

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010620AR\
 Data File : FD031956.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2020 1:32
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 07 03:34:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 03:32:41 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...	7.636	1065238	9.036 ug/ml
Spiked Amount 50.000		Recovery =	18.07%
6) S 2-Fluorobiphenyl (SURR)	8.495	736178	8.979 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.96%
11) S ortho-Terphenyl (SURR)	11.531	1184095	9.091 ug/ml
Spiked Amount 50.000		Recovery =	18.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.440	1074891	9.086 ug/ml
2) T Naphthalene (C11.7)	5.977	1155089	9.050 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	1168277	9.100 ug/ml
5) T Acenaphthylene (C15.06)	8.299	1136690	9.043 ug/ml
7) T Acenaphthene (C15.5)	8.593	1171073	8.988 ug/ml
8) T Fluorene (C16.55)	9.372	1187783	9.080 ug/ml
9) T Phenanthrene (C19.36)	10.766	1206169	9.089 ug/ml
10) T Anthracene (C19.43)	10.839	1206054	9.222 ug/ml
12) T Fluoranthene (C21.85)	12.573	1215763	9.069 ug/ml
13) T Pyrene (C20.8)	12.869	1195639	8.979 ug/ml
14) T Benzo[a]anthracene (C...	14.736	1163878	9.047 ug/ml
15) T Chrysene (C27.41)	14.777	1178290	9.134 ug/ml
16) T benzo[b]fluoranthene ...	16.283	1151584	9.054 ug/ml
17) T Bnezo[k]fluoranthene ...	16.314	1165049	9.209 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.660	1141957	9.099 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.021	1070953	8.882 ug/ml
20) T Dibenz[a,h]anthracene...	18.062	1146263	9.346 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	1086912	9.083 ug/ml

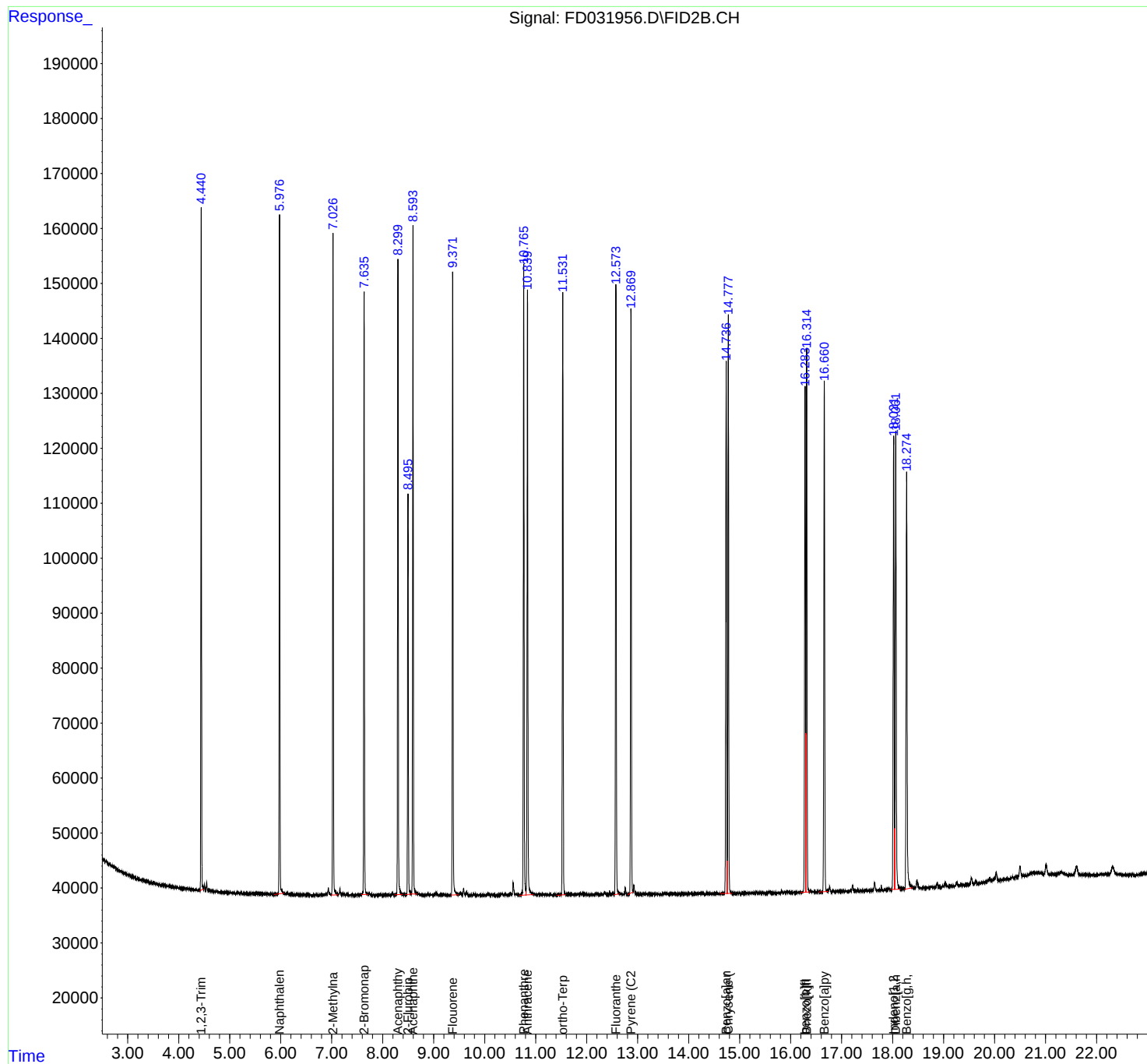
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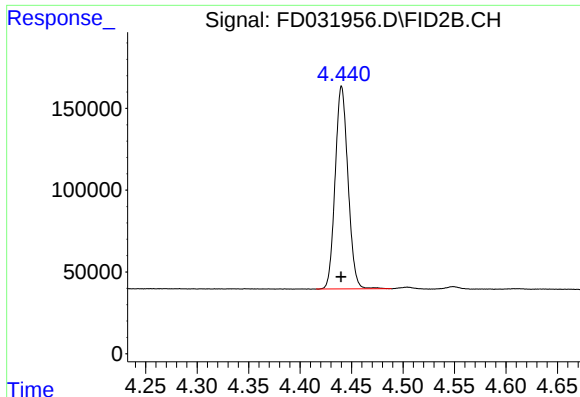
(m)=manual int.

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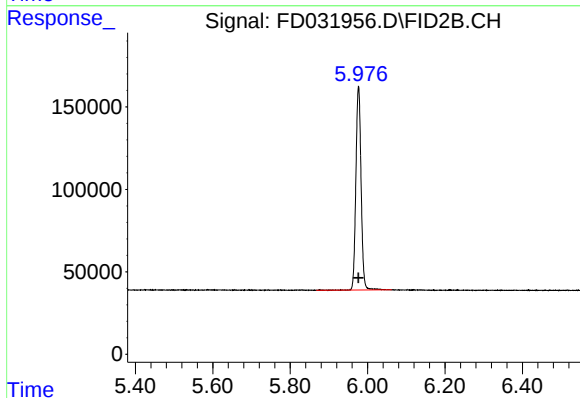
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Signal Info : 20M x 0.18mm x 0.18µm





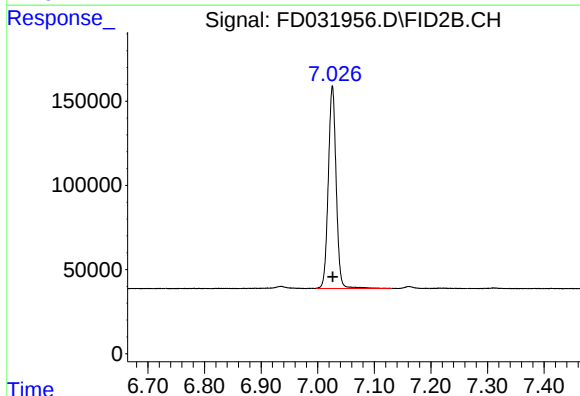
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 1074891
Conc: 9.09 ug/ml



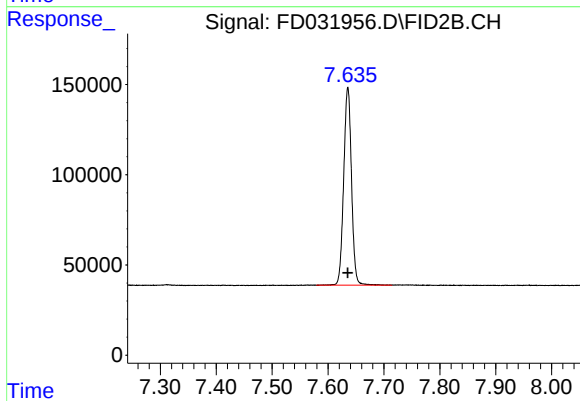
#2 Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 1155089
Conc: 9.05 ug/ml



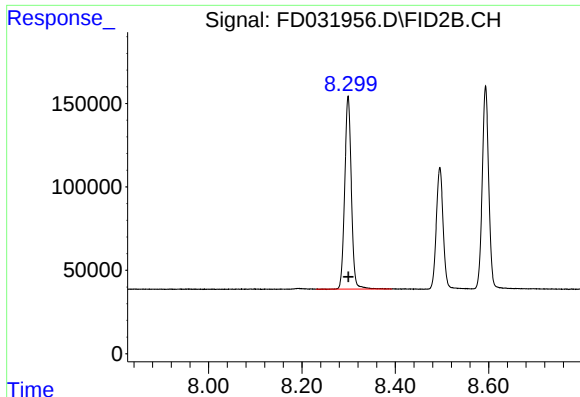
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 1168277
Conc: 9.10 ug/ml



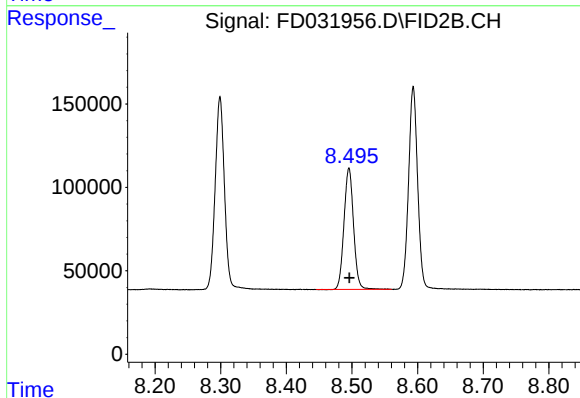
#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 1065238
Conc: 9.04 ug/ml



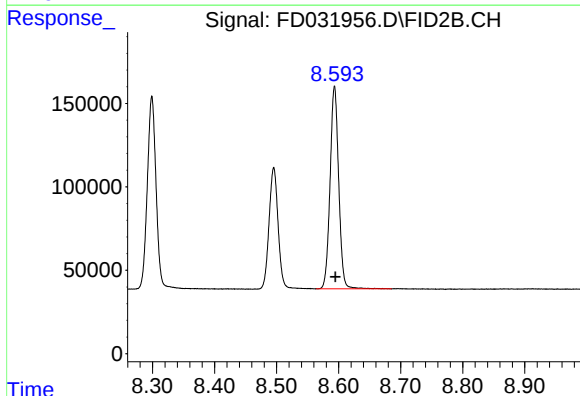
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 1136690
Conc: 9.04 ug/ml



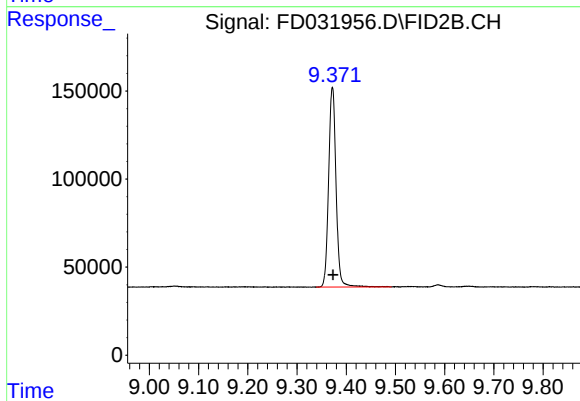
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 736178
Conc: 8.98 ug/ml



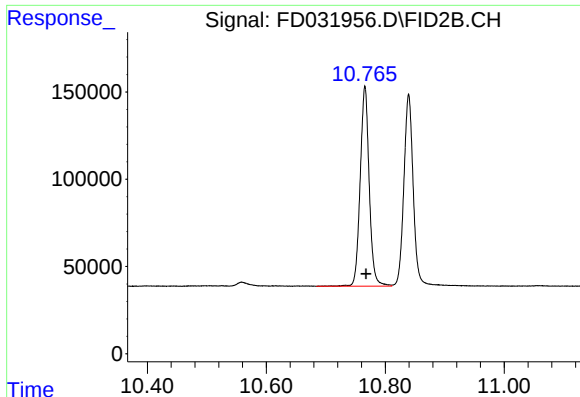
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: -0.001 min
Response: 1171073
Conc: 8.99 ug/ml



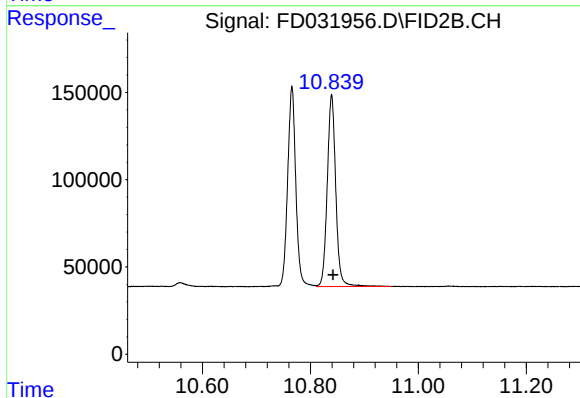
#8 Fluorene (C16.55)

R.T.: 9.372 min
Delta R.T.: -0.002 min
Response: 1187783
Conc: 9.08 ug/ml



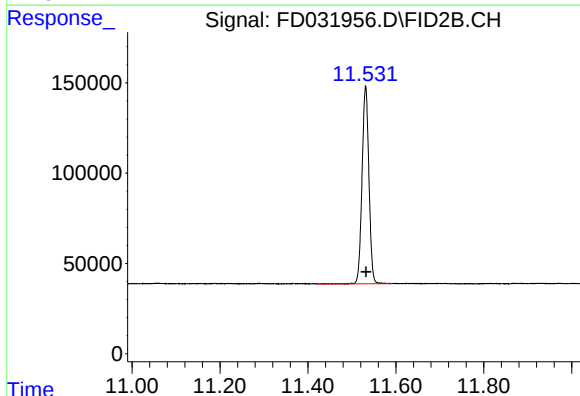
#9 Phenanthrene (C19.36)

R.T.: 10.766 min
Delta R.T.: -0.002 min
Response: 1206169
Conc: 9.09 ug/ml



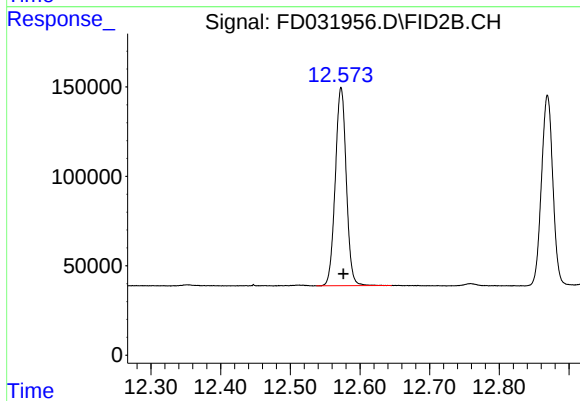
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.002 min
Response: 1206054
Conc: 9.22 ug/ml



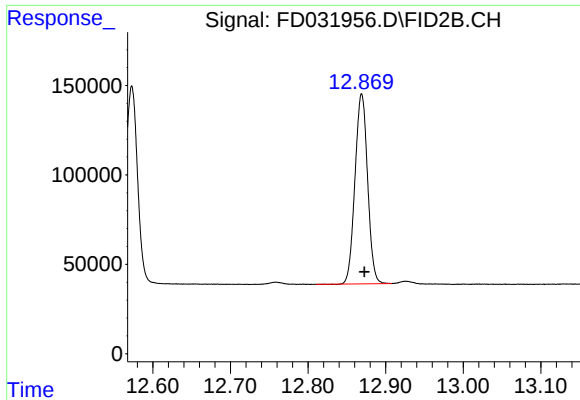
#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.001 min
Response: 1184095
Conc: 9.09 ug/ml



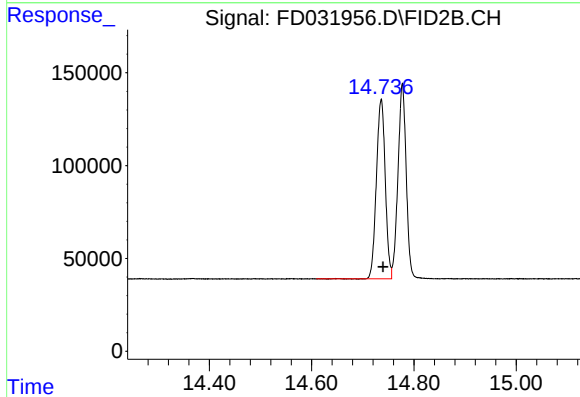
#12 Fluoranthene (C21.85)

R.T.: 12.573 min
Delta R.T.: -0.003 min
Response: 1215763
Conc: 9.07 ug/ml



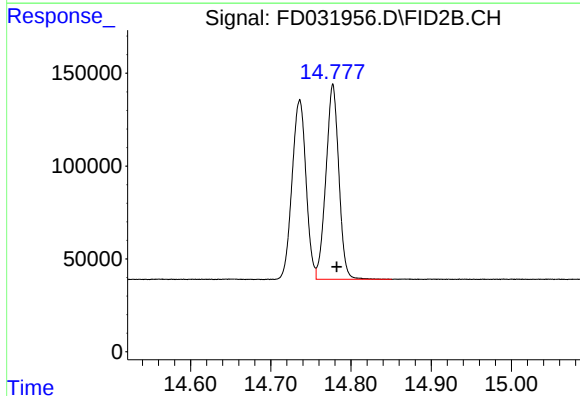
#13 Pyrene (C20.8)

R.T.: 12.869 min
Delta R.T.: -0.003 min
Response: 1195639
Conc: 8.98 ug/ml



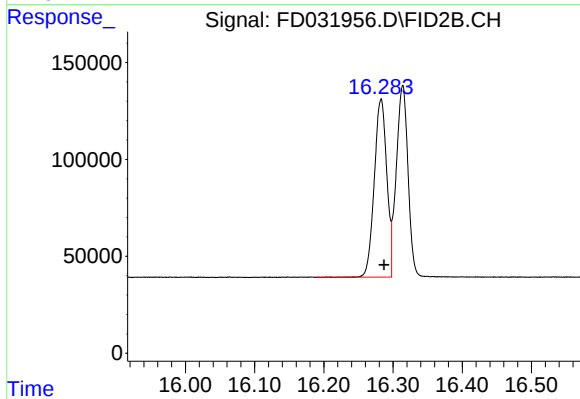
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.004 min
Response: 1163878
Conc: 9.05 ug/ml



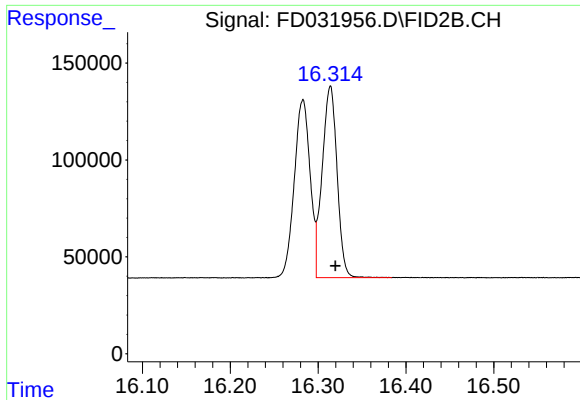
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.005 min
Response: 1178290
Conc: 9.13 ug/ml



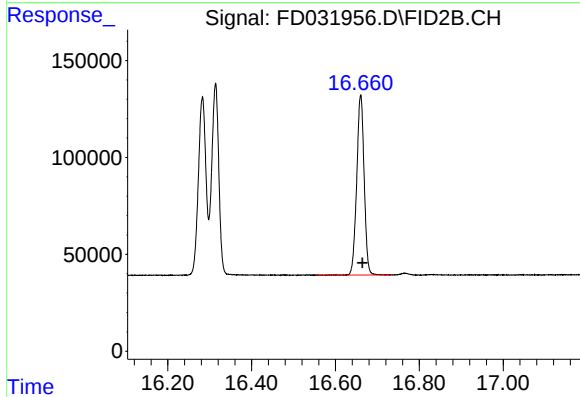
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.283 min
Delta R.T.: -0.005 min
Response: 1151584
Conc: 9.05 ug/ml



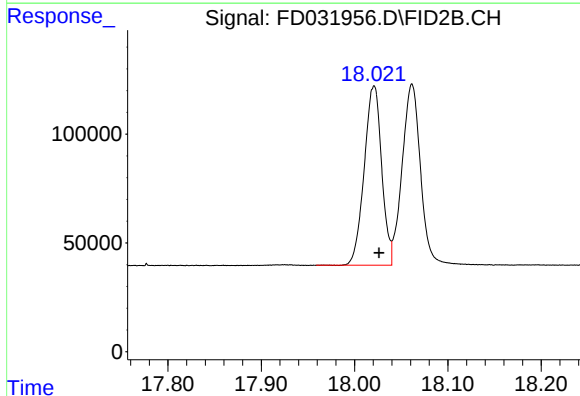
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.314 min
Delta R.T.: -0.006 min
Response: 1165049
Conc: 9.21 ug/ml



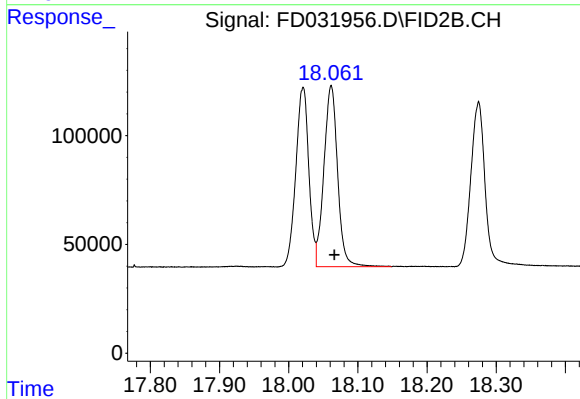
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.660 min
Delta R.T.: -0.004 min
Response: 1141957
Conc: 9.10 ug/ml



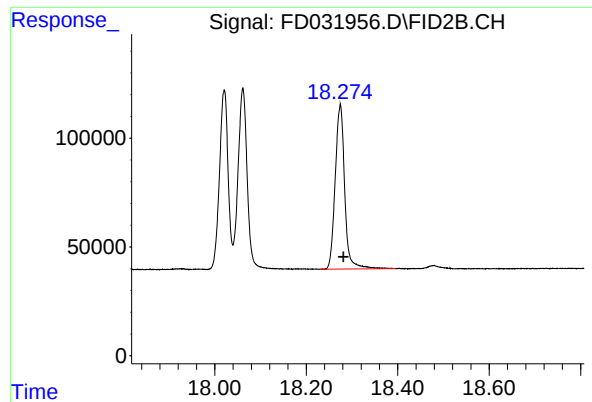
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.021 min
Delta R.T.: -0.005 min
Response: 1070953
Conc: 8.88 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.005 min
Response: 1146263
Conc: 9.35 ug/ml



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

R.T.: 18.275 min
Delta R.T.: -0.007 min
Response: 1086912
Conc: 9.08 ug/ml