

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021722AR\
 Data File : FD041176.D
 Signal(s) : FID2B.CH
 Acq On : 17 Feb 2022 15:05
 Operator : YP\AJ
 Sample : N1556-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 18 01:09:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 2022
 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...	7.353	836740	39.583 ug/ml
Spiked Amount 50.000		Recovery =	79.17%
6) S 2-Fluorobiphenyl (SURR)	8.201	552374	43.110 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.22%
11) S ortho-Terphenyl (SURR)	11.233	884681	30.488 ug/ml
Spiked Amount 50.000		Recovery =	60.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.173	93375	3.680 ug/ml
2) T Naphthalene (C11.7)	5.698	172333	7.421 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	54644	2.311 ug/ml
7) T Acenaphthene (C15.5)	8.298	52594	1.746 ug/ml
8) T Flouorene (C16.55)	9.079	52503	2.110 ug/ml
9) T Phenanthrene (C19.36)	10.459	910002	36.931 ug/ml
10) T Anthracene (C19.43)	10.540	68909	2.641 ug/ml
12) T Fluoranthene (C21.85)	12.260	1119411	42.022 ug/ml
13) T Pyrene (C20.8)	12.552	836862	30.934 ug/ml
14) T Benzo[a]anthracene (C...	14.419	418176	18.771 ug/ml
15) T Chrysene (C27.41)	14.459	635221	20.182 ug/ml
16) T benzo[b]fluoranthene ...	15.962	772470	31.049 ug/ml
17) T Bnezo[k]fluoranthene ...	15.991	267540	8.767 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.337	378966	14.866 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	371112	15.724 ug/ml
20) T Dibenz[a,h]anthracene...	17.747	102605	3.463 ug/ml
21) T Benzo[g,h,i]perylene ...	17.947	273962	10.317 ug/ml

(f)=RT Delta > 1/2 Window

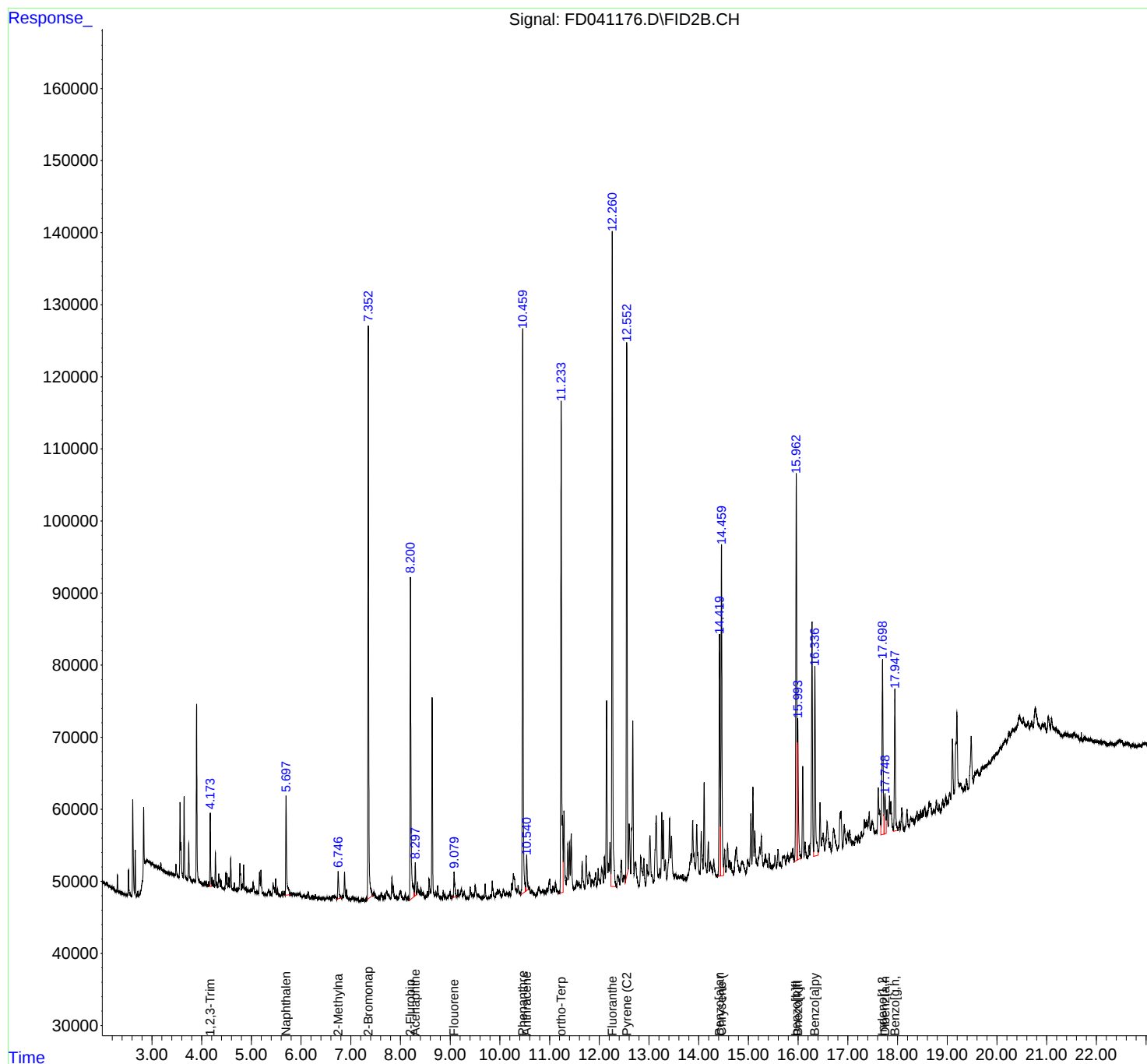
(m)=manual int.

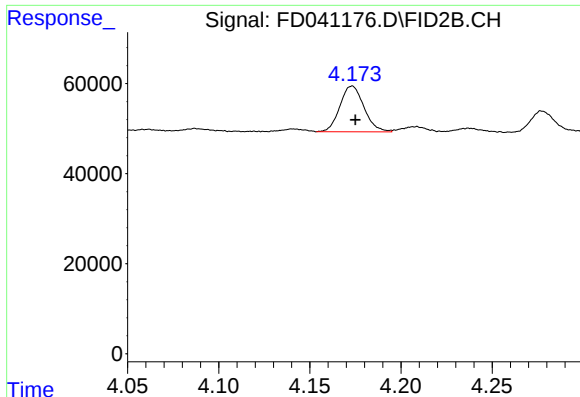
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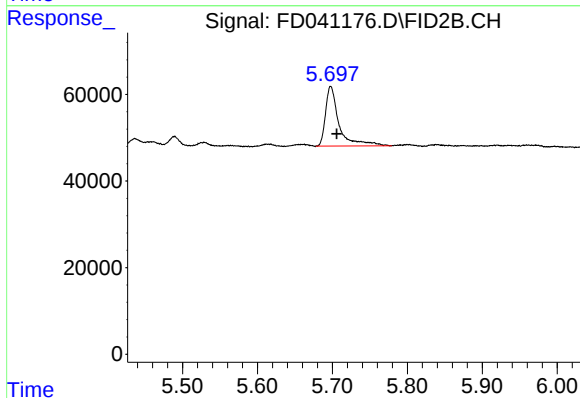




#1 1,2,3-Trimethylbenzene (C10.1)

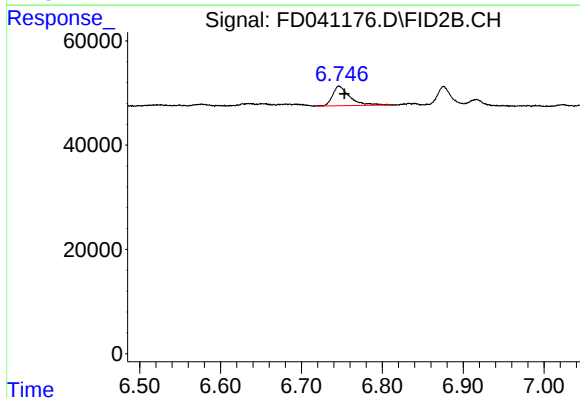
R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 93375
Conc: 3.68 ug/ml

Instrument :
FID_D
ClientSampleId :



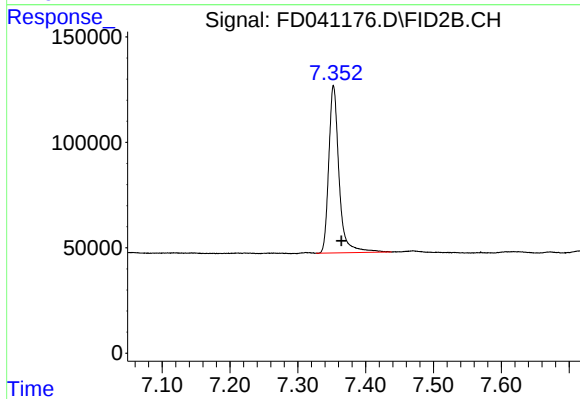
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: 172333
Conc: 7.42 ug/ml



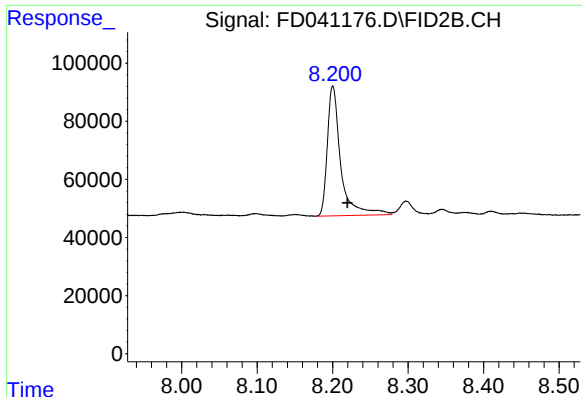
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 54644
Conc: 2.31 ug/ml



#4 2-Bromonaphthalene (SURR)

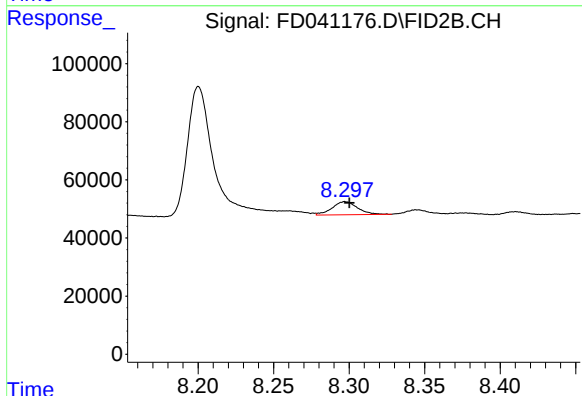
R.T.: 7.353 min
Delta R.T.: -0.011 min
Response: 836740
Conc: 39.58 ug/ml



#6 2-Fluorobiphenyl (SURR)

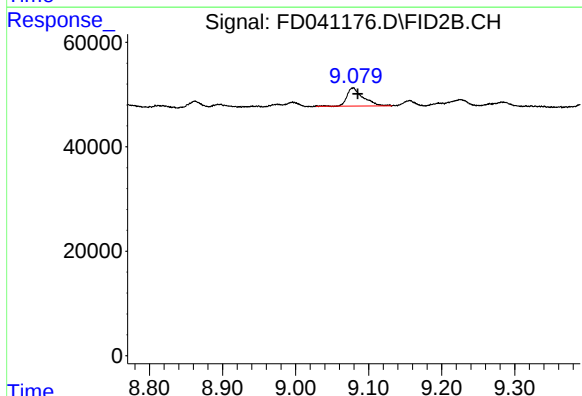
R.T.: 8.201 min
Delta R.T.: -0.019 min
Response: 552374
Conc: 43.11 ug/ml

Instrument :
FID_D
ClientSampleId :



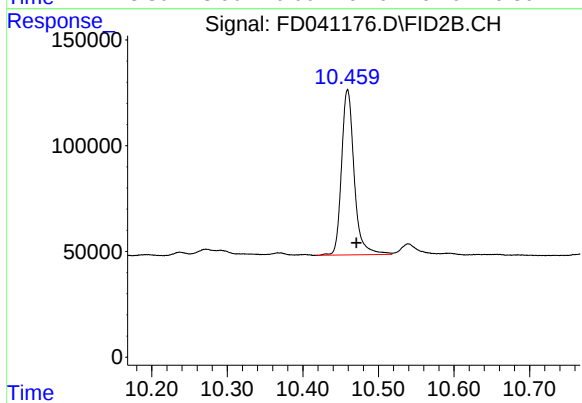
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.003 min
Response: 52594
Conc: 1.75 ug/ml



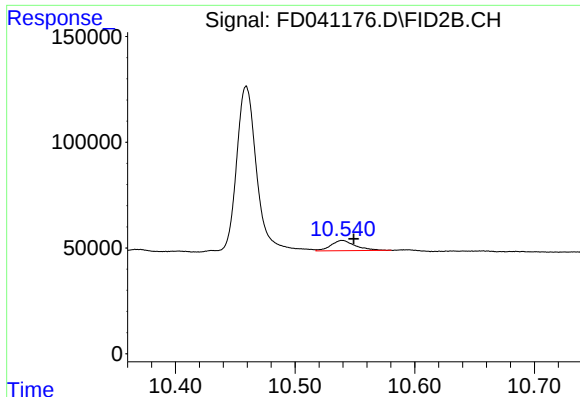
#8 Flouorene (C16.55)

R.T.: 9.079 min
Delta R.T.: -0.006 min
Response: 52503
Conc: 2.11 ug/ml



#9 Phenanthrene (C19.36)

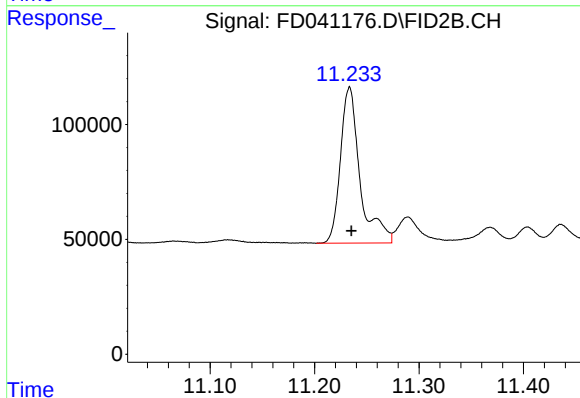
R.T.: 10.459 min
Delta R.T.: -0.012 min
Response: 910002
Conc: 36.93 ug/ml



#10 Anthracene (C19.43)

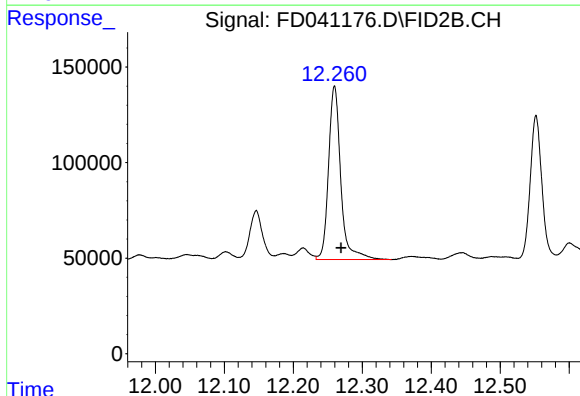
R.T.: 10.540 min
Delta R.T.: -0.010 min
Response: 68909
Conc: 2.64 ug/ml

Instrument :
FID_D
ClientSampleId :



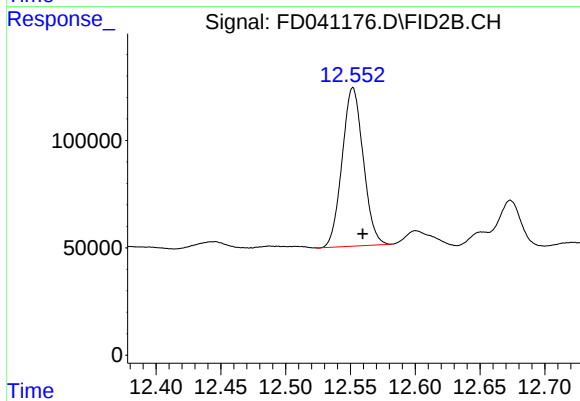
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.002 min
Response: 884681
Conc: 30.49 ug/ml



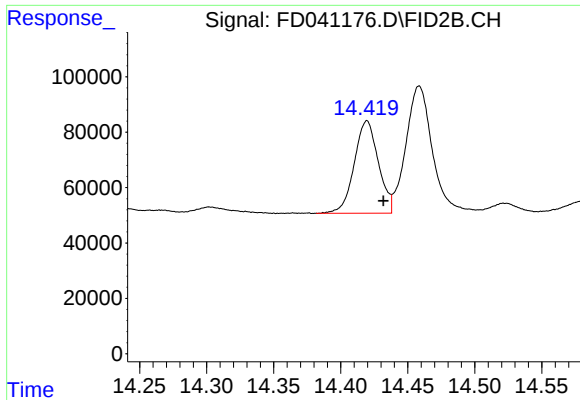
#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: -0.009 min
Response: 1119411
Conc: 42.02 ug/ml



#13 Pyrene (C20.8)

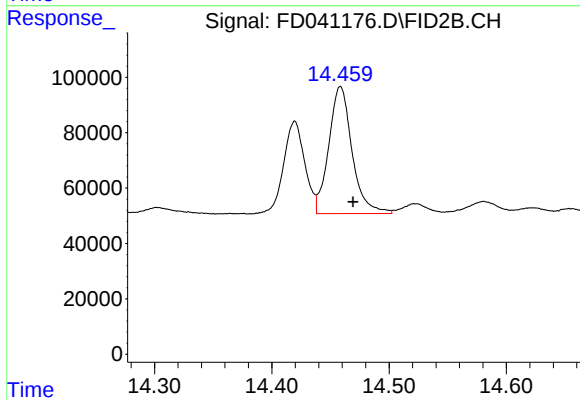
R.T.: 12.552 min
Delta R.T.: -0.008 min
Response: 836862
Conc: 30.93 ug/ml



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

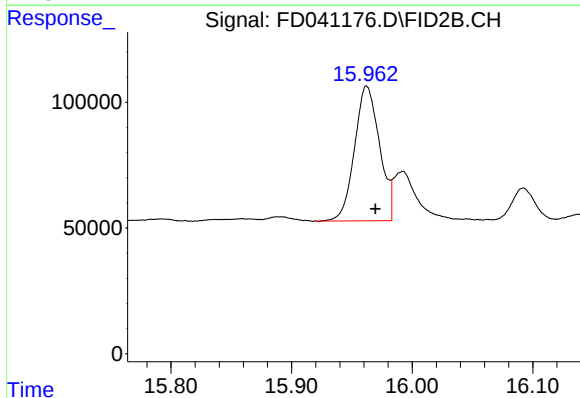
R.T.: 14.419 min
Delta R.T.: -0.012 min
Response: 418176
Conc: 18.77 ug/ml

Instrument :
FID_D
ClientSampleId :



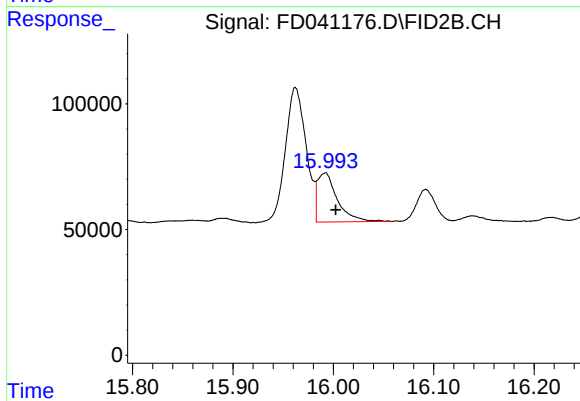
#15 Chrysene (C27.41)

R.T.: 14.459 min
Delta R.T.: -0.011 min
Response: 635221
Conc: 20.18 ug/ml



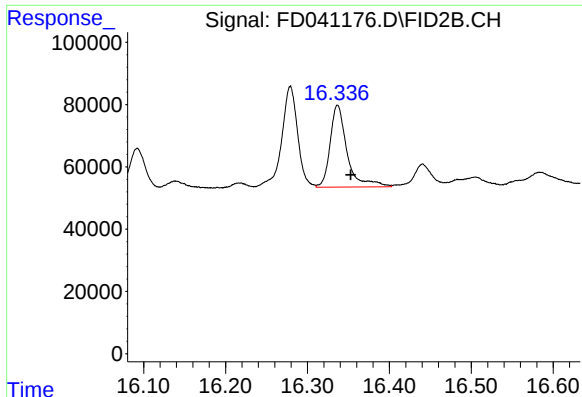
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.962 min
Delta R.T.: -0.007 min
Response: 772470
Conc: 31.05 ug/ml



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

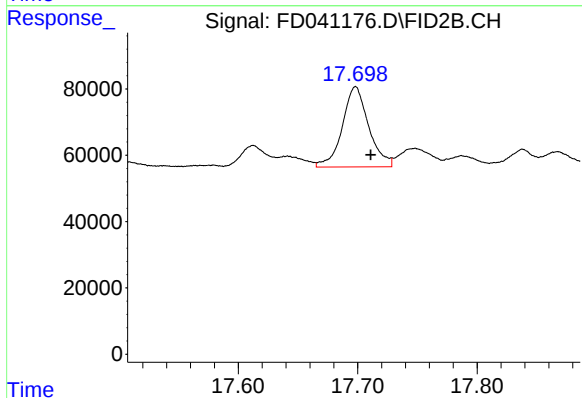
R.T.: 15.991 min
Delta R.T.: -0.011 min
Response: 267540
Conc: 8.77 ug/ml



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

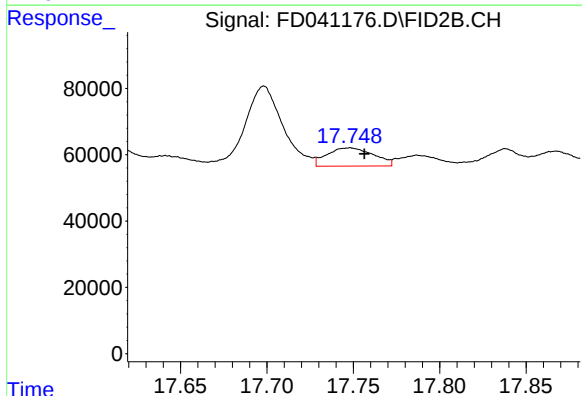
R.T.: 16.337 min
Delta R.T.: -0.016 min
Response: 378966
Conc: 14.87 ug/ml

Instrument :
FID_D
ClientSampleId :



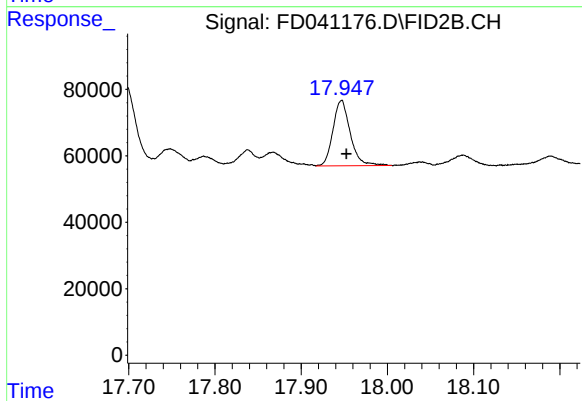
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.698 min
Delta R.T.: -0.013 min
Response: 371112
Conc: 15.72 ug/ml



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

R.T.: 17.747 min
Delta R.T.: -0.009 min
Response: 102605
Conc: 3.46 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.006 min
Response: 273962
Conc: 10.32 ug/ml