

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022522AR\
 Data File : FD041270.D
 Signal(s) : FID2B.CH
 Acq On : 25 Feb 2022 13:58
 Operator : UA/NP
 Sample : PB142926BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 21:58:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.365	6468234	40.032 ug/ml
Spiked Amount 50.000		Recovery =	80.06%
6) S 2-Fluorobiphenyl (SURR)	8.213	4347154	41.761 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.52%
11) S ortho-Terphenyl (SURR)	11.247	6112891	34.850 ug/ml
Spiked Amount 50.000		Recovery =	69.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	5505449	31.413 ug/ml
2) T Naphthalene (C11.7)	5.707	6257270	34.308 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	6456350	35.672 ug/ml
5) T Acenaphthylene (C15.06)	8.017	6584448	36.832 ug/ml
7) T Acenaphthene (C15.5)	8.312	7163494	37.476 ug/ml
8) T Flouorene (C16.55)	9.089	7152680	41.770 ug/ml
9) T Phenanthrene (C19.36)	10.475	7315807	44.530 ug/ml
10) T Anthracene (C19.43)	10.550	7313039	45.729 ug/ml
12) T Fluoranthene (C21.85)	12.277	7859008	46.776 ug/ml
13) T Pyrene (C20.8)	12.571	7098603	42.341 ug/ml
14) T Benzo[a]anthracene (C...	14.440	6592231	45.427 ug/ml
15) T Chrysene (C27.41)	14.483	6506240	39.510 ug/ml
16) T benzo[b]fluoranthene ...	15.986	6395132	46.857 ug/ml
17) T Bnezo[k]fluoranthene ...	16.021	6219948	42.149 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	5838977	44.406 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.725	5567979	44.417 ug/ml
20) T Dibenz[a,h]anthracene...	17.765	5739459	40.603 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	5911482	45.657 ug/ml

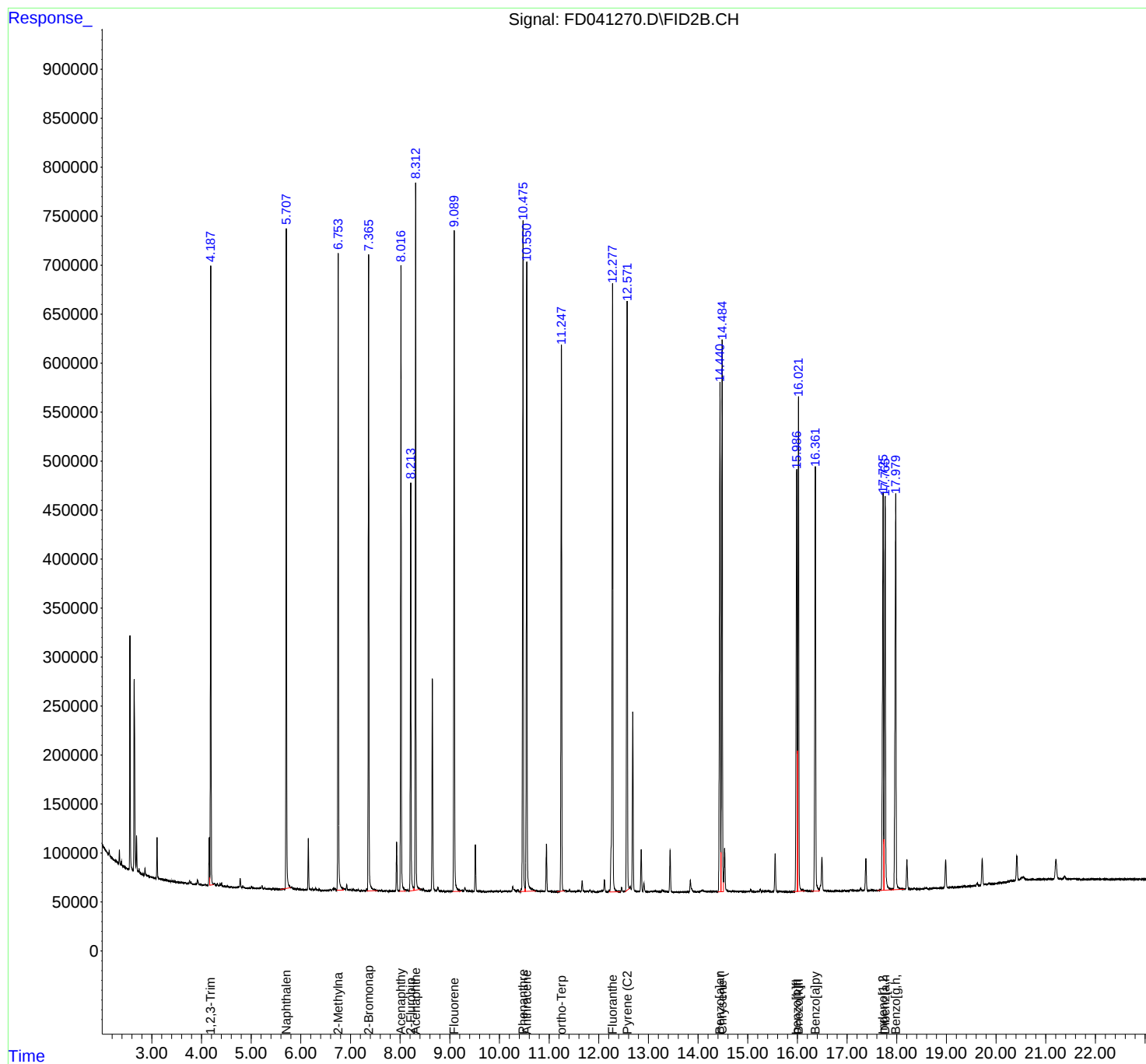
(f)=RT Delta > 1/2 Window

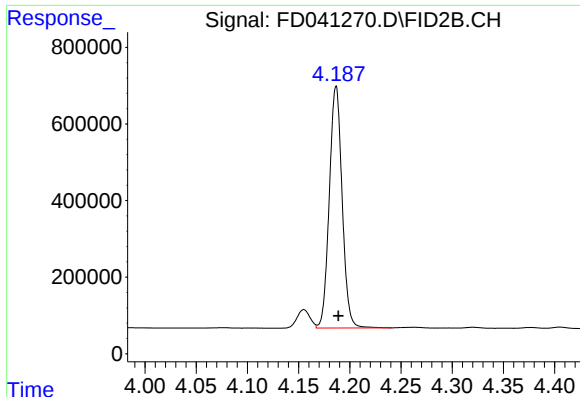
(m)=manual int.

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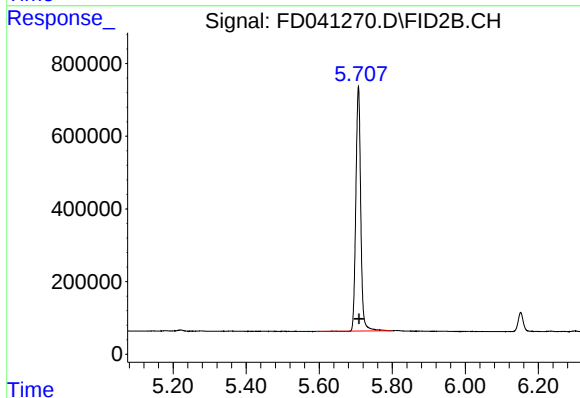
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Signal Info : 20M x 0.18mm x 0.18µm





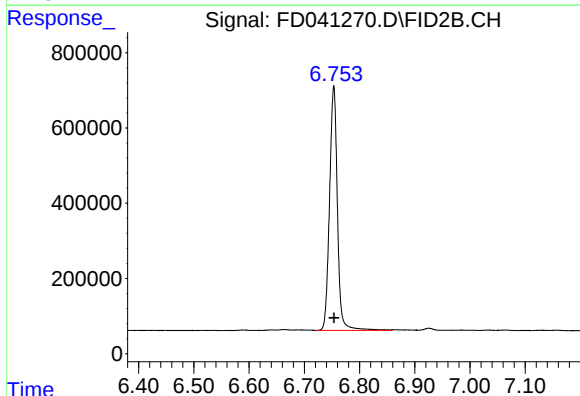
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 5505449
Conc: 31.41 ug/ml



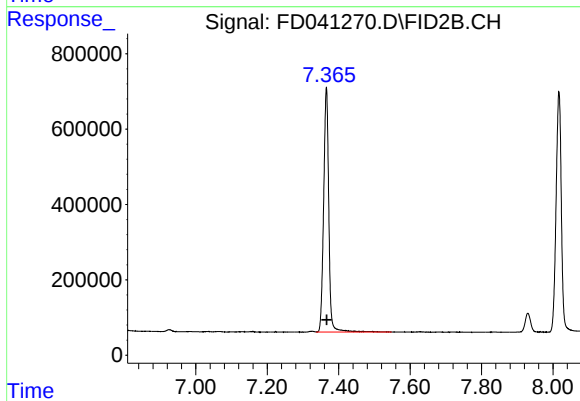
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 6257270
Conc: 34.31 ug/ml



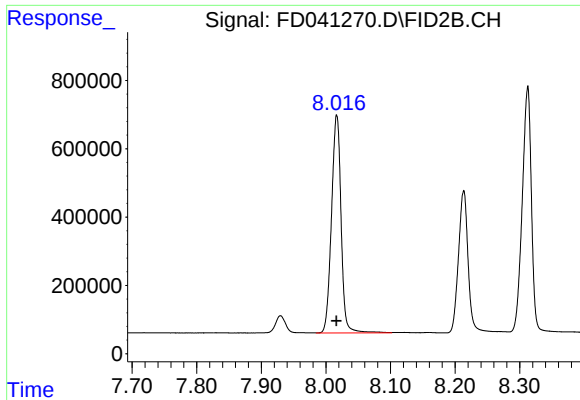
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 6456350
Conc: 35.67 ug/ml



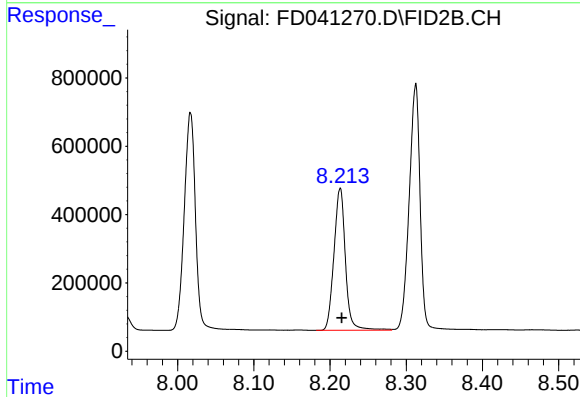
#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 6468234
Conc: 40.03 ug/ml



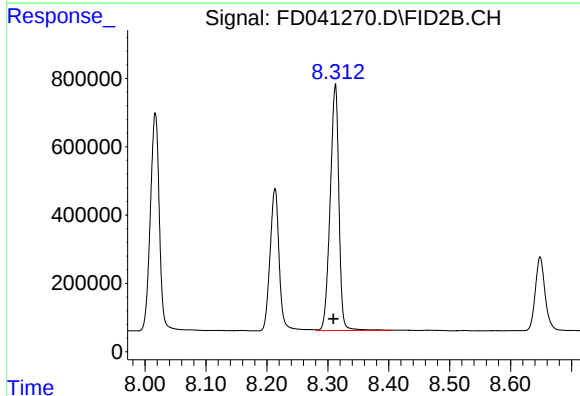
#5 Acenaphthylene (C15.06)

R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 6584448
Conc: 36.83 ug/ml



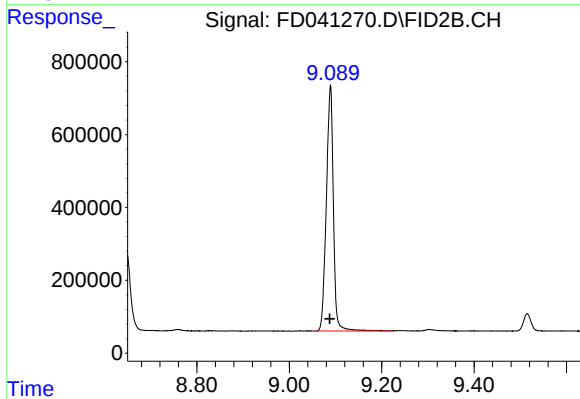
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: -0.002 min
Response: 4347154
Conc: 41.76 ug/ml



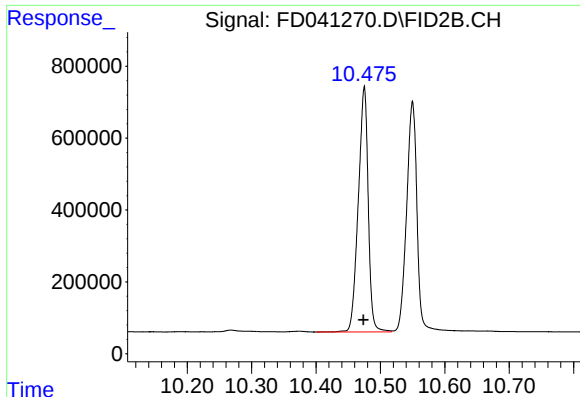
#7 Acenaphthene (C15.5)

R.T.: 8.312 min
Delta R.T.: 0.003 min
Response: 7163494
Conc: 37.48 ug/ml



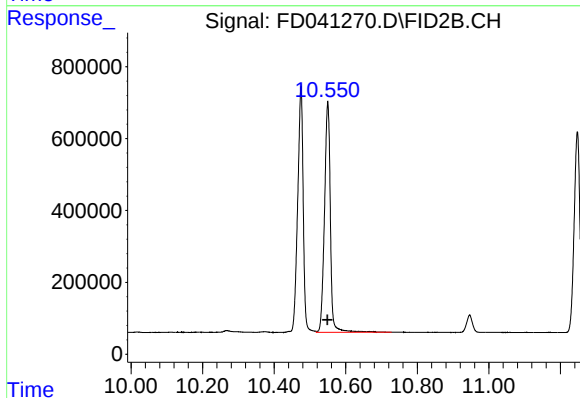
#8 Flouorene (C16.55)

R.T.: 9.089 min
Delta R.T.: 0.001 min
Response: 7152680
Conc: 41.77 ug/ml



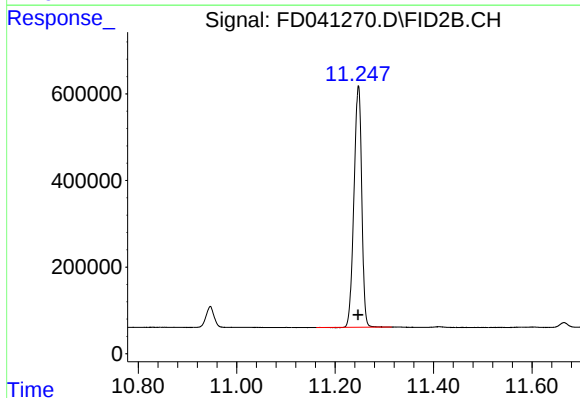
#9 Phenanthrene (C19.36)

R.T.: 10.475 min
Delta R.T.: 0.000 min
Response: 7315807
Conc: 44.53 ug/ml



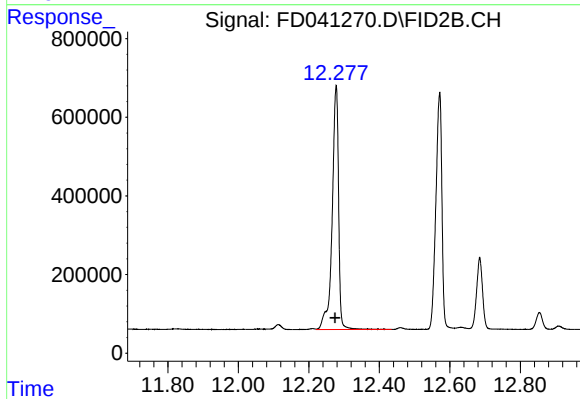
#10 Anthracene (C19.43)

R.T.: 10.550 min
Delta R.T.: 0.000 min
Response: 7313039
Conc: 45.73 ug/ml



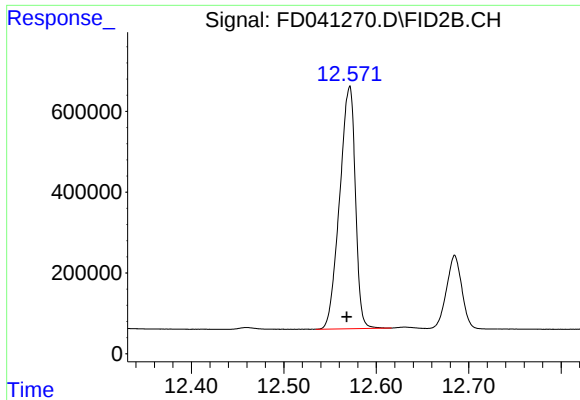
#11 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 6112891
Conc: 34.85 ug/ml



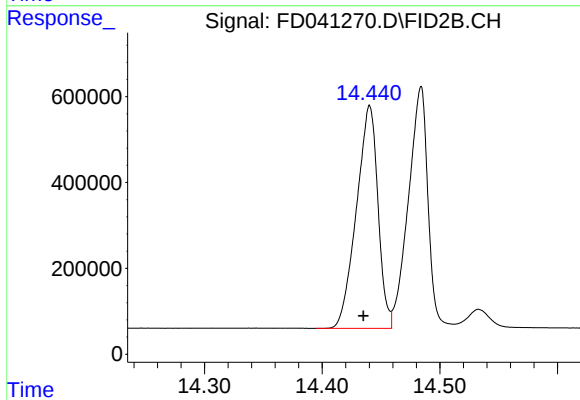
#12 Fluoranthene (C21.85)

R.T.: 12.277 min
Delta R.T.: 0.002 min
Response: 7859008
Conc: 46.78 ug/ml



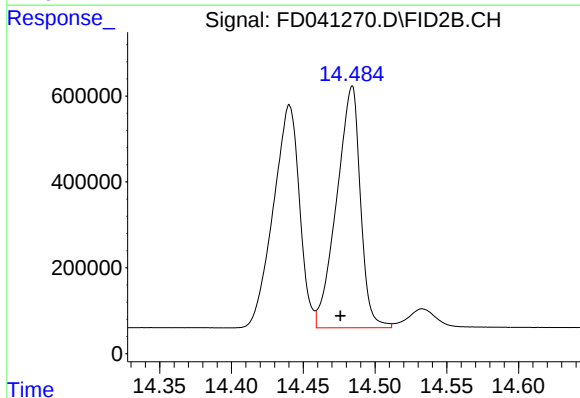
#13 Pyrene (C20.8)

R.T.: 12.571 min
Delta R.T.: 0.003 min
Response: 7098603
Conc: 42.34 ug/ml



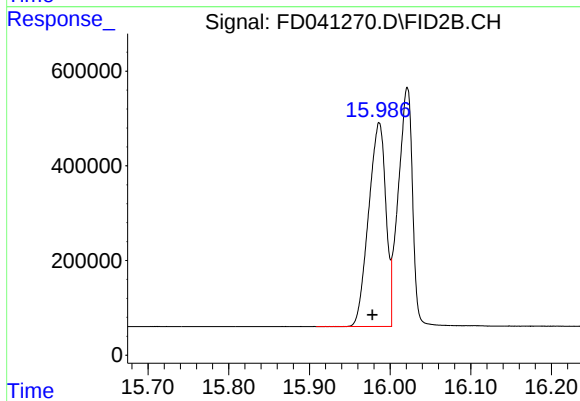
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: 0.005 min
Response: 6592231
Conc: 45.43 ug/ml



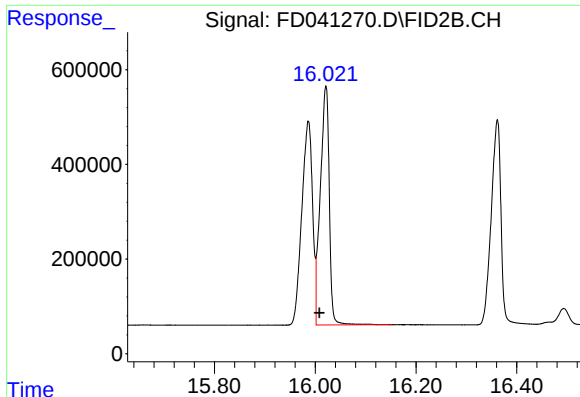
#15 Chrysene (C27.41)

R.T.: 14.483 min
Delta R.T.: 0.008 min
Response: 6506240
Conc: 39.51 ug/ml



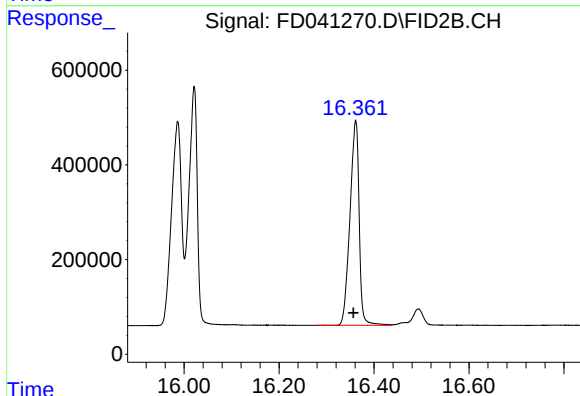
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.986 min
Delta R.T.: 0.008 min
Response: 6395132
Conc: 46.86 ug/ml



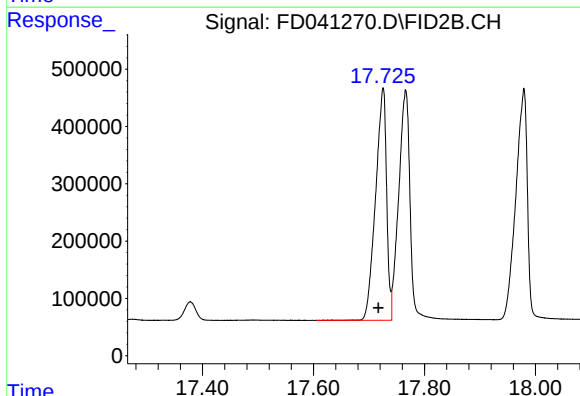
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.021 min
Delta R.T.: 0.012 min
Response: 6219948
Conc: 42.15 ug/ml



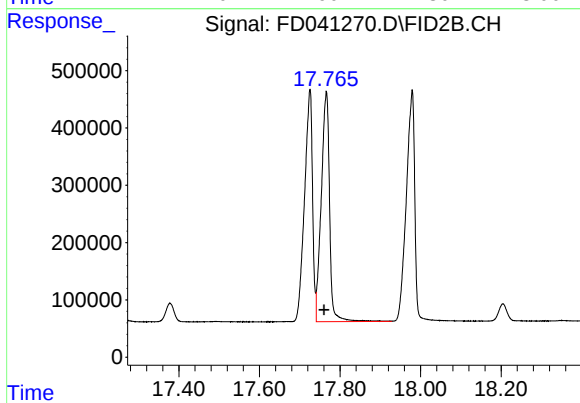
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: 0.005 min
Response: 5838977
Conc: 44.41 ug/ml



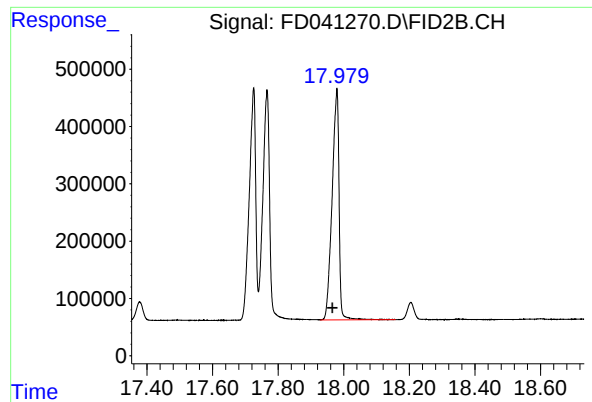
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.725 min
Delta R.T.: 0.008 min
Response: 5567979
Conc: 44.42 ug/ml



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

R.T.: 17.765 min
Delta R.T.: 0.005 min
Response: 5739459
Conc: 40.60 ug/ml



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

R.T.: 17.978 min
Delta R.T.: 0.013 min
Response: 5911482
Conc: 45.66 ug/ml