

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073120AR\
 Data File : FD034279.D
 Signal(s) : FID2B.CH
 Acq On : 01 Aug 2020 4:22
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 05:18:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 01 04:24:03 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...	7.702	549096	4.622 ug/ml
Spiked Amount 50.000		Recovery =	9.24%
6) S 2-Fluorobiphenyl (SURR)	8.568	389752	4.629 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.26%
11) S ortho-Terphenyl (SURR)	11.608	647109	4.705 ug/ml
Spiked Amount 50.000		Recovery =	9.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	610338	4.736 ug/ml
2) T Naphthalene (C11.7)	6.040	630237	4.646 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	636109	4.647 ug/ml
5) T Acenaphthylene (C15.06)	8.370	636013	4.757 ug/ml
7) T Acenaphthene (C15.5)	8.665	637106	4.675 ug/ml
8) T Flouorene (C16.55)	9.446	633463	4.700 ug/ml
9) T Phenanthrene (C19.36)	10.844	636530	4.677 ug/ml
10) T Anthracene (C19.43)	10.918	628254	4.657 ug/ml
12) T Fluoranthene (C21.85)	12.655	648933	4.720 ug/ml
13) T Pyrene (C20.8)	12.953	638680	4.747 ug/ml
14) T Benzo[a]anthracene (C...	14.864	633543	4.780 ug/ml
15) T Chrysene (C27.41)	14.864	633543	4.790 ug/ml
16) T benzo[b]fluoranthene ...	16.402	607952	4.718 ug/ml
17) T Bnezo[k]fluoranthene ...	16.402	607952	4.870 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	609827	4.835 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.149	606128	4.982 ug/ml
20) T Dibenz[a,h]anthracene...	18.149	606128	5.122 ug/ml
21) T Benzo[g,h,i]perylene ...	18.363	578001	4.837 ug/ml

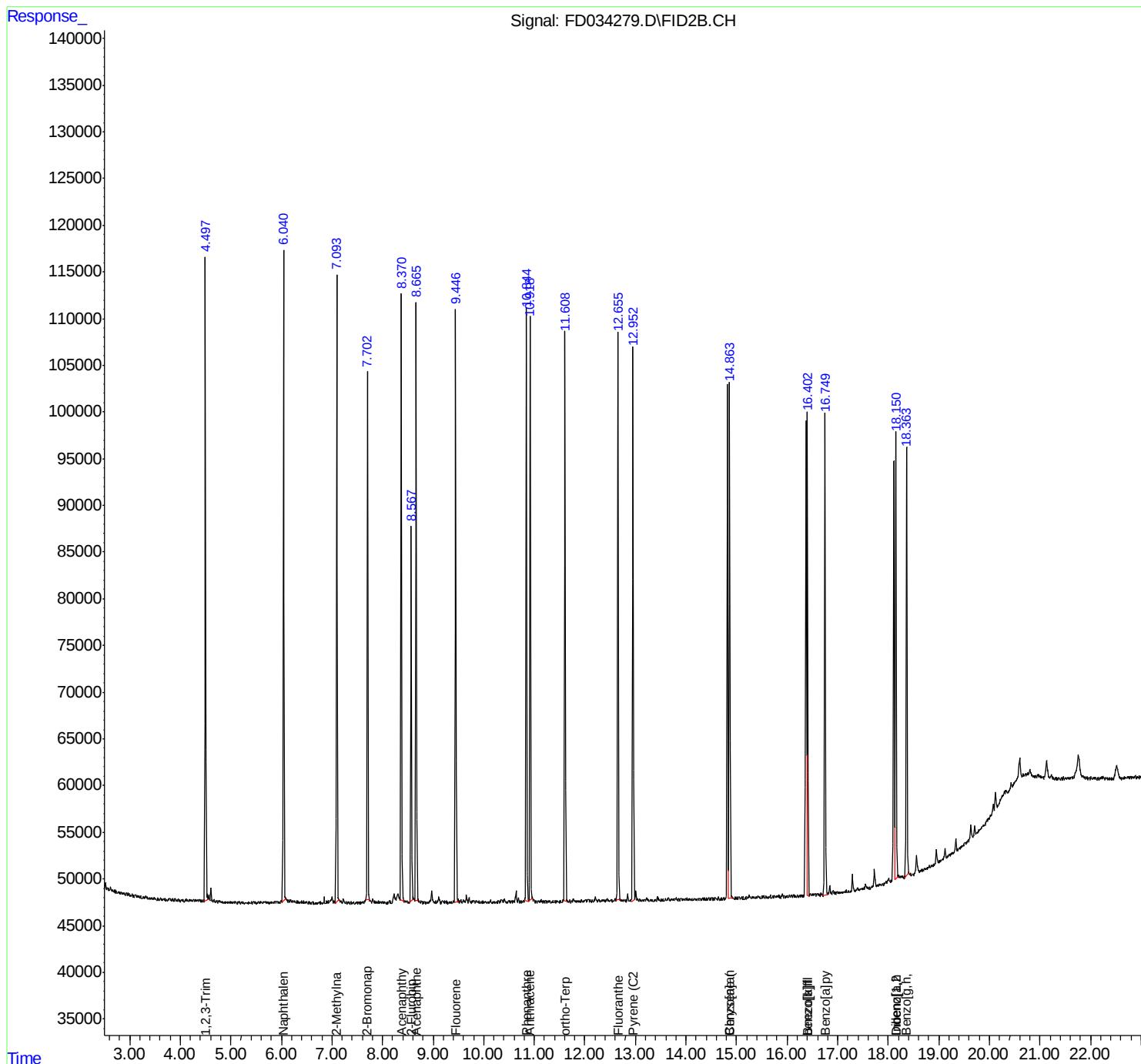
(f)=RT Delta > 1/2 Window

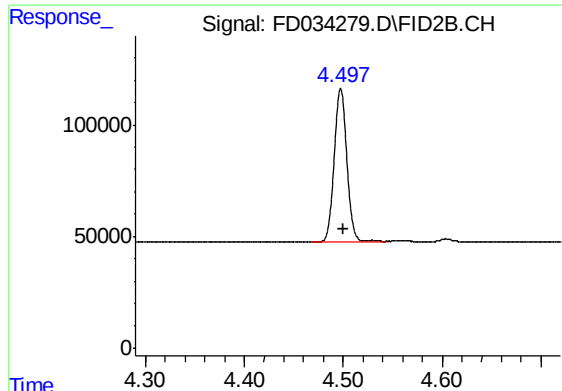
(m)=manual int.

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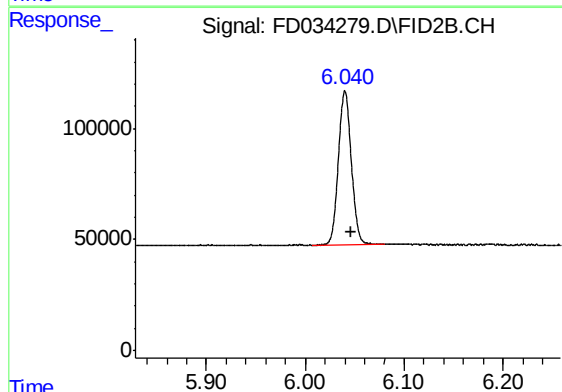
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Signal Info : 20M x 0.18mm x 0.18µm





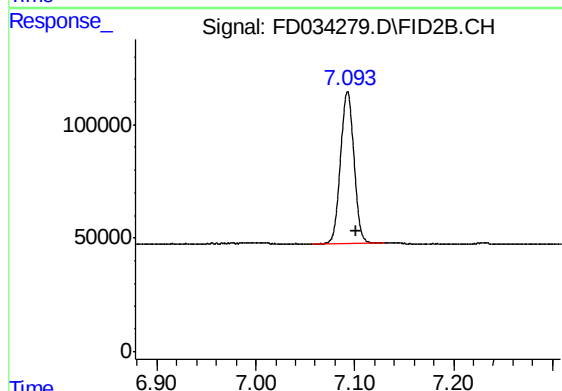
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 610338
Conc: 4.74 ug/ml



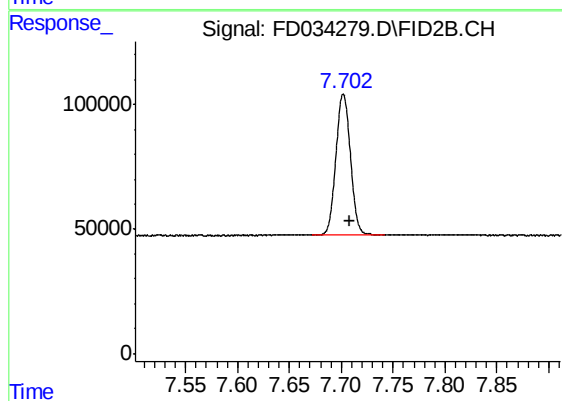
#2 Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.005 min
Response: 630237
Conc: 4.65 ug/ml



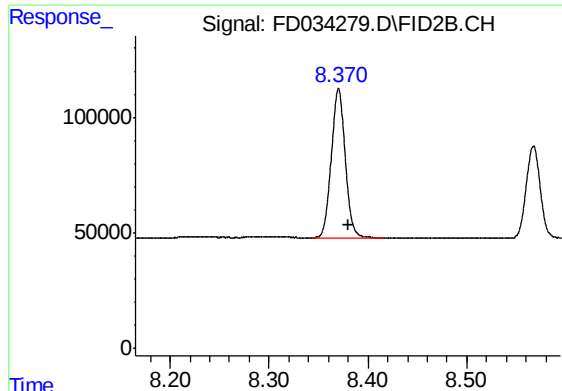
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: -0.008 min
Response: 636109
Conc: 4.65 ug/ml



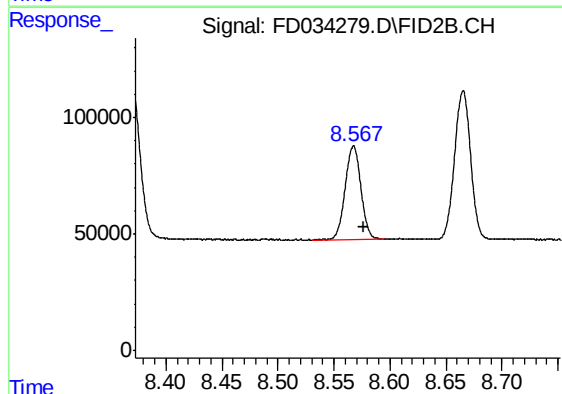
#4 2-Bromonaphthalene (SURR)

R.T.: 7.702 min
Delta R.T.: -0.007 min
Response: 549096
Conc: 4.62 ug/ml



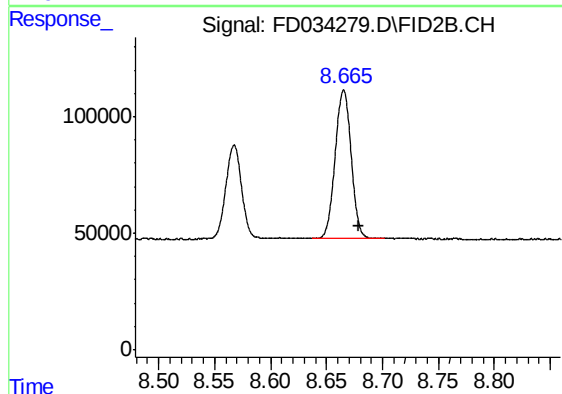
#5 Acenaphthylene (C15.06)

R.T.: 8.370 min
Delta R.T.: -0.010 min
Response: 636013
Conc: 4.76 ug/ml



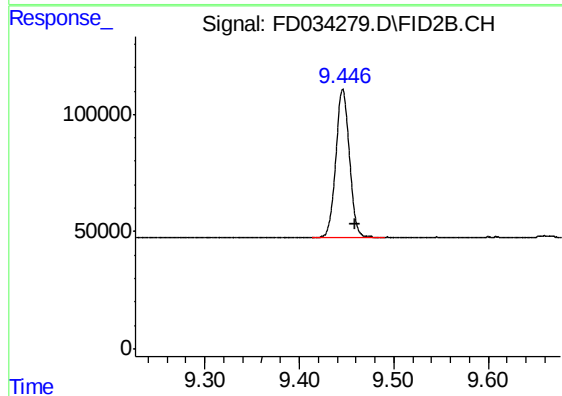
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.568 min
Delta R.T.: -0.009 min
Response: 389752
Conc: 4.63 ug/ml



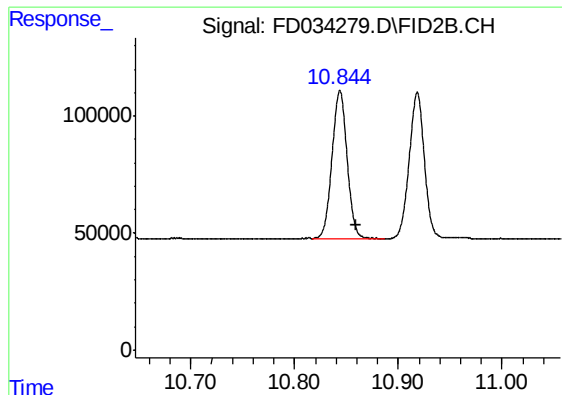
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: -0.014 min
Response: 637106
Conc: 4.68 ug/ml



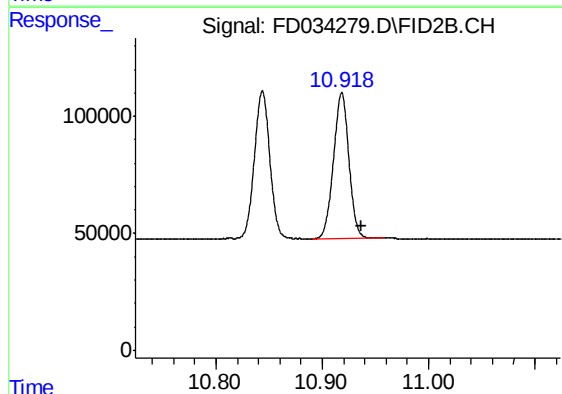
#8 Flouorene (C16.55)

R.T.: 9.446 min
Delta R.T.: -0.013 min
Response: 633463
Conc: 4.70 ug/ml



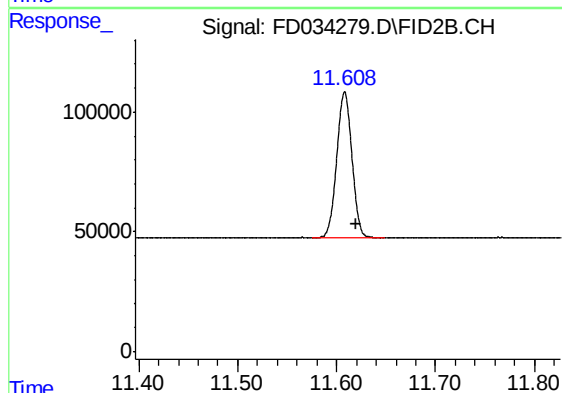
#9 Phenanthrene (C19.36)

R.T.: 10.844 min
Delta R.T.: -0.015 min
Response: 636530
Conc: 4.68 ug/ml



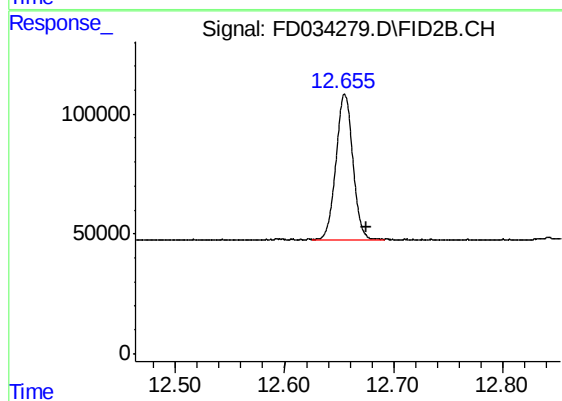
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: -0.019 min
Response: 628254
Conc: 4.66 ug/ml



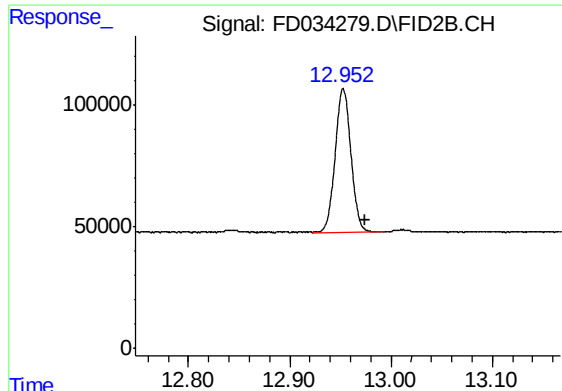
#11 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: -0.012 min
Response: 647109
Conc: 4.70 ug/ml



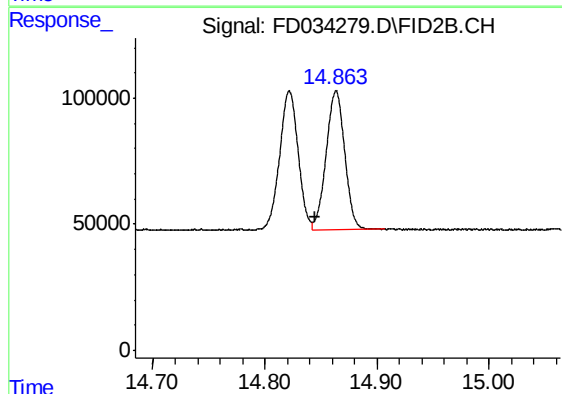
#12 Fluoranthene (C21.85)

R.T.: 12.655 min
Delta R.T.: -0.020 min
Response: 648933
Conc: 4.72 ug/ml



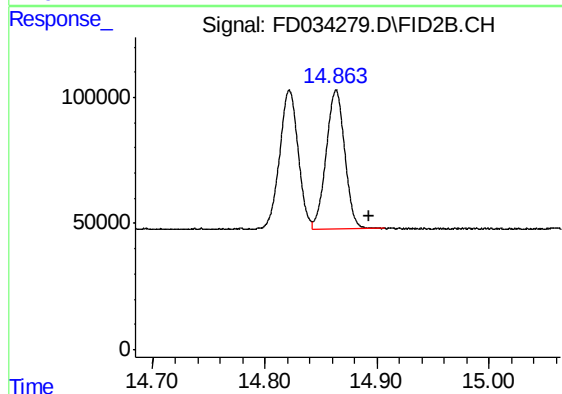
#13 Pyrene (C20.8)

R.T.: 12.953 min
Delta R.T.: -0.021 min
Response: 638680
Conc: 4.75 ug/ml



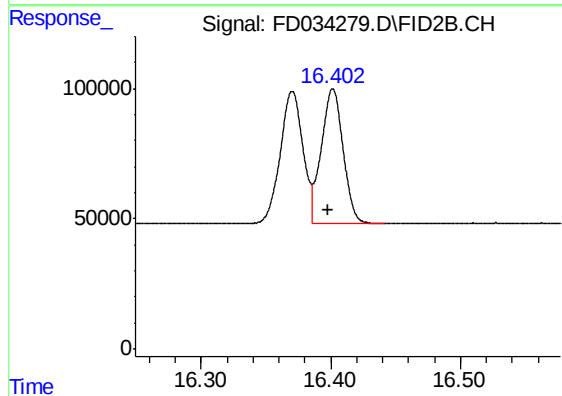
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.864 min
Delta R.T.: 0.018 min
Response: 633543
Conc: 4.78 ug/ml



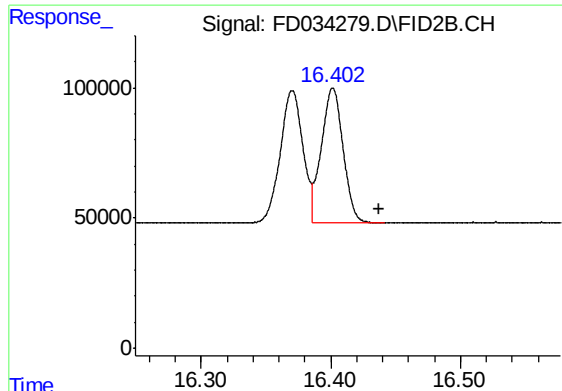
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: -0.029 min
Response: 633543
Conc: 4.79 ug/ml



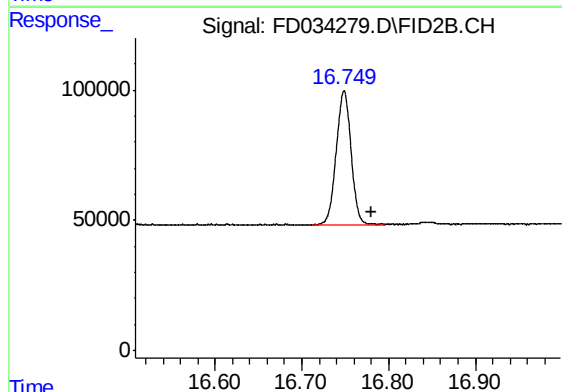
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.402 min
Delta R.T.: 0.004 min
Response: 607952
Conc: 4.72 ug/ml



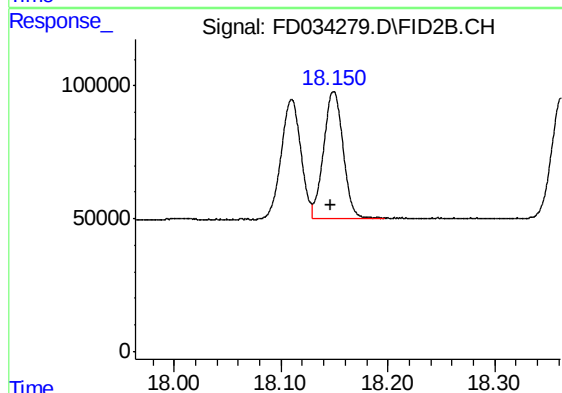
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.402 min
Delta R.T.: -0.035 min
Response: 607952
Conc: 4.87 ug/ml



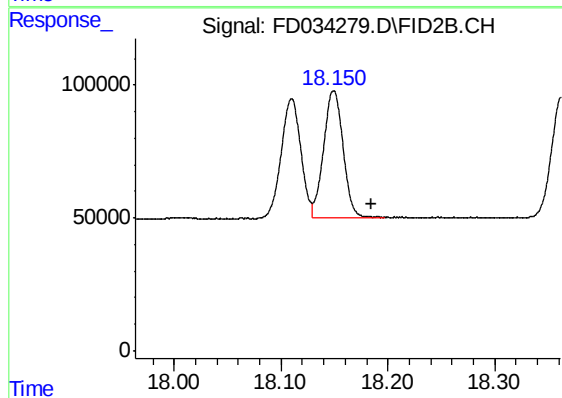
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: -0.032 min
Response: 609827
Conc: 4.84 ug/ml



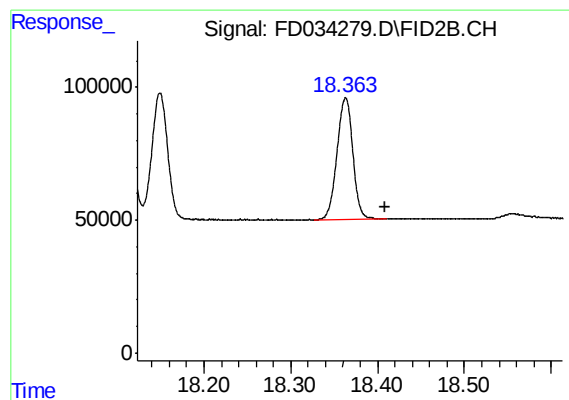
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.149 min
Delta R.T.: 0.003 min
Response: 606128
Conc: 4.98 ug/ml



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

R.T.: 18.149 min
Delta R.T.: -0.036 min
Response: 606128
Conc: 5.12 ug/ml



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

R.T.: 18.363 min
Delta R.T.: -0.045 min
Response: 578001
Conc: 4.84 ug/ml