

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090319AR\
 Data File : FD030479.D
 Signal(s) : FID2B.CH
 Acq On : 04 Sep 2019 7:17
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 11:31:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:30:16 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...	7.615	7961694	48.092 ug/ml
Spiked Amount 50.000		Recovery =	96.18%
6) S 2-Fluorobiphenyl (SURR)	8.478	5418462	48.183 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.37%
11) S ortho-Terphenyl (SURR)	11.511	8343466	47.782 ug/ml
Spiked Amount 50.000		Recovery =	95.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.420	8767904	48.063 ug/ml
2) T Naphthalene (C11.7)	5.957	9171776	48.283 ug/ml
3) T 2-Methylnaphthalene (...)	7.008	8996063	48.106 ug/ml
5) T Acenaphthylene (C15.06)	8.282	8501433	47.757 ug/ml
7) T Acenaphthene (C15.5)	8.578	8861095	47.918 ug/ml
8) T Flouorene (C16.55)	9.357	8729559	47.914 ug/ml
9) T Phenanthrene (C19.36)	10.751	8633778	47.770 ug/ml
10) T Anthracene (C19.43)	10.827	8398556	47.834 ug/ml
12) T Fluoranthene (C21.85)	12.559	8521077	47.848 ug/ml
13) T Pyrene (C20.8)	12.856	8468830	48.035 ug/ml
14) T Benzo[a]anthracene (C...	14.722	7912010	47.840 ug/ml
15) T Chrysene (C27.41)	14.768	7921906	47.588 ug/ml
16) T benzo[b]fluoranthene ...	16.270	7575605	47.744 ug/ml
17) T Bnezo[k]fluoranthene ...	16.307	7522847	47.483 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.649	7368416	47.444 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.012	6996741	48.769 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	6680967	46.552 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	6766820	47.769 ug/ml

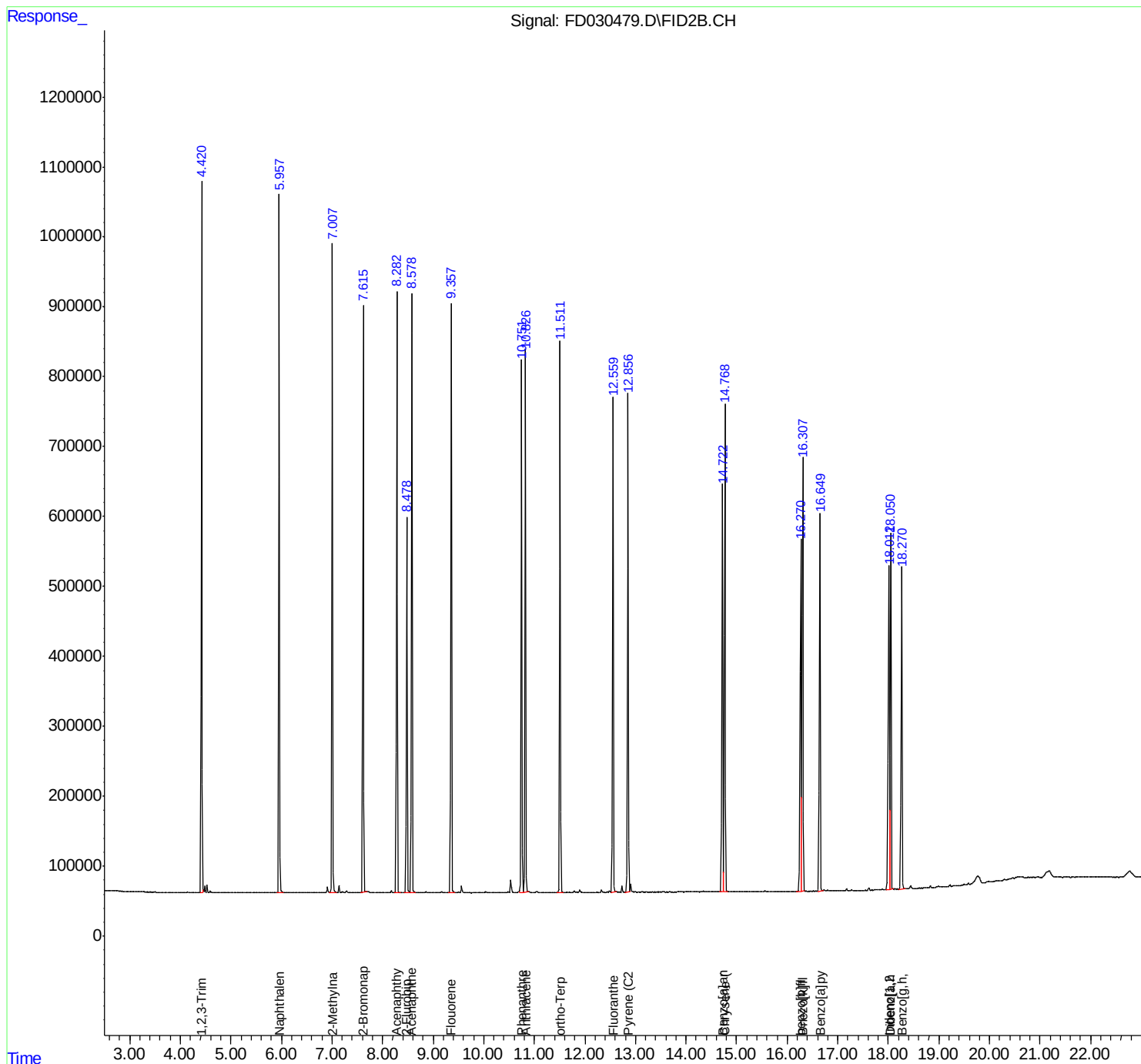
(f)=RT Delta > 1/2 Window

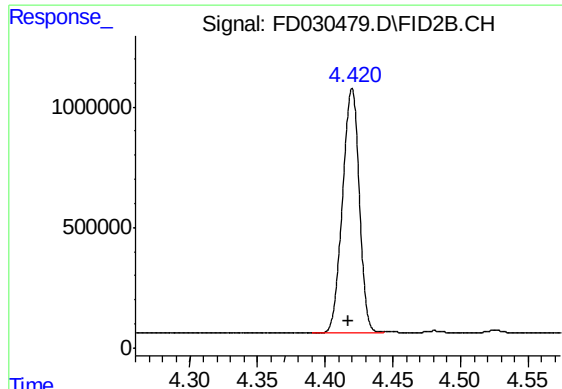
(m)=manual int.

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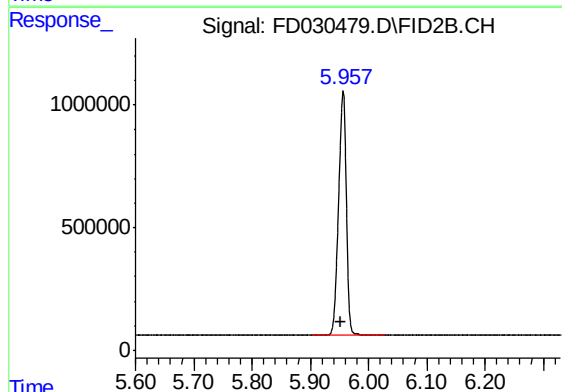
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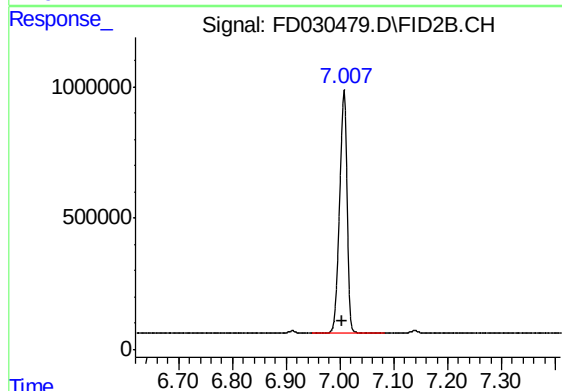
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.420 min
Delta R.T.: 0.003 min
Response: 8767904
Conc: 48.06 ug/ml



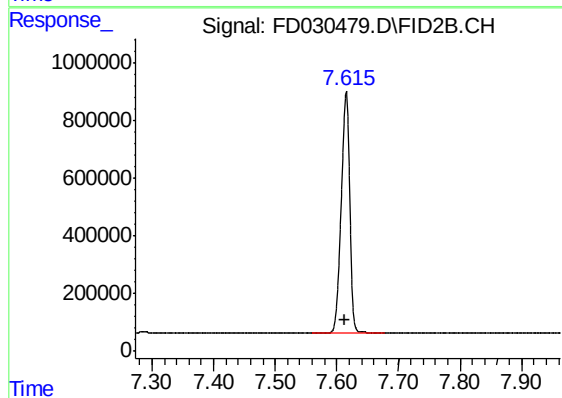
#2 Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: 0.004 min
Response: 9171776
Conc: 48.28 ug/ml



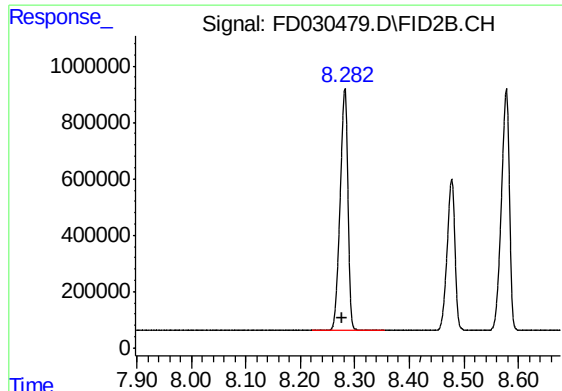
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: 0.004 min
Response: 8996063
Conc: 48.11 ug/ml



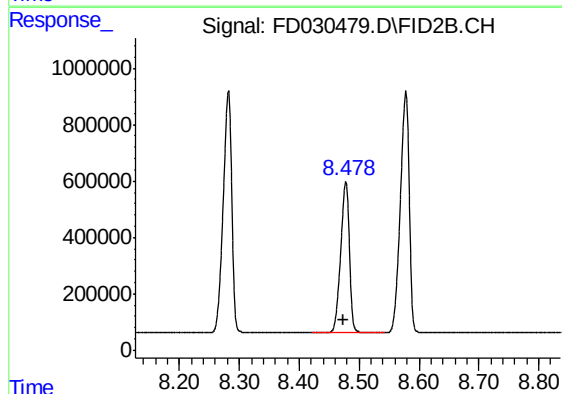
#4 2-Bromonaphthalene (SURR)

R.T.: 7.615 min
Delta R.T.: 0.003 min
Response: 7961694
Conc: 48.09 ug/ml



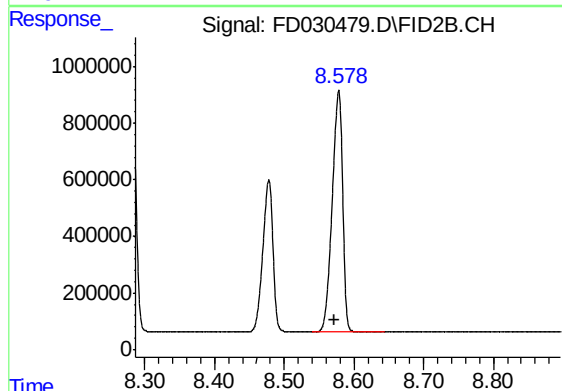
#5 Acenaphthylene (C15.06)

R.T.: 8.282 min
Delta R.T.: 0.005 min
Response: 8501433
Conc: 47.76 ug/ml



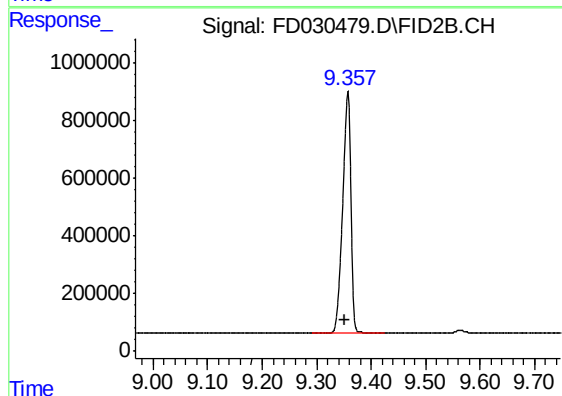
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.478 min
Delta R.T.: 0.005 min
Response: 5418462
Conc: 48.18 ug/ml



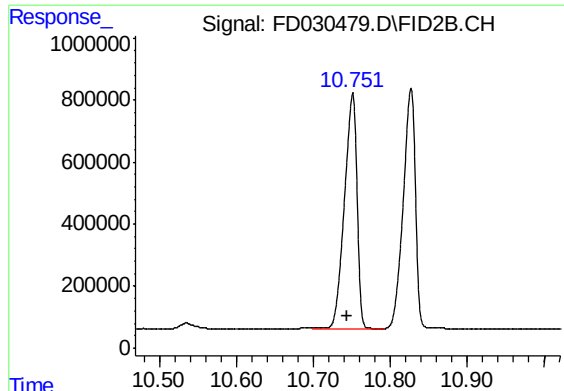
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: 0.006 min
Response: 8861095
Conc: 47.92 ug/ml



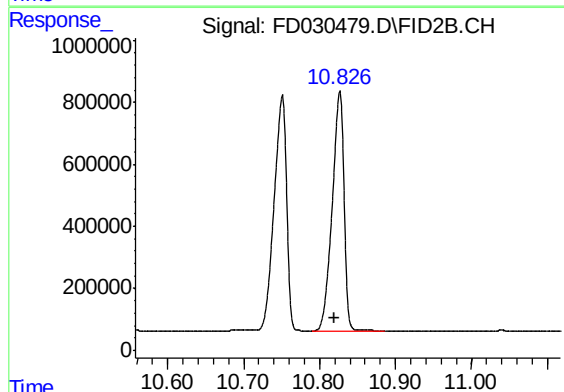
#8 Flouorene (C16.55)

R.T.: 9.357 min
Delta R.T.: 0.006 min
Response: 8729559
Conc: 47.91 ug/ml



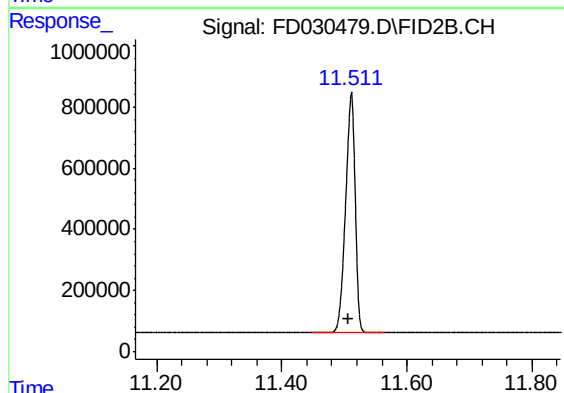
#9 Phenanthrene (C19.36)

R.T.: 10.751 min
Delta R.T.: 0.007 min
Response: 8633778
Conc: 47.77 ug/ml



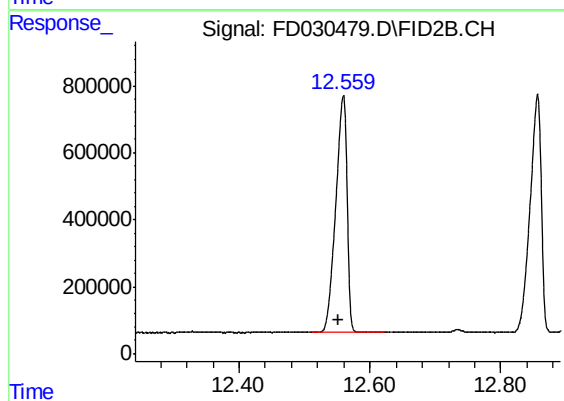
#10 Anthracene (C19.43)

R.T.: 10.827 min
Delta R.T.: 0.008 min
Response: 8398556
Conc: 47.83 ug/ml



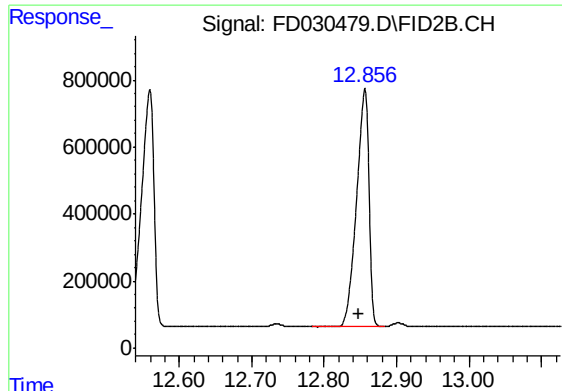
#11 ortho-Terphenyl (SURR)

R.T.: 11.511 min
Delta R.T.: 0.005 min
Response: 8343466
Conc: 47.78 ug/ml



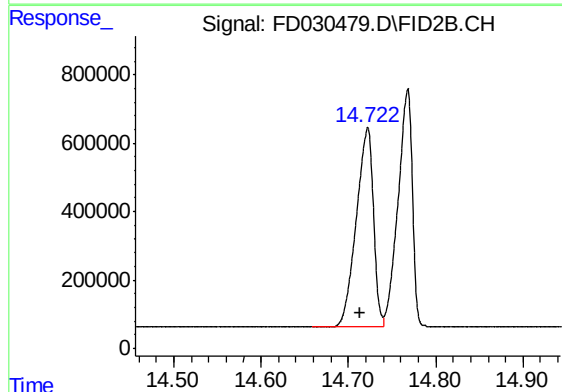
#12 Fluoranthene (C21.85)

R.T.: 12.559 min
Delta R.T.: 0.008 min
Response: 8521077
Conc: 47.85 ug/ml



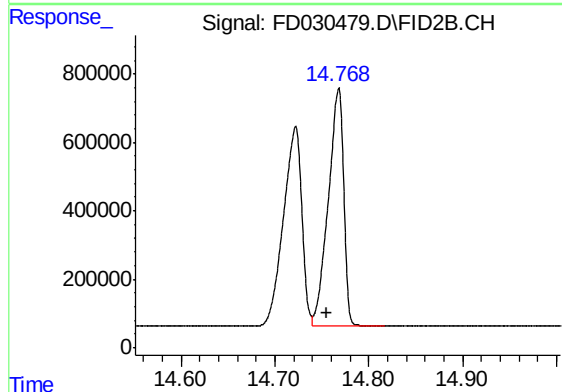
#13 Pyrene (C20.8)

R.T.: 12.856 min
Delta R.T.: 0.009 min
Response: 8468830
Conc: 48.04 ug/ml



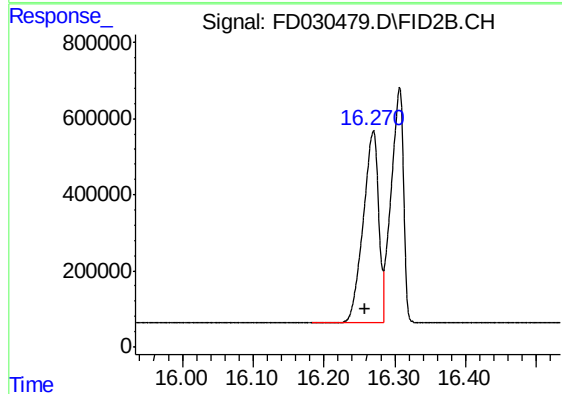
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.722 min
Delta R.T.: 0.009 min
Response: 7912010
Conc: 47.84 ug/ml



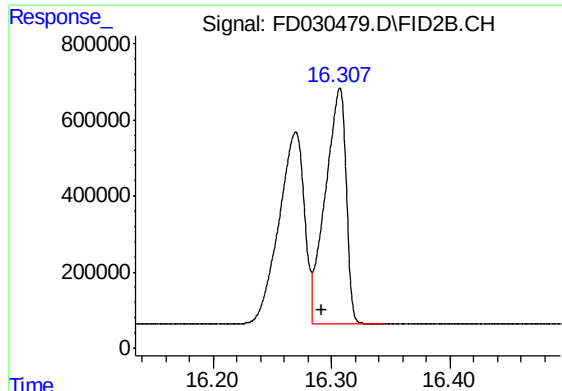
#15 Chrysene (C27.41)

R.T.: 14.768 min
Delta R.T.: 0.012 min
Response: 7921906
Conc: 47.59 ug/ml



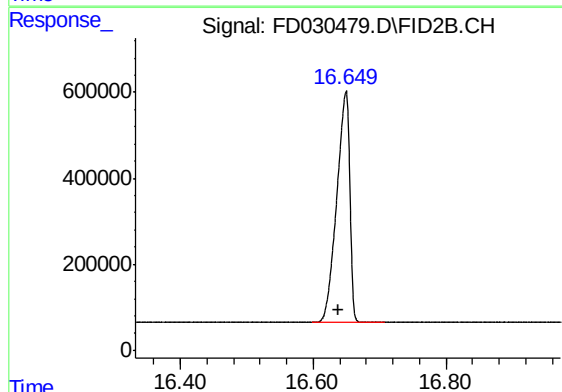
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.270 min
Delta R.T.: 0.011 min
Response: 7575605
Conc: 47.74 ug/ml



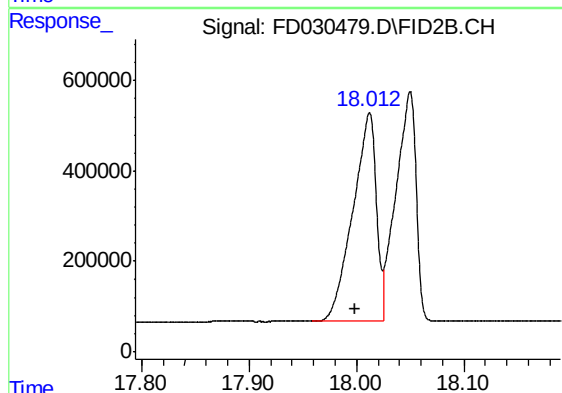
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.307 min
Delta R.T.: 0.015 min
Response: 7522847
Conc: 47.48 ug/ml



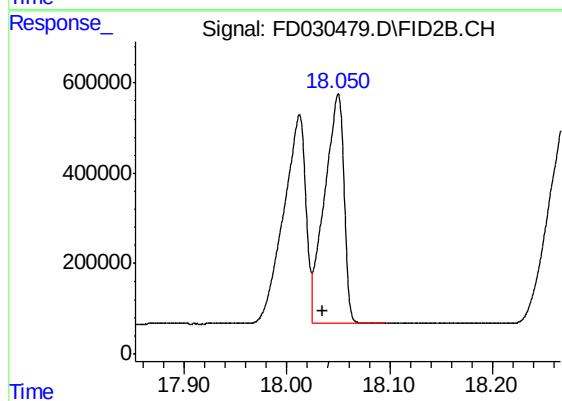
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.649 min
Delta R.T.: 0.012 min
Response: 7368416
Conc: 47.44 ug/ml



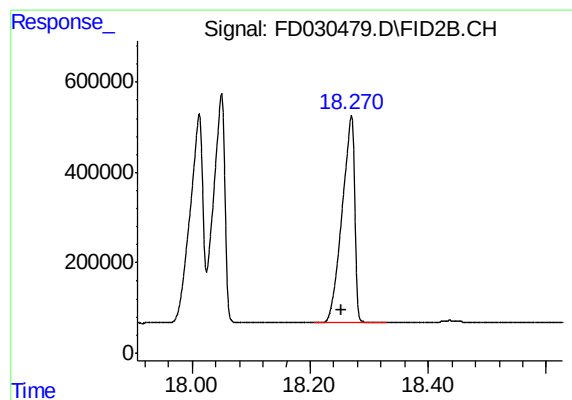
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.012 min
Delta R.T.: 0.014 min
Response: 6996741
Conc: 48.77 ug/ml



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

R.T.: 18.050 min
Delta R.T.: 0.015 min
Response: 6680967
Conc: 46.55 ug/ml



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

R.T.: 18.270 min
Delta R.T.: 0.016 min
Response: 6766820
Conc: 47.77 ug/ml