

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041795.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 1:20
 Operator : UA/NP
 Sample : N2155-09
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:23:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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...	7.348	5474794	34.134 ug/ml
Spiked Amount 50.000		Recovery =	68.27%
6) S 2-Fluorobiphenyl (SURR)	8.197	3593644	36.367 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.73%
11) S ortho-Terphenyl (SURR)	11.228	5614023	28.879 ug/ml
Spiked Amount 50.000		Recovery =	57.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.173	107963	0.616 ug/ml
2) T Naphthalene (C11.7)	5.705	99410	0.563 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	101107	0.632 ug/ml
7) T Acenaphthene (C15.5)	8.294	272513	1.420 ug/ml
8) T Flouorene (C16.55)	9.082	91044	0.516 ug/ml
9) T Phenanthrene (C19.36)	10.458	926589	5.312 ug/ml
10) T Anthracene (C19.43)	10.542	257111	1.413 ug/ml
12) T Fluoranthene (C21.85)	12.258	1046929	5.930 ug/ml
13) T Pyrene (C20.8)	12.552	782116	4.626 ug/ml
14) T Benzo[a]anthracene (C...	14.425	302549	2.023 ug/ml
15) T Chrysene (C27.41)	14.466	445586	2.476 ug/ml
16) T benzo[b]fluoranthene ...	15.973	452880	3.054 ug/ml
17) T Bnezo[k]fluoranthene ...	16.004	214300	1.297 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.352	262812	1.868 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.720	238730	2.167 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	128106	0.885 ug/ml
21) T Benzo[g,h,i]perylene ...	17.966	197399	1.487 ug/ml

(f)=RT Delta > 1/2 Window

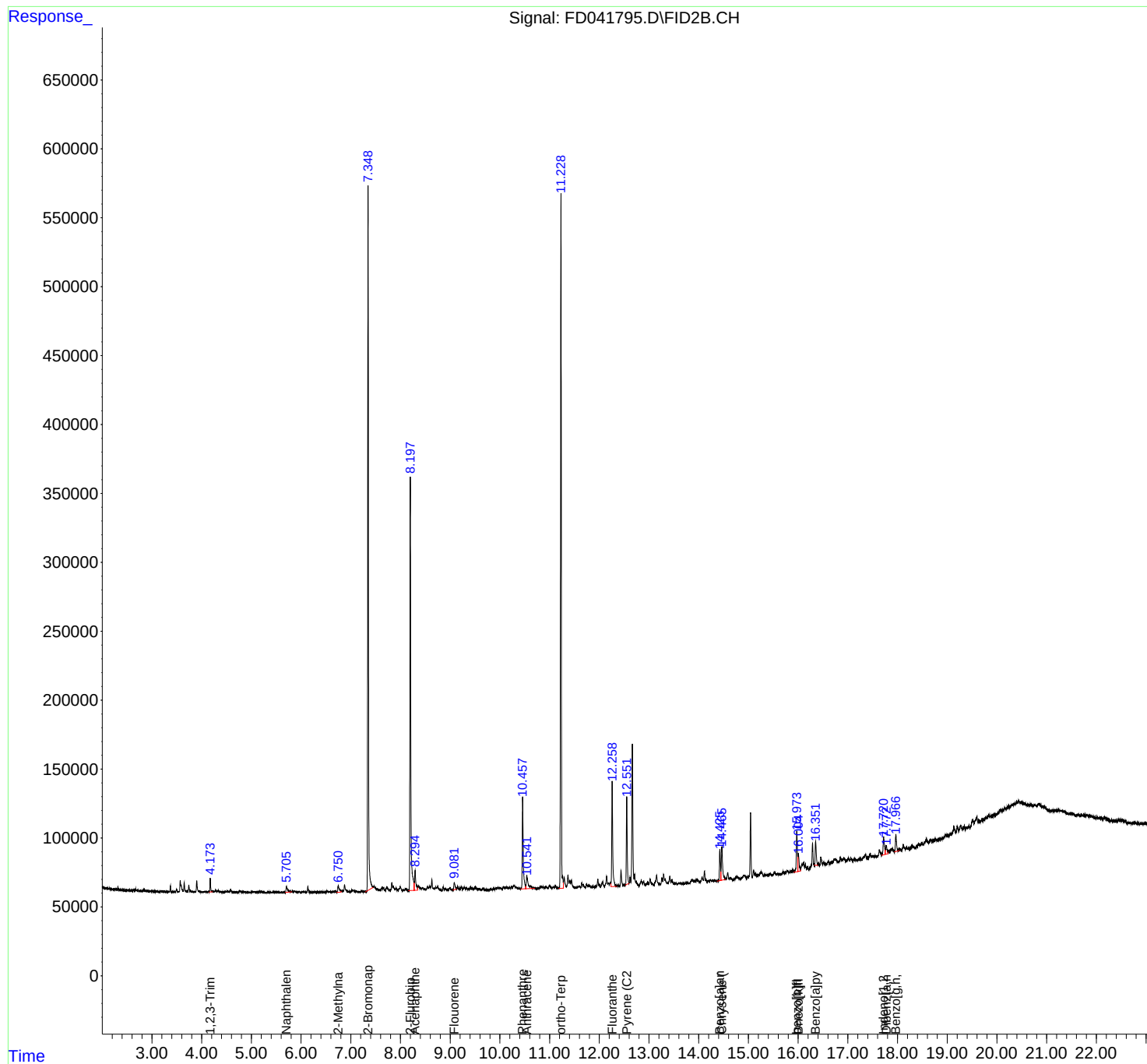
(m)=manual int.

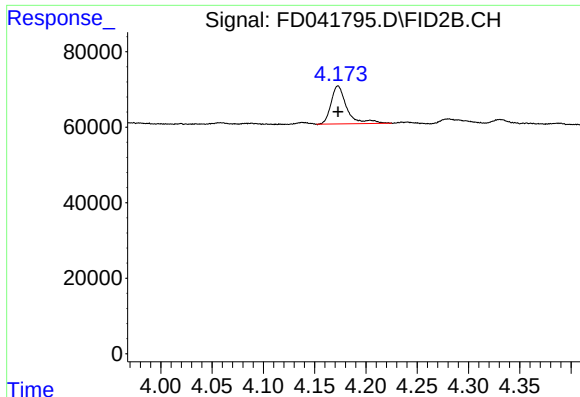
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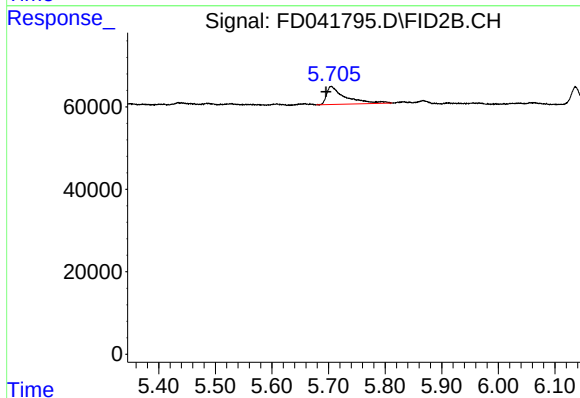




#1 1,2,3-Trimethylbenzene (C10.1)

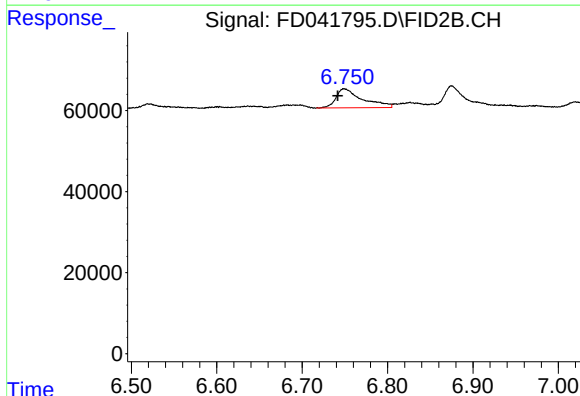
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 107963
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



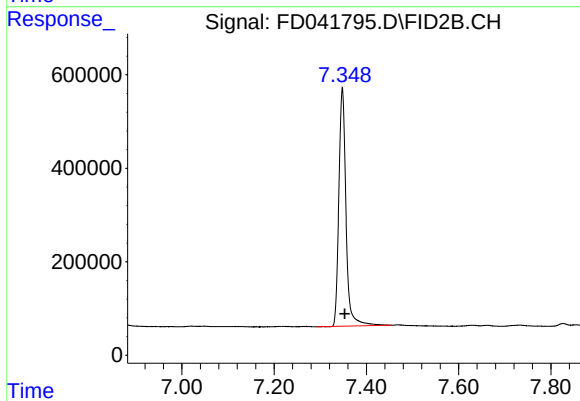
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: 0.010 min
Response: 99410
Conc: 0.56 ug/ml



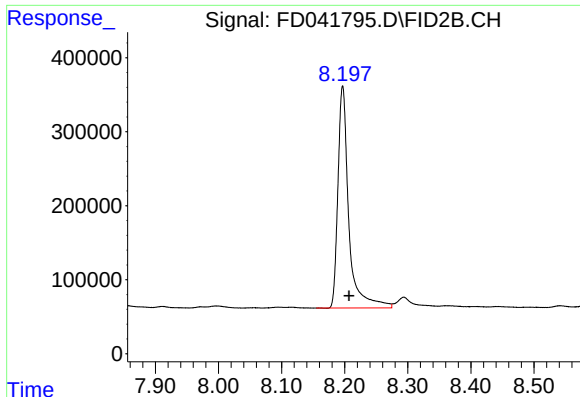
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: 0.008 min
Response: 101107
Conc: 0.63 ug/ml



#4 2-Bromonaphthalene (SURR)

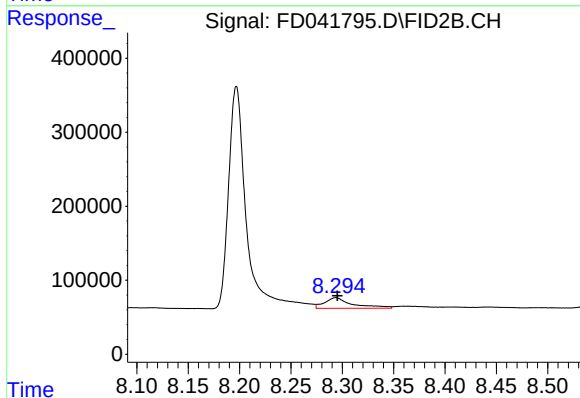
R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 5474794
Conc: 34.13 ug/ml



#6 2-Fluorobiphenyl (SURR)

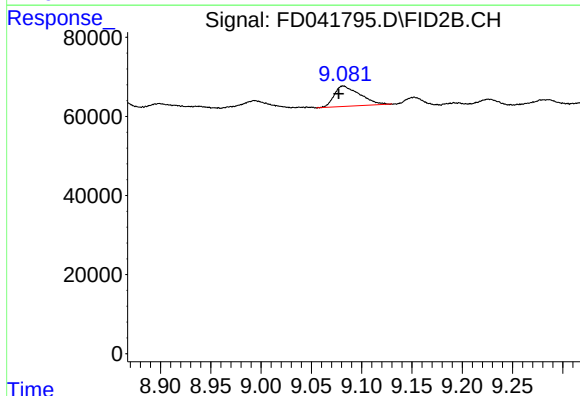
R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 3593644
Conc: 36.37 ug/ml

Instrument :
FID_D
ClientSampleId :



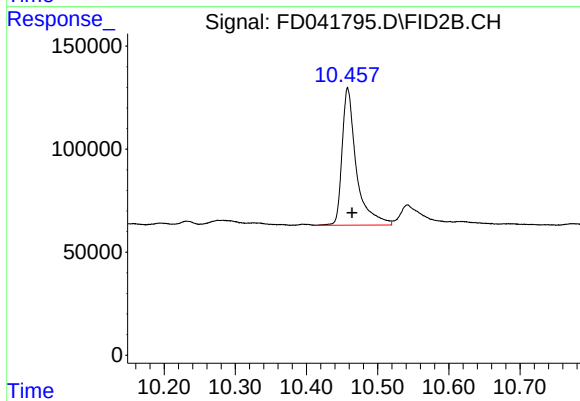
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.002 min
Response: 272513
Conc: 1.42 ug/ml



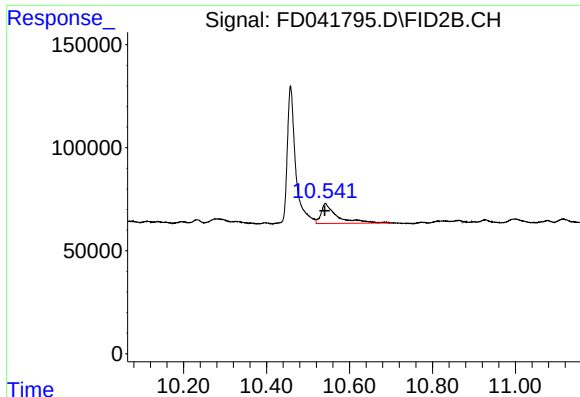
#8 Flouorene (C16.55)

R.T.: 9.082 min
Delta R.T.: 0.005 min
Response: 91044
Conc: 0.52 ug/ml



#9 Phenanthrene (C19.36)

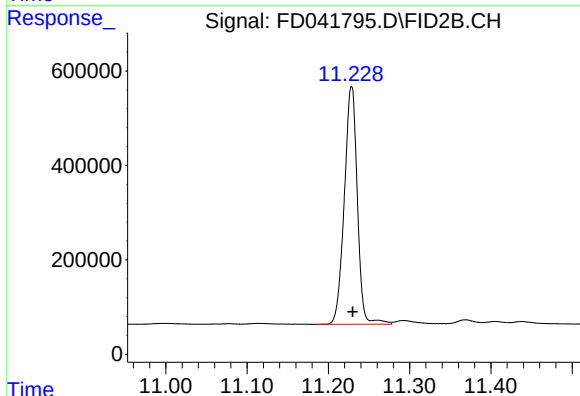
R.T.: 10.458 min
Delta R.T.: -0.006 min
Response: 926589
Conc: 5.31 ug/ml



#10 Anthracene (C19.43)

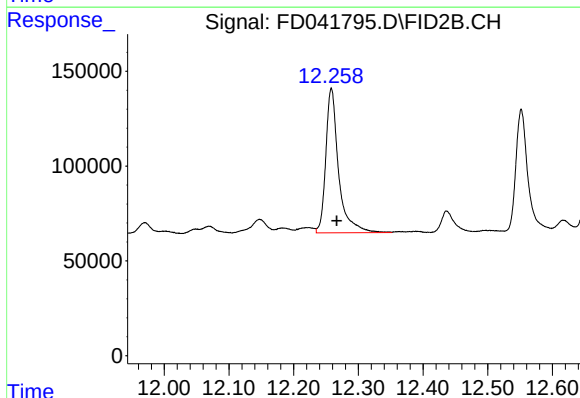
R.T.: 10.542 min
Delta R.T.: 0.002 min
Response: 257111
Conc: 1.41 ug/ml

Instrument :
FID_D
ClientSampleId :



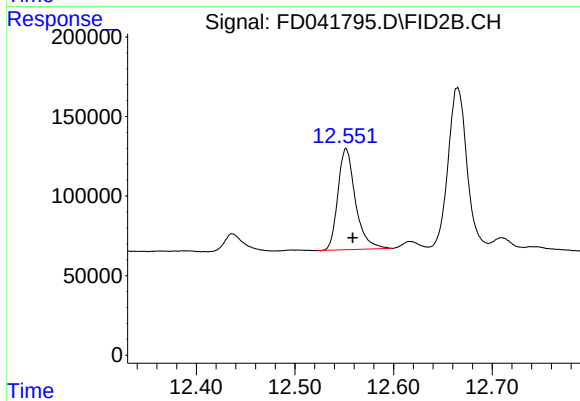
#11 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.002 min
Response: 5614023
Conc: 28.88 ug/ml



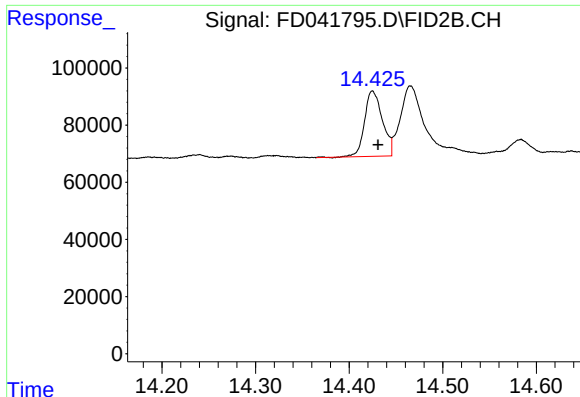
#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: -0.008 min
Response: 1046929
Conc: 5.93 ug/ml



#13 Pyrene (C20.8)

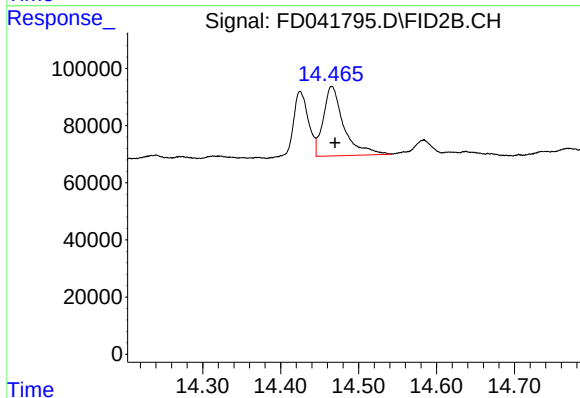
R.T.: 12.552 min
Delta R.T.: -0.007 min
Response: 782116
Conc: 4.63 ug/ml



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

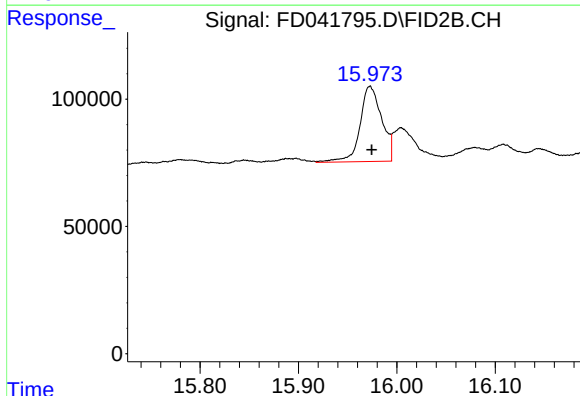
R.T.: 14.425 min
Delta R.T.: -0.005 min
Response: 302549
Conc: 2.02 ug/ml

Instrument :
FID_D
ClientSampleId :



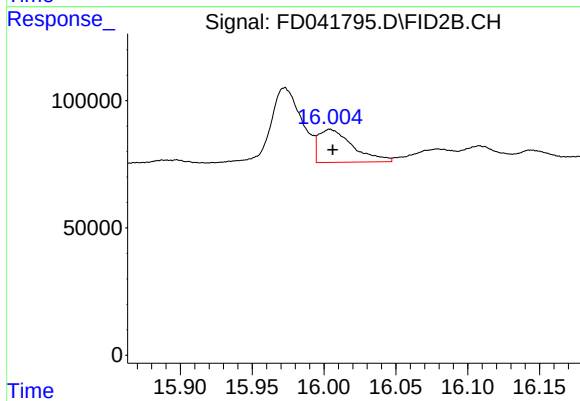
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: -0.004 min
Response: 445586
Conc: 2.48 ug/ml



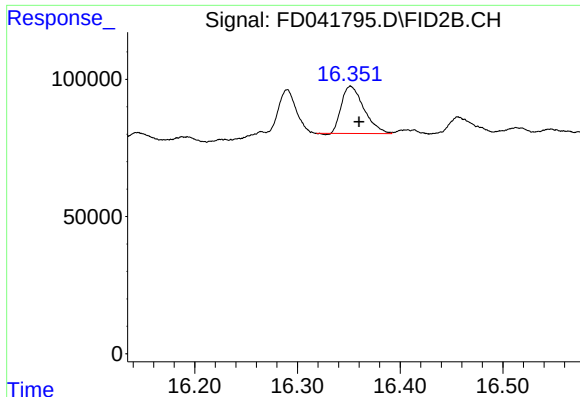
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.973 min
Delta R.T.: -0.002 min
Response: 452880
Conc: 3.05 ug/ml



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

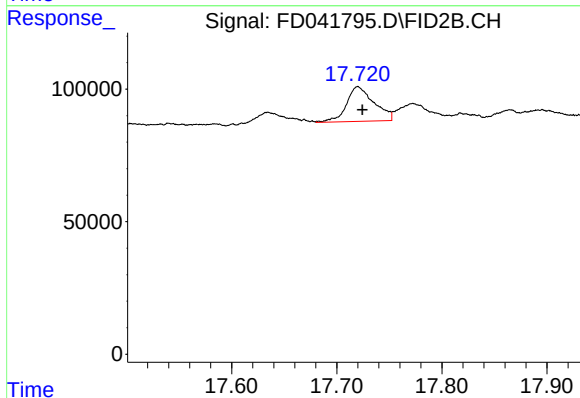
R.T.: 16.004 min
Delta R.T.: -0.002 min
Response: 214300
Conc: 1.30 ug/ml



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

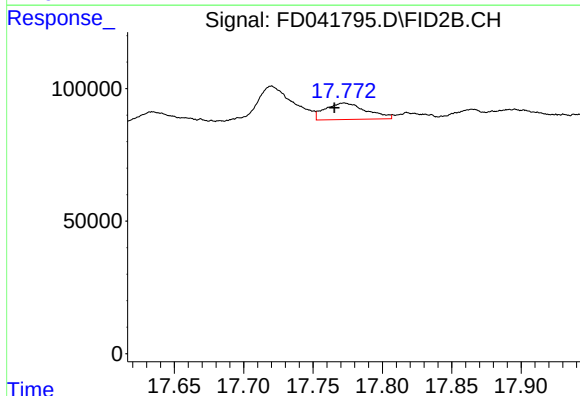
R.T.: 16.352 min
Delta R.T.: -0.008 min
Response: 262812
Conc: 1.87 ug/ml

Instrument :
FID_D
ClientSampleId :



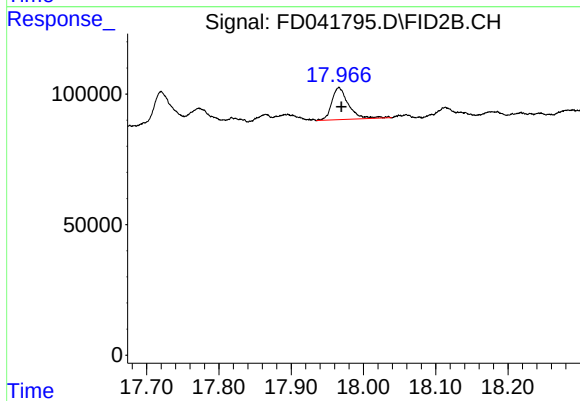
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.720 min
Delta R.T.: -0.004 min
Response: 238730
Conc: 2.17 ug/ml



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

R.T.: 17.773 min
Delta R.T.: 0.007 min
Response: 128106
Conc: 0.88 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.003 min
Response: 197399
Conc: 1.49 ug/ml