

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040062.D
 Signal(s) : FID2B.CH
 Acq On : 20 Dec 2021 22:25
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 21 02:44:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 02:41:02 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...	6.850	2581990	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	7.703	1742291	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	10.744	2666892	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.694	2793857	20.000 ug/ml
2) T Naphthalene (C11.7)	5.197	2926223	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.240	2936214	20.000 ug/ml
5) T Acenaphthylene (C15.06)	7.508	2670867	20.000 ug/ml
7) T Acenaphthene (C15.5)	7.802	2826689	20.000 ug/ml
8) T Fluorene (C16.55)	8.580	2781386	20.000 ug/ml
9) T Phenanthrene (C19.36)	9.970	2695119	20.000 ug/ml
10) T Anthracene (C19.43)	10.044	2591879	20.000 ug/ml
12) T Fluoranthene (C21.85)	11.775	2634446	20.000 ug/ml
13) T Pyrene (C20.8)	12.070	2542154	20.000 ug/ml
14) T Benzo[a]anthracene (C...	13.939	2328268	20.000 ug/ml
15) T Chrysene (C27.41)	13.981	2431446	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.484	2372836	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	15.517	2347151	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.861	2321275	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.223	2272580	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.266	2291344	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.476	2323452	20.000 ug/ml

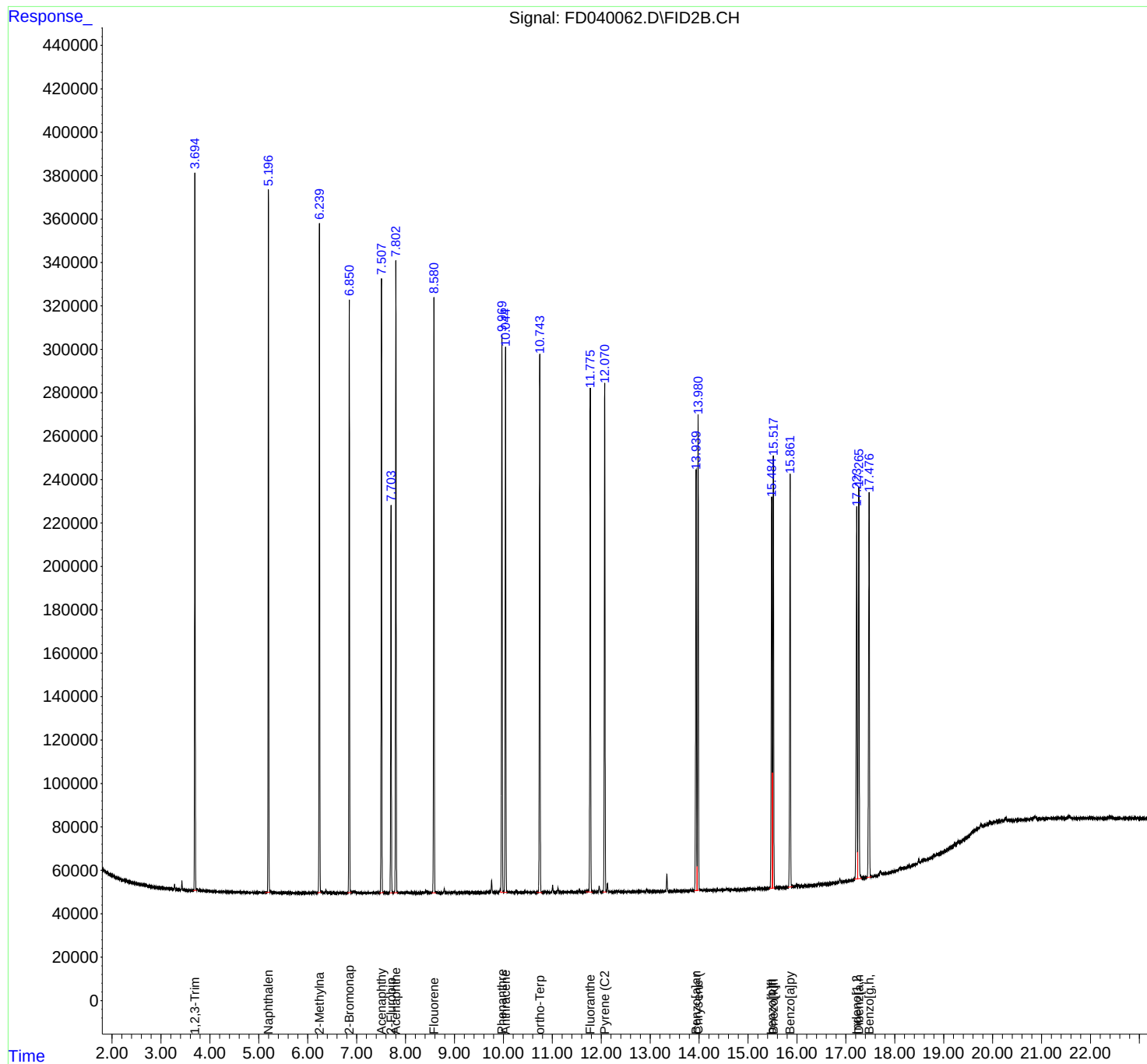
(f)=RT Delta > 1/2 Window

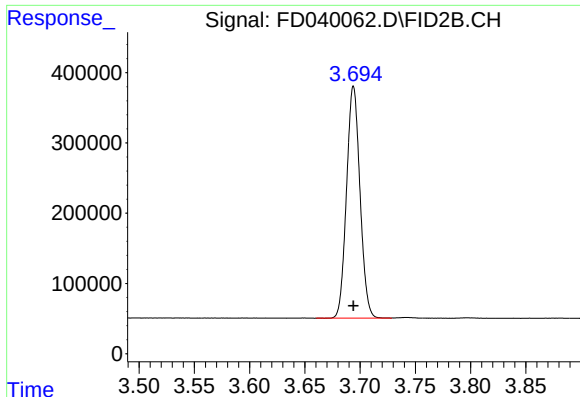
(m)=manual int.

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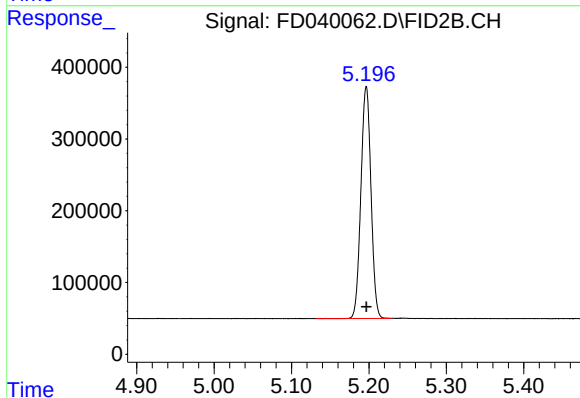
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Signal Info : 20M x 0.18mm x 0.18µm





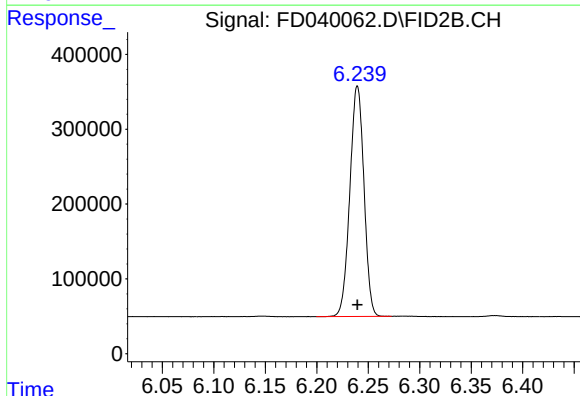
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 2793857
Conc: 20.00 ug/ml



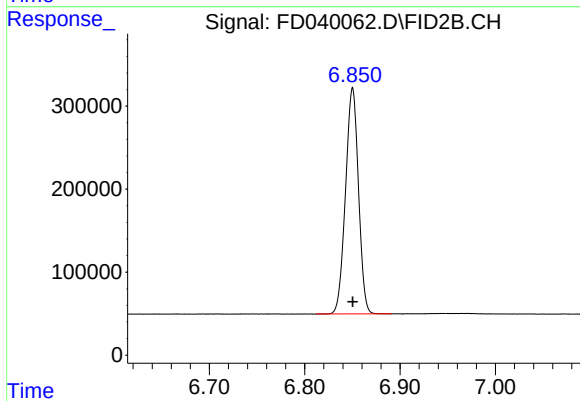
#2 Naphthalene (C11.7)

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 2926223
Conc: 20.00 ug/ml



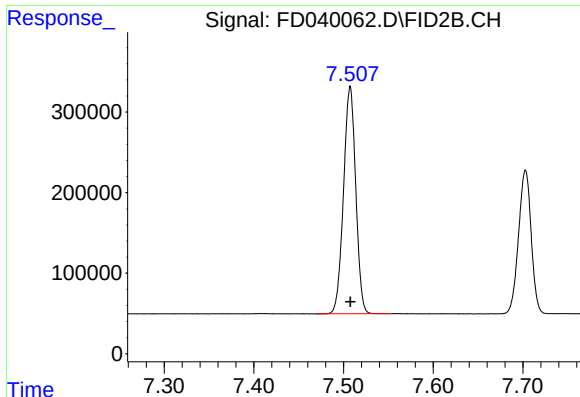
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 2936214
Conc: 20.00 ug/ml



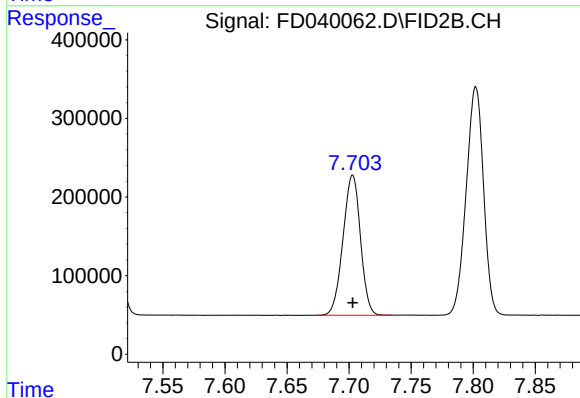
#4 2-Bromonaphthalene (SURR)

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 2581990
Conc: 20.00 ug/ml



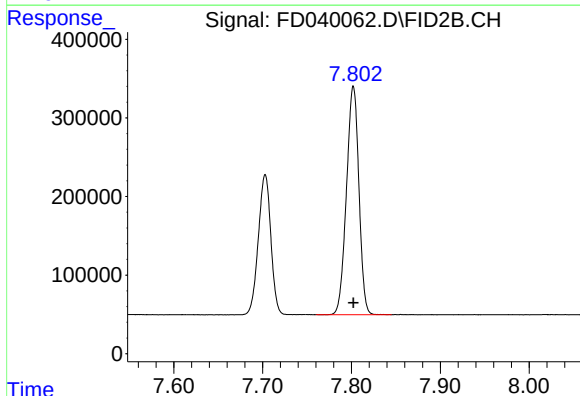
#5 Acenaphthylene (C15.06)

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 2670867
Conc: 20.00 ug/ml



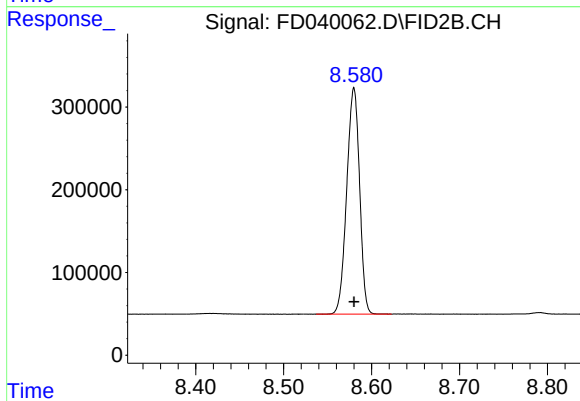
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 1742291
Conc: 20.00 ug/ml



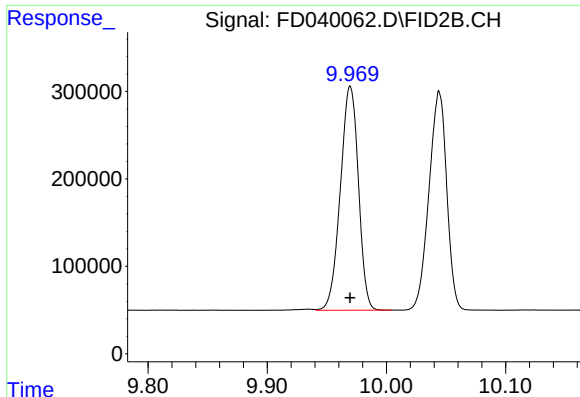
#7 Acenaphthene (C15.5)

R.T.: 7.802 min
Delta R.T.: 0.000 min
Response: 2826689
Conc: 20.00 ug/ml



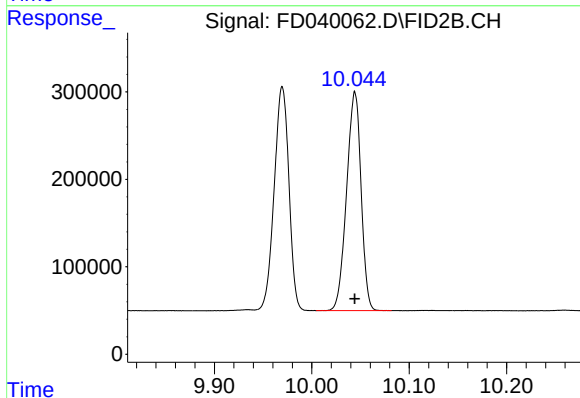
#8 Fluorene (C16.55)

R.T.: 8.580 min
Delta R.T.: 0.000 min
Response: 2781386
Conc: 20.00 ug/ml



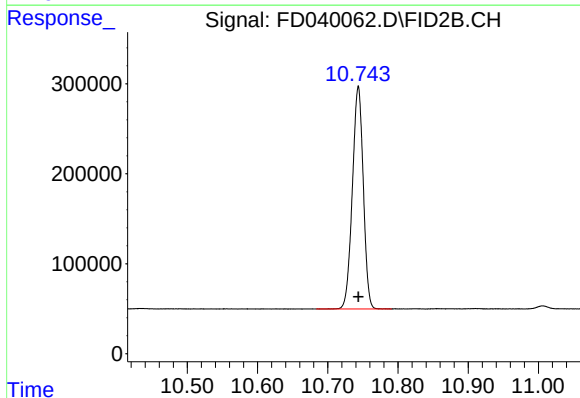
#9 Phenanthrene (C19.36)

R.T.: 9.970 min
Delta R.T.: 0.000 min
Response: 2695119
Conc: 20.00 ug/ml



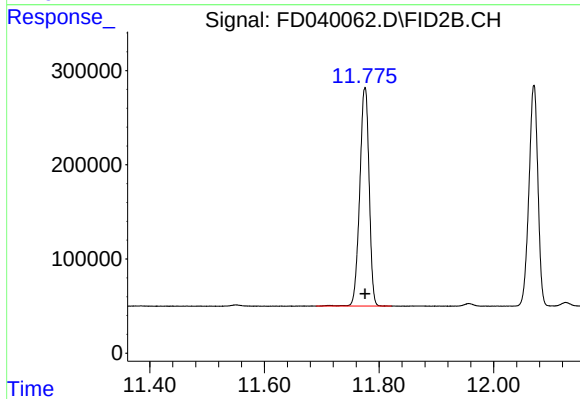
#10 Anthracene (C19.43)

R.T.: 10.044 min
Delta R.T.: 0.000 min
Response: 2591879
Conc: 20.00 ug/ml



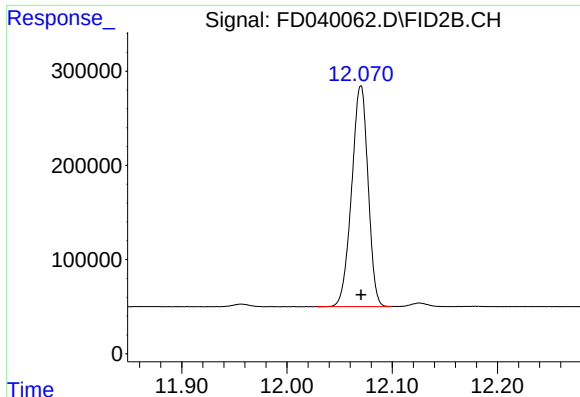
#11 ortho-Terphenyl (SURR)

R.T.: 10.744 min
Delta R.T.: 0.000 min
Response: 2666892
Conc: 20.00 ug/ml



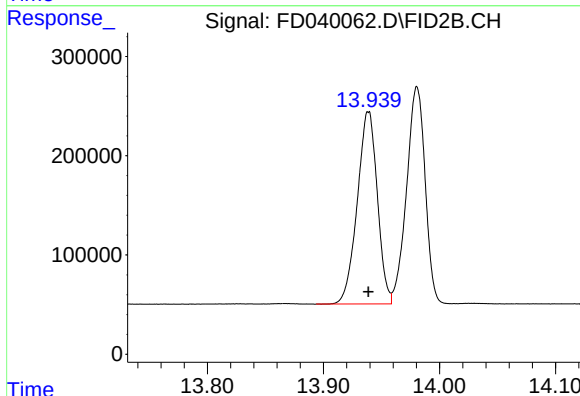
#12 Fluoranthene (C21.85)

R.T.: 11.775 min
Delta R.T.: 0.000 min
Response: 2634446
Conc: 20.00 ug/ml



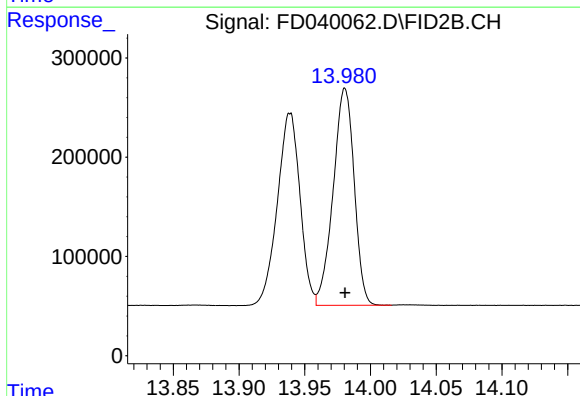
#13 Pyrene (C20.8)

R.T.: 12.070 min
Delta R.T.: 0.000 min
Response: 2542154
Conc: 20.00 ug/ml



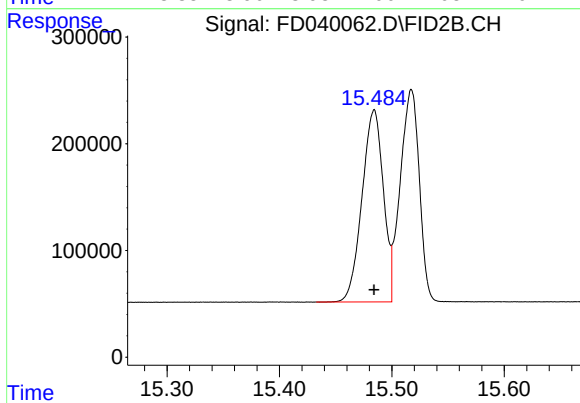
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.939 min
Delta R.T.: 0.000 min
Response: 2328268
Conc: 20.00 ug/ml



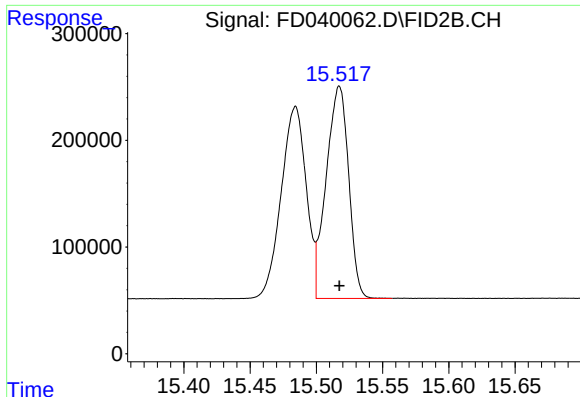
#15 Chrysene (C27.41)

R.T.: 13.981 min
Delta R.T.: 0.000 min
Response: 2431446
Conc: 20.00 ug/ml



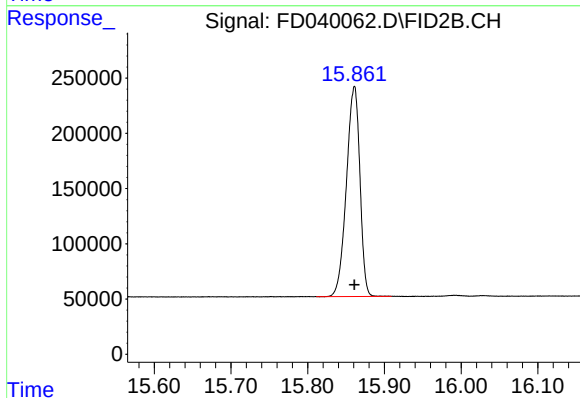
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.484 min
Delta R.T.: 0.000 min
Response: 2372836
Conc: 20.00 ug/ml



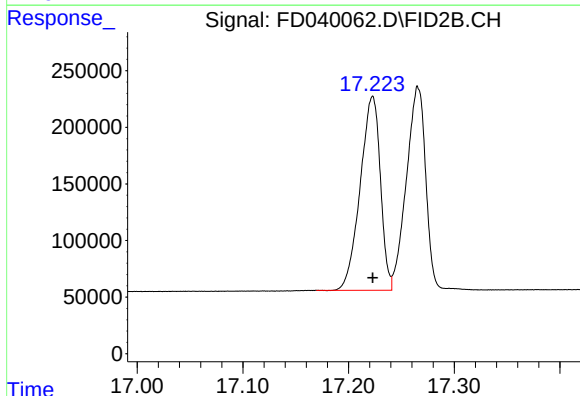
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.517 min
Delta R.T.: 0.000 min
Response: 2347151
Conc: 20.00 ug/ml



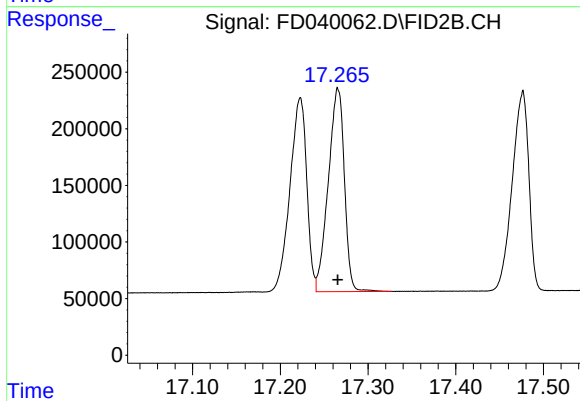
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.861 min
Delta R.T.: 0.000 min
Response: 2321275
Conc: 20.00 ug/ml



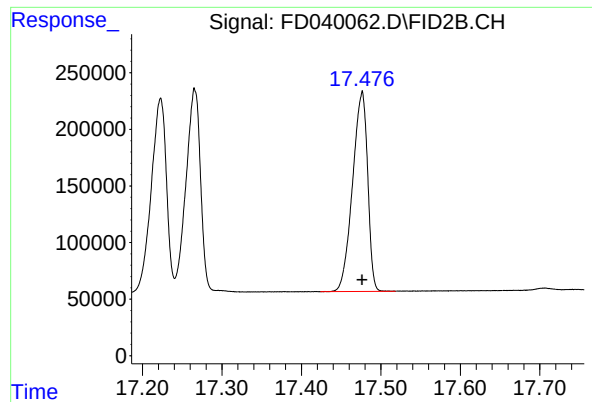
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.223 min
Delta R.T.: 0.000 min
Response: 2272580
Conc: 20.00 ug/ml



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

R.T.: 17.266 min
Delta R.T.: 0.000 min
Response: 2291344
Conc: 20.00 ug/ml



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

R.T.: 17.476 min
Delta R.T.: 0.000 min
Response: 2323452
Conc: 20.00 ug/ml