

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040621AR\
 Data File : FD036729.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2021 9:40
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 07 02:20:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 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...	7.588	2806182	19.953 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
6) S 2-Fluorobiphenyl (SURR)	8.447	1811481	19.298 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.60%
11) S ortho-Terphenyl (SURR)	11.487	2892672	18.940 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	3016643	20.580 ug/ml
2) T Naphthalene (C11.7)	5.925	3178104	20.222 ug/ml
3) T 2-Methylnaphthalene (...)	6.977	3140794	19.984 ug/ml
5) T Acenaphthylene (C15.06)	8.251	2942720	19.639 ug/ml
7) T Acenaphthene (C15.5)	8.547	3051200	19.655 ug/ml
8) T Flouorene (C16.55)	9.326	2882228	19.144 ug/ml
9) T Phenanthrene (C19.36)	10.720	2717612	18.541 ug/ml
10) T Anthracene (C19.43)	10.793	2492627	17.218 ug/ml
12) T Fluoranthene (C21.85)	12.528	2515987	17.921 ug/ml
13) T Pyrene (C20.8)	12.824	2448370	17.845 ug/ml
14) T Benzo[a]anthracene (C...	14.692	2097792	17.664 ug/ml
15) T Chrysene (C27.41)	14.734	2158778	17.851 ug/ml
16) T benzo[b]fluoranthene ...	16.240	2110885	19.237 ug/ml
17) T Bnezo[k]fluoranthene ...	16.271	2050744	19.292 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.616	1960030	19.667 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	2083591	20.728 ug/ml
20) T Dibenz[a,h]anthracene...	18.019	2056936	20.399 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	2149374	21.213 ug/ml

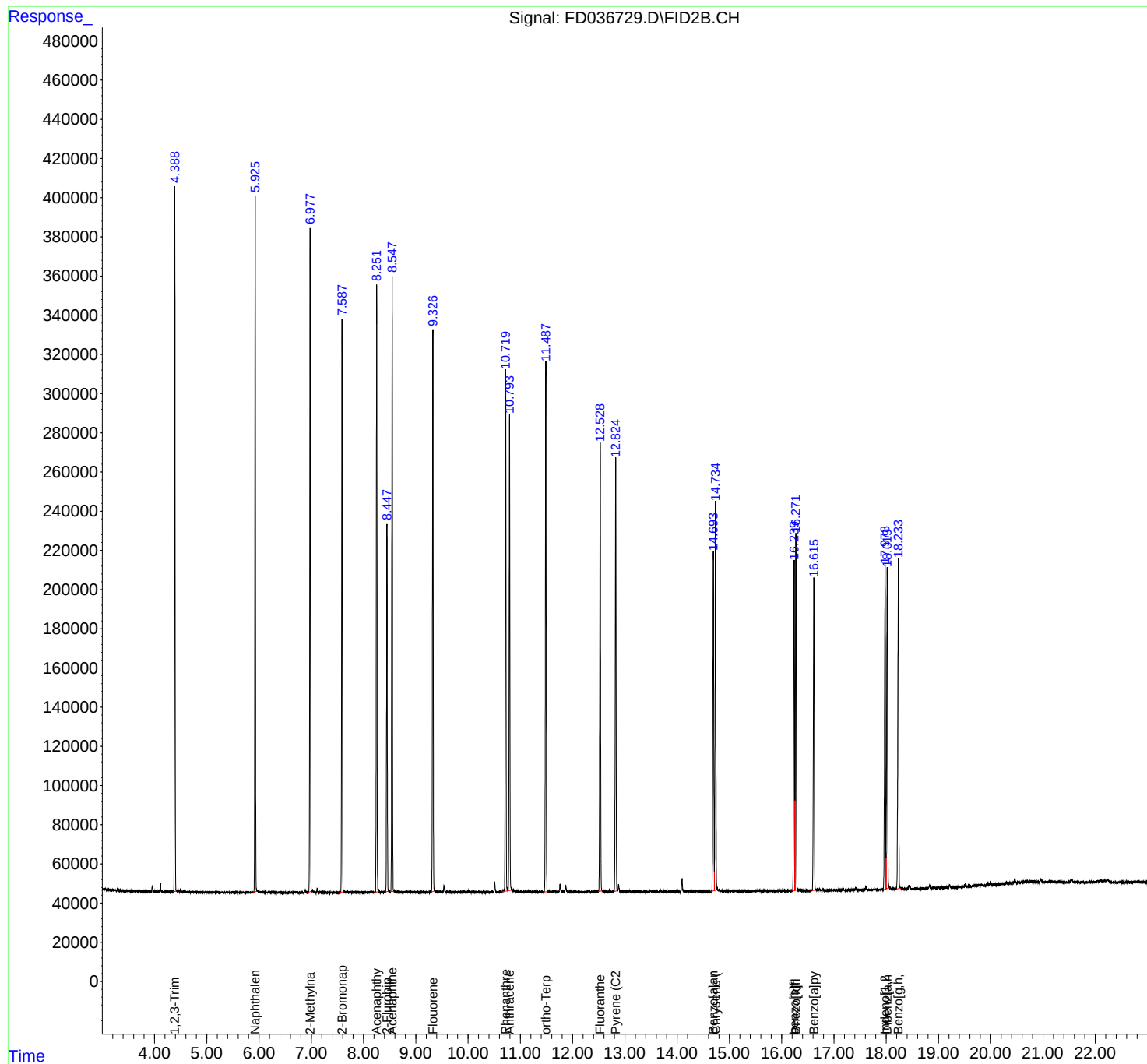
(f)=RT Delta > 1/2 Window

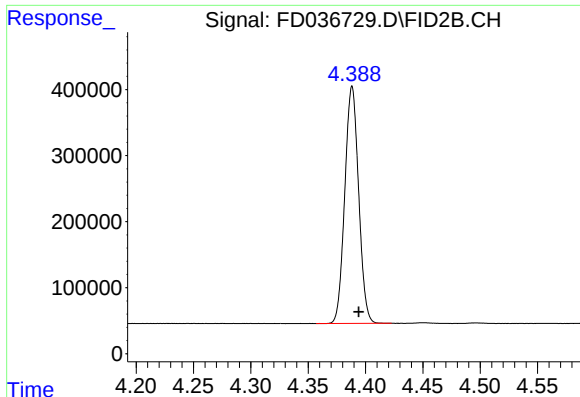
(m)=manual int.

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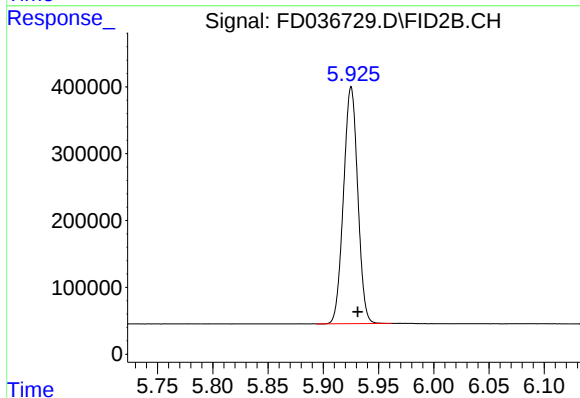
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Signal Info : 20M x 0.18mm x 0.18µm





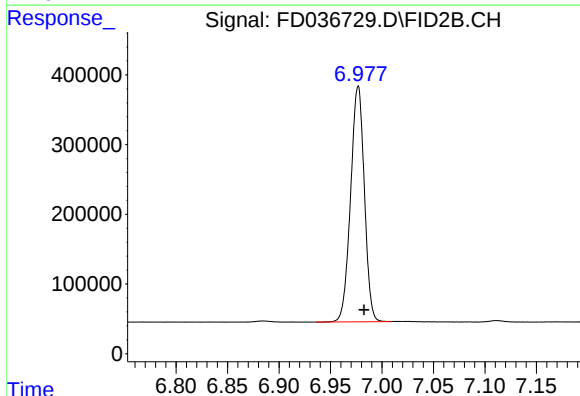
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.388 min
Delta R.T.: -0.006 min
Response: 3016643
Conc: 20.58 ug/ml



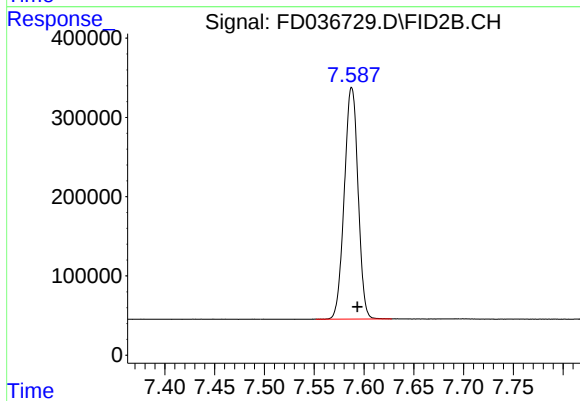
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 3178104
Conc: 20.22 ug/ml



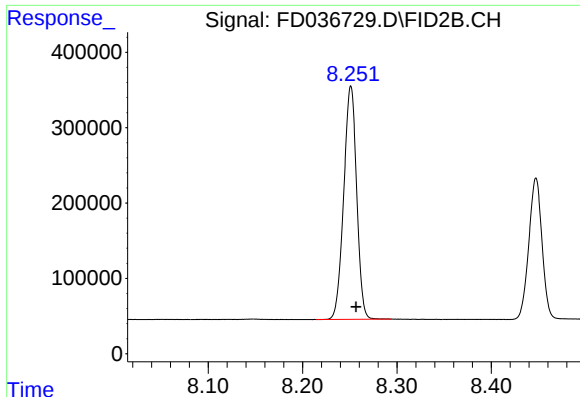
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.005 min
Response: 3140794
Conc: 19.98 ug/ml



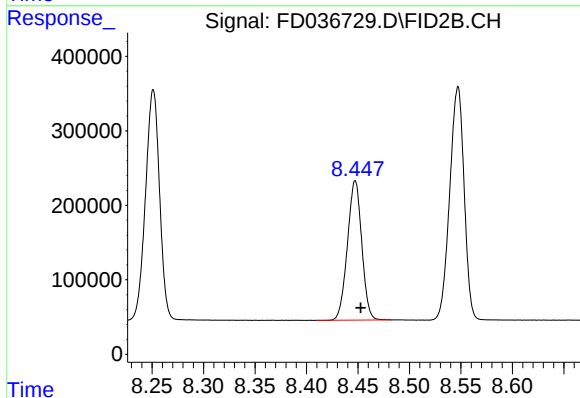
#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.006 min
Response: 2806182
Conc: 19.95 ug/ml



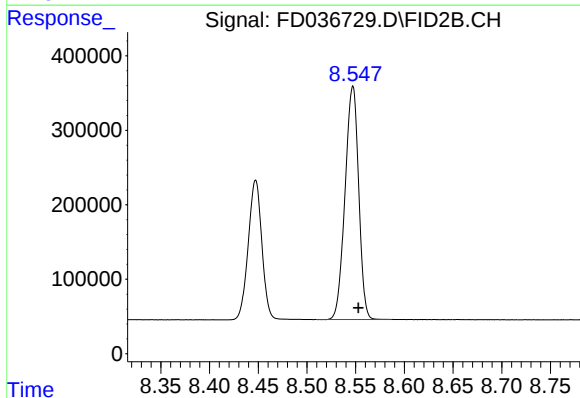
#5 Acenaphthylene (C15.06)

R.T.: 8.251 min
Delta R.T.: -0.005 min
Response: 2942720
Conc: 19.64 ug/ml



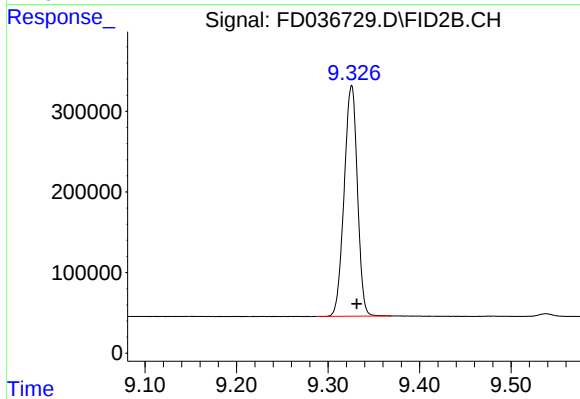
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.447 min
Delta R.T.: -0.005 min
Response: 1811481
Conc: 19.30 ug/ml



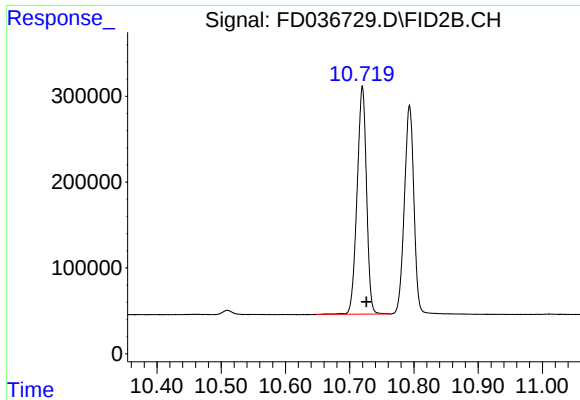
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: -0.005 min
Response: 3051200
Conc: 19.66 ug/ml



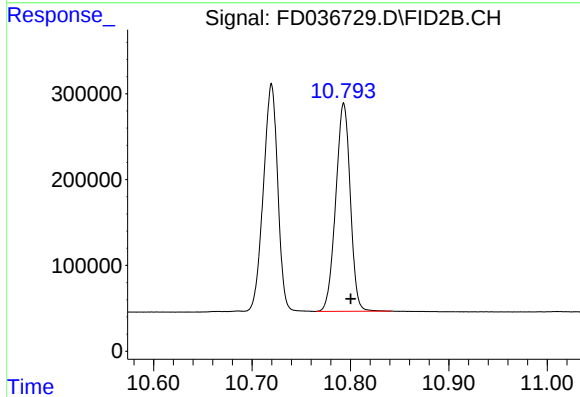
#8 Fluorene (C16.55)

R.T.: 9.326 min
Delta R.T.: -0.005 min
Response: 2882228
Conc: 19.14 ug/ml



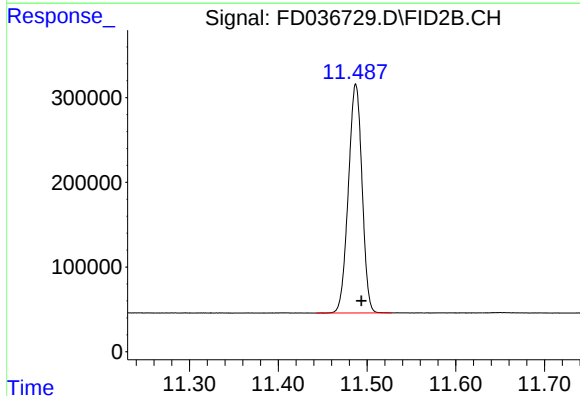
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: -0.006 min
Response: 2717612
Conc: 18.54 ug/ml



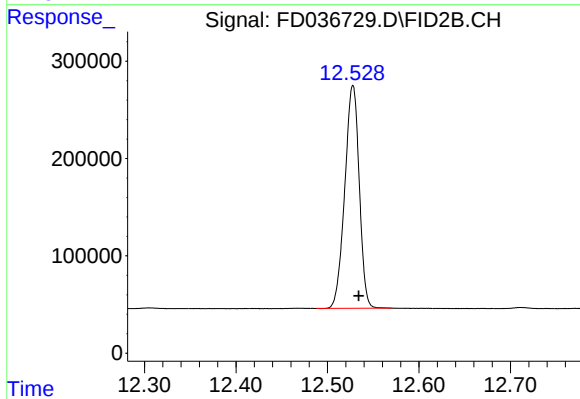
#10 Anthracene (C19.43)

R.T.: 10.793 min
Delta R.T.: -0.007 min
Response: 2492627
Conc: 17.22 ug/ml



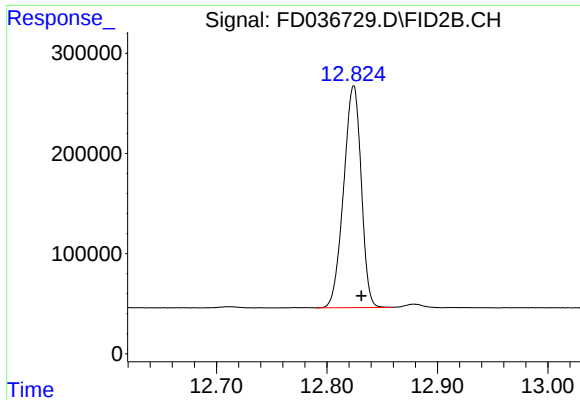
#11 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.007 min
Response: 2892672
Conc: 18.94 ug/ml



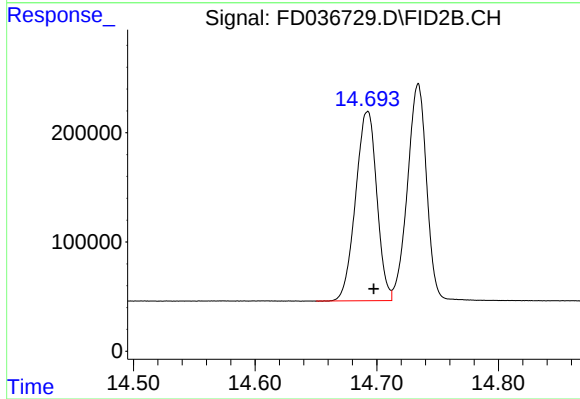
#12 Fluoranthene (C21.85)

R.T.: 12.528 min
Delta R.T.: -0.006 min
Response: 2515987
Conc: 17.92 ug/ml



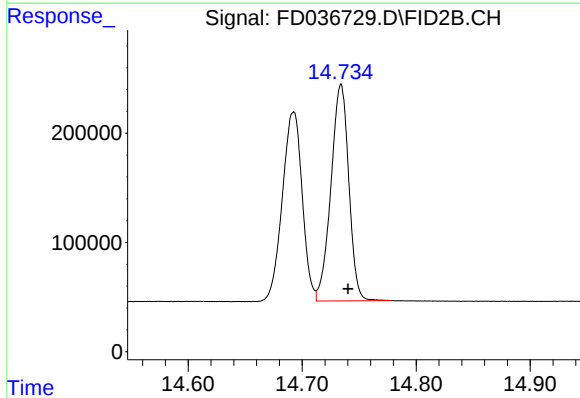
#13 Pyrene (C20.8)

R.T.: 12.824 min
Delta R.T.: -0.007 min
Response: 2448370
Conc: 17.84 ug/ml



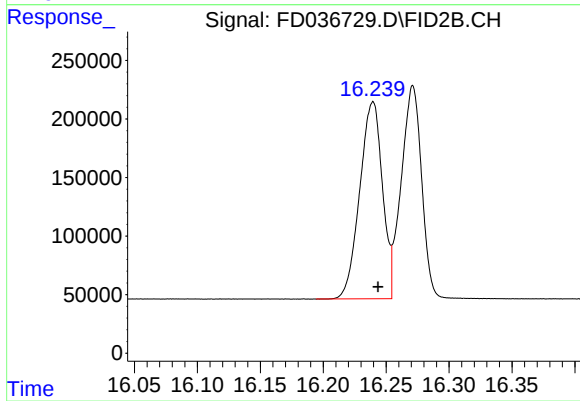
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: -0.005 min
Response: 2097792
Conc: 17.66 ug/ml



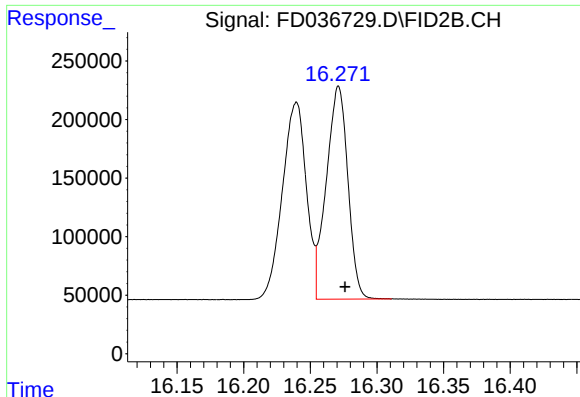
#15 Chrysene (C27.41)

R.T.: 14.734 min
Delta R.T.: -0.006 min
Response: 2158778
Conc: 17.85 ug/ml



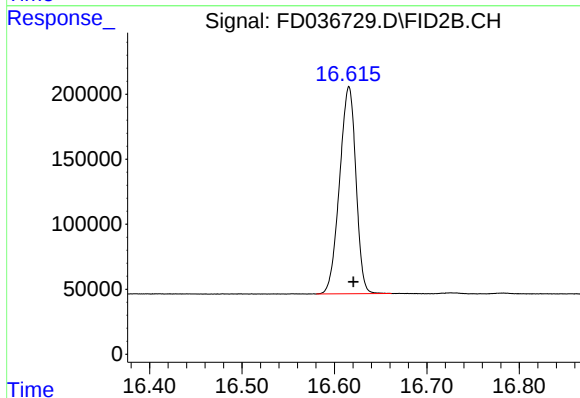
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.240 min
Delta R.T.: -0.004 min
Response: 2110885
Conc: 19.24 ug/ml



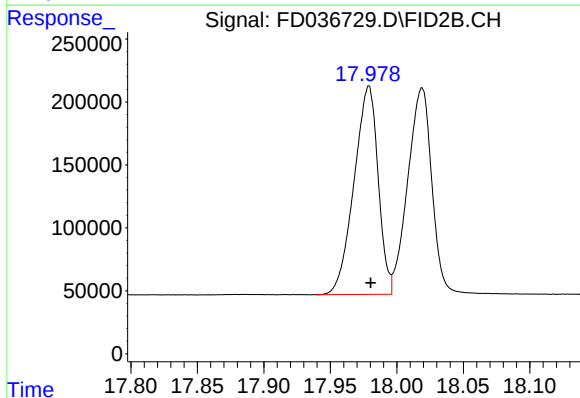
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 2050744
Conc: 19.29 ug/ml



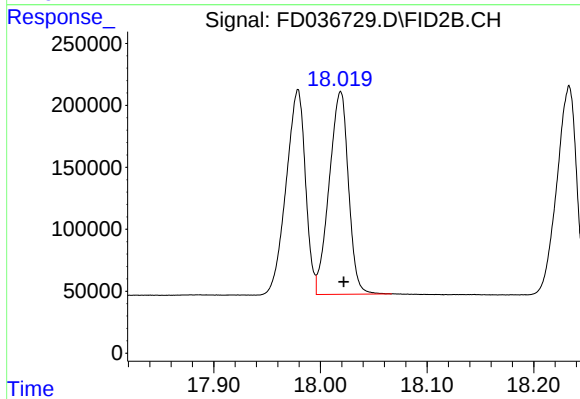
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.616 min
Delta R.T.: -0.005 min
Response: 1960030
Conc: 19.67 ug/ml



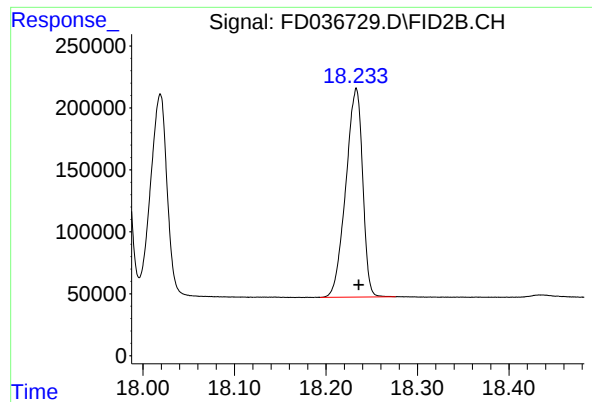
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.979 min
Delta R.T.: -0.002 min
Response: 2083591
Conc: 20.73 ug/ml



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

R.T.: 18.019 min
Delta R.T.: -0.003 min
Response: 2056936
Conc: 20.40 ug/ml



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

R.T.: 18.233 min
Delta R.T.: -0.003 min
Response: 2149374
Conc: 21.21 ug/ml