

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020322AR\
 Data File : FD040877.D
 Signal(s) : FID2B.CH
 Acq On : 03 Feb 2022 5:12
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 03 05:40:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 03 05:40:42 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...	6.718	1247964	10.328 ug/ml
Spiked Amount 50.000		Recovery =	20.66%
6) S 2-Fluorobiphenyl (SURR)	7.565	806073	9.958 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.92%
11) S ortho-Terphenyl (SURR)	10.595	1476282	10.661 ug/ml
Spiked Amount 50.000		Recovery =	21.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.583	1357269	10.384 ug/ml
2) T Naphthalene (C11.7)	5.071	1388446	10.162 ug/ml
3) T 2-Methylnaphthalene (...)	6.108	1383817	10.088 ug/ml
5) T Acenaphthylene (C15.06)	7.368	1430636	10.493 ug/ml
7) T Acenaphthene (C15.5)	7.661	1560322	10.601 ug/ml
8) T Fluorene (C16.55)	8.438	1381663	10.337 ug/ml
9) T Phenanthrene (C19.36)	9.822	1389322	10.328 ug/ml
10) T Anthracene (C19.43)	9.896	1418389	10.554 ug/ml
12) T Fluoranthene (C21.85)	11.621	1448791	10.488 ug/ml
13) T Pyrene (C20.8)	11.914	1452411	10.295 ug/ml
14) T Benzo[a]anthracene (C...	13.780	1354310	10.094 ug/ml
15) T Chrysene (C27.41)	13.820	1586648	10.829 ug/ml
16) T benzo[b]fluoranthene ...	15.323	1394436	10.178 ug/ml
17) T Bnezo[k]fluoranthene ...	15.354	1528381	10.772 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.698	1356604	10.316 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.057	1249818	9.924 ug/ml
20) T Dibenz[a,h]anthracene...	17.100	1425424	10.759 ug/ml
21) T Benzo[g,h,i]perylene ...	17.307	1287999	10.354 ug/ml

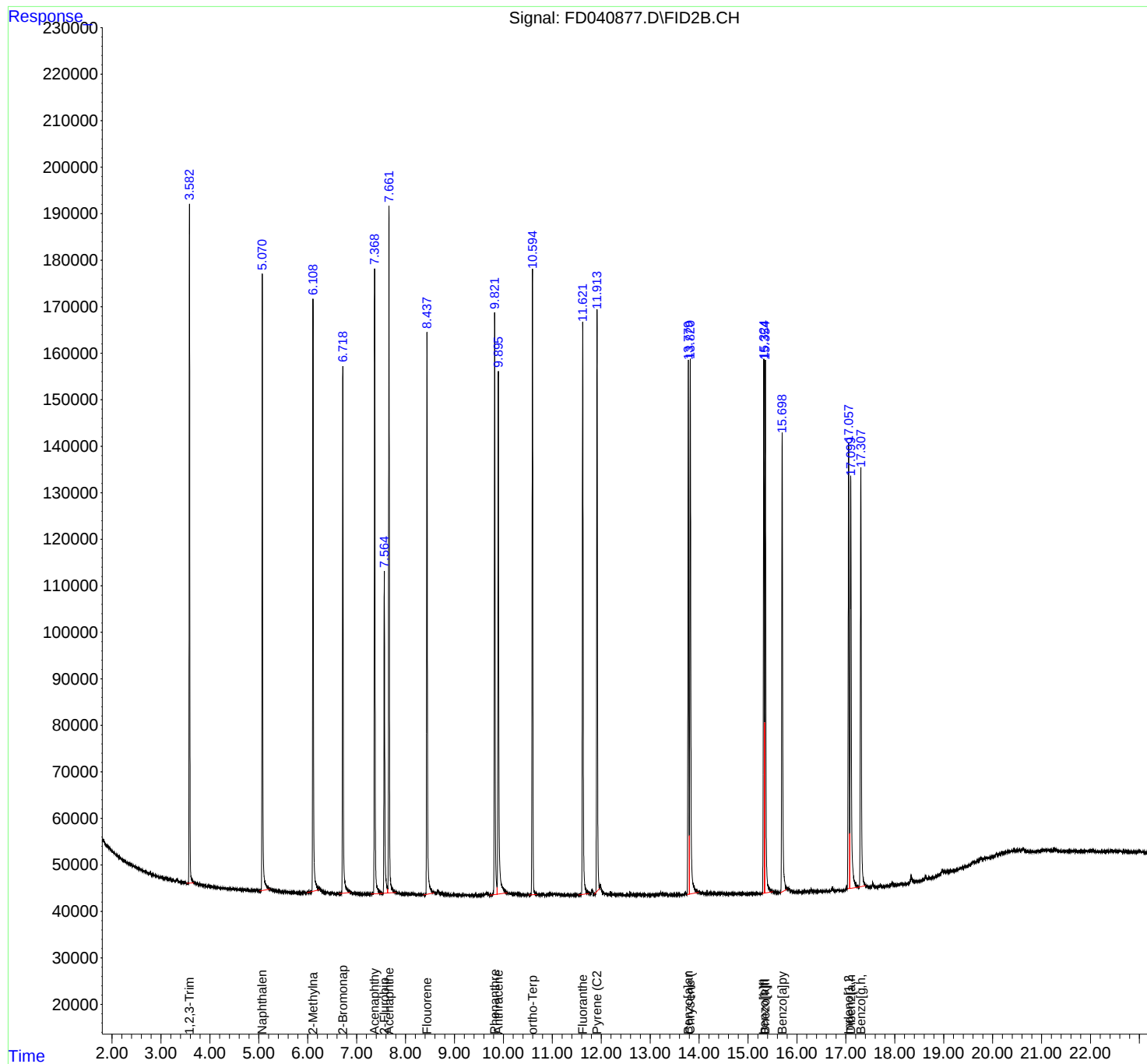
(f)=RT Delta > 1/2 Window

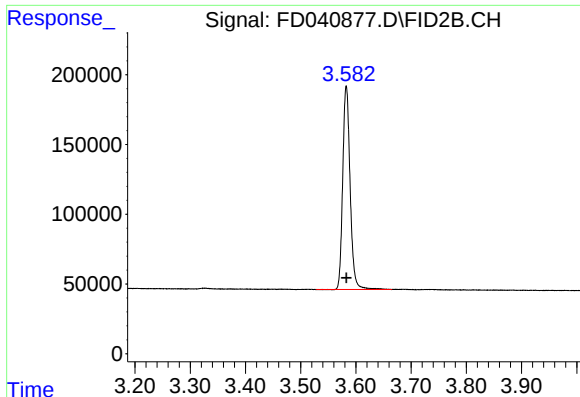
(m)=manual int.

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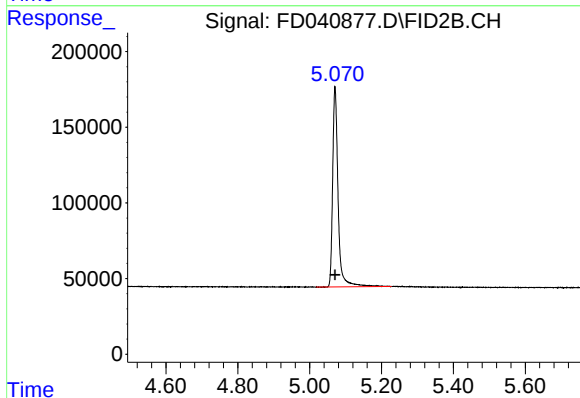
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Signal Info : 20M x 0.18mm x 0.18µm





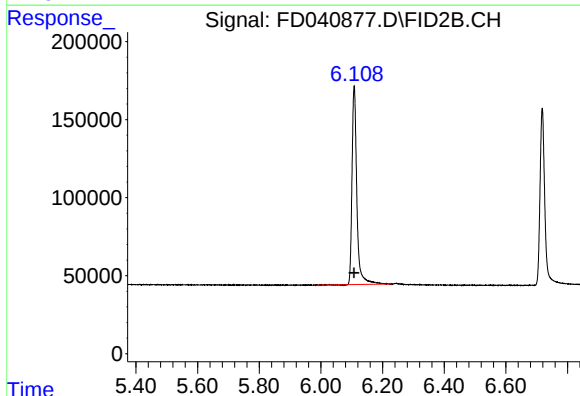
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.583 min
Delta R.T.: 0.000 min
Response: 1357269
Conc: 10.38 ug/ml



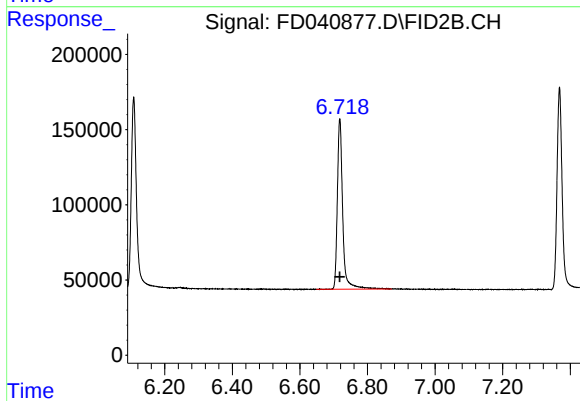
#2 Naphthalene (C11.7)

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1388446
Conc: 10.16 ug/ml



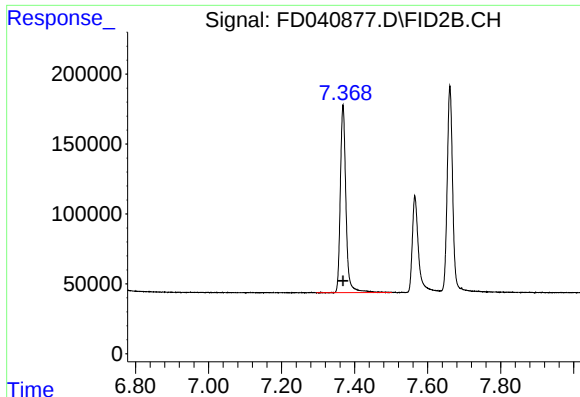
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 1383817
Conc: 10.09 ug/ml



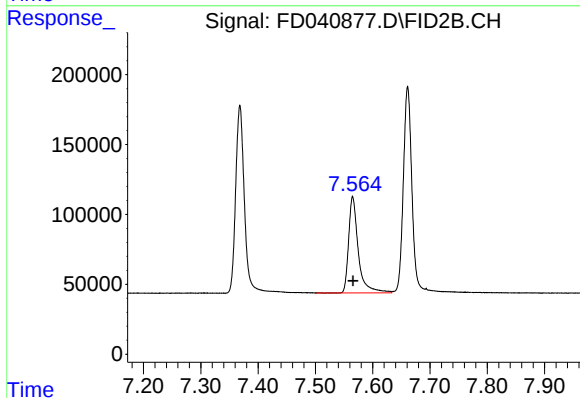
#4 2-Bromonaphthalene (SURR)

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 1247964
Conc: 10.33 ug/ml



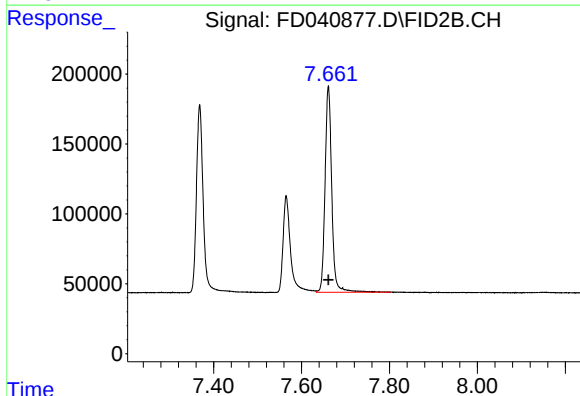
#5 Acenaphthylene (C15.06)

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 1430636
Conc: 10.49 ug/ml



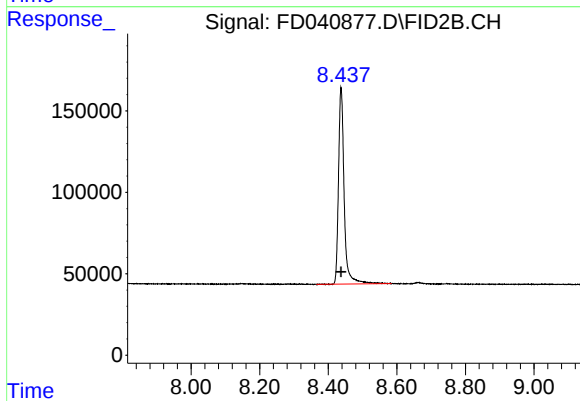
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.565 min
Delta R.T.: 0.000 min
Response: 806073
Conc: 9.96 ug/ml



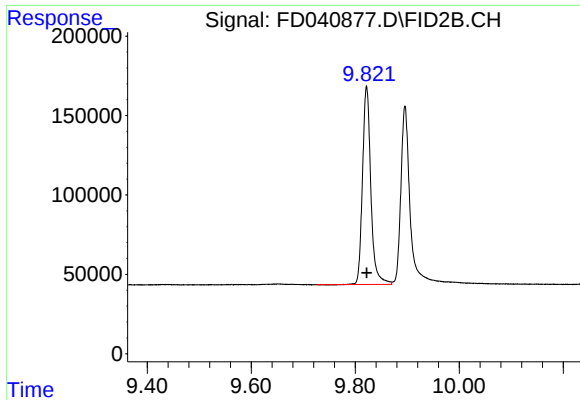
#7 Acenaphthene (C15.5)

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 1560322
Conc: 10.60 ug/ml



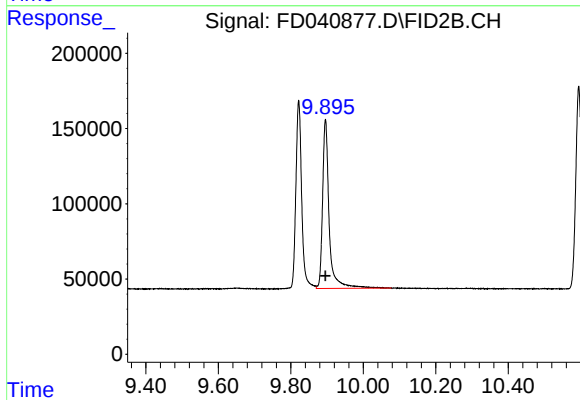
#8 Flouorene (C16.55)

R.T.: 8.438 min
Delta R.T.: 0.000 min
Response: 1381663
Conc: 10.34 ug/ml



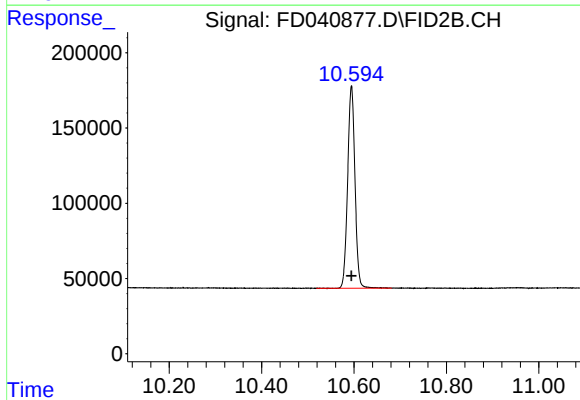
#9 Phenanthrene (C19.36)

R.T.: 9.822 min
Delta R.T.: 0.000 min
Response: 1389322
Conc: 10.33 ug/ml



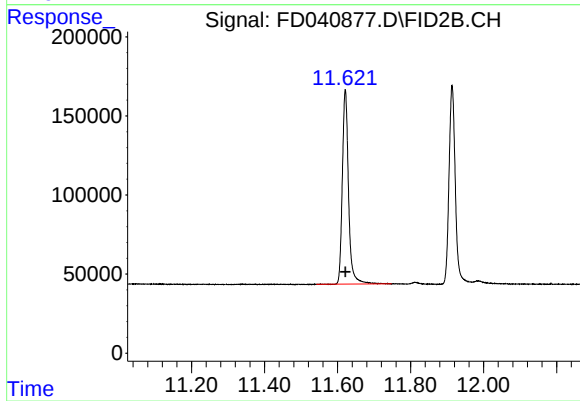
#10 Anthracene (C19.43)

R.T.: 9.896 min
Delta R.T.: 0.000 min
Response: 1418389
Conc: 10.55 ug/ml



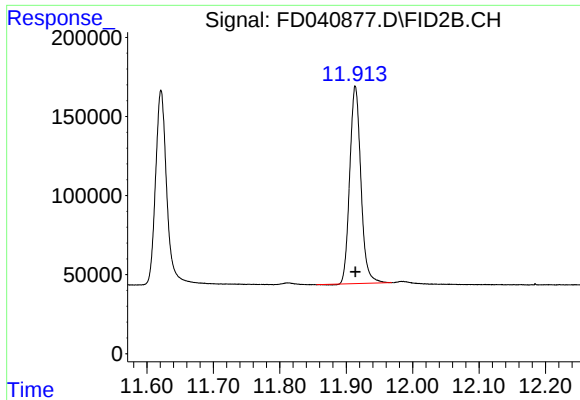
#11 ortho-Terphenyl (SURR)

R.T.: 10.595 min
Delta R.T.: 0.000 min
Response: 1476282
Conc: 10.66 ug/ml



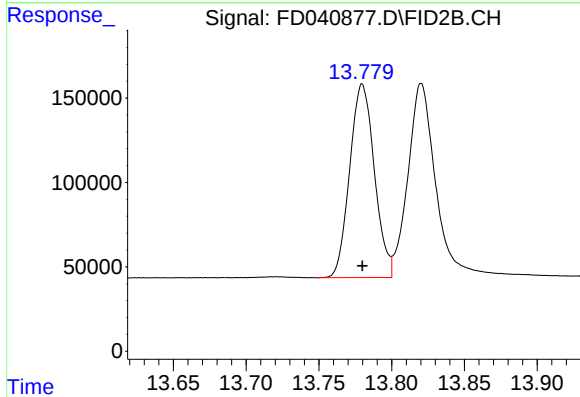
#12 Fluoranthene (C21.85)

R.T.: 11.621 min
Delta R.T.: 0.000 min
Response: 1448791
Conc: 10.49 ug/ml



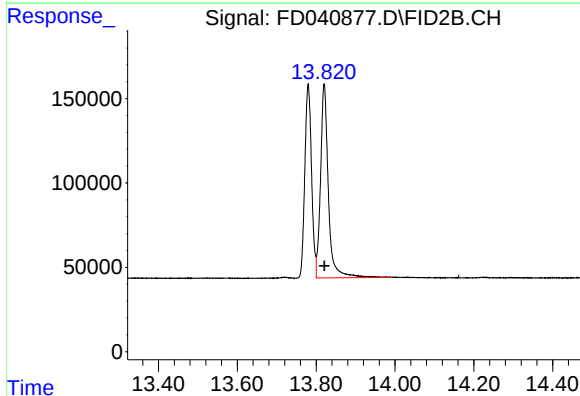
#13 Pyrene (C20.8)

R.T.: 11.914 min
Delta R.T.: 0.000 min
Response: 1452411
Conc: 10.30 ug/ml



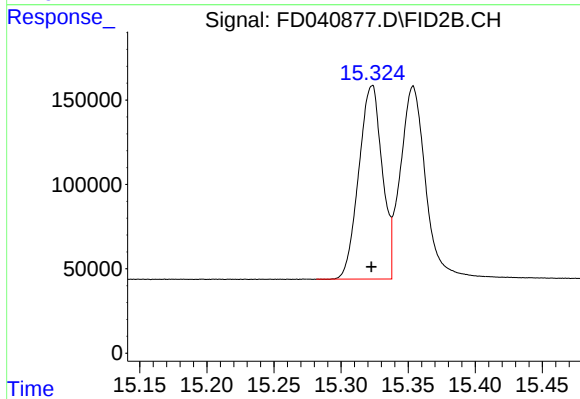
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.780 min
Delta R.T.: 0.000 min
Response: 1354310
Conc: 10.09 ug/ml



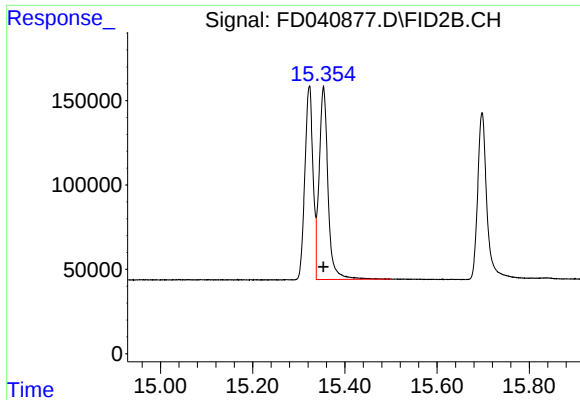
#15 Chrysene (C27.41)

R.T.: 13.820 min
Delta R.T.: 0.000 min
Response: 1586648
Conc: 10.83 ug/ml



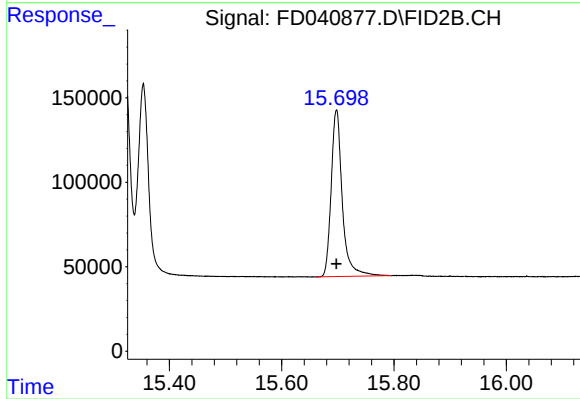
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.323 min
Delta R.T.: 0.000 min
Response: 1394436
Conc: 10.18 ug/ml



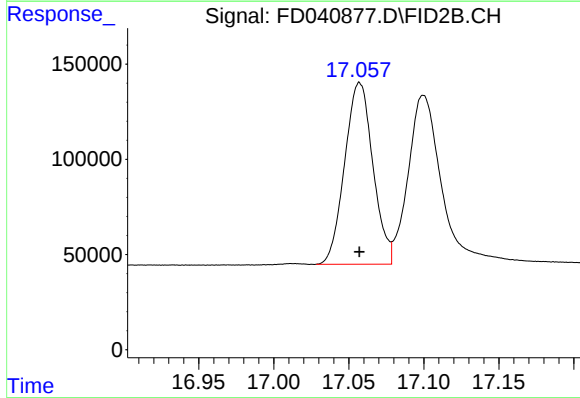
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.354 min
Delta R.T.: 0.000 min
Response: 1528381
Conc: 10.77 ug/ml



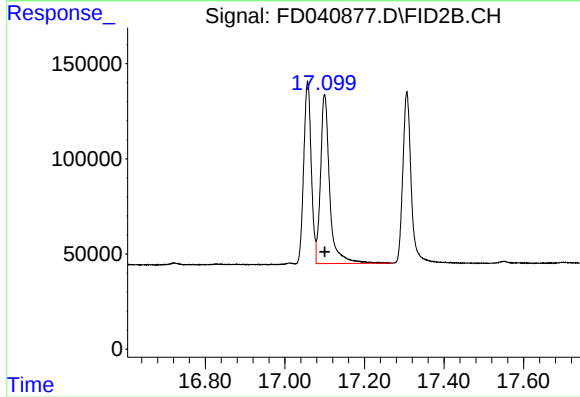
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.698 min
Delta R.T.: 0.000 min
Response: 1356604
Conc: 10.32 ug/ml



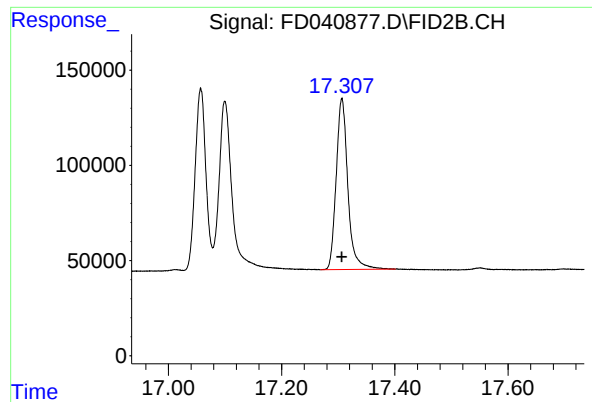
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.057 min
Delta R.T.: 0.000 min
Response: 1249818
Conc: 9.92 ug/ml



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

R.T.: 17.100 min
Delta R.T.: 0.000 min
Response: 1425424
Conc: 10.76 ug/ml



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

R.T.: 17.307 min
Delta R.T.: 0.000 min
Response: 1287999
Conc: 10.35 ug/ml