

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050620AR\
 Data File : FD033295.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2020 19:18
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 07 03:51:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050620.M
 Quant Title : GC Extractables
 QLast Update : Thu May 07 03:25:25 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...	7.589	1087327	9.603 ug/ml
Spiked Amount 50.000		Recovery =	19.21%
6) S 2-Fluorobiphenyl (SURR)	8.452	701724	9.231 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.46%
11) S ortho-Terphenyl (SURR)	11.481	1333780	10.049 ug/ml
Spiked Amount 50.000		Recovery =	20.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.397	1161433	9.926 ug/ml
2) T Naphthalene (C11.7)	5.932	1171635	9.602 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	1172143	9.534 ug/ml
5) T Acenaphthylene (C15.06)	8.252	1205321	9.806 ug/ml
7) T Acenaphthene (C15.5)	8.546	1258937	9.763 ug/ml
8) T Fluorene (C16.55)	9.326	1206804	9.560 ug/ml
9) T Phenanthrene (C19.36)	10.720	1269982	9.752 ug/ml
10) T Anthracene (C19.43)	10.796	1225953	9.720 ug/ml
12) T Fluoranthene (C21.85)	12.530	1320658	9.821 ug/ml
13) T Pyrene (C20.8)	12.826	1314029	9.884 ug/ml
14) T Benzo[a]anthracene (C...	14.698	1229338	9.658 ug/ml
15) T Chrysene (C27.41)	14.739	1339933	10.116 ug/ml
16) T benzo[b]fluoranthene ...	16.250	1271629	9.845 ug/ml
17) T Bnezo[k]fluoranthene ...	16.280	1345823	10.133 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	1251299	9.805 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.998	1139694	9.505 ug/ml
20) T Dibenz[a,h]anthracene...	18.035	1334927	10.197 ug/ml
21) T Benzo[g,h,i]perylene ...	18.250	1222590	9.845 ug/ml

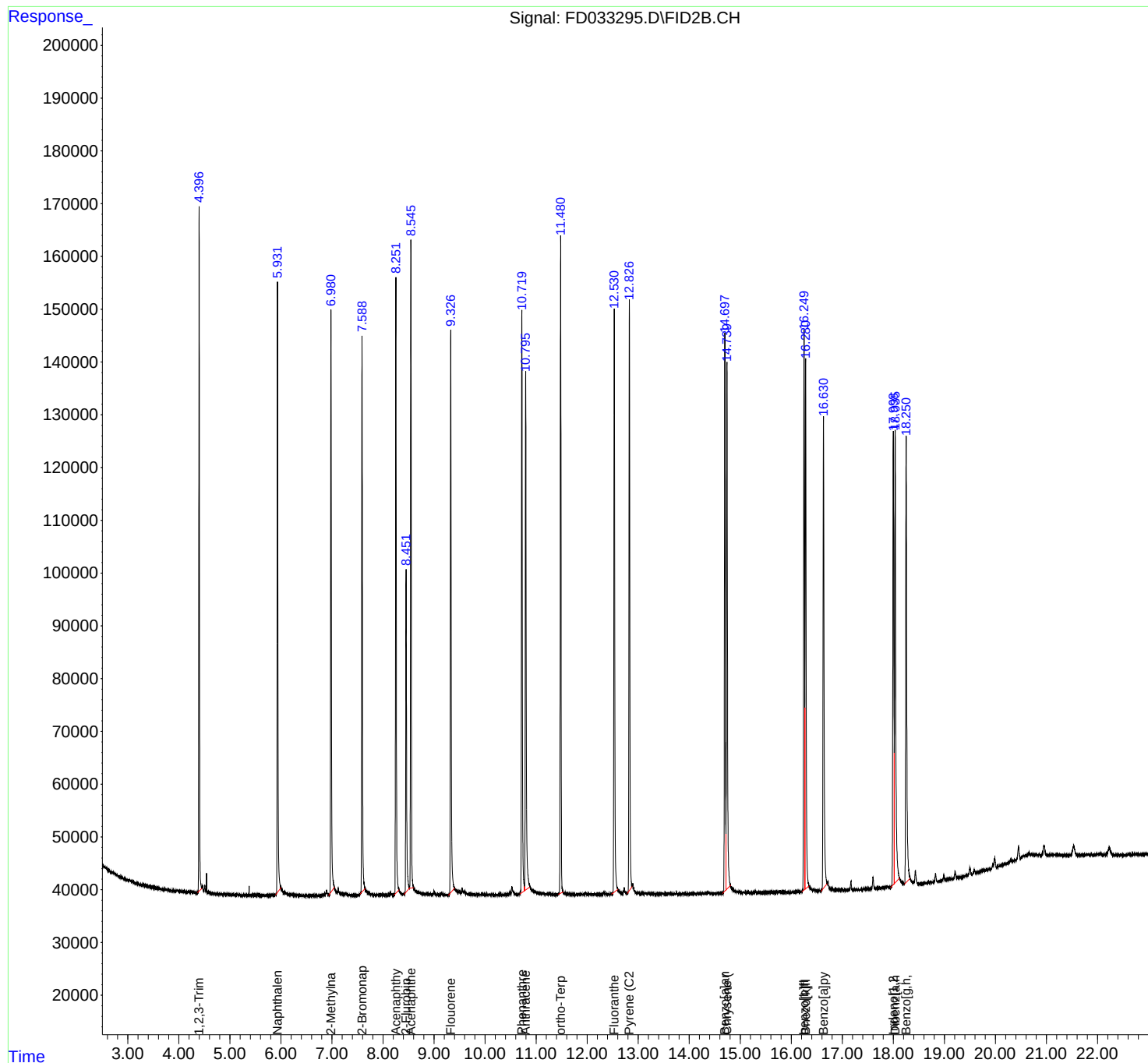
(f)=RT Delta > 1/2 Window

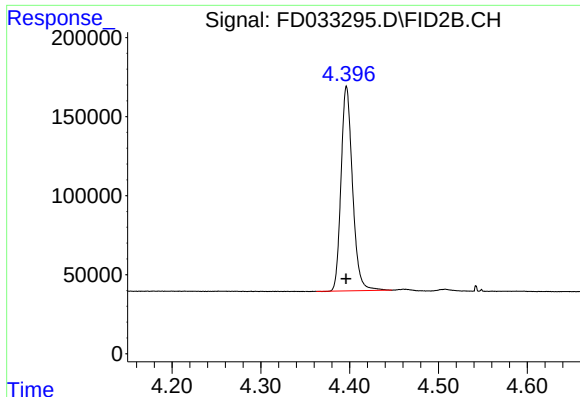
(m)=manual int.

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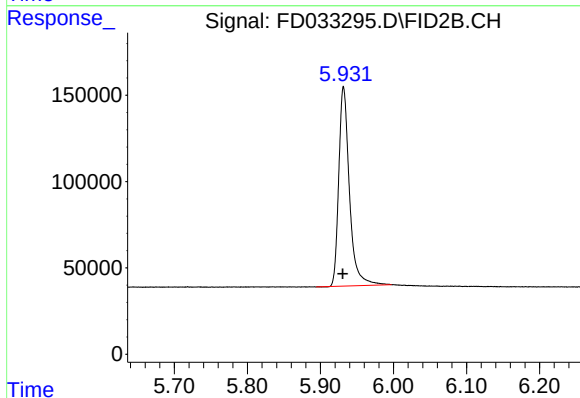
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Signal Info : 20M x 0.18mm x 0.18µm





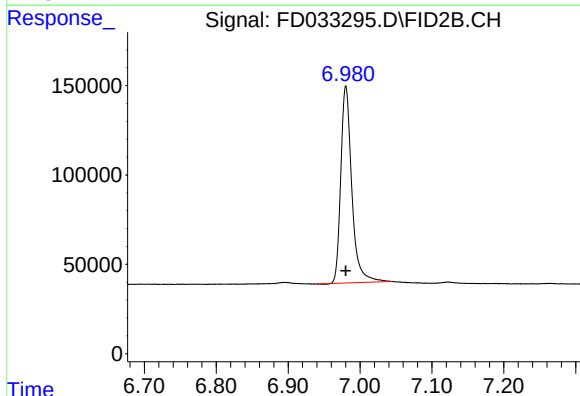
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.397 min
Delta R.T.: 0.000 min
Response: 1161433
Conc: 9.93 ug/ml



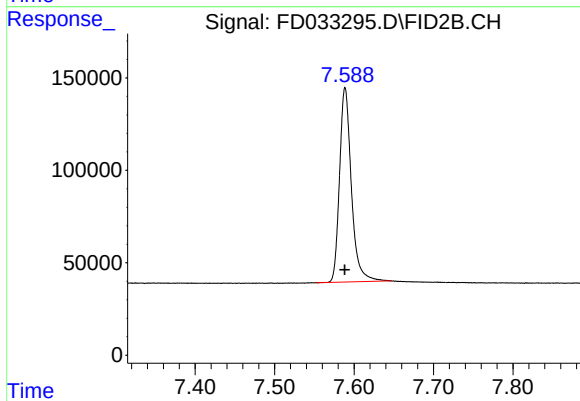
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 1171635
Conc: 9.60 ug/ml



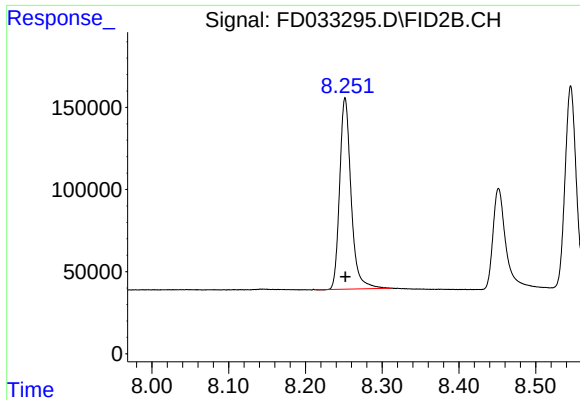
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 1172143
Conc: 9.53 ug/ml



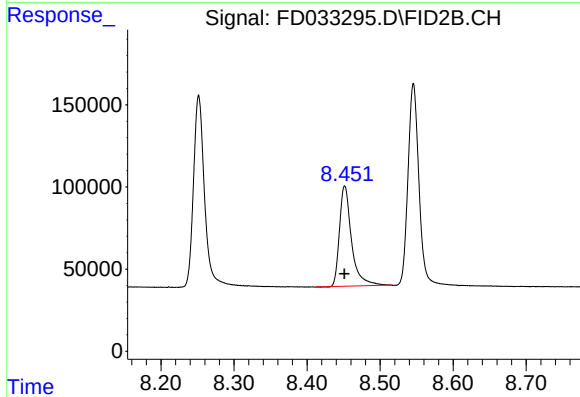
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 1087327
Conc: 9.60 ug/ml



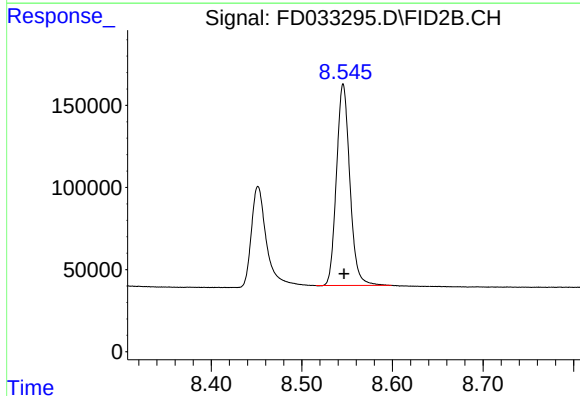
#5 Acenaphthylene (C15.06)

R.T.: 8.252 min
Delta R.T.: 0.000 min
Response: 1205321
Conc: 9.81 ug/ml



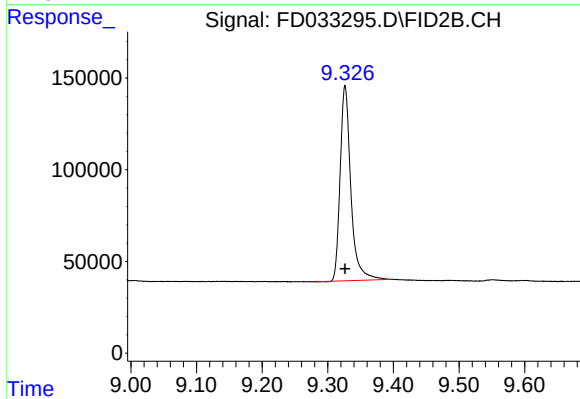
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 701724
Conc: 9.23 ug/ml



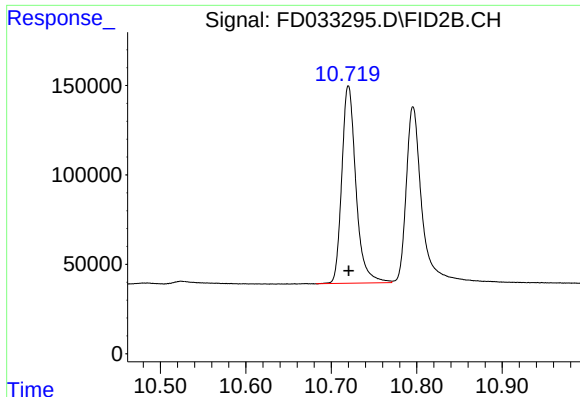
#7 Acenaphthene (C15.5)

R.T.: 8.546 min
Delta R.T.: 0.000 min
Response: 1258937
Conc: 9.76 ug/ml



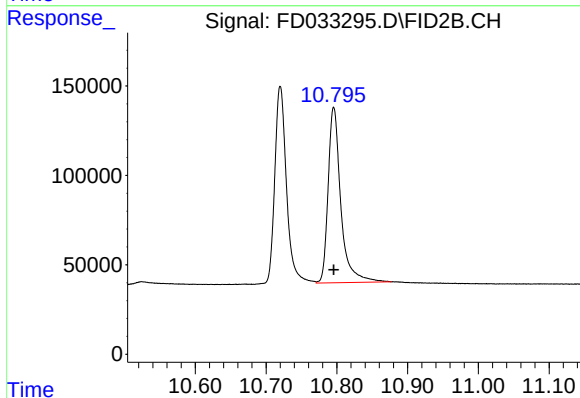
#8 Fluorene (C16.55)

R.T.: 9.326 min
Delta R.T.: 0.000 min
Response: 1206804
Conc: 9.56 ug/ml



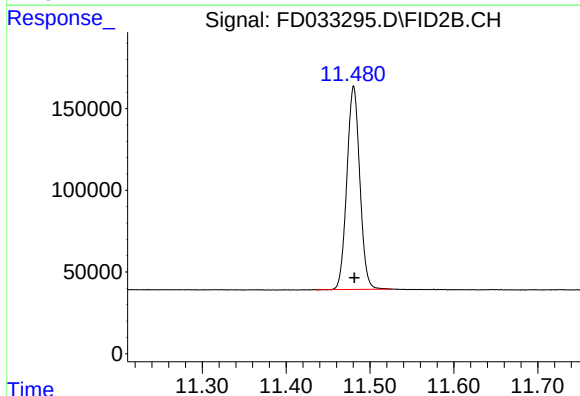
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: 0.000 min
Response: 1269982
Conc: 9.75 ug/ml



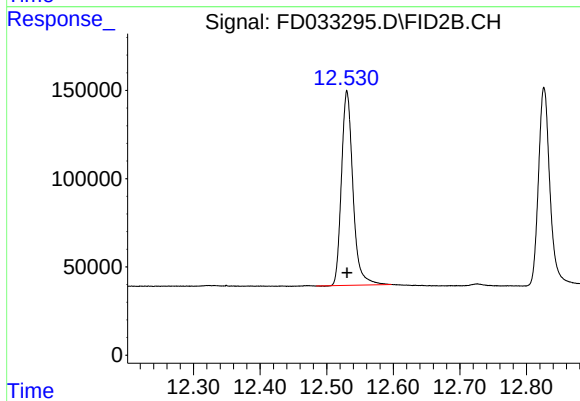
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: 0.000 min
Response: 1225953
Conc: 9.72 ug/ml



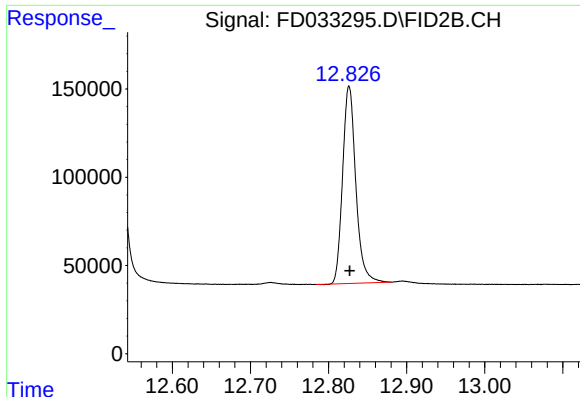
#11 ortho-Terphenyl (SURR)

R.T.: 11.481 min
Delta R.T.: 0.000 min
Response: 1333780
Conc: 10.05 ug/ml



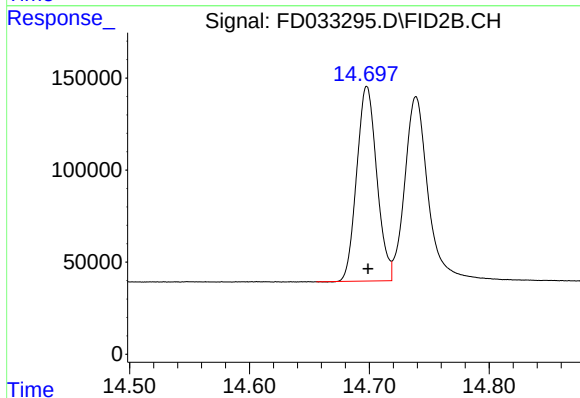
#12 Fluoranthene (C21.85)

R.T.: 12.530 min
Delta R.T.: 0.000 min
Response: 1320658
Conc: 9.82 ug/ml



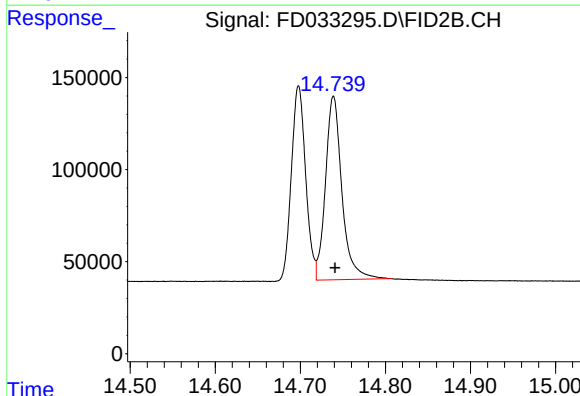
#13 Pyrene (C20.8)

R.T.: 12.826 min
Delta R.T.: 0.000 min
Response: 1314029
Conc: 9.88 ug/ml



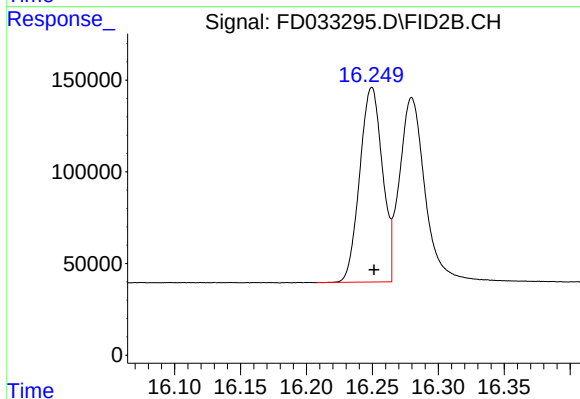
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.698 min
Delta R.T.: -0.001 min
Response: 1229338
Conc: 9.66 ug/ml



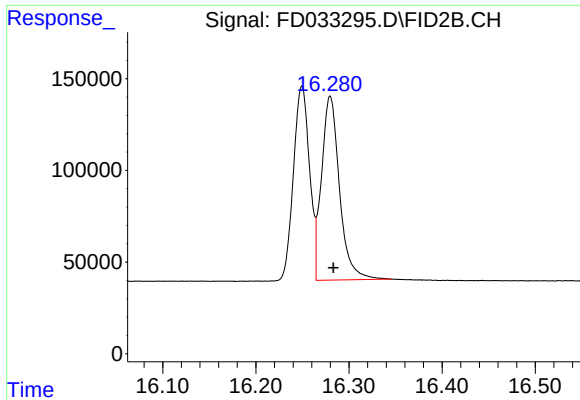
#15 Chrysene (C27.41)

R.T.: 14.739 min
Delta R.T.: -0.002 min
Response: 1339933
Conc: 10.12 ug/ml



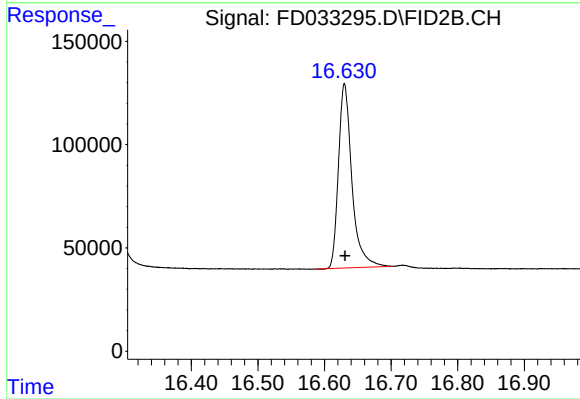
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.250 min
Delta R.T.: -0.002 min
Response: 1271629
Conc: 9.84 ug/ml



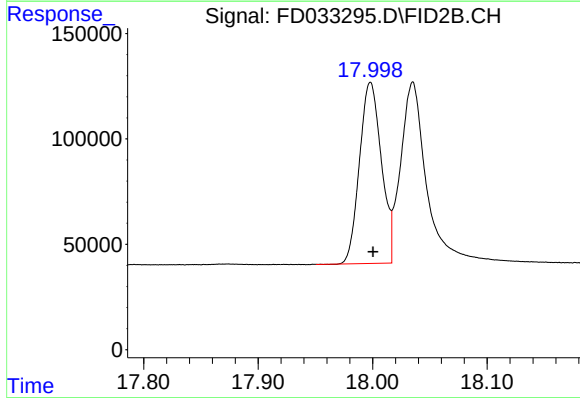
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.280 min
Delta R.T.: -0.003 min
Response: 1345823
Conc: 10.13 ug/ml



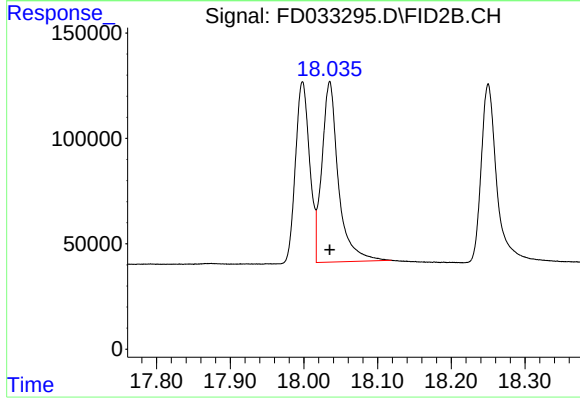
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: -0.001 min
Response: 1251299
Conc: 9.80 ug/ml



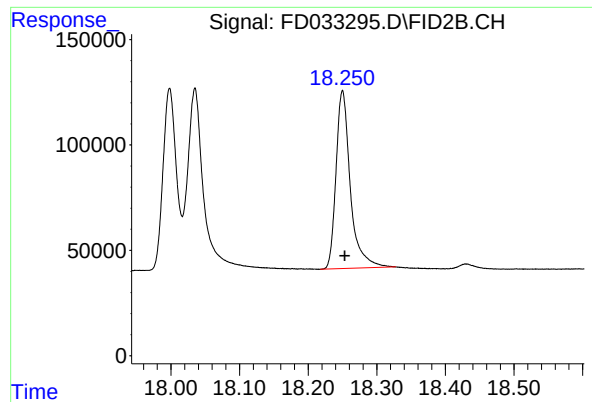
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.998 min
Delta R.T.: -0.002 min
Response: 1139694
Conc: 9.51 ug/ml



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

R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 1334927
Conc: 10.20 ug/ml



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

R.T.: 18.250 min
Delta R.T.: -0.003 min
Response: 1222590
Conc: 9.85 ug/ml