

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071120AR\
 Data File : FD033988.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jul 2020 00:30
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 11 02:17:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 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...	7.708	2653654	22.094 ug/ml
Spiked Amount 50.000		Recovery =	44.19%
6) S 2-Fluorobiphenyl (SURR)	8.573	1858010	21.921 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.84%
11) S ortho-Terphenyl (SURR)	11.616	2911242	21.518 ug/ml
Spiked Amount 50.000		Recovery =	43.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	2942941	22.282 ug/ml
2) T Naphthalene (C11.7)	6.046	3074270	22.195 ug/ml
3) T 2-Methylnaphthalene (...)	7.098	3077866	22.100 ug/ml
5) T Acenaphthylene (C15.06)	8.376	2930097	21.795 ug/ml
7) T Acenaphthene (C15.5)	8.672	2996900	21.895 ug/ml
8) T Fluorene (C16.55)	9.453	2928741	21.782 ug/ml
9) T Phenanthrene (C19.36)	10.851	2906031	21.745 ug/ml
10) T Anthracene (C19.43)	10.925	2787012	21.003 ug/ml
12) T Fluoranthene (C21.85)	12.663	2832527	21.320 ug/ml
13) T Pyrene (C20.8)	12.961	2757762	21.273 ug/ml
14) T Benzo[a]anthracene (C...	14.831	2627374	21.105 ug/ml
15) T Chrysene (C27.41)	14.873	2629903	21.177 ug/ml
16) T benzo[b]fluoranthene ...	16.379	2519640	21.178 ug/ml
17) T Bnezo[k]fluoranthene ...	16.411	2455885	21.195 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.757	2462027	21.157 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.118	2344237	21.054 ug/ml
20) T Dibenz[a,h]anthracene...	18.158	2401878	21.739 ug/ml
21) T Benzo[g,h,i]perylene ...	18.374	2341645	21.205 ug/ml

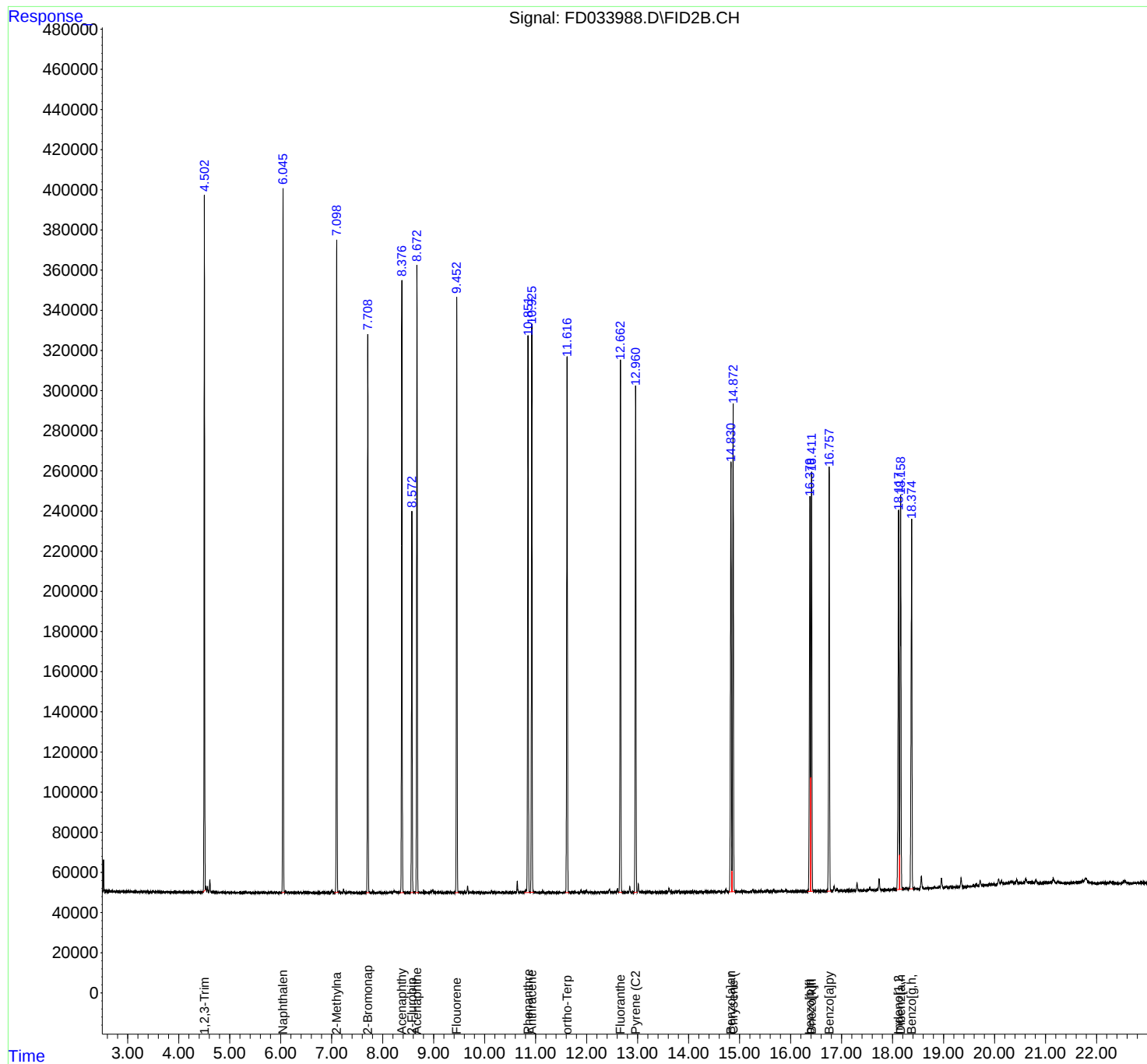
(f)=RT Delta > 1/2 Window

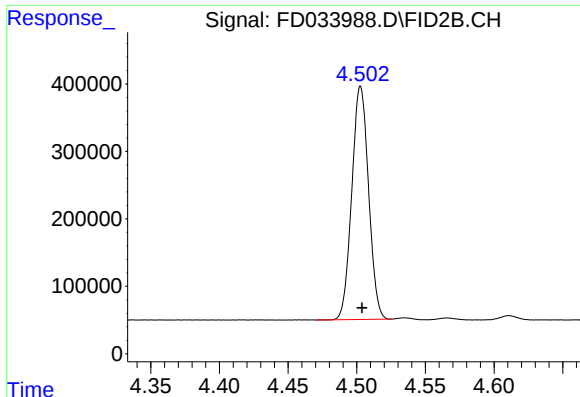
(m)=manual int.

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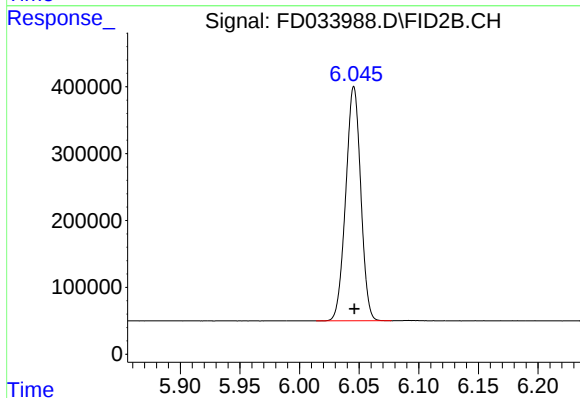
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Signal Info : 20M x 0.18mm x 0.18µm





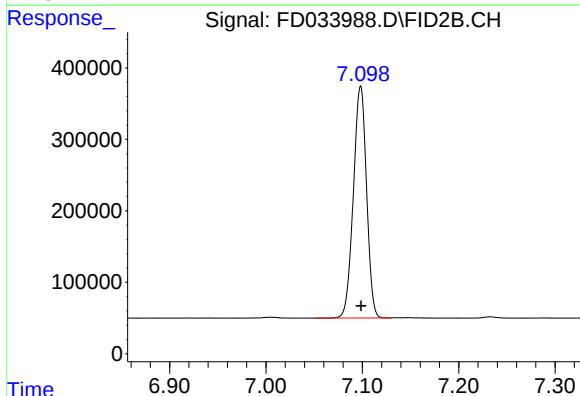
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 2942941
Conc: 22.28 ug/ml



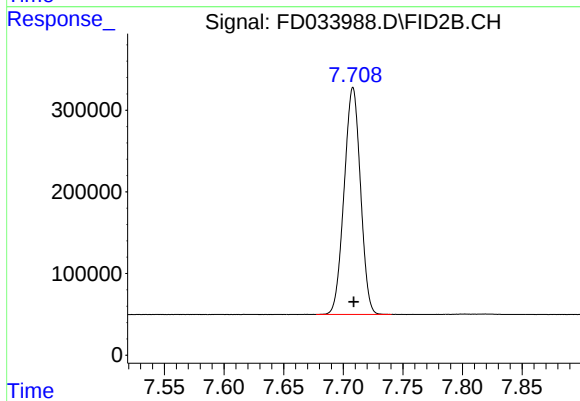
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 3074270
Conc: 22.20 ug/ml



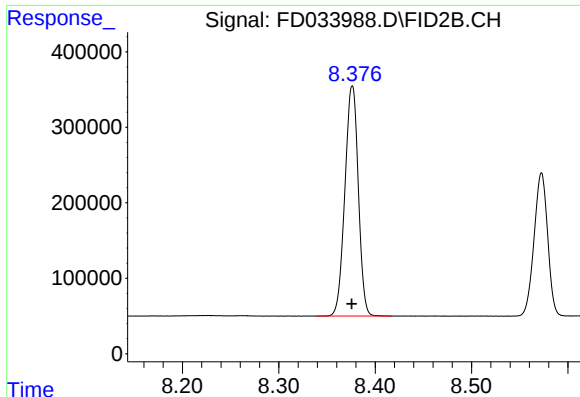
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 3077866
Conc: 22.10 ug/ml



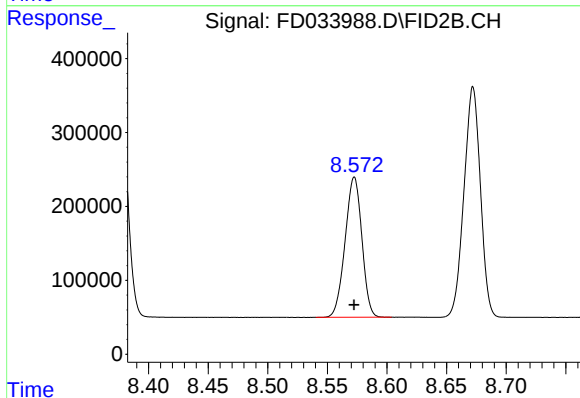
#4 2-Bromonaphthalene (SURR)

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 2653654
Conc: 22.09 ug/ml



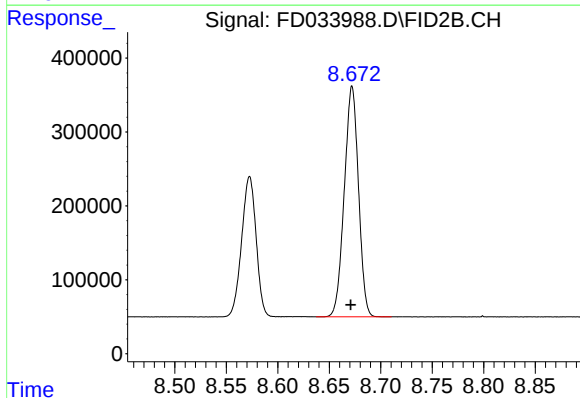
#5 Acenaphthylene (C15.06)

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 2930097
Conc: 21.79 ug/ml



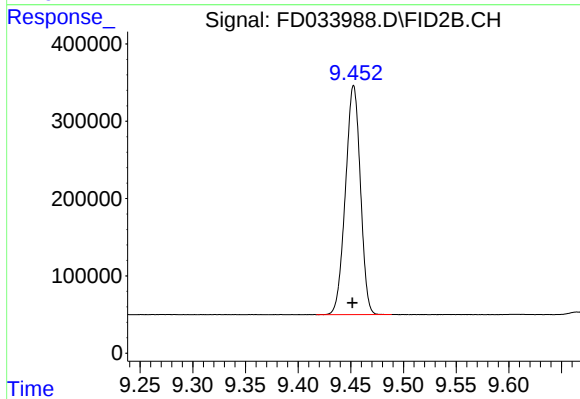
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 1858010
Conc: 21.92 ug/ml



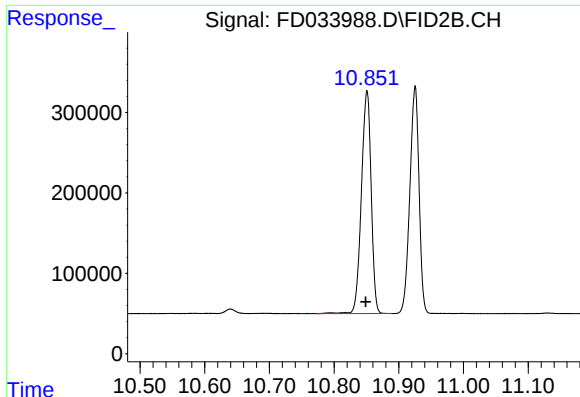
#7 Acenaphthene (C15.5)

R.T.: 8.672 min
Delta R.T.: 0.001 min
Response: 2996900
Conc: 21.90 ug/ml



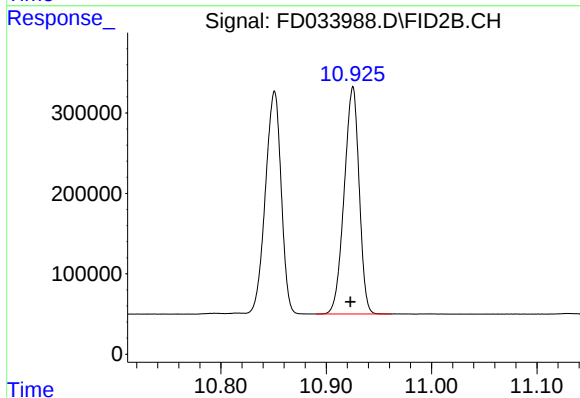
#8 Fluorene (C16.55)

R.T.: 9.453 min
Delta R.T.: 0.001 min
Response: 2928741
Conc: 21.78 ug/ml



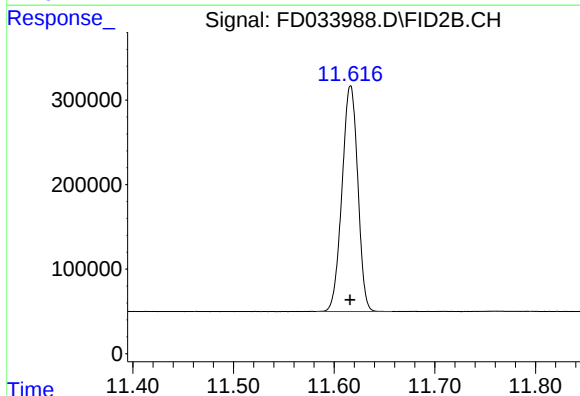
#9 Phenanthrene (C19.36)

R.T.: 10.851 min
Delta R.T.: 0.002 min
Response: 2906031
Conc: 21.75 ug/ml



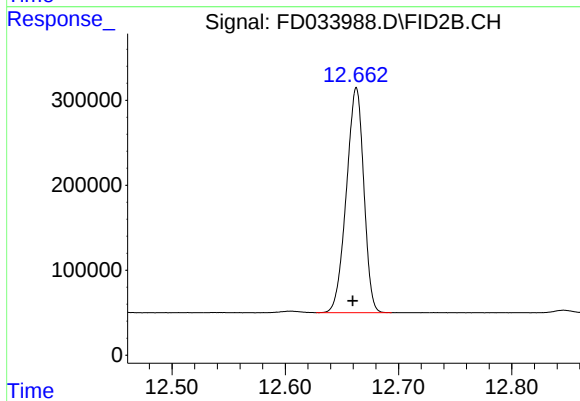
#10 Anthracene (C19.43)

R.T.: 10.925 min
Delta R.T.: 0.002 min
Response: 2787012
Conc: 21.00 ug/ml



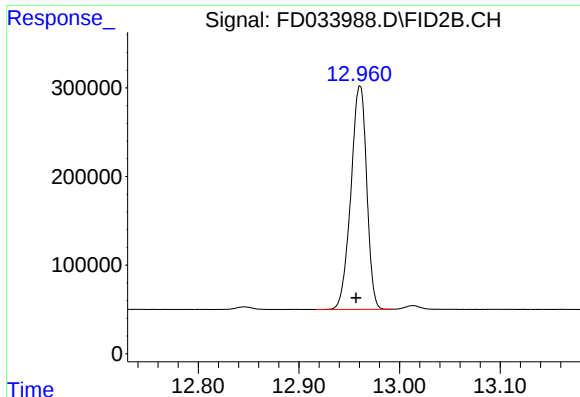
#11 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: 0.000 min
Response: 2911242
Conc: 21.52 ug/ml



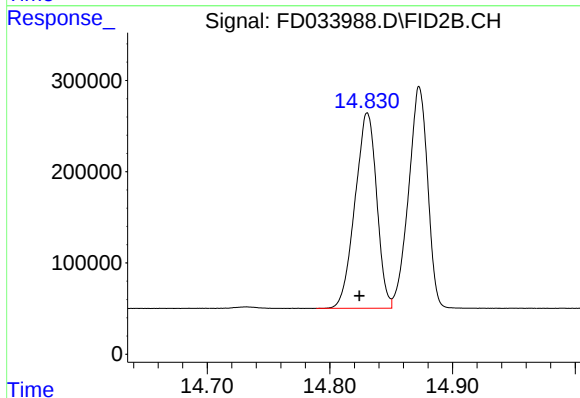
#12 Fluoranthene (C21.85)

R.T.: 12.663 min
Delta R.T.: 0.003 min
Response: 2832527
Conc: 21.32 ug/ml



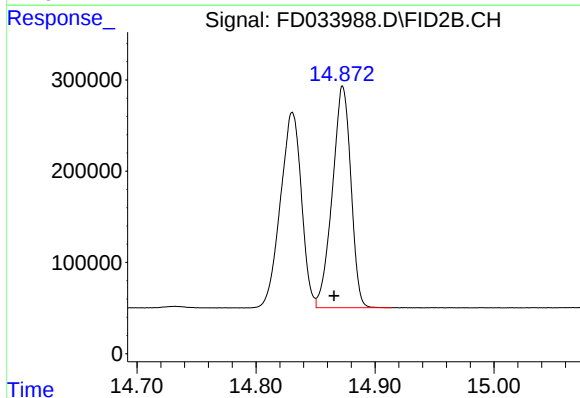
#13 Pyrene (C20.8)

R.T.: 12.961 min
Delta R.T.: 0.004 min
Response: 2757762
Conc: 21.27 ug/ml



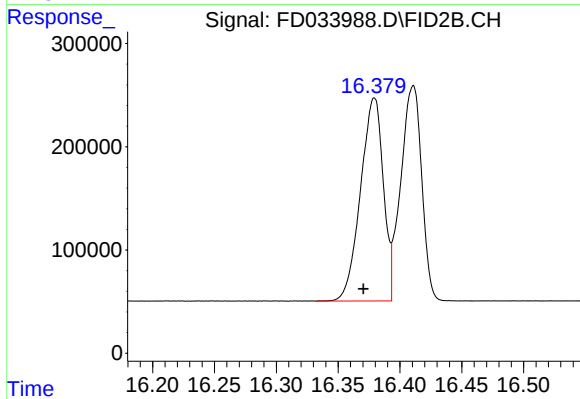
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.831 min
Delta R.T.: 0.006 min
Response: 2627374
Conc: 21.11 ug/ml



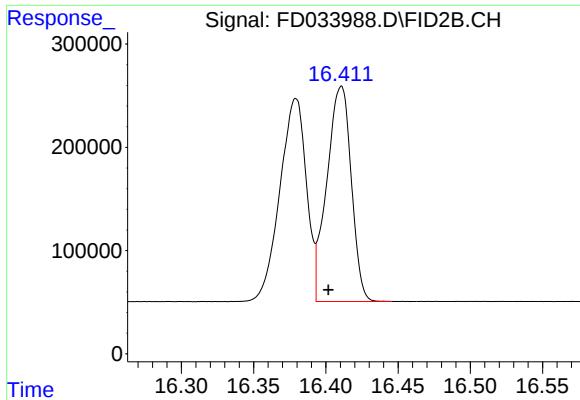
#15 Chrysene (C27.41)

R.T.: 14.873 min
Delta R.T.: 0.007 min
Response: 2629903
Conc: 21.18 ug/ml



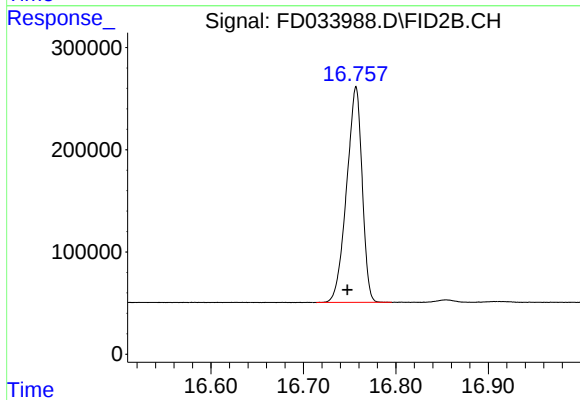
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.379 min
Delta R.T.: 0.009 min
Response: 2519640
Conc: 21.18 ug/ml



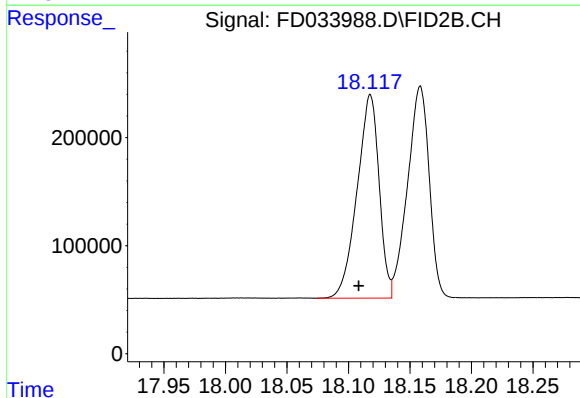
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.411 min
Delta R.T.: 0.009 min
Response: 2455885
Conc: 21.19 ug/ml



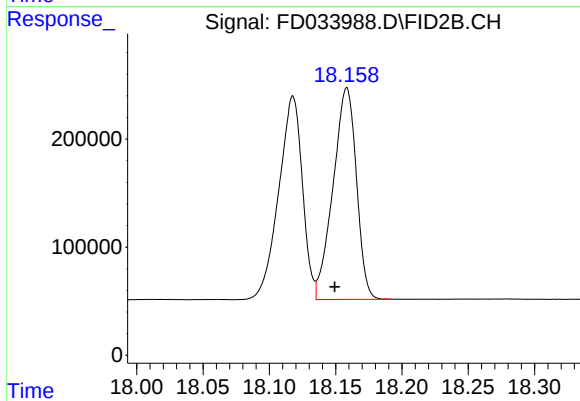
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.757 min
Delta R.T.: 0.009 min
Response: 2462027
Conc: 21.16 ug/ml



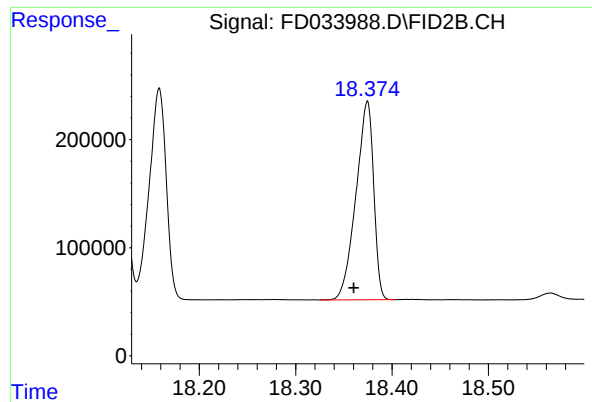
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.118 min
Delta R.T.: 0.010 min
Response: 2344237
Conc: 21.05 ug/ml



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

R.T.: 18.158 min
Delta R.T.: 0.009 min
Response: 2401878
Conc: 21.74 ug/ml



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

R.T.: 18.374 min
Delta R.T.: 0.014 min
Response: 2341645
Conc: 21.20 ug/ml