

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101218AR\
 Data File : FD025976.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2018 11:45
 Operator : AJ\SJ
 Sample : AR SOIL IDOC 02
 Misc : FOR EGHOSA
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 02:03:04 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 2018
 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...	7.423	3609493	46.236 ug/ml
Spiked Amount 50.000		Recovery =	92.47%
6) S 2-Fluorobiphenyl (SURR)	8.276	2615801	47.473 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.95%
11) S ortho-Terphenyl (SURR)	11.321	4154309	48.299 ug/ml
Spiked Amount 50.000		Recovery =	96.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	3850995	45.465 ug/ml
2) T Naphthalene (C11.7)	5.757	4174281	45.576 ug/ml
3) T 2-Methylnaphthalene (...)	6.810	4116883	46.110 ug/ml
5) T Acenaphthylene (C15.06)	8.081	4073656	46.810 ug/ml
7) T Acenaphthene (C15.5)	8.376	4266789	46.955 ug/ml
8) T Flouorene (C16.55)	9.155	4307811	47.943 ug/ml
9) T Phenanthrene (C19.36)	10.547	4548573	48.845 ug/ml
10) T Anthracene (C19.43)	10.621	4337977	47.375 ug/ml
12) T Fluoranthene (C21.85)	12.354	4748638	48.450 ug/ml
13) T Pyrene (C20.8)	12.649	4802379	48.226 ug/ml
14) T Benzo[a]anthracene (C...	14.519	4676341	48.382 ug/ml
15) T Chrysene (C27.41)	14.563	4741438	48.755 ug/ml
16) T benzo[b]fluoranthene ...	16.068	4870880	49.577 ug/ml
17) T Bnezo[k]fluoranthene ...	16.102	4831436	49.555 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	4806345	49.203 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.808	4434927	46.781 ug/ml
20) T Dibenz[a,h]anthracene...	17.847	4393424	47.448 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	4568807	47.489 ug/ml

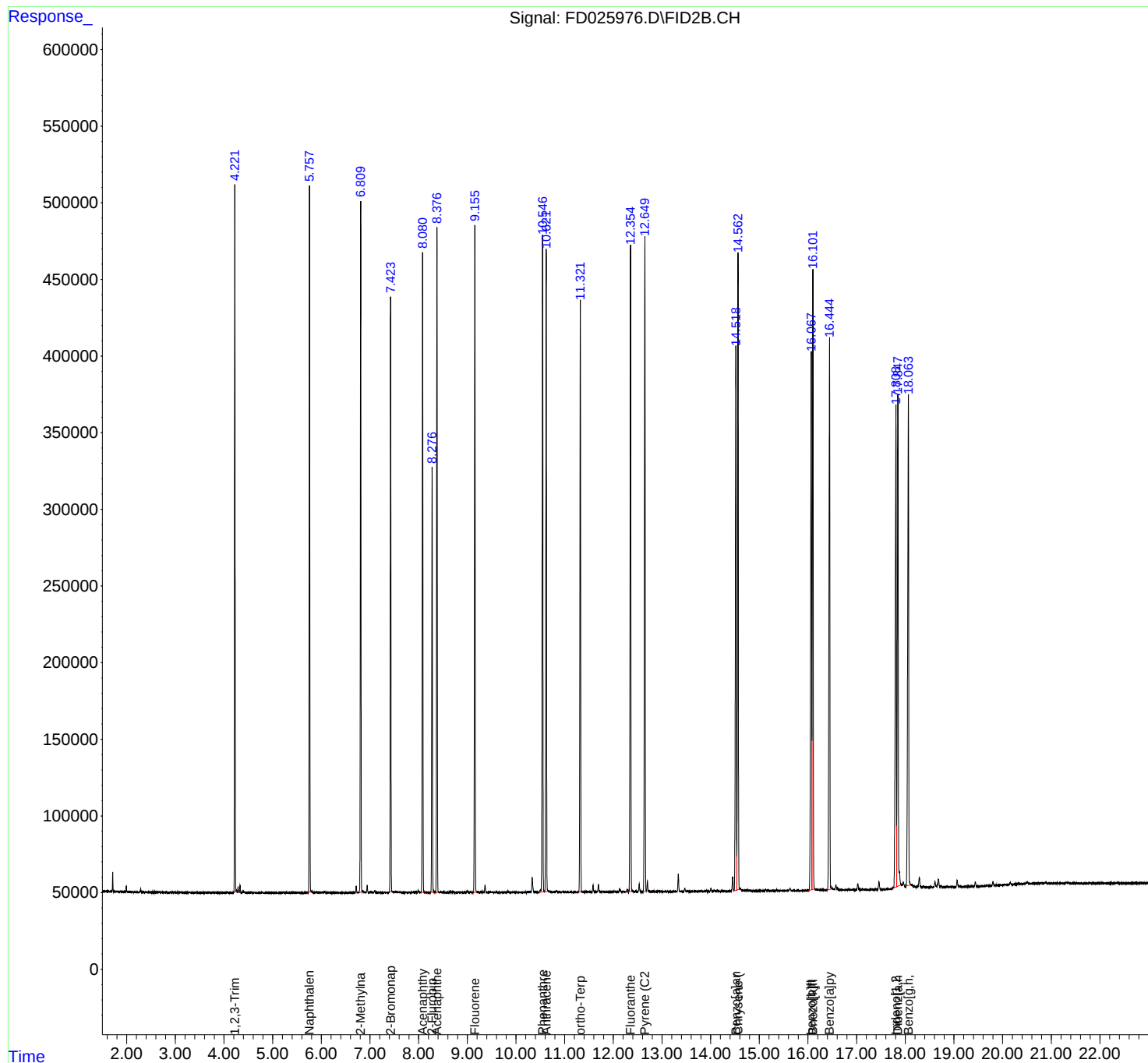
(f)=RT Delta > 1/2 Window

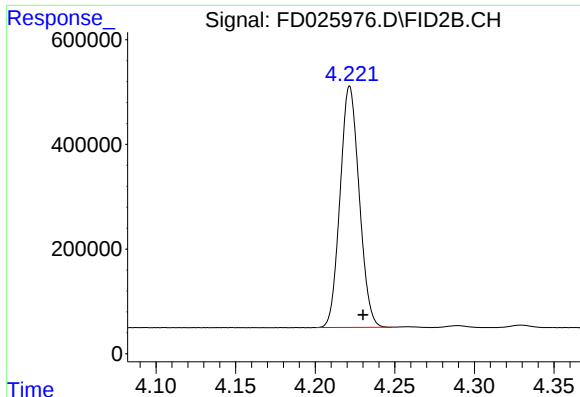
(m)=manual int.

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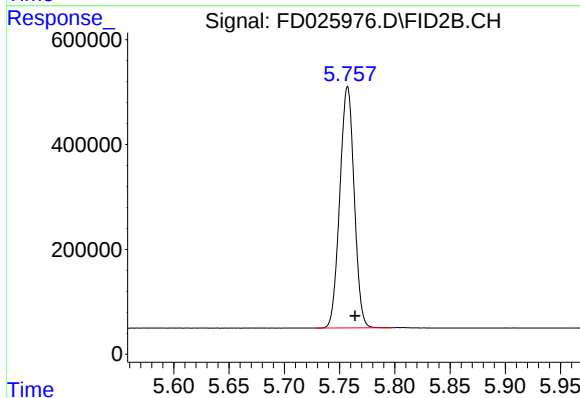
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Signal Info : 20M x 0.18mm x 0.18µm





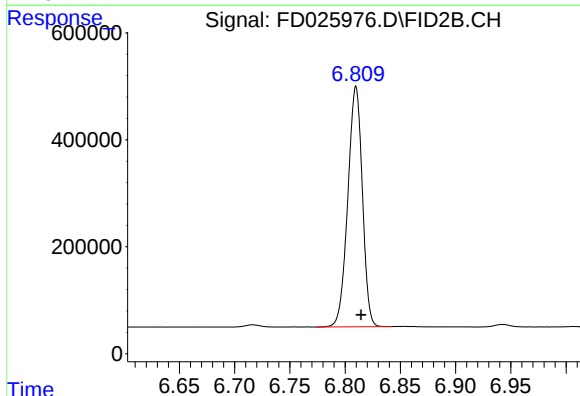
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.222 min
Delta R.T.: -0.008 min
Response: 3850995
Conc: 45.46 ug/ml



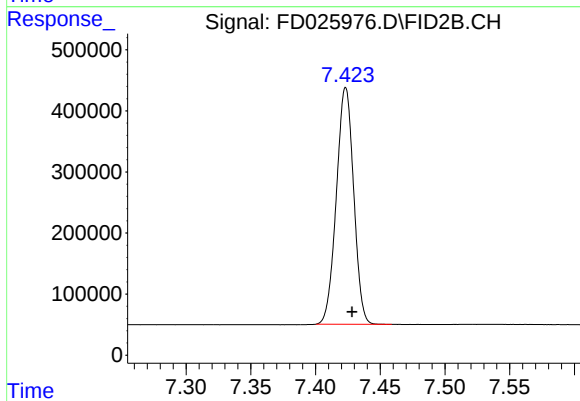
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.007 min
Response: 4174281
Conc: 45.58 ug/ml



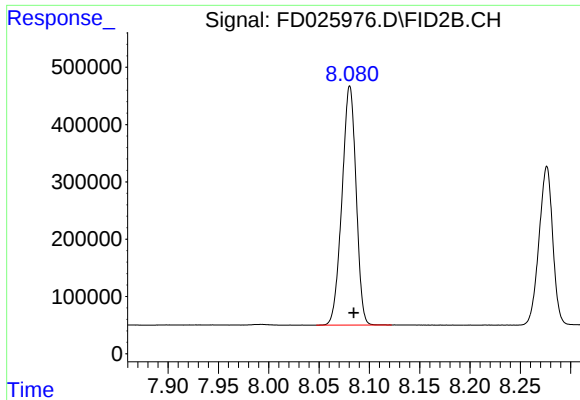
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.810 min
Delta R.T.: -0.005 min
Response: 4116883
Conc: 46.11 ug/ml



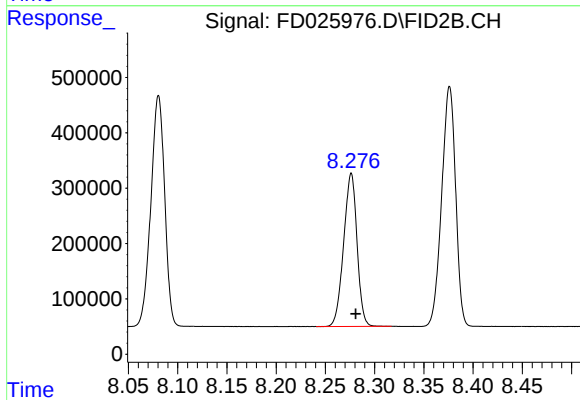
#4 2-Bromonaphthalene (SURR)

R.T.: 7.423 min
Delta R.T.: -0.005 min
Response: 3609493
Conc: 46.24 ug/ml



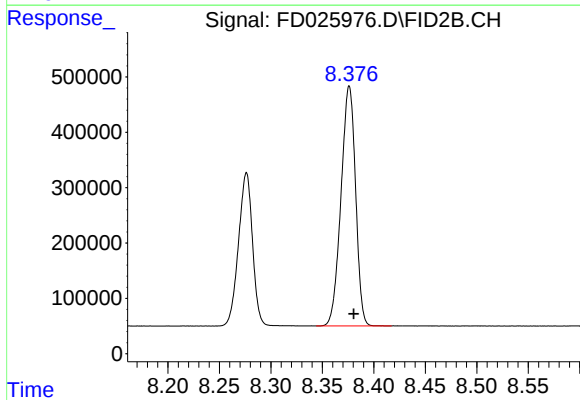
#5 Acenaphthylene (C15.06)

R.T.: 8.081 min
Delta R.T.: -0.004 min
Response: 4073656
Conc: 46.81 ug/ml



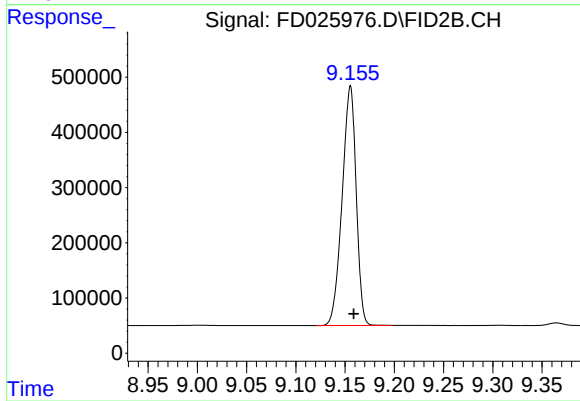
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.276 min
Delta R.T.: -0.005 min
Response: 2615801
Conc: 47.47 ug/ml



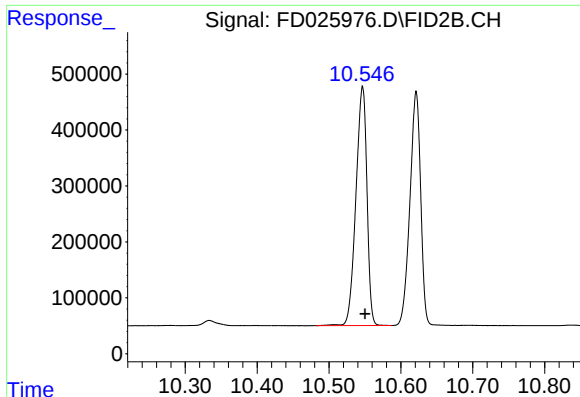
#7 Acenaphthene (C15.5)

R.T.: 8.376 min
Delta R.T.: -0.004 min
Response: 4266789
Conc: 46.96 ug/ml



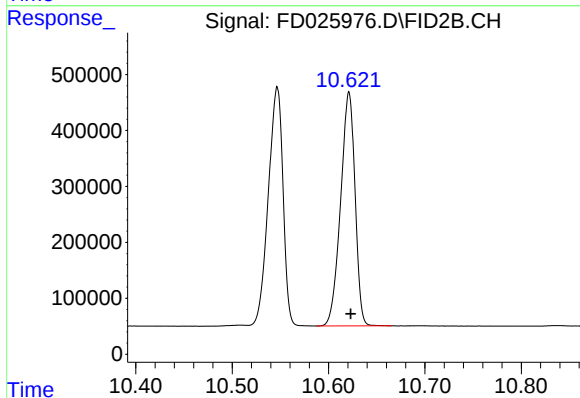
#8 Fluorene (C16.55)

R.T.: 9.155 min
Delta R.T.: -0.003 min
Response: 4307811
Conc: 47.94 ug/ml



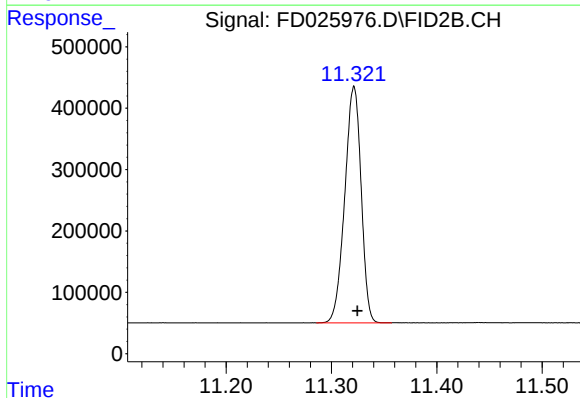
#9 Phenanthrene (C19.36)

R.T.: 10.547 min
Delta R.T.: -0.003 min
Response: 4548573
Conc: 48.85 ug/ml



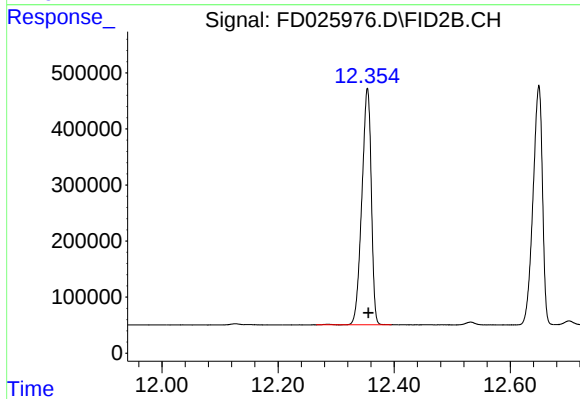
#10 Anthracene (C19.43)

R.T.: 10.621 min
Delta R.T.: -0.002 min
Response: 4337977
Conc: 47.37 ug/ml



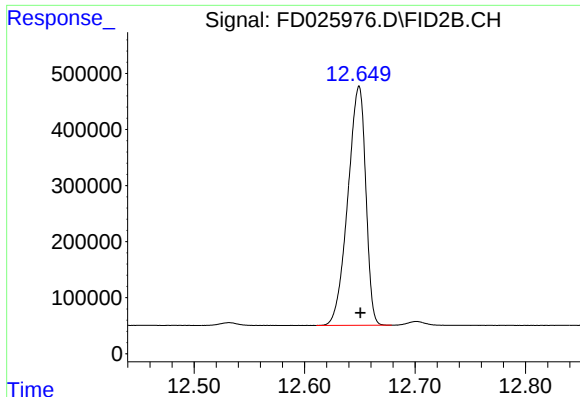
#11 ortho-Terphenyl (SURR)

R.T.: 11.321 min
Delta R.T.: -0.003 min
Response: 4154309
Conc: 48.30 ug/ml



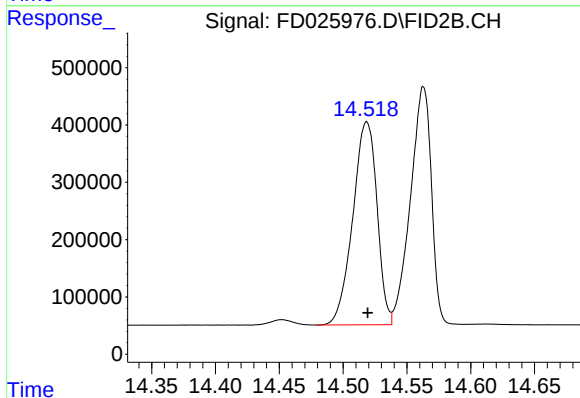
#12 Fluoranthene (C21.85)

R.T.: 12.354 min
Delta R.T.: -0.001 min
Response: 4748638
Conc: 48.45 ug/ml



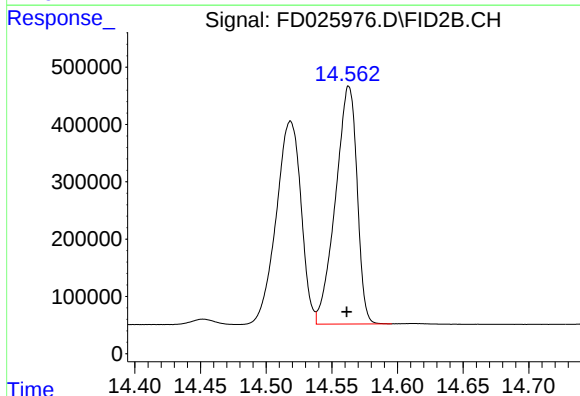
#13 Pyrene (C20.8)

R.T.: 12.649 min
Delta R.T.: -0.001 min
Response: 4802379
Conc: 48.23 ug/ml



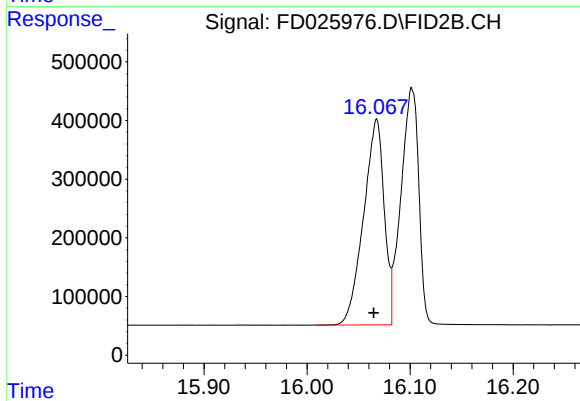
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.519 min
Delta R.T.: 0.000 min
Response: 4676341
Conc: 48.38 ug/ml



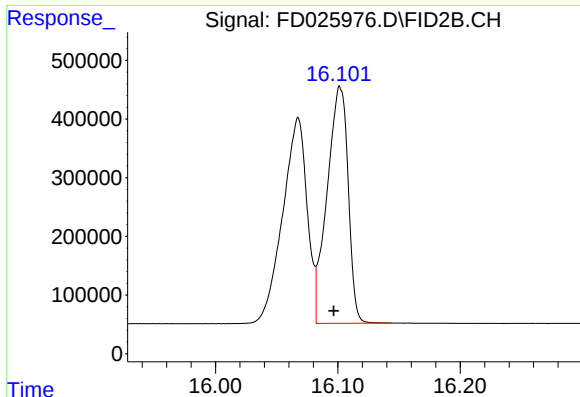
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: 0.002 min
Response: 4741438
Conc: 48.75 ug/ml



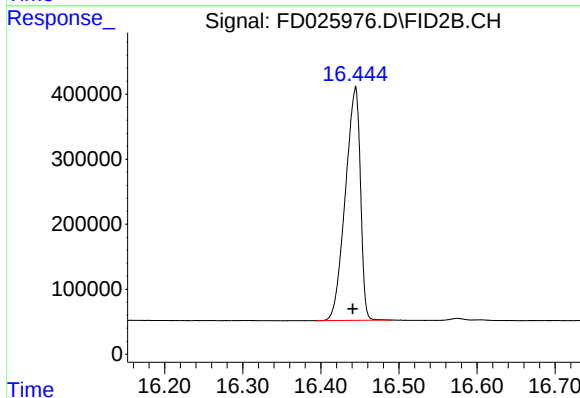
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.068 min
Delta R.T.: 0.003 min
Response: 4870880
Conc: 49.58 ug/ml



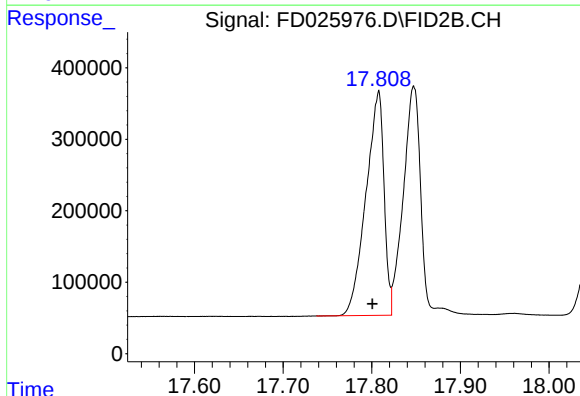
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.102 min
Delta R.T.: 0.005 min
Response: 4831436
Conc: 49.56 ug/ml



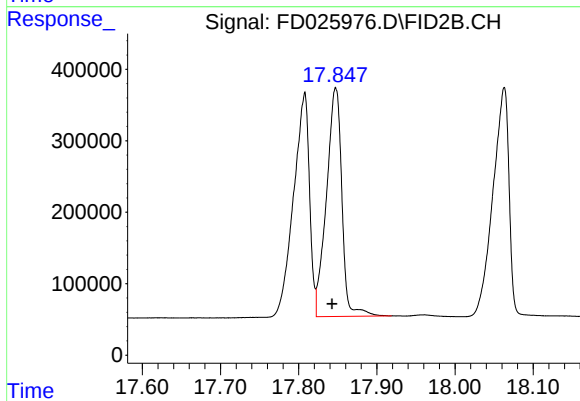
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: 0.004 min
Response: 4806345
Conc: 49.20 ug/ml



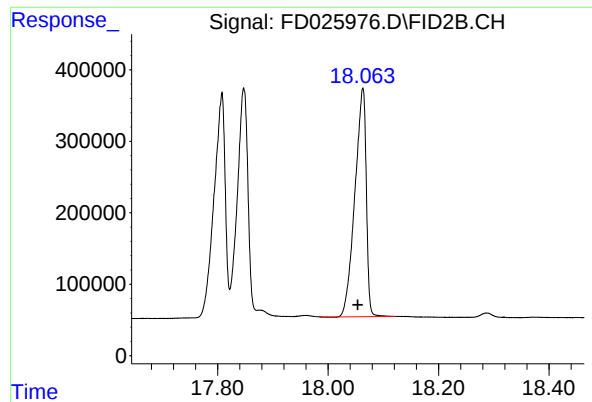
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min
Delta R.T.: 0.007 min
Response: 4434927
Conc: 46.78 ug/ml



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

R.T.: 17.847 min
Delta R.T.: 0.005 min
Response: 4393424
Conc: 47.45 ug/ml



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

R.T.: 18.063 min
Delta R.T.: 0.009 min
Response: 4568807
Conc: 47.49 ug/ml