

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040519AR\
 Data File : FD028686.D
 Signal(s) : FID2B.CH
 Acq On : 05 Apr 2019 23:59
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 06 00:27:11 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...	7.110	1943946	20.490 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
6) S 2-Fluorobiphenyl (SURR)	7.977	1311934	20.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.25%
11) S ortho-Terphenyl (SURR)	11.014	2189720	19.680 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.932	2078001	21.242 ug/ml
2) T Naphthalene (C11.7)	5.455	2230432	20.935 ug/ml
3) T 2-Methylnaphthalene (...)	6.503	2209052	20.649 ug/ml
5) T Acenaphthylene (C15.06)	7.781	2117833	20.452 ug/ml
7) T Acenaphthene (C15.5)	8.076	2185951	20.152 ug/ml
8) T Fluorene (C16.55)	8.856	2163932	19.904 ug/ml
9) T Phenanthrene (C19.36)	10.253	2158942	19.937 ug/ml
10) T Anthracene (C19.43)	10.327	2116564	19.703 ug/ml
12) T Fluoranthene (C21.85)	12.064	2209183	20.434 ug/ml
13) T Pyrene (C20.8)	12.362	2216513	20.583 ug/ml
14) T Benzo[a]anthracene (C...	14.229	2244109	21.403 ug/ml
15) T Chrysene (C27.41)	14.272	2248992	21.479 ug/ml
16) T benzo[b]fluoranthene ...	15.810	2316320	21.370 ug/ml
17) T Bnezo[k]fluoranthene ...	15.810	2316320	21.585 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.155	2328777	21.523 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.519	2382117	21.555 ug/ml
20) T Dibenz[a,h]anthracene...	17.557	2342827	21.794 ug/ml
21) T Benzo[g,h,i]perylene ...	17.774	2348179	21.667 ug/ml

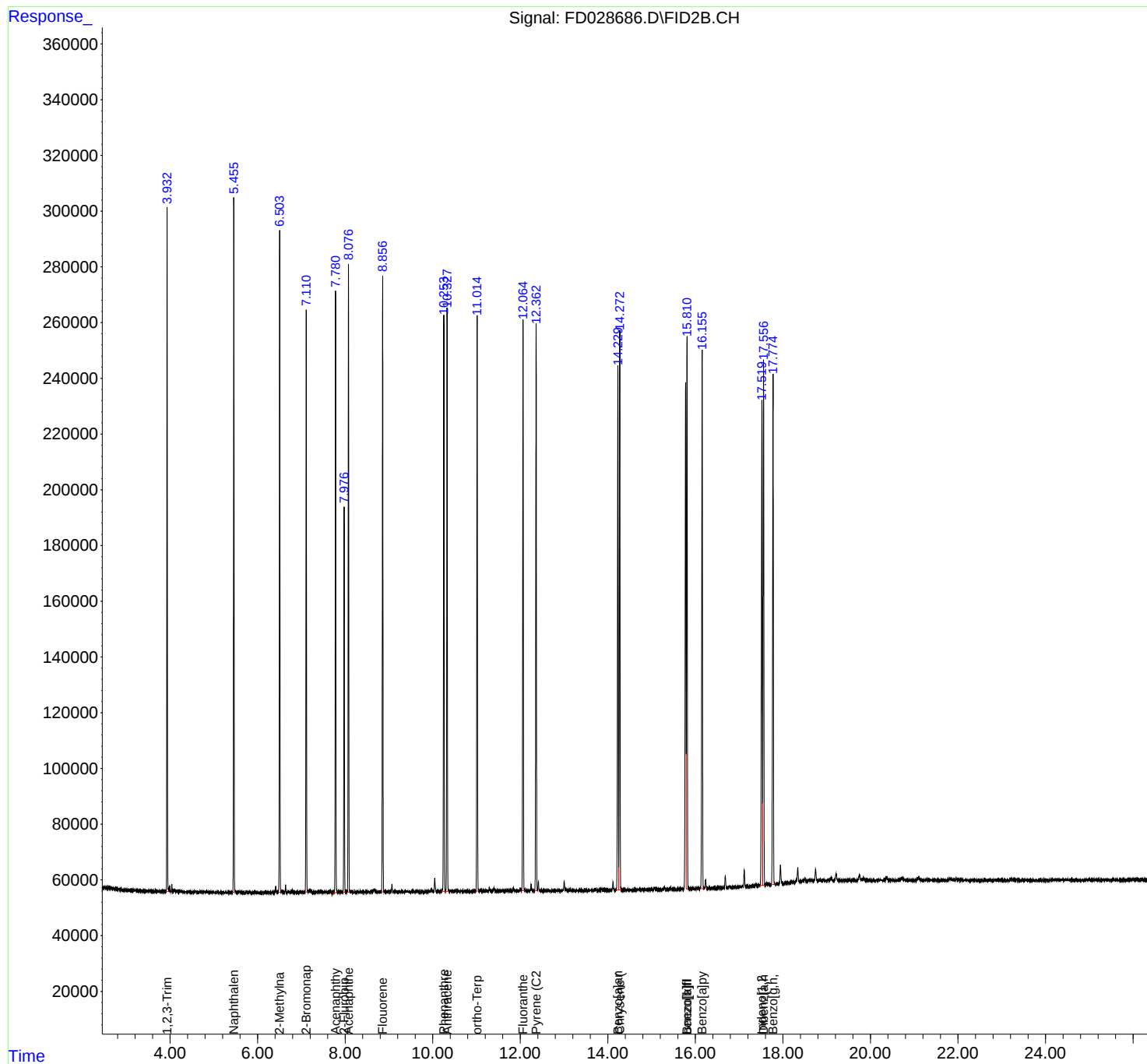
(f)=RT Delta > 1/2 Window

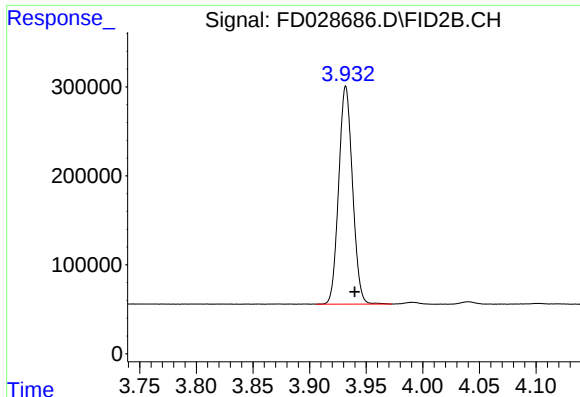
(m)=manual int.

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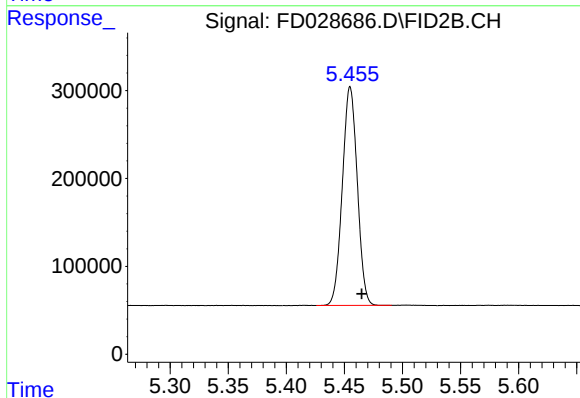
Volume Inj. : 1 µl
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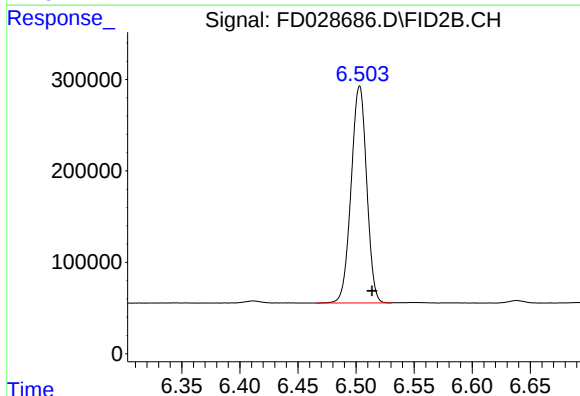
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.932 min
Delta R.T.: -0.008 min
Response: 2078001
Conc: 21.24 ug/ml



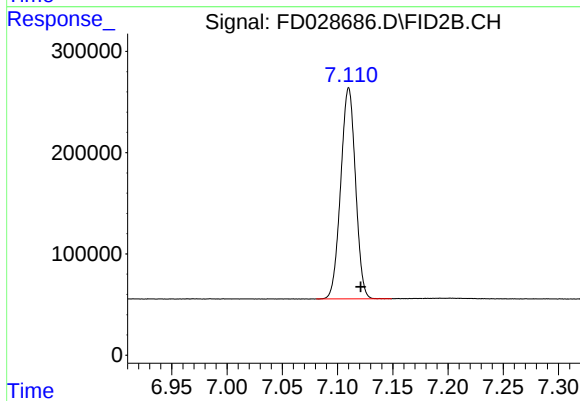
#2 Naphthalene (C11.7)

R.T.: 5.455 min
Delta R.T.: -0.010 min
Response: 2230432
Conc: 20.94 ug/ml



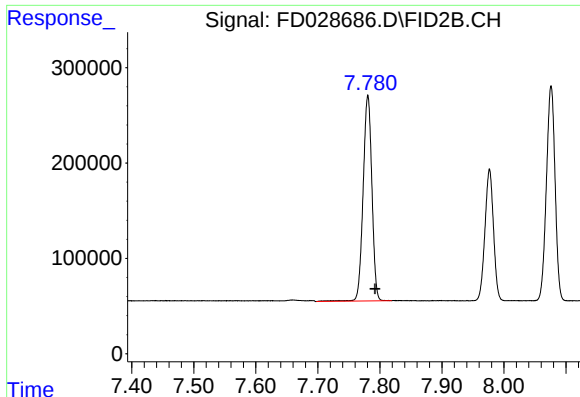
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.503 min
Delta R.T.: -0.011 min
Response: 2209052
Conc: 20.65 ug/ml



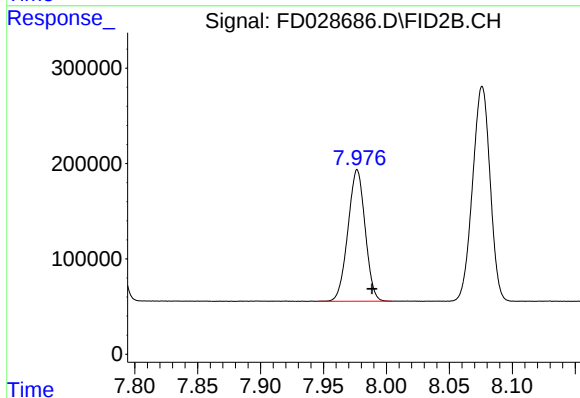
#4 2-Bromonaphthalene (SURR)

R.T.: 7.110 min
Delta R.T.: -0.011 min
Response: 1943946
Conc: 20.49 ug/ml



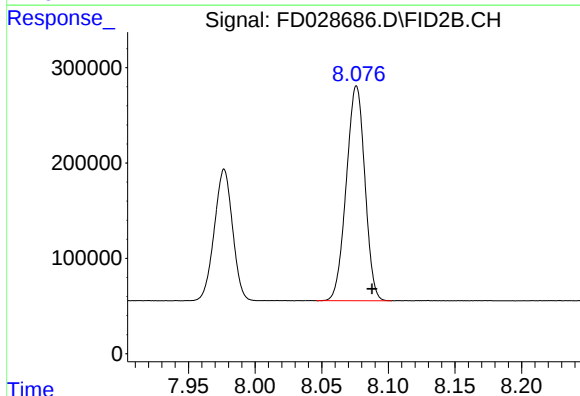
#5 Acenaphthylene (C15.06)

R.T.: 7.781 min
Delta R.T.: -0.011 min
Response: 2117833
Conc: 20.45 ug/ml



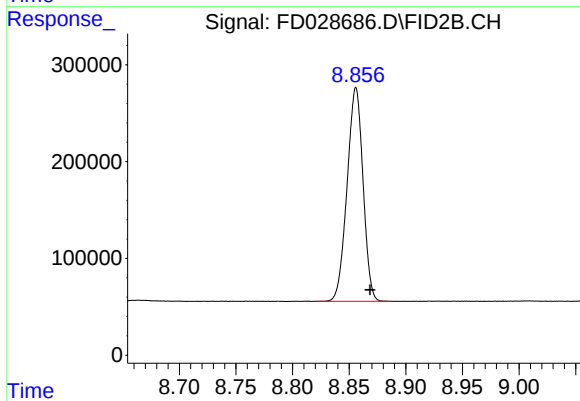
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.977 min
Delta R.T.: -0.012 min
Response: 1311934
Conc: 20.12 ug/ml



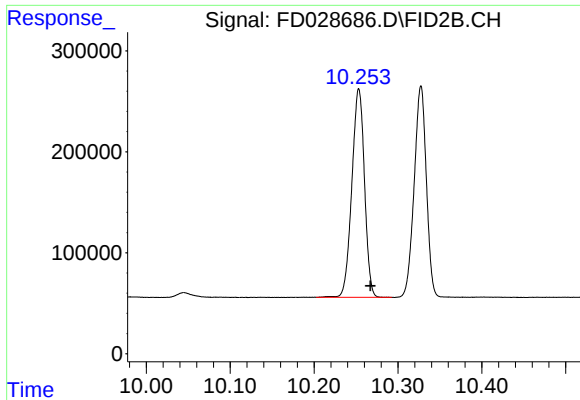
#7 Acenaphthene (C15.5)

R.T.: 8.076 min
Delta R.T.: -0.012 min
Response: 2185951
Conc: 20.15 ug/ml



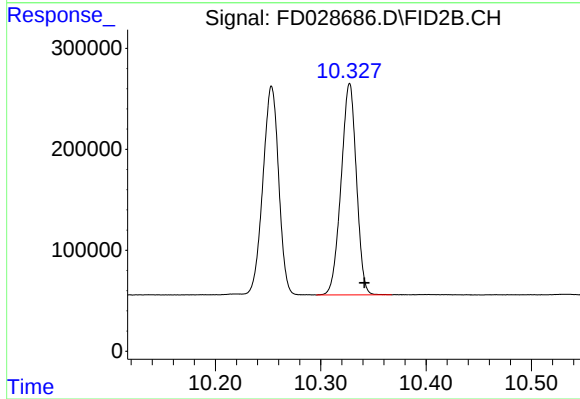
#8 Fluorene (C16.55)

R.T.: 8.856 min
Delta R.T.: -0.013 min
Response: 2163932
Conc: 19.90 ug/ml



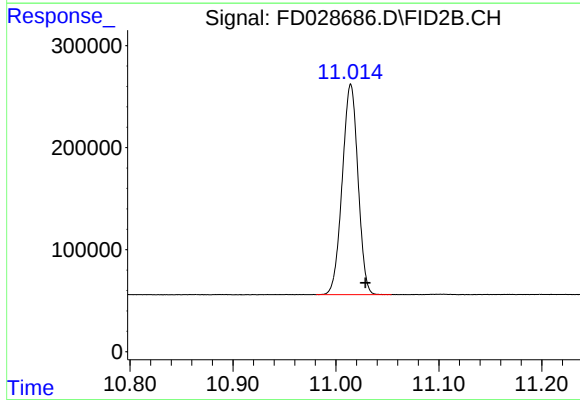
#9 Phenanthrene (C19.36)

R.T.: 10.253 min
Delta R.T.: -0.014 min
Response: 2158942
Conc: 19.94 ug/ml



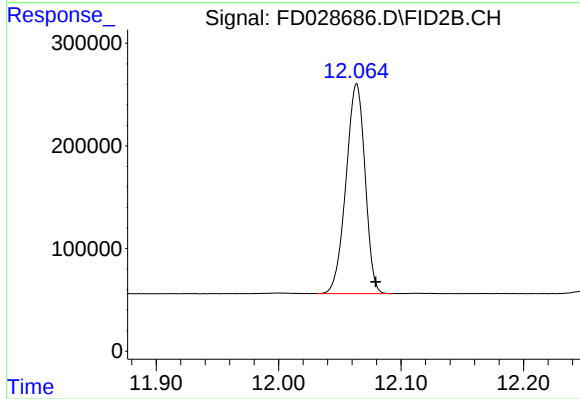
#10 Anthracene (C19.43)

R.T.: 10.327 min
Delta R.T.: -0.014 min
Response: 2116564
Conc: 19.70 ug/ml



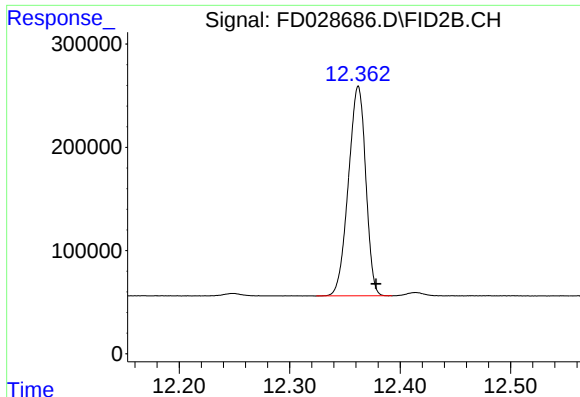
#11 ortho-Terphenyl (SURR)

R.T.: 11.014 min
Delta R.T.: -0.014 min
Response: 2189720
Conc: 19.68 ug/ml



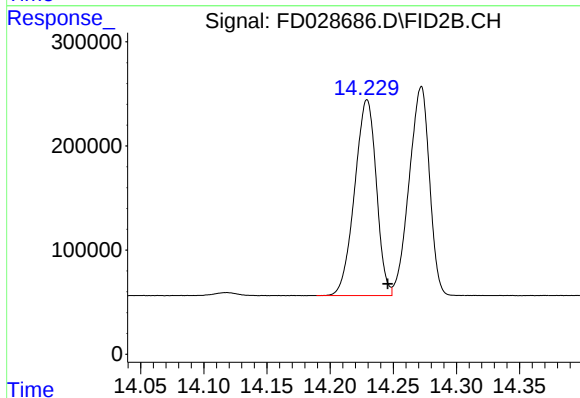
#12 Fluoranthene (C21.85)

R.T.: 12.064 min
Delta R.T.: -0.016 min
Response: 2209183
Conc: 20.43 ug/ml



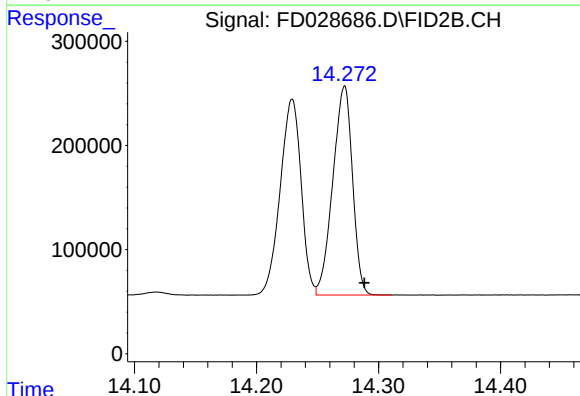
#13 Pyrene (C20.8)

R.T.: 12.362 min
Delta R.T.: -0.016 min
Response: 2216513
Conc: 20.58 ug/ml



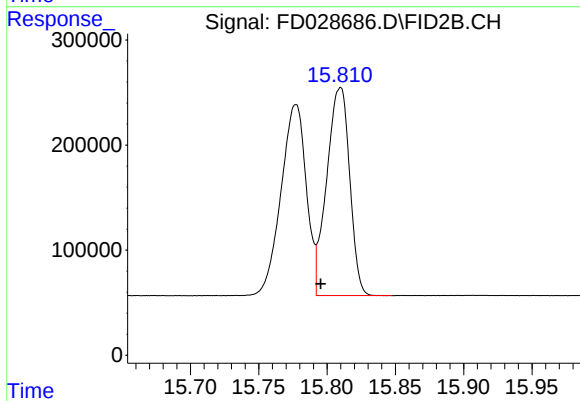
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.229 min
Delta R.T.: -0.016 min
Response: 2244109
Conc: 21.40 ug/ml



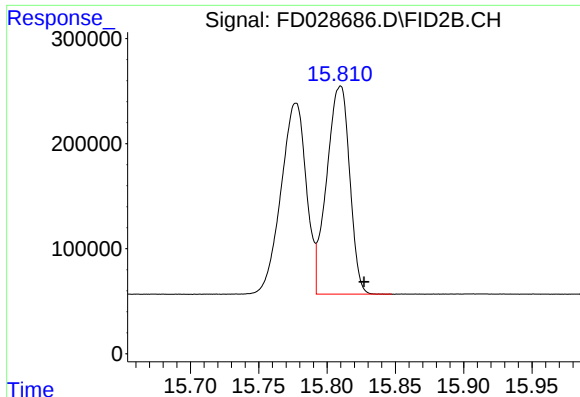
#15 Chrysene (C27.41)

R.T.: 14.272 min
Delta R.T.: -0.016 min
Response: 2248992
Conc: 21.48 ug/ml



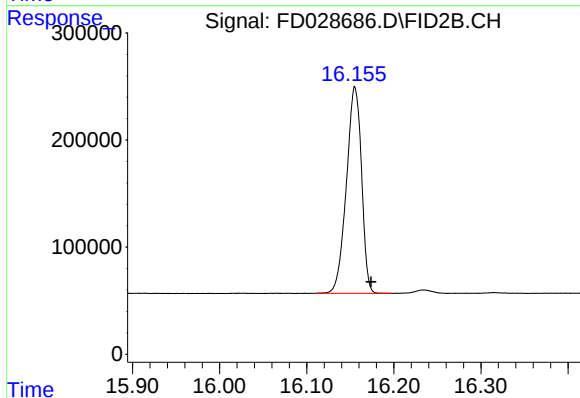
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.810 min
Delta R.T.: 0.014 min
Response: 2316320
Conc: 21.37 ug/ml



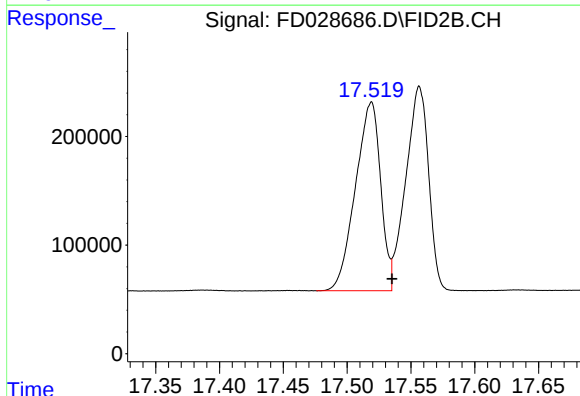
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.810 min
Delta R.T.: -0.017 min
Response: 2316320
Conc: 21.58 ug/ml



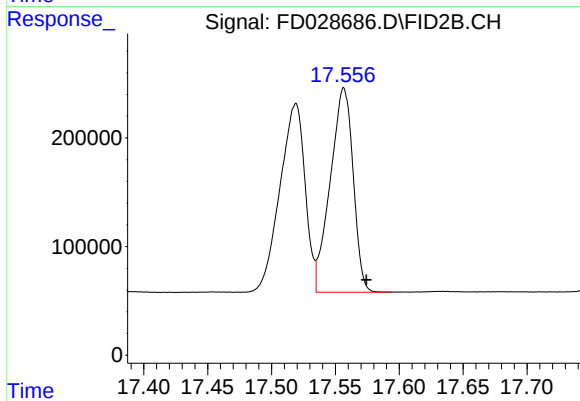
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.155 min
Delta R.T.: -0.018 min
Response: 2328777
Conc: 21.52 ug/ml



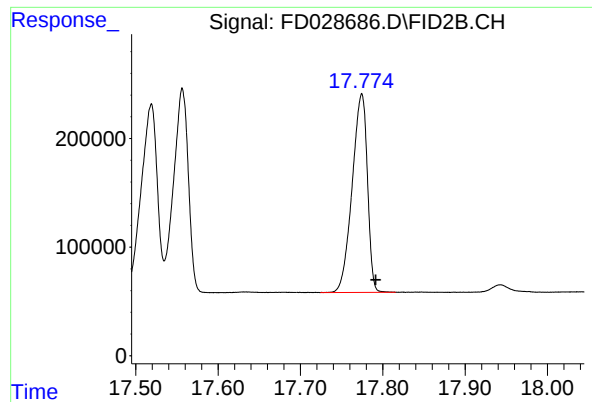
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.519 min
Delta R.T.: -0.016 min
Response: 2382117
Conc: 21.56 ug/ml



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

R.T.: 17.557 min
Delta R.T.: -0.018 min
Response: 2342827
Conc: 21.79 ug/ml



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

R.T.: 17.774 min
Delta R.T.: -0.017 min
Response: 2348179
Conc: 21.67 ug/ml