

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092420AR\
 Data File : FD034878.D
 Signal(s) : FID2B.CH
 Acq On : 24 Sep 2020 19:03
 Operator : DD\AJ
 Sample : L4101-01MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 25 03:21:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 2020
 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...	7.680	5116062	49.880 ug/ml
Spiked Amount 50.000		Recovery =	99.76%
6) S 2-Fluorobiphenyl (SURR)	8.546	3334922	46.350 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.70%
11) S ortho-Terphenyl (SURR)	11.589	5873976	49.032 ug/ml
Spiked Amount 50.000		Recovery =	98.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	4255265	37.585 ug/ml
2) T Naphthalene (C11.7)	6.016	4717885	40.420 ug/ml
3) T 2-Methylnaphthalene (...)	7.070	4863390	41.178 ug/ml
5) T Acenaphthylene (C15.06)	8.349	5009203	42.861 ug/ml
7) T Acenaphthene (C15.5)	8.645	5312662	44.652 ug/ml
8) T Flouorene (C16.55)	9.427	5543550	48.080 ug/ml
9) T Phenanthrene (C19.36)	10.826	5645119	48.415 ug/ml
10) T Anthracene (C19.43)	10.902	5540709	48.637 ug/ml
12) T Fluoranthene (C21.85)	12.641	5663826	48.570 ug/ml
13) T Pyrene (C20.8)	12.939	5597725	49.325 ug/ml
14) T Benzo[a]anthracene (C...	14.811	5409274	49.013 ug/ml
15) T Chrysene (C27.41)	14.856	5532654	49.533 ug/ml
16) T benzo[b]fluoranthene ...	16.365	5406730	50.478 ug/ml
17) T Bnezo[k]fluoranthene ...	16.398	5134791	48.426 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.744	4801627	45.596 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.112	5475195	54.047 ug/ml
20) T Dibenz[a,h]anthracene...	18.150	5208363	51.262 ug/ml
21) T Benzo[g,h,i]perylene ...	18.369	5203460	51.533 ug/ml

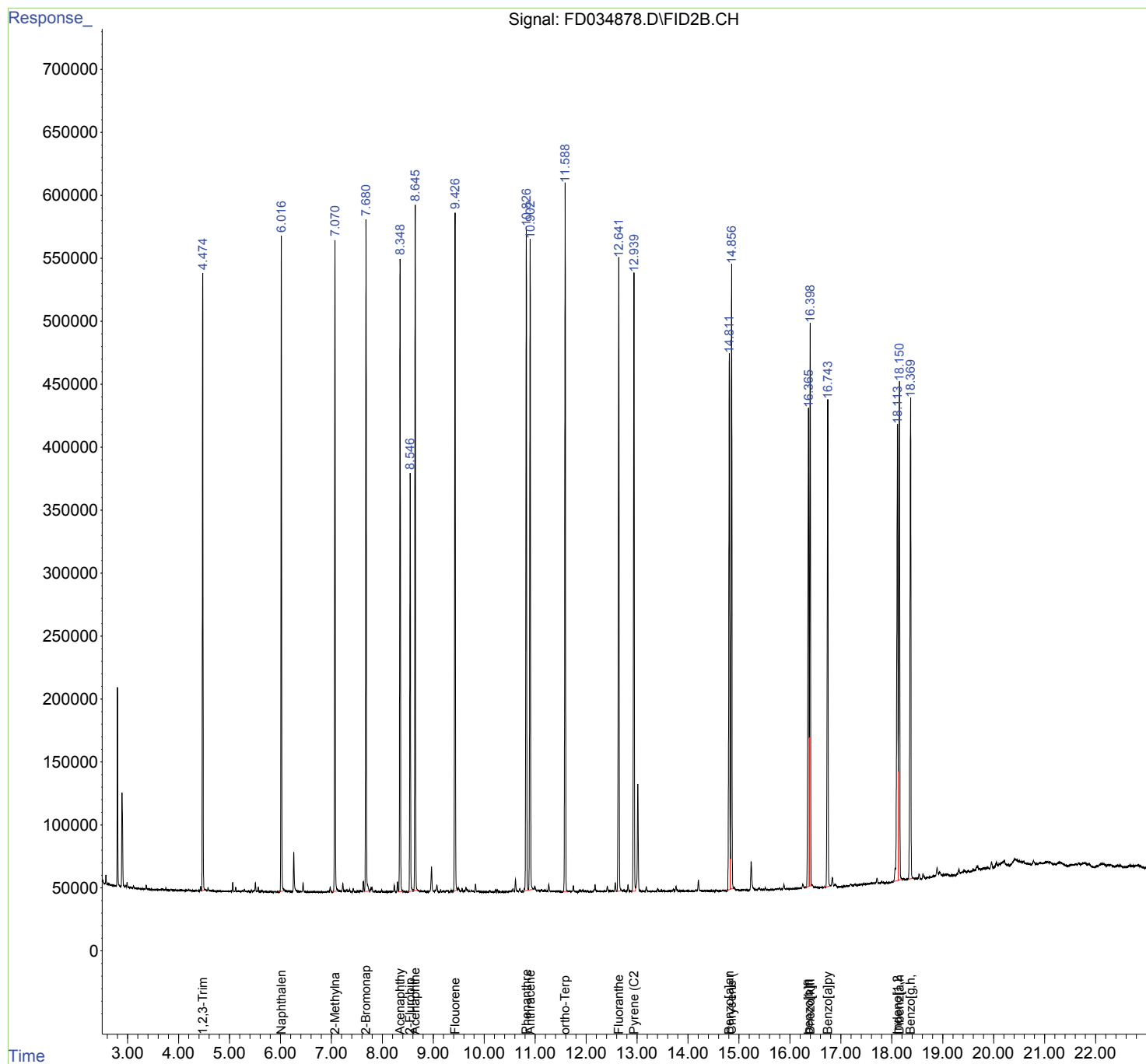
(f)=RT Delta > 1/2 Window

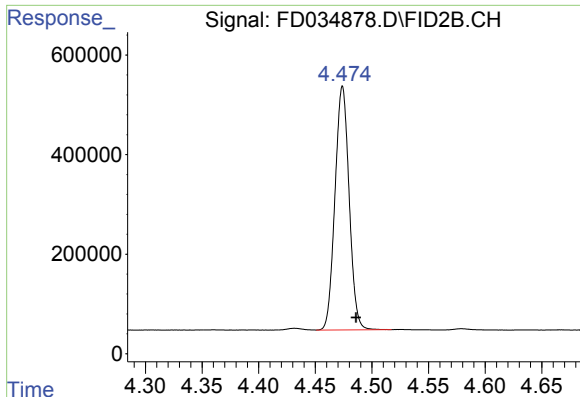
(m)=manual int.

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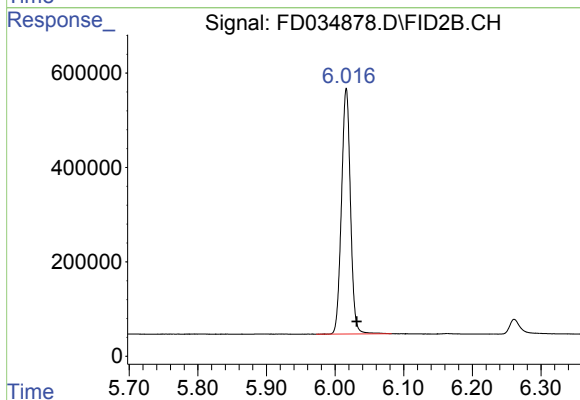
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Signal Info : 20M x 0.18mm x 0.18µm





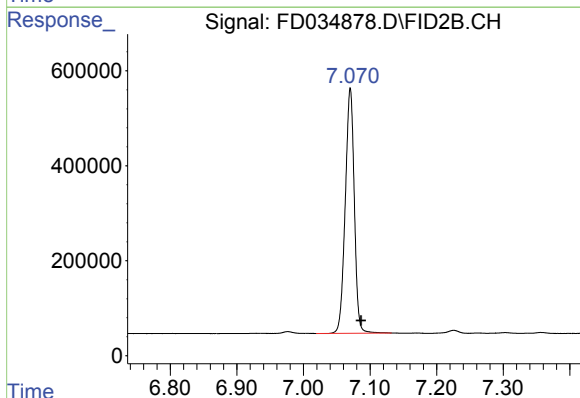
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.474 min
Delta R.T.: -0.012 min
Response: 4255265
Conc: 37.59 ug/ml



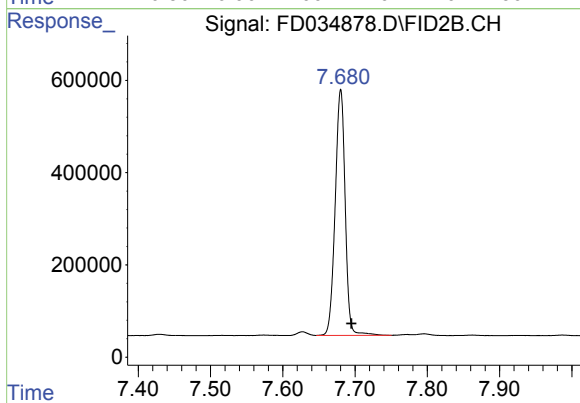
#2 Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.015 min
Response: 4717885
Conc: 40.42 ug/ml



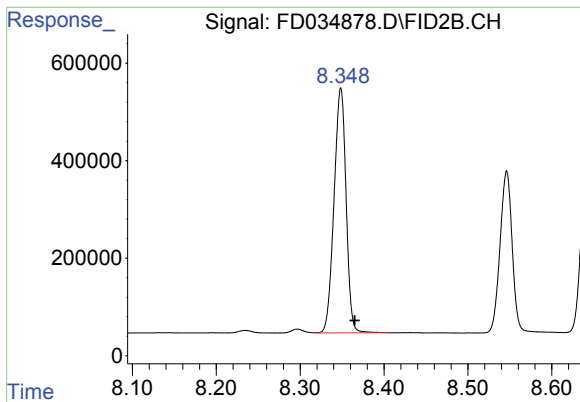
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.016 min
Response: 4863390
Conc: 41.18 ug/ml



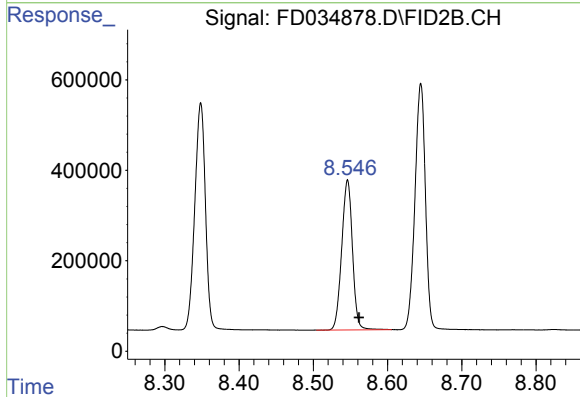
#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: -0.015 min
Response: 5116062
Conc: 49.88 ug/ml



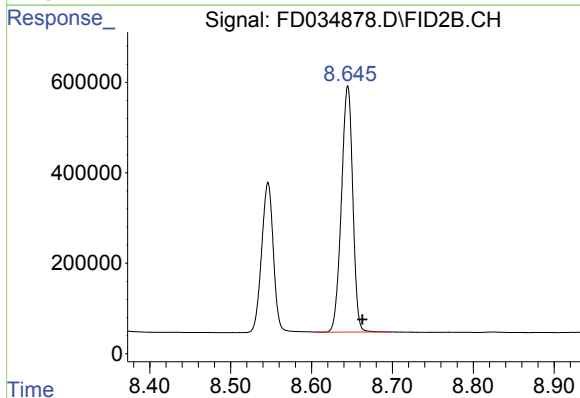
#5 Acenaphthylene (C15.06)

R.T.: 8.349 min
Delta R.T.: -0.017 min
Response: 5009203
Conc: 42.86 ug/ml



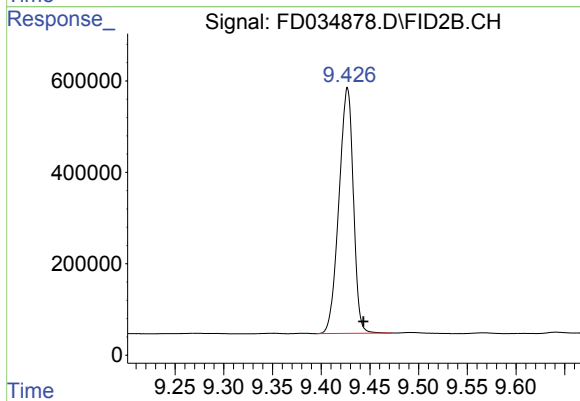
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.546 min
Delta R.T.: -0.016 min
Response: 3334922
Conc: 46.35 ug/ml



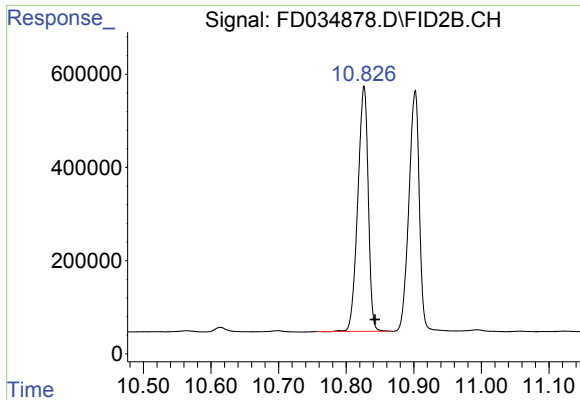
#7 Acenaphthene (C15.5)

R.T.: 8.645 min
Delta R.T.: -0.018 min
Response: 5312662
Conc: 44.65 ug/ml



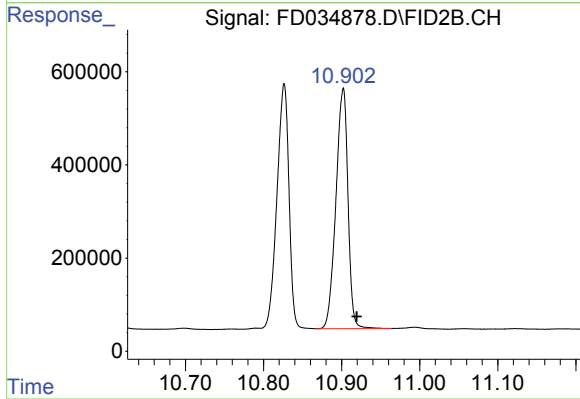
#8 Flouorene (C16.55)

R.T.: 9.427 min
Delta R.T.: -0.017 min
Response: 5543550
Conc: 48.08 ug/ml



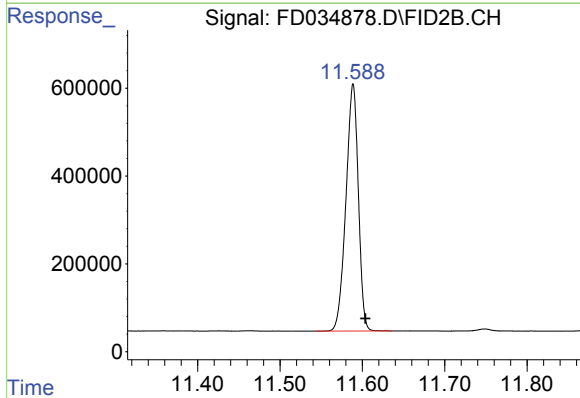
#9 Phenanthrene (C19.36)

R.T.: 10.826 min
Delta R.T.: -0.016 min
Response: 5645119
Conc: 48.42 ug/ml



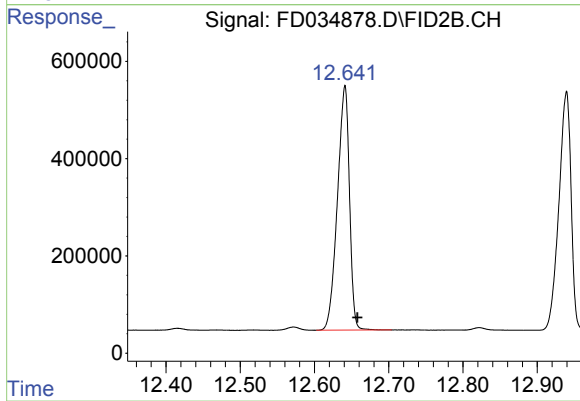
#10 Anthracene (C19.43)

R.T.: 10.902 min
Delta R.T.: -0.017 min
Response: 5540709
Conc: 48.64 ug/ml



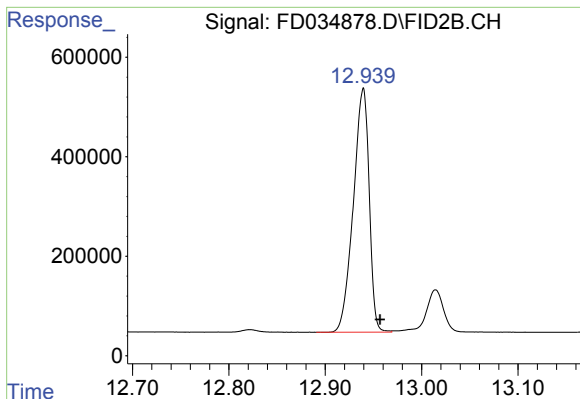
#11 ortho-Terphenyl (SURR)

R.T.: 11.589 min
Delta R.T.: -0.015 min
Response: 5873976
Conc: 49.03 ug/ml



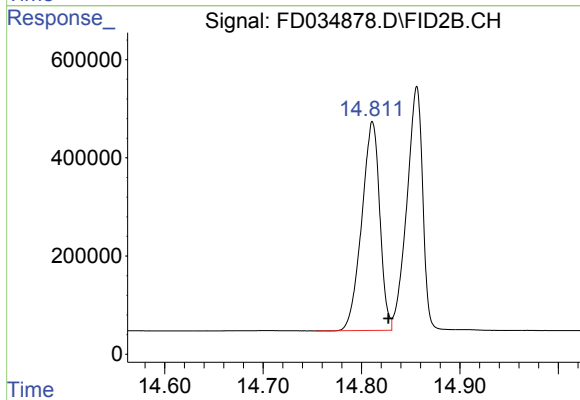
#12 Fluoranthene (C21.85)

R.T.: 12.641 min
Delta R.T.: -0.017 min
Response: 5663826
Conc: 48.57 ug/ml



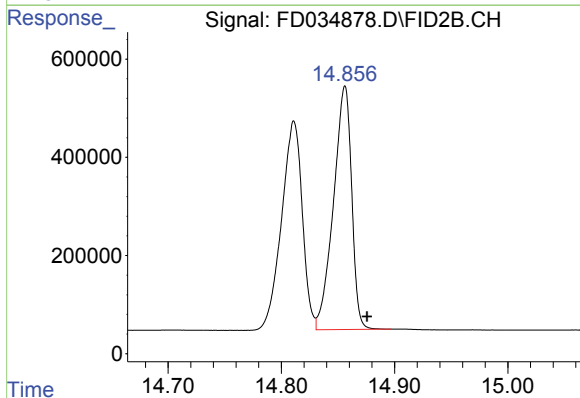
#13 Pyrene (C20.8)

R.T.: 12.939 min
Delta R.T.: -0.018 min
Response: 5597725
Conc: 49.33 ug/ml



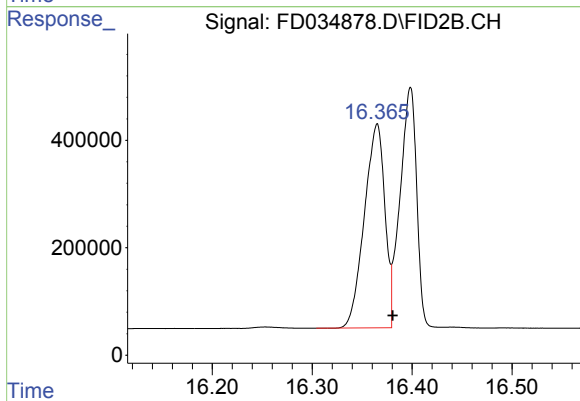
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.811 min
Delta R.T.: -0.016 min
Response: 5409274
Conc: 49.01 ug/ml



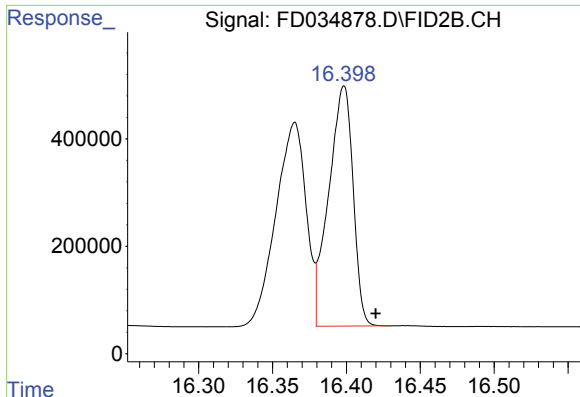
#15 Chrysene (C27.41)

R.T.: 14.856 min
Delta R.T.: -0.019 min
Response: 5532654
Conc: 49.53 ug/ml



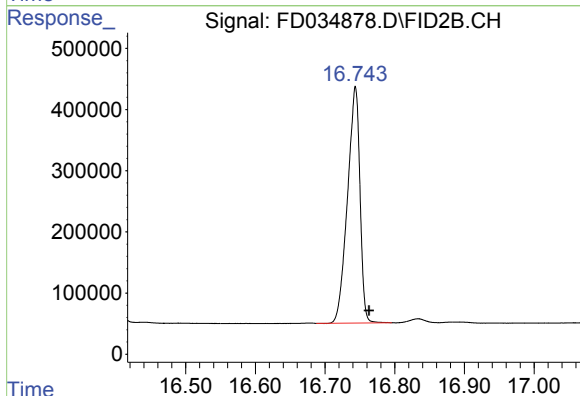
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.365 min
Delta R.T.: -0.016 min
Response: 5406730
Conc: 50.48 ug/ml



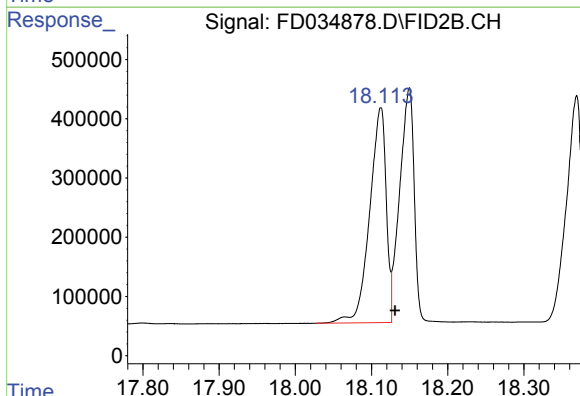
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.398 min
Delta R.T.: -0.022 min
Response: 5134791
Conc: 48.43 ug/ml



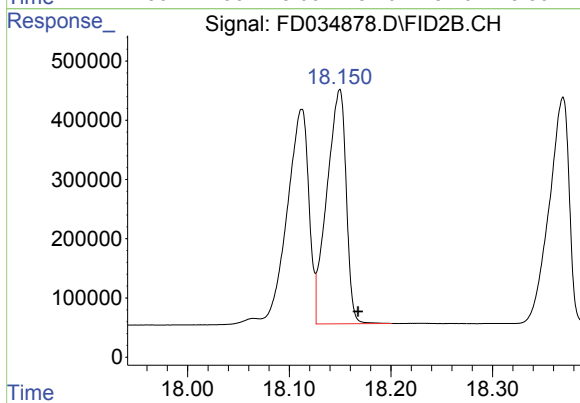
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.744 min
Delta R.T.: -0.020 min
Response: 4801627
Conc: 45.60 ug/ml



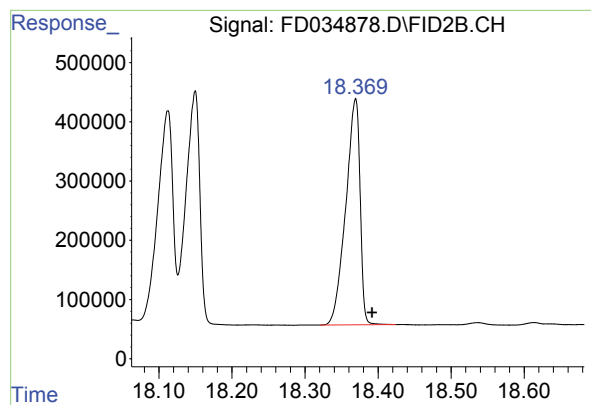
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.112 min
Delta R.T.: -0.019 min
Response: 5475195
Conc: 54.05 ug/ml



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

R.T.: 18.150 min
Delta R.T.: -0.018 min
Response: 5208363
Conc: 51.26 ug/ml



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

R.T.: 18.369 min
Delta R.T.: -0.023 min
Response: 5203460
Conc: 51.53 ug/ml