

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042419AR\
 Data File : FD029040.D
 Signal(s) : FID2B.CH
 Acq On : 24 Apr 2019 20:05
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 25 03:22:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 2019
 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...	7.088	2020831	20.260 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
6) S 2-Fluorobiphenyl (SURR)	7.954	1339150	19.541 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.08%
11) S ortho-Terphenyl (SURR)	10.992	2102997	19.738 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.912	2077541	21.975 ug/ml
2) T Naphthalene (C11.7)	5.433	2283003	21.364 ug/ml
3) T 2-Methylnaphthalene (...)	6.481	2260443	20.653 ug/ml
5) T Acenaphthylene (C15.06)	7.758	2108019	19.690 ug/ml
7) T Acenaphthene (C15.5)	8.053	2215635	19.712 ug/ml
8) T Fluorene (C16.55)	8.833	2164615	19.342 ug/ml
9) T Phenanthrene (C19.36)	10.230	2133907	19.878 ug/ml
10) T Anthracene (C19.43)	10.304	2044303	19.218 ug/ml
12) T Fluoranthene (C21.85)	12.040	2256954	22.462 ug/ml
13) T Pyrene (C20.8)	12.339	2287747	22.540 ug/ml
14) T Benzo[a]anthracene (C...	14.205	2357321	23.243 ug/ml
15) T Chrysene (C27.41)	14.248	2367945	23.228 ug/ml
16) T benzo[b]fluoranthene ...	15.751	2439257	22.735 ug/ml
17) T Bnezo[k]fluoranthene ...	15.784	2407874	22.677 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.130	2417004	22.628 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.492	2358583	21.837 ug/ml
20) T Dibenz[a,h]anthracene...	17.531	2371279	22.367 ug/ml
21) T Benzo[g,h,i]perylene ...	17.747	2349665	21.948 ug/ml

(f)=RT Delta > 1/2 Window

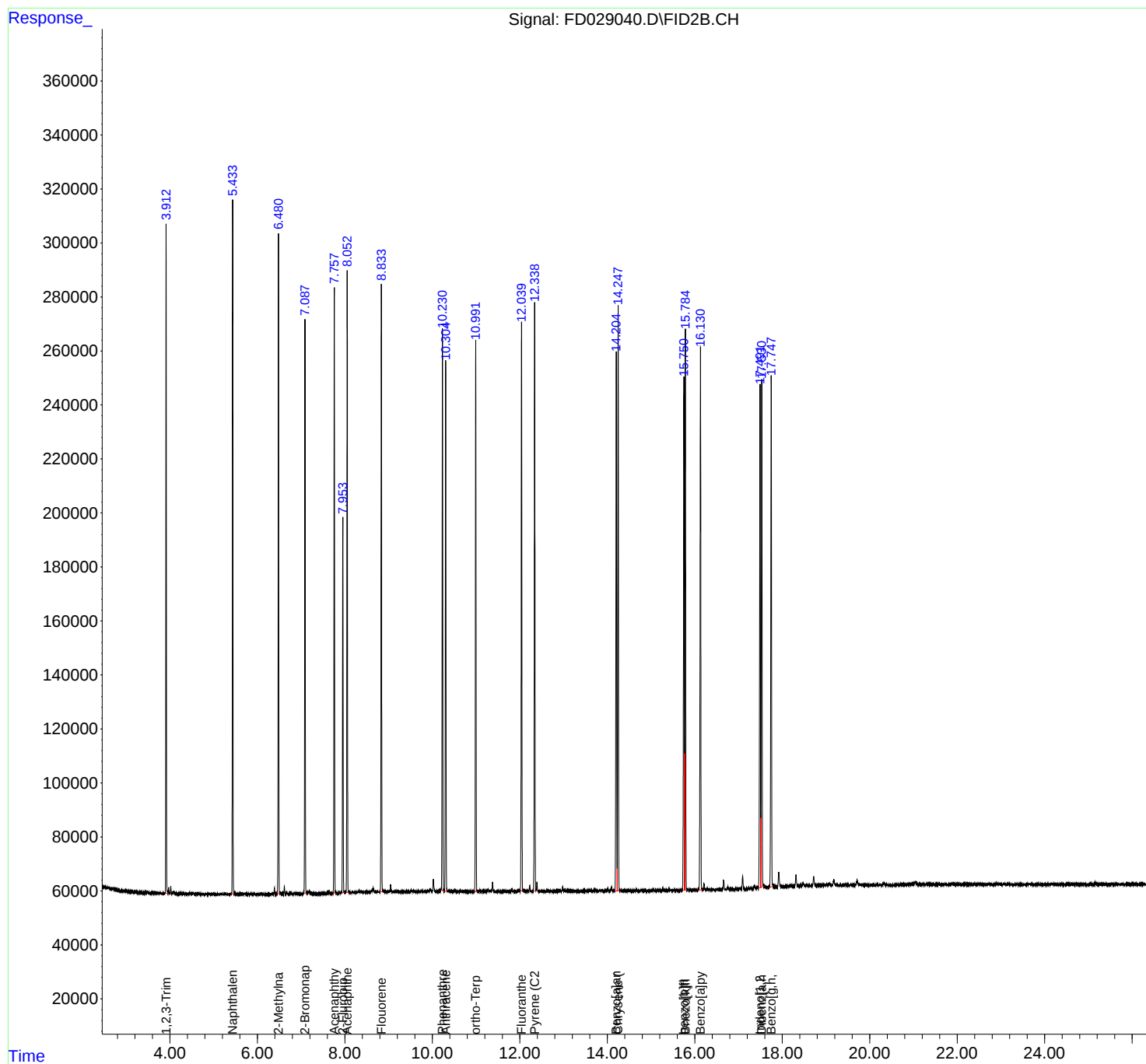
(m)=manual int.

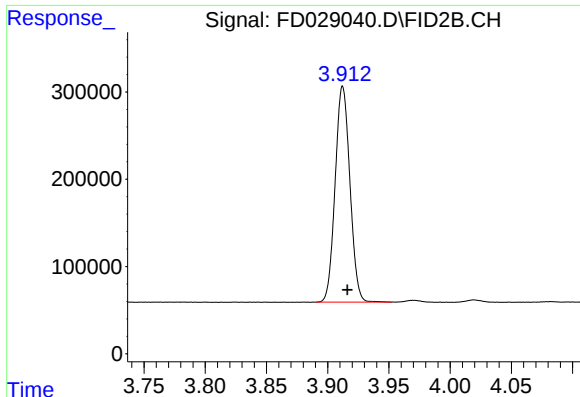
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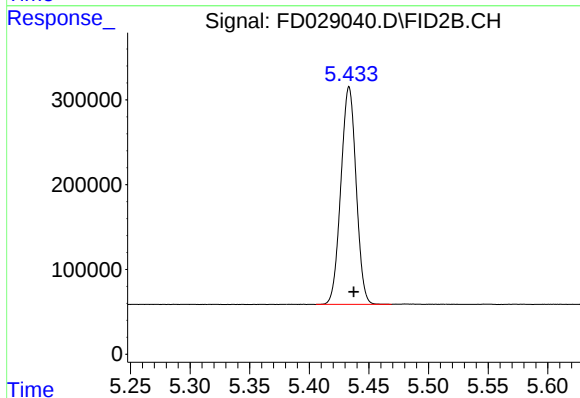




#1 1,2,3-Trimethylbenzene (C10.1)

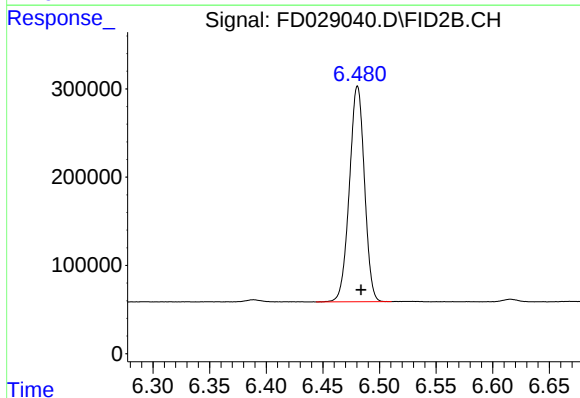
R.T.: 3.912 min
Delta R.T.: -0.004 min
Response: 2077541
Conc: 21.98 ug/ml

Instrument :
FID_D
ClientSampleId :



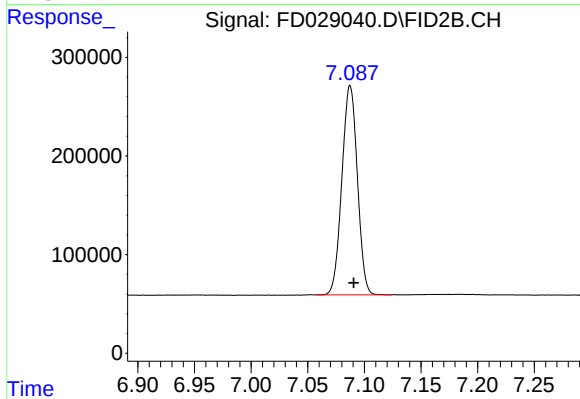
#2 Naphthalene (C11.7)

R.T.: 5.433 min
Delta R.T.: -0.004 min
Response: 2283003
Conc: 21.36 ug/ml



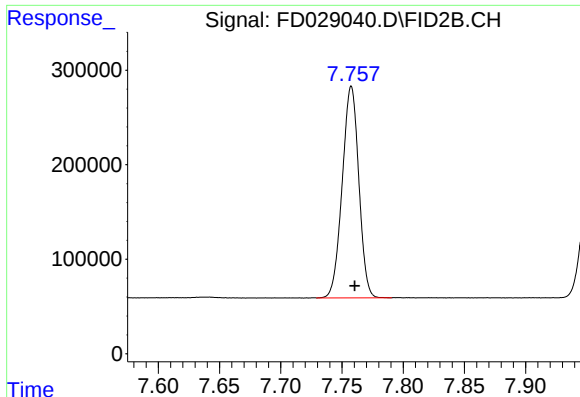
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 2260443
Conc: 20.65 ug/ml



#4 2-Bromonaphthalene (SURR)

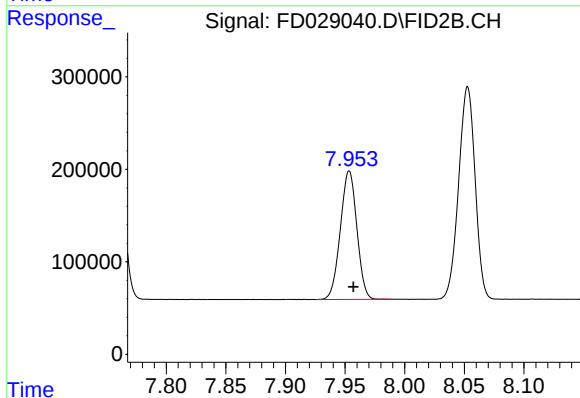
R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 2020831
Conc: 20.26 ug/ml



#5 Acenaphthylene (C15.06)

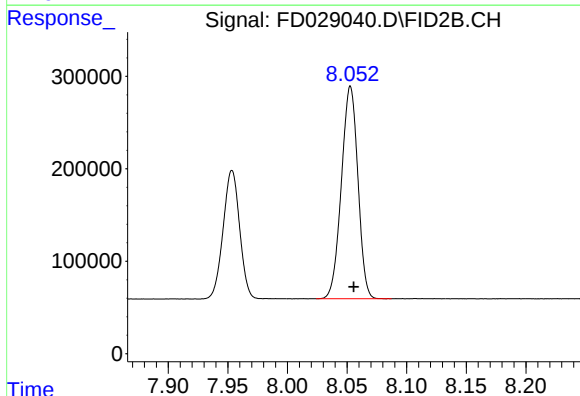
R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 2108019
Conc: 19.69 ug/ml

Instrument :
FID_D
ClientSampleId :



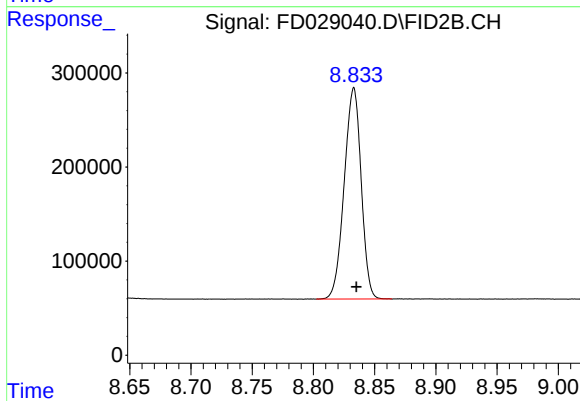
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.954 min
Delta R.T.: -0.004 min
Response: 1339150
Conc: 19.54 ug/ml



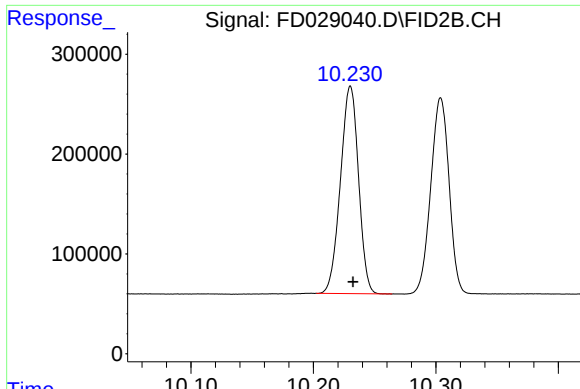
#7 Acenaphthene (C15.5)

R.T.: 8.053 min
Delta R.T.: -0.003 min
Response: 2215635
Conc: 19.71 ug/ml



#8 Flouorene (C16.55)

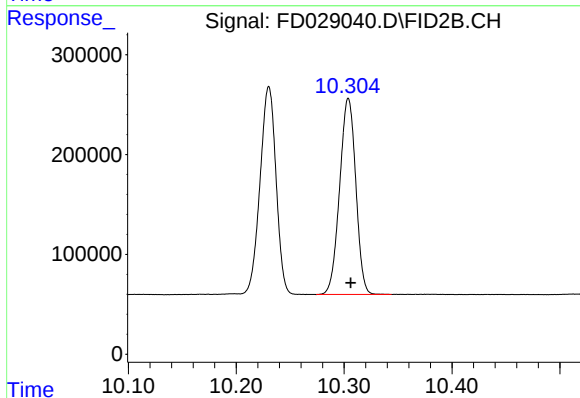
R.T.: 8.833 min
Delta R.T.: -0.002 min
Response: 2164615
Conc: 19.34 ug/ml



#9 Phenanthrene (C19.36)

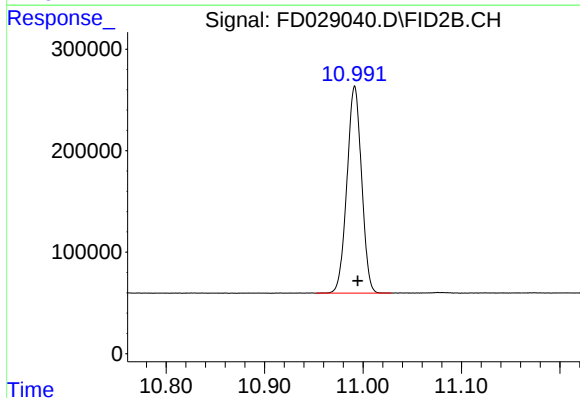
R.T.: 10.230 min
Delta R.T.: -0.002 min
Response: 2133907
Conc: 19.88 ug/ml

Instrument :
FID_D
ClientSampleId :



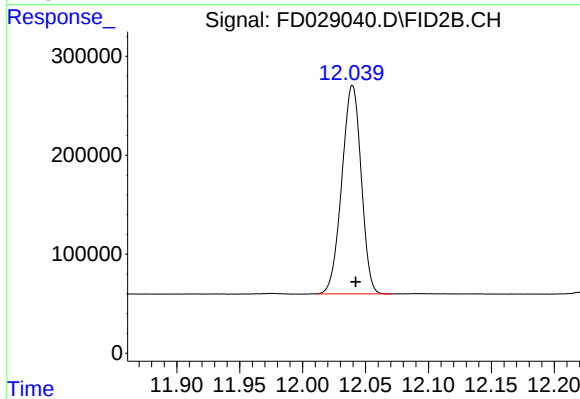
#10 Anthracene (C19.43)

R.T.: 10.304 min
Delta R.T.: -0.002 min
Response: 2044303
Conc: 19.22 ug/ml



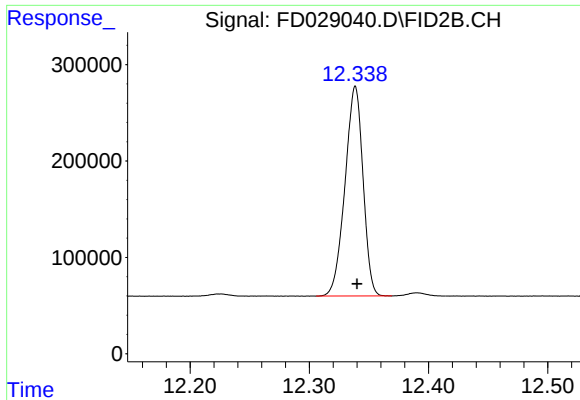
#11 ortho-Terphenyl (SURR)

R.T.: 10.992 min
Delta R.T.: -0.003 min
Response: 2102997
Conc: 19.74 ug/ml



#12 Fluoranthene (C21.85)

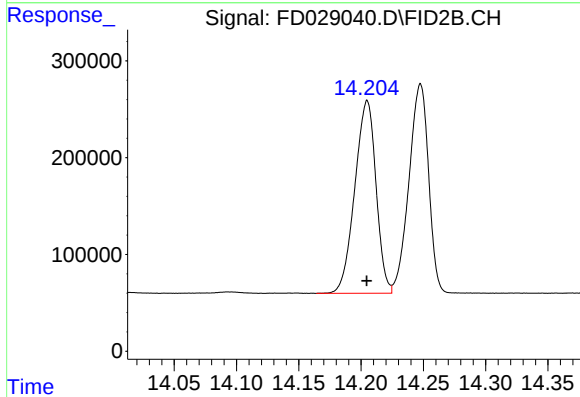
R.T.: 12.040 min
Delta R.T.: -0.003 min
Response: 2256954
Conc: 22.46 ug/ml



#13 Pyrene (C20.8)

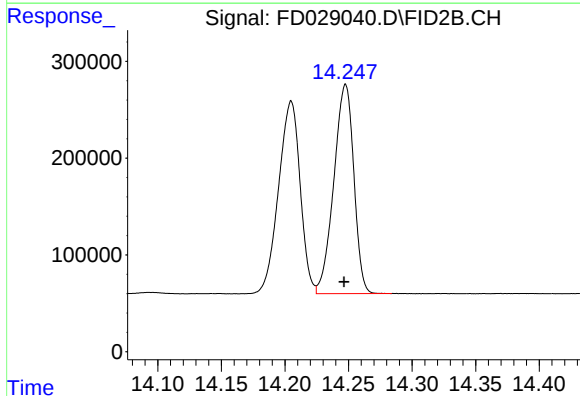
R.T.: 12.339 min
Delta R.T.: -0.001 min
Response: 2287747
Conc: 22.54 ug/ml

Instrument :
FID_D
ClientSampleId :



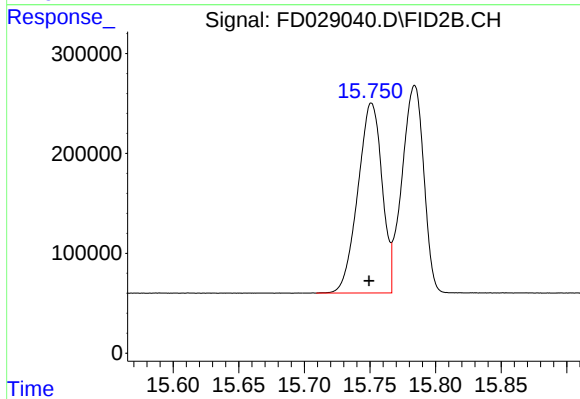
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.205 min
Delta R.T.: 0.000 min
Response: 2357321
Conc: 23.24 ug/ml



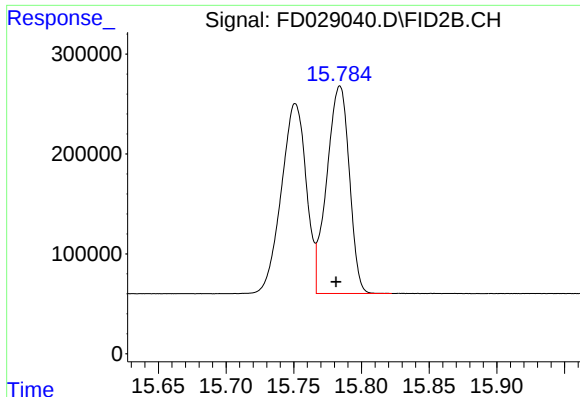
#15 Chrysene (C27.41)

R.T.: 14.248 min
Delta R.T.: 0.001 min
Response: 2367945
Conc: 23.23 ug/ml



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

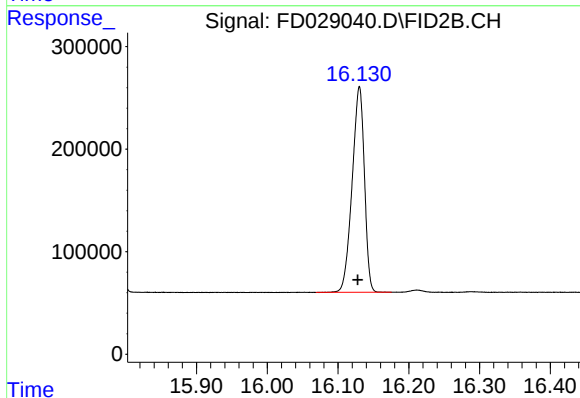
R.T.: 15.751 min
Delta R.T.: 0.002 min
Response: 2439257
Conc: 22.73 ug/ml



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

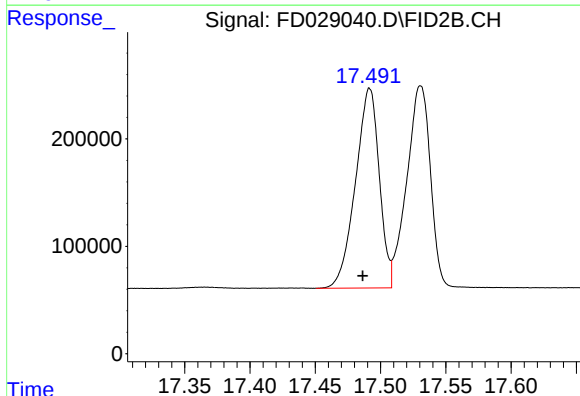
R.T.: 15.784 min
Delta R.T.: 0.003 min
Response: 2407874
Conc: 22.68 ug/ml

Instrument :
FID_D
ClientSampleId :



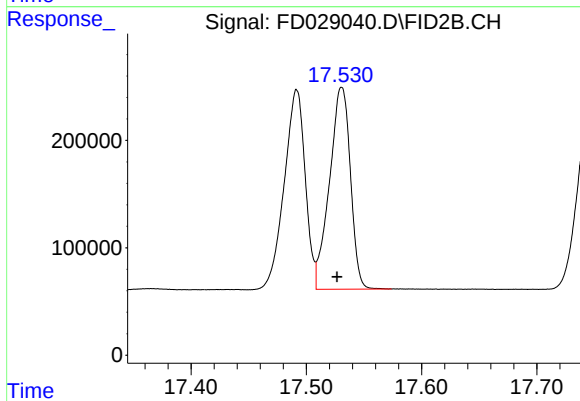
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.130 min
Delta R.T.: 0.002 min
Response: 2417004
Conc: 22.63 ug/ml



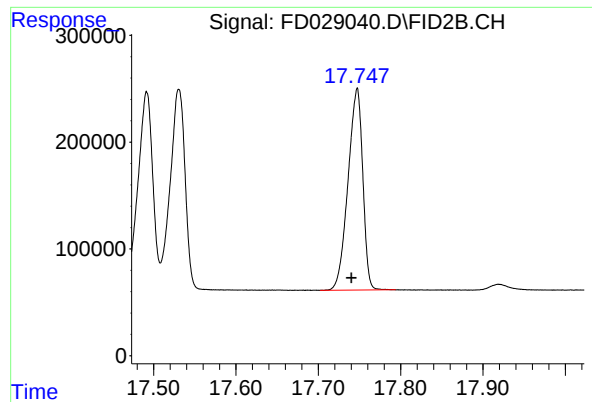
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.492 min
Delta R.T.: 0.005 min
Response: 2358583
Conc: 21.84 ug/ml



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

R.T.: 17.531 min
Delta R.T.: 0.004 min
Response: 2371279
Conc: 22.37 ug/ml



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

R.T.: 17.747 min
Delta R.T.: 0.007 min
Response: 2349665
Conc: 21.95 ug/ml

Instrument :
FID_D
ClientSampleId :