

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AR\
 Data File : FD042779.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 16:12
 Operator : UA/NP
 Sample : N1645-08
 Misc : 5 PPM LOQ WATER
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 07 02:04:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.666	7486444	48.992 ug/ml
Spiked Amount 50.000		Recovery =	97.98%
6) S 2-Fluorobiphenyl (SURR)	8.531	5013962	48.752 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.50%
11) S ortho-Terphenyl (SURR)	11.581	7494213	42.216 ug/ml
Spiked Amount 50.000		Recovery =	84.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.455	720713	4.305 ug/ml
2) T Naphthalene (C11.7)	5.998	833373	4.820 ug/ml
3) T 2-Methylnaphthalene (...)	7.051	819339	5.138 ug/ml
5) T Acenaphthylene (C15.06)	8.330	781822	4.525 ug/ml
7) T Acenaphthene (C15.5)	8.626	820420	4.768 ug/ml
8) T Fluorene (C16.55)	9.407	799180	4.760 ug/ml
9) T Phenanthrene (C19.36)	10.806	781707	4.754 ug/ml
10) T Anthracene (C19.43)	10.880	737206	4.823 ug/ml
12) T Fluoranthene (C21.85)	12.620	760700	4.828 ug/ml
13) T Pyrene (C20.8)	12.918	746661	4.796 ug/ml
14) T Benzo[a]anthracene (C...	14.791	683989	5.130 ug/ml
15) T Chrysene (C27.41)	14.832	766106	5.799 ug/ml
16) T benzo[b]fluoranthene ...	16.341	689632	5.177 ug/ml
17) T Bnezo[k]fluoranthene ...	16.372	688820	5.561 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.719	618396	4.996 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.083	624682	5.604 ug/ml
20) T Dibenz[a,h]anthracene...	18.126	706056	6.347 ug/ml
21) T Benzo[g,h,i]perylene ...	18.337	681557	5.734 ug/ml

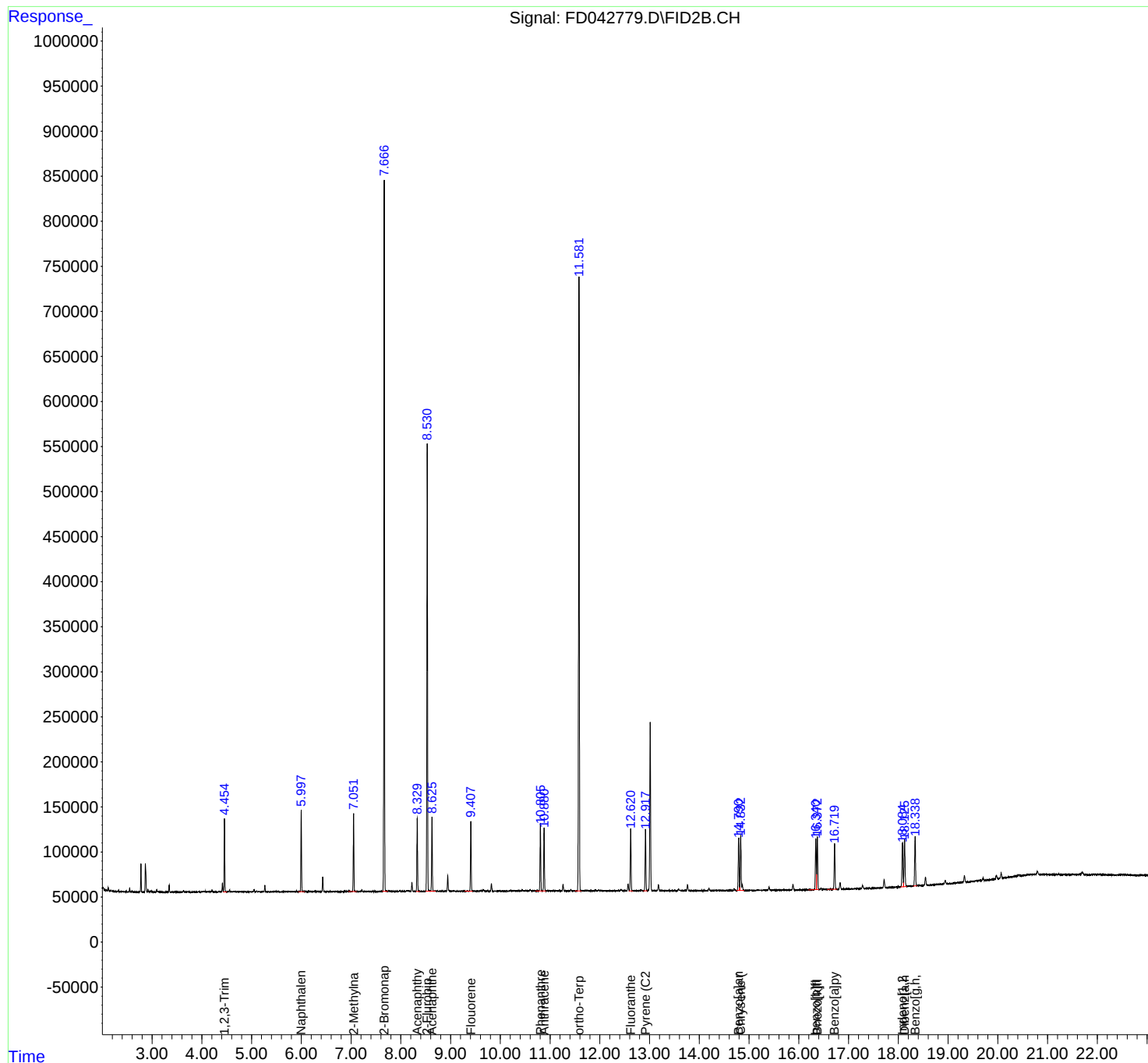
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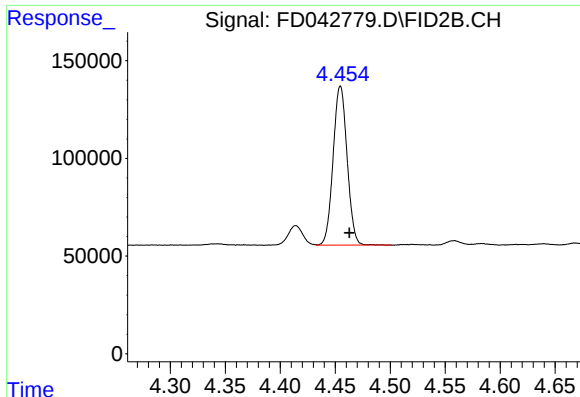
(m)=manual int.

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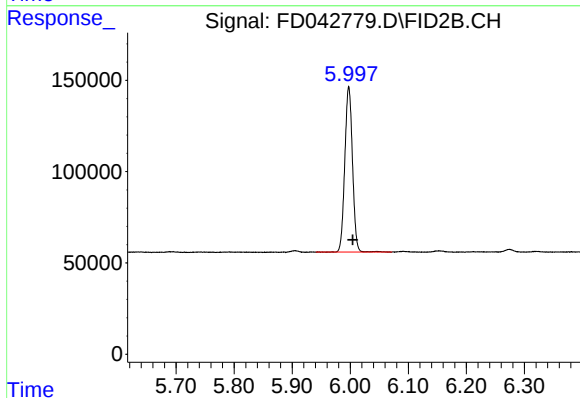
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Signal Info : 20M x 0.18mm x 0.18µm





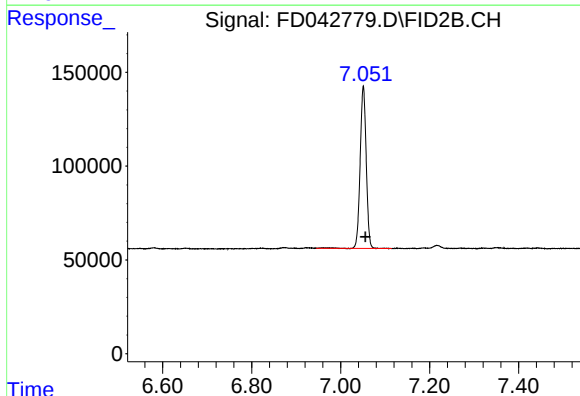
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.455 min
Delta R.T.: -0.008 min
Response: 720713
Conc: 4.30 ug/ml



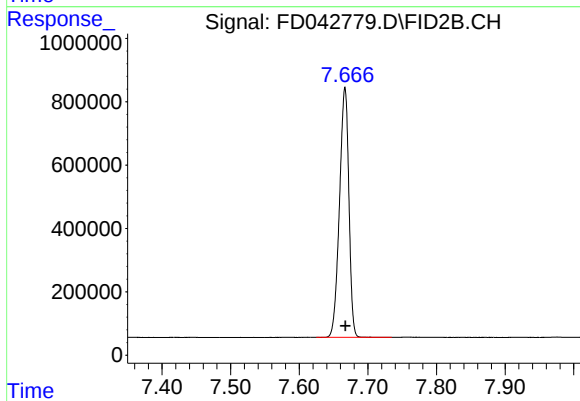
#2 Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.006 min
Response: 833373
Conc: 4.82 ug/ml



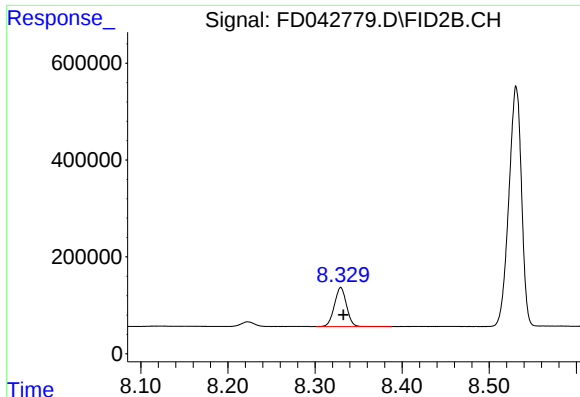
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 819339
Conc: 5.14 ug/ml



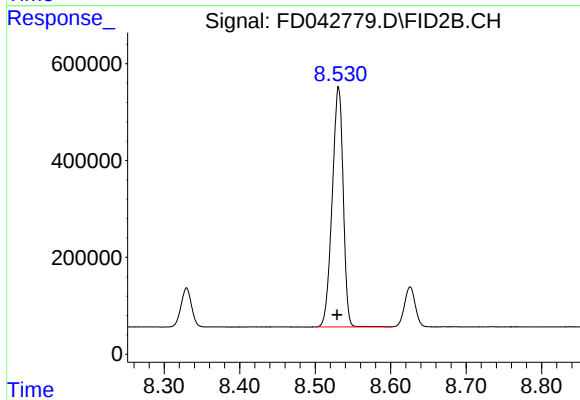
#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 7486444
Conc: 48.99 ug/ml



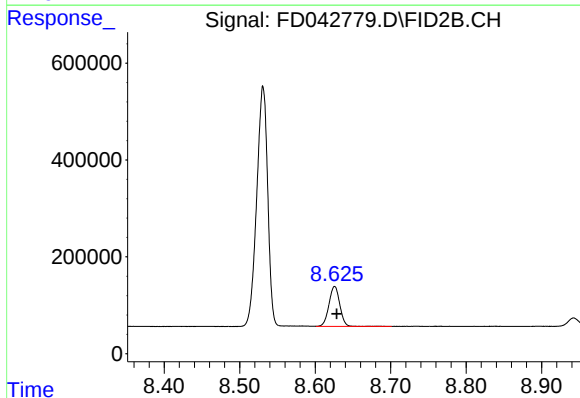
#5 Acenaphthylene (C15.06)

R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 781822
Conc: 4.53 ug/ml



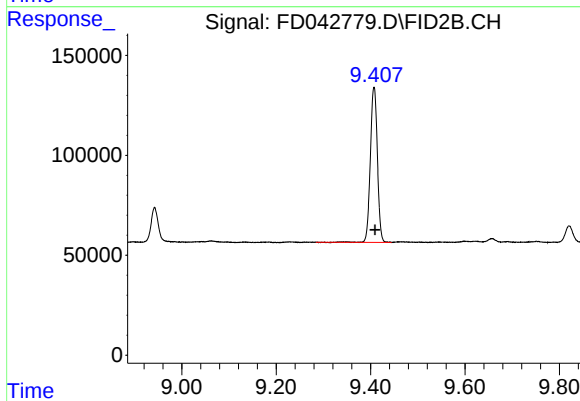
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.531 min
Delta R.T.: 0.002 min
Response: 5013962
Conc: 48.75 ug/ml



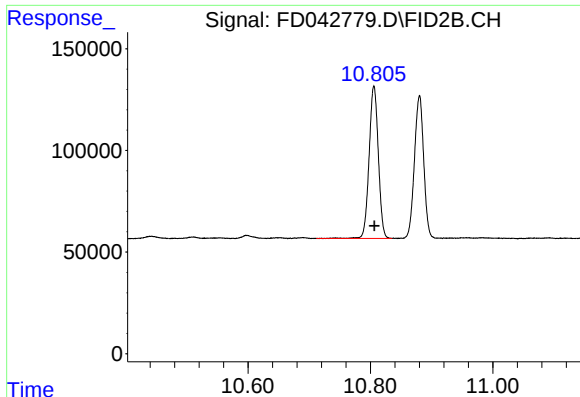
#7 Acenaphthene (C15.5)

R.T.: 8.626 min
Delta R.T.: -0.003 min
Response: 820420
Conc: 4.77 ug/ml



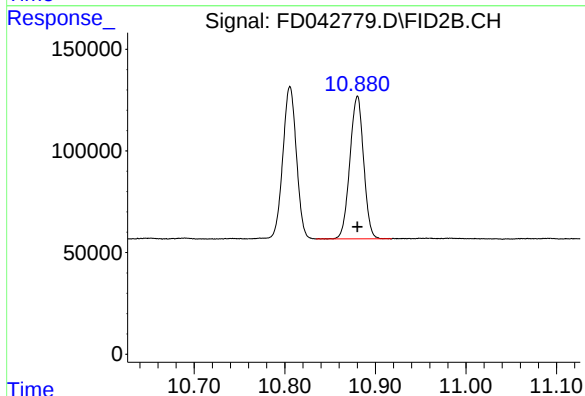
#8 Flouorene (C16.55)

R.T.: 9.407 min
Delta R.T.: -0.002 min
Response: 799180
Conc: 4.76 ug/ml



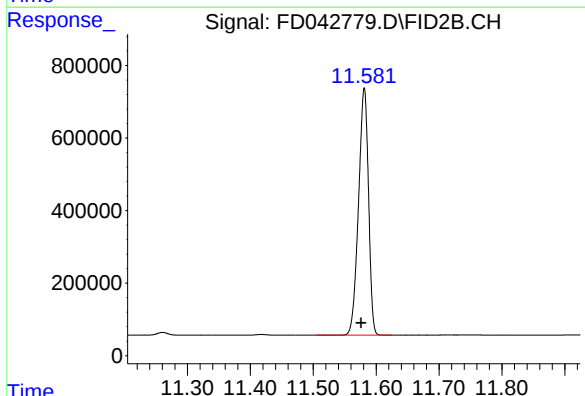
#9 Phenanthrene (C19.36)

R.T.: 10.806 min
Delta R.T.: 0.000 min
Response: 781707
Conc: 4.75 ug/ml



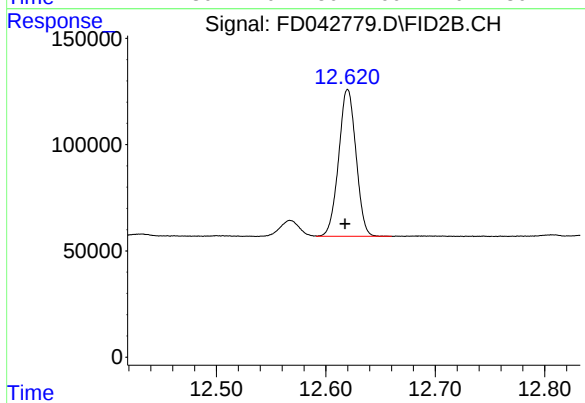
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: 0.000 min
Response: 737206
Conc: 4.82 ug/ml



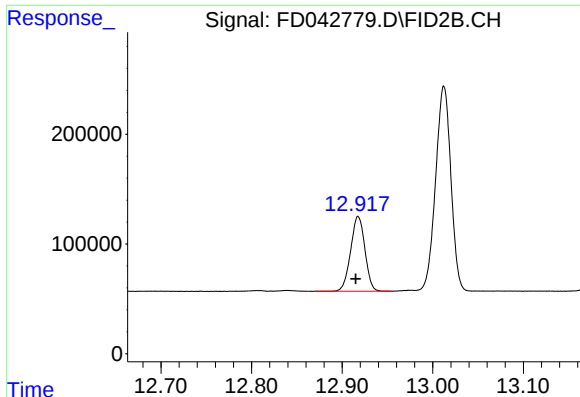
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: 0.005 min
Response: 7494213
Conc: 42.22 ug/ml



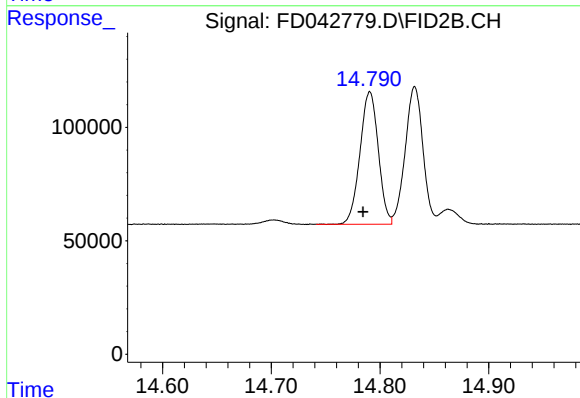
#12 Fluoranthene (C21.85)

R.T.: 12.620 min
Delta R.T.: 0.003 min
Response: 760700
Conc: 4.83 ug/ml



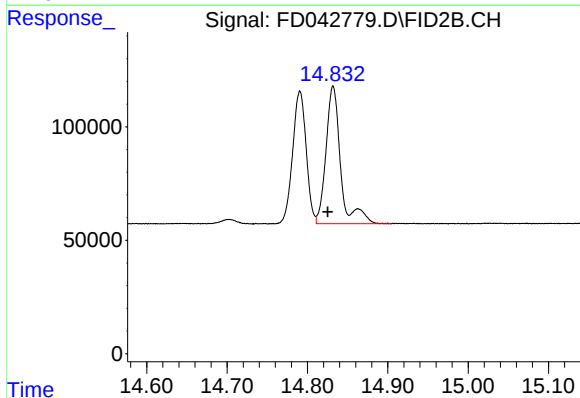
#13 Pyrene (C20.8)

R.T.: 12.918 min
Delta R.T.: 0.003 min
Response: 746661
Conc: 4.80 ug/ml



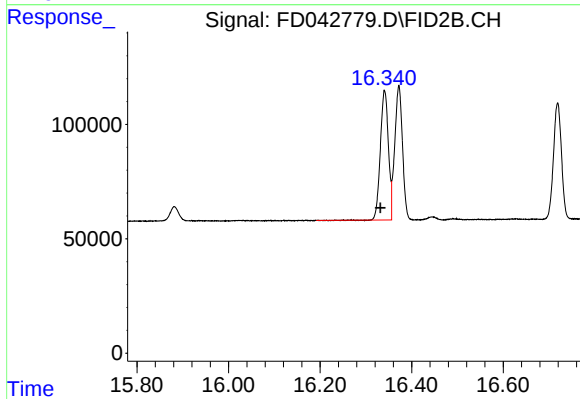
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.791 min
Delta R.T.: 0.006 min
Response: 683989
Conc: 5.13 ug/ml



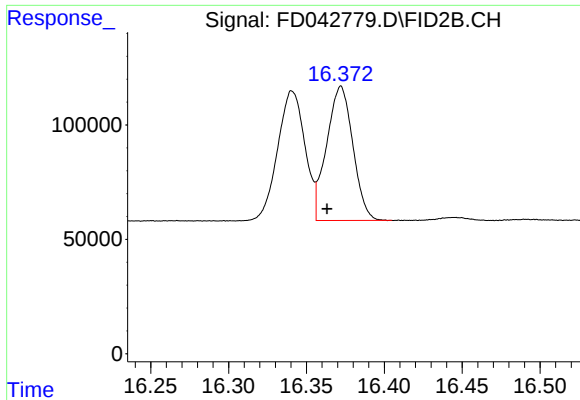
#15 Chrysene (C27.41)

R.T.: 14.832 min
Delta R.T.: 0.007 min
Response: 766106
Conc: 5.80 ug/ml



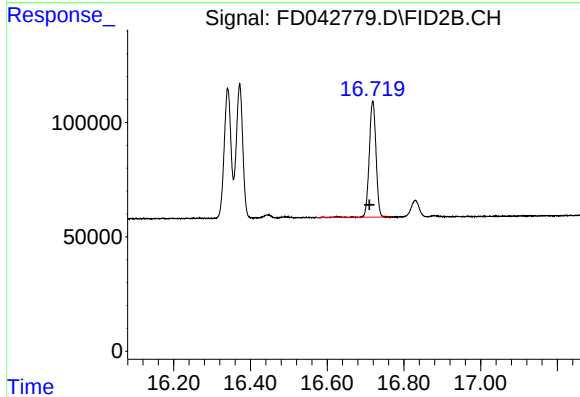
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.341 min
Delta R.T.: 0.009 min
Response: 689632
Conc: 5.18 ug/ml



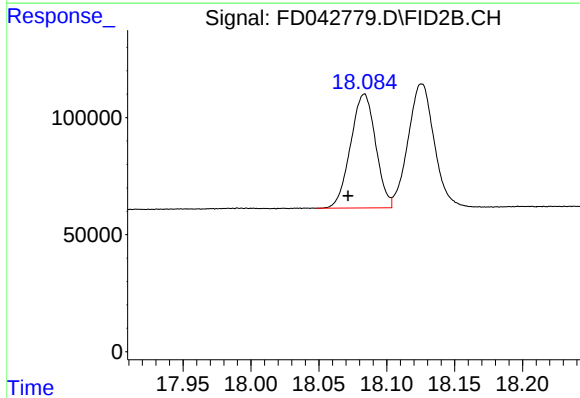
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.372 min
Delta R.T.: 0.009 min
Response: 688820
Conc: 5.56 ug/ml



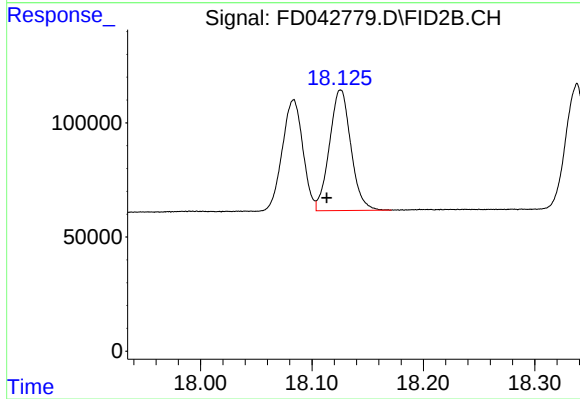
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.719 min
Delta R.T.: 0.009 min
Response: 618396
Conc: 5.00 ug/ml



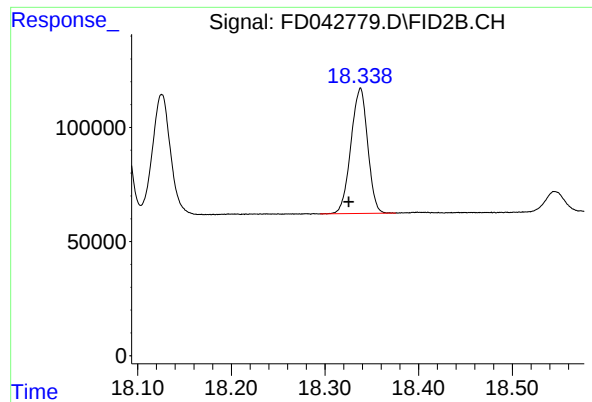
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.083 min
Delta R.T.: 0.012 min
Response: 624682
Conc: 5.60 ug/ml



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

R.T.: 18.126 min
Delta R.T.: 0.012 min
Response: 706056
Conc: 6.35 ug/ml



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

R.T.: 18.337 min
Delta R.T.: 0.012 min
Response: 681557
Conc: 5.73 ug/ml