

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032919AR\
 Data File : FD028536.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2019 15:11
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 29 23:27:03 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...	7.117	1975949	20.827 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
6) S 2-Fluorobiphenyl (SURR)	7.984	1310325	20.099 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.20%
11) S ortho-Terphenyl (SURR)	11.024	2116124	19.019 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.938	2185563	22.342 ug/ml
2) T Naphthalene (C11.7)	5.462	2293426	21.527 ug/ml
3) T 2-Methylnaphthalene (...)	6.511	2252290	21.053 ug/ml
5) T Acenaphthylene (C15.06)	7.789	2092682	20.209 ug/ml
7) T Acenaphthene (C15.5)	8.084	2182386	20.119 ug/ml
8) T Flouorene (C16.55)	8.864	2136815	19.655 ug/ml
9) T Phenanthrene (C19.36)	10.262	2080868	19.216 ug/ml
10) T Anthracene (C19.43)	10.336	2044845	19.035 ug/ml
12) T Fluoranthene (C21.85)	12.073	2088822	19.320 ug/ml
13) T Pyrene (C20.8)	12.373	2095050	19.455 ug/ml
14) T Benzo[a]anthracene (C...	14.241	2145181	20.460 ug/ml
15) T Chrysene (C27.41)	14.284	2151464	20.548 ug/ml
16) T benzo[b]fluoranthene ...	15.790	2264129	20.889 ug/ml
17) T Bnezo[k]fluoranthene ...	15.822	2237799	20.853 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.170	2256546	20.855 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.531	2313330	20.933 ug/ml
20) T Dibenz[a,h]anthracene...	17.570	2284880	21.255 ug/ml
21) T Benzo[g,h,i]perylene ...	17.787	2273638	20.980 ug/ml

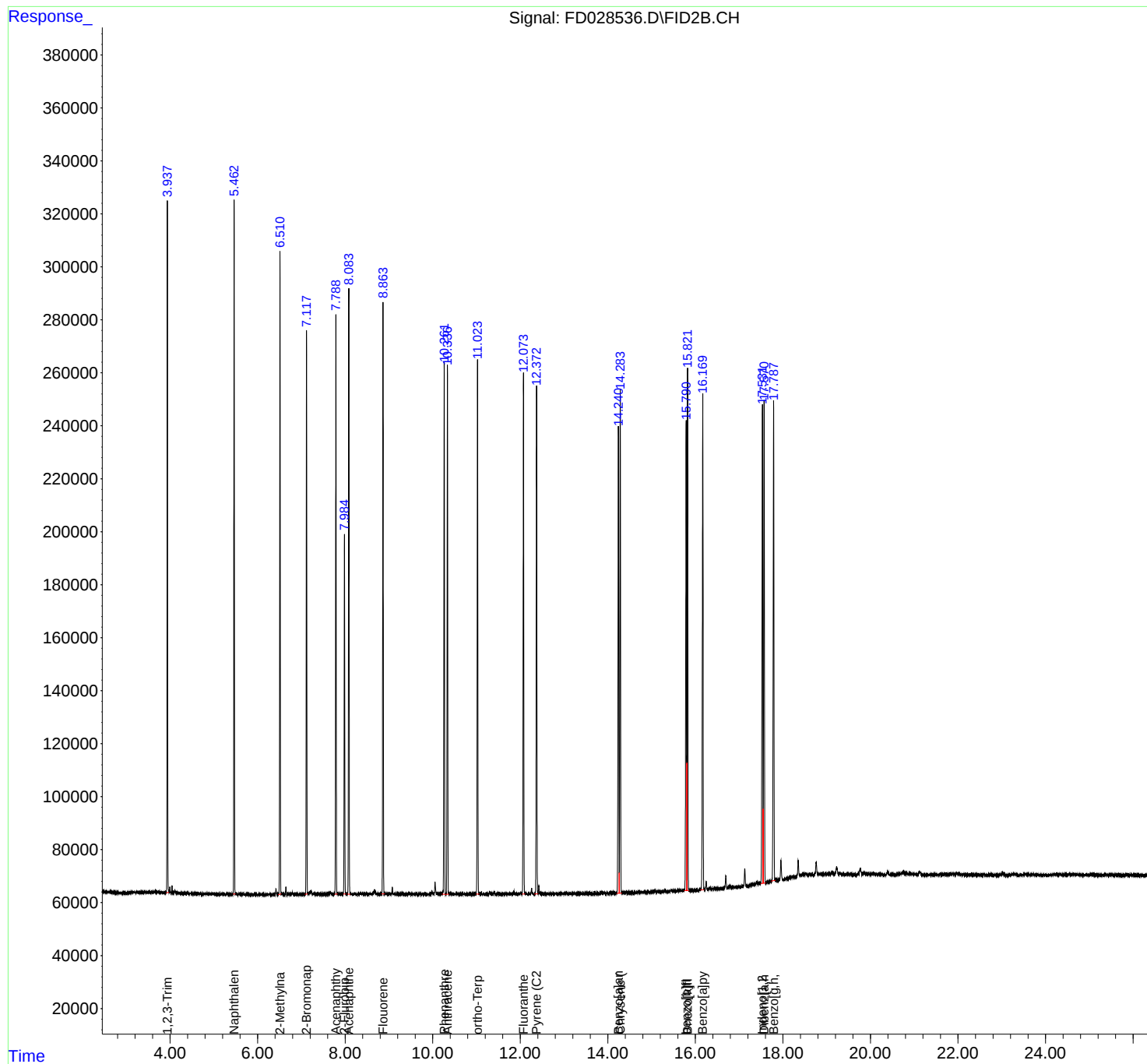
(f)=RT Delta > 1/2 Window

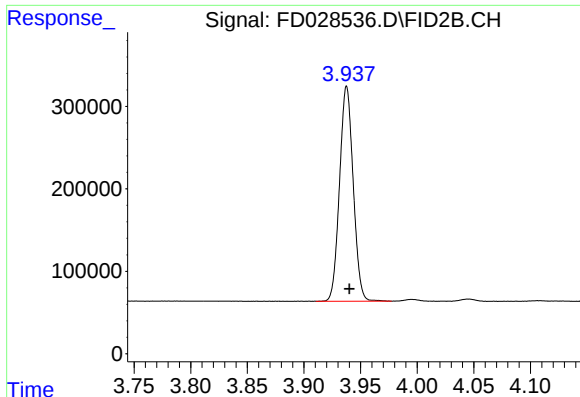
(m)=manual int.

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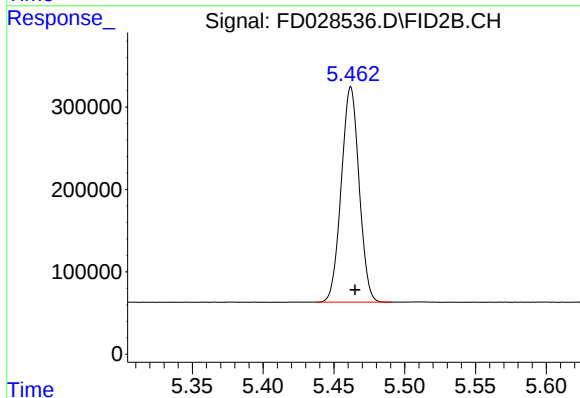
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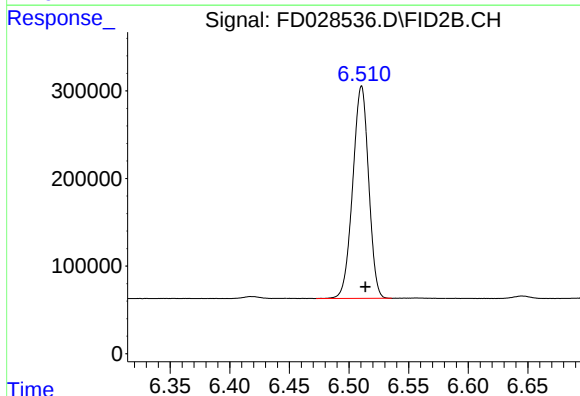
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 2185563
Conc: 22.34 ug/ml



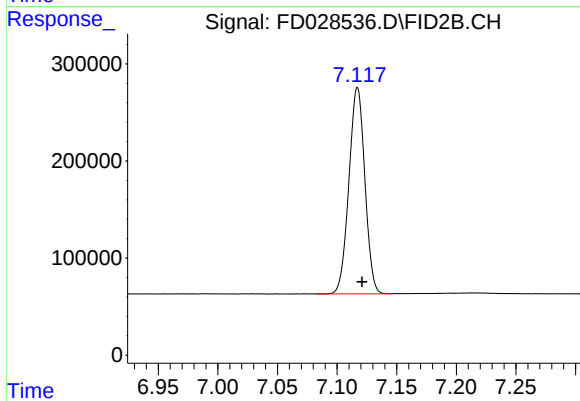
#2 Naphthalene (C11.7)

R.T.: 5.462 min
Delta R.T.: -0.003 min
Response: 2293426
Conc: 21.53 ug/ml



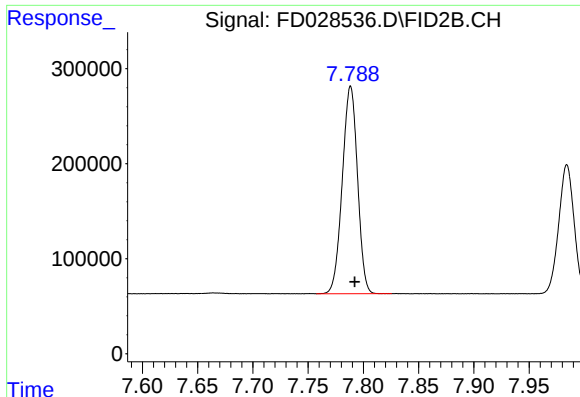
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.511 min
Delta R.T.: -0.003 min
Response: 2252290
Conc: 21.05 ug/ml



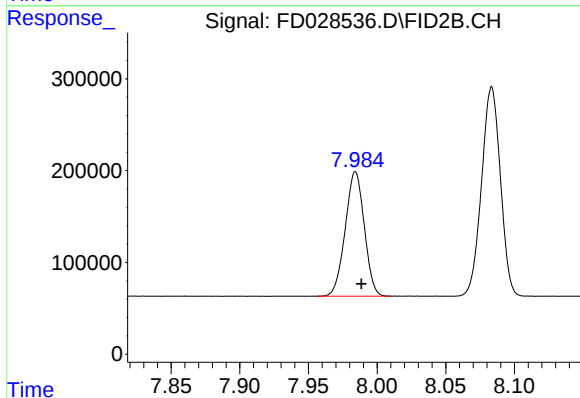
#4 2-Bromonaphthalene (SURR)

R.T.: 7.117 min
Delta R.T.: -0.004 min
Response: 1975949
Conc: 20.83 ug/ml



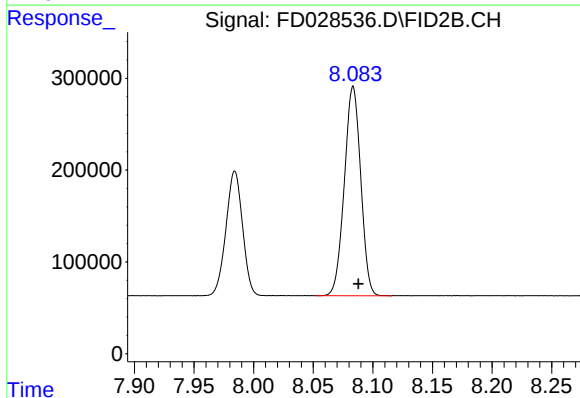
#5 Acenaphthylene (C15.06)

R.T.: 7.789 min
Delta R.T.: -0.004 min
Response: 2092682
Conc: 20.21 ug/ml



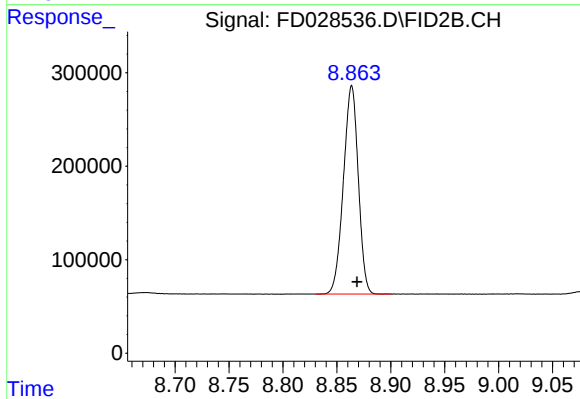
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.984 min
Delta R.T.: -0.004 min
Response: 1310325
Conc: 20.10 ug/ml



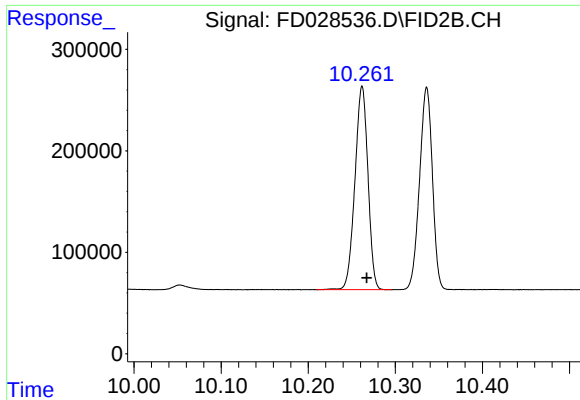
#7 Acenaphthene (C15.5)

R.T.: 8.084 min
Delta R.T.: -0.004 min
Response: 2182386
Conc: 20.12 ug/ml



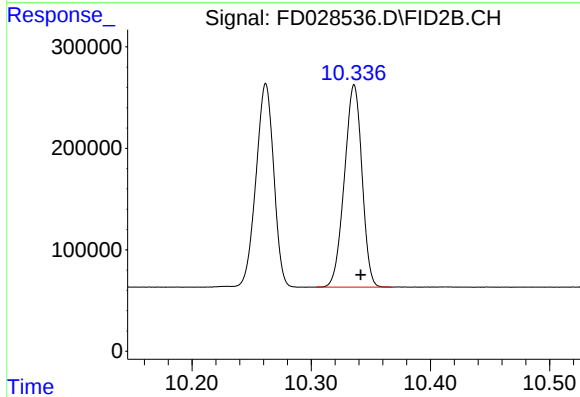
#8 Flouorene (C16.55)

R.T.: 8.864 min
Delta R.T.: -0.005 min
Response: 2136815
Conc: 19.65 ug/ml



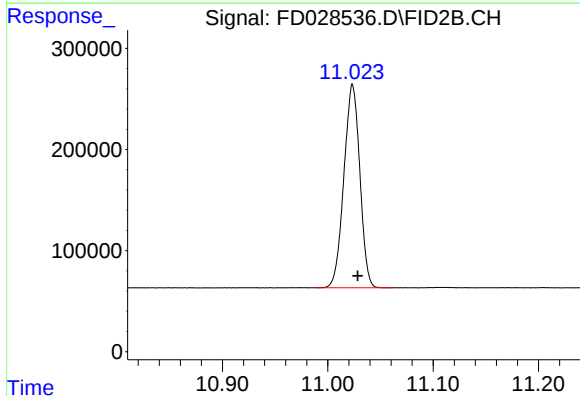
#9 Phenanthrene (C19.36)

R.T.: 10.262 min
Delta R.T.: -0.005 min
Response: 2080868
Conc: 19.22 ug/ml



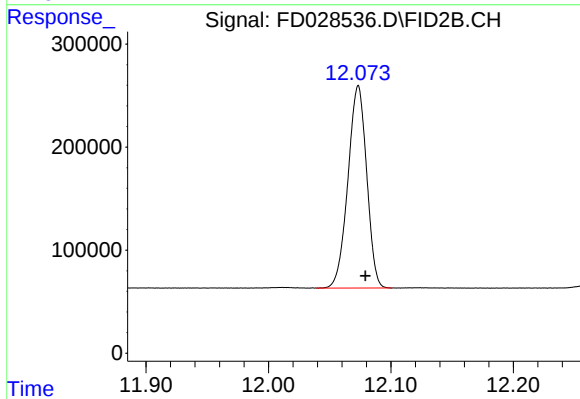
#10 Anthracene (C19.43)

R.T.: 10.336 min
Delta R.T.: -0.005 min
Response: 2044845
Conc: 19.04 ug/ml



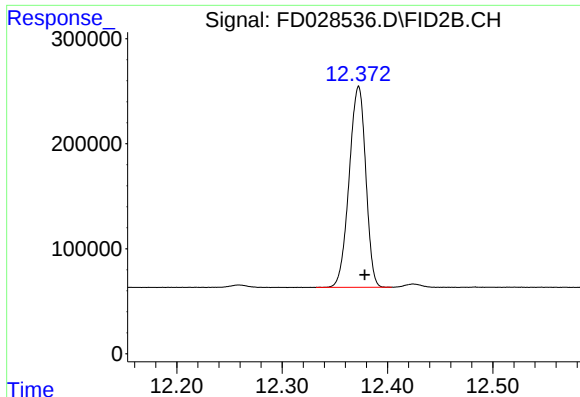
#11 ortho-Terphenyl (SURR)

R.T.: 11.024 min
Delta R.T.: -0.005 min
Response: 2116124
Conc: 19.02 ug/ml



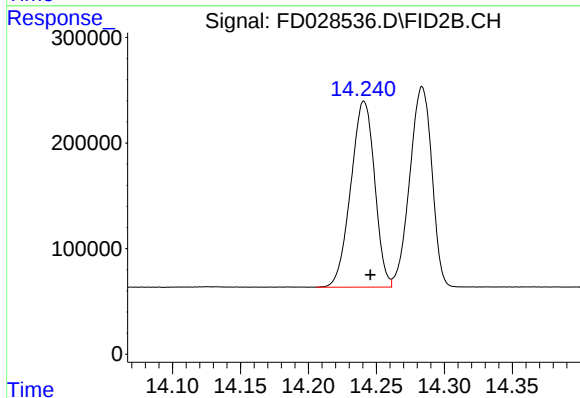
#12 Fluoranthene (C21.85)

R.T.: 12.073 min
Delta R.T.: -0.006 min
Response: 2088822
Conc: 19.32 ug/ml



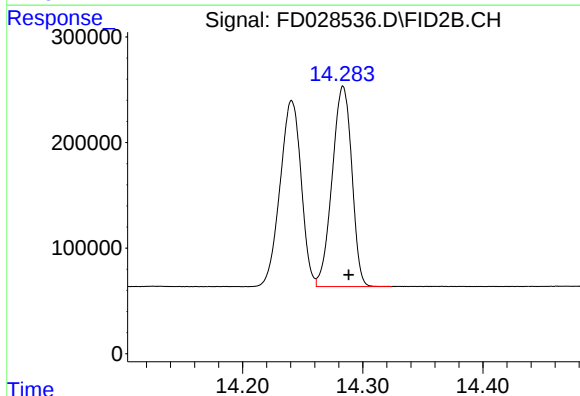
#13 Pyrene (C20.8)

R.T.: 12.373 min
Delta R.T.: -0.006 min
Response: 2095050
Conc: 19.45 ug/ml



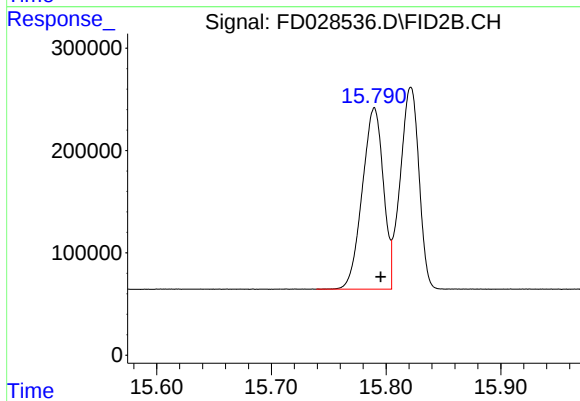
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.241 min
Delta R.T.: -0.005 min
Response: 2145181
Conc: 20.46 ug/ml



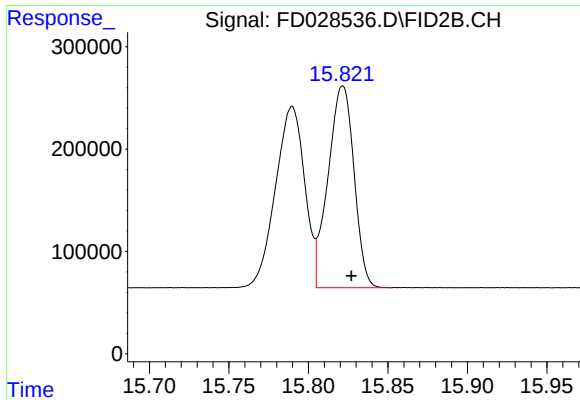
#15 Chrysene (C27.41)

R.T.: 14.284 min
Delta R.T.: -0.005 min
Response: 2151464
Conc: 20.55 ug/ml



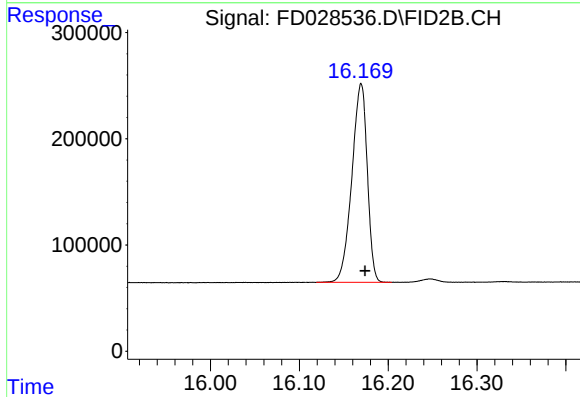
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.790 min
Delta R.T.: -0.006 min
Response: 2264129
Conc: 20.89 ug/ml



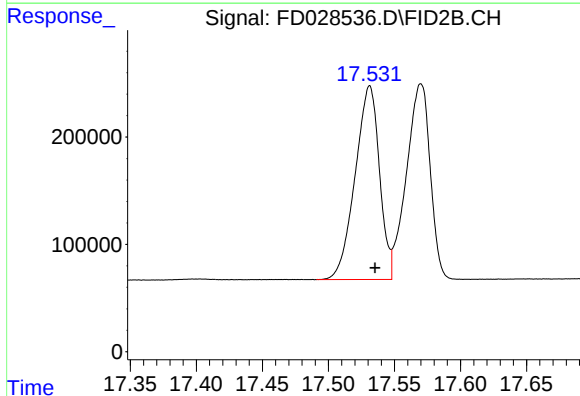
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.822 min
Delta R.T.: -0.005 min
Response: 2237799
Conc: 20.85 ug/ml



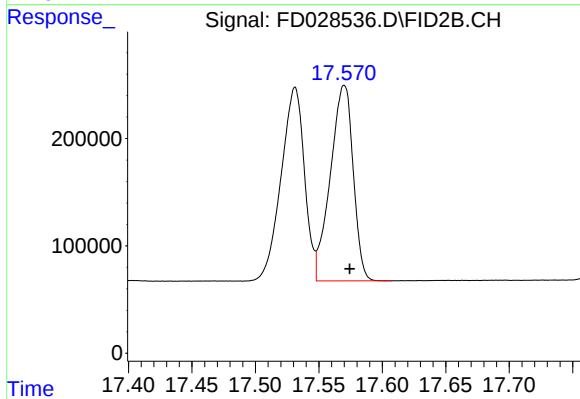
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.170 min
Delta R.T.: -0.004 min
Response: 2256546
Conc: 20.86 ug/ml



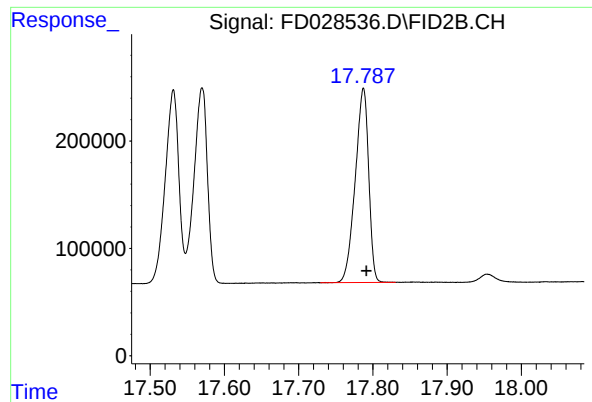
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.531 min
Delta R.T.: -0.004 min
Response: 2313330
Conc: 20.93 ug/ml



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

R.T.: 17.570 min
Delta R.T.: -0.004 min
Response: 2284880
Conc: 21.26 ug/ml



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

R.T.: 17.787 min
Delta R.T.: -0.004 min
Response: 2273638
Conc: 20.98 ug/ml