

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102419AR\
 Data File : FD031221.D
 Signal(s) : FID2B.CH
 Acq On : 24 Oct 2019 14:26
 Operator : DD\AJ
 Sample : K5111-07
 Misc : LOD-4 PPM
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:28:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.541	4641527	48.559 ug/ml
Spiked Amount 50.000		Recovery =	97.12%
6) S 2-Fluorobiphenyl (SURR)	8.402	2967775	46.773 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.55%
11) S ortho-Terphenyl (SURR)	11.433	4476372	40.843 ug/ml
Spiked Amount 50.000		Recovery =	81.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	306774	3.092 ug/ml
2) T Naphthalene (C11.7)	5.886	328299	3.242 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	336587	3.283 ug/ml
5) T Acenaphthylene (C15.06)	8.204	369507	3.580 ug/ml
7) T Acenaphthene (C15.5)	8.497	442435	4.053 ug/ml
8) T Fluorene (C16.55)	9.280	379810	3.664 ug/ml
9) T Phenanthrene (C19.36)	10.673	342884	3.282 ug/ml
10) T Anthracene (C19.43)	10.750	326038	3.107 ug/ml
12) T Fluoranthene (C21.85)	12.478	388399	3.656 ug/ml
13) T Pyrene (C20.8)	12.775	378208	3.569 ug/ml
14) T Benzo[a]anthracene (C...	14.644	327660	3.411 ug/ml
15) T Chrysene (C27.41)	14.684	455040	4.139 ug/ml
16) T benzo[b]fluoranthene ...	16.222	427010	4.402 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	427010	3.923 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.576	333470	3.398 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.974	446932	4.945 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	446932	4.354 ug/ml
21) T Benzo[g,h,i]perylene ...	18.190	375513	3.939 ug/ml

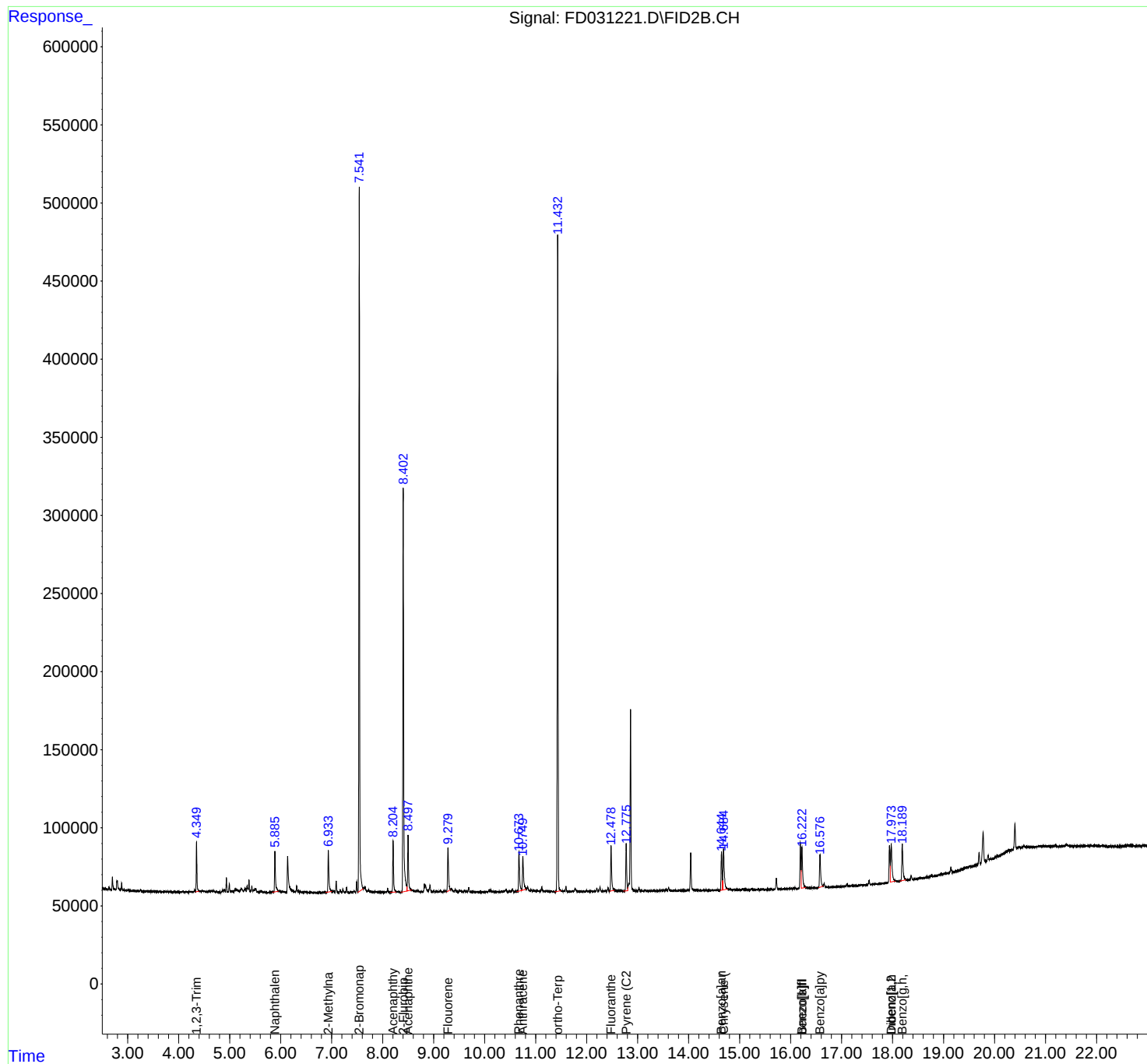
(f)=RT Delta > 1/2 Window

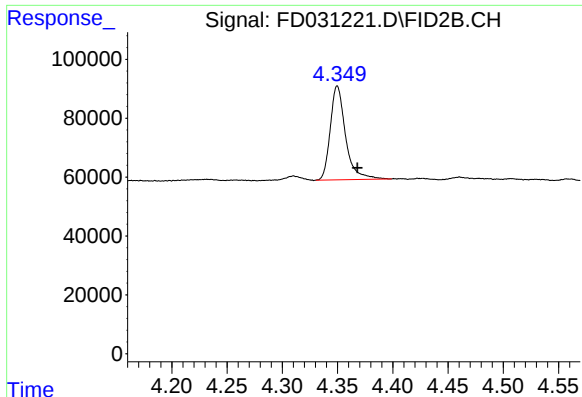
(m)=manual int.

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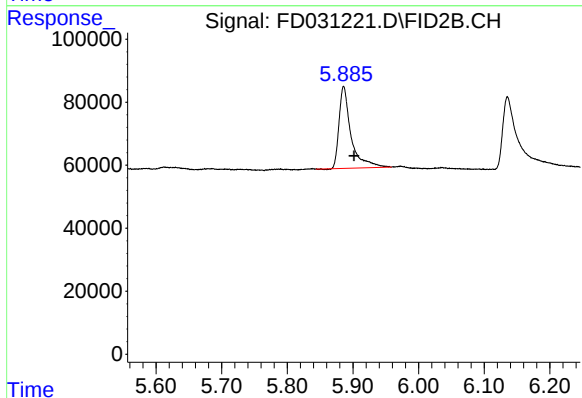
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Signal Info : 20M x 0.18mm x 0.18µm





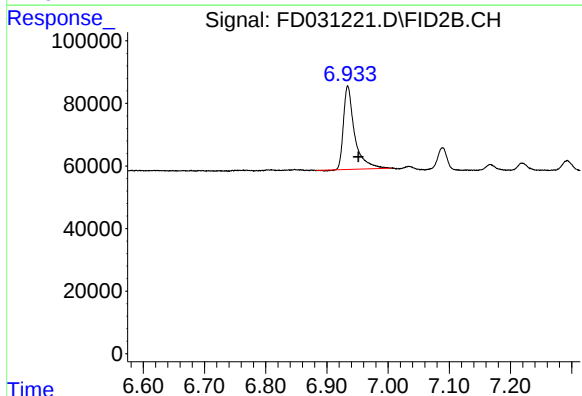
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.350 min
Delta R.T.: -0.018 min
Response: 306774
Conc: 3.09 ug/ml



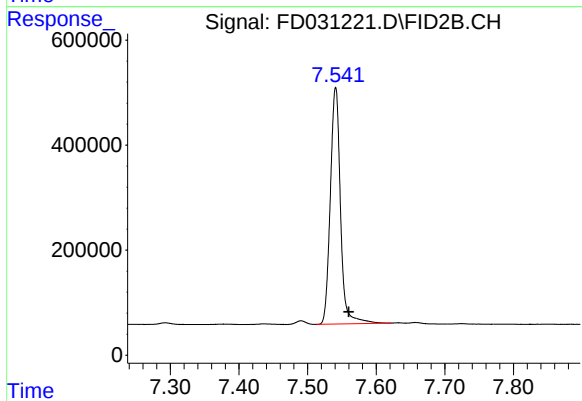
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.016 min
Response: 328299
Conc: 3.24 ug/ml



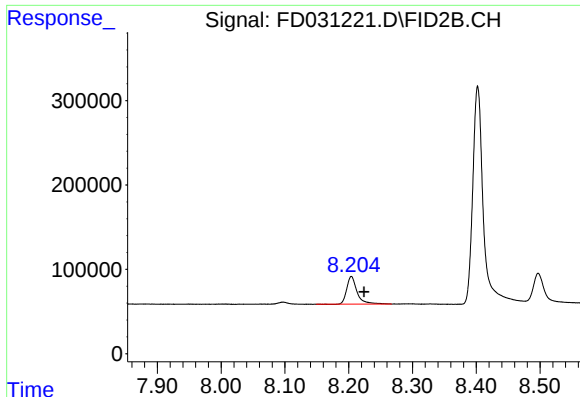
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.018 min
Response: 336587
Conc: 3.28 ug/ml



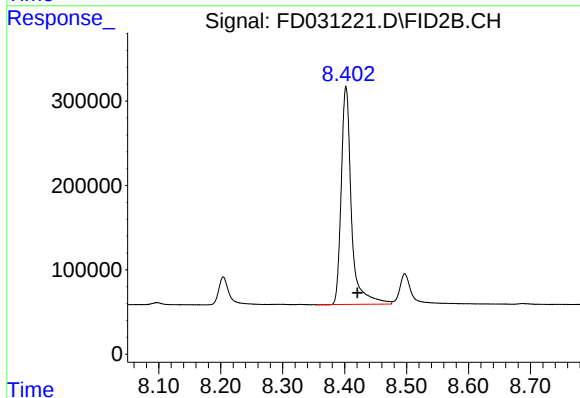
#4 2-Bromonaphthalene (SURR)

R.T.: 7.541 min
Delta R.T.: -0.019 min
Response: 4641527
Conc: 48.56 ug/ml



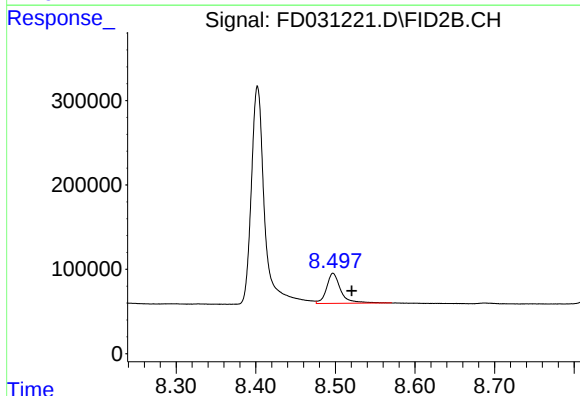
#5 Acenaphthylene (C15.06)

R.T.: 8.204 min
Delta R.T.: -0.020 min
Response: 369507
Conc: 3.58 ug/ml



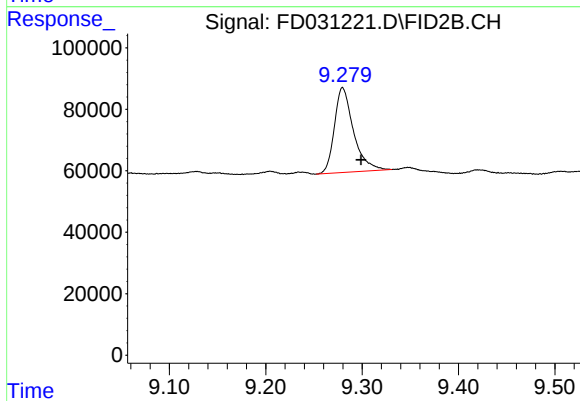
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: -0.018 min
Response: 2967775
Conc: 46.77 ug/ml



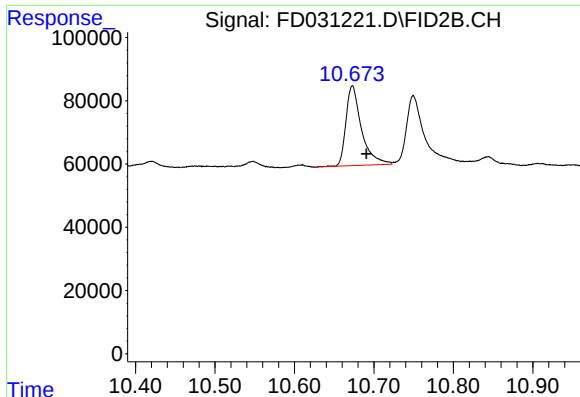
#7 Acenaphthene (C15.5)

R.T.: 8.497 min
Delta R.T.: -0.023 min
Response: 442435
Conc: 4.05 ug/ml



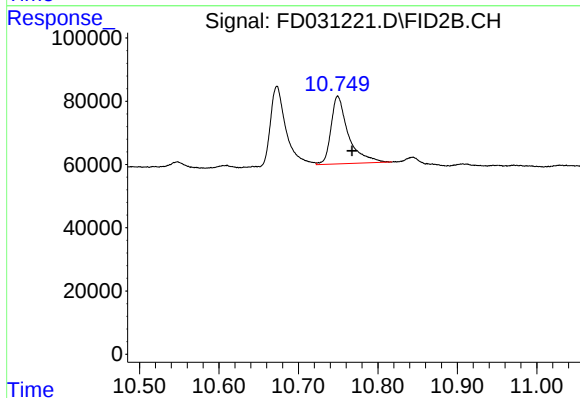
#8 Fluorene (C16.55)

R.T.: 9.280 min
Delta R.T.: -0.019 min
Response: 379810
Conc: 3.66 ug/ml



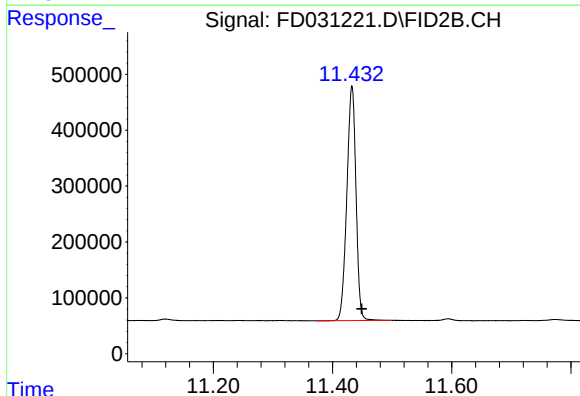
#9 Phenanthrene (C19.36)

R.T.: 10.673 min
Delta R.T.: -0.018 min
Response: 342884
Conc: 3.28 ug/ml



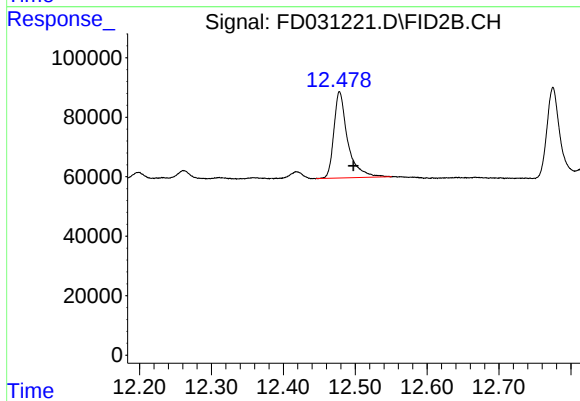
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: -0.018 min
Response: 326038
Conc: 3.11 ug/ml



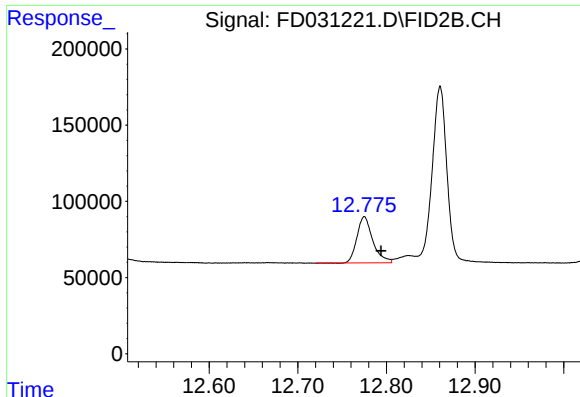
#11 ortho-Terphenyl (SURR)

R.T.: 11.433 min
Delta R.T.: -0.017 min
Response: 4476372
Conc: 40.84 ug/ml



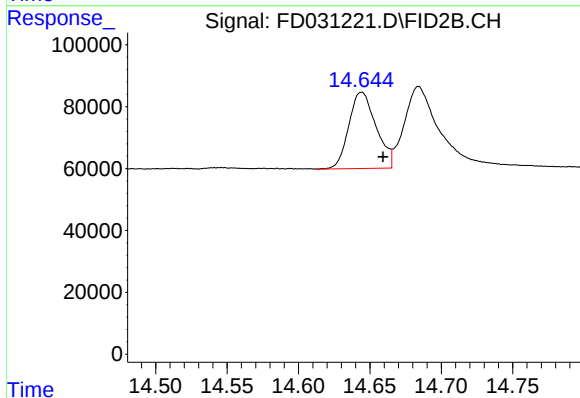
#12 Fluoranthene (C21.85)

R.T.: 12.478 min
Delta R.T.: -0.019 min
Response: 388399
Conc: 3.66 ug/ml



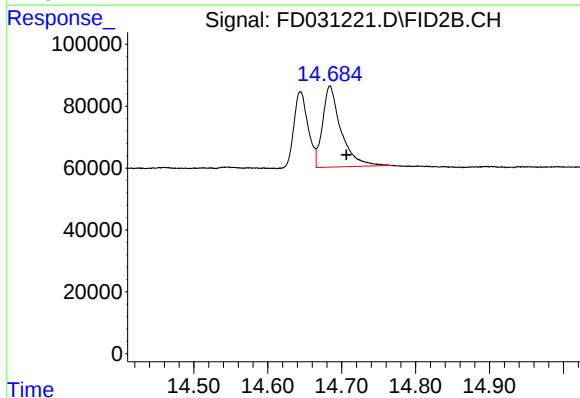
#13 Pyrene (C20.8)

R.T.: 12.775 min
Delta R.T.: -0.019 min
Response: 378208
Conc: 3.57 ug/ml



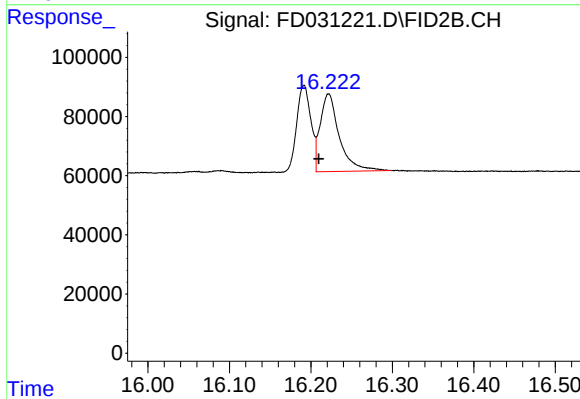
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.015 min
Response: 327660
Conc: 3.41 ug/ml



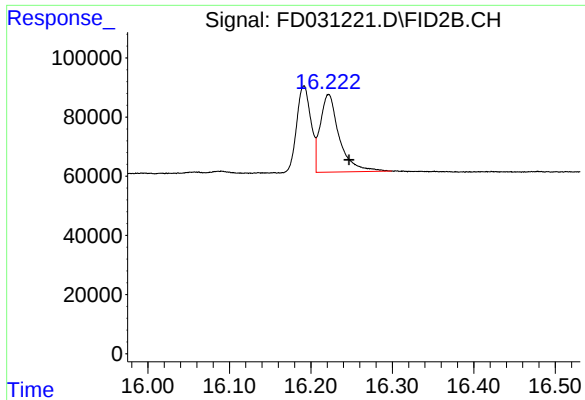
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: -0.022 min
Response: 455040
Conc: 4.14 ug/ml



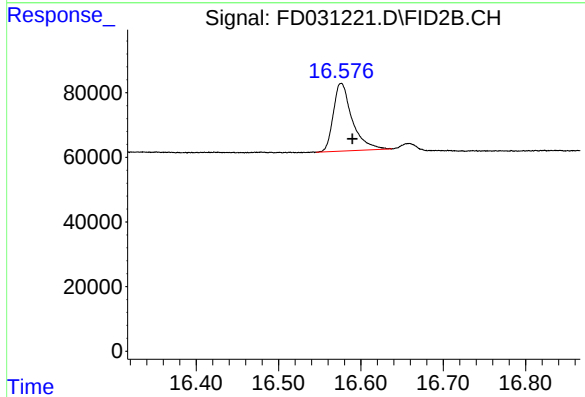
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.222 min
Delta R.T.: 0.012 min
Response: 427010
Conc: 4.40 ug/ml



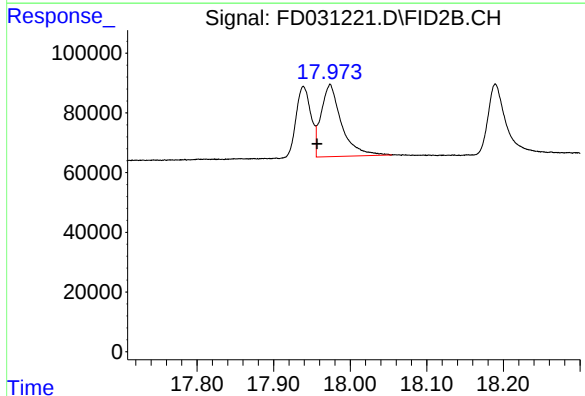
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: -0.025 min
Response: 427010
Conc: 3.92 ug/ml



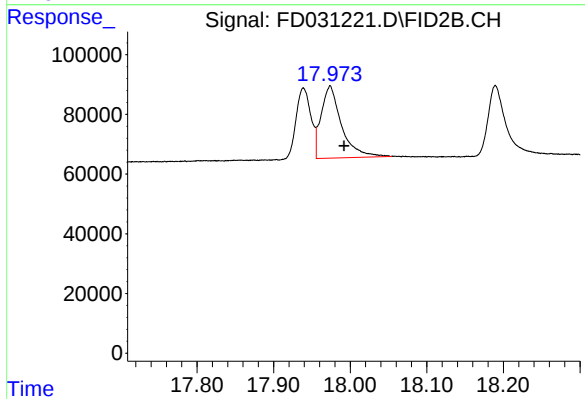
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.576 min
Delta R.T.: -0.013 min
Response: 333470
Conc: 3.40 ug/ml



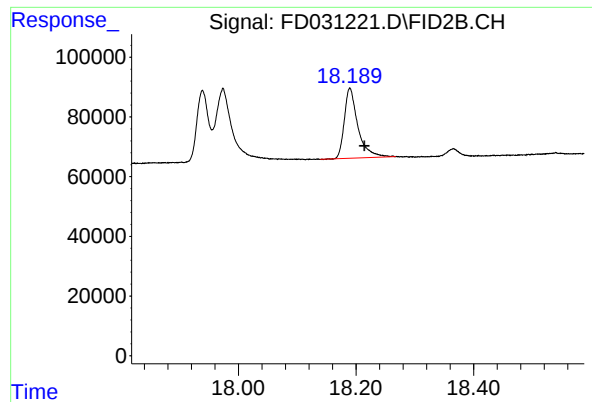
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.974 min
Delta R.T.: 0.017 min
Response: 446932
Conc: 4.94 ug/ml



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

R.T.: 17.974 min
Delta R.T.: -0.018 min
Response: 446932
Conc: 4.35 ug/ml



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

R.T.: 18.190 min
Delta R.T.: -0.024 min
Response: 375513
Conc: 3.94 ug/ml