

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102419AR\
 Data File : FD031220.D
 Signal(s) : FID2B.CH
 Acq On : 24 Oct 2019 13:10
 Operator : DD\AJ
 Sample : K5111-02
 Misc : LOQ-5 PPM
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:27:46 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	4752408	49.719 ug/ml
Spiked Amount 50.000		Recovery =	99.44%
6) S 2-Fluorobiphenyl (SURR)	8.403	3103190	48.907 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.81%
11) S ortho-Terphenyl (SURR)	11.433	4569872	41.696 ug/ml
Spiked Amount 50.000		Recovery =	83.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	418340	4.217 ug/mlm
2) T Naphthalene (C11.7)	5.885	481557	4.756 ug/mlm
3) T 2-Methylnaphthalene (...)	6.934	469453	4.579 ug/mlm
5) T Acenaphthylene (C15.06)	8.204	479984	4.650 ug/ml
7) T Acenaphthene (C15.5)	8.497	549008	5.030 ug/ml
8) T Flouorene (C16.55)	9.279	515371	4.972 ug/mlm
9) T Phenanthrene (C19.36)	10.671	473593	4.533 ug/mlm
10) T Anthracene (C19.43)	10.748	443247	4.224 ug/mlm
12) T Fluoranthene (C21.85)	12.479	494873	4.658 ug/ml
13) T Pyrene (C20.8)	12.775	491278	4.636 ug/ml
14) T Benzo[a]anthracene (C...	14.644	419991	4.372 ug/ml
15) T Chrysene (C27.41)	14.685	581871	5.293 ug/ml
16) T benzo[b]fluoranthene ...	16.191	448232	4.621 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.222	524980	4.823 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	428826	4.370 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.937	421539	4.664 ug/mlm
20) T Dibenz[a,h]anthracene...	17.973	555883	5.415 ug/ml
21) T Benzo[g,h,i]perylene ...	18.189	473120	4.963 ug/ml

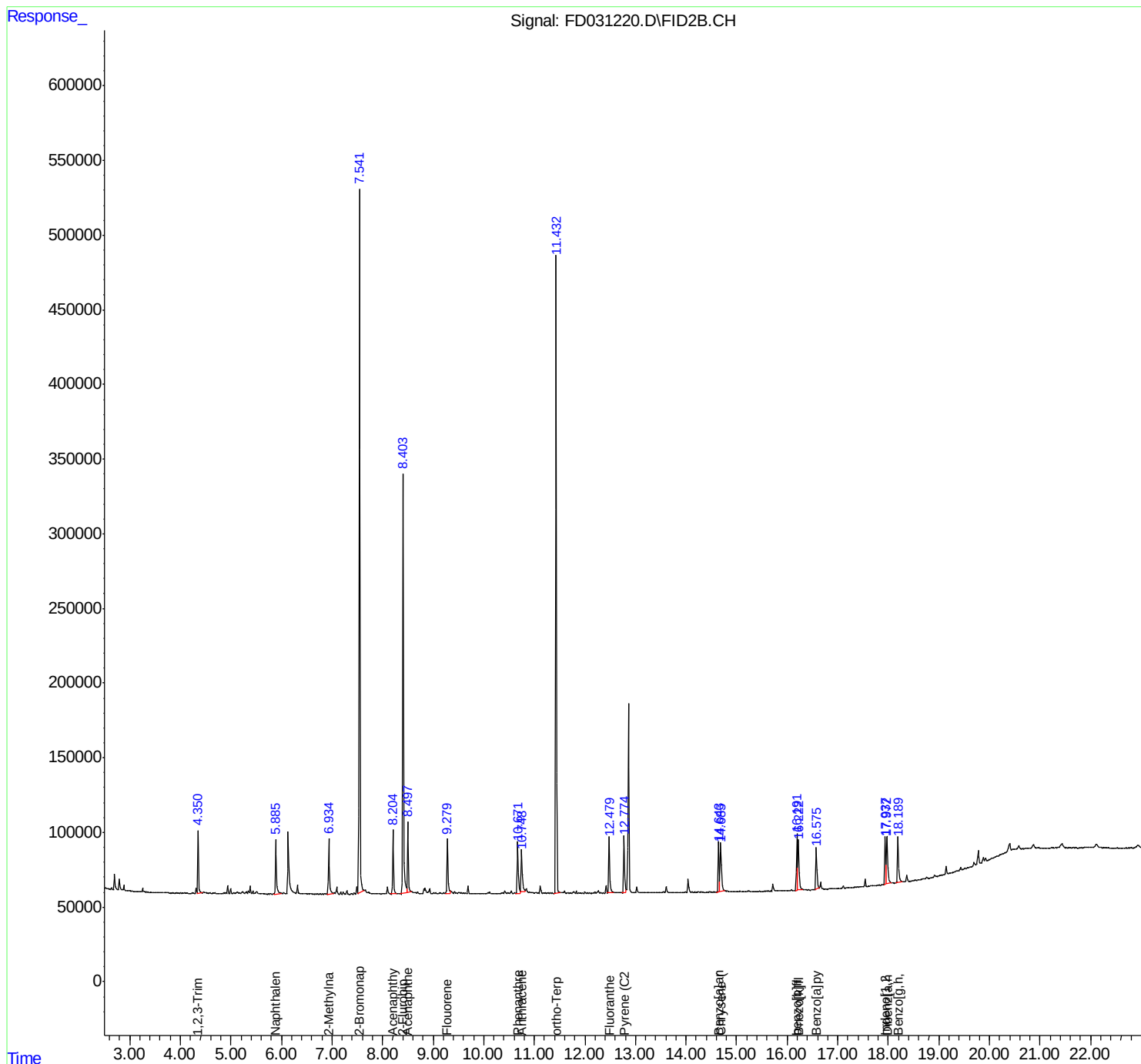
(f)=RT Delta > 1/2 Window

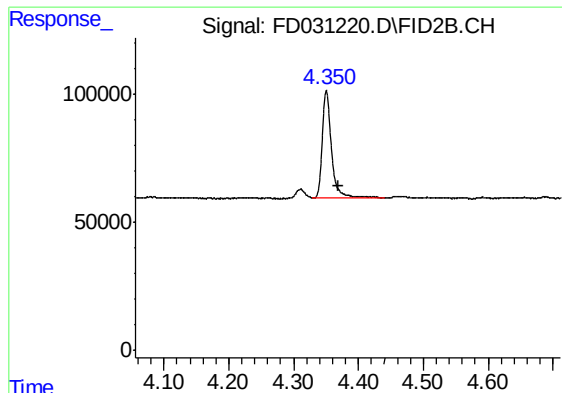
(m)=manual int.

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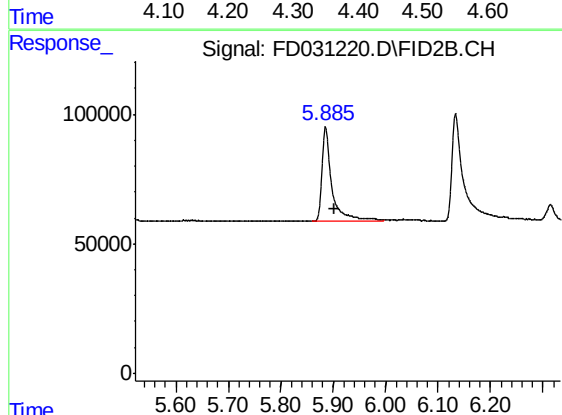
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Signal Info : 20M x 0.18mm x 0.18µm





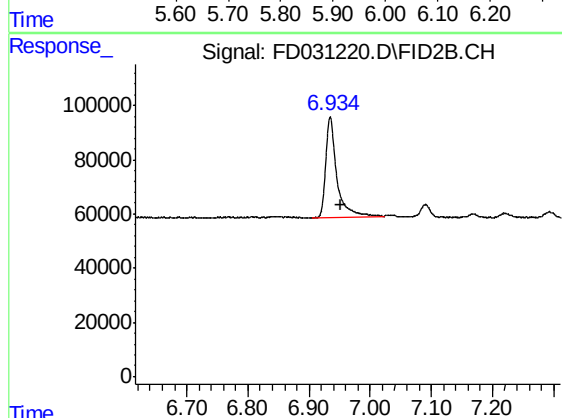
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.350 min
Delta R.T.: -0.018 min
Response: 418340
Conc: 4.22 ug/ml m



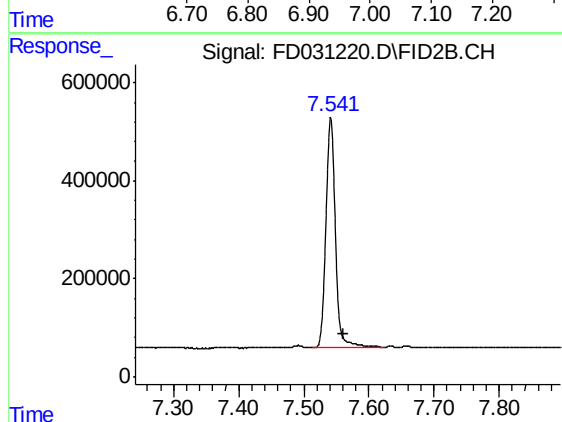
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.017 min
Response: 481557
Conc: 4.76 ug/ml m



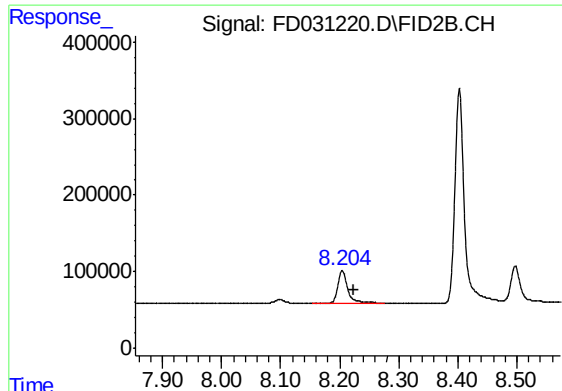
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.017 min
Response: 469453
Conc: 4.58 ug/ml m



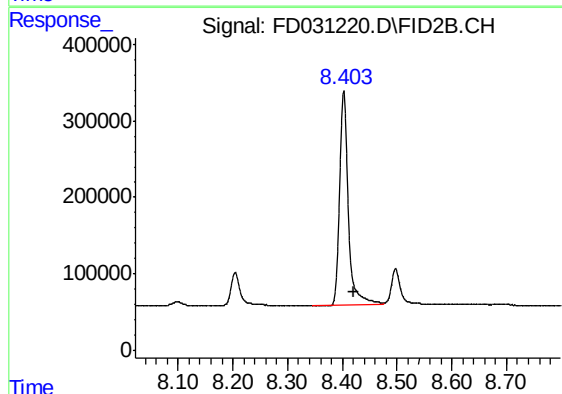
#4 2-Bromonaphthalene (SURR)

R.T.: 7.542 min
Delta R.T.: -0.018 min
Response: 4752408
Conc: 49.72 ug/ml



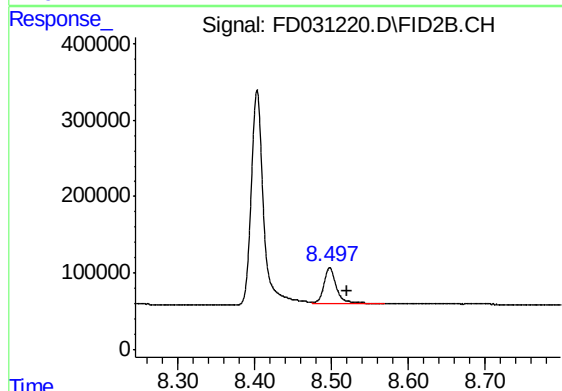
#5 Acenaphthylene (C15.06)

R.T.: 8.204 min
Delta R.T.: -0.020 min
Response: 479984
Conc: 4.65 ug/ml



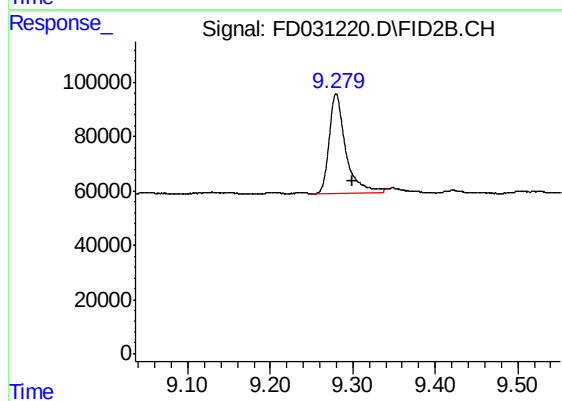
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: -0.018 min
Response: 3103190
Conc: 48.91 ug/ml



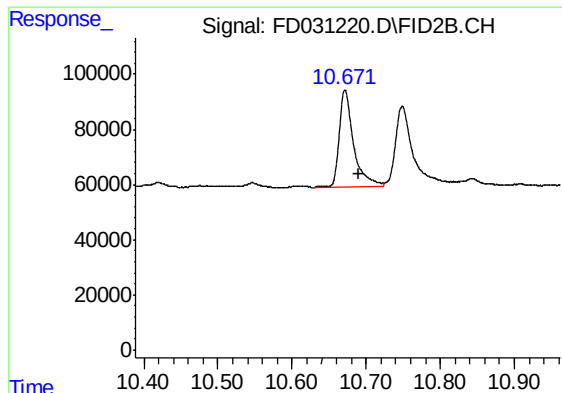
#7 Acenaphthene (C15.5)

R.T.: 8.497 min
Delta R.T.: -0.023 min
Response: 549008
Conc: 5.03 ug/ml



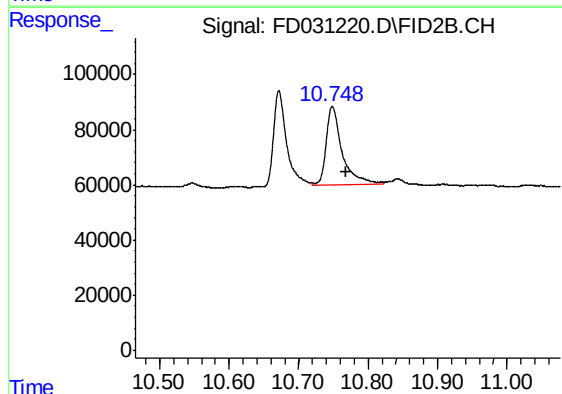
#8 Flouorene (C16.55)

R.T.: 9.279 min
Delta R.T.: -0.020 min
Response: 515371
Conc: 4.97 ug/ml m



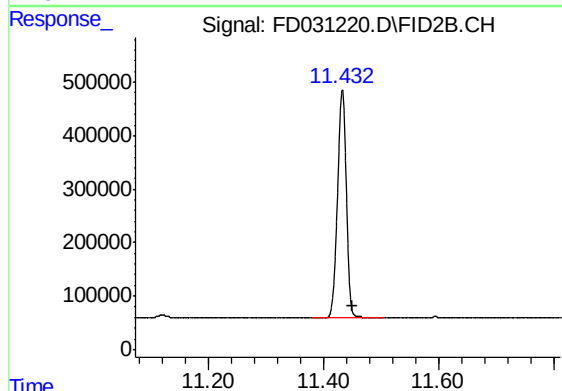
#9 Phenanthrene (C19.36)

R.T.: 10.671 min
Delta R.T.: -0.019 min
Response: 473593
Conc: 4.53 ug/ml m



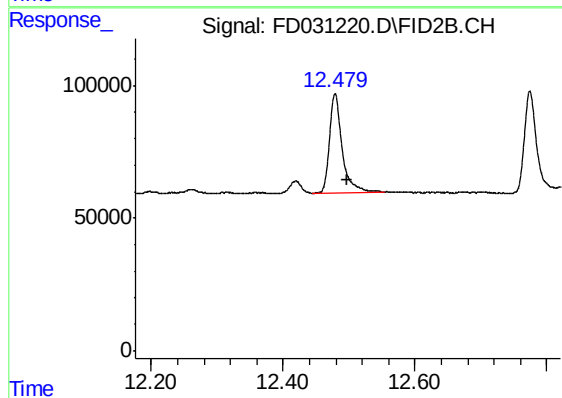
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: -0.019 min
Response: 443247
Conc: 4.22 ug/ml m



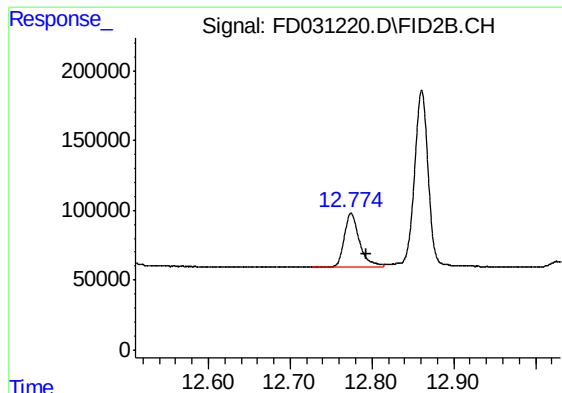
#11 ortho-Terphenyl (SURR)

R.T.: 11.433 min
Delta R.T.: -0.016 min
Response: 4569872
Conc: 41.70 ug/ml



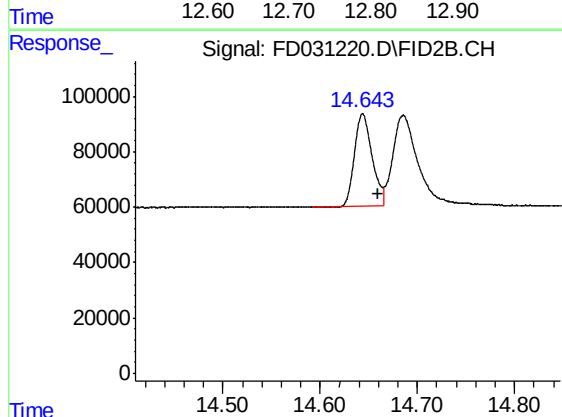
#12 Fluoranthene (C21.85)

R.T.: 12.479 min
Delta R.T.: -0.018 min
Response: 494873
Conc: 4.66 ug/ml



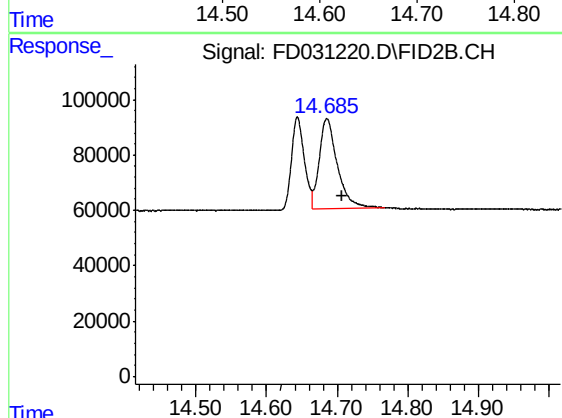
#13 Pyrene (C20.8)

R.T.: 12.775 min
Delta R.T.: -0.019 min
Response: 491278
Conc: 4.64 ug/ml



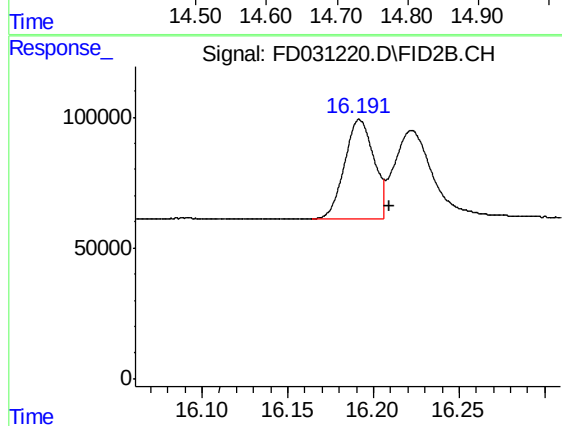
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.016 min
Response: 419991
Conc: 4.37 ug/ml



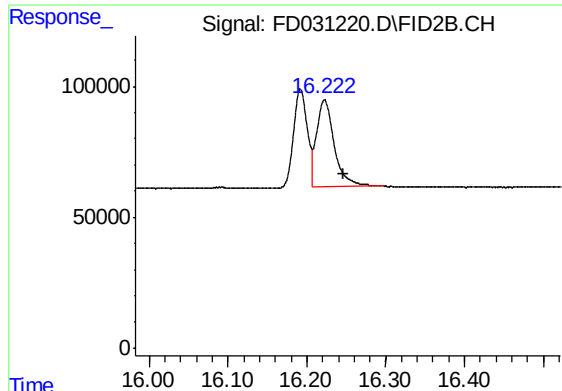
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: -0.021 min
Response: 581871
Conc: 5.29 ug/ml



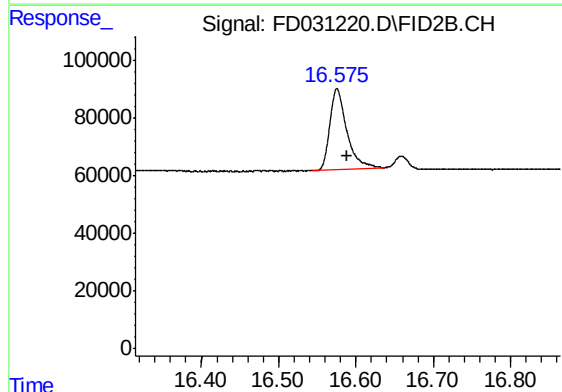
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.191 min
Delta R.T.: -0.018 min
Response: 448232
Conc: 4.62 ug/ml m



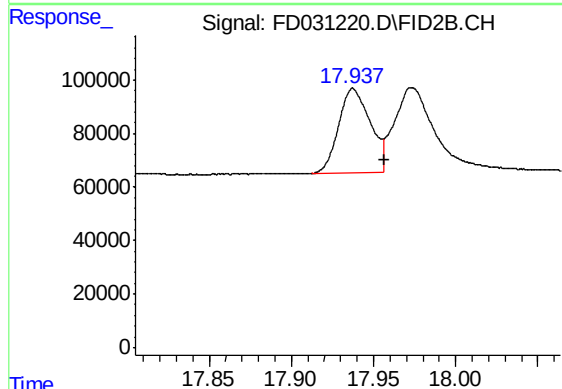
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: -0.024 min
Response: 524980
Conc: 4.82 ug/ml



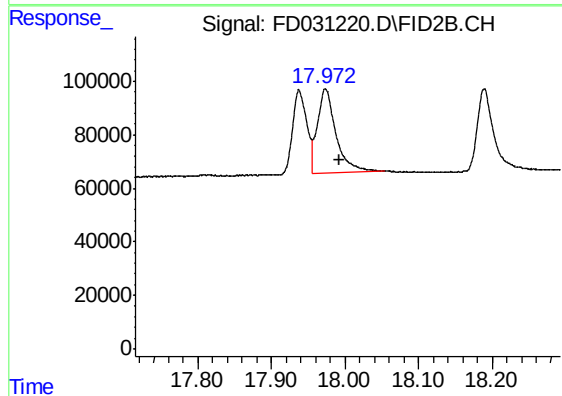
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: -0.014 min
Response: 428826
Conc: 4.37 ug/ml



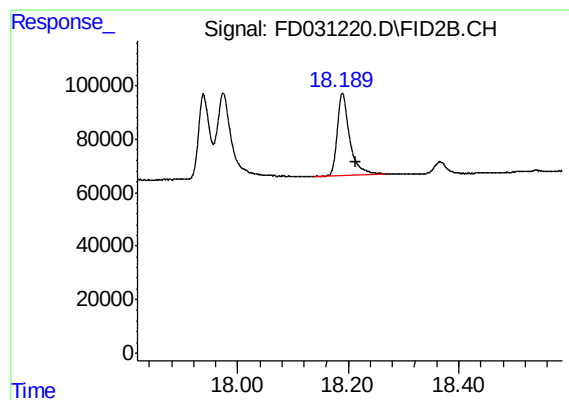
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.937 min
Delta R.T.: -0.020 min
Response: 421539
Conc: 4.66 ug/ml m



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

R.T.: 17.973 min
Delta R.T.: -0.018 min
Response: 555883
Conc: 5.41 ug/ml



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

R.T.: 18.189 min
Delta R.T.: -0.025 min
Response: 473120
Conc: 4.96 ug/ml