

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121021AR\
 Data File : FD039796.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 21:28
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 23:34:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 04:09:28 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...	7.573	2836219	19.897 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
6) S 2-Fluorobiphenyl (SURR)	8.434	1877135	19.696 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.39%
11) S ortho-Terphenyl (SURR)	11.471	3153239	19.516 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.375	3047867	19.859 ug/ml
2) T Naphthalene (C11.7)	5.912	3108708	19.869 ug/ml
3) T 2-Methylnaphthalene (...)	6.963	3180969	19.733 ug/ml
5) T Acenaphthylene (C15.06)	8.236	3070945	19.757 ug/ml
7) T Acenaphthene (C15.5)	8.530	3235392	19.570 ug/ml
8) T Flouorene (C16.55)	9.312	3090578	19.705 ug/ml
9) T Phenanthrene (C19.36)	10.707	3121944	19.707 ug/ml
10) T Anthracene (C19.43)	10.782	2847959	19.431 ug/ml
12) T Fluoranthene (C21.85)	12.516	3158330	19.993 ug/ml
13) T Pyrene (C20.8)	12.812	3037419	19.865 ug/ml
14) T Benzo[a]anthracene (C...	14.684	2644030	20.789 ug/ml
15) T Chrysene (C27.41)	14.725	2805530	20.264 ug/ml
16) T benzo[b]fluoranthene ...	16.233	2621234	21.273 ug/ml
17) T Bnezo[k]fluoranthene ...	16.264	2726076	21.388 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.610	2439595	21.586 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.975	2175853	20.803 ug/ml
20) T Dibenz[a,h]anthracene...	18.012	2257352	21.770 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	2294280	20.970 ug/ml

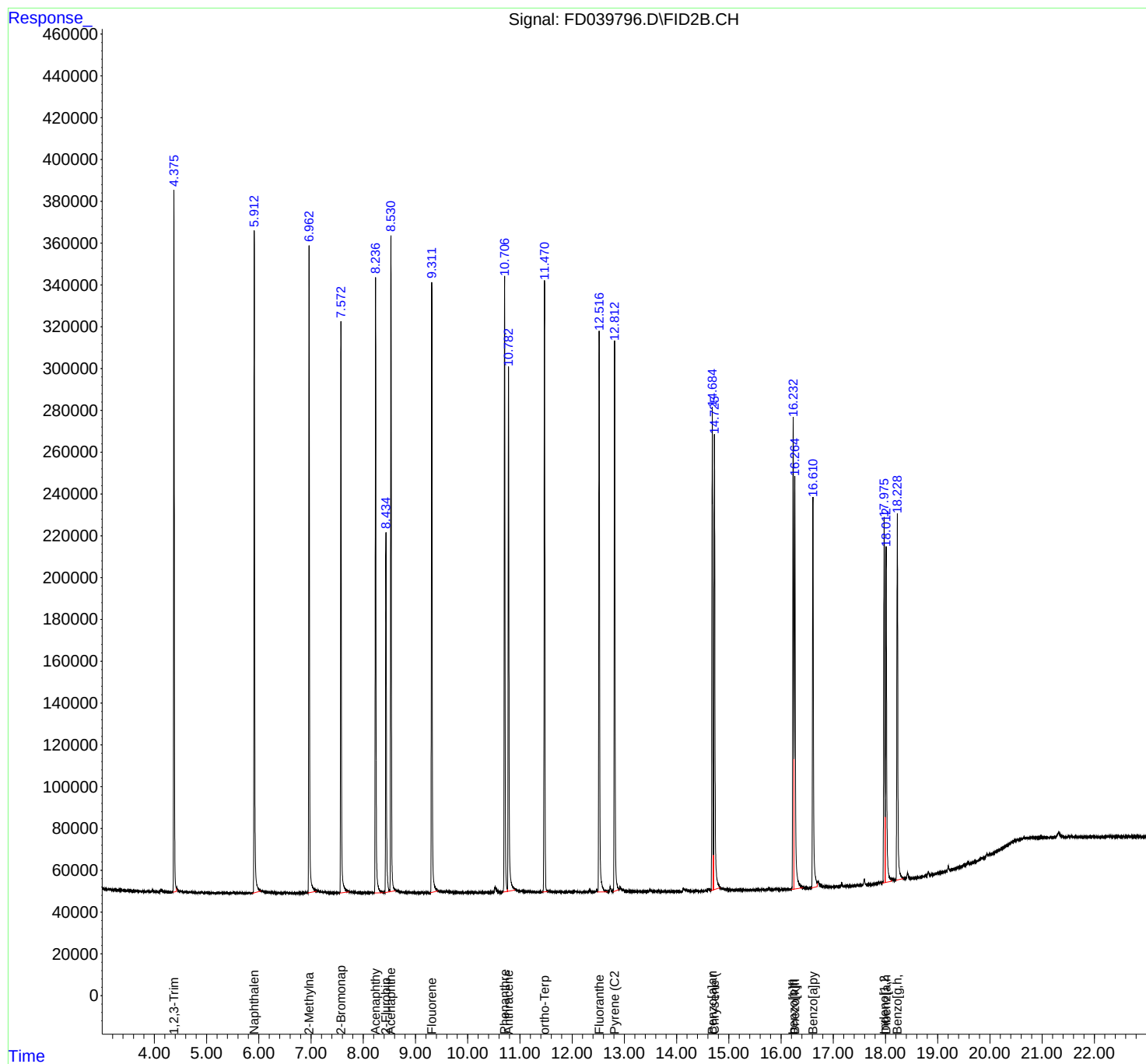
(f)=RT Delta > 1/2 Window

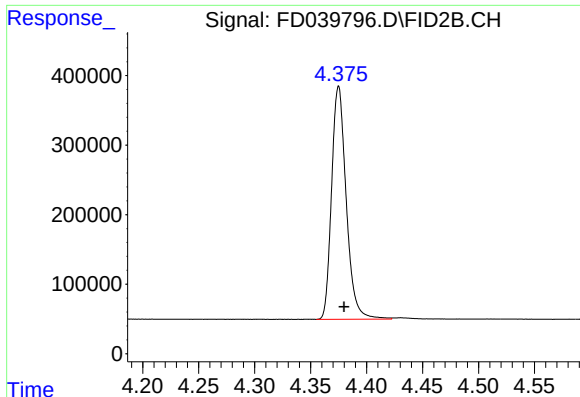
(m)=manual int.

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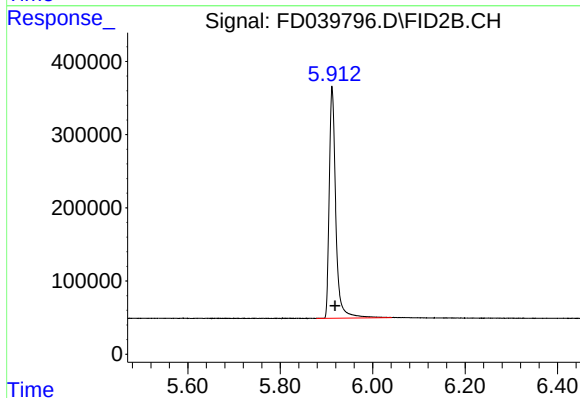
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Signal Info : 20M x 0.18mm x 0.18µm





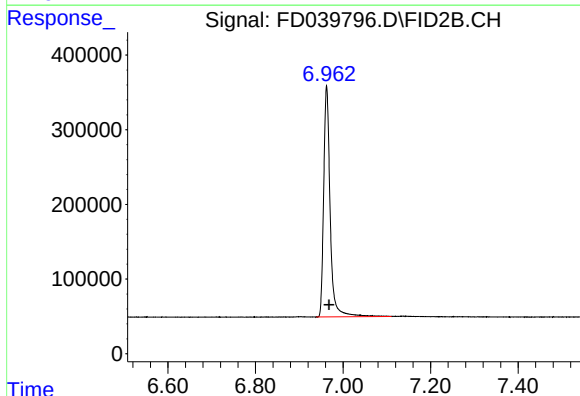
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.375 min
Delta R.T.: -0.005 min
Response: 3047867
Conc: 19.86 ug/ml



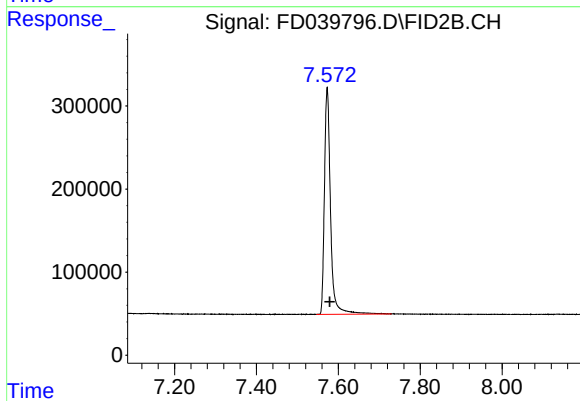
#2 Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: -0.006 min
Response: 3108708
Conc: 19.87 ug/ml



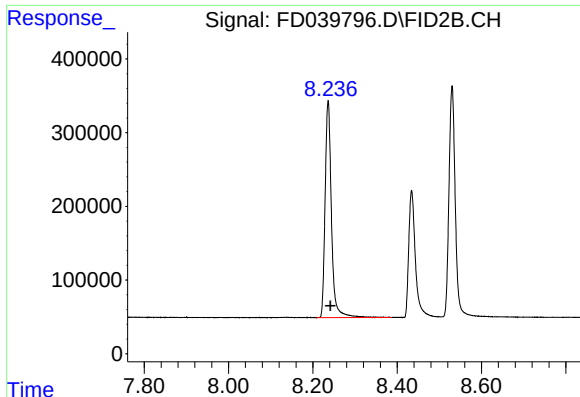
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.963 min
Delta R.T.: -0.006 min
Response: 3180969
Conc: 19.73 ug/ml



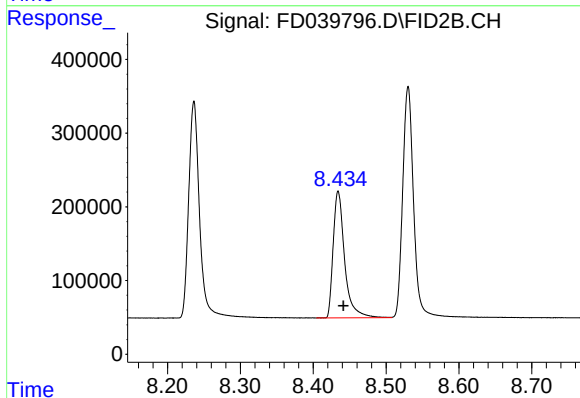
#4 2-Bromonaphthalene (SURR)

R.T.: 7.573 min
Delta R.T.: -0.006 min
Response: 2836219
Conc: 19.90 ug/ml



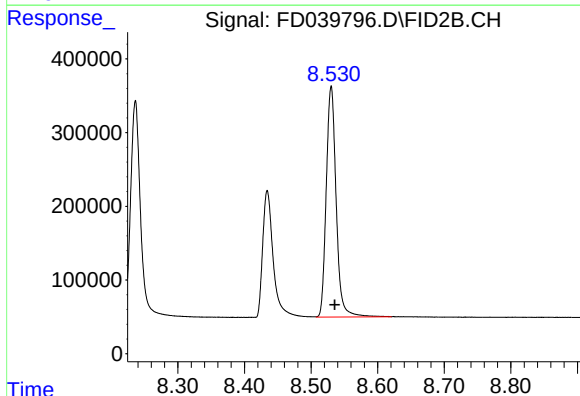
#5 Acenaphthylene (C15.06)

R.T.: 8.236 min
Delta R.T.: -0.005 min
Response: 3070945
Conc: 19.76 ug/ml



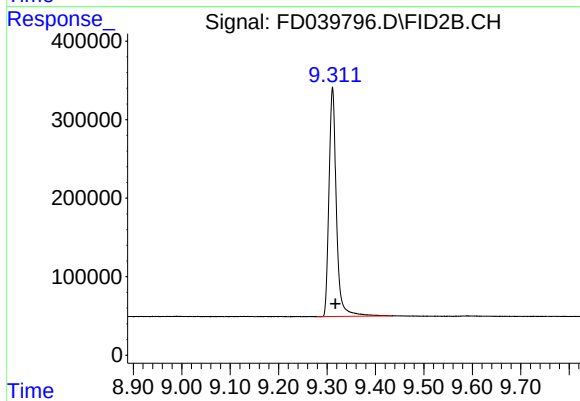
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.434 min
Delta R.T.: -0.007 min
Response: 1877135
Conc: 19.70 ug/ml



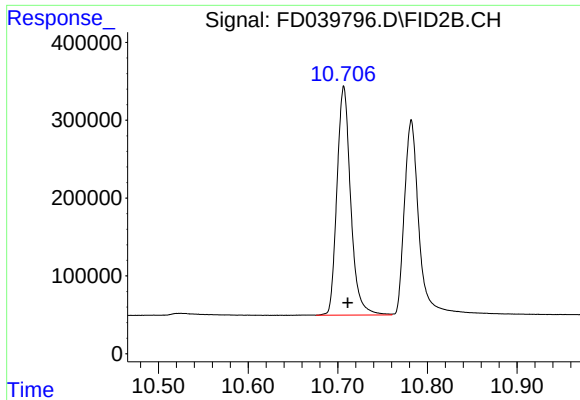
#7 Acenaphthene (C15.5)

R.T.: 8.530 min
Delta R.T.: -0.005 min
Response: 3235392
Conc: 19.57 ug/ml



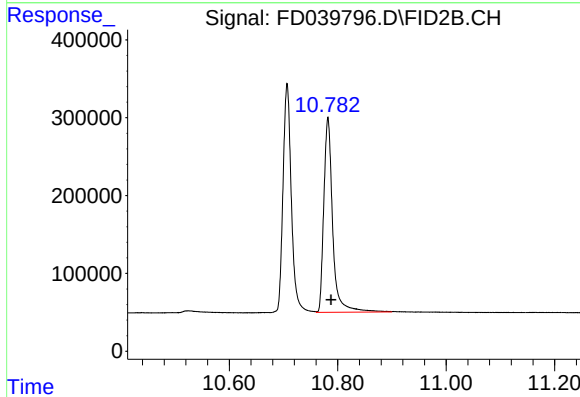
#8 Fluorene (C16.55)

R.T.: 9.312 min
Delta R.T.: -0.006 min
Response: 3090578
Conc: 19.70 ug/ml



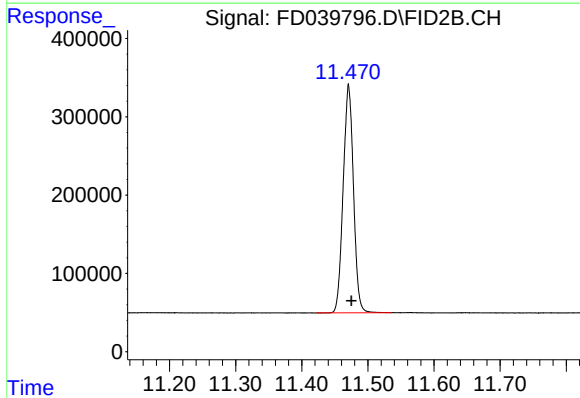
#9 Phenanthrene (C19.36)

R.T.: 10.707 min
Delta R.T.: -0.004 min
Response: 3121944
Conc: 19.71 ug/ml



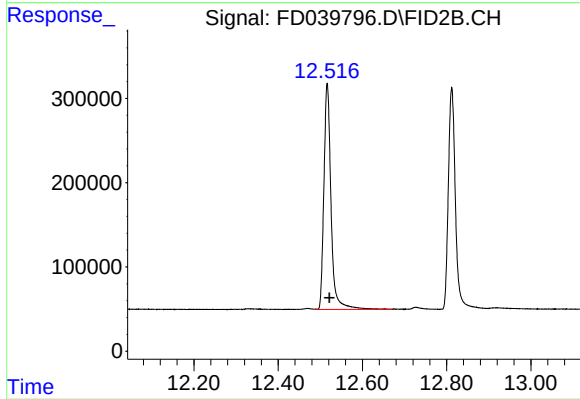
#10 Anthracene (C19.43)

R.T.: 10.782 min
Delta R.T.: -0.006 min
Response: 2847959
Conc: 19.43 ug/ml



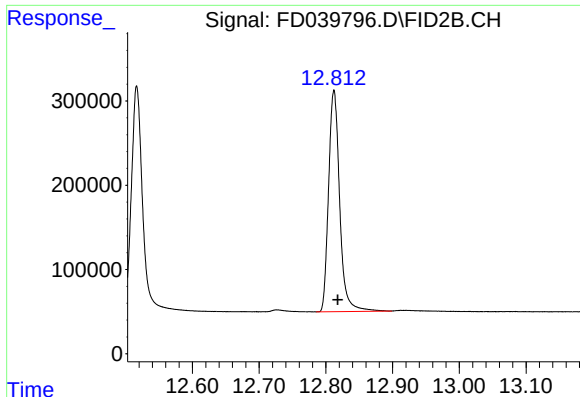
#11 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.004 min
Response: 3153239
Conc: 19.52 ug/ml



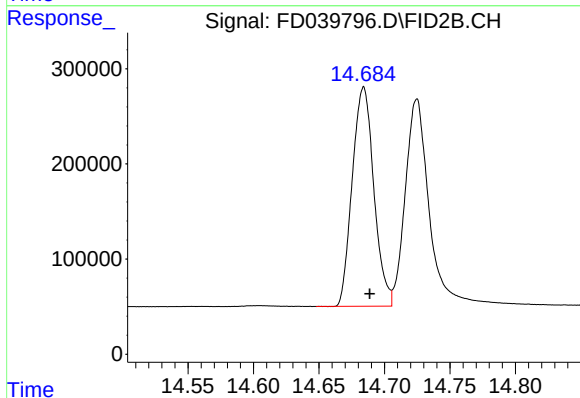
#12 Fluoranthene (C21.85)

R.T.: 12.516 min
Delta R.T.: -0.006 min
Response: 3158330
Conc: 19.99 ug/ml



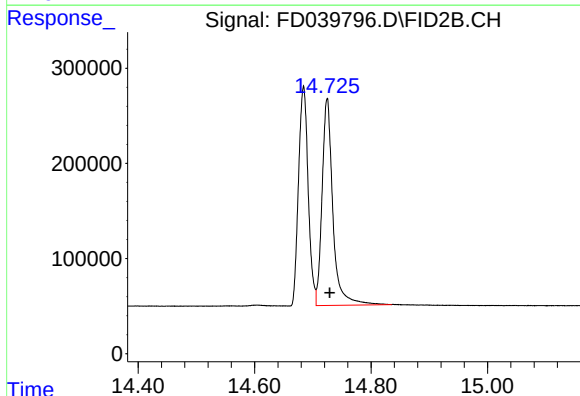
#13 Pyrene (C20.8)

R.T.: 12.812 min
Delta R.T.: -0.006 min
Response: 3037419
Conc: 19.87 ug/ml



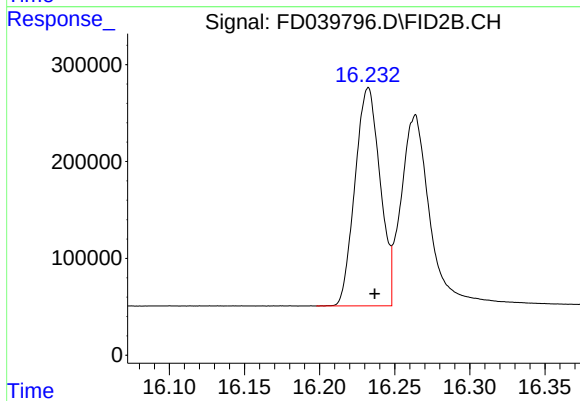
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.684 min
Delta R.T.: -0.005 min
Response: 2644030
Conc: 20.79 ug/ml



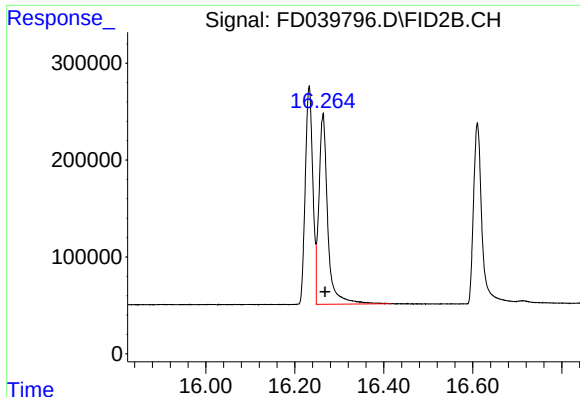
#15 Chrysene (C27.41)

R.T.: 14.725 min
Delta R.T.: -0.004 min
Response: 2805530
Conc: 20.26 ug/ml



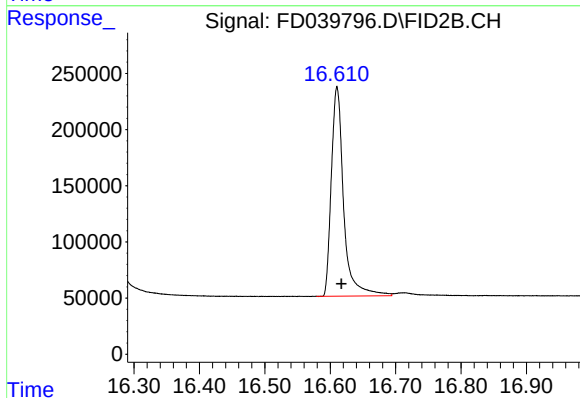
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.233 min
Delta R.T.: -0.004 min
Response: 2621234
Conc: 21.27 ug/ml



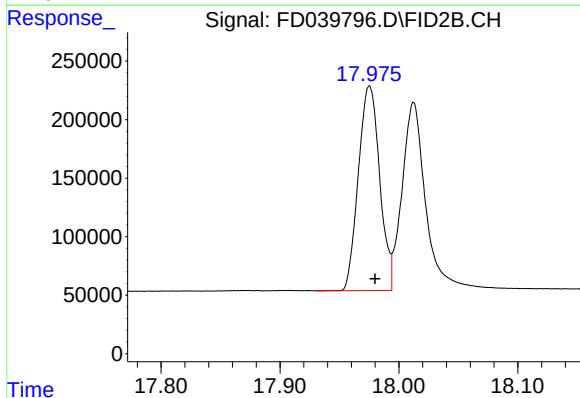
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.264 min
Delta R.T.: -0.004 min
Response: 2726076
Conc: 21.39 ug/ml



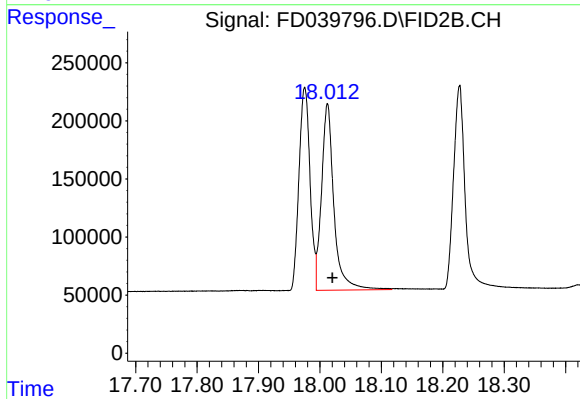
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.610 min
Delta R.T.: -0.007 min
Response: 2439595
Conc: 21.59 ug/ml



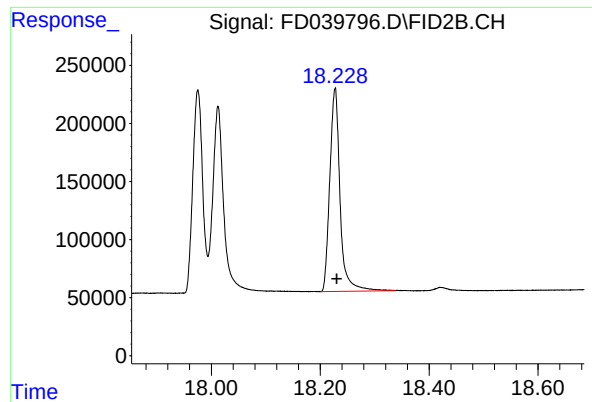
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.975 min
Delta R.T.: -0.005 min
Response: 2175853
Conc: 20.80 ug/ml



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

R.T.: 18.012 min
Delta R.T.: -0.008 min
Response: 2257352
Conc: 21.77 ug/ml



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

R.T.: 18.228 min
Delta R.T.: -0.003 min
Response: 2294280
Conc: 20.97 ug/ml