

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102419AR\
 Data File : FD031222.D
 Signal(s) : FID2B.CH
 Acq On : 24 Oct 2019 15:01
 Operator : DD\AJ
 Sample : K5111-08
 Misc : LOD-5 PPM
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:28:18 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	4738160	49.570 ug/ml
Spiked Amount 50.000		Recovery =	99.14%
6) S 2-Fluorobiphenyl (SURR)	8.403	3083996	48.604 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.21%
11) S ortho-Terphenyl (SURR)	11.433	4554462	41.555 ug/ml
Spiked Amount 50.000		Recovery =	83.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	403630	4.069 ug/mlm
2) T Naphthalene (C11.7)	5.886	425209	4.200 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	450926	4.398 ug/ml
5) T Acenaphthylene (C15.06)	8.204	476673	4.618 ug/ml
7) T Acenaphthene (C15.5)	8.497	549598	5.035 ug/ml
8) T Flouorene (C16.55)	9.280	464716	4.483 ug/ml
9) T Phenanthrene (C19.36)	10.672	430358	4.120 ug/ml
10) T Anthracene (C19.43)	10.748	437553	4.170 ug/mlm
12) T Fluoranthene (C21.85)	12.478	496585	4.675 ug/ml
13) T Pyrene (C20.8)	12.774	444910	4.199 ug/ml
14) T Benzo[a]anthracene (C...	14.643	418232	4.353 ug/ml
15) T Chrysene (C27.41)	14.685	581482	5.289 ug/ml
16) T benzo[b]fluoranthene ...	16.190	460061	4.743 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.222	538411	4.946 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.574	421132	4.292 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.938	423852	4.689 ug/mlm
20) T Dibenz[a,h]anthracene...	17.972	549696	5.355 ug/ml
21) T Benzo[g,h,i]perylene ...	18.188	473811	4.971 ug/ml

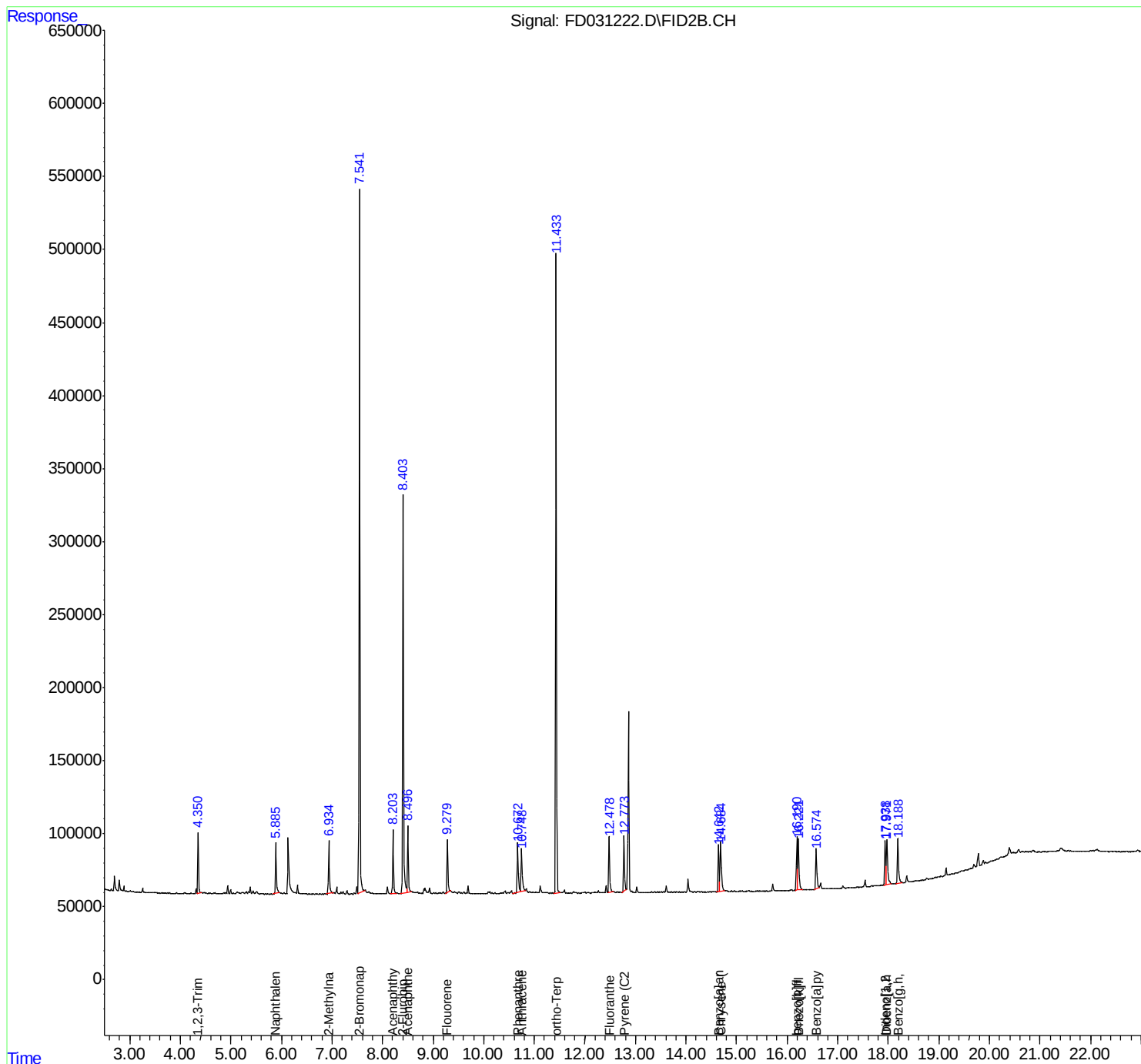
(f)=RT Delta > 1/2 Window

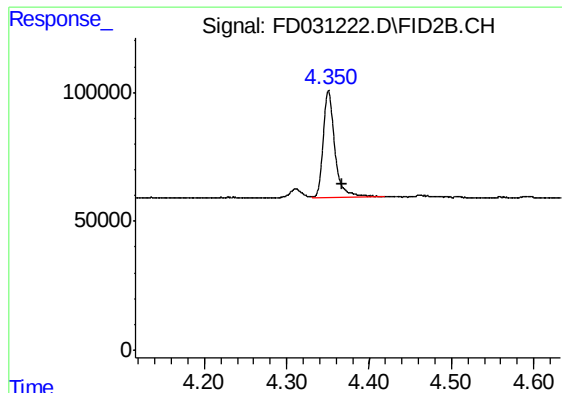
(m)=manual int.

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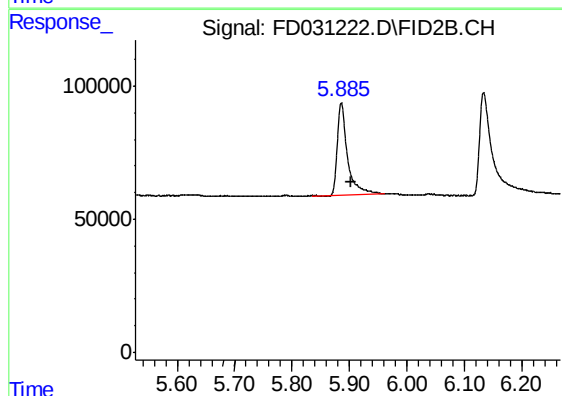
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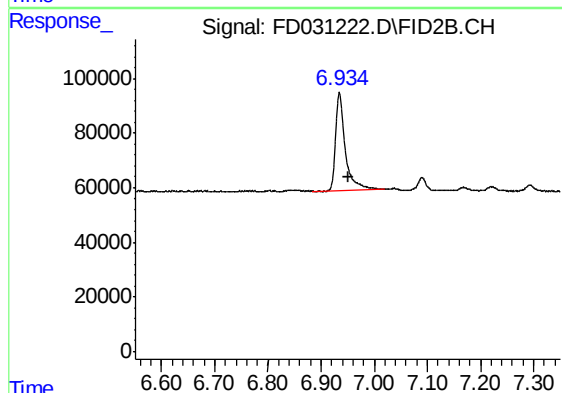
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.350 min
Delta R.T.: -0.018 min
Response: 403630
Conc: 4.07 ug/ml m



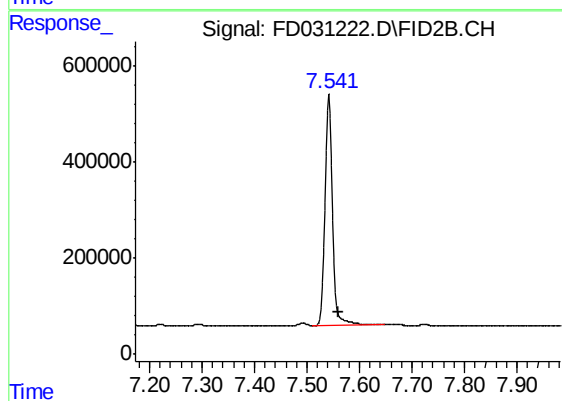
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.016 min
Response: 425209
Conc: 4.20 ug/ml



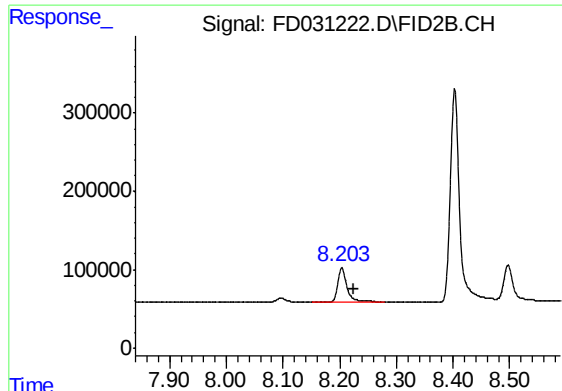
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.017 min
Response: 450926
Conc: 4.40 ug/ml



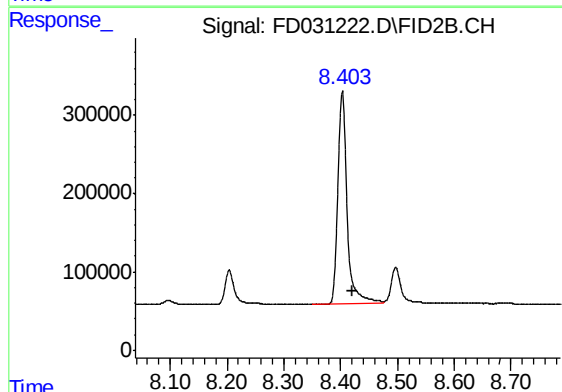
#4 2-Bromonaphthalene (SURR)

R.T.: 7.542 min
Delta R.T.: -0.018 min
Response: 4738160
Conc: 49.57 ug/ml



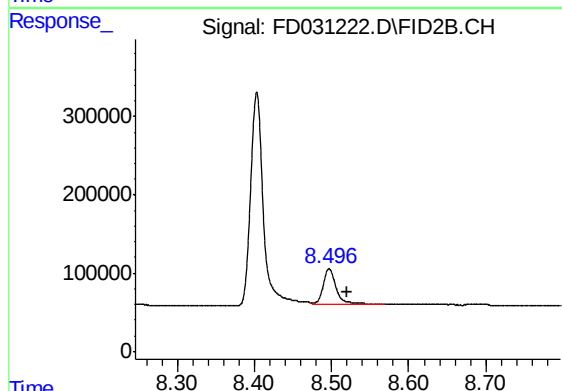
#5 Acenaphthylene (C15.06)

R.T.: 8.204 min
Delta R.T.: -0.020 min
Response: 476673
Conc: 4.62 ug/ml



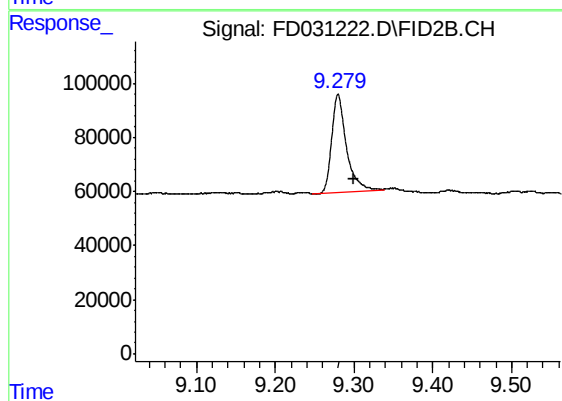
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: -0.017 min
Response: 3083996
Conc: 48.60 ug/ml



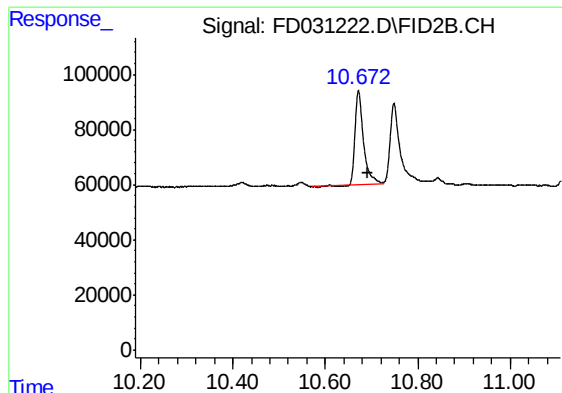
#7 Acenaphthene (C15.5)

R.T.: 8.497 min
Delta R.T.: -0.024 min
Response: 549598
Conc: 5.03 ug/ml



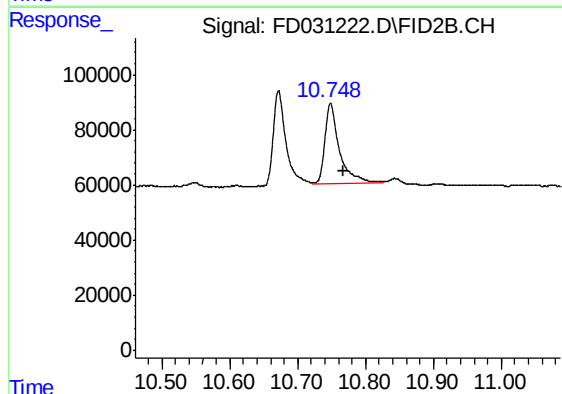
#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: -0.019 min
Response: 464716
Conc: 4.48 ug/ml



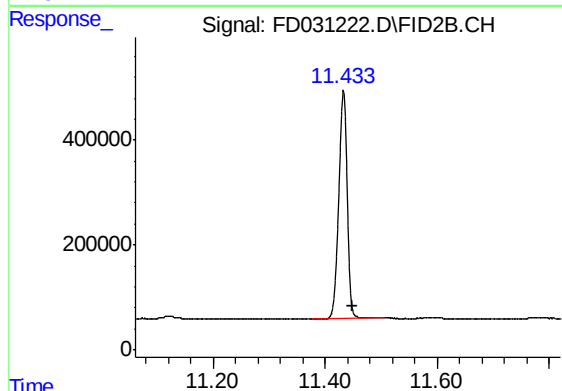
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: -0.019 min
Response: 430358
Conc: 4.12 ug/ml



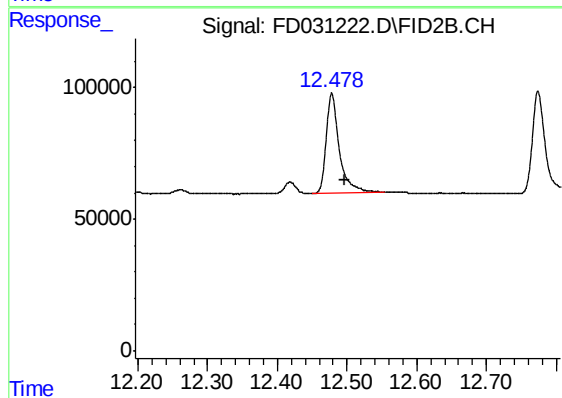
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: -0.020 min
Response: 437553
Conc: 4.17 ug/ml m



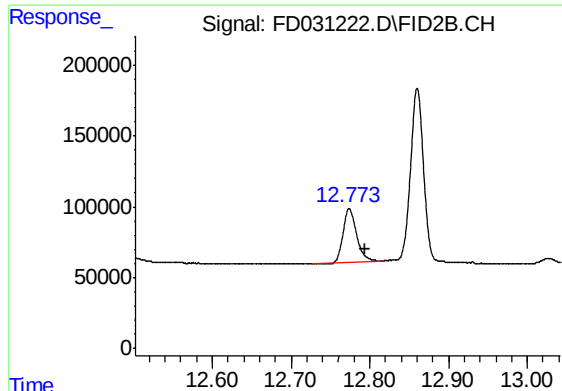
#11 ortho-Terphenyl (SURR)

R.T.: 11.433 min
Delta R.T.: -0.016 min
Response: 4554462
Conc: 41.56 ug/ml



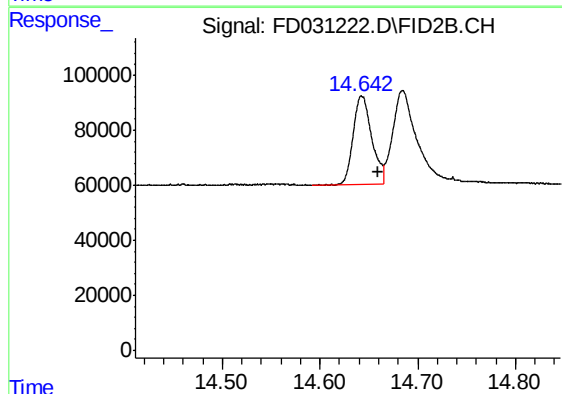
#12 Fluoranthene (C21.85)

R.T.: 12.478 min
Delta R.T.: -0.019 min
Response: 496585
Conc: 4.67 ug/ml



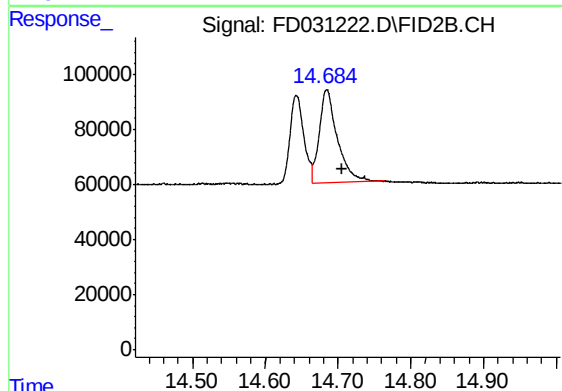
#13 Pyrene (C20.8)

R.T.: 12.774 min
Delta R.T.: -0.020 min
Response: 444910
Conc: 4.20 ug/ml



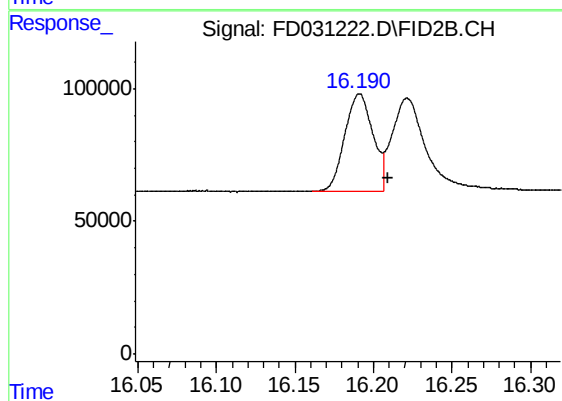
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: -0.017 min
Response: 418232
Conc: 4.35 ug/ml



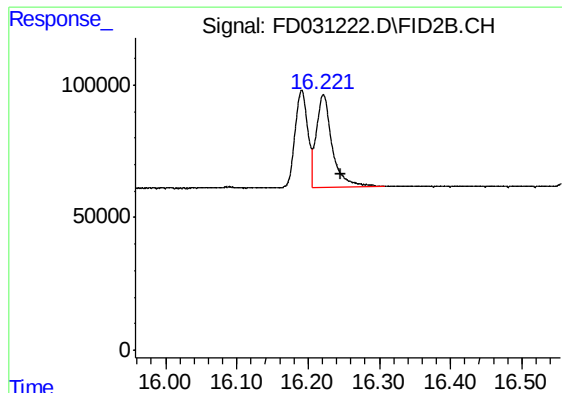
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: -0.022 min
Response: 581482
Conc: 5.29 ug/ml



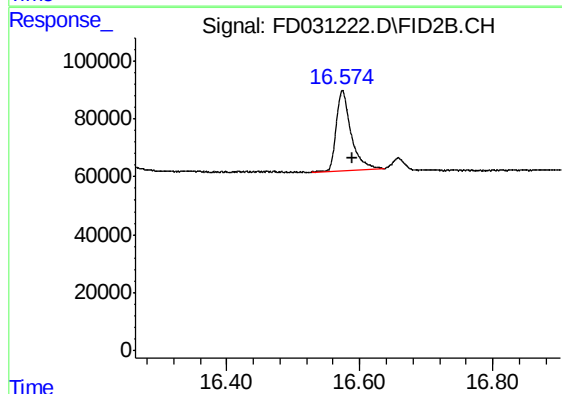
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.190 min
Delta R.T.: -0.019 min
Response: 460061
Conc: 4.74 ug/ml m



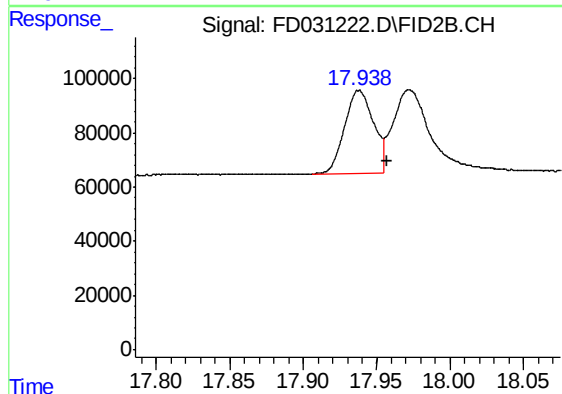
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: -0.025 min
Response: 538411
Conc: 4.95 ug/ml



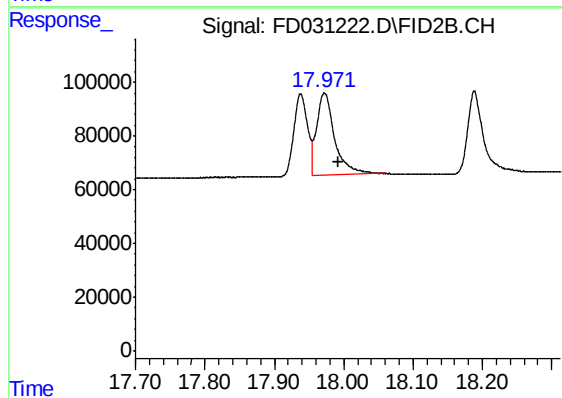
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.574 min
Delta R.T.: -0.015 min
Response: 421132
Conc: 4.29 ug/ml



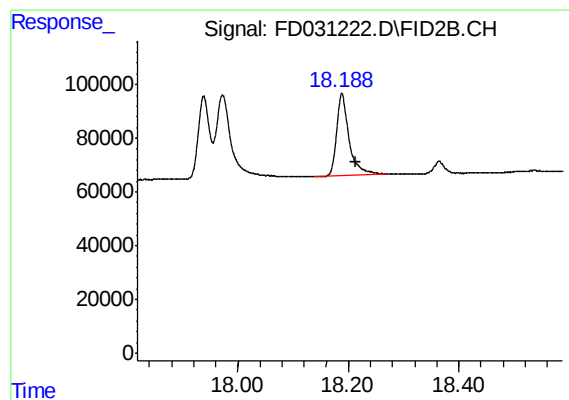
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.938 min
Delta R.T.: -0.018 min
Response: 423852
Conc: 4.69 ug/ml m



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

R.T.: 17.972 min
Delta R.T.: -0.020 min
Response: 549696
Conc: 5.35 ug/ml



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

R.T.: 18.188 min
Delta R.T.: -0.026 min
Response: 473811
Conc: 4.97 ug/ml