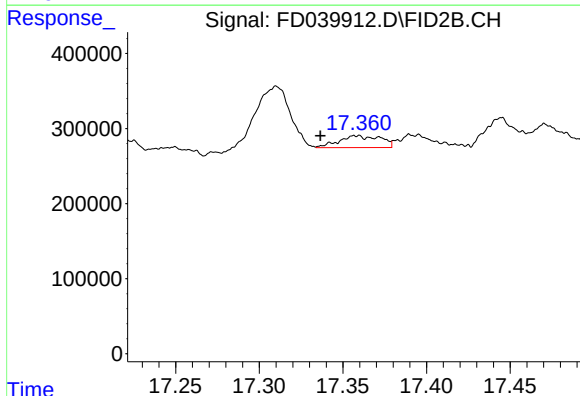
R.T.: 15.621 min
Delta R.T.: -0.010 min
Response: 81715
Conc: 0.60 ug/ml

Instrument :
FID_D
ClientSampleId :



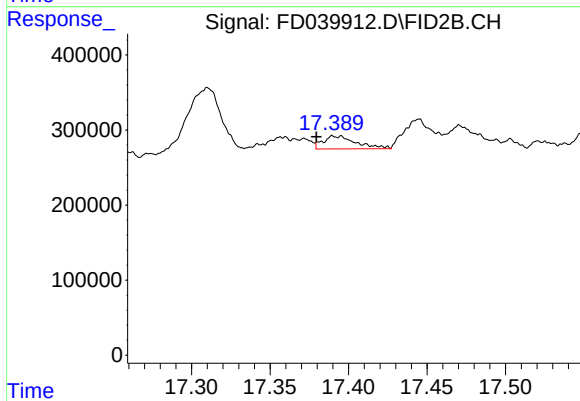
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.941 min
Delta R.T.: -0.034 min
Response: 1831213
Conc: 14.12 ug/ml



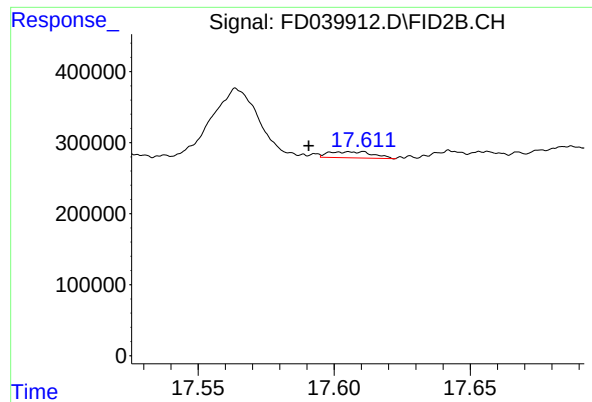
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.358 min
Delta R.T.: 0.022 min
Response: 275534
Conc: 2.25 ug/ml



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

R.T.: 17.395 min
Delta R.T.: 0.016 min
Response: 251556
Conc: 2.05 ug/ml



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

R.T.: 17.610 min
Delta R.T.: 0.020 min
Response: 99324
Conc: 0.80 ug/ml

Instrument :
FID_D
ClientSampleId :