

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 03 10:50:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:46:58 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	548510	4.535 ug/ml
Spiked Amount 50.000		Recovery =	9.07%
6) S 2-Fluorobiphenyl (SURR)	8.568	389752	4.538 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.08%
11) S ortho-Terphenyl (SURR)	11.608	646990	4.608 ug/ml
Spiked Amount 50.000		Recovery =	9.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	600609	4.596 ug/ml
2) T Naphthalene (C11.7)	6.040	629172	4.547 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	634315	4.545 ug/ml
5) T Acenaphthylene (C15.06)	8.370	634518	4.649 ug/ml
7) T Acenaphthene (C15.5)	8.665	637106	4.583 ug/ml
8) T Fluorene (C16.55)	9.446	628784	4.572 ug/ml
9) T Phenanthrene (C19.36)	10.844	635629	4.577 ug/ml
10) T Anthracene (C19.43)	10.918	628254	4.574 ug/ml
12) T Fluoranthene (C21.85)	12.655	648933	4.617 ug/ml
13) T Pyrene (C20.8)	12.953	638680	4.643 ug/ml
14) T Benzo[a]anthracene (C...	14.822	630161	4.643 ug/ml
15) T Chrysene (C27.41)	14.864	633258	4.678 ug/ml
16) T benzo[b]fluoranthene ...	16.370	621727	4.719 ug/ml
17) T Bnezo[k]fluoranthene ...	16.402	605422	4.711 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	608360	4.704 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.110	575311	4.670 ug/ml
20) T Dibenz[a,h]anthracene...	18.149	602928	4.908 ug/ml
21) T Benzo[g,h,i]perylene ...	18.363	575292	4.696 ug/ml

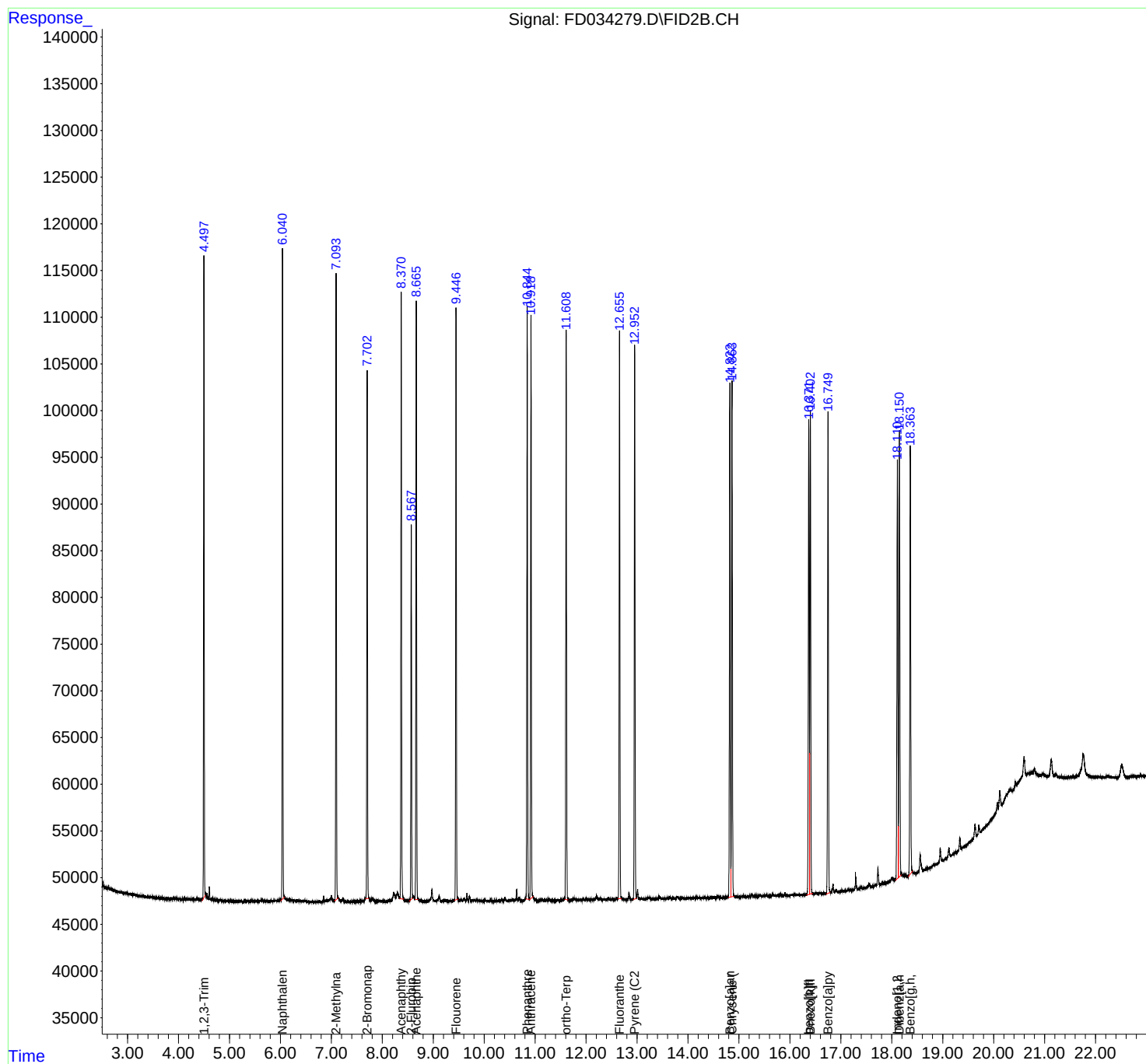
(f)=RT Delta > 1/2 Window

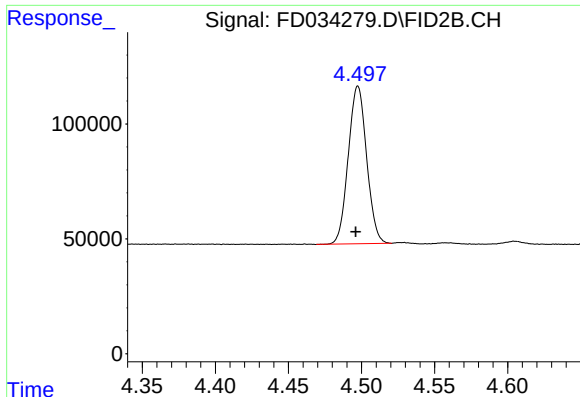
(m)=manual int.

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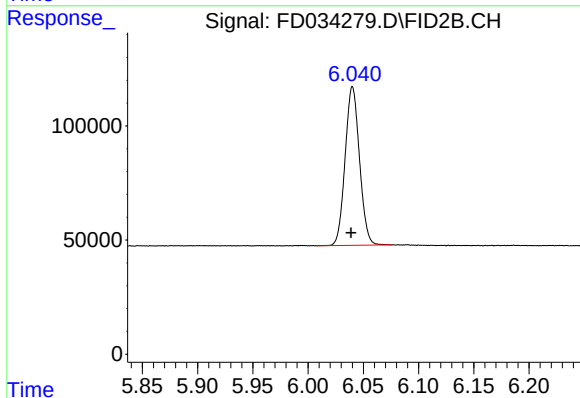
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Signal Info : 20M x 0.18mm x 0.18µm





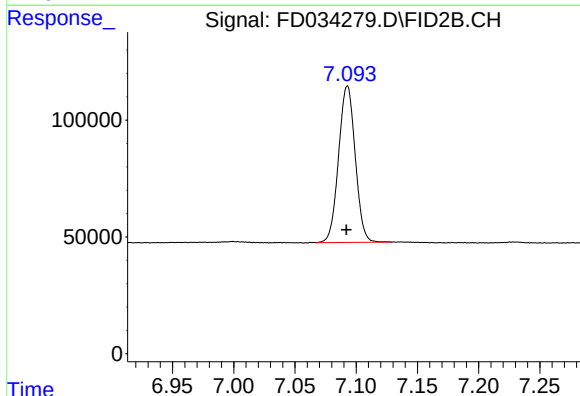
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.498 min
Delta R.T.: 0.002 min
Response: 600609
Conc: 4.60 ug/ml



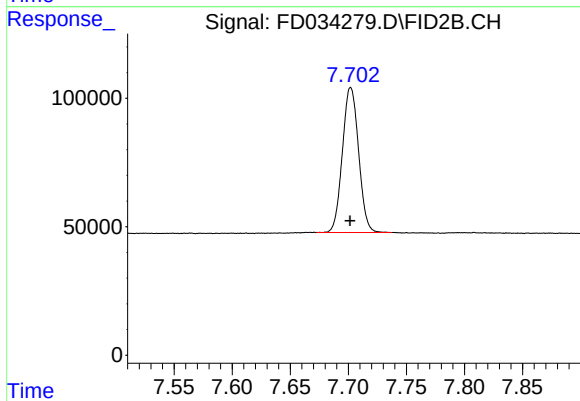
#2 Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: 0.001 min
Response: 629172
Conc: 4.55 ug/ml



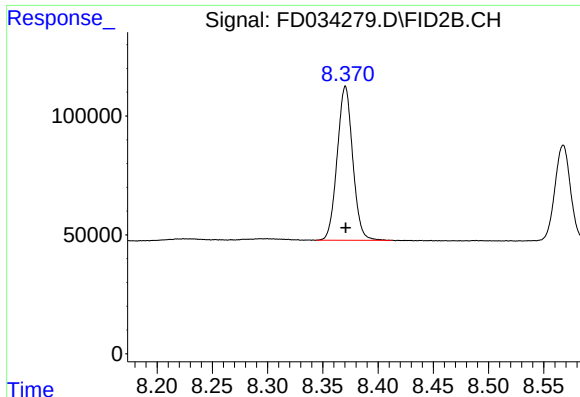
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 634315
Conc: 4.54 ug/ml



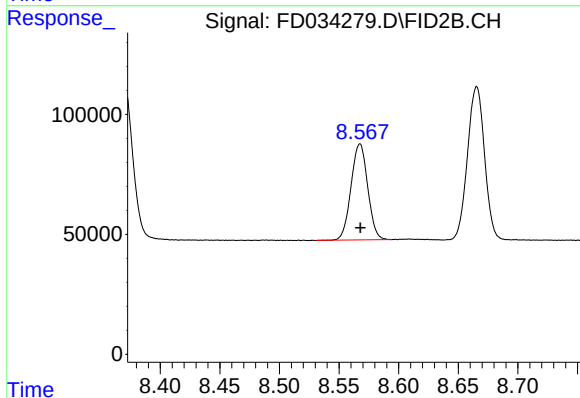
#4 2-Bromonaphthalene (SURR)

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 548510
Conc: 4.54 ug/ml



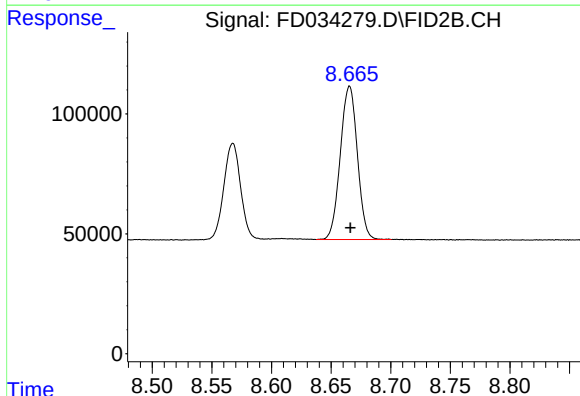
#5 Acenaphthylene (C15.06)

R.T.: 8.370 min
Delta R.T.: 0.000 min
Response: 634518
Conc: 4.65 ug/ml



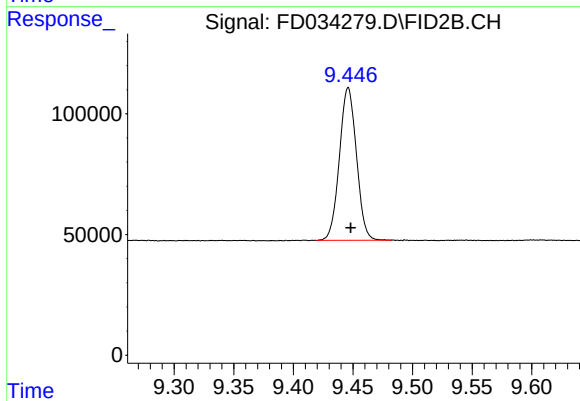
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 389752
Conc: 4.54 ug/ml



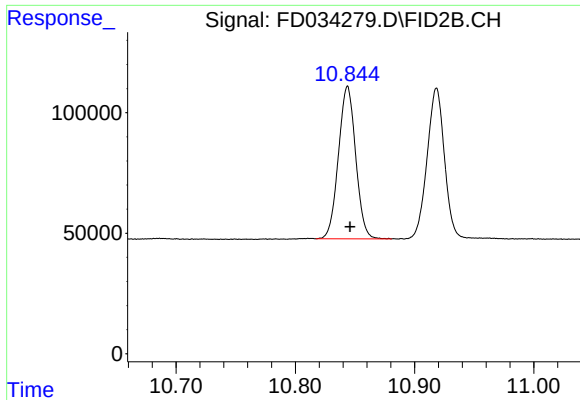
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 637106
Conc: 4.58 ug/ml



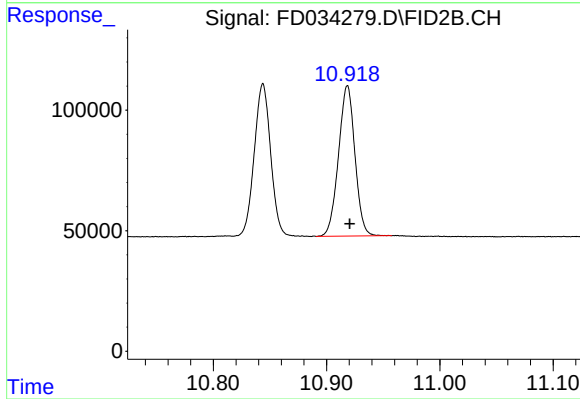
#8 Flouorene (C16.55)

R.T.: 9.446 min
Delta R.T.: -0.002 min
Response: 628784
Conc: 4.57 ug/ml



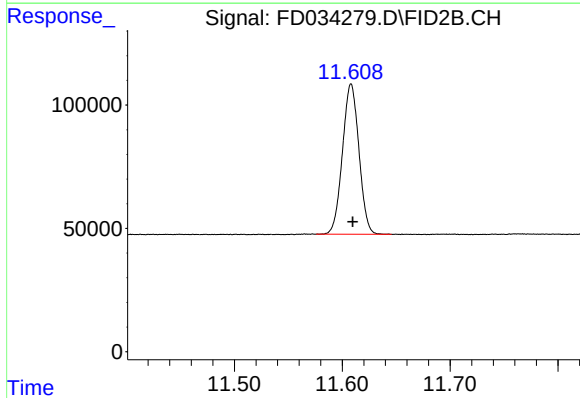
#9 Phenanthrene (C19.36)

R.T.: 10.844 min
Delta R.T.: -0.002 min
Response: 635629
Conc: 4.58 ug/ml



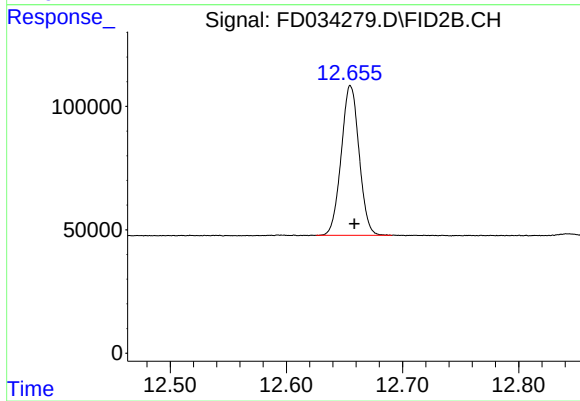
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: -0.002 min
Response: 628254
Conc: 4.57 ug/ml



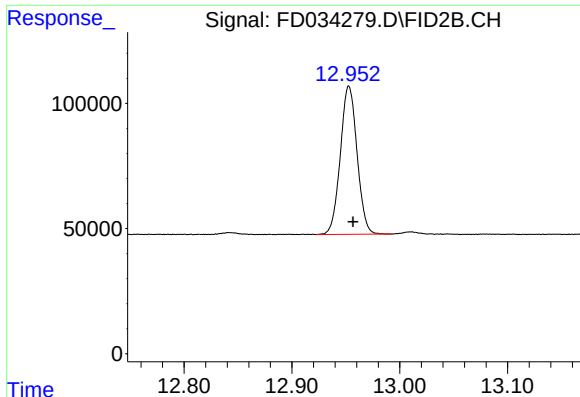
#11 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: -0.001 min
Response: 646990
Conc: 4.61 ug/ml



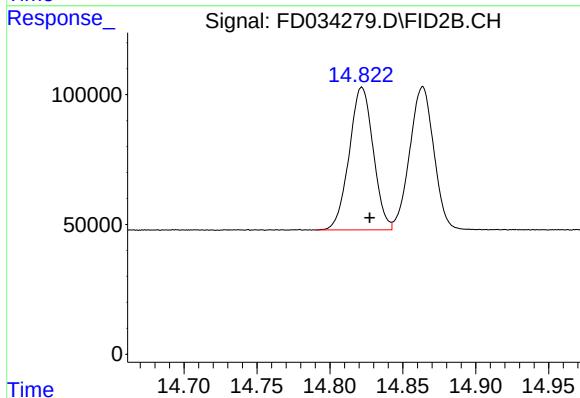
#12 Fluoranthene (C21.85)

R.T.: 12.655 min
Delta R.T.: -0.003 min
Response: 648933
Conc: 4.62 ug/ml



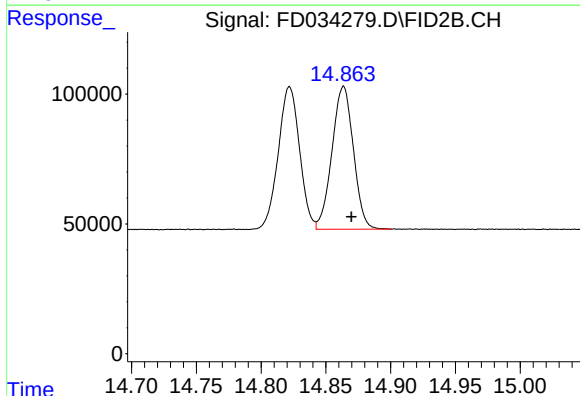
#13 Pyrene (C20.8)

R.T.: 12.953 min
Delta R.T.: -0.004 min
Response: 638680
Conc: 4.64 ug/ml



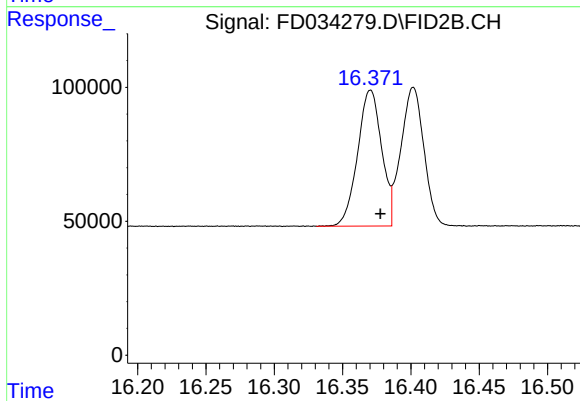
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: -0.005 min
Response: 630161
Conc: 4.64 ug/ml



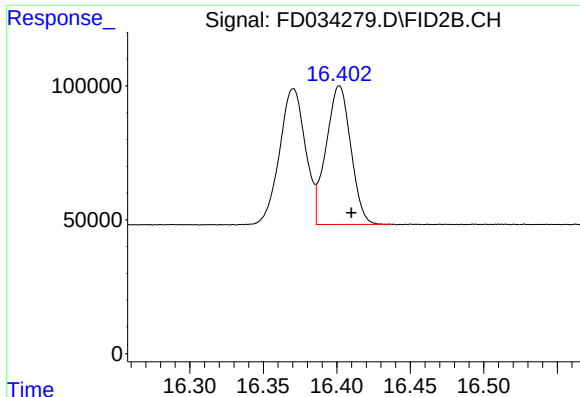
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: -0.006 min
Response: 633258
Conc: 4.68 ug/ml



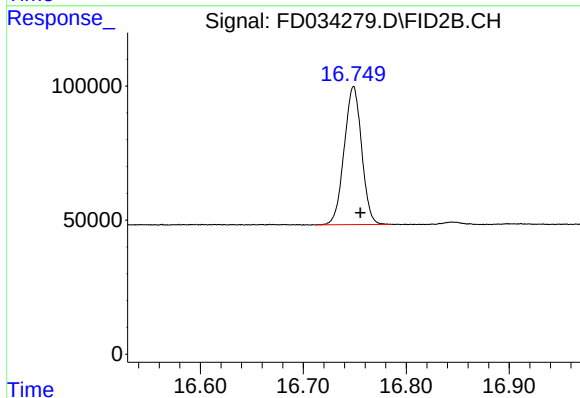
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.370 min
Delta R.T.: -0.007 min
Response: 621727
Conc: 4.72 ug/ml



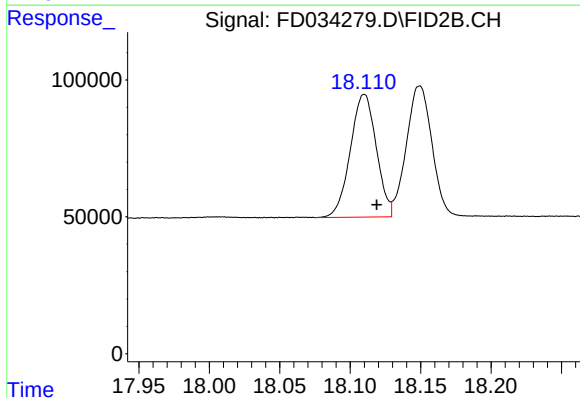
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.402 min
Delta R.T.: -0.008 min
Response: 605422
Conc: 4.71 ug/ml



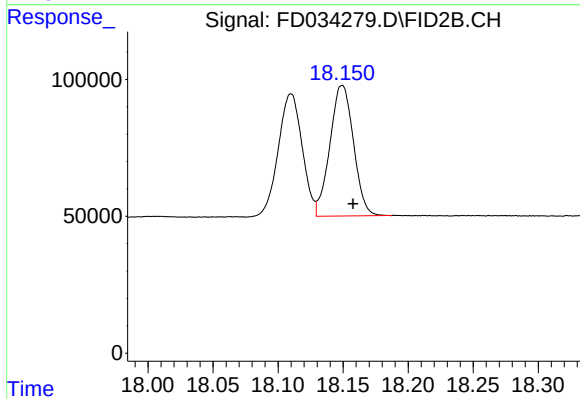
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: -0.007 min
Response: 608360
Conc: 4.70 ug/ml



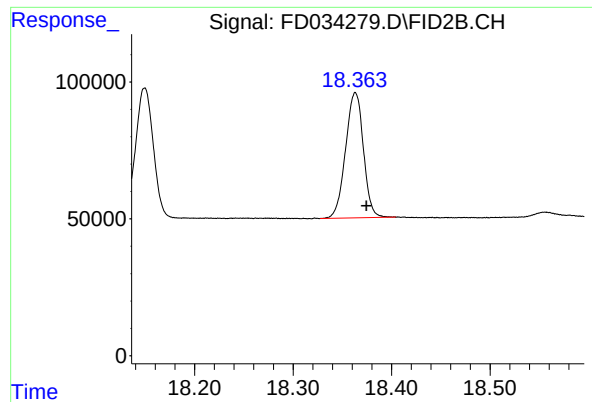
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.110 min
Delta R.T.: -0.009 min
Response: 575311
Conc: 4.67 ug/ml



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

R.T.: 18.149 min
Delta R.T.: -0.008 min
Response: 602928
Conc: 4.91 ug/ml



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

R.T.: 18.363 min
Delta R.T.: -0.011 min
Response: 575292
Conc: 4.70 ug/ml