

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041719AR\
 Data File : FD028963.D
 Signal(s) : FID2B.CH
 Acq On : 18 Apr 2019 00:40
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 18 08:15:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 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...	7.091	1953985	20.596 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
6) S 2-Fluorobiphenyl (SURR)	7.956	1318331	20.222 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.44%
11) S ortho-Terphenyl (SURR)	10.995	2216066	19.917 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.915	2068780	21.148 ug/mlm
2) T Naphthalene (C11.7)	5.437	2237431	21.001 ug/ml
3) T 2-Methylnaphthalene (...)	6.484	2221037	20.761 ug/ml
5) T Acenaphthylene (C15.06)	7.760	2103942	20.318 ug/ml
7) T Acenaphthene (C15.5)	8.055	2212251	20.394 ug/ml
8) T Flouorene (C16.55)	8.836	2186729	20.114 ug/ml
9) T Phenanthrene (C19.36)	10.233	2192975	20.251 ug/ml
10) T Anthracene (C19.43)	10.307	2137379	19.897 ug/ml
12) T Fluoranthene (C21.85)	12.044	2330306	21.554 ug/ml
13) T Pyrene (C20.8)	12.342	2354429	21.864 ug/ml
14) T Benzo[a]anthracene (C...	14.210	2380341	22.703 ug/mlm
15) T Chrysene (C27.41)	14.253	2380973	22.739 ug/ml
16) T benzo[b]fluoranthene ...	15.757	2456348	22.662 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.790	2402075	22.384 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.136	2393012	22.116 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.497	2425615	21.949 ug/mlm
20) T Dibenz[a,h]anthracene...	17.537	2427601	22.583 ug/ml
21) T Benzo[g,h,i]perylene ...	17.754	2372477	21.892 ug/ml

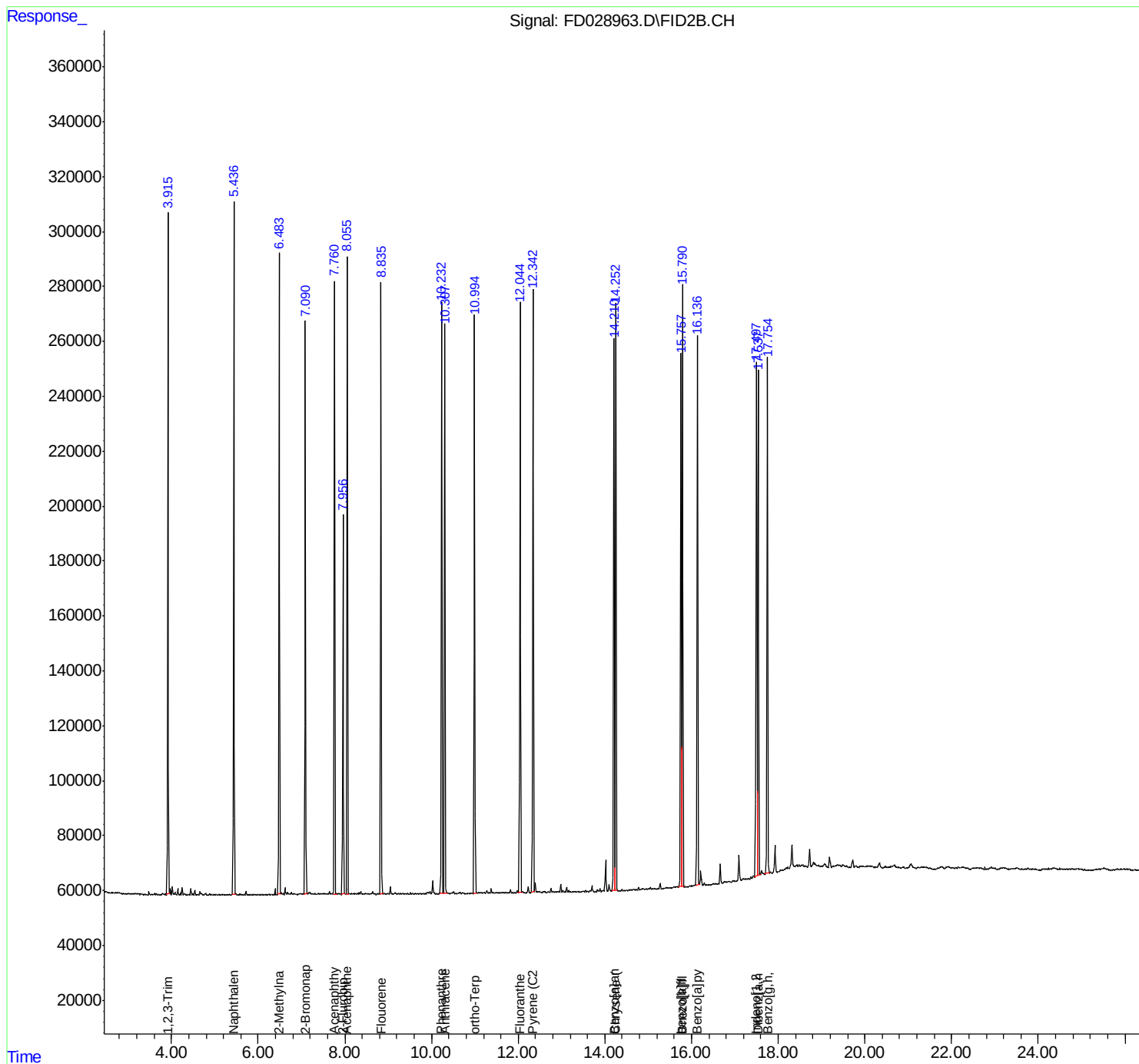
(f)=RT Delta > 1/2 Window

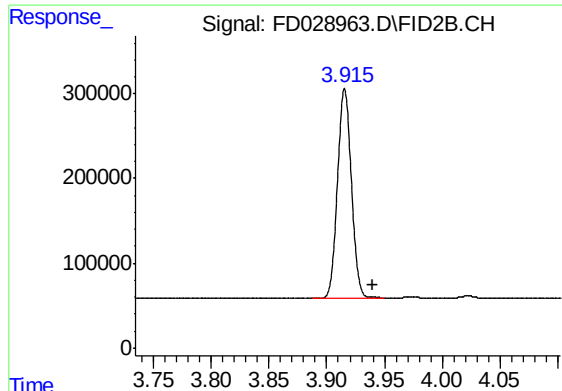
(m)=manual int.

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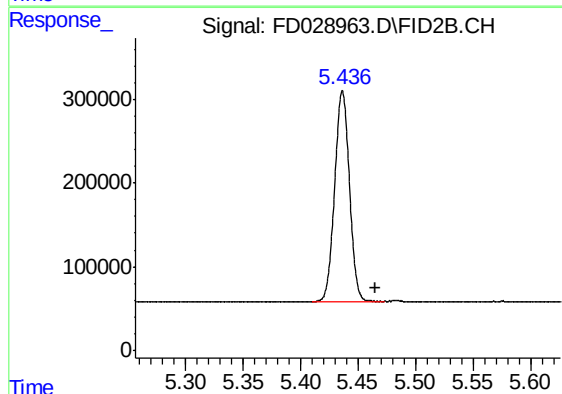
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Signal Info : 20M x 0.18mm x 0.18µm





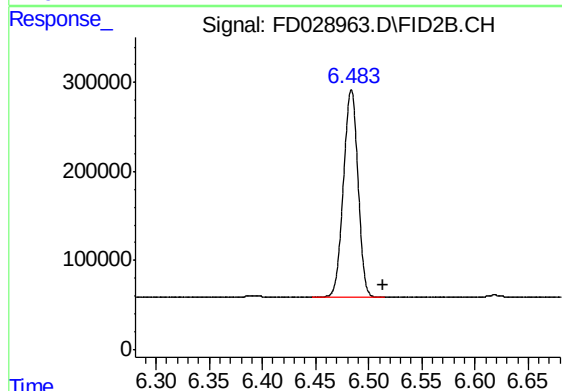
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.915 min
Delta R.T.: -0.025 min
Response: 2068780
Conc: 21.15 ug/ml m



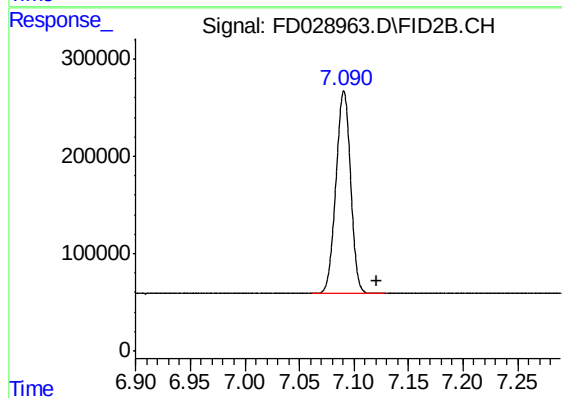
#2 Naphthalene (C11.7)

R.T.: 5.437 min
Delta R.T.: -0.028 min
Response: 2237431
Conc: 21.00 ug/ml



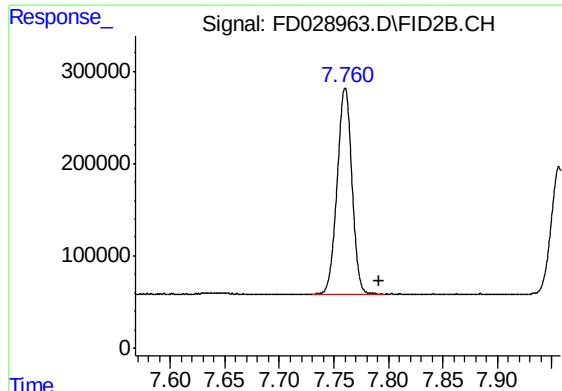
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.484 min
Delta R.T.: -0.030 min
Response: 2221037
Conc: 20.76 ug/ml



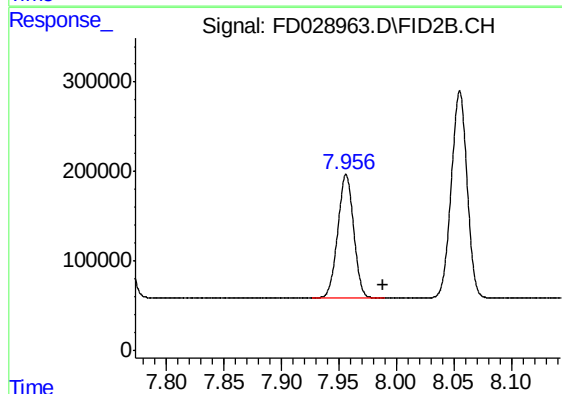
#4 2-Bromonaphthalene (SURR)

R.T.: 7.091 min
Delta R.T.: -0.030 min
Response: 1953985
Conc: 20.60 ug/ml



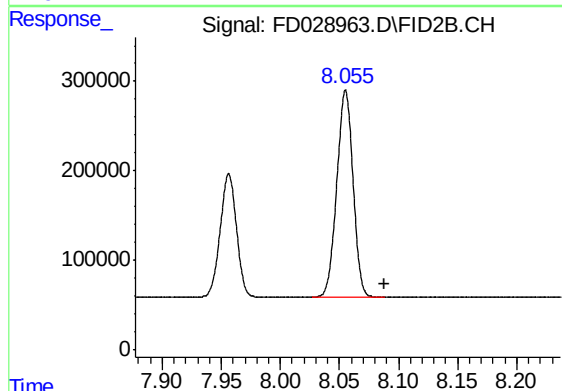
#5 Acenaphthylene (C15.06)

R.T.: 7.760 min
Delta R.T.: -0.032 min
Response: 2103942
Conc: 20.32 ug/ml



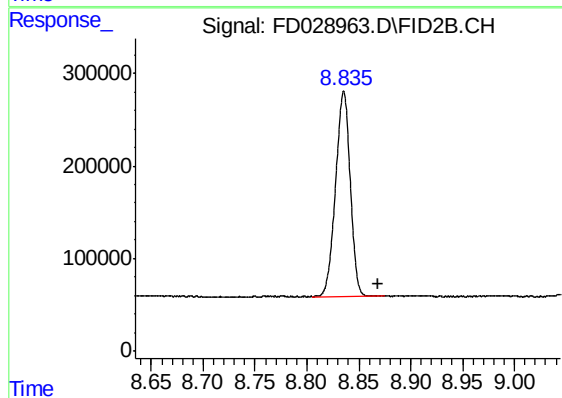
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.956 min
Delta R.T.: -0.032 min
Response: 1318331
Conc: 20.22 ug/ml



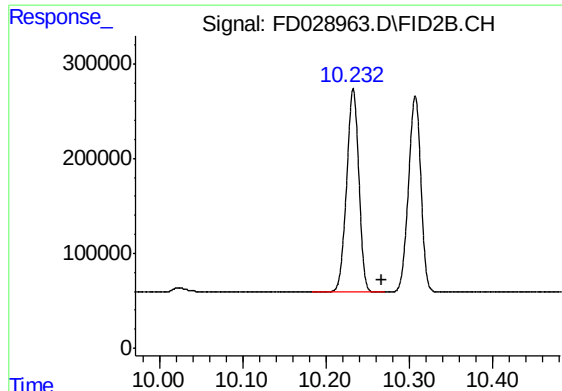
#7 Acenaphthene (C15.5)

R.T.: 8.055 min
Delta R.T.: -0.033 min
Response: 2212251
Conc: 20.39 ug/ml



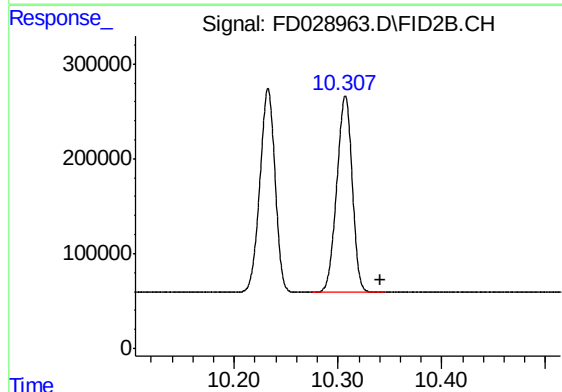
#8 Fluorene (C16.55)

R.T.: 8.836 min
Delta R.T.: -0.033 min
Response: 2186729
Conc: 20.11 ug/ml



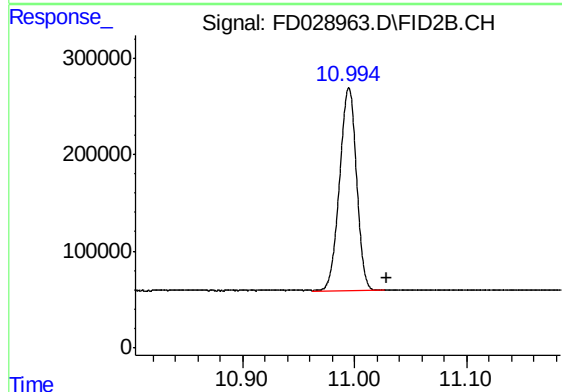
#9 Phenanthrene (C19.36)

R.T.: 10.233 min
Delta R.T.: -0.035 min
Response: 2192975
Conc: 20.25 ug/ml



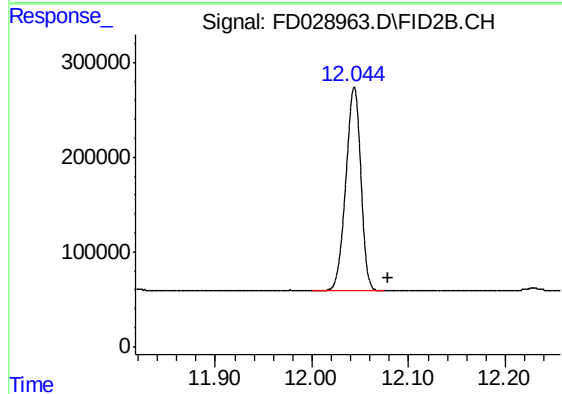
#10 Anthracene (C19.43)

R.T.: 10.307 min
Delta R.T.: -0.034 min
Response: 2137379
Conc: 19.90 ug/ml



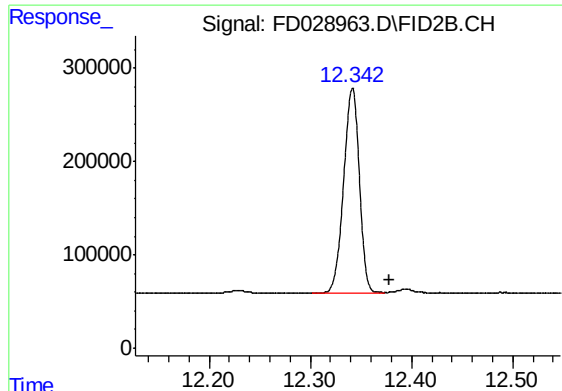
#11 ortho-Terphenyl (SURR)

R.T.: 10.995 min
Delta R.T.: -0.034 min
Response: 2216066
Conc: 19.92 ug/ml



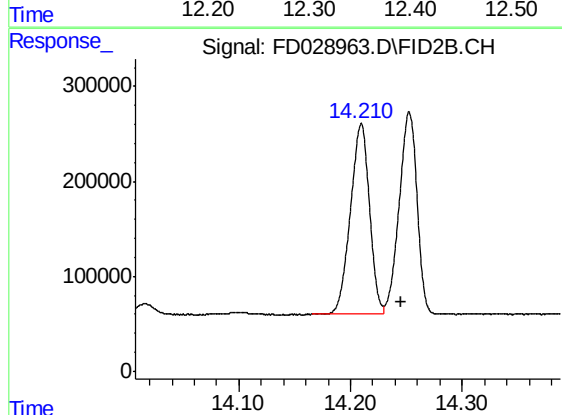
#12 Fluoranthene (C21.85)

R.T.: 12.044 min
Delta R.T.: -0.035 min
Response: 2330306
Conc: 21.55 ug/ml



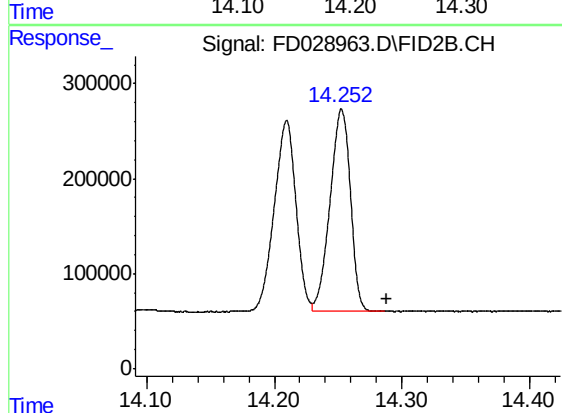
#13 Pyrene (C20.8)

R.T.: 12.342 min
Delta R.T.: -0.036 min
Response: 2354429
Conc: 21.86 ug/ml



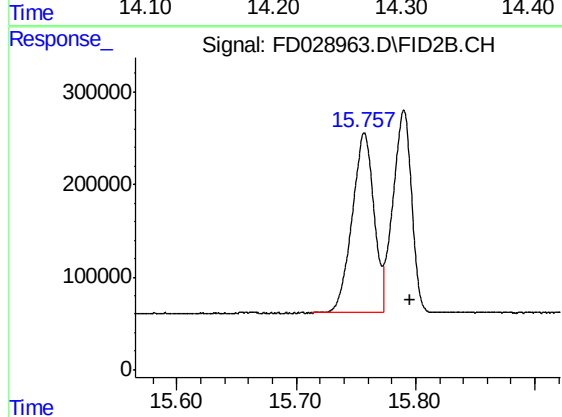
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.210 min
Delta R.T.: -0.036 min
Response: 2380341
Conc: 22.70 ug/ml m



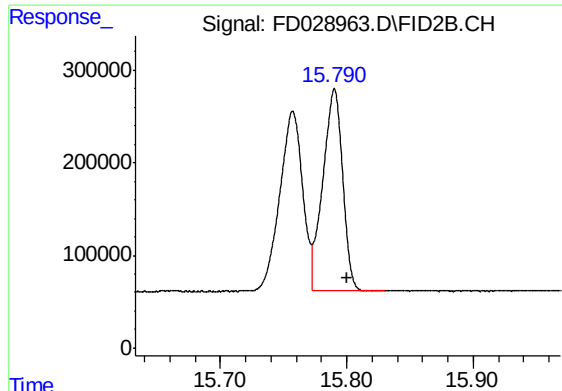
#15 Chrysene (C27.41)

R.T.: 14.253 min
Delta R.T.: -0.036 min
Response: 2380973
Conc: 22.74 ug/ml



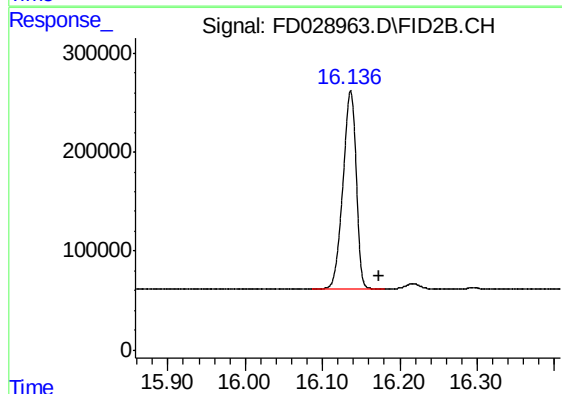
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.757 min
Delta R.T.: -0.039 min
Response: 2456348
Conc: 22.66 ug/ml m



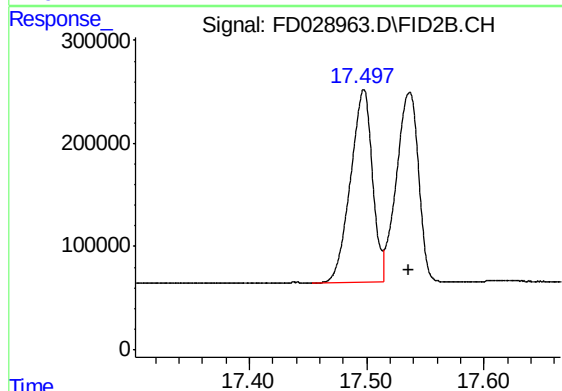
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.790 min
Delta R.T.: -0.010 min
Response: 2402075
Conc: 22.38 ug/ml



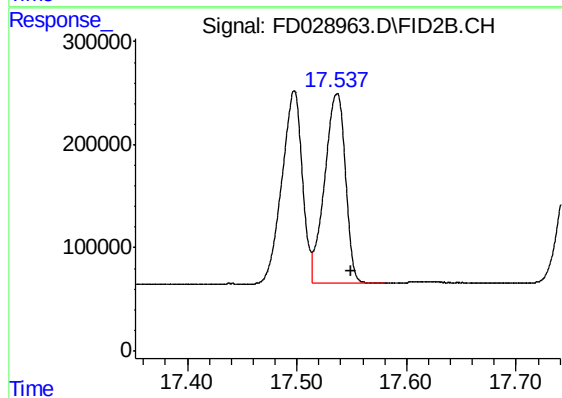
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.136 min
Delta R.T.: -0.037 min
Response: 2393012
Conc: 22.12 ug/ml



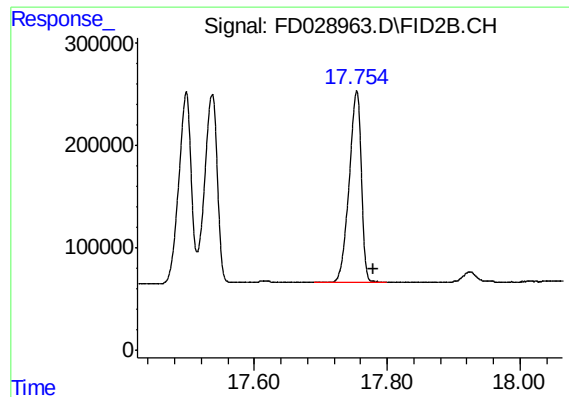
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.497 min
Delta R.T.: -0.038 min
Response: 2425615
Conc: 21.95 ug/ml m



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

R.T.: 17.537 min
Delta R.T.: -0.013 min
Response: 2427601
Conc: 22.58 ug/ml



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

R.T.: 17.754 min
Delta R.T.: -0.026 min
Response: 2372477
Conc: 21.89 ug/ml