

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070319AR\
 Data File : FD029681.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jul 2019 9:17
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 03 10:19:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:45:09 2019
 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...	7.701	2463124	21.200 ug/ml
Spiked Amount 50.000		Recovery =	42.40%
6) S 2-Fluorobiphenyl (SURR)	8.565	1621399	20.455 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.91%
11) S ortho-Terphenyl (SURR)	11.601	2489404	19.399 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	2762023	22.608 ug/ml
2) T Naphthalene (C11.7)	6.042	2856540	21.920 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	2763657	21.409 ug/ml
5) T Acenaphthylene (C15.06)	8.369	2574297	20.362 ug/ml
7) T Acenaphthene (C15.5)	8.664	2683833	20.568 ug/ml
8) T Fluorene (C16.55)	9.443	2609126	20.051 ug/ml
9) T Phenanthrene (C19.36)	10.838	2530085	19.282 ug/ml
10) T Anthracene (C19.43)	10.913	2454317	18.990 ug/ml
12) T Fluoranthene (C21.85)	12.646	2482559	18.877 ug/ml
13) T Pyrene (C20.8)	12.944	2480089	18.833 ug/ml
14) T Benzo[a]anthracene (C...	14.852	2395150	19.047 ug/ml
15) T Chrysene (C27.41)	14.852	2395150	18.995 ug/ml
16) T benzo[b]fluoranthene ...	16.388	2390480	19.302 ug/ml
17) T Bnezo[k]fluoranthene ...	16.388	2390480	19.408 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.734	2391740	19.550 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	2369390	20.082 ug/ml
20) T Dibenz[a,h]anthracene...	18.134	2369390	20.469 ug/ml
21) T Benzo[g,h,i]perylene ...	18.350	2386630	20.559 ug/ml

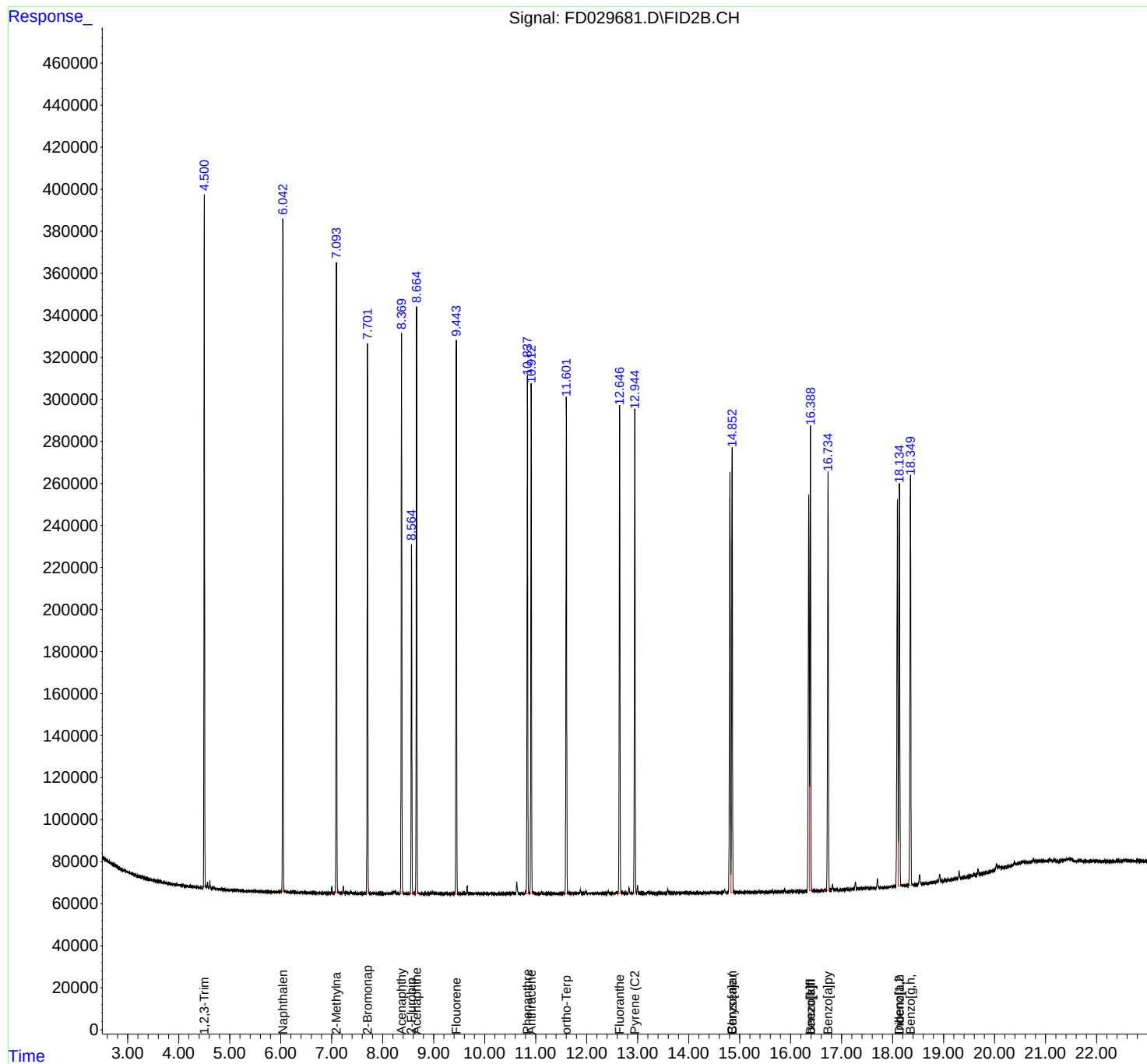
(f)=RT Delta > 1/2 Window

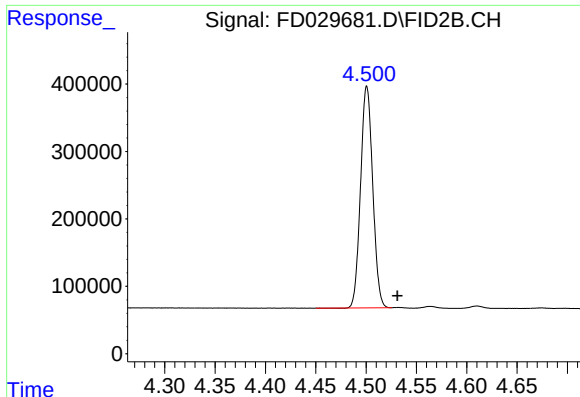
(m)=manual int.

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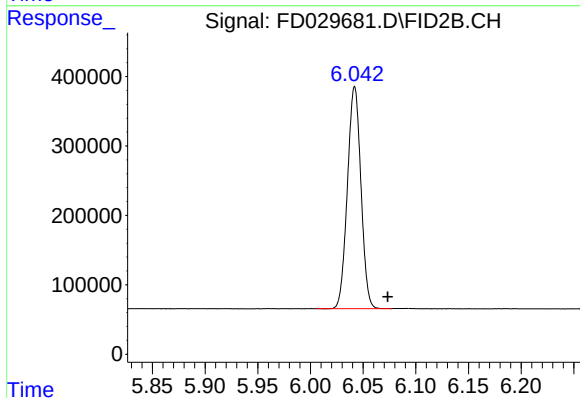
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





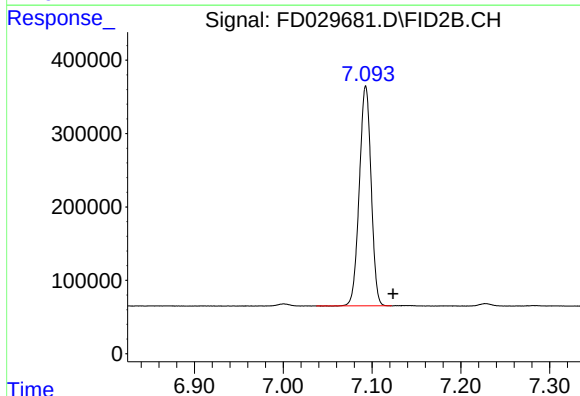
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.501 min
Delta R.T.: -0.030 min
Response: 2762023
Conc: 22.61 ug/ml



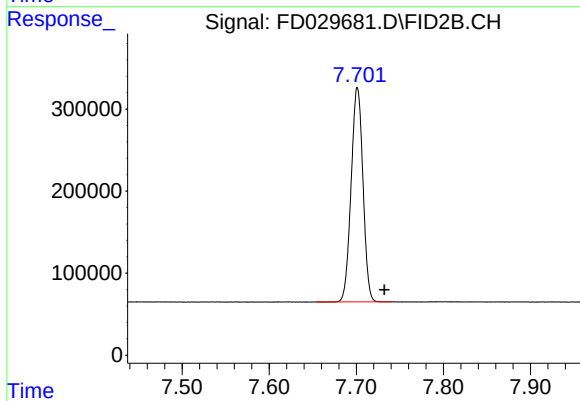
#2 Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.031 min
Response: 2856540
Conc: 21.92 ug/ml



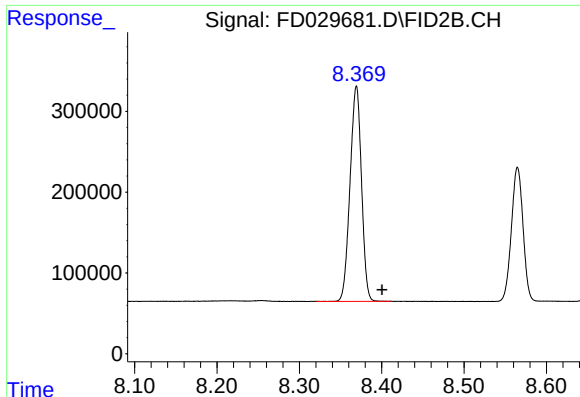
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: -0.031 min
Response: 2763657
Conc: 21.41 ug/ml



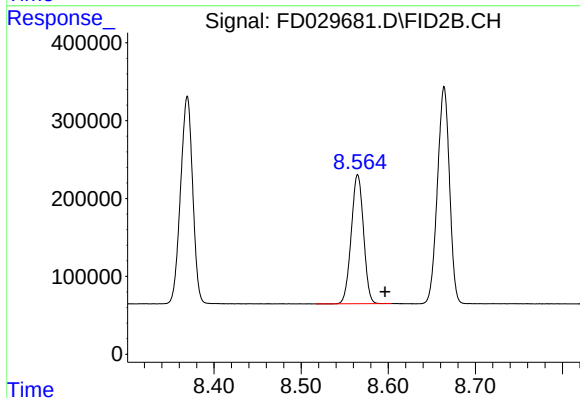
#4 2-Bromonaphthalene (SURR)

R.T.: 7.701 min
Delta R.T.: -0.031 min
Response: 2463124
Conc: 21.20 ug/ml



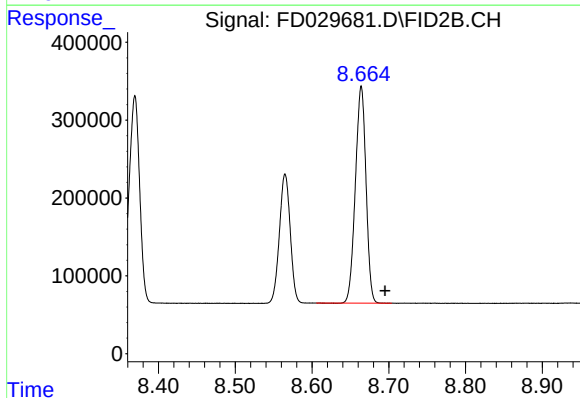
#5 Acenaphthylene (C15.06)

R.T.: 8.369 min
Delta R.T.: -0.031 min
Response: 2574297
Conc: 20.36 ug/ml



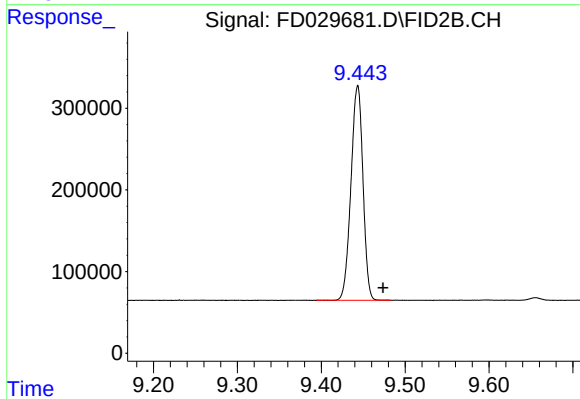
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.565 min
Delta R.T.: -0.031 min
Response: 1621399
Conc: 20.45 ug/ml



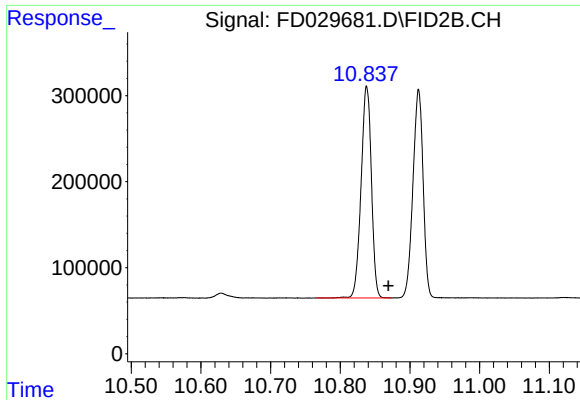
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: -0.031 min
Response: 2683833
Conc: 20.57 ug/ml



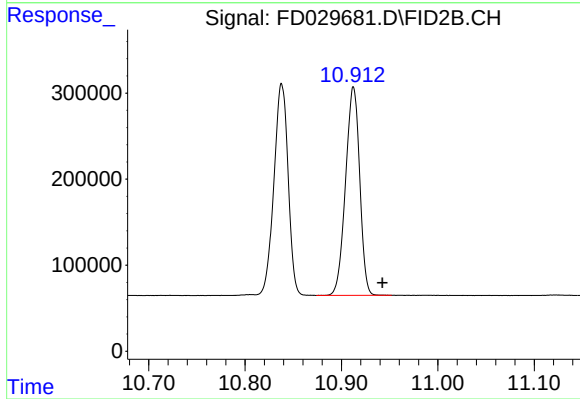
#8 Flouorene (C16.55)

R.T.: 9.443 min
Delta R.T.: -0.030 min
Response: 2609126
Conc: 20.05 ug/ml



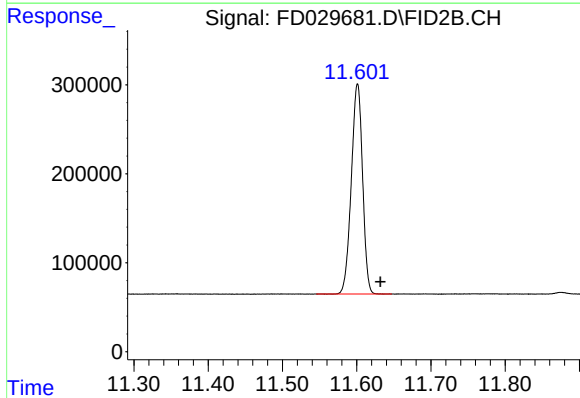
#9 Phenanthrene (C19.36)

R.T.: 10.838 min
Delta R.T.: -0.031 min
Response: 2530085
Conc: 19.28 ug/ml



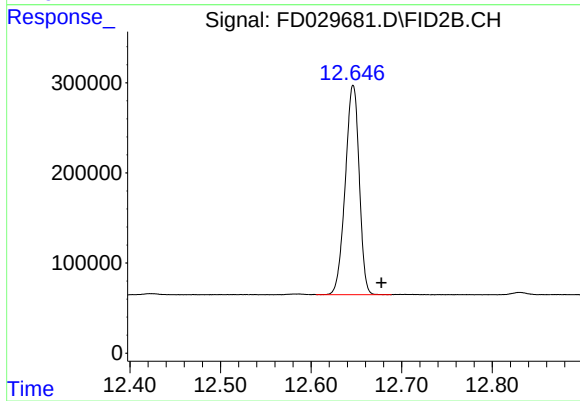
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.030 min
Response: 2454317
Conc: 18.99 ug/ml



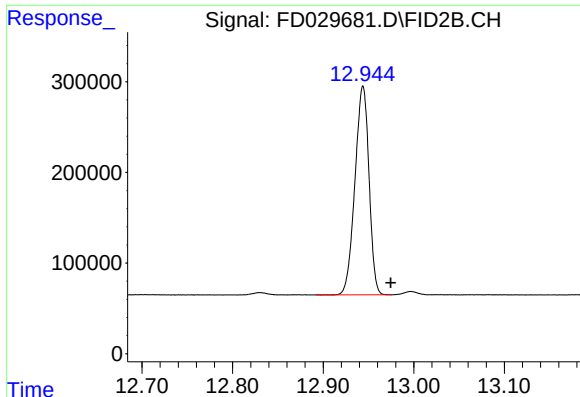
#11 ortho-Terphenyl (SURR)

R.T.: 11.601 min
Delta R.T.: -0.031 min
Response: 2489404
Conc: 19.40 ug/ml



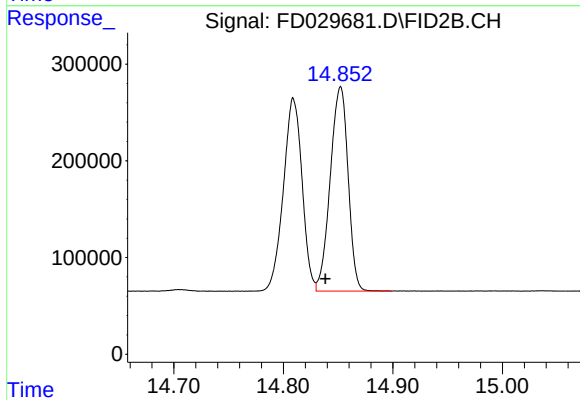
#12 Fluoranthene (C21.85)

R.T.: 12.646 min
Delta R.T.: -0.031 min
Response: 2482559
Conc: 18.88 ug/ml



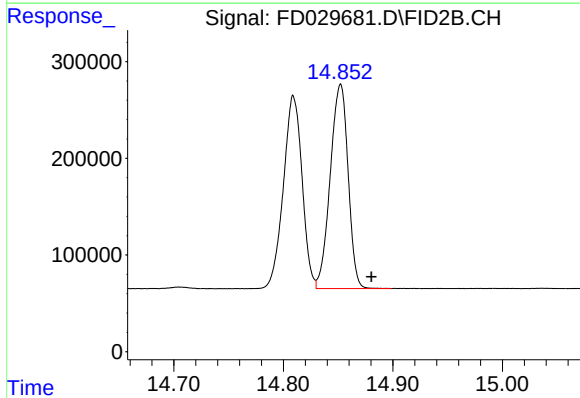
#13 Pyrene (C20.8)

R.T.: 12.944 min
Delta R.T.: -0.031 min
Response: 2480089
Conc: 18.83 ug/ml



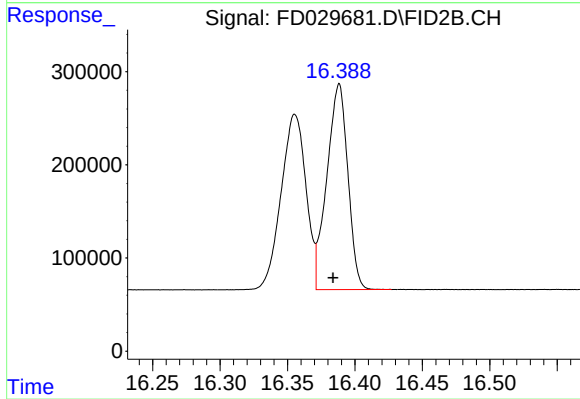
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.852 min
Delta R.T.: 0.014 min
Response: 2395150
Conc: 19.05 ug/ml



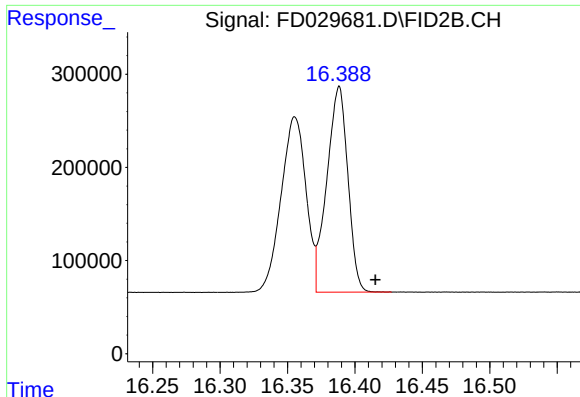
#15 Chrysene (C27.41)

R.T.: 14.852 min
Delta R.T.: -0.028 min
Response: 2395150
Conc: 18.99 ug/ml



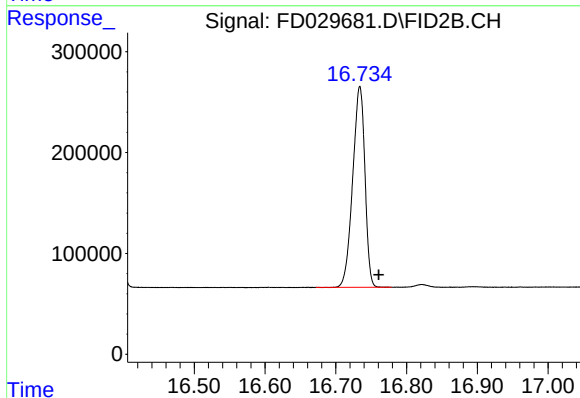
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.388 min
Delta R.T.: 0.005 min
Response: 2390480
Conc: 19.30 ug/ml



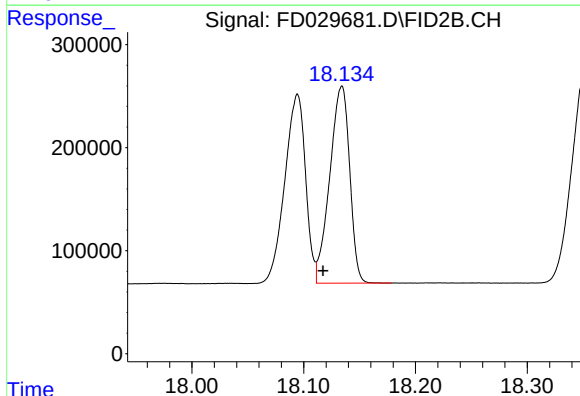
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.388 min
Delta R.T.: -0.027 min
Response: 2390480
Conc: 19.41 ug/ml



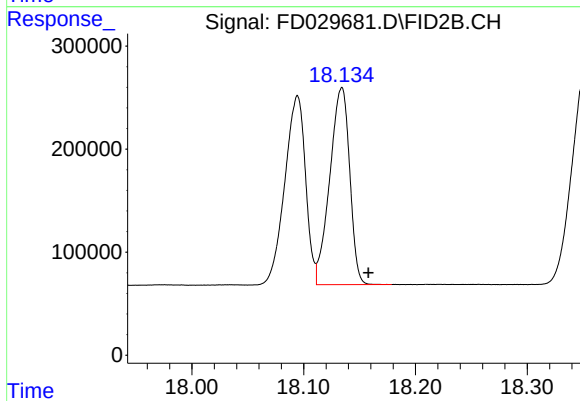
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.734 min
Delta R.T.: -0.027 min
Response: 2391740
Conc: 19.55 ug/ml



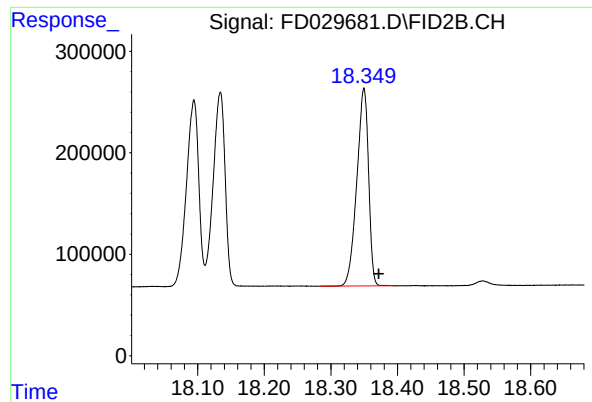
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.017 min
Response: 2369390
Conc: 20.08 ug/ml



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

R.T.: 18.134 min
Delta R.T.: -0.024 min
Response: 2369390
Conc: 20.47 ug/ml



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

R.T.: 18.350 min
Delta R.T.: -0.022 min
Response: 2386630
Conc: 20.56 ug/ml