

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041519AR\
 Data File : FD028872.D
 Signal(s) : FID2B.CH
 Acq On : 15 Apr 2019 15:16
 Operator : AJ\SJ
 Sample : K2241-07
 Misc : LOD 4 PPM
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 04:01:04 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...	7.098	4042545	42.610 ug/ml
Spiked Amount 50.000		Recovery =	85.22%
6) S 2-Fluorobiphenyl (SURR)	7.965	2832064	43.442 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.88%
11) S ortho-Terphenyl (SURR)	11.003	3452846	31.032 ug/ml
Spiked Amount 50.000		Recovery =	62.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.920	201161	2.056 ug/ml
2) T Naphthalene (C11.7)	5.442	238501	2.239 ug/ml
3) T 2-Methylnaphthalene (...)	6.489	243699	2.278 ug/ml
5) T Acenaphthylene (C15.06)	7.767	246134	2.377 ug/ml
7) T Acenaphthene (C15.5)	8.062	254979	2.351 ug/ml
8) T Fluorene (C16.55)	8.841	263563	2.424 ug/ml
9) T Phenanthrene (C19.36)	10.238	275047	2.540 ug/ml
10) T Anthracene (C19.43)	10.311	279185	2.599 ug/ml
12) T Fluoranthene (C21.85)	12.047	298517	2.761 ug/ml
13) T Pyrene (C20.8)	12.345	308730	2.867 ug/ml
14) T Benzo[a]anthracene (C...	14.252	331162	3.159 ug/ml
15) T Chrysene (C27.41)	14.252	331162	3.163 ug/ml
16) T benzo[b]fluoranthene ...	15.787	289973	2.675 ug/ml
17) T Bnezo[k]fluoranthene ...	15.787f	289973	2.702 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.135	278098	2.570 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.534	323339	2.926 ug/ml
20) T Dibenz[a,h]anthracene...	17.534	323339	3.008 ug/ml
21) T Benzo[g,h,i]perylene ...	17.748	291333	2.688 ug/ml

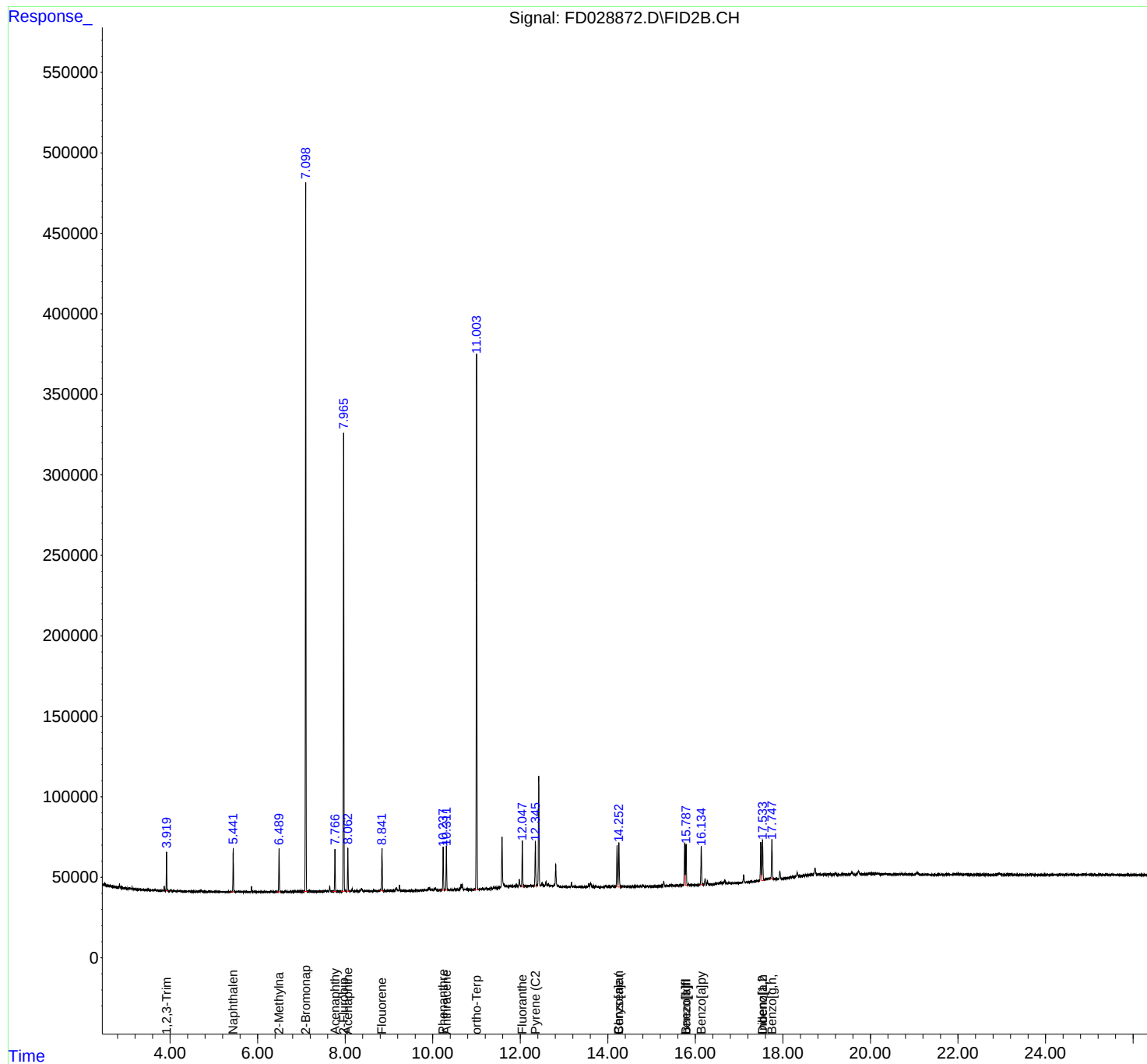
(f)=RT Delta > 1/2 Window

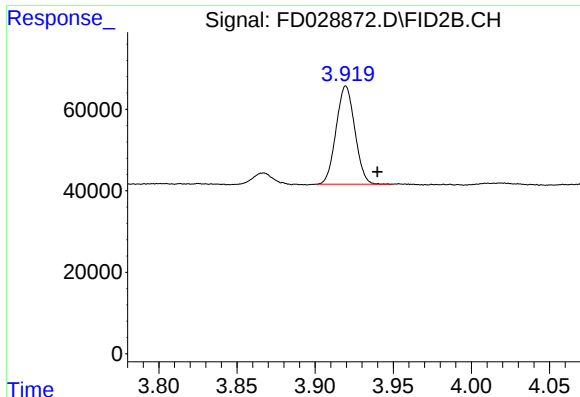
(m)=manual int.

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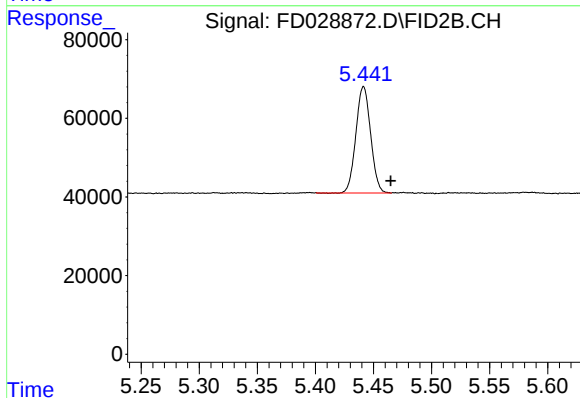
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Signal Info : 20M x 0.18mm x 0.18µm





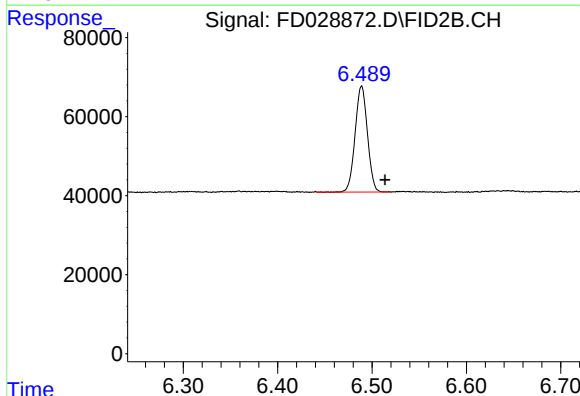
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.920 min
Delta R.T.: -0.020 min
Response: 201161
Conc: 2.06 ug/ml



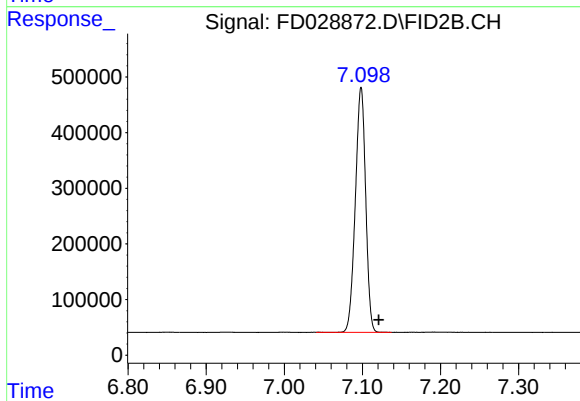
#2 Naphthalene (C11.7)

R.T.: 5.442 min
Delta R.T.: -0.023 min
Response: 238501
Conc: 2.24 ug/ml



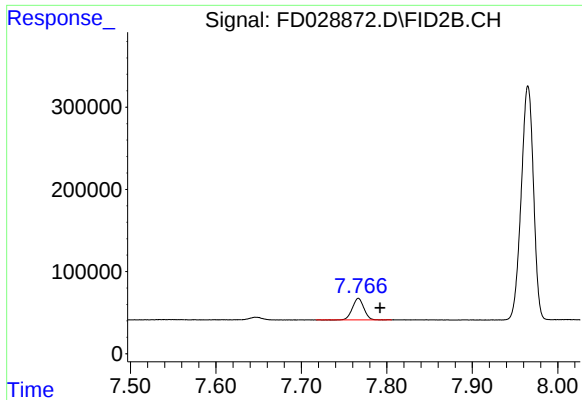
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.489 min
Delta R.T.: -0.025 min
Response: 243699
Conc: 2.28 ug/ml



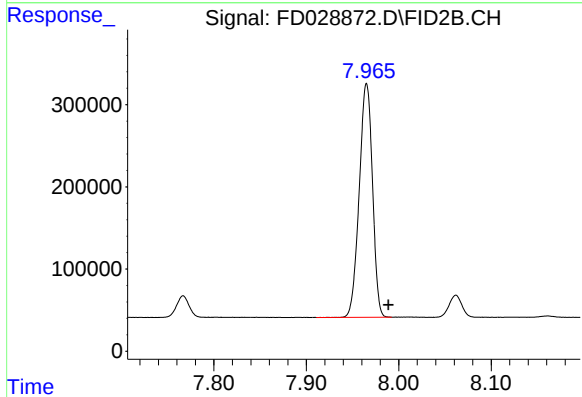
#4 2-Bromonaphthalene (SURR)

R.T.: 7.098 min
Delta R.T.: -0.023 min
Response: 4042545
Conc: 42.61 ug/ml



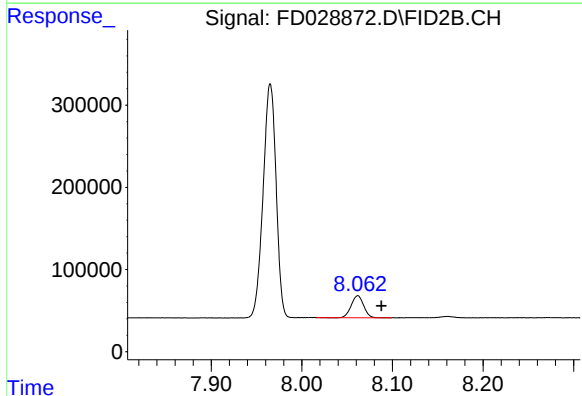
#5 Acenaphthylene (C15.06)

R.T.: 7.767 min
Delta R.T.: -0.025 min
Response: 246134
Conc: 2.38 ug/ml



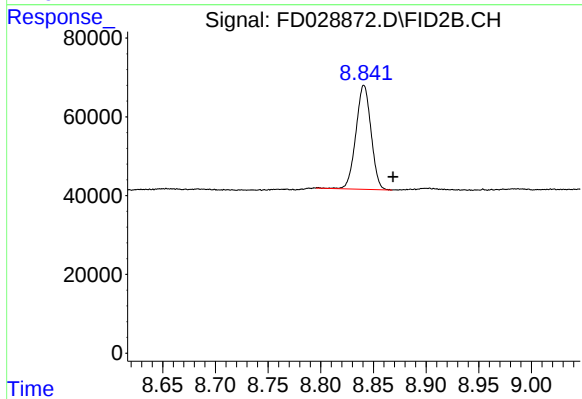
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.965 min
Delta R.T.: -0.023 min
Response: 2832064
Conc: 43.44 ug/ml



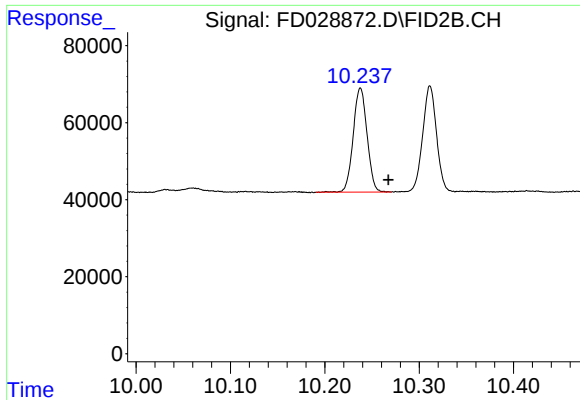
#7 Acenaphthene (C15.5)

R.T.: 8.062 min
Delta R.T.: -0.026 min
Response: 254979
Conc: 2.35 ug/ml



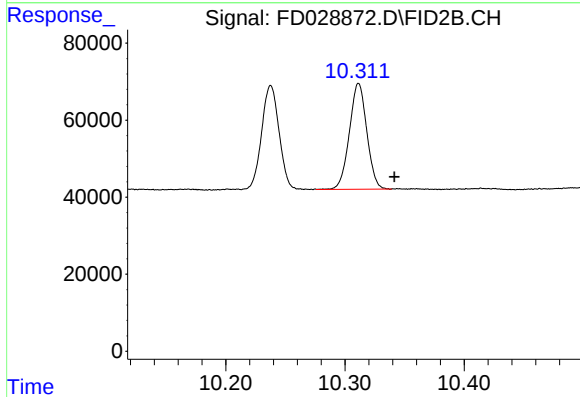
#8 Flouorene (C16.55)

R.T.: 8.841 min
Delta R.T.: -0.028 min
Response: 263563
Conc: 2.42 ug/ml



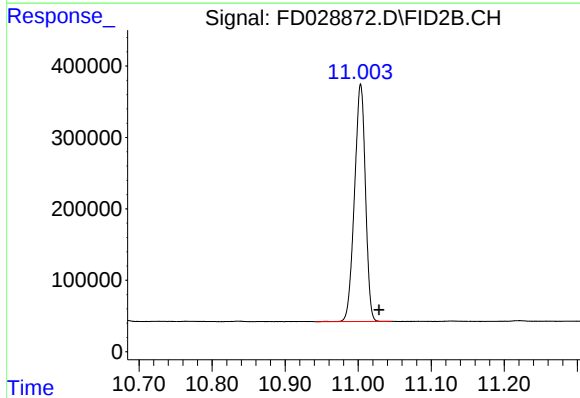
#9 Phenanthrene (C19.36)

R.T.: 10.238 min
Delta R.T.: -0.030 min
Response: 275047
Conc: 2.54 ug/ml



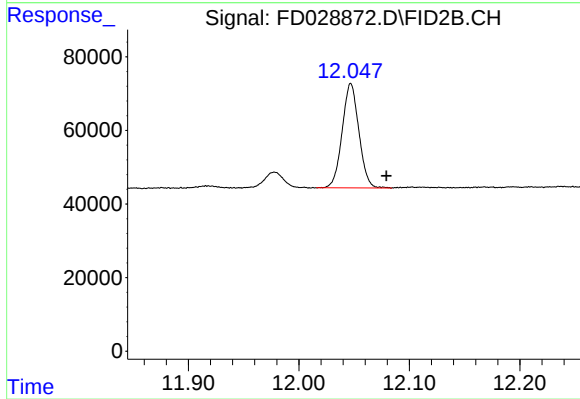
#10 Anthracene (C19.43)

R.T.: 10.311 min
Delta R.T.: -0.030 min
Response: 279185
Conc: 2.60 ug/ml



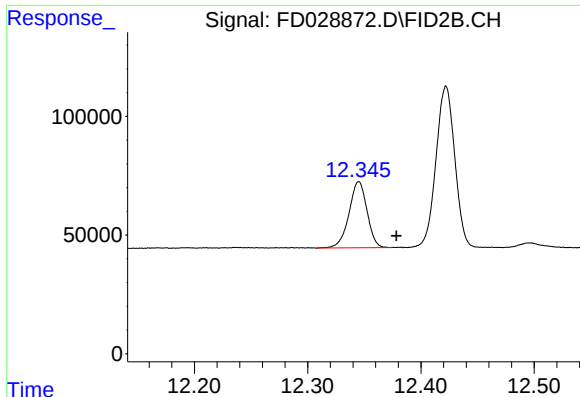
#11 ortho-Terphenyl (SURR)

R.T.: 11.003 min
Delta R.T.: -0.025 min
Response: 3452846
Conc: 31.03 ug/ml



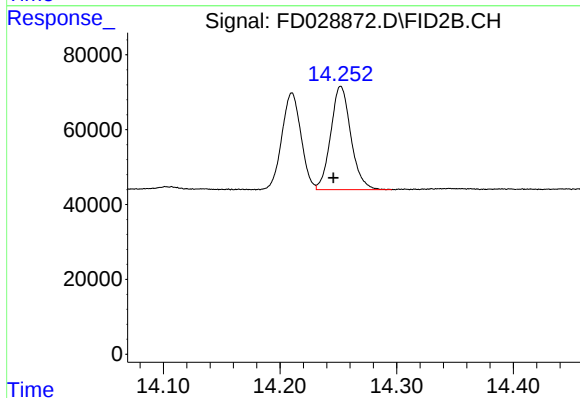
#12 Fluoranthene (C21.85)

R.T.: 12.047 min
Delta R.T.: -0.032 min
Response: 298517
Conc: 2.76 ug/ml



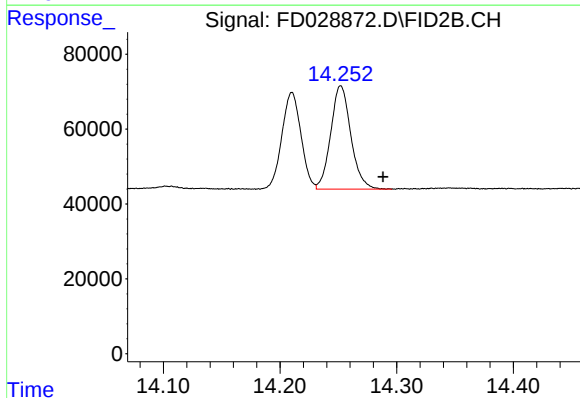
#13 Pyrene (C20.8)

R.T.: 12.345 min
Delta R.T.: -0.033 min
Response: 308730
Conc: 2.87 ug/ml



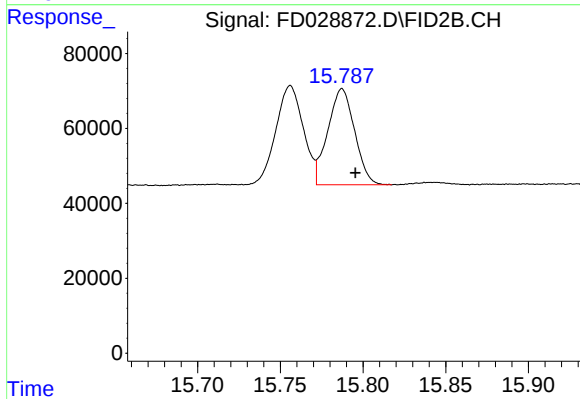
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.252 min
Delta R.T.: 0.006 min
Response: 331162
Conc: 3.16 ug/ml



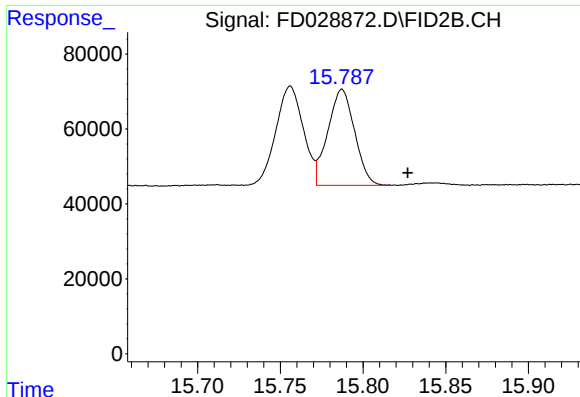
#15 Chrysene (C27.41)

R.T.: 14.252 min
Delta R.T.: -0.036 min
Response: 331162
Conc: 3.16 ug/ml



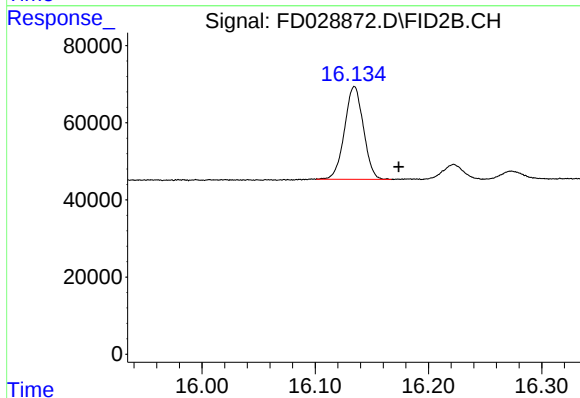
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.787 min
Delta R.T.: -0.008 min
Response: 289973
Conc: 2.68 ug/ml



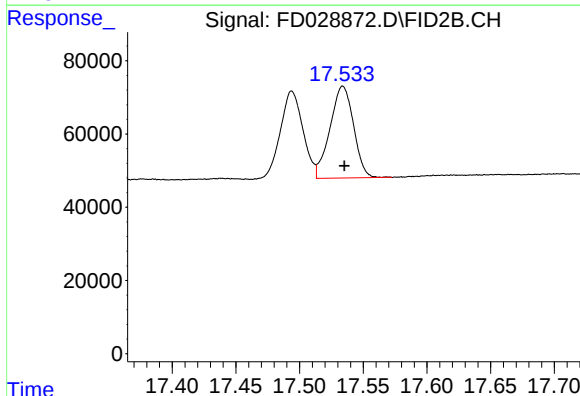
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.787 min
Delta R.T.: -0.040 min
Response: 289973
Conc: 2.70 ug/ml



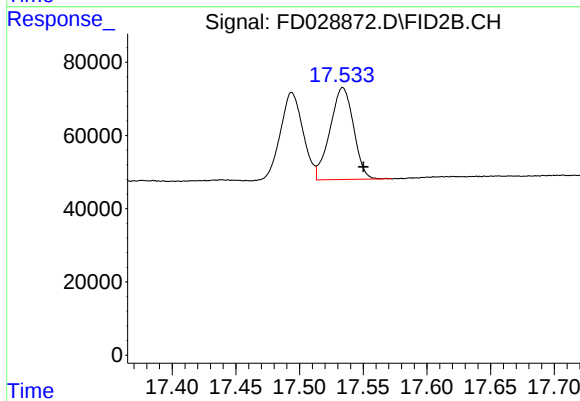
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.135 min
Delta R.T.: -0.039 min
Response: 278098
Conc: 2.57 ug/ml



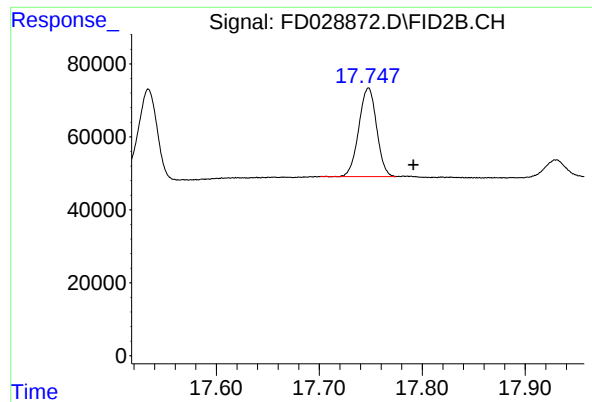
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.534 min
Delta R.T.: -0.001 min
Response: 323339
Conc: 2.93 ug/ml



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

R.T.: 17.534 min
Delta R.T.: -0.016 min
Response: 323339
Conc: 3.01 ug/ml



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

R.T.: 17.748 min
Delta R.T.: -0.044 min
Response: 291333
Conc: 2.69 ug/ml