

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091321AR\
 Data File : FD038796.D
 Signal(s) : FID2B.CH
 Acq On : 13 Sep 2021 15:08
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 13 15:54:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083121.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 01 10:30:07 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...	7.764	2492887	18.642 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
6) S 2-Fluorobiphenyl (SURR)	8.632	1690281	18.328 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.66%
11) S ortho-Terphenyl (SURR)	11.678	2633666	18.153 ug/ml
Spiked Amount 50.000		Recovery =	36.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	2782835	19.004 ug/ml
2) T Naphthalene (C11.7)	6.101	2901378	18.790 ug/ml
3) T 2-Methylnaphthalene (...)	7.155	2825943	18.656 ug/ml
5) T Acenaphthylene (C15.06)	8.435	2688698	18.271 ug/ml
7) T Acenaphthene (C15.5)	8.732	2789205	18.430 ug/ml
8) T Fluorene (C16.55)	9.514	2675678	18.220 ug/ml
9) T Phenanthrene (C19.36)	10.914	2539228	17.830 ug/ml
10) T Anthracene (C19.43)	10.989	2301839	16.801 ug/ml
12) T Fluoranthene (C21.85)	12.730	2406048	17.480 ug/ml
13) T Pyrene (C20.8)	13.029	2371062	17.411 ug/ml
14) T Benzo[a]anthracene (C...	14.901	2149201	17.485 ug/ml
15) T Chrysene (C27.41)	14.943	2207731	17.499 ug/ml
16) T benzo[b]fluoranthene ...	16.453	2187132	18.581 ug/ml
17) T Bnezo[k]fluoranthene ...	16.485	2113185	18.650 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.832	2045436	18.928 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.197	2126409	19.647 ug/ml
20) T Dibenz[a,h]anthracene...	18.235	2185121	19.761 ug/ml
21) T Benzo[g,h,i]perylene ...	18.452	2149599	19.936 ug/ml

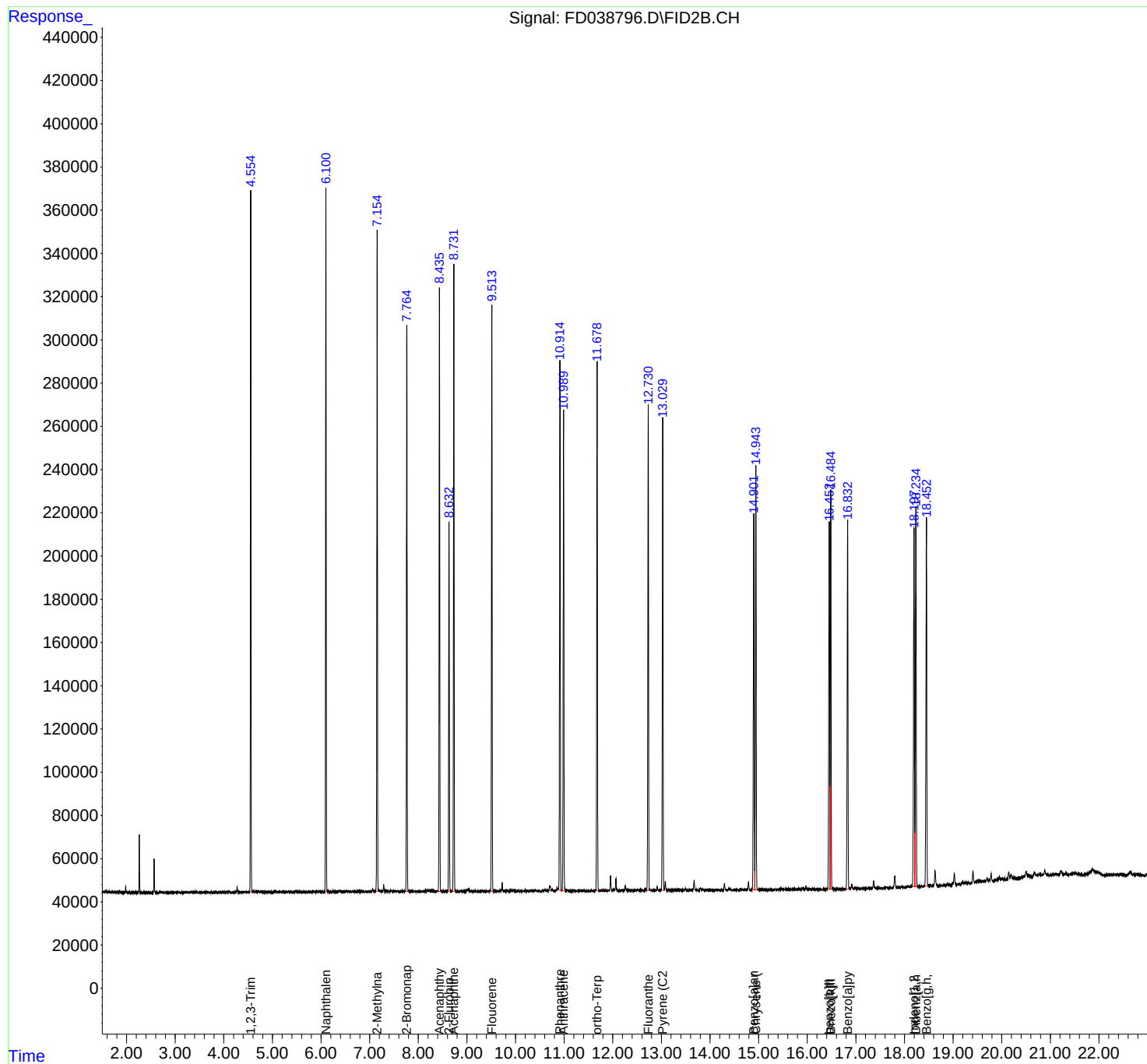
(f)=RT Delta > 1/2 Window

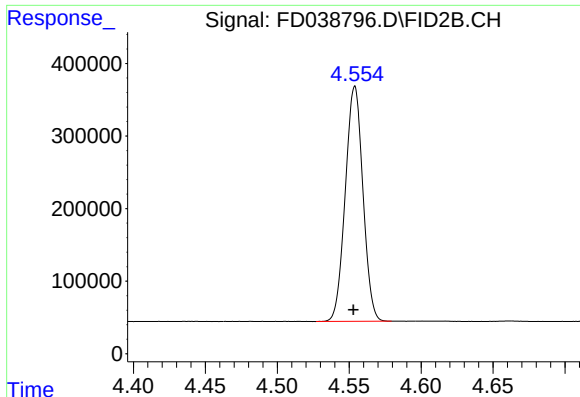
(m)=manual int.

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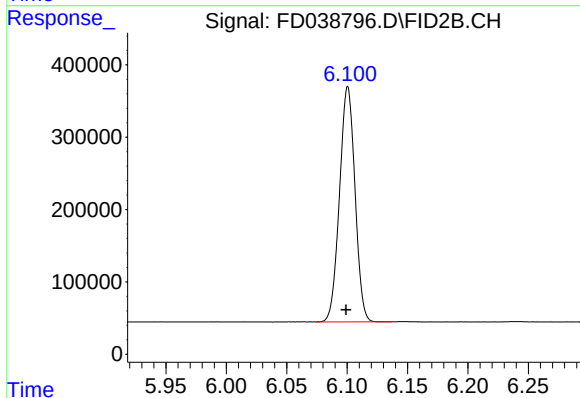
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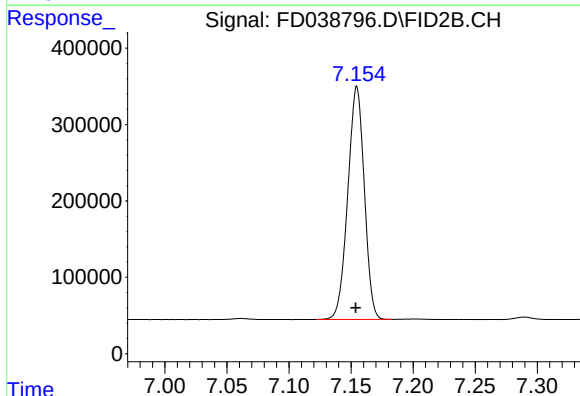
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.554 min
Delta R.T.: 0.001 min
Response: 2782835
Conc: 19.00 ug/ml



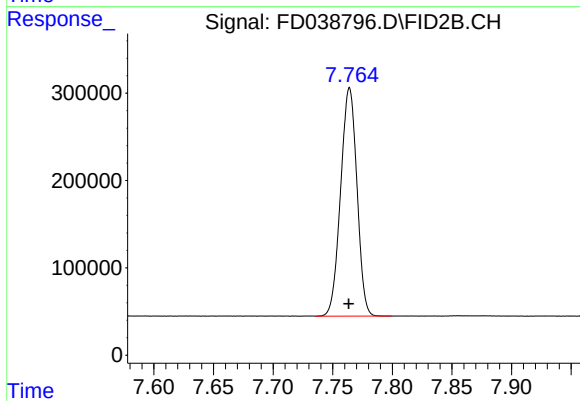
#2 Naphthalene (C11.7)

R.T.: 6.101 min
Delta R.T.: 0.001 min
Response: 2901378
Conc: 18.79 ug/ml



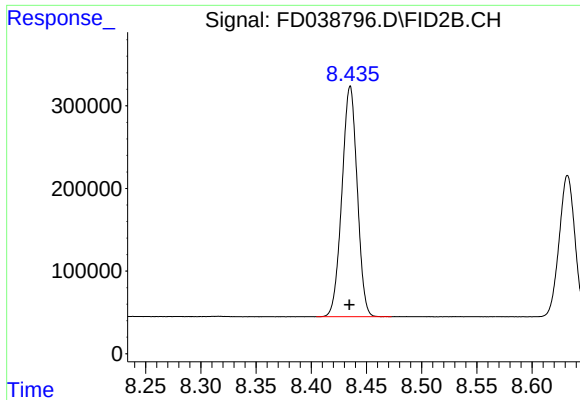
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 2825943
Conc: 18.66 ug/ml



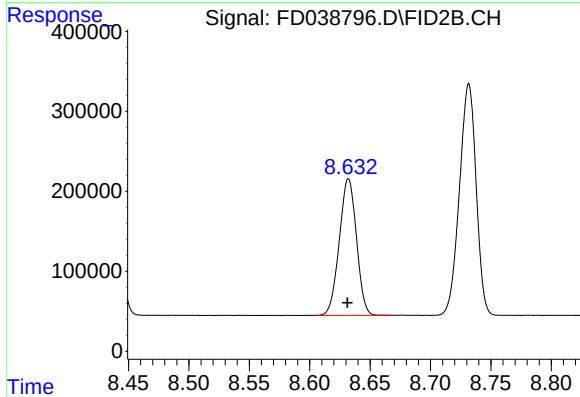
#4 2-Bromonaphthalene (SURR)

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 2492887
Conc: 18.64 ug/ml



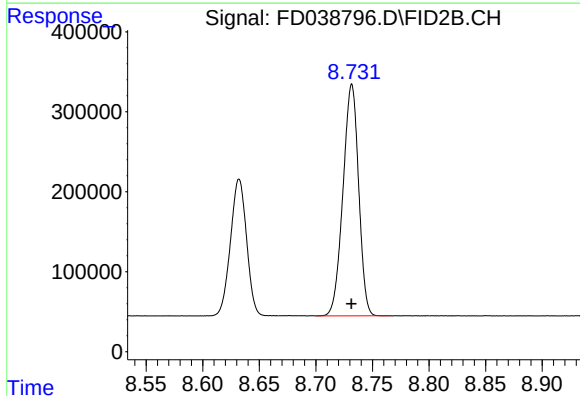
#5 Acenaphthylene (C15.06)

R.T.: 8.435 min
Delta R.T.: 0.000 min
Response: 2688698
Conc: 18.27 ug/ml



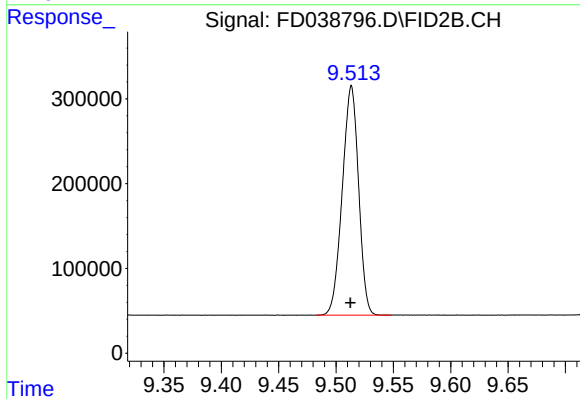
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.632 min
Delta R.T.: 0.000 min
Response: 1690281
Conc: 18.33 ug/ml



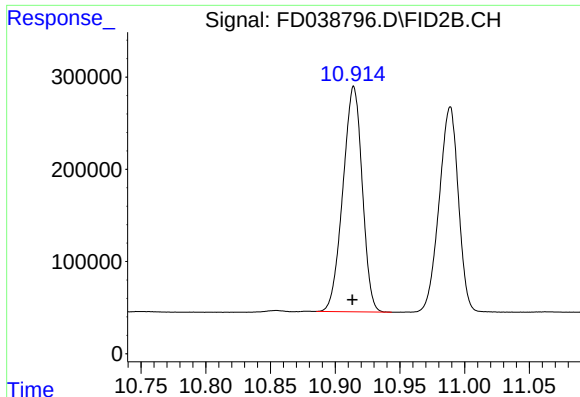
#7 Acenaphthene (C15.5)

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 2789205
Conc: 18.43 ug/ml



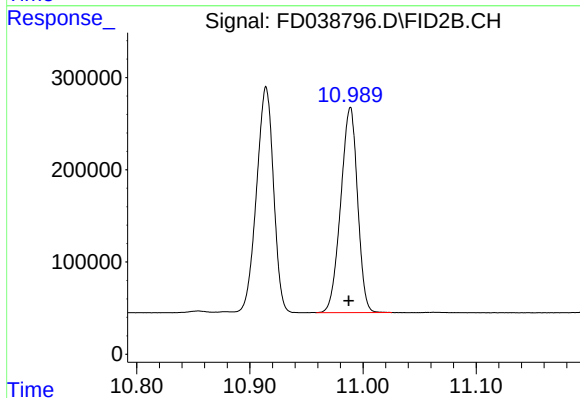
#8 Fluorene (C16.55)

R.T.: 9.514 min
Delta R.T.: 0.000 min
Response: 2675678
Conc: 18.22 ug/ml



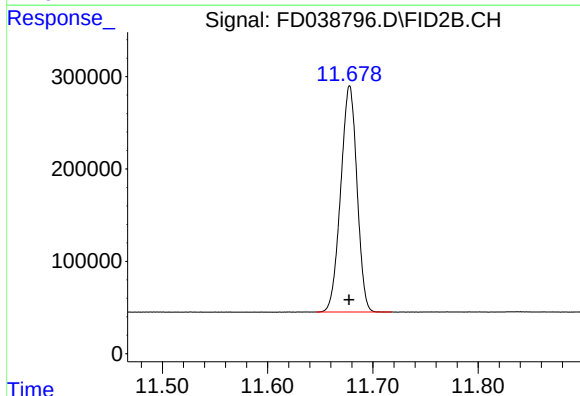
#9 Phenanthrene (C19.36)

R.T.: 10.914 min
Delta R.T.: 0.001 min
Response: 2539228
Conc: 17.83 ug/ml



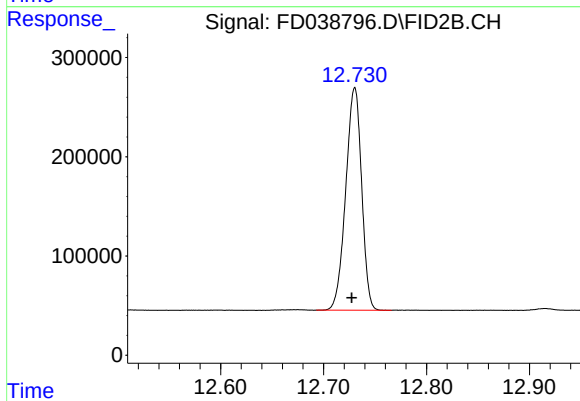
#10 Anthracene (C19.43)

R.T.: 10.989 min
Delta R.T.: 0.002 min
Response: 2301839
Conc: 16.80 ug/ml



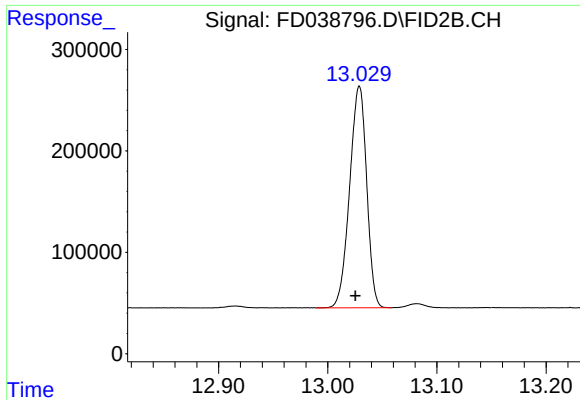
#11 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 2633666
Conc: 18.15 ug/ml



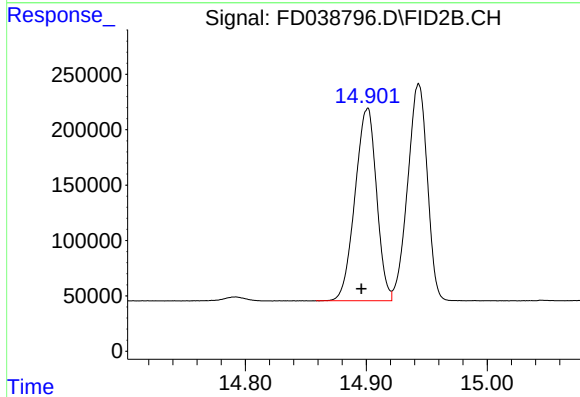
#12 Fluoranthene (C21.85)

R.T.: 12.730 min
Delta R.T.: 0.003 min
Response: 2406048
Conc: 17.48 ug/ml



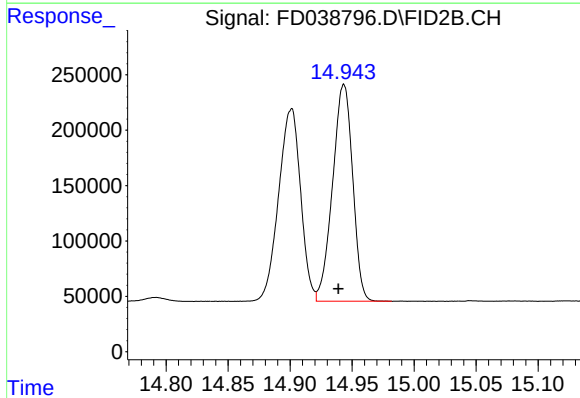
#13 Pyrene (C20.8)

R.T.: 13.029 min
Delta R.T.: 0.004 min
Response: 2371062
Conc: 17.41 ug/ml



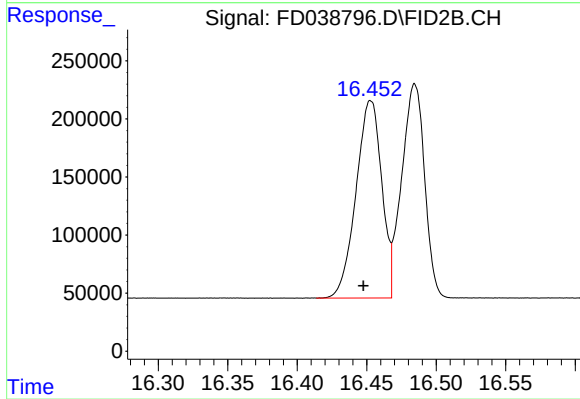
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.901 min
Delta R.T.: 0.005 min
Response: 2149201
Conc: 17.48 ug/ml



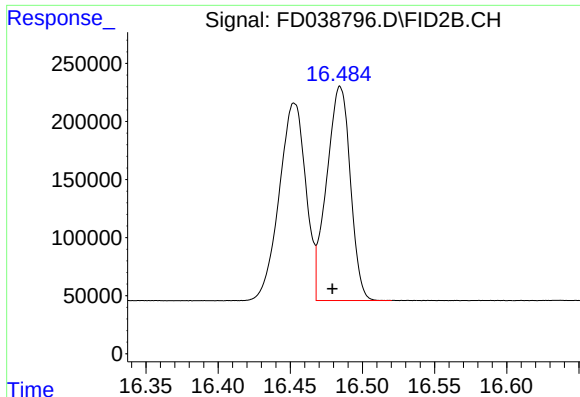
#15 Chrysene (C27.41)

R.T.: 14.943 min
Delta R.T.: 0.004 min
Response: 2207731
Conc: 17.50 ug/ml



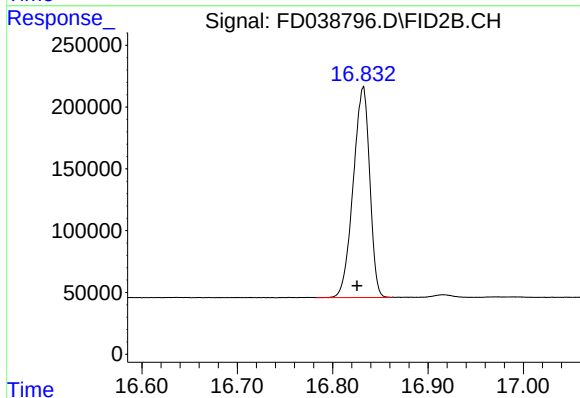
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.453 min
Delta R.T.: 0.005 min
Response: 2187132
Conc: 18.58 ug/ml



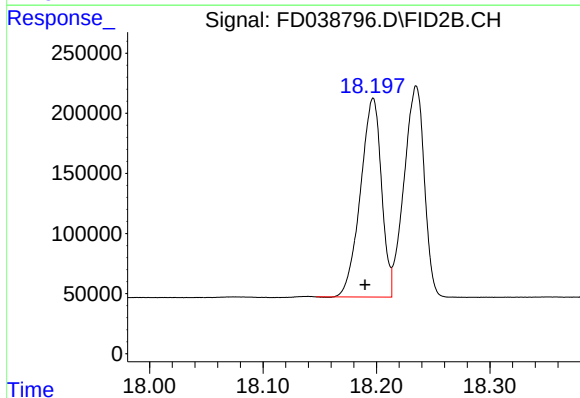
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.485 min
Delta R.T.: 0.005 min
Response: 2113185
Conc: 18.65 ug/ml



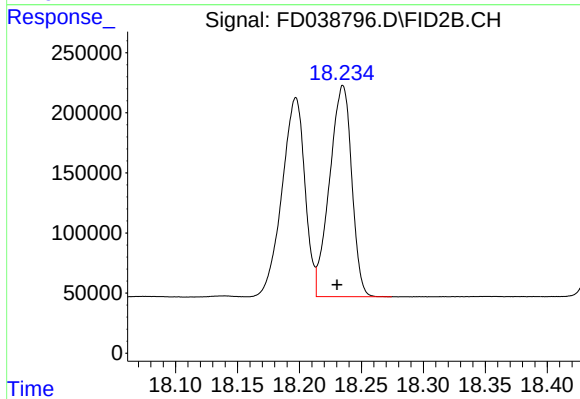
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.832 min
Delta R.T.: 0.006 min
Response: 2045436
Conc: 18.93 ug/ml



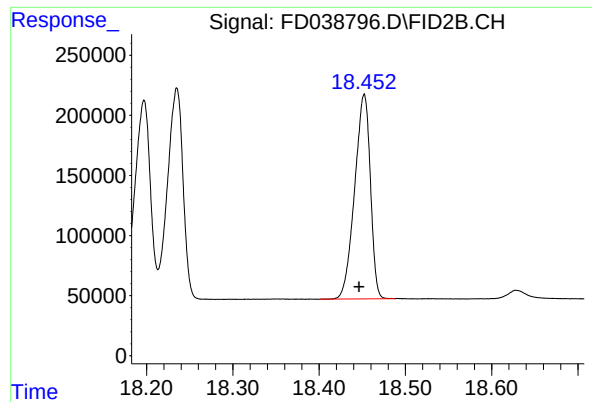
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.197 min
Delta R.T.: 0.007 min
Response: 2126409
Conc: 19.65 ug/ml



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

R.T.: 18.235 min
Delta R.T.: 0.005 min
Response: 2185121
Conc: 19.76 ug/ml



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

R.T.: 18.452 min
Delta R.T.: 0.006 min
Response: 2149599
Conc: 19.94 ug/ml