

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042419AR\
 Data File : FD029061.D
 Signal(s) : FID2B.CH
 Acq On : 25 Apr 2019 11:41
 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 12:09:30 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...	7.086	1933408	19.384 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
6) S 2-Fluorobiphenyl (SURR)	7.952	1306297	19.062 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.12%
11) S ortho-Terphenyl (SURR)	10.990	2107305	19.779 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.913	2118125	22.405 ug/ml
2) T Naphthalene (C11.7)	5.433	2228198	20.851 ug/ml
3) T 2-Methylnaphthalene (...)	6.480	2176288	19.884 ug/ml
5) T Acenaphthylene (C15.06)	7.755	2042719	19.080 ug/ml
7) T Acenaphthene (C15.5)	8.051	2145945	19.092 ug/ml
8) T Fluorene (C16.55)	8.830	2130779	19.039 ug/ml
9) T Phenanthrene (C19.36)	10.227	2182424	20.329 ug/ml
10) T Anthracene (C19.43)	10.301	2074123	19.498 ug/ml
12) T Fluoranthene (C21.85)	12.038	2310846	22.998 ug/ml
13) T Pyrene (C20.8)	12.336	2345225	23.106 ug/ml
14) T Benzo[a]anthracene (C...	14.204	2372983	23.398 ug/ml
15) T Chrysene (C27.41)	14.246	2386203	23.407 ug/ml
16) T benzo[b]fluoranthene ...	15.752	2444508	22.784 ug/ml
17) T Bnezo[k]fluoranthene ...	15.784	2408730	22.685 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.130	2415316	22.613 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.492	2347663	21.736 ug/ml
20) T Dibenz[a,h]anthracene...	17.530	2342775	22.099 ug/ml
21) T Benzo[g,h,i]perylene ...	17.747	2348169	21.935 ug/ml

(f)=RT Delta > 1/2 Window

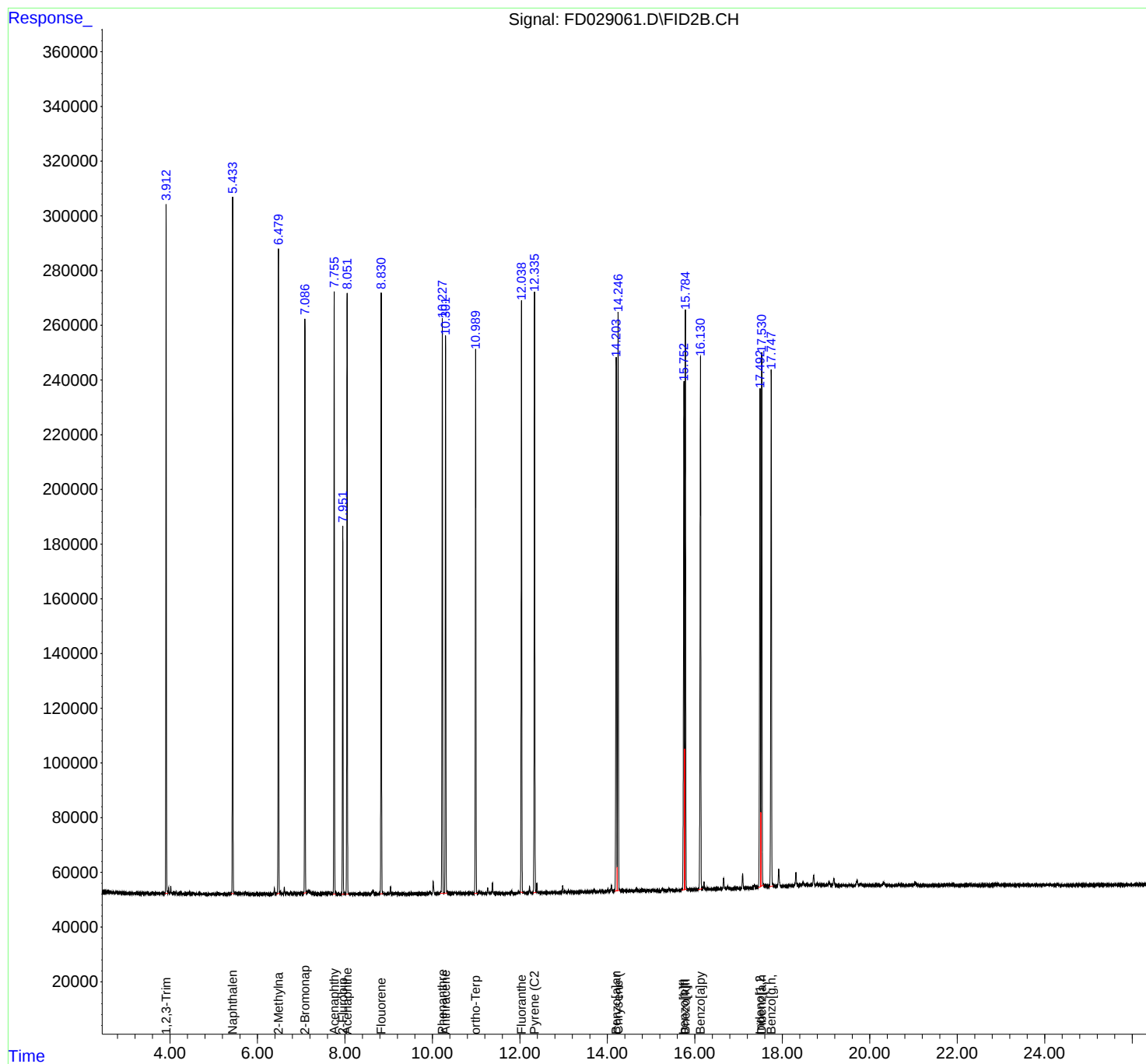
(m)=manual int.

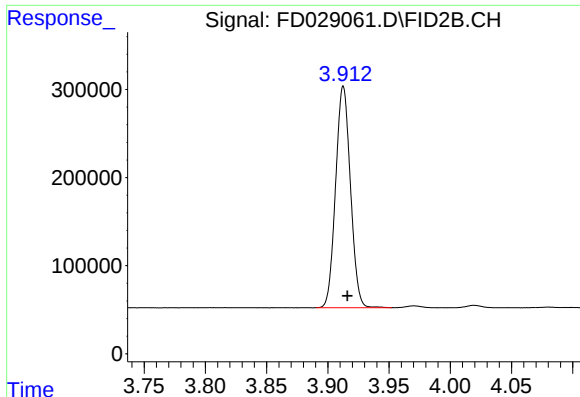
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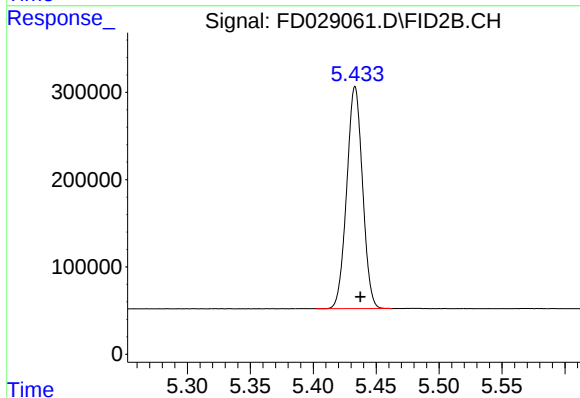




#1 1,2,3-Trimethylbenzene (C10.1)

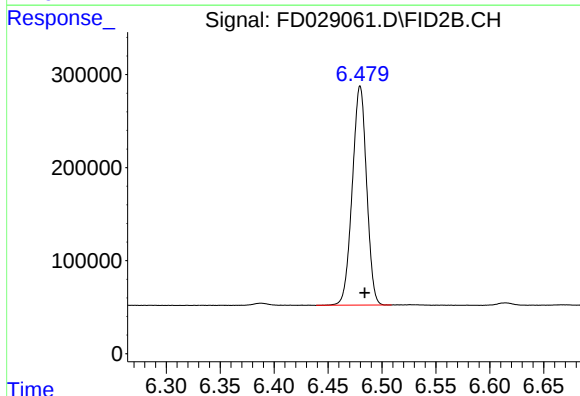
R.T.: 3.913 min
Delta R.T.: -0.003 min
Response: 2118125
Conc: 22.40 ug/ml

Instrument :
FID_D
ClientSampleId :



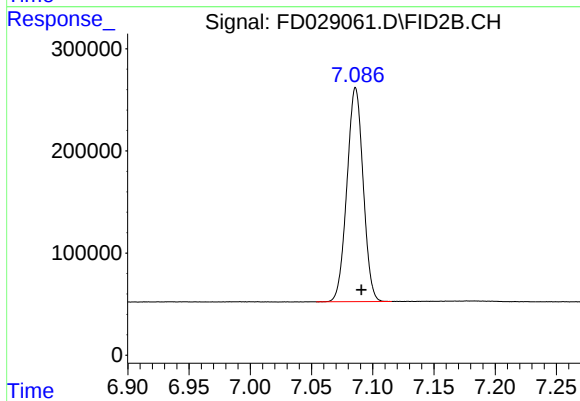
#2 Naphthalene (C11.7)

R.T.: 5.433 min
Delta R.T.: -0.004 min
Response: 2228198
Conc: 20.85 ug/ml



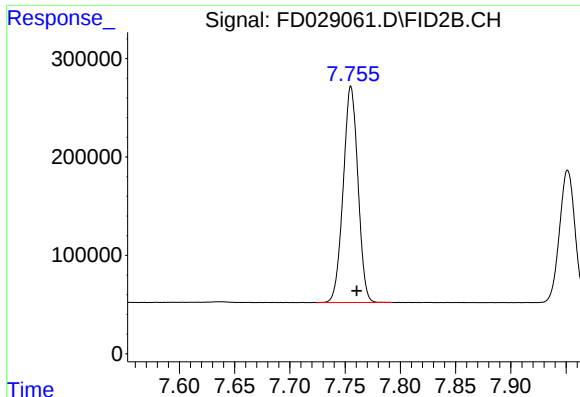
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.480 min
Delta R.T.: -0.004 min
Response: 2176288
Conc: 19.88 ug/ml



#4 2-Bromonaphthalene (SURR)

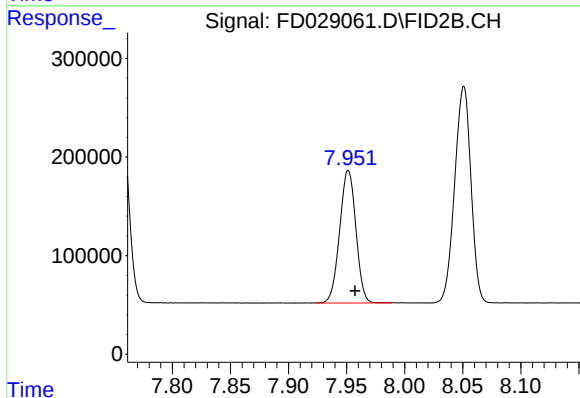
R.T.: 7.086 min
Delta R.T.: -0.005 min
Response: 1933408
Conc: 19.38 ug/ml



#5 Acenaphthylene (C15.06)

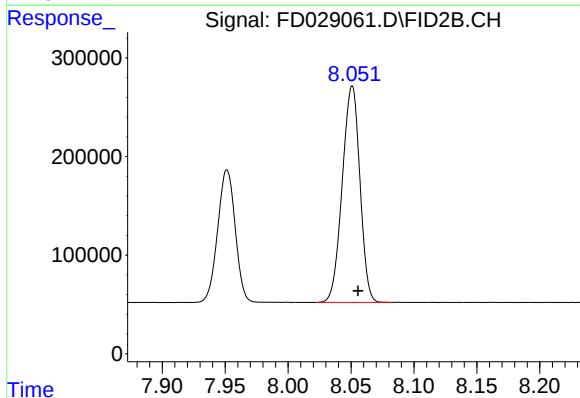
R.T.: 7.755 min
Delta R.T.: -0.005 min
Response: 2042719
Conc: 19.08 ug/ml

Instrument :
FID_D
ClientSampleId :



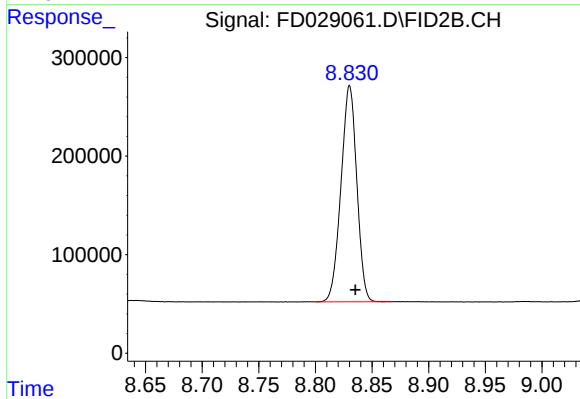
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.952 min
Delta R.T.: -0.006 min
Response: 1306297
Conc: 19.06 ug/ml



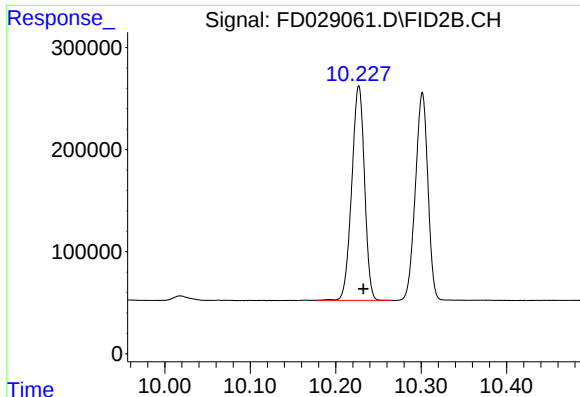
#7 Acenaphthene (C15.5)

R.T.: 8.051 min
Delta R.T.: -0.005 min
Response: 2145945
Conc: 19.09 ug/ml



#8 Flouorene (C16.55)

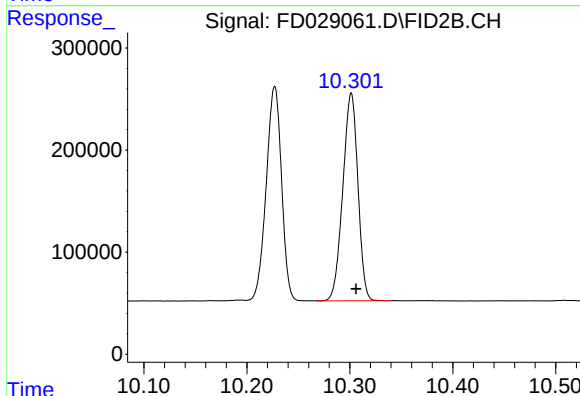
R.T.: 8.830 min
Delta R.T.: -0.005 min
Response: 2130779
Conc: 19.04 ug/ml



#9 Phenanthrene (C19.36)

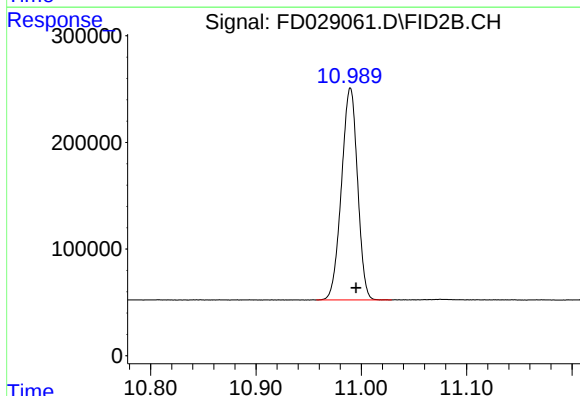
R.T.: 10.227 min
Delta R.T.: -0.005 min
Response: 2182424
Conc: 20.33 ug/ml

Instrument :
FID_D
ClientSampleId :



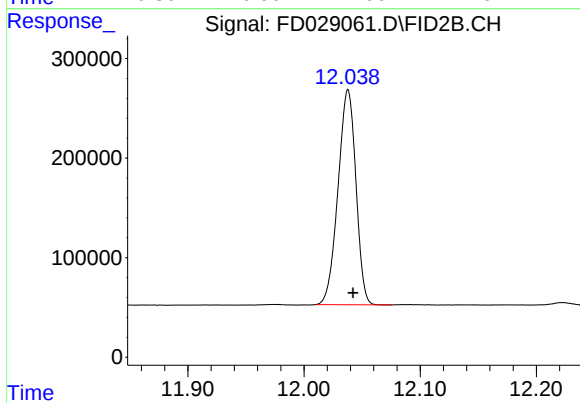
#10 Anthracene (C19.43)

R.T.: 10.301 min
Delta R.T.: -0.005 min
Response: 2074123
Conc: 19.50 ug/ml



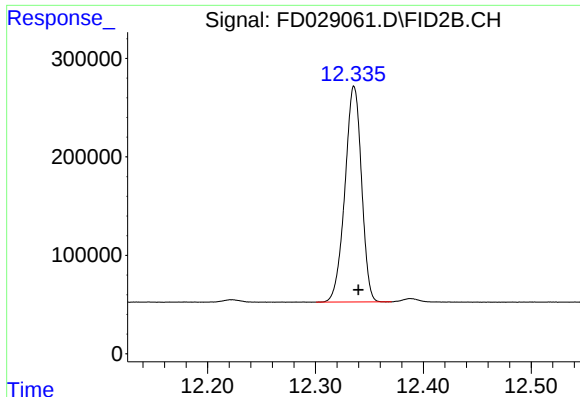
#11 ortho-Terphenyl (SURR)

R.T.: 10.990 min
Delta R.T.: -0.005 min
Response: 2107305
Conc: 19.78 ug/ml



#12 Fluoranthene (C21.85)

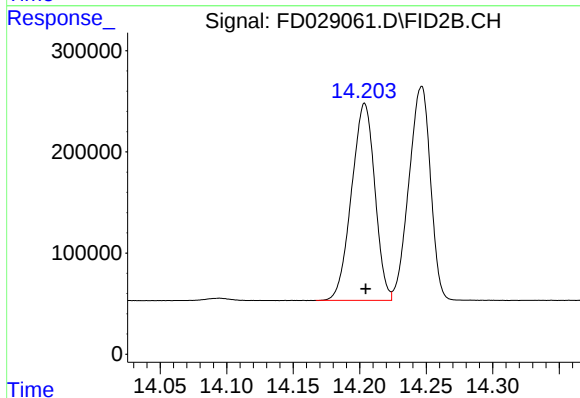
R.T.: 12.038 min
Delta R.T.: -0.004 min
Response: 2310846
Conc: 23.00 ug/ml



#13 Pyrene (C20.8)

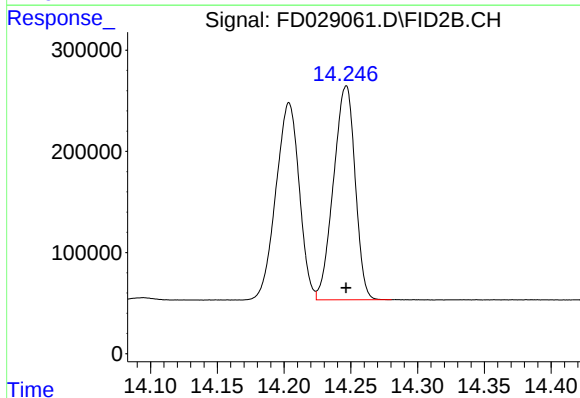
R.T.: 12.336 min
Delta R.T.: -0.004 min
Response: 2345225
Conc: 23.11 ug/ml

Instrument :
FID_D
ClientSampleId :



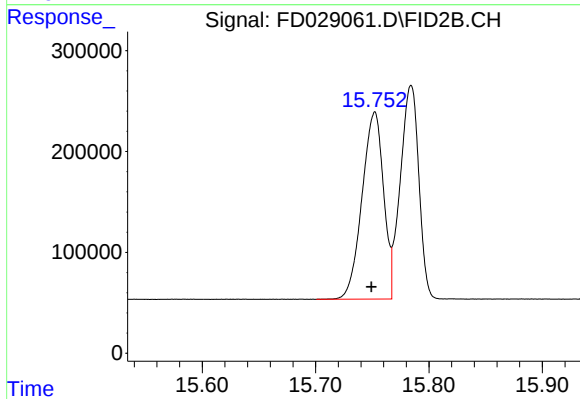
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.204 min
Delta R.T.: 0.000 min
Response: 2372983
Conc: 23.40 ug/ml



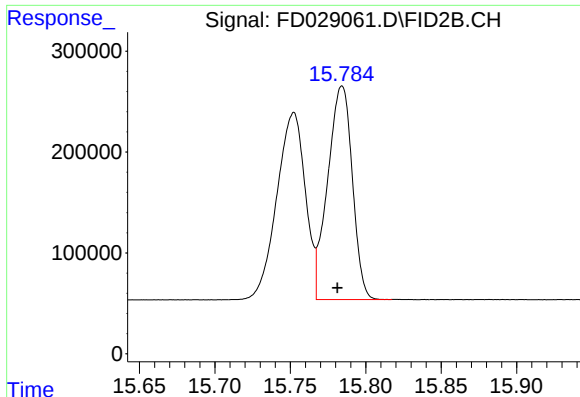
#15 Chrysene (C27.41)

R.T.: 14.246 min
Delta R.T.: 0.000 min
Response: 2386203
Conc: 23.41 ug/ml



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

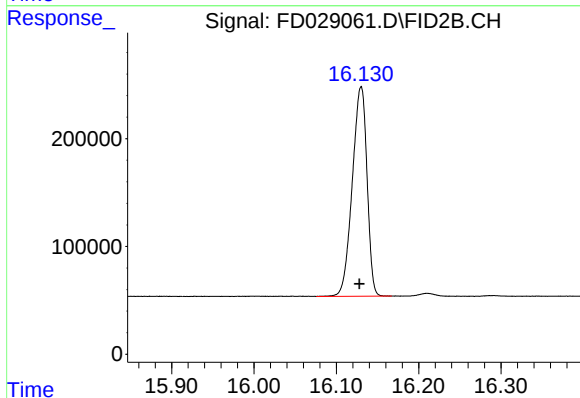
R.T.: 15.752 min
Delta R.T.: 0.003 min
Response: 2444508
Conc: 22.78 ug/ml



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

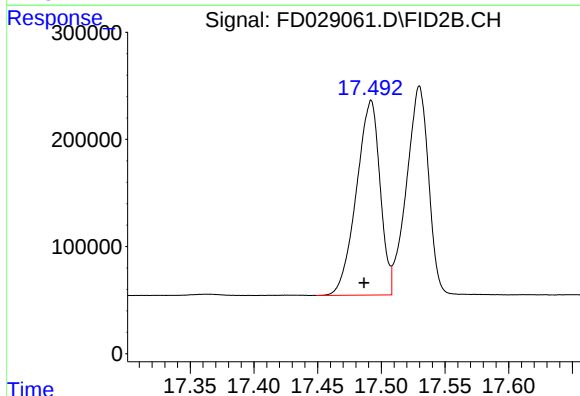
R.T.: 15.784 min
Delta R.T.: 0.003 min
Response: 2408730
Conc: 22.68 ug/ml

Instrument :
FID_D
ClientSampleId :



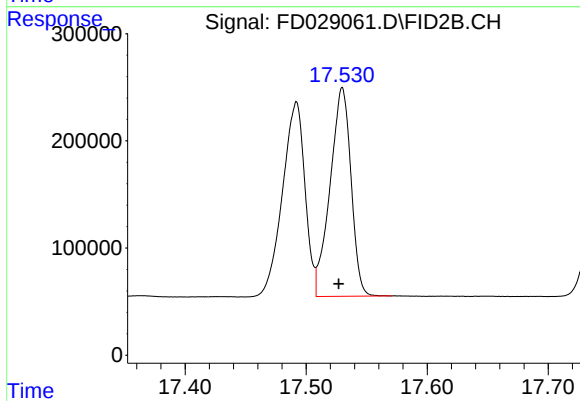
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.130 min
Delta R.T.: 0.002 min
Response: 2415316
Conc: 22.61 ug/ml



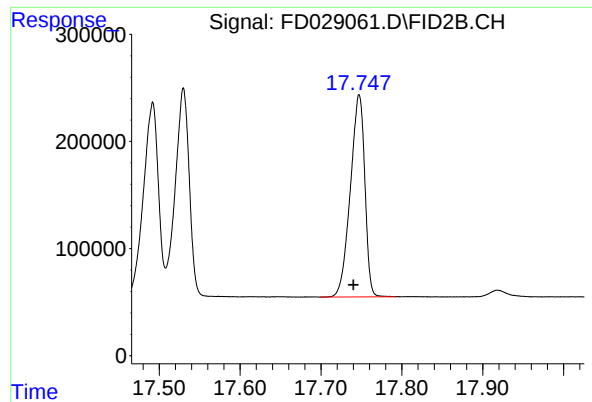
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.492 min
Delta R.T.: 0.006 min
Response: 2347663
Conc: 21.74 ug/ml



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

R.T.: 17.530 min
Delta R.T.: 0.003 min
Response: 2342775
Conc: 22.10 ug/ml



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

R.T.: 17.747 min
Delta R.T.: 0.007 min
Response: 2348169
Conc: 21.93 ug/ml

Instrument :
FID_D
ClientSampleId :