

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111521AR\
 Data File : FD039448.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2021 14:37
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 16 02:00:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 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...	7.750	2333716	20.114 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
6) S 2-Fluorobiphenyl (SURR)	8.619	1497746	18.682 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.36%
11) S ortho-Terphenyl (SURR)	11.662	2444852	19.168 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	2676139	21.744 ug/ml
2) T Naphthalene (C11.7)	6.086	2674225	20.633 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	2664416	20.062 ug/ml
5) T Acenaphthylene (C15.06)	8.421	2459143	19.925 ug/ml
7) T Acenaphthene (C15.5)	8.717	2593823	19.885 ug/ml
8) T Fluorene (C16.55)	9.500	2426428	18.739 ug/ml
9) T Phenanthrene (C19.36)	10.901	2316130	17.935 ug/ml
10) T Anthracene (C19.43)	10.975	2190990	17.126 ug/ml
12) T Fluoranthene (C21.85)	12.716	2221514	17.051 ug/ml
13) T Pyrene (C20.8)	13.015	2145403	16.965 ug/ml
14) T Benzo[a]anthracene (C...	14.888	1970808	16.662 ug/ml
15) T Chrysene (C27.41)	14.931	2111681	16.788 ug/ml
16) T benzo[b]fluoranthene ...	16.442	2070259	17.645 ug/ml
17) T Bnezo[k]fluoranthene ...	16.474	2125871	18.065 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.822	2026467	17.804 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.189	2000010	18.682 ug/ml
20) T Dibenz[a,h]anthracene...	18.225	2015712	18.906 ug/ml
21) T Benzo[g,h,i]perylene ...	18.444	2059975	19.520 ug/ml

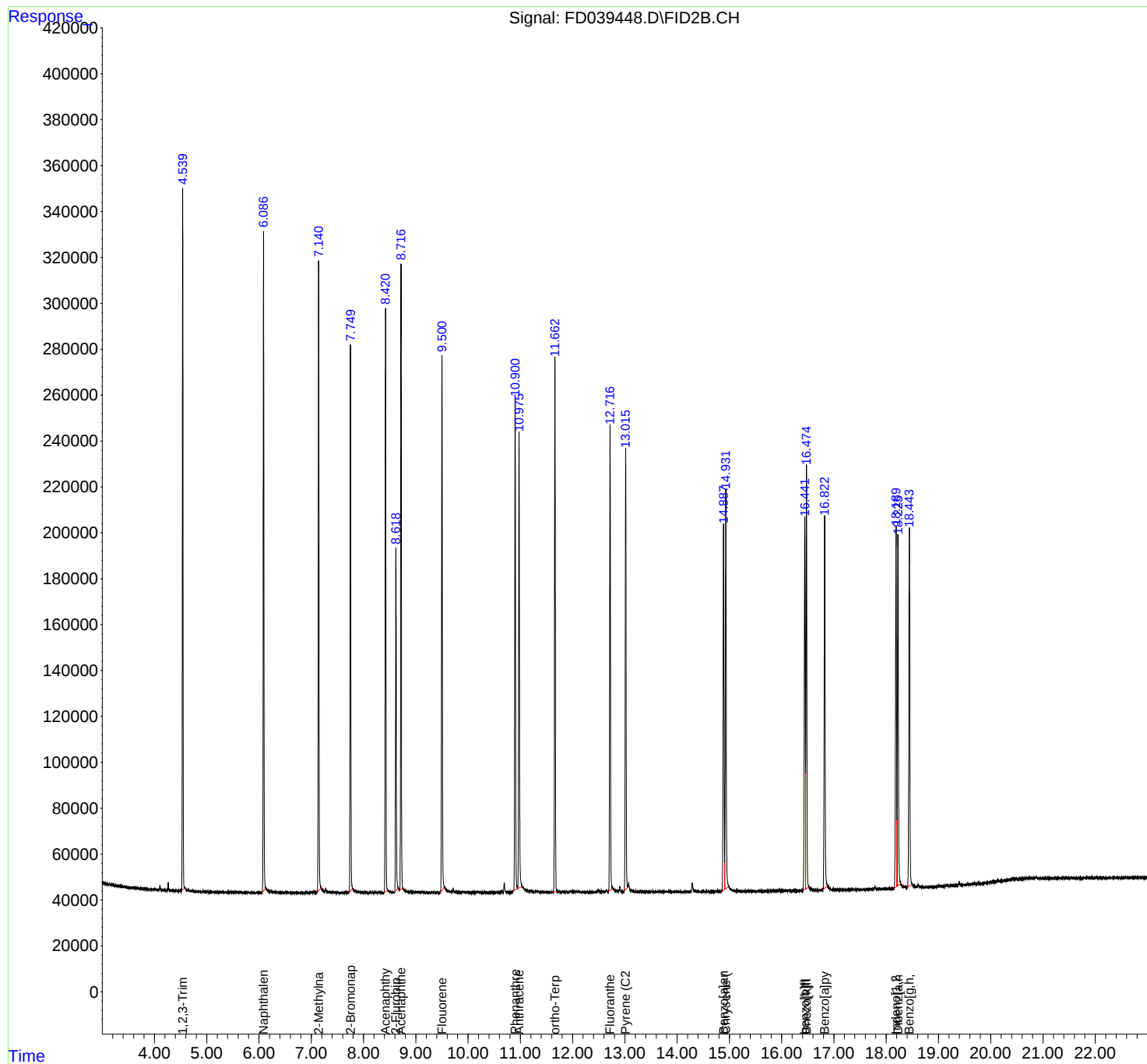
(f)=RT Delta > 1/2 Window

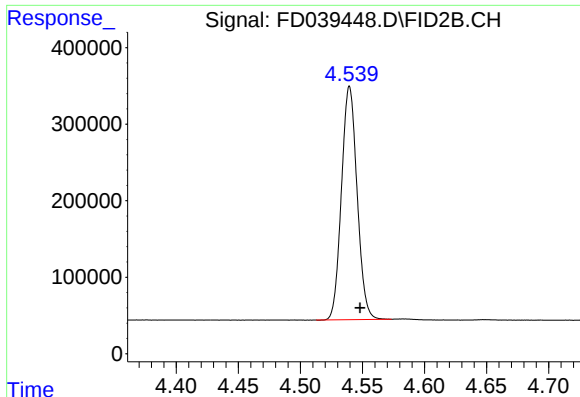
(m)=manual int.

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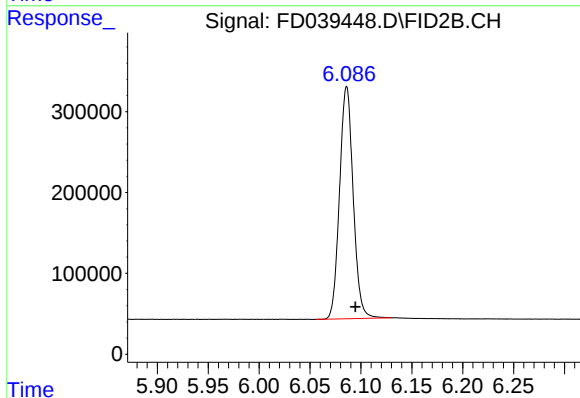
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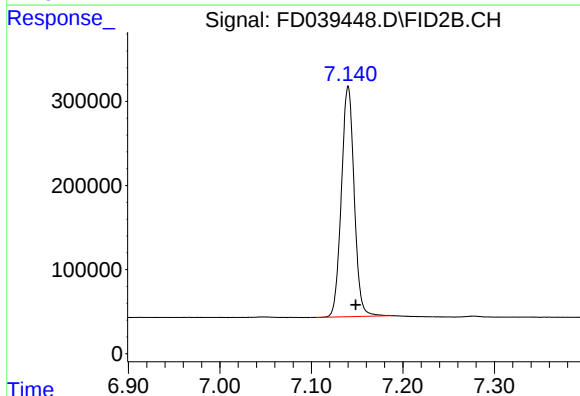
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.540 min
Delta R.T.: -0.008 min
Response: 2676139
Conc: 21.74 ug/ml



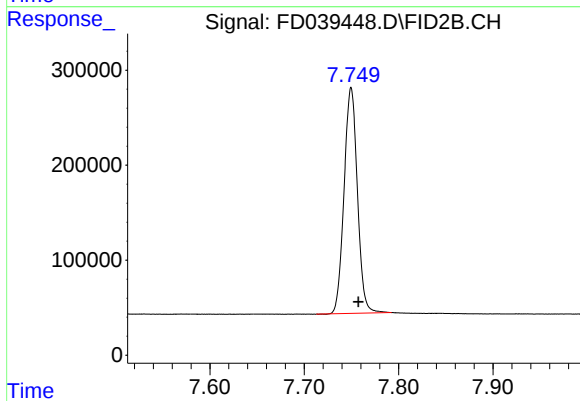
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.009 min
Response: 2674225
Conc: 20.63 ug/ml



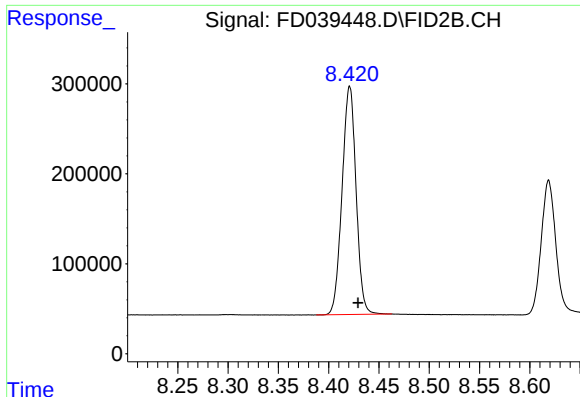
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.008 min
Response: 2664416
Conc: 20.06 ug/ml



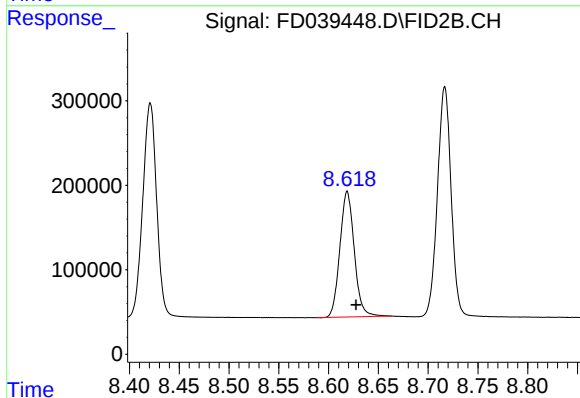
#4 2-Bromonaphthalene (SURR)

R.T.: 7.750 min
Delta R.T.: -0.008 min
Response: 2333716
Conc: 20.11 ug/ml



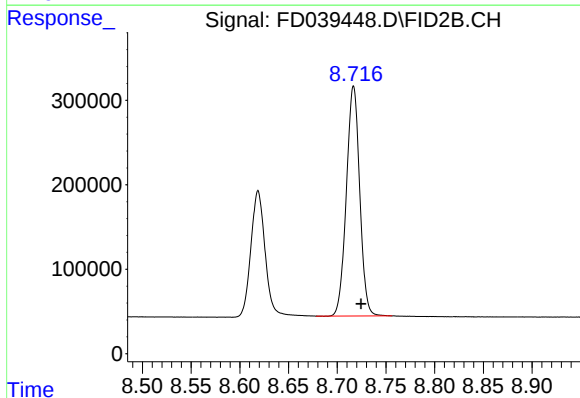
#5 Acenaphthylene (C15.06)

R.T.: 8.421 min
Delta R.T.: -0.008 min
Response: 2459143
Conc: 19.92 ug/ml



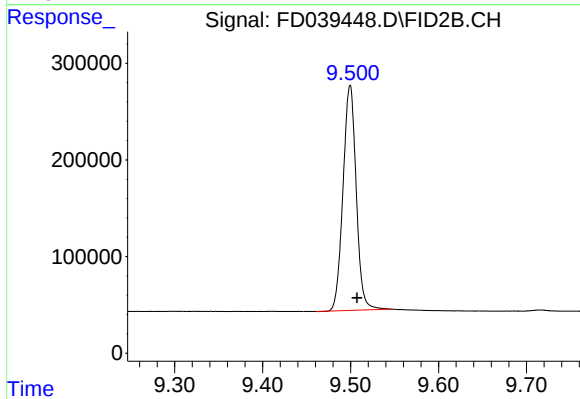
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.619 min
Delta R.T.: -0.009 min
Response: 1497746
Conc: 18.68 ug/ml



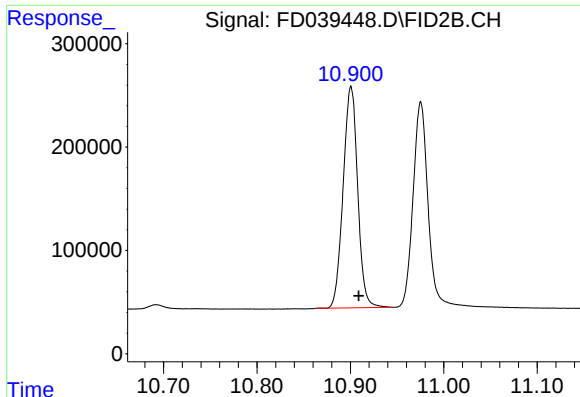
#7 Acenaphthene (C15.5)

R.T.: 8.717 min
Delta R.T.: -0.008 min
Response: 2593823
Conc: 19.88 ug/ml



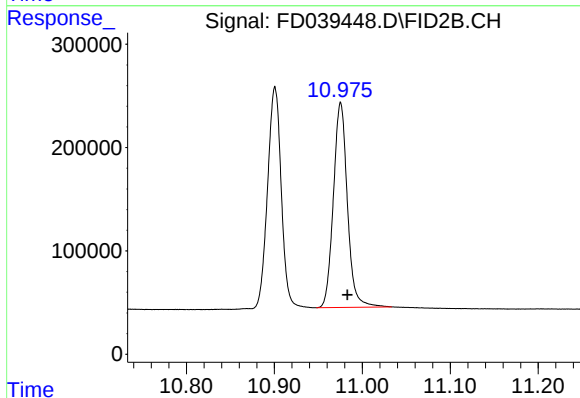
#8 Fluorene (C16.55)

R.T.: 9.500 min
Delta R.T.: -0.008 min
Response: 2426428
Conc: 18.74 ug/ml



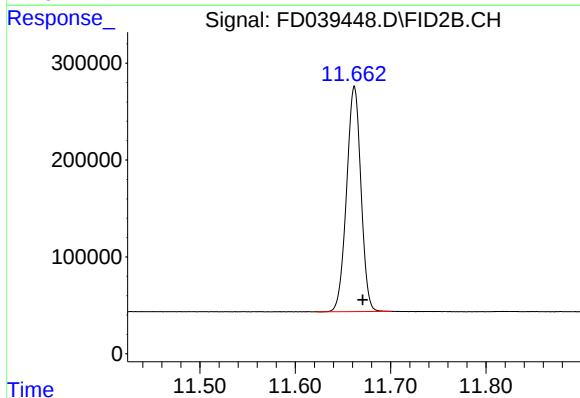
#9 Phenanthrene (C19.36)

R.T.: 10.901 min
Delta R.T.: -0.008 min
Response: 2316130
Conc: 17.93 ug/ml



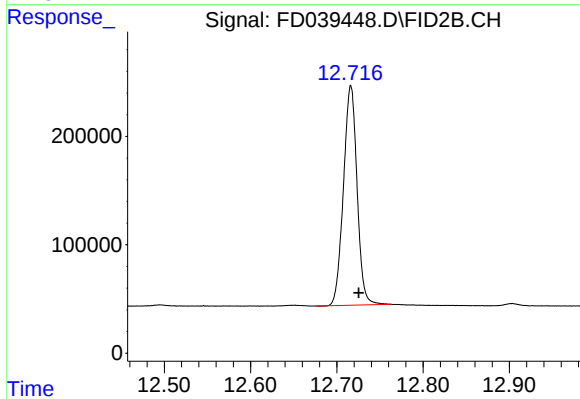
#10 Anthracene (C19.43)

R.T.: 10.975 min
Delta R.T.: -0.008 min
Response: 2190990
Conc: 17.13 ug/ml



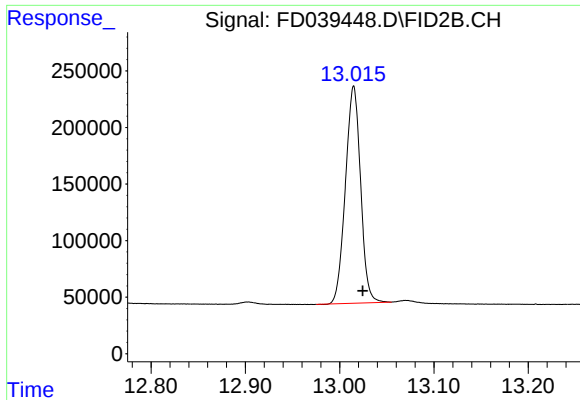
#11 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: -0.009 min
Response: 2444852
Conc: 19.17 ug/ml



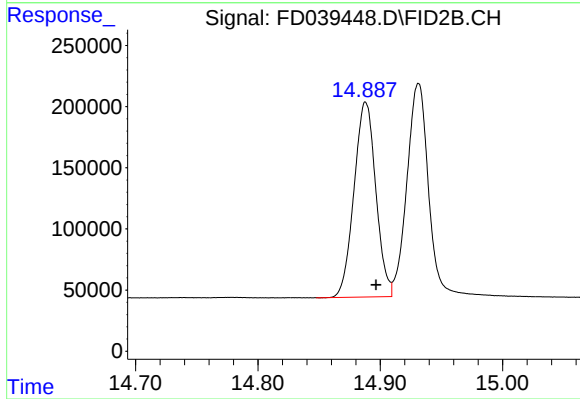
#12 Fluoranthene (C21.85)

R.T.: 12.716 min
Delta R.T.: -0.009 min
Response: 2221514
Conc: 17.05 ug/ml



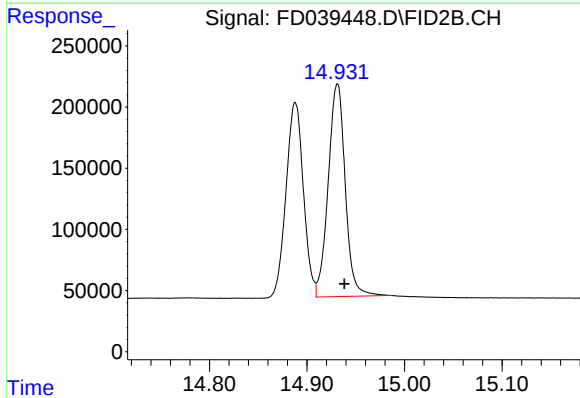
#13 Pyrene (C20.8)

R.T.: 13.015 min
Delta R.T.: -0.009 min
Response: 2145403
Conc: 16.96 ug/ml



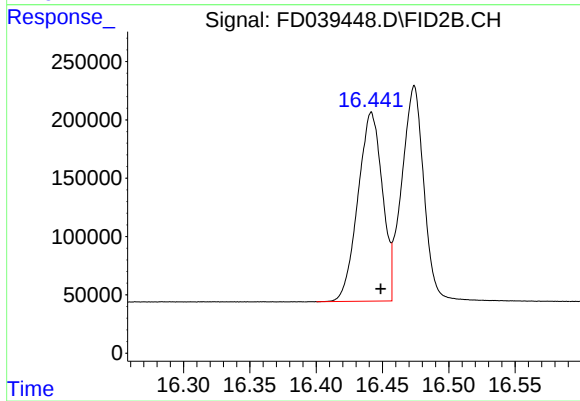
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.888 min
Delta R.T.: -0.008 min
Response: 1970808
Conc: 16.66 ug/ml



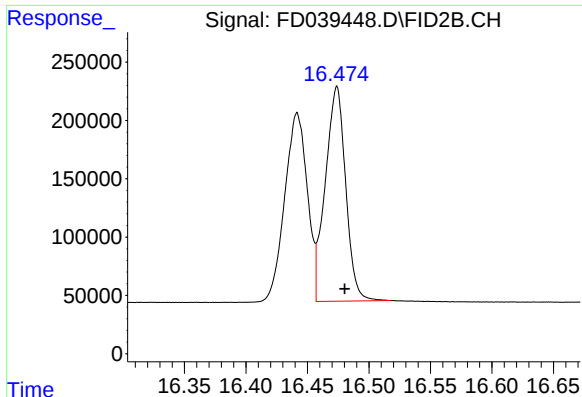
#15 Chrysene (C27.41)

R.T.: 14.931 min
Delta R.T.: -0.007 min
Response: 2111681
Conc: 16.79 ug/ml



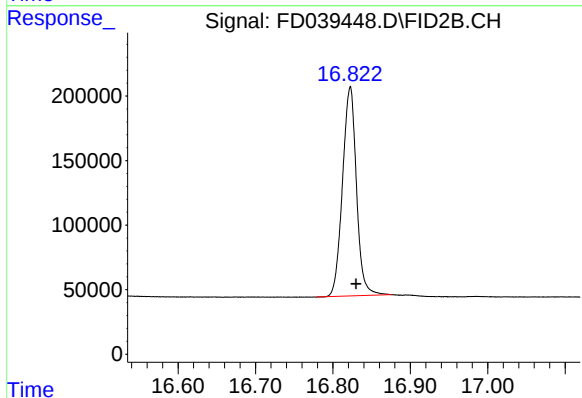
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.442 min
Delta R.T.: -0.007 min
Response: 2070259
Conc: 17.65 ug/ml



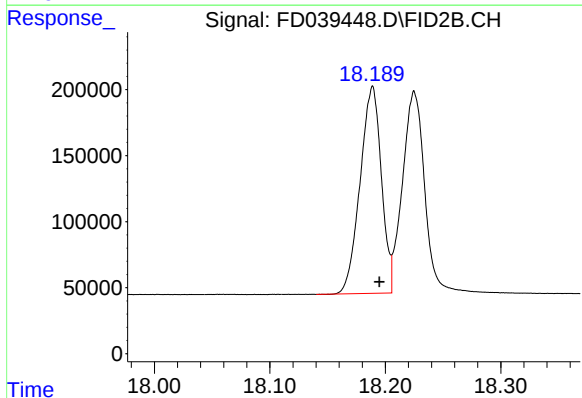
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.474 min
Delta R.T.: -0.006 min
Response: 2125871
Conc: 18.06 ug/ml



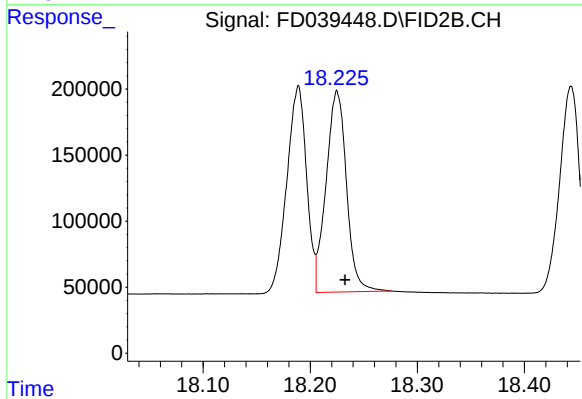
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.822 min
Delta R.T.: -0.007 min
Response: 2026467
Conc: 17.80 ug/ml



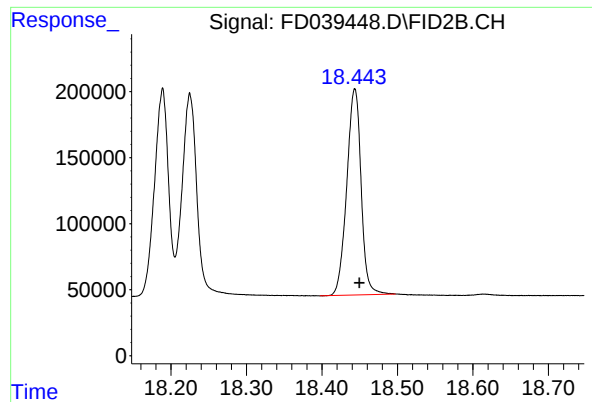
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.189 min
Delta R.T.: -0.006 min
Response: 2000010
Conc: 18.68 ug/ml



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

R.T.: 18.225 min
Delta R.T.: -0.007 min
Response: 2015712
Conc: 18.91 ug/ml



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

R.T.: 18.444 min
Delta R.T.: -0.006 min
Response: 2059975
Conc: 19.52 ug/ml