

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021722AR\
 Data File : FD041175.D
 Signal(s) : FID2B.CH
 Acq On : 17 Feb 2022 14:24
 Operator : YP\AJ
 Sample : PB142729BSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 18 01:09:28 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	1019917	48.248 ug/ml
Spiked Amount 50.000		Recovery =	96.50%
6) S 2-Fluorobiphenyl (SURR)	8.200	669602	52.259 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.52%
11) S ortho-Terphenyl (SURR)	11.232	1070440	36.889 ug/ml
Spiked Amount 50.000		Recovery =	73.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	892785	35.181 ug/ml
2) T Naphthalene (C11.7)	5.695	999081	43.021 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	1011734	42.792 ug/ml
5) T Acenaphthylene (C15.06)	8.003	1106996	41.252 ug/ml
7) T Acenaphthene (C15.5)	8.296	1222857	40.593 ug/ml
8) T Fluorene (C16.55)	9.074	1188727	47.774 ug/ml
9) T Phenanthrene (C19.36)	10.459	1231080	49.961 ug/ml
10) T Anthracene (C19.43)	10.533	1242416	47.624 ug/ml
12) T Fluoranthene (C21.85)	12.259	1359274	51.026 ug/ml
13) T Pyrene (C20.8)	12.552	1235006	45.651 ug/ml
14) T Benzo[a]anthracene (C...	14.419	1168620	52.456 ug/ml
15) T Chrysene (C27.41)	14.459	1233531	39.192 ug/ml
16) T benzo[b]fluoranthene ...	15.962	1239940	49.839 ug/ml
17) T Bnezo[k]fluoranthene ...	15.993	1284246	42.081 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.337	1193214	46.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	1131297	47.932 ug/ml
20) T Dibenz[a,h]anthracene...	17.740	1244209	41.991 ug/ml
21) T Benzo[g,h,i]perylene ...	17.947	1243912	46.843 ug/ml

(f)=RT Delta > 1/2 Window

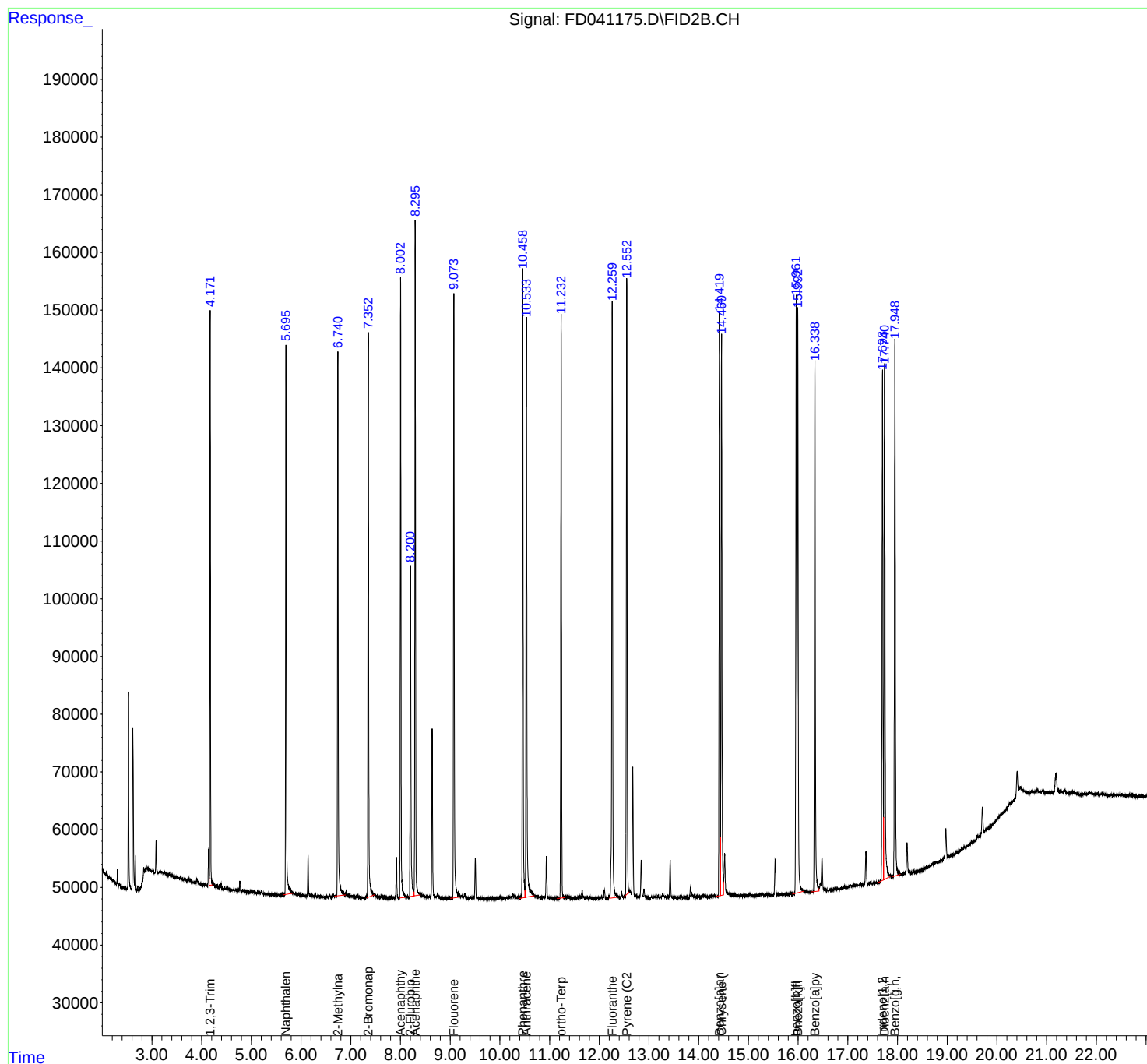
(m)=manual int.

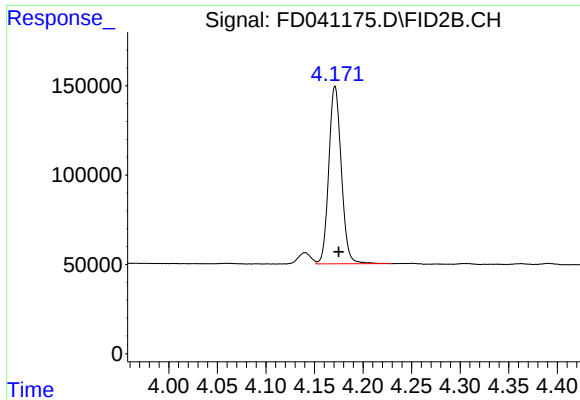
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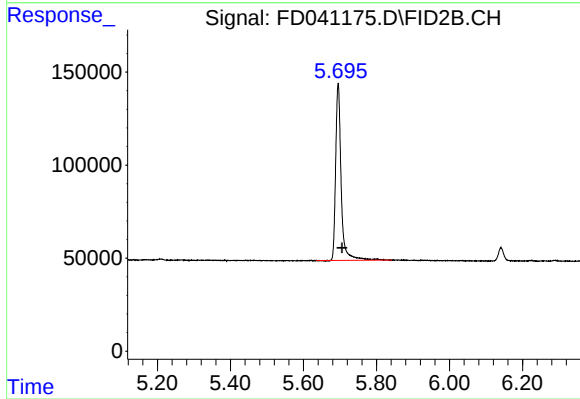




#1 1,2,3-Trimethylbenzene (C10.1)

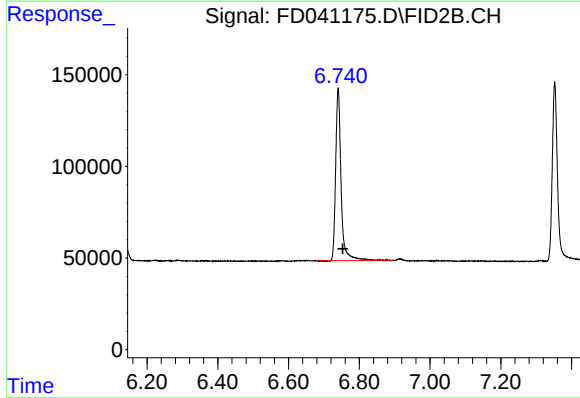
R.T.: 4.171 min
Delta R.T.: -0.004 min
Response: 892785
Conc: 35.18 ug/ml

Instrument :
FID_D
ClientSampleId :



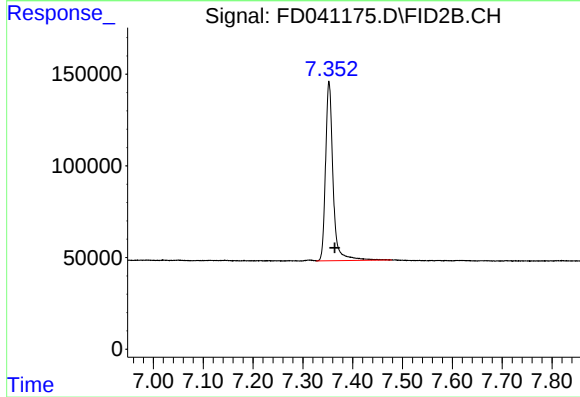
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.011 min
Response: 999081
Conc: 43.02 ug/ml



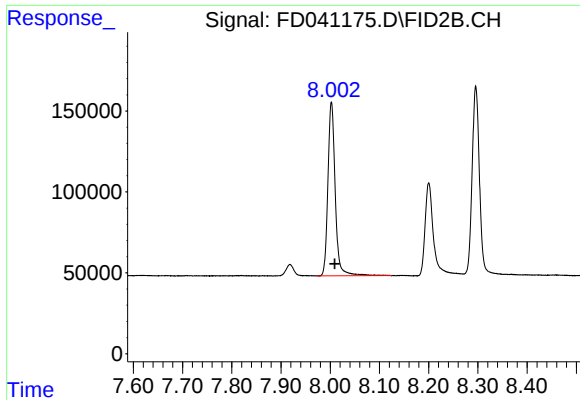
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.013 min
Response: 1011734
Conc: 42.79 ug/ml



#4 2-Bromonaphthalene (SURR)

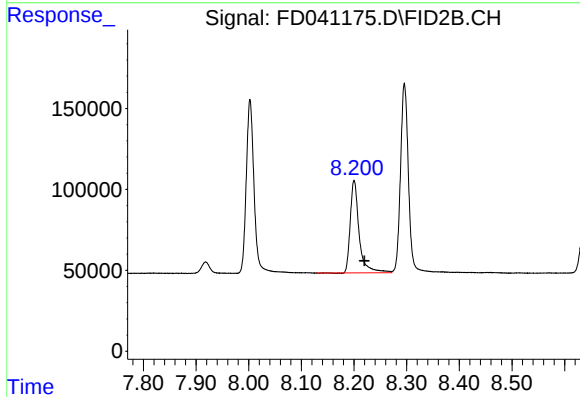
R.T.: 7.353 min
Delta R.T.: -0.012 min
Response: 1019917
Conc: 48.25 ug/ml



#5 Acenaphthylene (C15.06)

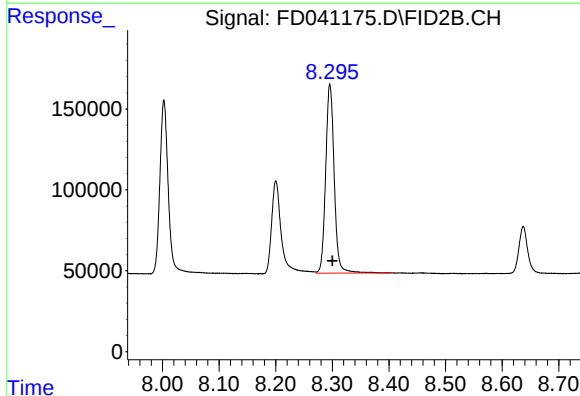
R.T.: 8.003 min
Delta R.T.: -0.007 min
Response: 1106996
Conc: 41.25 ug/ml

Instrument :
FID_D
ClientSampleId :



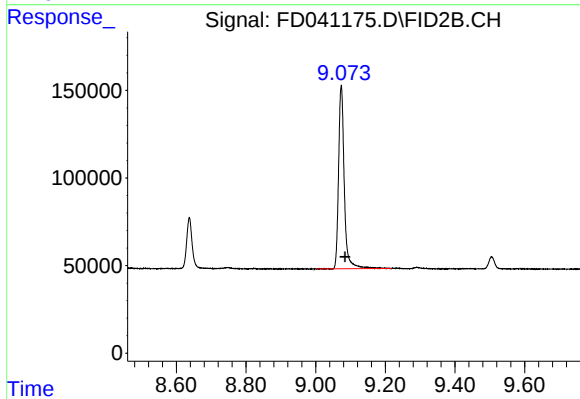
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.200 min
Delta R.T.: -0.019 min
Response: 669602
Conc: 52.26 ug/ml



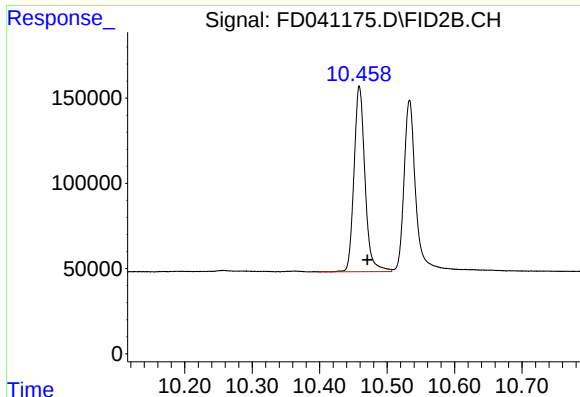
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.004 min
Response: 1222857
Conc: 40.59 ug/ml



#8 Flouorene (C16.55)

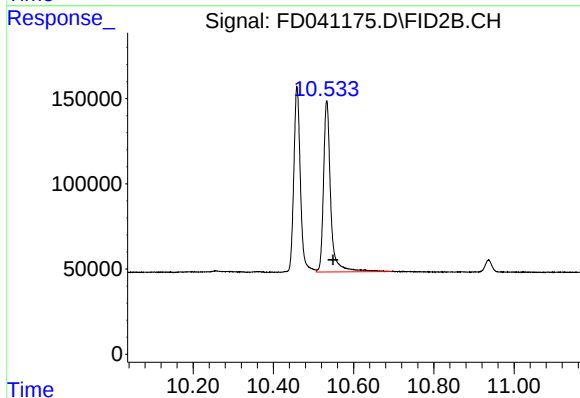
R.T.: 9.074 min
Delta R.T.: -0.012 min
Response: 1188727
Conc: 47.77 ug/ml



#9 Phenanthrene (C19.36)

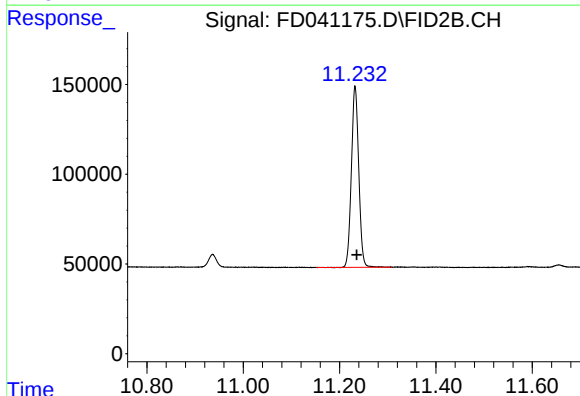
R.T.: 10.459 min
Delta R.T.: -0.012 min
Response: 1231080
Conc: 49.96 ug/ml

Instrument :
FID_D
ClientSampleId :



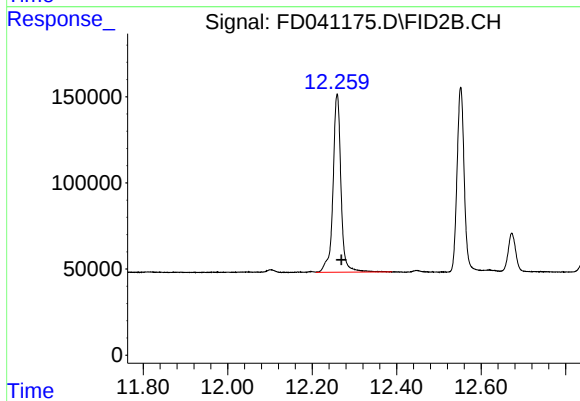
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.016 min
Response: 1242416
Conc: 47.62 ug/ml



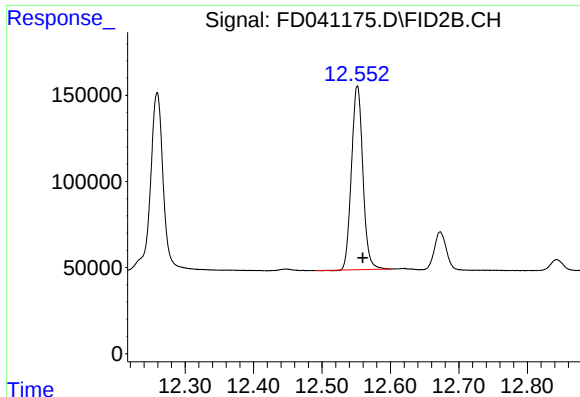
#11 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: -0.003 min
Response: 1070440
Conc: 36.89 ug/ml



#12 Fluoranthene (C21.85)

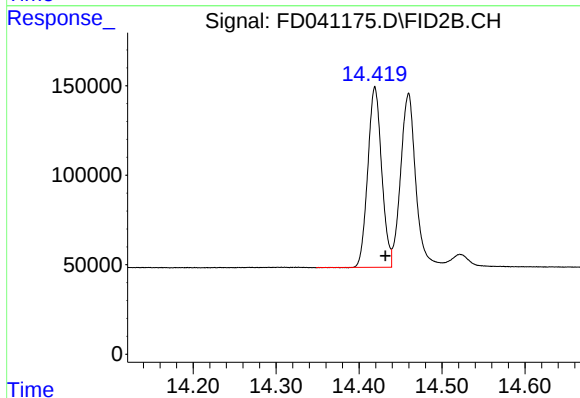
R.T.: 12.259 min
Delta R.T.: -0.010 min
Response: 1359274
Conc: 51.03 ug/ml



#13 Pyrene (C20.8)

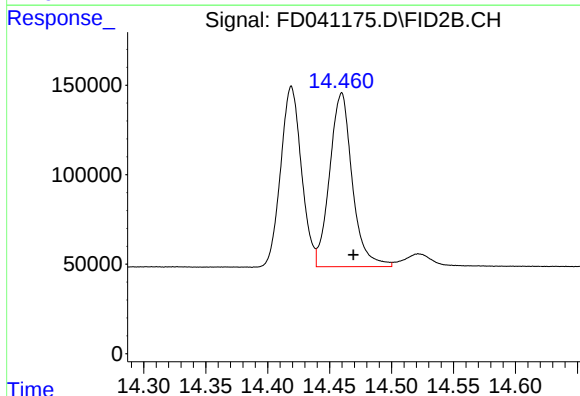
R.T.: 12.552 min
Delta R.T.: -0.008 min
Response: 1235006
Conc: 45.65 ug/ml

Instrument :
FID_D
ClientSampleId :



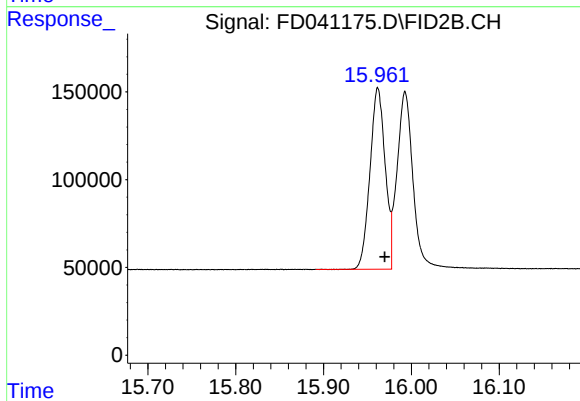
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.419 min
Delta R.T.: -0.013 min
Response: 1168620
Conc: 52.46 ug/ml



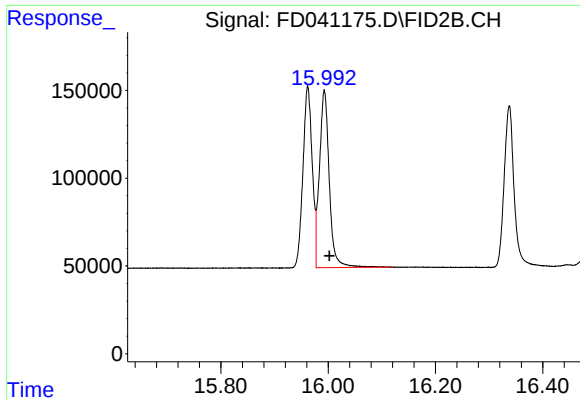
#15 Chrysene (C27.41)

R.T.: 14.459 min
Delta R.T.: -0.010 min
Response: 1233531
Conc: 39.19 ug/ml



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

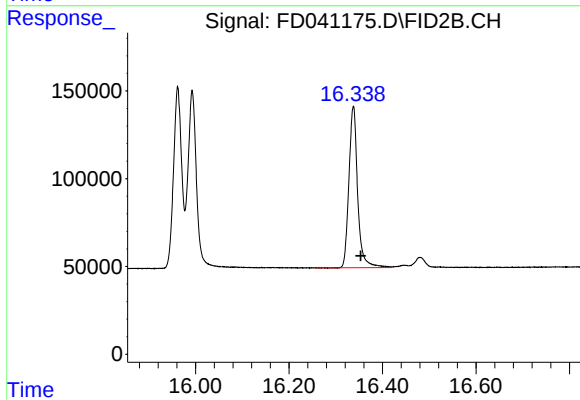
R.T.: 15.962 min
Delta R.T.: -0.008 min
Response: 1239940
Conc: 49.84 ug/ml



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

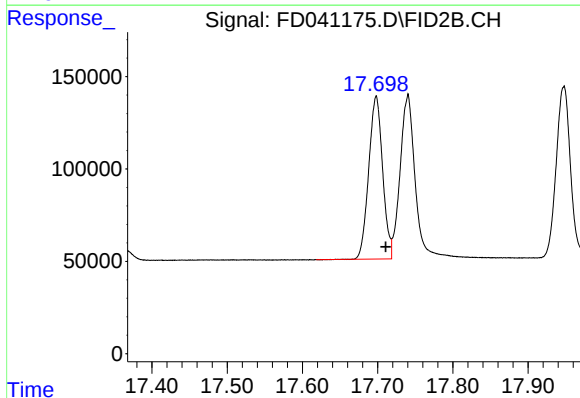
R.T.: 15.993 min
Delta R.T.: -0.009 min
Response: 1284246
Conc: 42.08 ug/ml

Instrument :
FID_D
ClientSampleId :



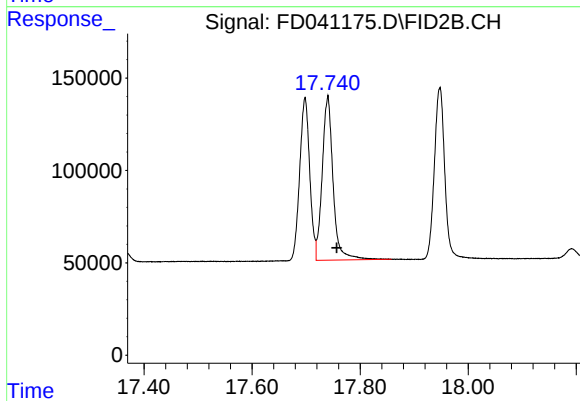
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.337 min
Delta R.T.: -0.016 min
Response: 1193214
Conc: 46.81 ug/ml



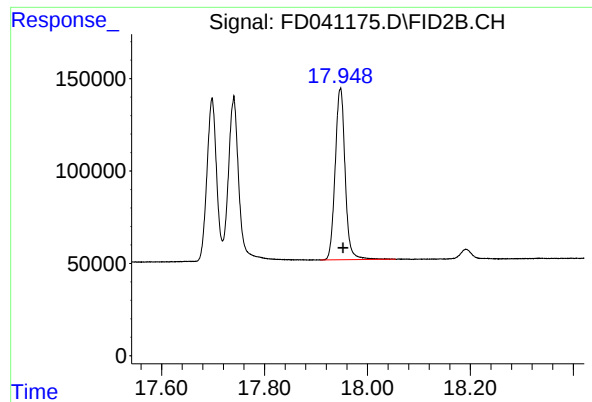
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.698 min
Delta R.T.: -0.013 min
Response: 1131297
Conc: 47.93 ug/ml



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

R.T.: 17.740 min
Delta R.T.: -0.017 min
Response: 1244209
Conc: 41.99 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.005 min
Response: 1243912
Conc: 46.84 ug/ml

Instrument :

FID_D

ClientSampleId :