

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100120AR\
 Data File : FD034909.D
 Signal(s) : FID2B.CH
 Acq On : 02 Oct 2020 2:31
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 10:22:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:20:39 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...	7.683	12256236	100.819 ug/ml
Spiked Amount 50.000		Recovery =	201.64%
6) S 2-Fluorobiphenyl (SURR)	8.550	8654835	100.938 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	201.88%#
11) S ortho-Terphenyl (SURR)	11.592	13845346	98.173 ug/ml
Spiked Amount 50.000		Recovery =	196.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.475	13353973	99.330 ug/ml
2) T Naphthalene (C11.7)	6.020	14351272	101.223 ug/ml
3) T 2-Methylnaphthalene (...)	7.075	14401573	100.777 ug/ml
5) T Acenaphthylene (C15.06)	8.354	13837716	98.833 ug/ml
7) T Acenaphthene (C15.5)	8.651	14234898	99.357 ug/ml
8) T Fluorene (C16.55)	9.433	13916819	99.419 ug/ml
9) T Phenanthrene (C19.36)	10.832	13778165	99.440 ug/ml
10) T Anthracene (C19.43)	10.909	13707567	98.651 ug/ml
12) T Fluoranthene (C21.85)	12.647	13320800	97.832 ug/ml
13) T Pyrene (C20.8)	12.946	13053338	99.127 ug/ml
14) T Benzo[a]anthracene (C...	14.816	11705230	98.379 ug/ml
15) T Chrysene (C27.41)	14.864	11948433	95.361 ug/ml
16) T benzo[b]fluoranthene ...	16.370	10998689	98.684 ug/ml
17) T Bnezo[k]fluoranthene ...	16.409	10206389	91.730 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.751	9826910	96.276 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.119	10439111	109.712 ug/ml
20) T Dibenz[a,h]anthracene...	18.156	9231614	87.881 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.378	9947033	100.240 ug/ml

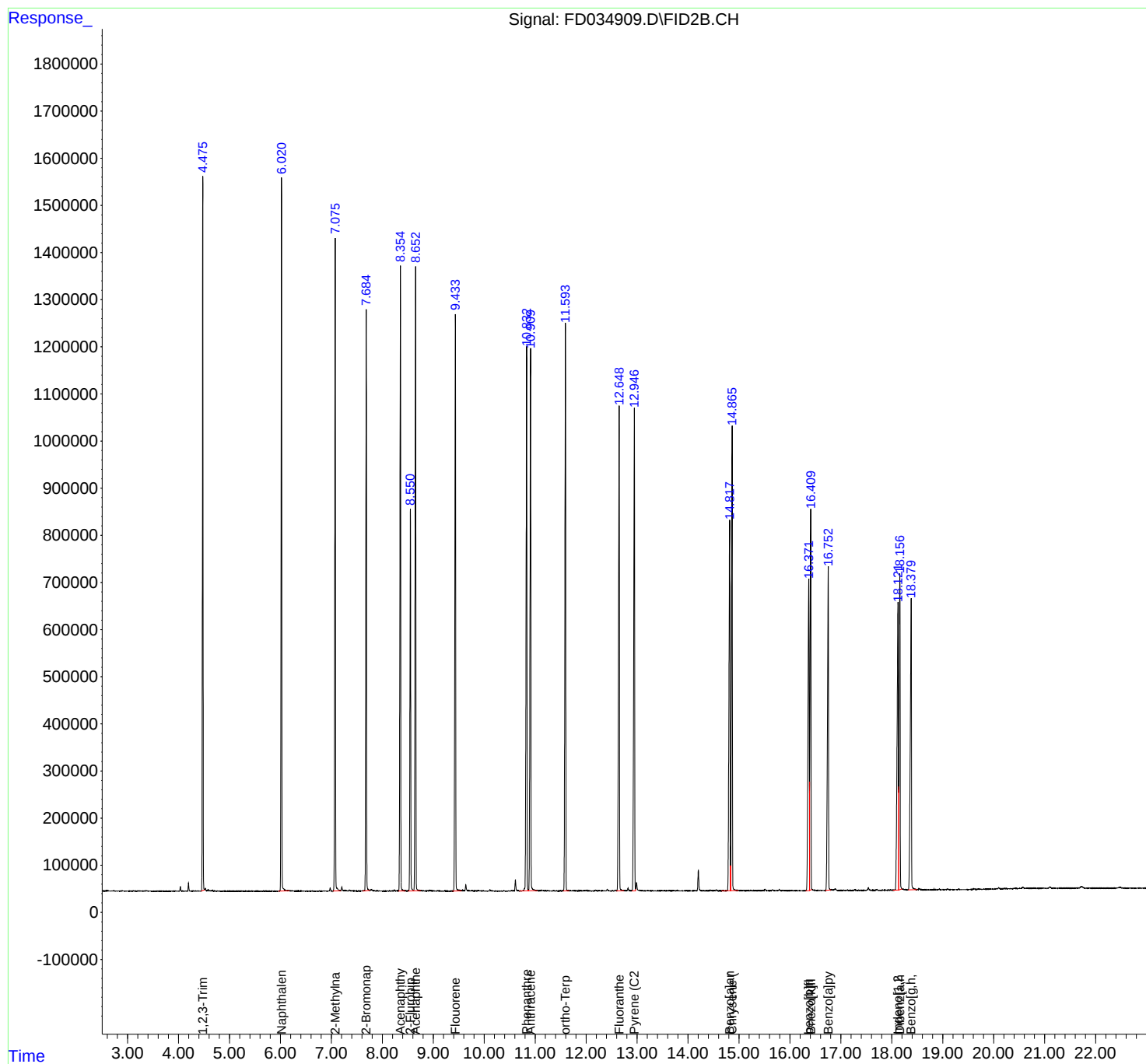
(f)=RT Delta > 1/2 Window

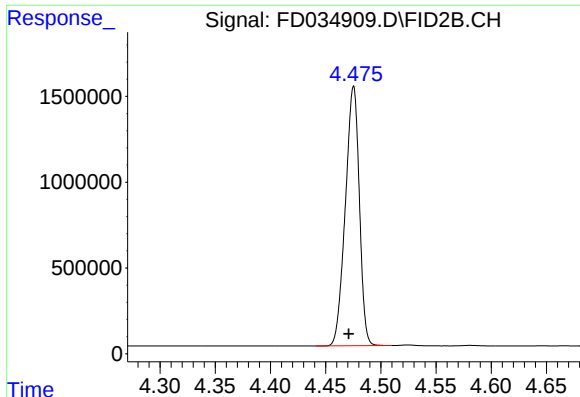
(m)=manual int.

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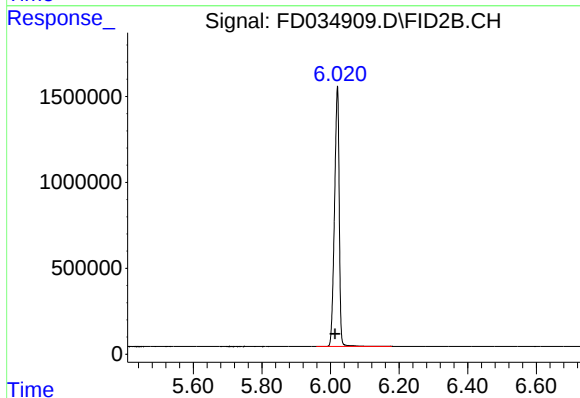
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Signal Info : 20M x 0.18mm x 0.18µm





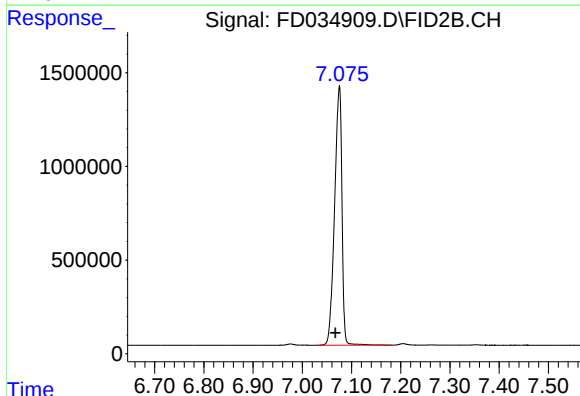
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.475 min
Delta R.T.: 0.004 min
Response: 13353973
Conc: 99.33 ug/ml



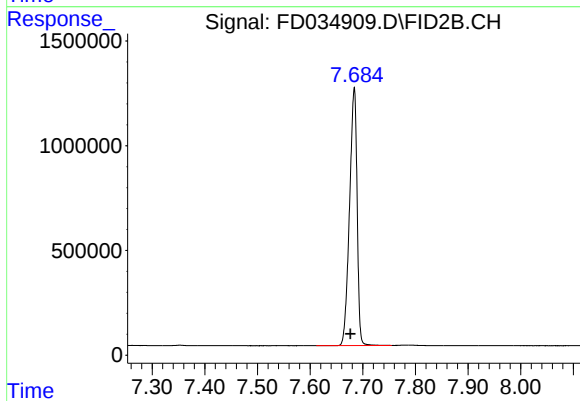
#2 Naphthalene (C11.7)

R.T.: 6.020 min
Delta R.T.: 0.006 min
Response: 14351272
Conc: 101.22 ug/ml



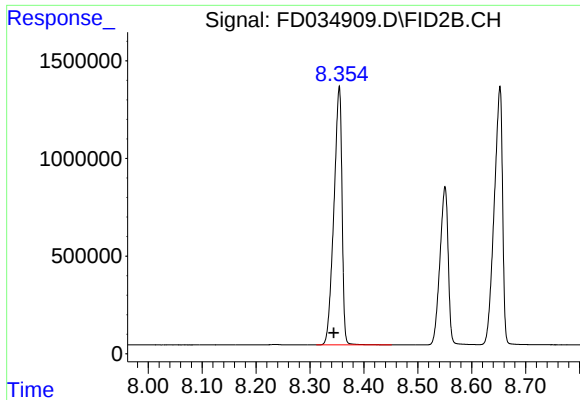
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: 0.007 min
Response: 14401573
Conc: 100.78 ug/ml



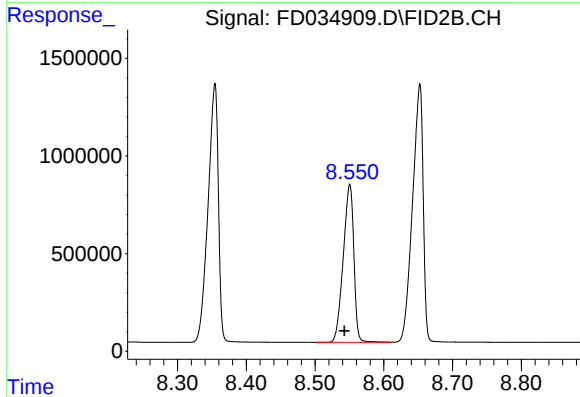
#4 2-Bromonaphthalene (SURR)

R.T.: 7.683 min
Delta R.T.: 0.006 min
Response: 12256236
Conc: 100.82 ug/ml



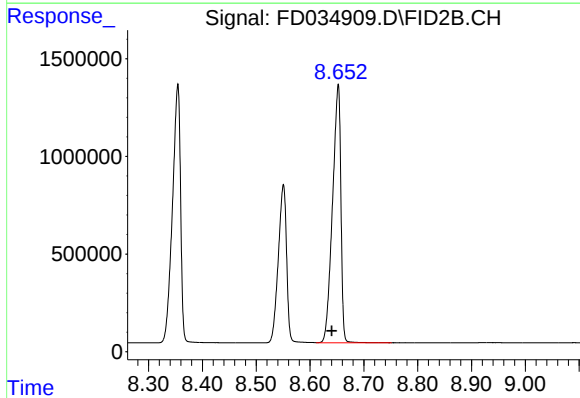
#5 Acenaphthylene (C15.06)

R.T.: 8.354 min
Delta R.T.: 0.009 min
Response: 13837716
Conc: 98.83 ug/ml



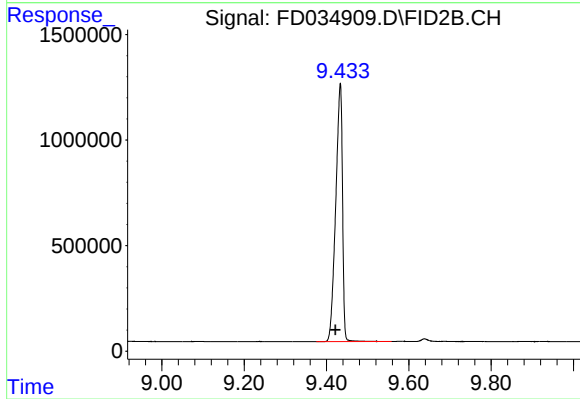
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.550 min
Delta R.T.: 0.008 min
Response: 8654835
Conc: 100.94 ug/ml



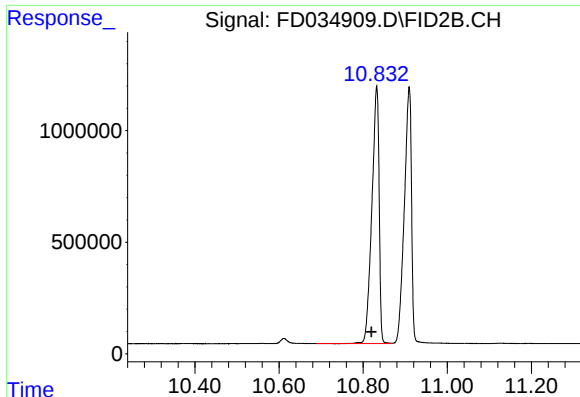
#7 Acenaphthene (C15.5)

R.T.: 8.651 min
Delta R.T.: 0.011 min
Response: 14234898
Conc: 99.36 ug/ml



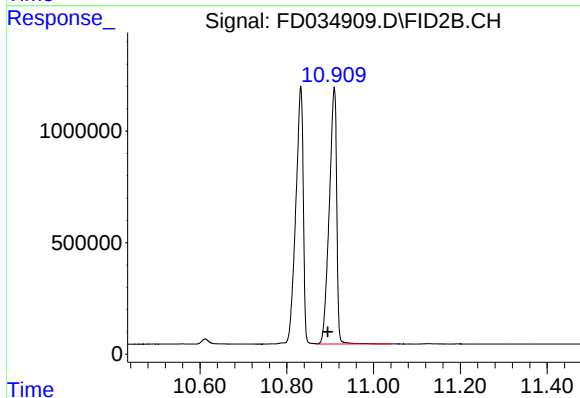
#8 Flouorene (C16.55)

R.T.: 9.433 min
Delta R.T.: 0.011 min
Response: 13916819
Conc: 99.42 ug/ml



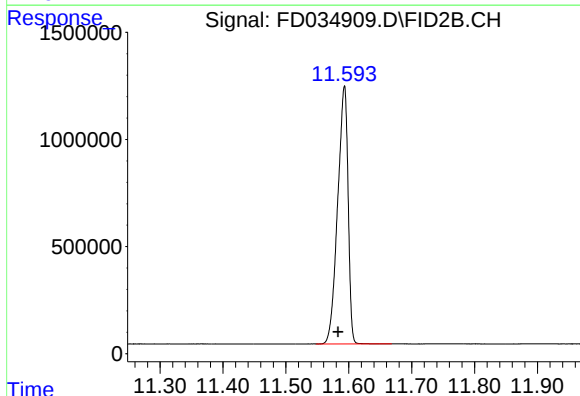
#9 Phenanthrene (C19.36)

R.T.: 10.832 min
Delta R.T.: 0.012 min
Response: 13778165
Conc: 99.44 ug/ml



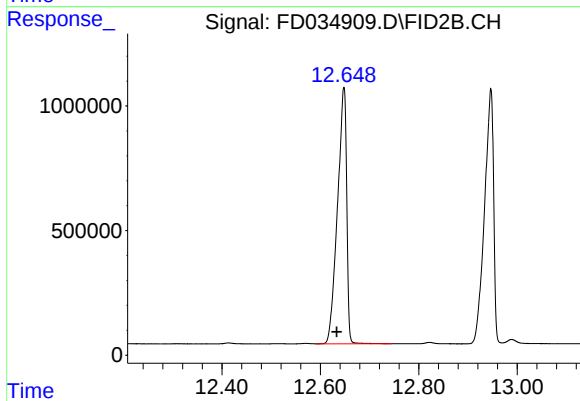
#10 Anthracene (C19.43)

R.T.: 10.909 min
Delta R.T.: 0.014 min
Response: 13707567
Conc: 98.65 ug/ml



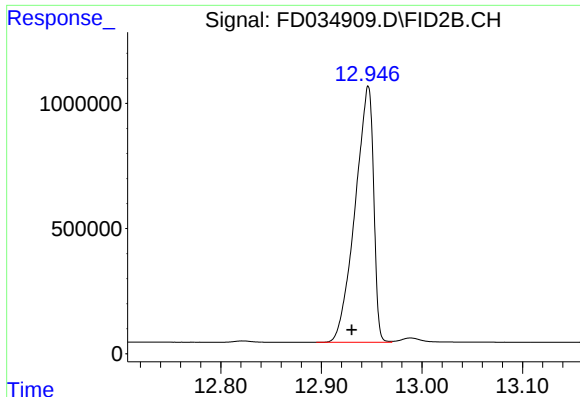
#11 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: 0.009 min
Response: 13845346
Conc: 98.17 ug/ml



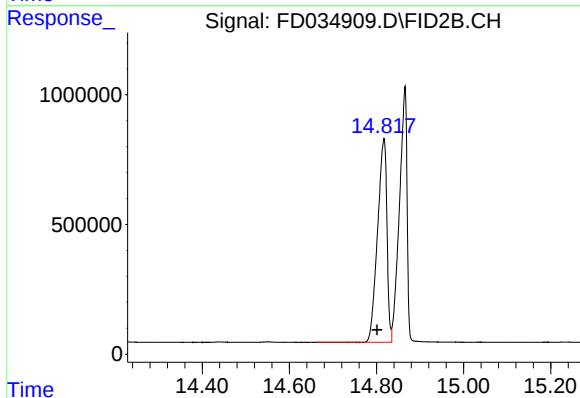
#12 Fluoranthene (C21.85)

R.T.: 12.647 min
Delta R.T.: 0.014 min
Response: 13320800
Conc: 97.83 ug/ml



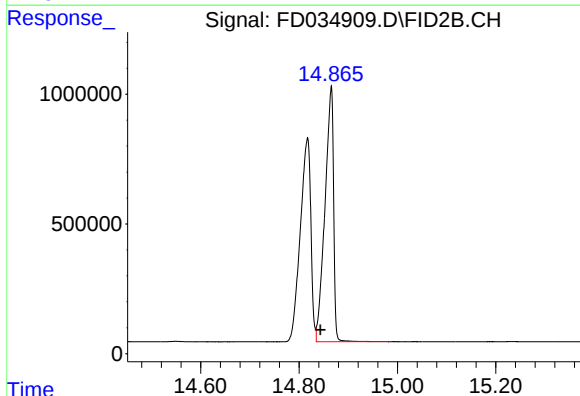
#13 Pyrene (C20.8)

R.T.: 12.946 min
Delta R.T.: 0.016 min
Response: 13053338
Conc: 99.13 ug/ml



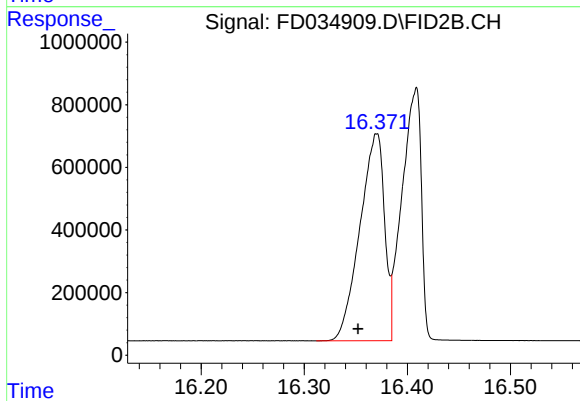
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.816 min
Delta R.T.: 0.015 min
Response: 11705230
Conc: 98.38 ug/ml



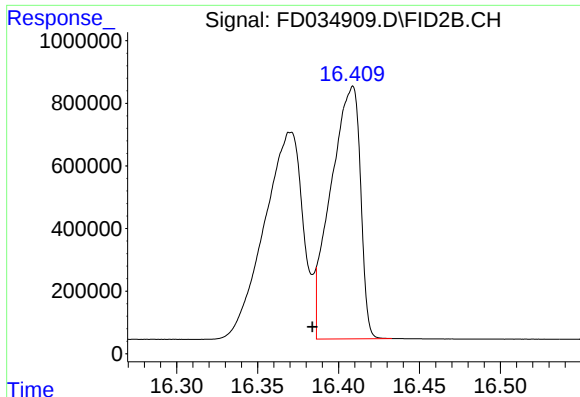
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: 0.021 min
Response: 11948433
Conc: 95.36 ug/ml



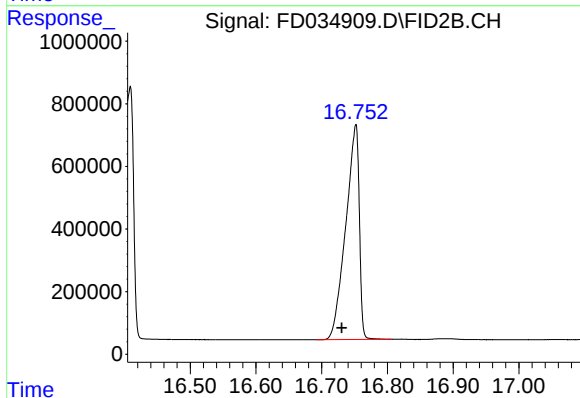
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.370 min
Delta R.T.: 0.017 min
Response: 10998689
Conc: 98.68 ug/ml



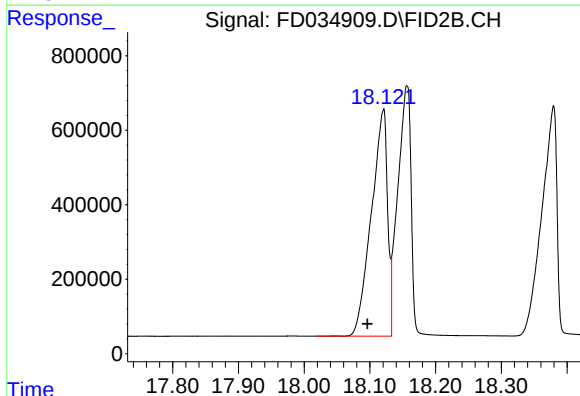
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.409 min
Delta R.T.: 0.025 min
Response: 10206389
Conc: 91.73 ug/ml m



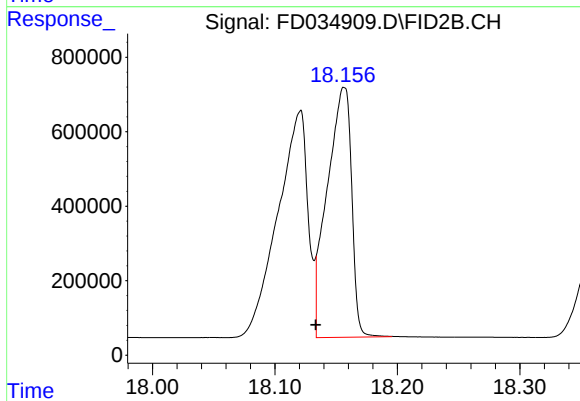
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.751 min
Delta R.T.: 0.020 min
Response: 9826910
Conc: 96.28 ug/ml



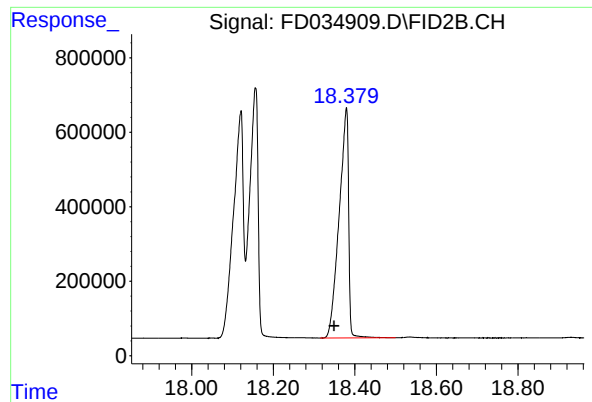
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.119 min
Delta R.T.: 0.023 min
Response: 10439111
Conc: 109.71 ug/ml



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

R.T.: 18.156 min
Delta R.T.: 0.022 min
Response: 9231614
Conc: 87.88 ug/ml m



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

R.T.: 18.378 min
Delta R.T.: 0.029 min
Response: 9947033
Conc: 100.24 ug/ml