

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031622AR\
 Data File : FD041618.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2022 00:30
 Operator : UA/NP
 Sample : N1956-03MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TPK-3MSD

Integration File: autoint1.e
 Quant Time: Mar 18 04:01:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.355	6873964	42.543 ug/ml
Spiked Amount 50.000		Recovery =	85.09%
6) S 2-Fluorobiphenyl (SURR)	8.204	4422927	42.489 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.98%
11) S ortho-Terphenyl (SURR)	11.237	6896904	39.320 ug/ml
Spiked Amount 50.000		Recovery =	78.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	3827382	21.838 ug/ml
2) T Naphthalene (C11.7)	5.697	4756164	26.077 ug/ml
3) T 2-Methylnaphthalene (...)	6.743	5254860	29.034 ug/ml
5) T Acenaphthylene (C15.06)	8.006	5741021	32.114 ug/ml
7) T Acenaphthene (C15.5)	8.301	6451372	33.751 ug/ml
8) T Fluorene (C16.55)	9.078	6375584	37.232 ug/ml
9) T Phenanthrene (C19.36)	10.465	6440736	39.203 ug/ml
10) T Anthracene (C19.43)	10.540	6457045	40.376 ug/ml
12) T Fluoranthene (C21.85)	12.268	6560206	39.045 ug/ml
13) T Pyrene (C20.8)	12.561	6147862	36.670 ug/ml
14) T Benzo[a]anthracene (C...	14.430	5797275	39.949 ug/ml
15) T Chrysene (C27.41)	14.473	5914893	35.919 ug/ml
16) T benzo[b]fluoranthene ...	15.979	5747733	42.113 ug/ml
17) T Bnezo[k]fluoranthene ...	16.013	5876776	39.824 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	5173995	39.349 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.722	5264477	41.996 ug/ml
20) T Dibenz[a,h]anthracene...	17.760	5716533	40.441 ug/ml
21) T Benzo[g,h,i]perylene ...	17.973	5470039	42.248 ug/ml

(f)=RT Delta > 1/2 Window

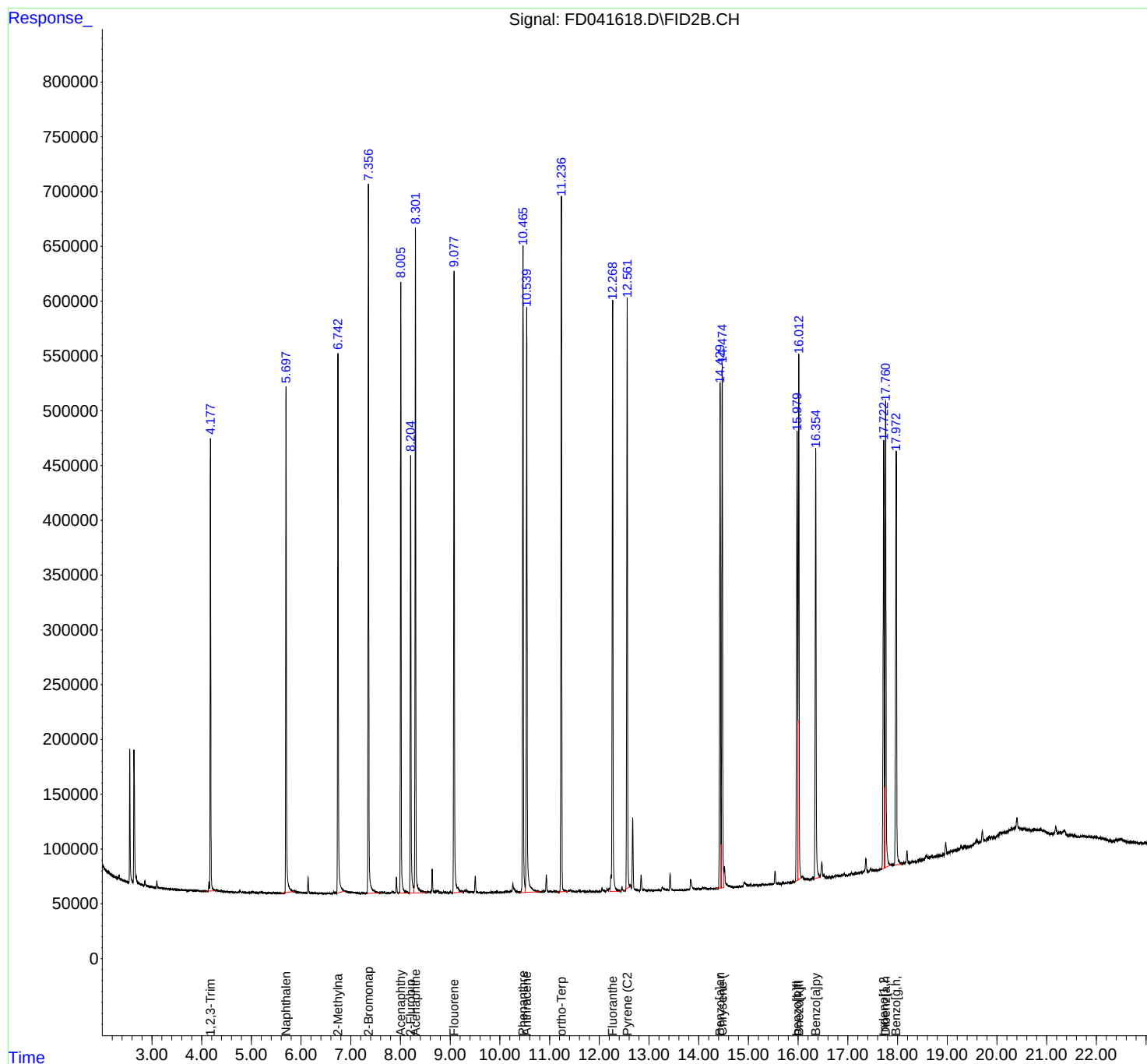
(m)=manual int.

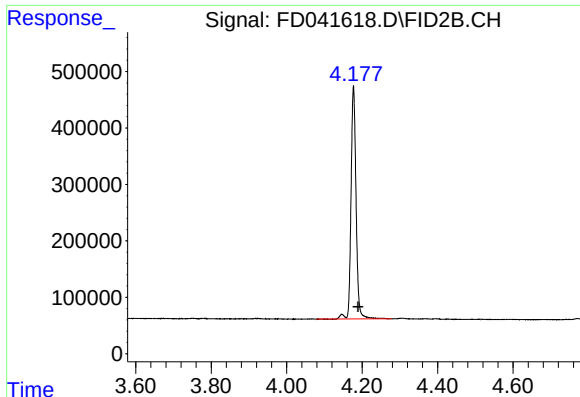
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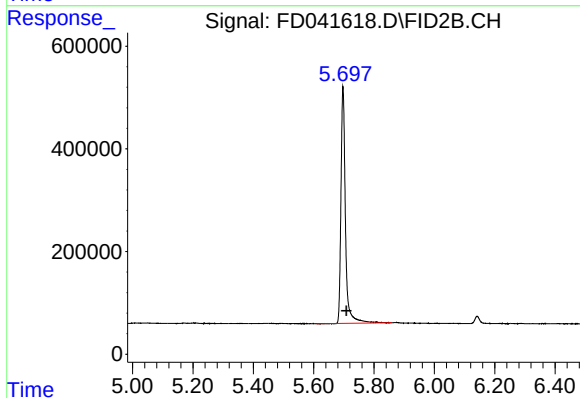




#1 1,2,3-Trimethylbenzene (C10.1)

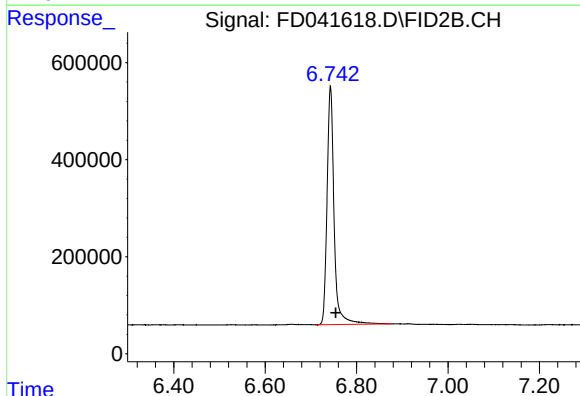
R.T.: 4.177 min
Delta R.T.: -0.012 min
Response: 3827382
Conc: 21.84 ug/ml

Instrument :
FID_D
ClientSampleId :
TPK-3MSD



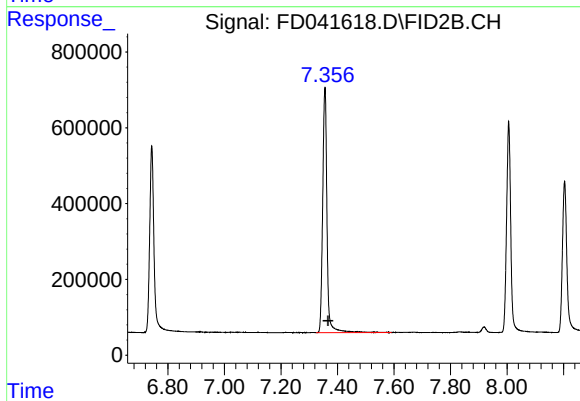
#2 Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.012 min
Response: 4756164
Conc: 26.08 ug/ml



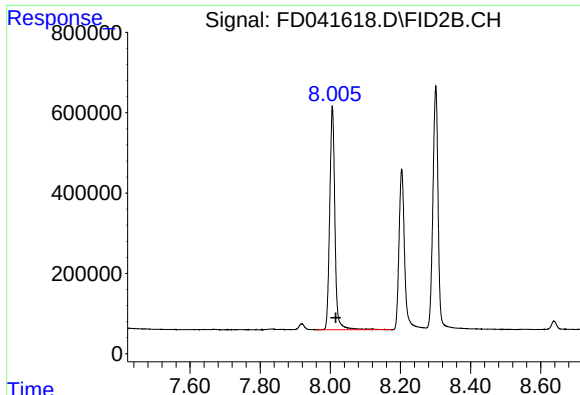
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.743 min
Delta R.T.: -0.011 min
Response: 5254860
Conc: 29.03 ug/ml



#4 2-Bromonaphthalene (SURR)

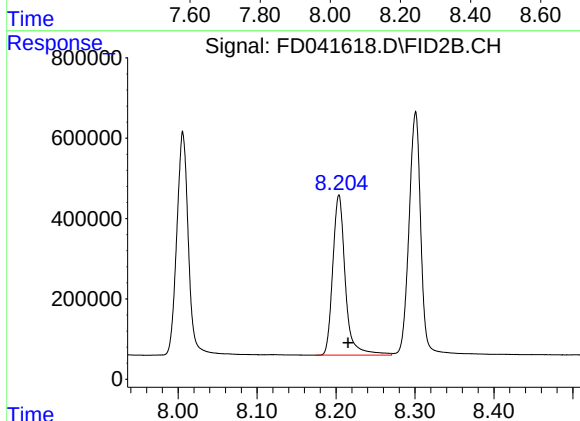
R.T.: 7.355 min
Delta R.T.: -0.011 min
Response: 6873964
Conc: 42.54 ug/ml



#5 Acenaphthylene (C15.06)

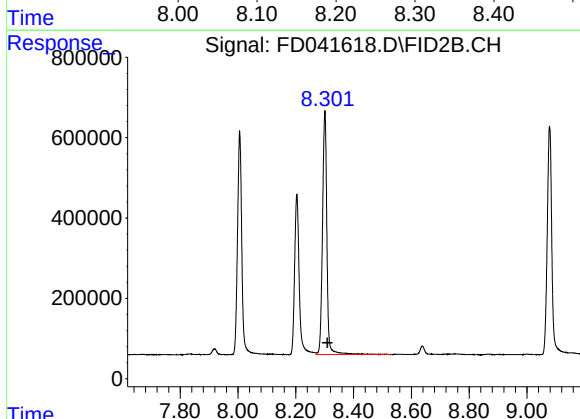
R.T.: 8.006 min
Delta R.T.: -0.010 min
Response: 5741021
Conc: 32.11 ug/ml

Instrument :
FID_D
ClientSampleId :
TPK-3MSD



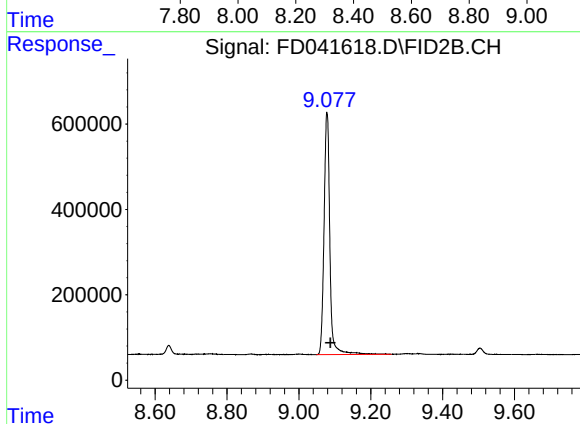
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min
Delta R.T.: -0.012 min
Response: 4422927
Conc: 42.49 ug/ml



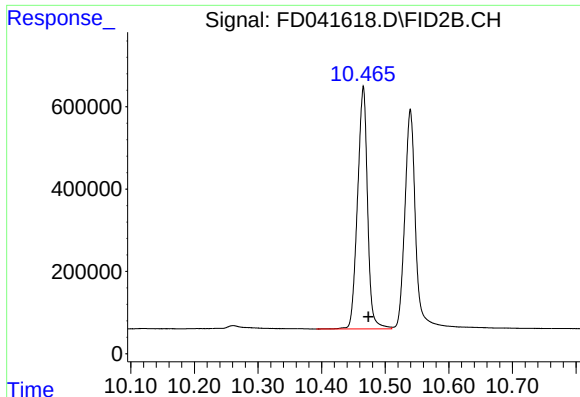
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: -0.008 min
Response: 6451372
Conc: 33.75 ug/ml



#8 Fluorene (C16.55)

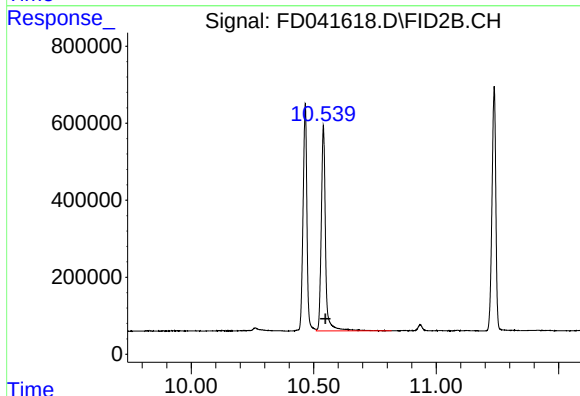
R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 6375584
Conc: 37.23 ug/ml



#9 Phenanthrene (C19.36)

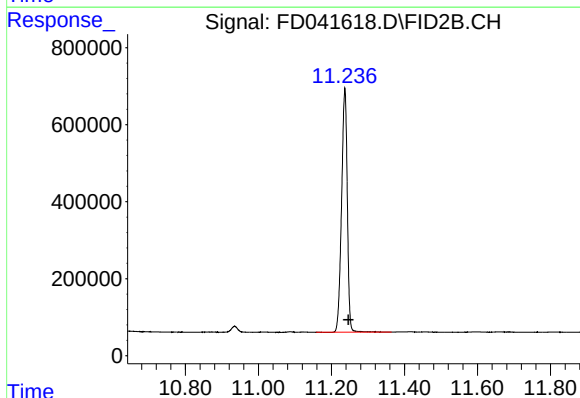
R.T.: 10.465 min
Delta R.T.: -0.009 min
Response: 6440736
Conc: 39.20 ug/ml

Instrument :
FID_D
ClientSampleId :
TPK-3MSD



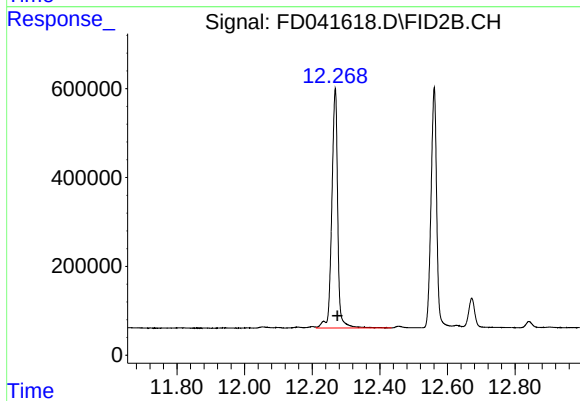
#10 Anthracene (C19.43)

R.T.: 10.540 min
Delta R.T.: -0.009 min
Response: 6457045
Conc: 40.38 ug/ml



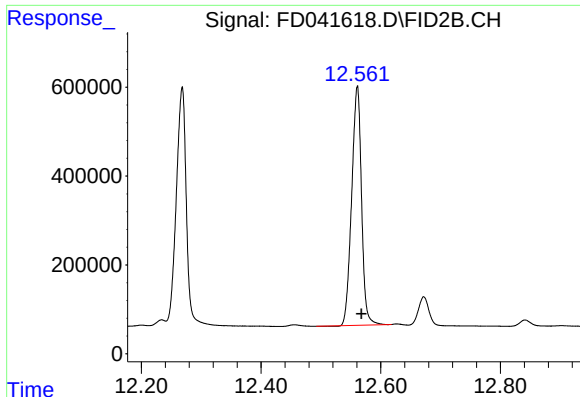
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: -0.010 min
Response: 6896904
Conc: 39.32 ug/ml



#12 Fluoranthene (C21.85)

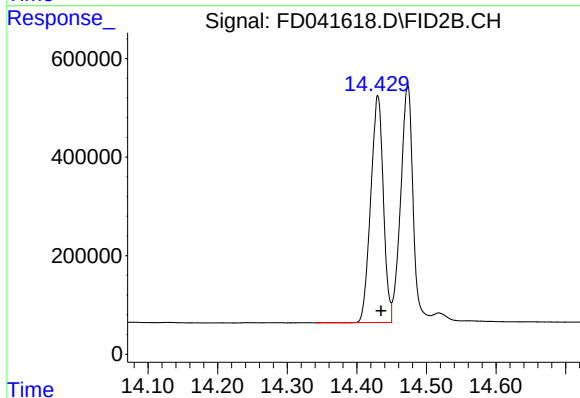
R.T.: 12.268 min
Delta R.T.: -0.007 min
Response: 6560206
Conc: 39.05 ug/ml



#13 Pyrene (C20.8)

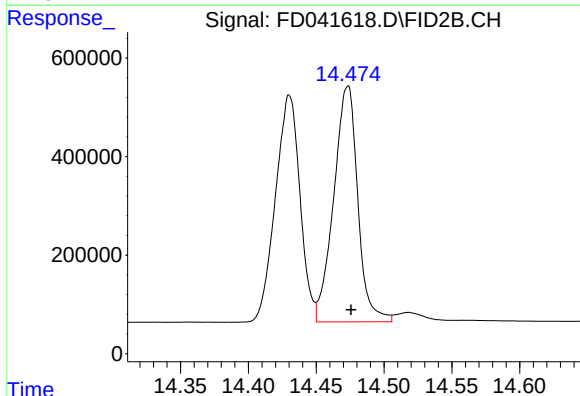
R.T.: 12.561 min
Delta R.T.: -0.007 min
Response: 6147862
Conc: 36.67 ug/ml

Instrument :
FID_D
ClientSampleId :
TPK-3MSD



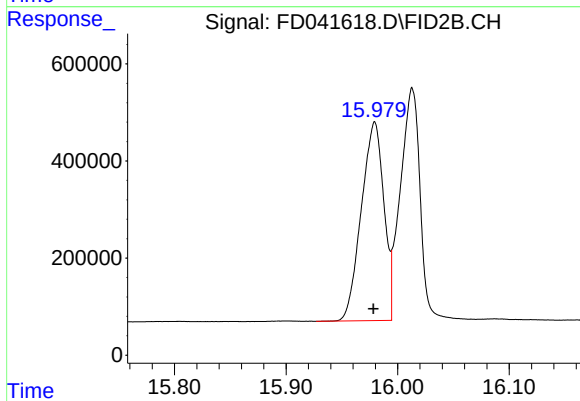
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min
Delta R.T.: -0.005 min
Response: 5797275
Conc: 39.95 ug/ml



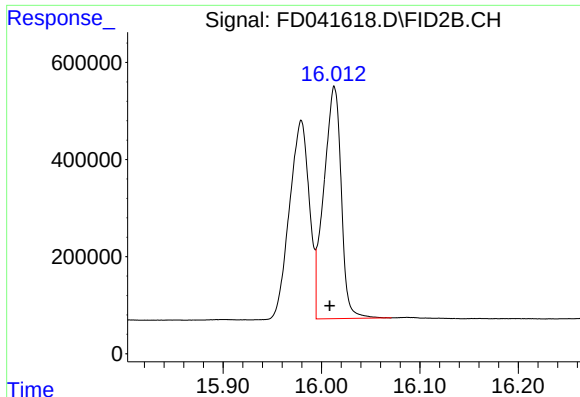
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: -0.003 min
Response: 5914893
Conc: 35.92 ug/ml



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

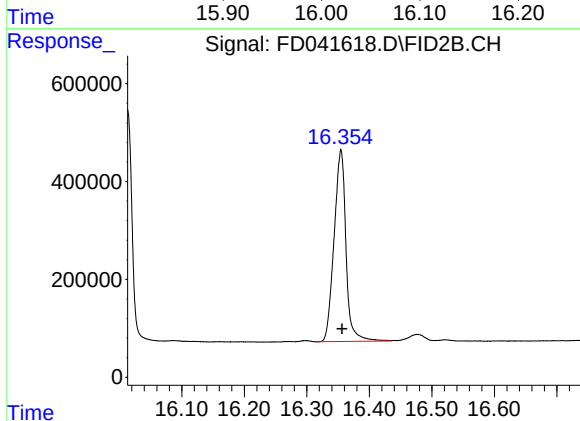
R.T.: 15.979 min
Delta R.T.: 0.000 min
Response: 5747733
Conc: 42.11 ug/ml



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

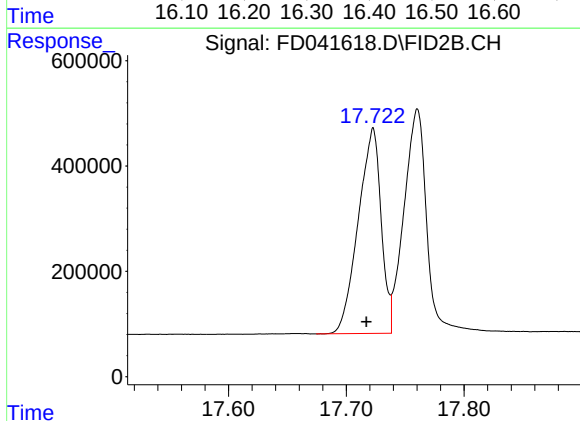
R.T.: 16.013 min
Delta R.T.: 0.004 min
Response: 5876776
Conc: 39.82 ug/ml

Instrument :
FID_D
ClientSampleId :
TPK-3MSD



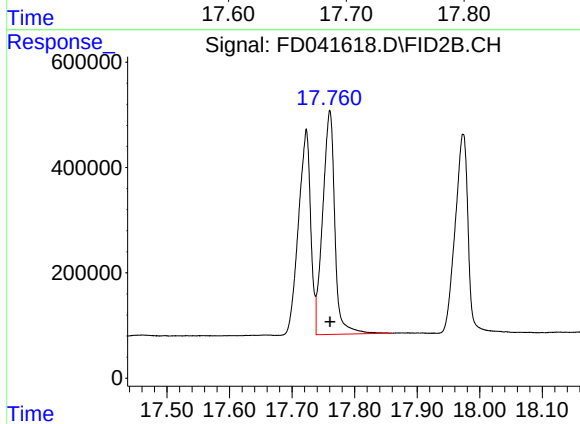
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.002 min
Response: 5173995
Conc: 39.35 ug/ml



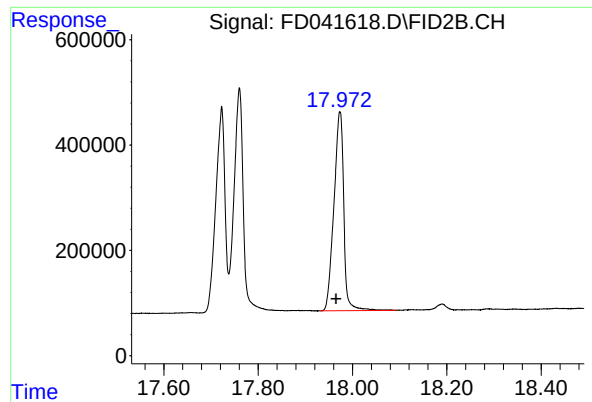
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.722 min
Delta R.T.: 0.005 min
Response: 5264477
Conc: 42.00 ug/ml



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

R.T.: 17.760 min
Delta R.T.: 0.000 min
Response: 5716533
Conc: 40.44 ug/ml



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

R.T.: 17.973 min
Delta R.T.: 0.008 min
Response: 5470039
Conc: 42.25 ug/ml

Instrument :
FID_D
ClientSampleId :
TPK-3MSD