

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102419AR\
 Data File : FD031219.D
 Signal(s) : FID2B.CH
 Acq On : 24 Oct 2019 11:57
 Operator : DD\AJ
 Sample : K5111-01
 Misc : LOD-4 PPM
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:27:30 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...	7.542	4628843	48.426 ug/ml
Spiked Amount 50.000		Recovery =	96.85%
6) S 2-Fluorobiphenyl (SURR)	8.403	2953106	46.541 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.08%
11) S ortho-Terphenyl (SURR)	11.433	4458746	40.682 ug/ml
Spiked Amount 50.000		Recovery =	81.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	314820	3.174 ug/mlm
2) T Naphthalene (C11.7)	5.887	349416	3.451 ug/mlm
3) T 2-Methylnaphthalene (...)	6.935	372032	3.628 ug/mlm
5) T Acenaphthylene (C15.06)	8.205	388771	3.766 ug/mlm
7) T Acenaphthene (C15.5)	8.498	436053	3.995 ug/ml
8) T Flouorene (C16.55)	9.281	410311	3.958 ug/mlm
9) T Phenanthrene (C19.36)	10.673	366711	3.510 ug/mlm
10) T Anthracene (C19.43)	10.750	321615	3.065 ug/ml
12) T Fluoranthene (C21.85)	12.480	384563	3.620 ug/ml
13) T Pyrene (C20.8)	12.775	377027	3.558 ug/ml
14) T Benzo[a]anthracene (C...	14.644	332726	3.463 ug/mlm
15) T Chrysene (C27.41)	14.686	441556	4.016 ug/ml
16) T benzo[b]fluoranthene ...	16.192	356464	3.675 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.223	415250	3.815 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	361237	3.681 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.940	323457	3.579 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	425515	4.145 ug/ml
21) T Benzo[g,h,i]perylene ...	18.189	372598	3.909 ug/ml

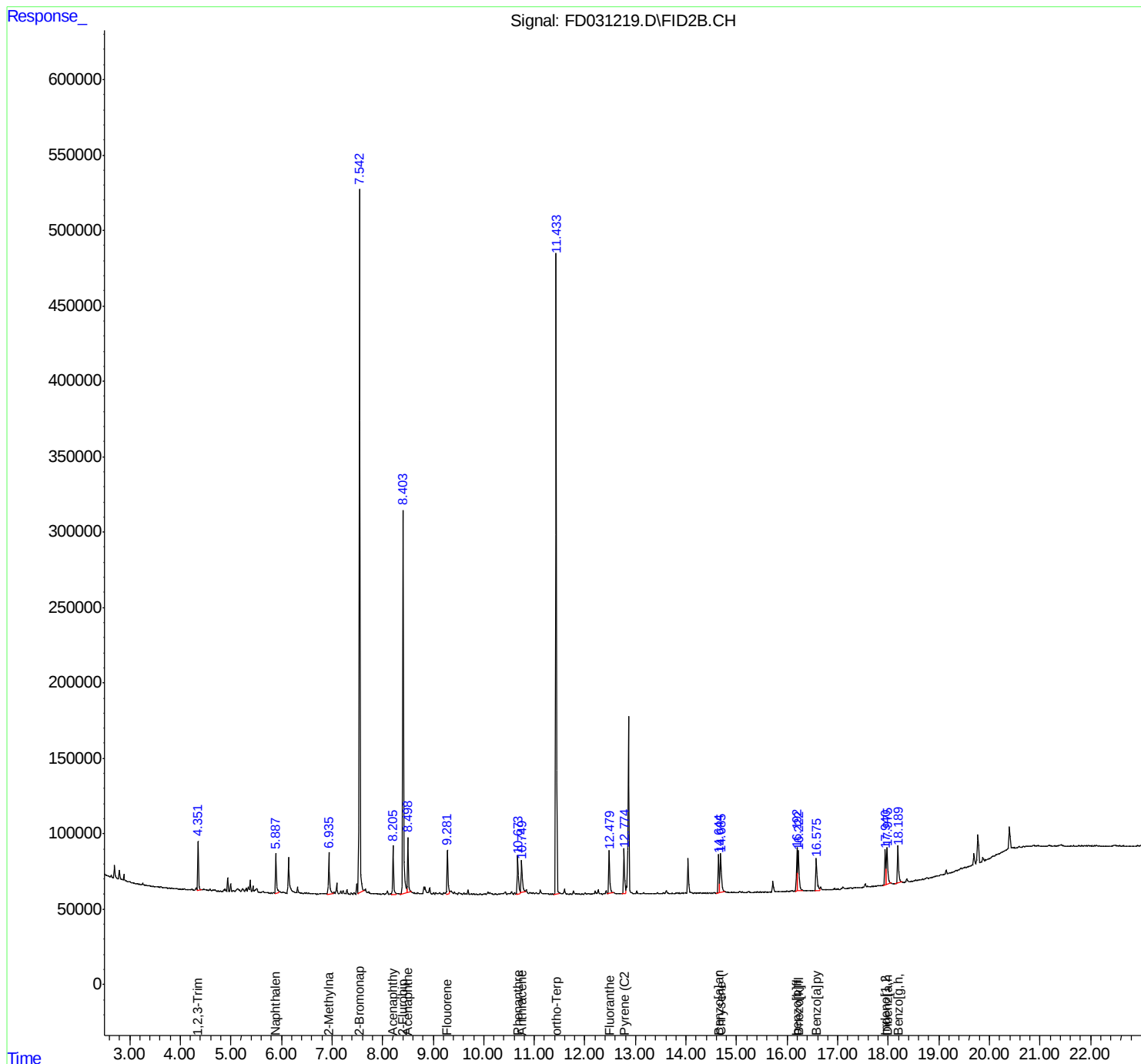
(f)=RT Delta > 1/2 Window

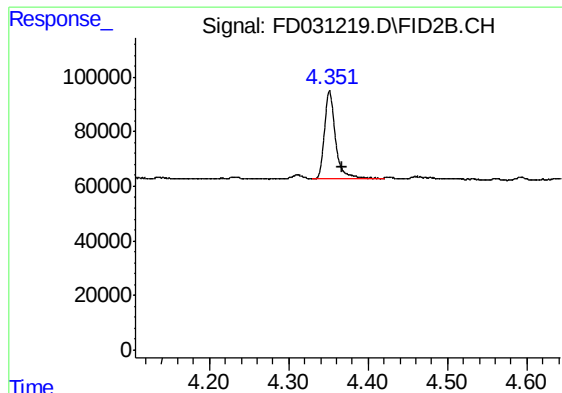
(m)=manual int.

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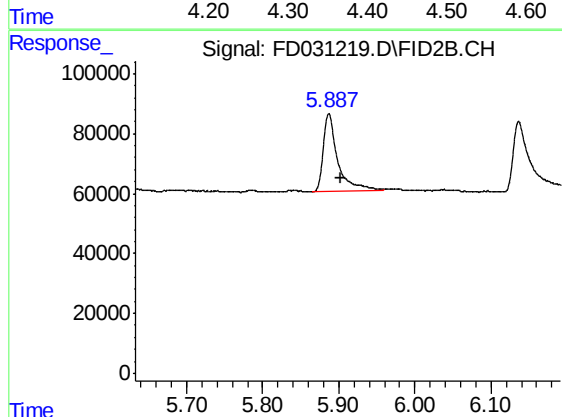
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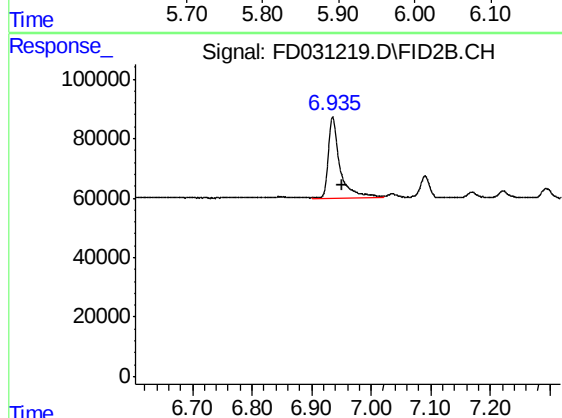
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.351 min
Delta R.T.: -0.017 min
Response: 314820
Conc: 3.17 ug/ml m



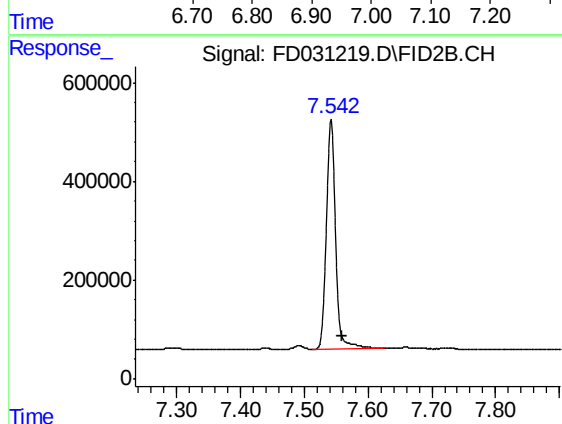
#2 Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.015 min
Response: 349416
Conc: 3.45 ug/ml m



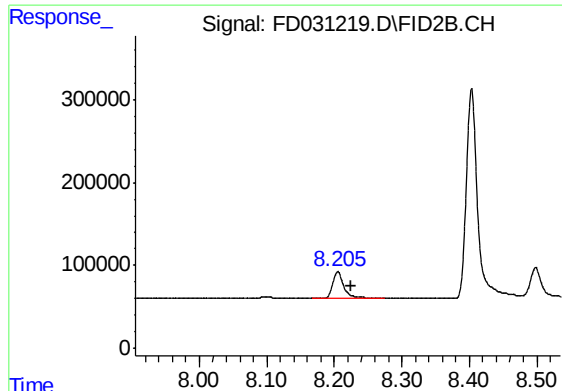
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.017 min
Response: 372032
Conc: 3.63 ug/ml m



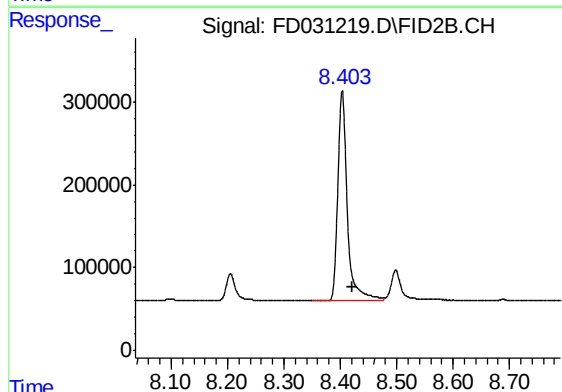
#4 2-Bromonaphthalene (SURR)

R.T.: 7.542 min
Delta R.T.: -0.018 min
Response: 4628843
Conc: 48.43 ug/ml



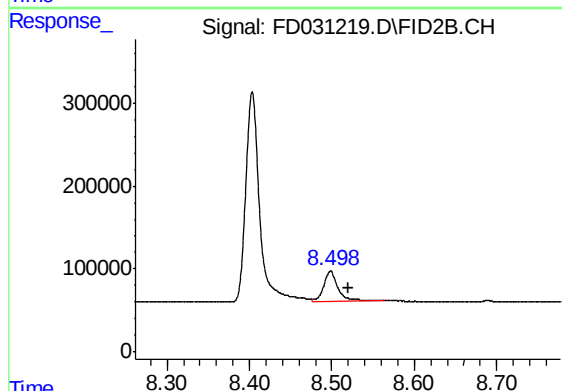
#5 Acenaphthylene (C15.06)

R.T.: 8.205 min
Delta R.T.: -0.020 min
Response: 388771
Conc: 3.77 ug/ml m



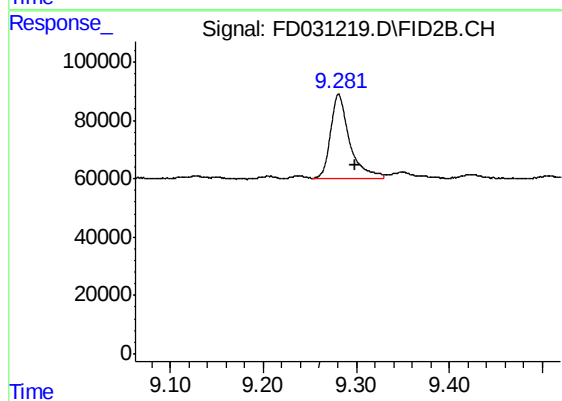
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: -0.017 min
Response: 2953106
Conc: 46.54 ug/ml



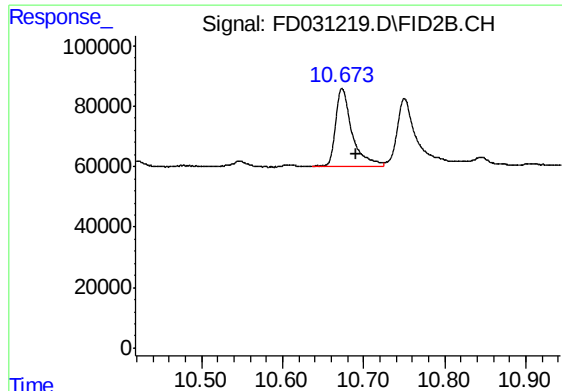
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: -0.022 min
Response: 436053
Conc: 3.99 ug/ml



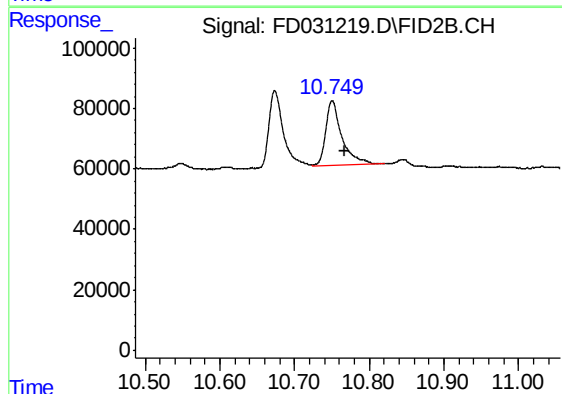
#8 Flouorene (C16.55)

R.T.: 9.281 min
Delta R.T.: -0.018 min
Response: 410311
Conc: 3.96 ug/ml m



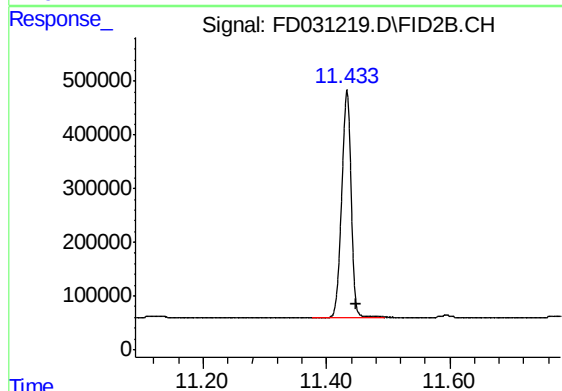
#9 Phenanthrene (C19.36)

R.T.: 10.673 min
Delta R.T.: -0.018 min
Response: 366711
Conc: 3.51 ug/ml m



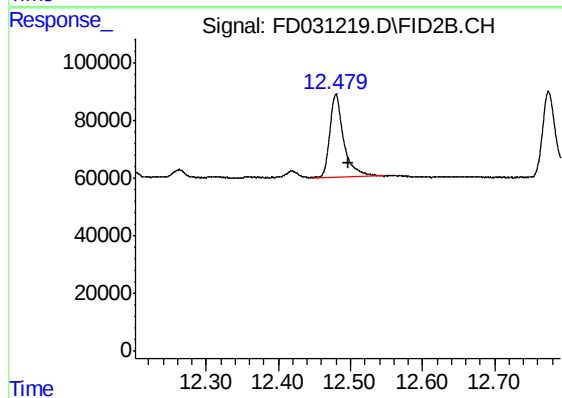
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: -0.017 min
Response: 321615
Conc: 3.07 ug/ml



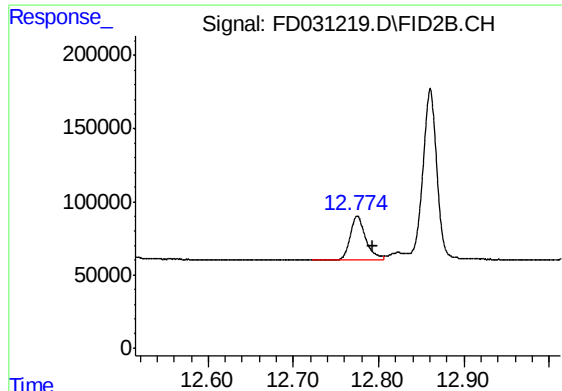
#11 ortho-Terphenyl (SURR)

R.T.: 11.433 min
Delta R.T.: -0.016 min
Response: 4458746
Conc: 40.68 ug/ml



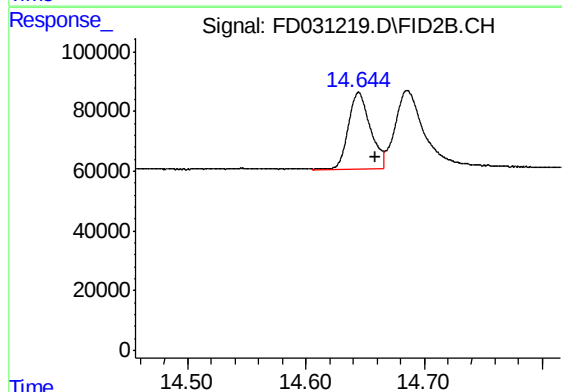
#12 Fluoranthene (C21.85)

R.T.: 12.480 min
Delta R.T.: -0.018 min
Response: 384563
Conc: 3.62 ug/ml



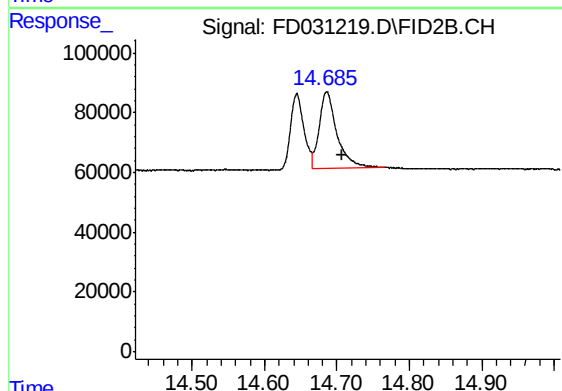
#13 Pyrene (C20.8)

R.T.: 12.775 min
Delta R.T.: -0.019 min
Response: 377027
Conc: 3.56 ug/ml



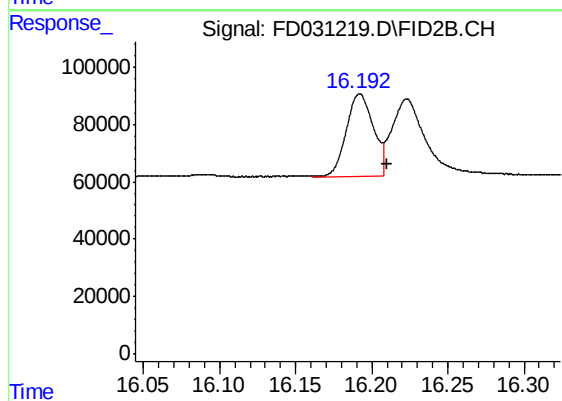
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.015 min
Response: 332726
Conc: 3.46 ug/ml m



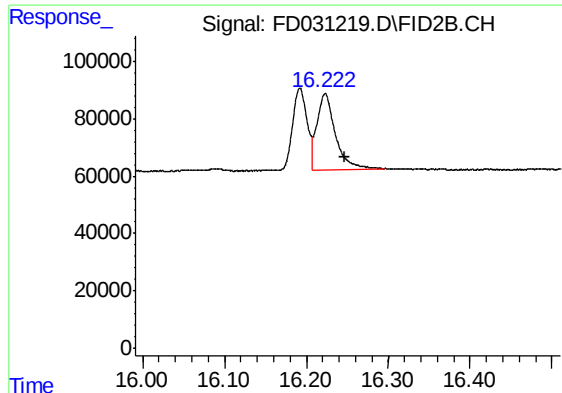
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: -0.021 min
Response: 441556
Conc: 4.02 ug/ml



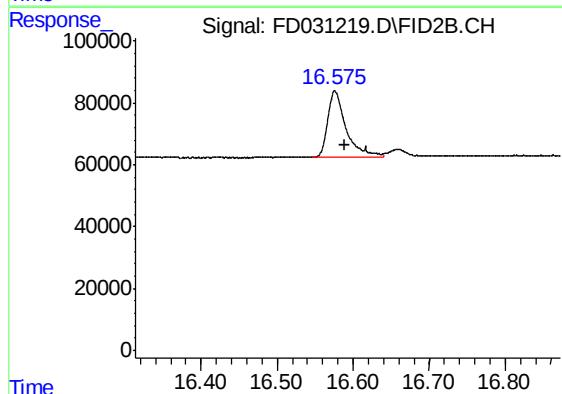
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.192 min
Delta R.T.: -0.018 min
Response: 356464
Conc: 3.67 ug/ml m



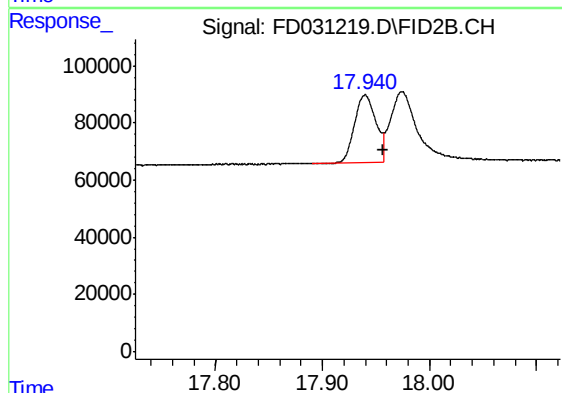
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.223 min
Delta R.T.: -0.024 min
Response: 415250
Conc: 3.81 ug/ml



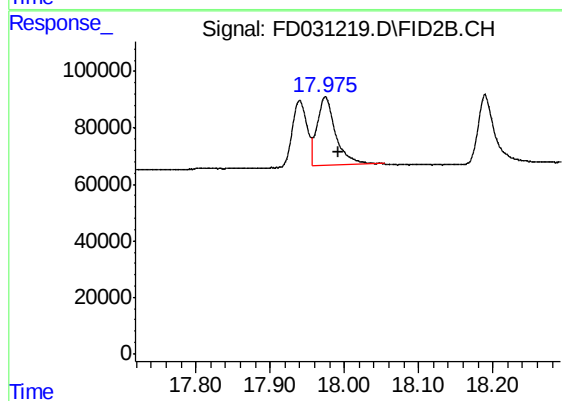
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: -0.015 min
Response: 361237
Conc: 3.68 ug/ml m



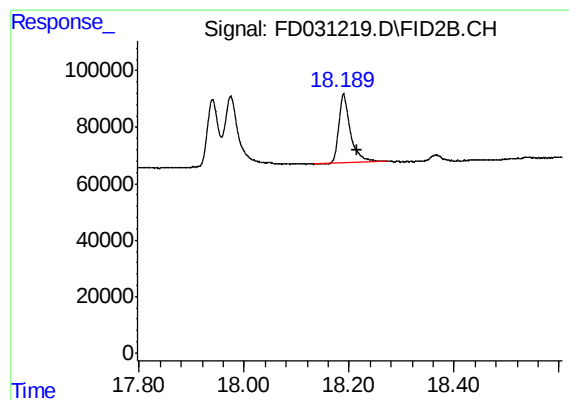
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.940 min
Delta R.T.: -0.017 min
Response: 323457
Conc: 3.58 ug/ml



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

R.T.: 17.974 min
Delta R.T.: -0.017 min
Response: 425515
Conc: 4.14 ug/ml



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

R.T.: 18.189 min
Delta R.T.: -0.025 min
Response: 372598
Conc: 3.91 ug/ml