

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039910.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 10:00
 Operator : AJ\MA
 Sample : M5051-04
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 10:44:46 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...	6.916	5480033	38.544 ug/ml
Spiked Amount 50.000		Recovery =	77.09%
6) S 2-Fluorobiphenyl (SURR)	7.770	4870675	49.577 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.15%
11) S ortho-Terphenyl (SURR)	10.864	550472	3.616 ug/ml
Spiked Amount 50.000		Recovery =	7.23%
Target Compounds			
2) T Naphthalene (C11.7)	5.258	122435	0.762 ug/ml
3) T 2-Methylnaphthalene (...)	6.300	65988	0.406 ug/ml
5) T Acenaphthylene (C15.06)	7.571	103973	0.695 ug/ml
7) T Acenaphthene (C15.5)	7.865	49666	0.313 ug/ml
8) T Fluorene (C16.55)	8.723	38320	0.244 ug/ml
9) T Phenanthrene (C19.36)	10.107	215272	1.387 ug/ml
10) T Anthracene (C19.43)	10.107	215272	1.442 ug/ml
12) T Fluoranthene (C21.85)	11.843	1773452	11.595 ug/ml
13) T Pyrene (C20.8)	12.194	93227	0.625 ug/ml
14) T Benzo[a]anthracene (C...	14.045	236851	1.755 ug/ml
15) T Chrysene (C27.41)	14.045	236851	1.684 ug/ml
16) T benzo[b]fluoranthene ...	15.579	334833	2.496 ug/ml
17) T Bnezo[k]fluoranthene ...	15.679	154556	1.142 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.926	701040	5.407 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.333	94754	0.774 ug/ml
20) T Dibenz[a,h]anthracene...	17.367	153018	1.248 ug/ml
21) T Benzo[g,h,i]perylene ...	17.537f	318459	2.549 ug/ml

(f)=RT Delta > 1/2 Window

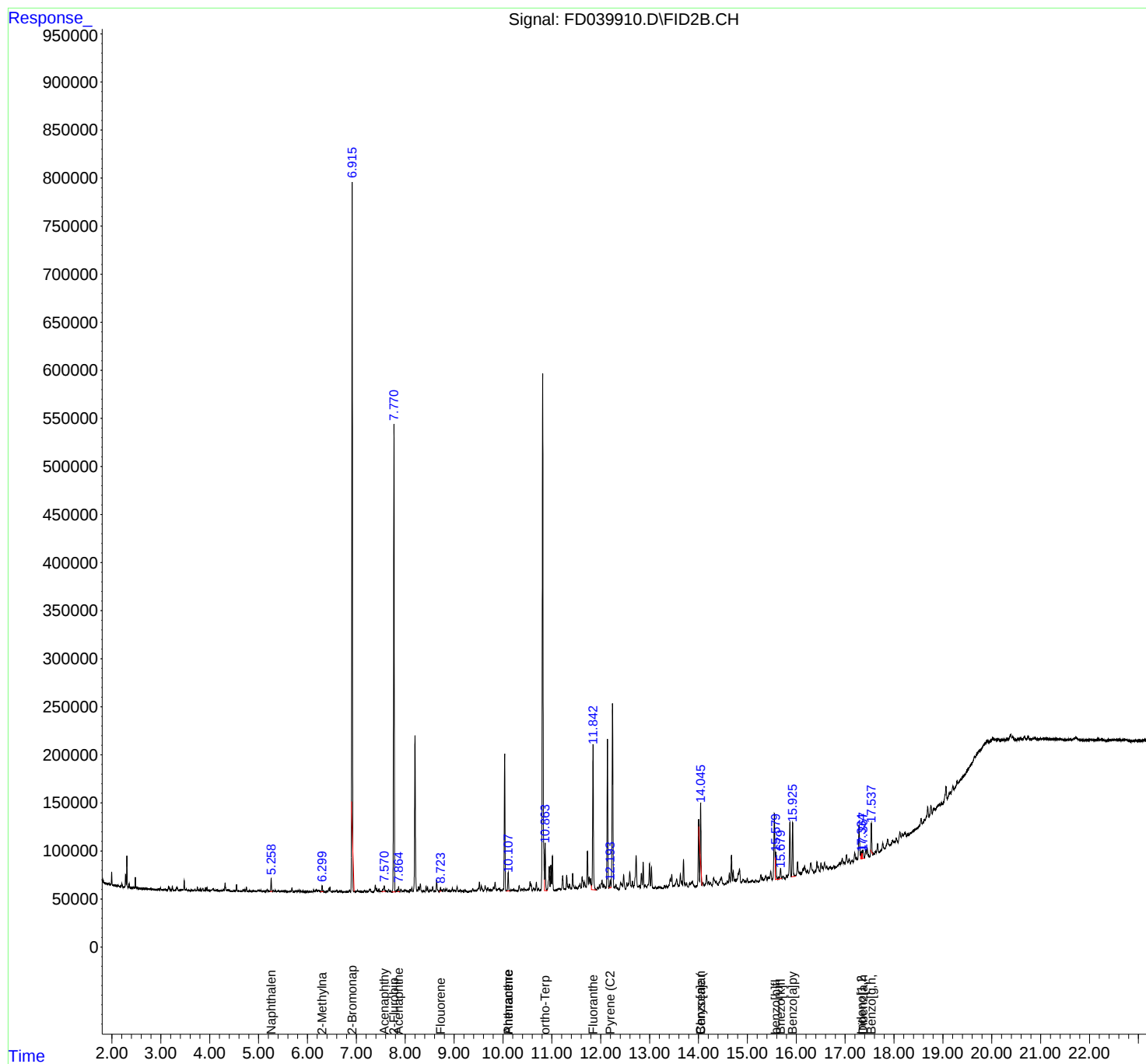
(m)=manual int.

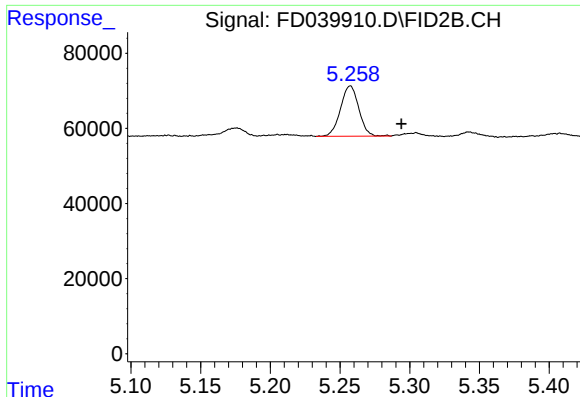
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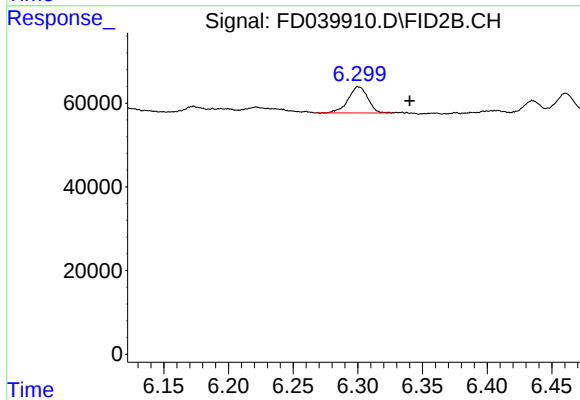




#2 Naphthalene (C11.7)

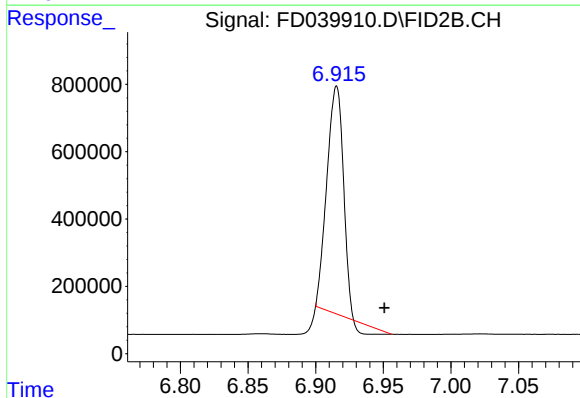
R.T.: 5.258 min
Delta R.T.: -0.037 min
Response: 122435
Conc: 0.76 ug/ml

Instrument :
FID_D
ClientSampleId :



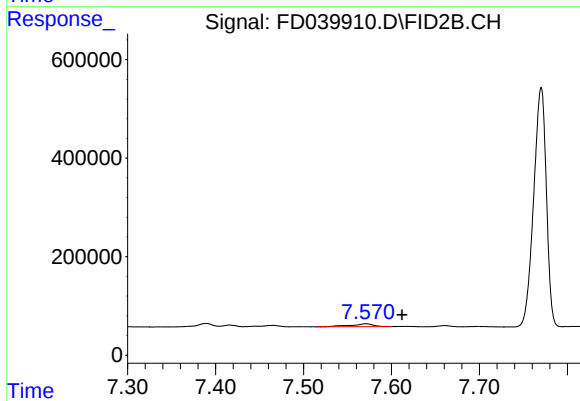
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.300 min
Delta R.T.: -0.040 min
Response: 65988
Conc: 0.41 ug/ml



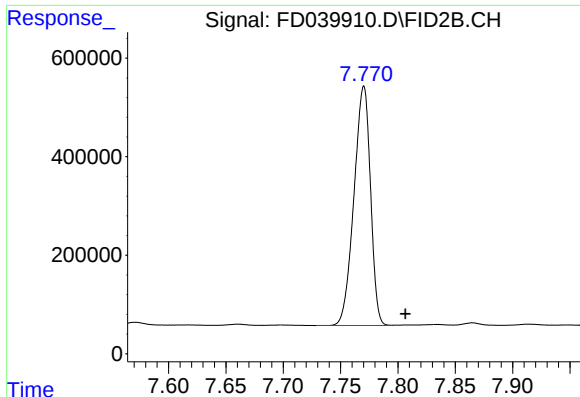
#4 2-Bromonaphthalene (SURR)

R.T.: 6.916 min
Delta R.T.: -0.035 min
Response: 5480033
Conc: 38.54 ug/ml



#5 Acenaphthylene (C15.06)

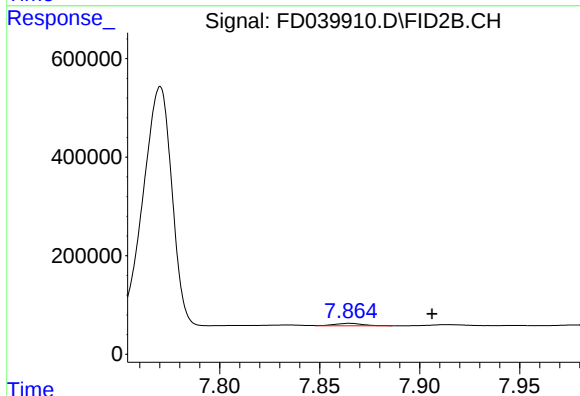
R.T.: 7.571 min
Delta R.T.: -0.041 min
Response: 103973
Conc: 0.70 ug/ml



#6 2-Fluorobiphenyl (SURR)

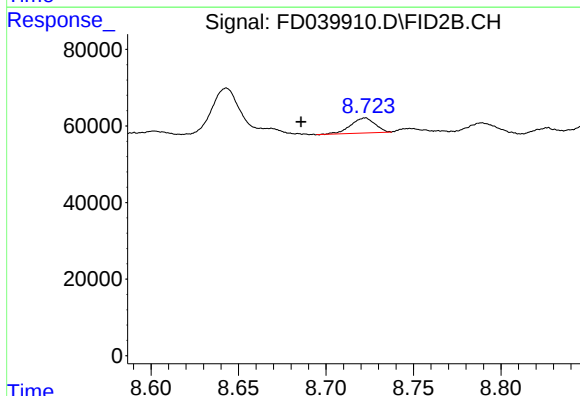
R.T.: 7.770 min
Delta R.T.: -0.036 min
Response: 4870675
Conc: 49.58 ug/ml

Instrument :
FID_D
ClientSampleId :



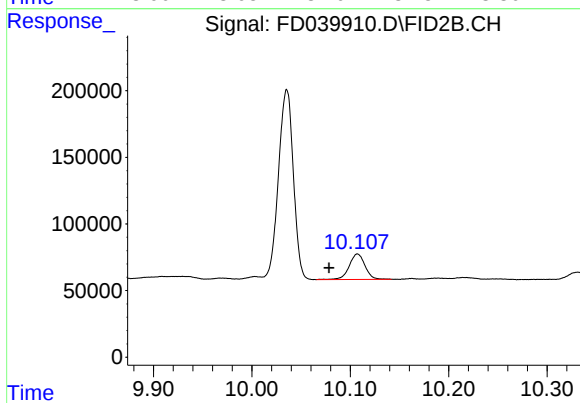
#7 Acenaphthene (C15.5)

R.T.: 7.865 min
Delta R.T.: -0.042 min
Response: 49666
Conc: 0.31 ug/ml



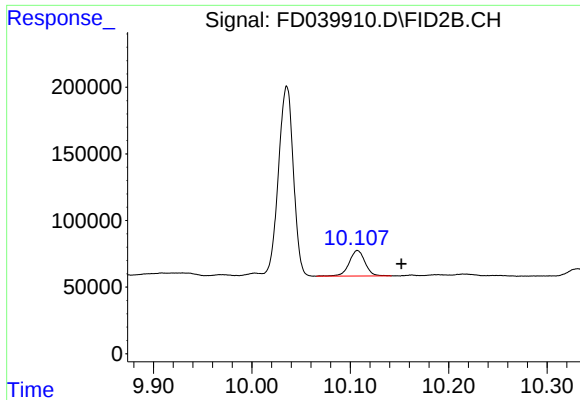
#8 Flouorene (C16.55)

R.T.: 8.723 min
Delta R.T.: 0.037 min
Response: 38320
Conc: 0.24 ug/ml



#9 Phenanthrene (C19.36)

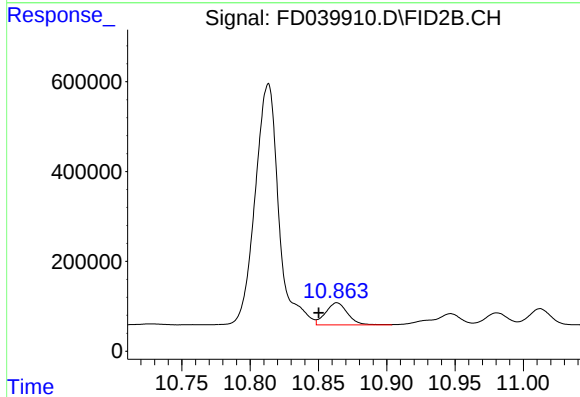
R.T.: 10.107 min
Delta R.T.: 0.029 min
Response: 215272
Conc: 1.39 ug/ml



#10 Anthracene (C19.43)

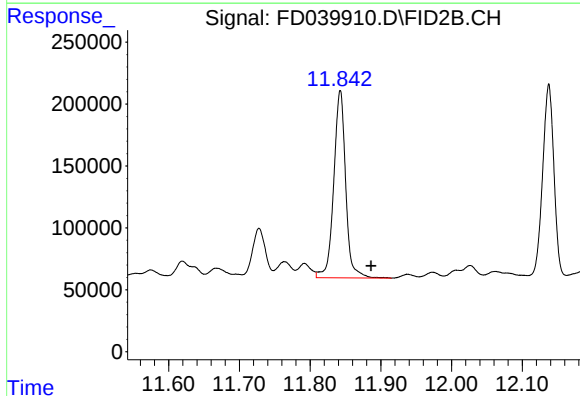
R.T.: 10.107 min
Delta R.T.: -0.045 min
Response: 215272
Conc: 1.44 ug/ml

Instrument :
FID_D
ClientSampleId :



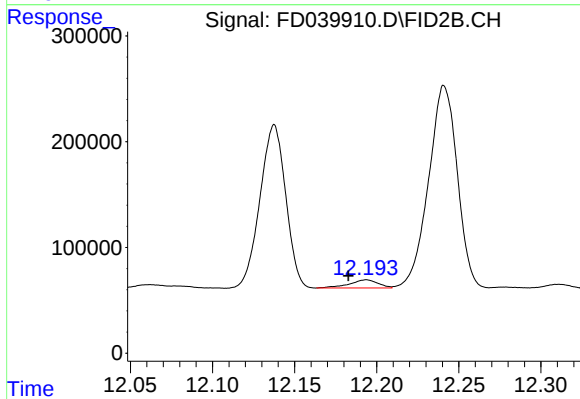
#11 ortho-Terphenyl (SURR)

R.T.: 10.864 min
Delta R.T.: 0.013 min
Response: 550472
Conc: 3.62 ug/ml



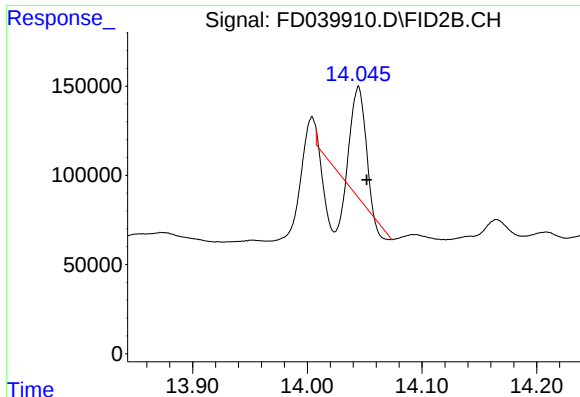
#12 Fluoranthene (C21.85)

R.T.: 11.843 min
Delta R.T.: -0.043 min
Response: 1773452
Conc: 11.59 ug/ml



#13 Pyrene (C20.8)

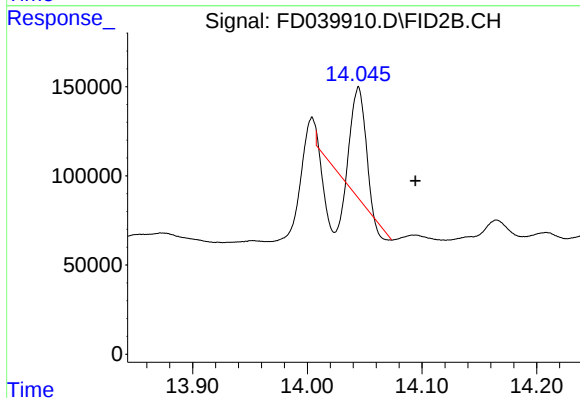
R.T.: 12.194 min
Delta R.T.: 0.011 min
Response: 93227
Conc: 0.63 ug/ml



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

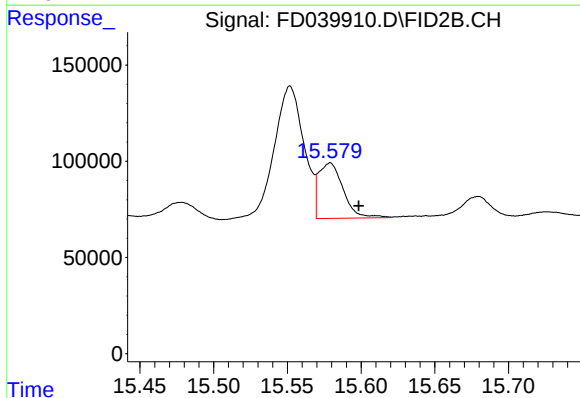
R.T.: 14.045 min
Delta R.T.: -0.007 min
Response: 236851
Conc: 1.76 ug/ml

Instrument :
FID_D
ClientSampleId :



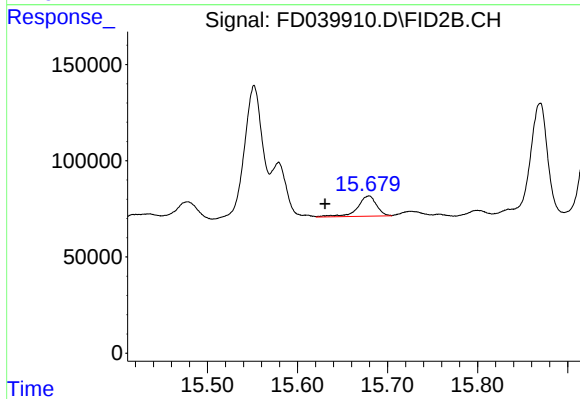
#15 Chrysene (C27.41)

R.T.: 14.045 min
Delta R.T.: -0.050 min
Response: 236851
Conc: 1.68 ug/ml



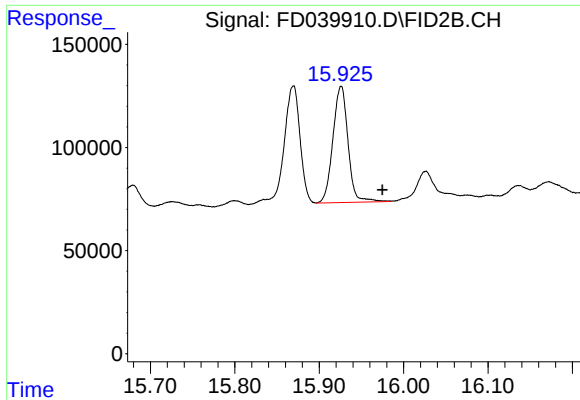
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.579 min
Delta R.T.: -0.020 min
Response: 334833
Conc: 2.50 ug/ml



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

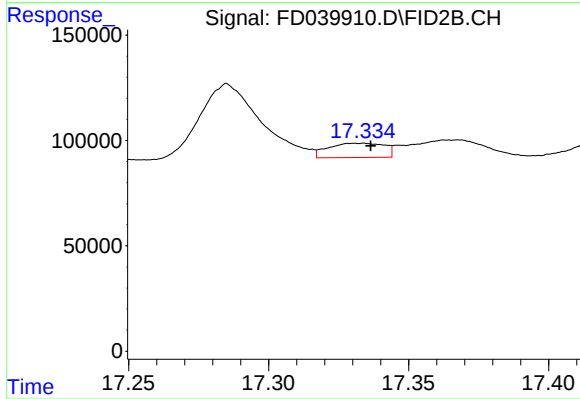
R.T.: 15.679 min
Delta R.T.: 0.049 min
Response: 154556
Conc: 1.14 ug/ml



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

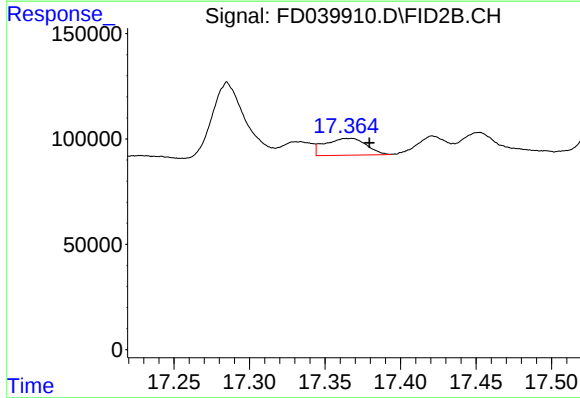
R.T.: 15.926 min
Delta R.T.: -0.049 min
Response: 701040
Conc: 5.41 ug/ml

Instrument :
FID_D
ClientSampleId :



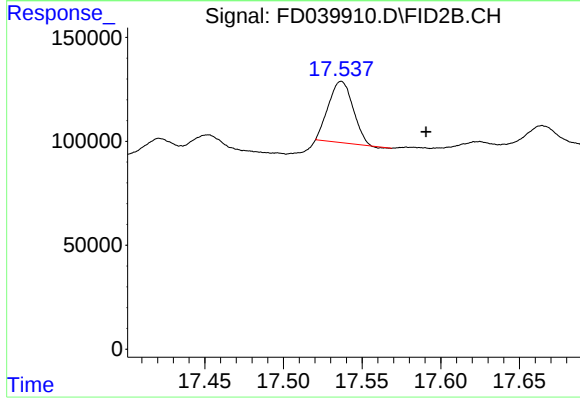
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.333 min
Delta R.T.: -0.003 min
Response: 94754
Conc: 0.77 ug/ml



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

R.T.: 17.367 min
Delta R.T.: -0.012 min
Response: 153018
Conc: 1.25 ug/ml



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

R.T.: 17.537 min
Delta R.T.: -0.054 min
Response: 318459
Conc: 2.55 ug/ml