

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040317.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 00:47
 Operator : AJ\MA
 Sample : M5257-01MSD
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 03:45:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 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...	6.814	8281628	63.028 ug/ml
Spiked Amount 50.000		Recovery =	126.06%
6) S 2-Fluorobiphenyl (SURR)	7.665	5588324	65.815 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	131.63%#
11) S ortho-Terphenyl (SURR)	10.699	6050120	43.299 ug/ml
Spiked Amount 50.000		Recovery =	86.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.664	4833969	32.142 ug/ml
2) T Naphthalene (C11.7)	5.161	5054869	33.506 ug/ml
3) T 2-Methylnaphthalene (...)	6.203	5344531	35.594 ug/ml
5) T Acenaphthylene (C15.06)	7.468	5439983	39.959 ug/ml
7) T Acenaphthene (C15.5)	7.763	6093266	41.945 ug/ml
8) T Fluorene (C16.55)	8.539	5925453	42.911 ug/ml
9) T Phenanthrene (C19.36)	9.928	6472786	48.014 ug/ml
10) T Anthracene (C19.43)	10.002	5786619	46.012 ug/ml
12) T Fluoranthene (C21.85)	11.733	6756960	50.311 ug/ml
13) T Pyrene (C20.8)	12.026	6279266	48.069 ug/ml
14) T Benzo[a]anthracene (C...	13.892	5298301	45.346 ug/ml
15) T Chrysene (C27.41)	13.935	5232579	41.853 ug/ml
16) T benzo[b]fluoranthene ...	15.438	5202868	41.946 ug/ml
17) T Bnezo[k]fluoranthene ...	15.471	4671257	37.594 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.813	4566495	37.934 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.177	4153210	35.784 ug/ml
20) T Dibenz[a,h]anthracene...	17.218	4207258	37.016 ug/ml
21) T Benzo[g,h,i]perylene ...	17.431	4208732	34.487 ug/ml

(f)=RT Delta > 1/2 Window

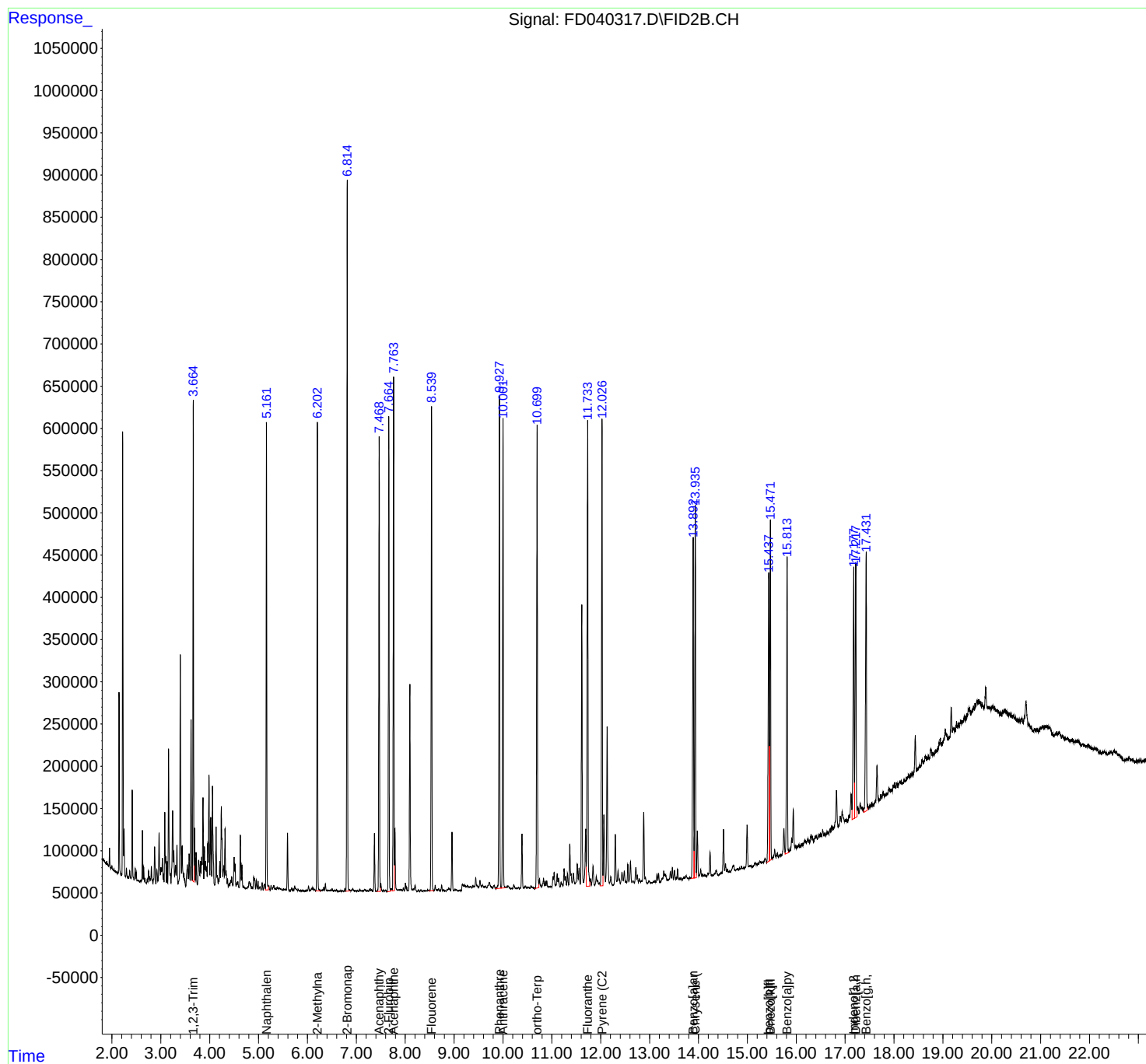
(m)=manual int.

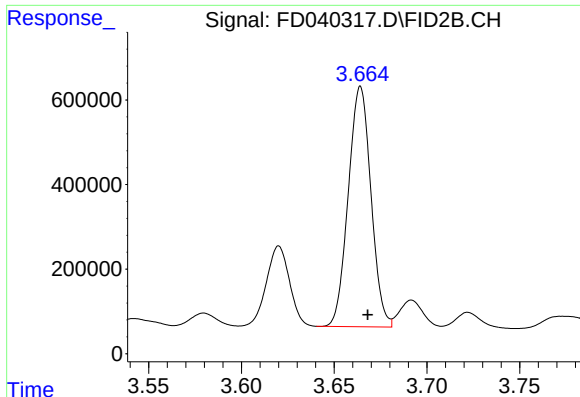
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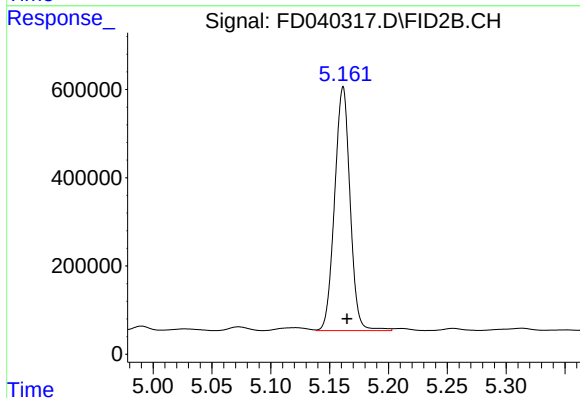




#1 1,2,3-Trimethylbenzene (C10.1)

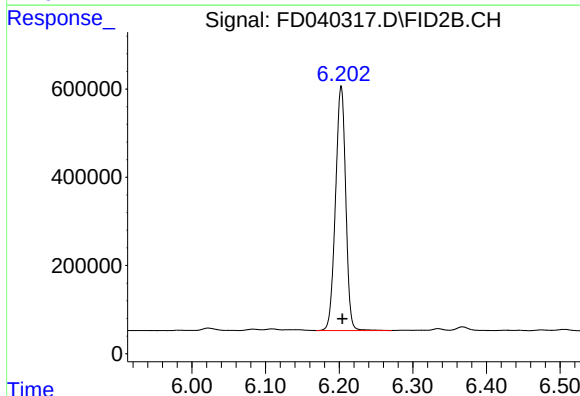
R.T.: 3.664 min
Delta R.T.: -0.004 min
Response: 4833969
Conc: 32.14 ug/ml

Instrument :
FID_D
ClientSampleId :



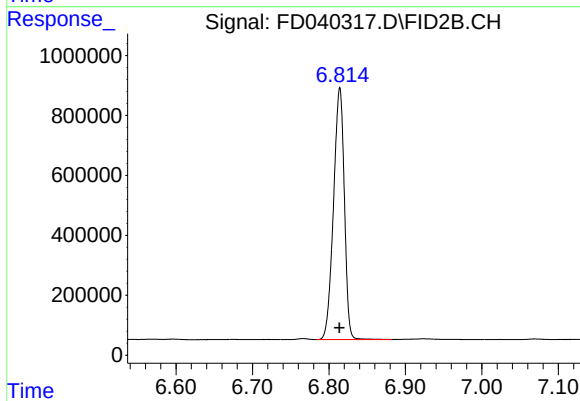
#2 Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.003 min
Response: 5054869
Conc: 33.51 ug/ml



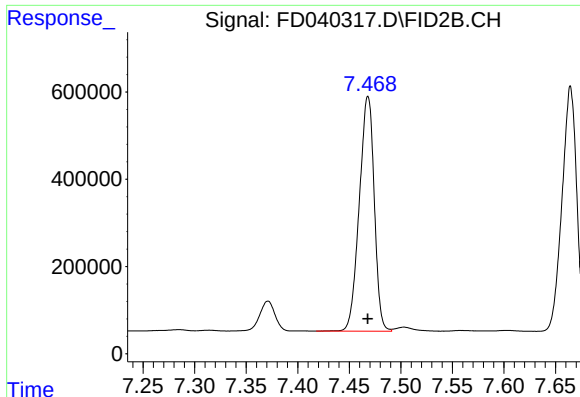
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.203 min
Delta R.T.: -0.002 min
Response: 5344531
Conc: 35.59 ug/ml



#4 2-Bromonaphthalene (SURR)

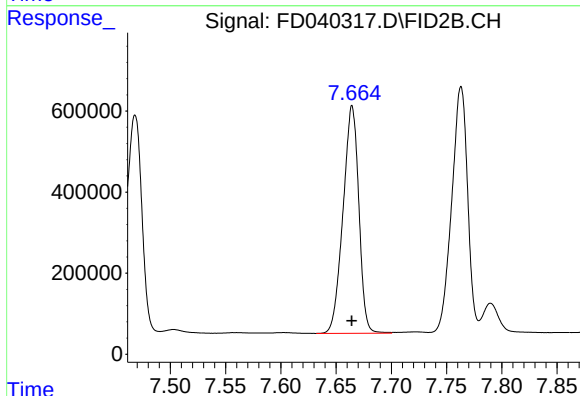
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 8281628
Conc: 63.03 ug/ml



#5 Acenaphthylene (C15.06)

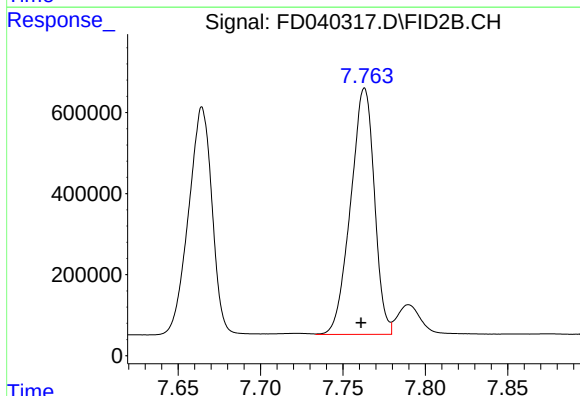
R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 5439983
Conc: 39.96 ug/ml

Instrument :
FID_D
ClientSampleId :



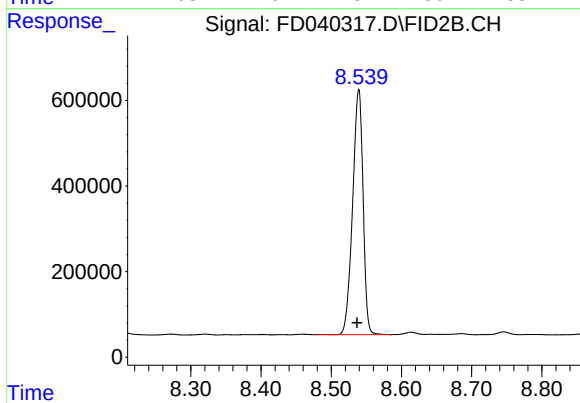
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 5588324
Conc: 65.81 ug/ml



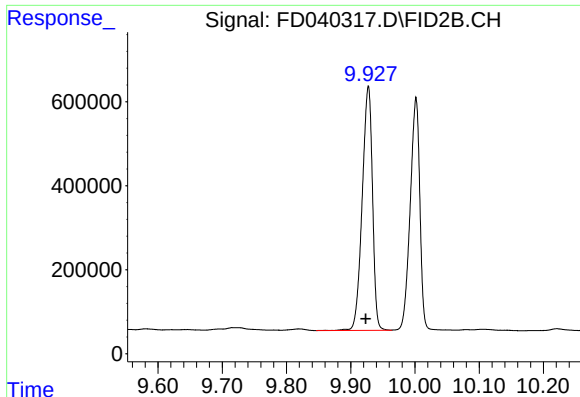
#7 Acenaphthene (C15.5)

R.T.: 7.763 min
Delta R.T.: 0.002 min
Response: 6093266
Conc: 41.95 ug/ml



#8 Flouorene (C16.55)

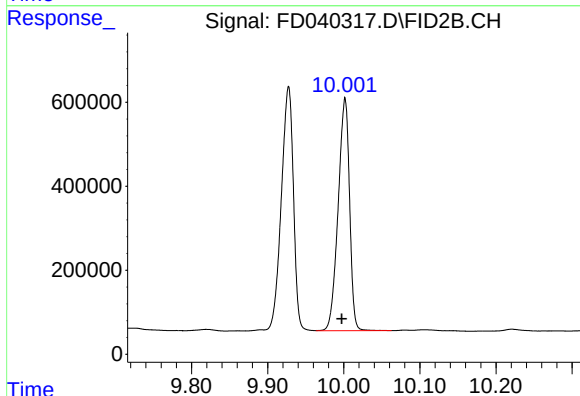
R.T.: 8.539 min
Delta R.T.: 0.002 min
Response: 5925453
Conc: 42.91 ug/ml



#9 Phenanthrene (C19.36)

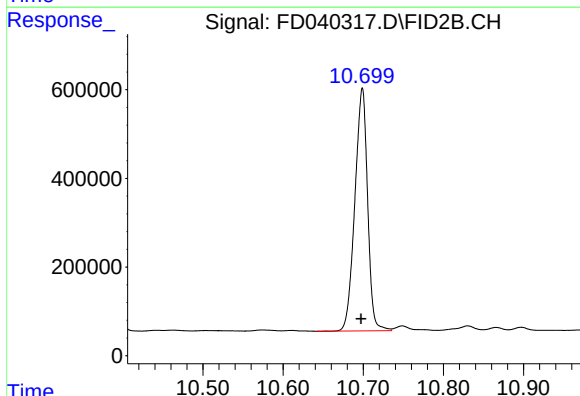
R.T.: 9.928 min
Delta R.T.: 0.004 min
Response: 6472786
Conc: 48.01 ug/ml

Instrument :
FID_D
ClientSampleId :



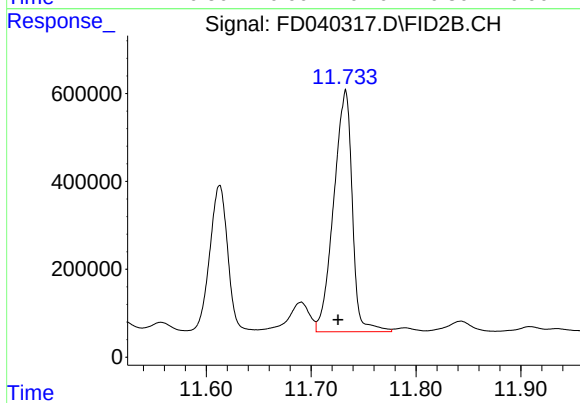
#10 Anthracene (C19.43)

R.T.: 10.002 min
Delta R.T.: 0.004 min
Response: 5786619
Conc: 46.01 ug/ml



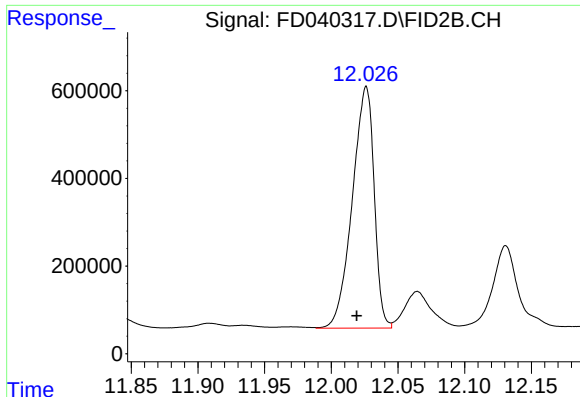
#11 ortho-Terphenyl (SURR)

R.T.: 10.699 min
Delta R.T.: 0.002 min
Response: 6050120
Conc: 43.30 ug/ml



#12 Fluoranthene (C21.85)

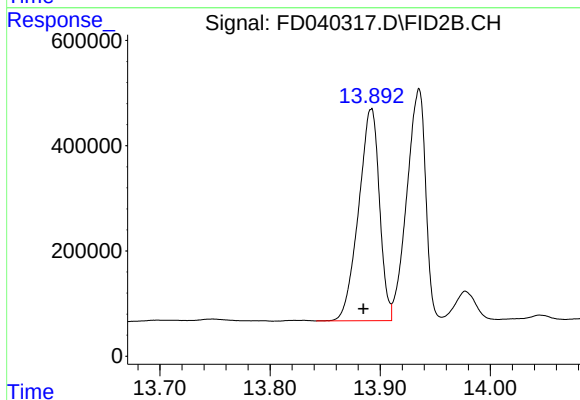
R.T.: 11.733 min
Delta R.T.: 0.007 min
Response: 6756960
Conc: 50.31 ug/ml



#13 Pyrene (C20.8)

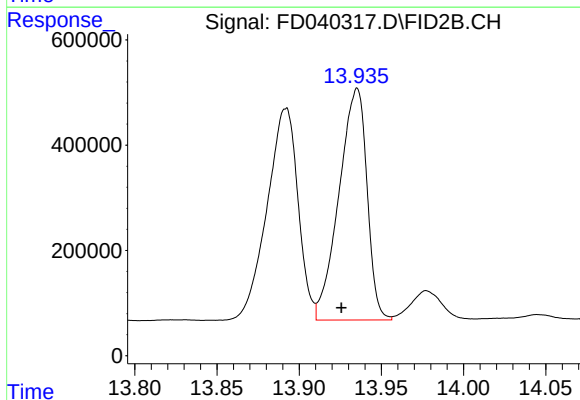
R.T.: 12.026 min
Delta R.T.: 0.007 min
Response: 6279266
Conc: 48.07 ug/ml

Instrument :
FID_D
ClientSampleId :



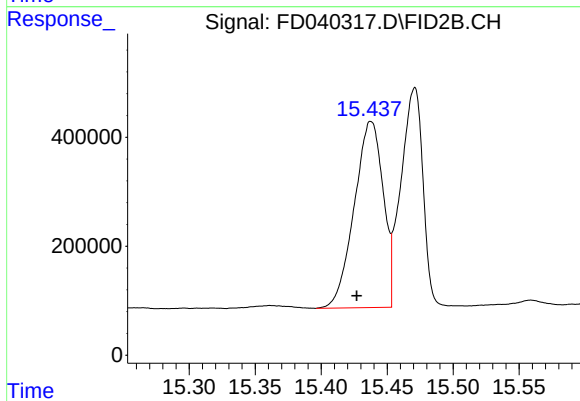
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.892 min
Delta R.T.: 0.007 min
Response: 5298301
Conc: 45.35 ug/ml



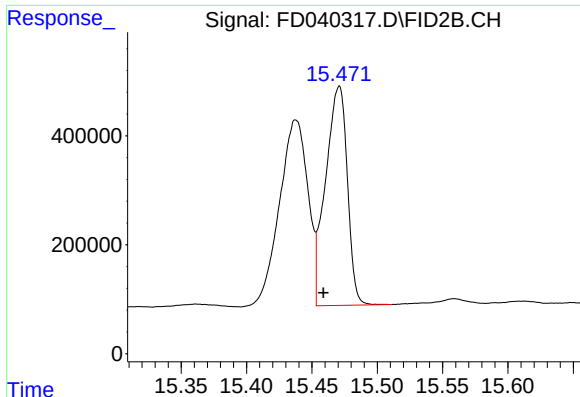
#15 Chrysene (C27.41)

R.T.: 13.935 min
Delta R.T.: 0.009 min
Response: 5232579
Conc: 41.85 ug/ml



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

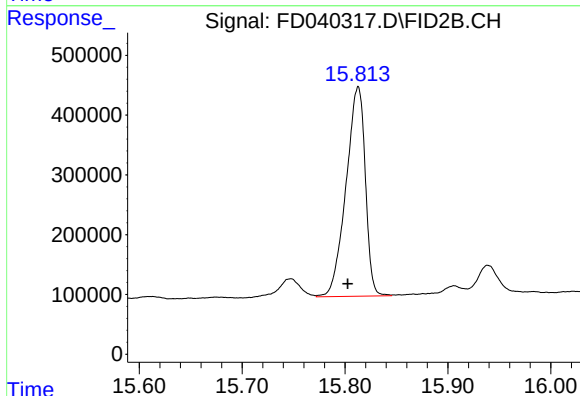
R.T.: 15.438 min
Delta R.T.: 0.011 min
Response: 5202868
Conc: 41.95 ug/ml



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

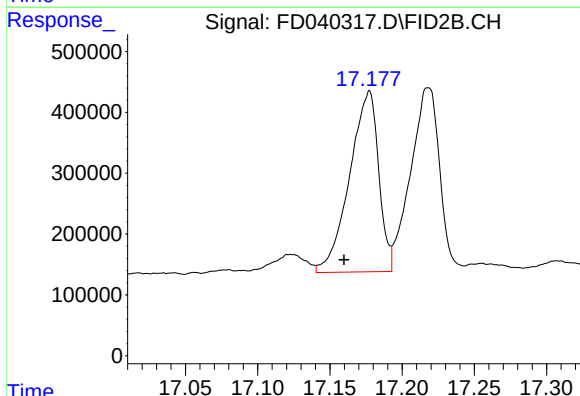
R.T.: 15.471 min
Delta R.T.: 0.012 min
Response: 4671257
Conc: 37.59 ug/ml

Instrument :
FID_D
ClientSampleId :



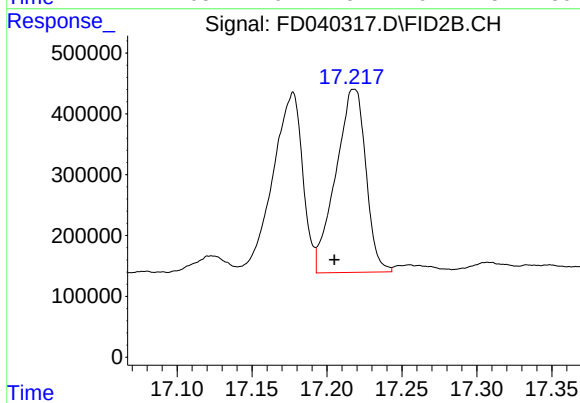
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.813 min
Delta R.T.: 0.010 min
Response: 4566495
Conc: 37.93 ug/ml



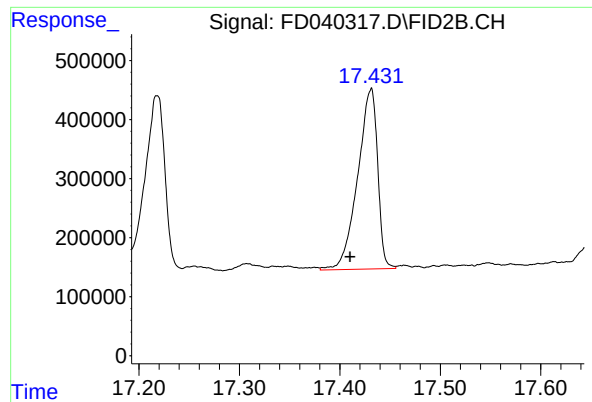
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.177 min
Delta R.T.: 0.017 min
Response: 4153210
Conc: 35.78 ug/ml



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

R.T.: 17.218 min
Delta R.T.: 0.013 min
Response: 4207258
Conc: 37.02 ug/ml



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

R.T.: 17.431 min
Delta R.T.: 0.021 min
Response: 4208732
Conc: 34.49 ug/ml

Instrument :

FID_D

ClientSampleId :