

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102919AR\
 Data File : FD031269.D
 Signal(s) : FID2B.CH
 Acq On : 29 Oct 2019 18:46
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 30 02:17:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.537	2125860	22.240 ug/ml
Spiked Amount 50.000		Recovery =	44.48%
6) S 2-Fluorobiphenyl (SURR)	8.399	1368097	21.561 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.12%
11) S ortho-Terphenyl (SURR)	11.424	2307977	21.058 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.346	2226746	22.447 ug/ml
2) T Naphthalene (C11.7)	5.880	2334730	23.059 ug/ml
3) T 2-Methylnaphthalene (...)	6.929	2305548	22.486 ug/ml
5) T Acenaphthylene (C15.06)	8.200	2207736	21.387 ug/ml
7) T Acenaphthene (C15.5)	8.494	2380937	21.812 ug/ml
8) T Fluorene (C16.55)	9.273	2254950	21.753 ug/ml
9) T Phenanthrene (C19.36)	10.665	2235897	21.403 ug/ml
10) T Anthracene (C19.43)	10.740	1939394	18.483 ug/ml
12) T Fluoranthene (C21.85)	12.472	2272123	21.388 ug/ml
13) T Pyrene (C20.8)	12.767	2193381	20.700 ug/ml
14) T Benzo[a]anthracene (C...	14.678	2338493	24.341 ug/ml
15) T Chrysene (C27.41)	14.678	2338493	21.271 ug/ml
16) T benzo[b]fluoranthene ...	16.218	2338315	24.106 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	2338315	21.482 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	2104947	21.450 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.966	2407053	26.631 ug/ml
20) T Dibenz[a,h]anthracene...	17.966	2407053	23.447 ug/ml
21) T Benzo[g,h,i]perylene ...	18.184	2194873	23.026 ug/ml

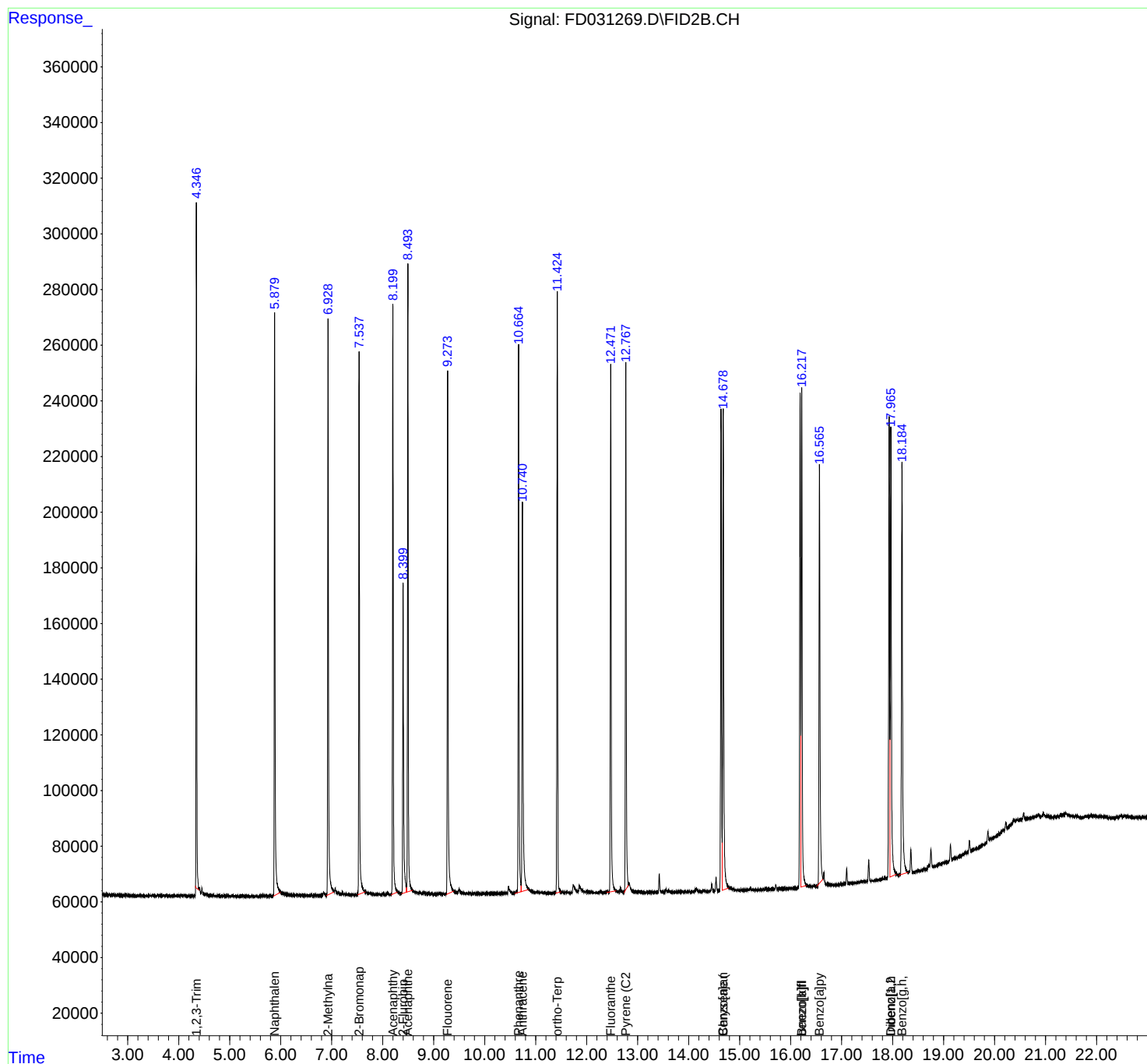
(f)=RT Delta > 1/2 Window

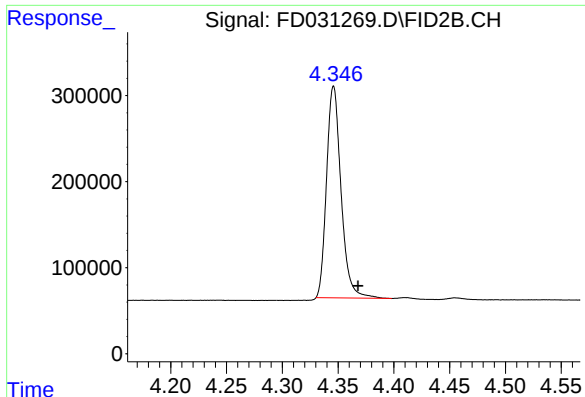
(m)=manual int.

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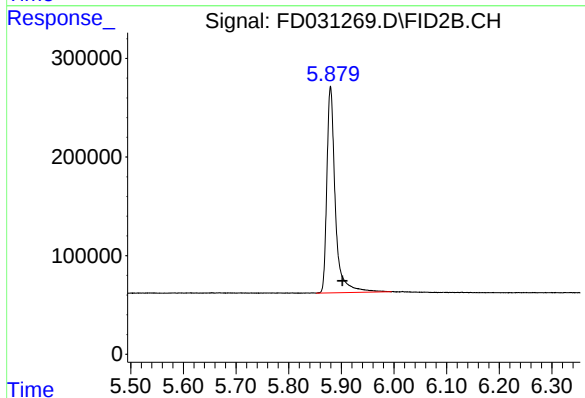
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





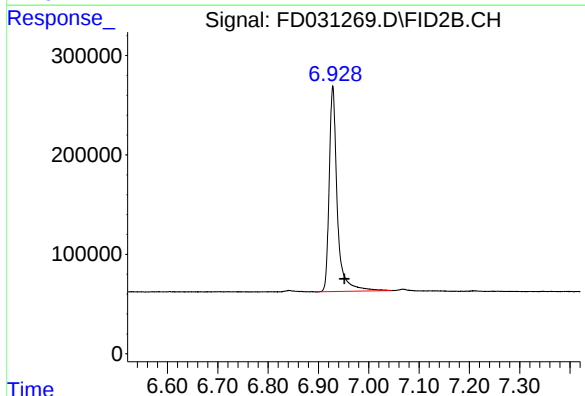
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.346 min
Delta R.T.: -0.022 min
Response: 2226746
Conc: 22.45 ug/ml



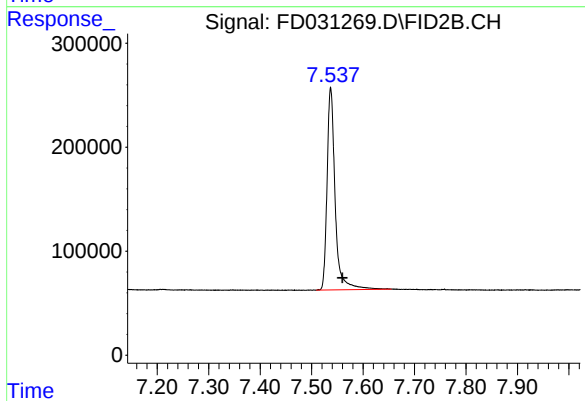
#2 Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: -0.022 min
Response: 2334730
Conc: 23.06 ug/ml



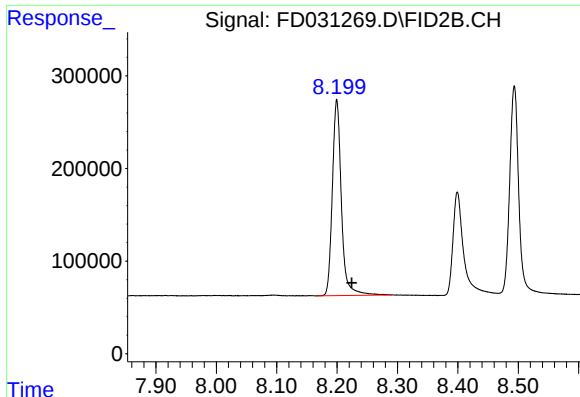
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.929 min
Delta R.T.: -0.023 min
Response: 2305548
Conc: 22.49 ug/ml



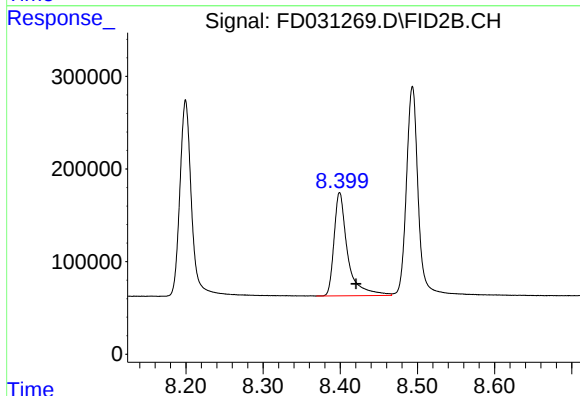
#4 2-Bromonaphthalene (SURR)

R.T.: 7.537 min
Delta R.T.: -0.023 min
Response: 2125860
Conc: 22.24 ug/ml



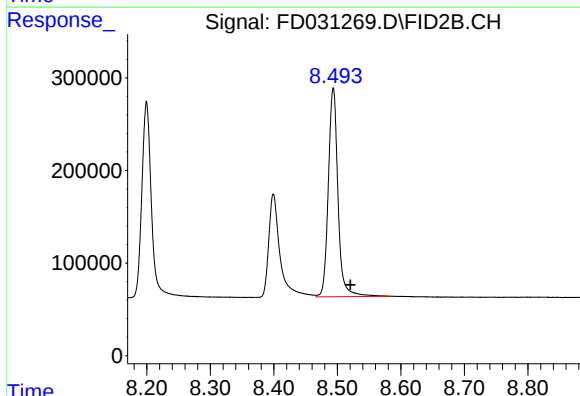
#5 Acenaphthylene (C15.06)

R.T.: 8.200 min
Delta R.T.: -0.025 min
Response: 2207736
Conc: 21.39 ug/ml



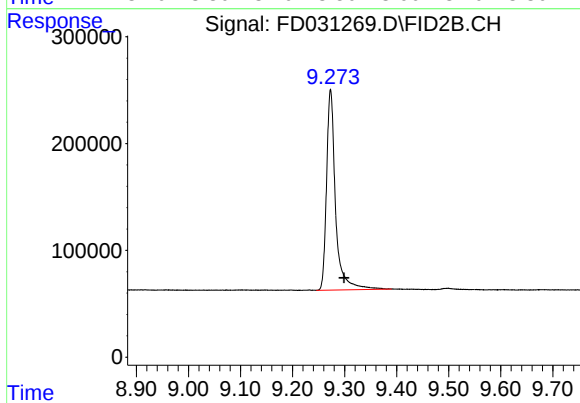
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: -0.021 min
Response: 1368097
Conc: 21.56 ug/ml



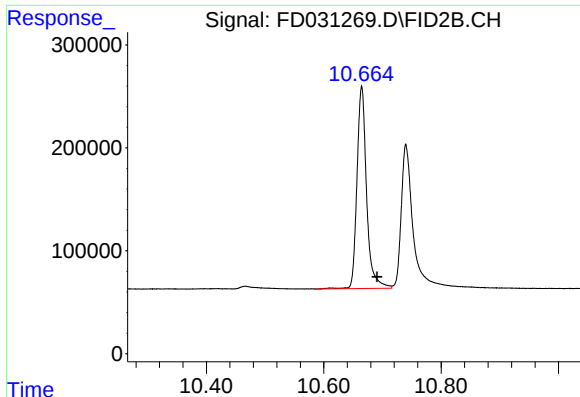
#7 Acenaphthene (C15.5)

R.T.: 8.494 min
Delta R.T.: -0.027 min
Response: 2380937
Conc: 21.81 ug/ml



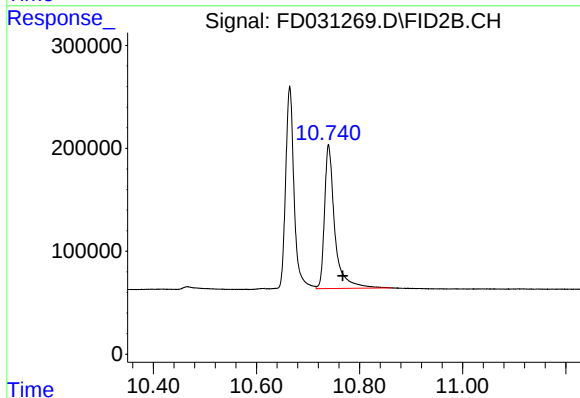
#8 Flouorene (C16.55)

R.T.: 9.273 min
Delta R.T.: -0.026 min
Response: 2254950
Conc: 21.75 ug/ml



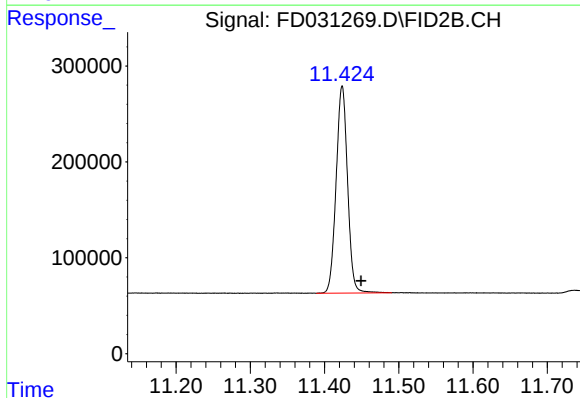
#9 Phenanthrene (C19.36)

R.T.: 10.665 min
Delta R.T.: -0.026 min
Response: 2235897
Conc: 21.40 ug/ml



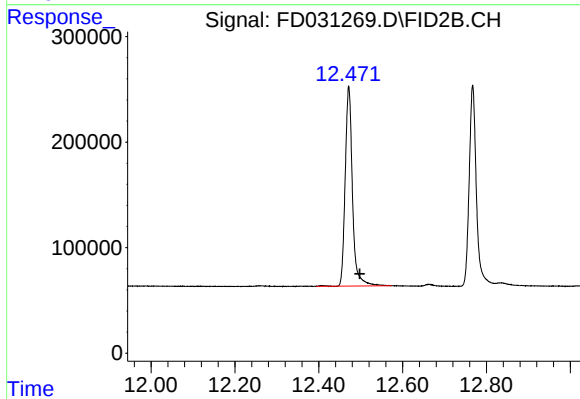
#10 Anthracene (C19.43)

R.T.: 10.740 min
Delta R.T.: -0.028 min
Response: 1939394
Conc: 18.48 ug/ml



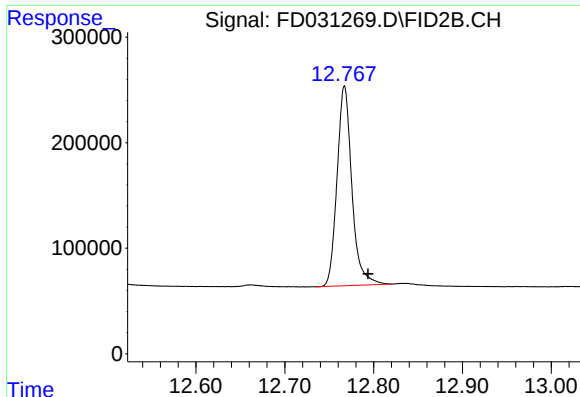
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.025 min
Response: 2307977
Conc: 21.06 ug/ml



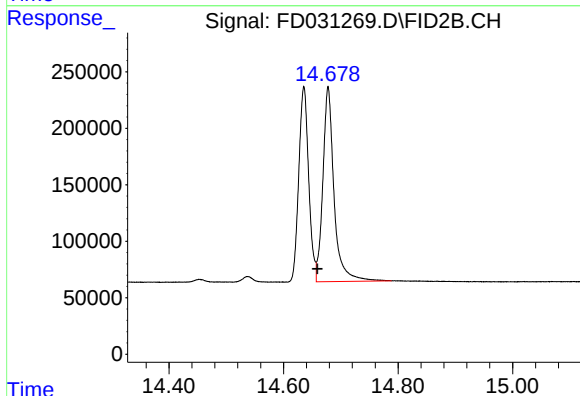
#12 Fluoranthene (C21.85)

R.T.: 12.472 min
Delta R.T.: -0.026 min
Response: 2272123
Conc: 21.39 ug/ml



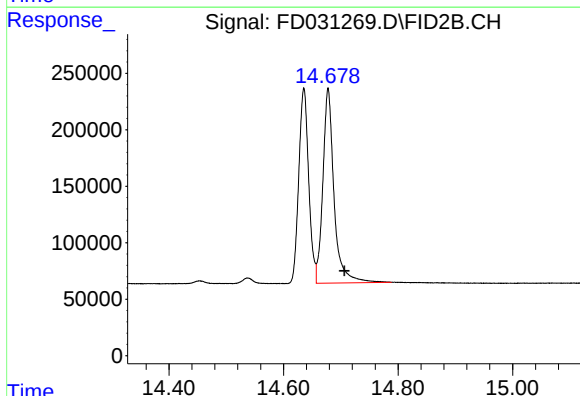
#13 Pyrene (C20.8)

R.T.: 12.767 min
Delta R.T.: -0.027 min
Response: 2193381
Conc: 20.70 ug/ml



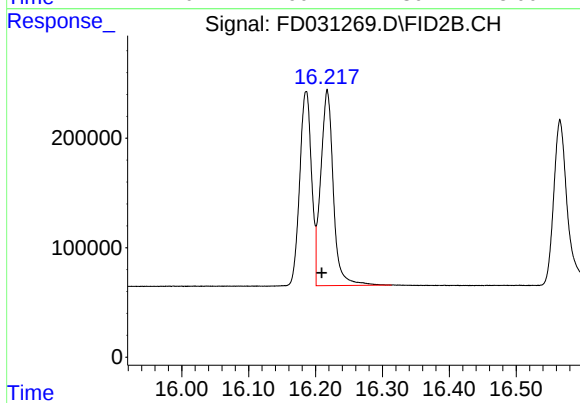
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.678 min
Delta R.T.: 0.019 min
Response: 2338493
Conc: 24.34 ug/ml



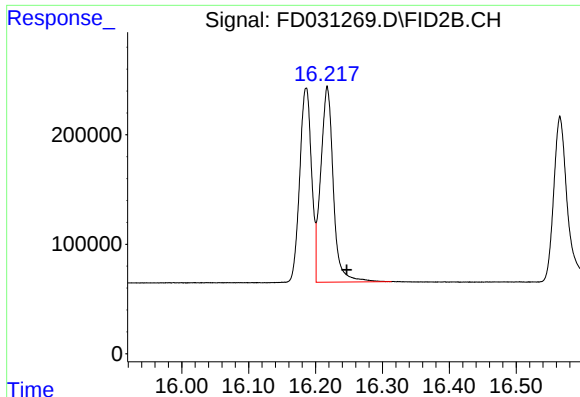
#15 Chrysene (C27.41)

R.T.: 14.678 min
Delta R.T.: -0.028 min
Response: 2338493
Conc: 21.27 ug/ml



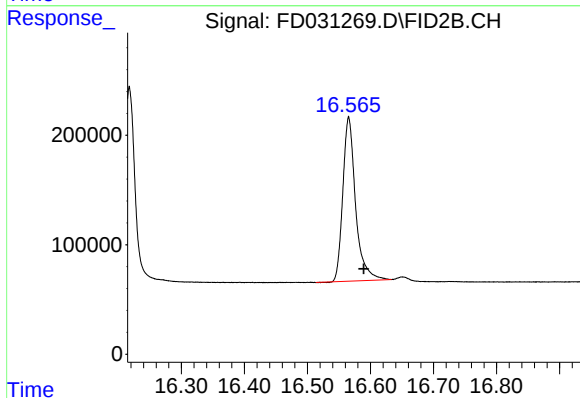
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.218 min
Delta R.T.: 0.008 min
Response: 2338315
Conc: 24.11 ug/ml



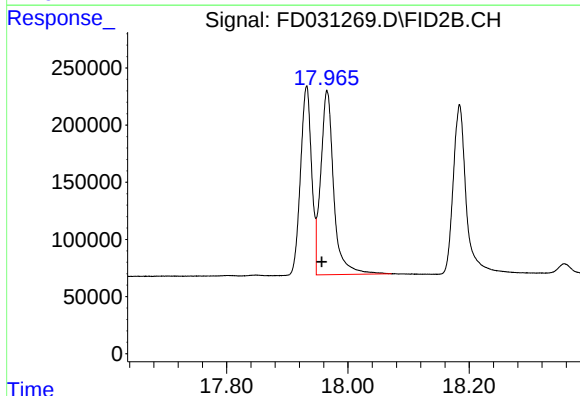
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.218 min
Delta R.T.: -0.029 min
Response: 2338315
Conc: 21.48 ug/ml



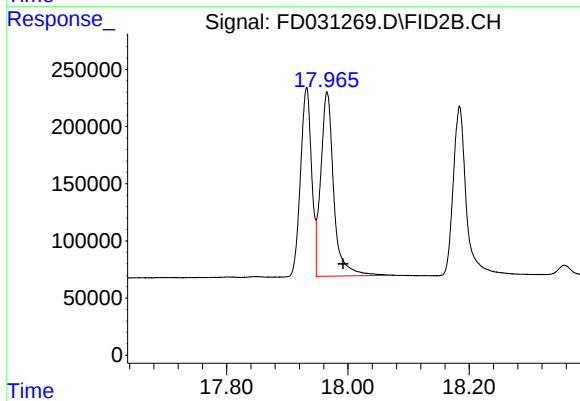
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: -0.024 min
Response: 2104947
Conc: 21.45 ug/ml



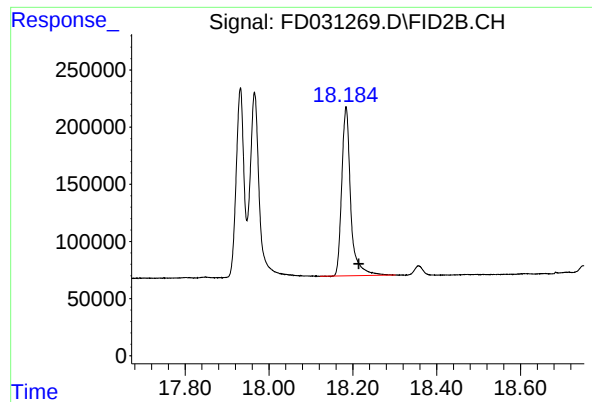
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.966 min
Delta R.T.: 0.009 min
Response: 2407053
Conc: 26.63 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.026 min
Response: 2407053
Conc: 23.45 ug/ml



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

R.T.: 18.184 min
Delta R.T.: -0.030 min
Response: 2194873
Conc: 23.03 ug/ml