

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 11 09:04:02 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	2765771	19.403 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
6) S 2-Fluorobiphenyl (SURR)	8.434	1873642	19.659 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.32%
11) S ortho-Terphenyl (SURR)	11.471	3154469	19.524 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.375	3004244	19.575 ug/ml
2) T Naphthalene (C11.7)	5.912	3076525	19.663 ug/ml
3) T 2-Methylnaphthalene (...)	6.963	3131334	19.425 ug/ml
5) T Acenaphthylene (C15.06)	8.236	3044203	19.585 ug/ml
7) T Acenaphthene (C15.5)	8.530	3239481	19.594 ug/ml
8) T Fluorene (C16.55)	9.312	3080250	19.639 ug/ml
9) T Phenanthrene (C19.36)	10.707	3119046	19.689 ug/ml
10) T Anthracene (C19.43)	10.782	2825335	19.277 ug/ml
12) T Fluoranthene (C21.85)	12.516	3117483	19.735 ug/ml
13) T Pyrene (C20.8)	12.812	3033188	19.838 ug/ml
14) T Benzo[a]anthracene (C...	14.684	2644809	20.795 ug/ml
15) T Chrysene (C27.41)	14.725	2817680	20.352 ug/ml
16) T benzo[b]fluoranthene ...	16.233	2619576	21.260 ug/ml
17) T Bnezo[k]fluoranthene ...	16.264	2698647	21.173 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.610	2378085	21.041 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.975	2165573	20.705 ug/ml
20) T Dibenz[a,h]anthracene...	18.012	2204141	21.257 ug/ml
21) T Benzo[g,h,i]perylene ...	18.227	2268863	20.737 ug/ml

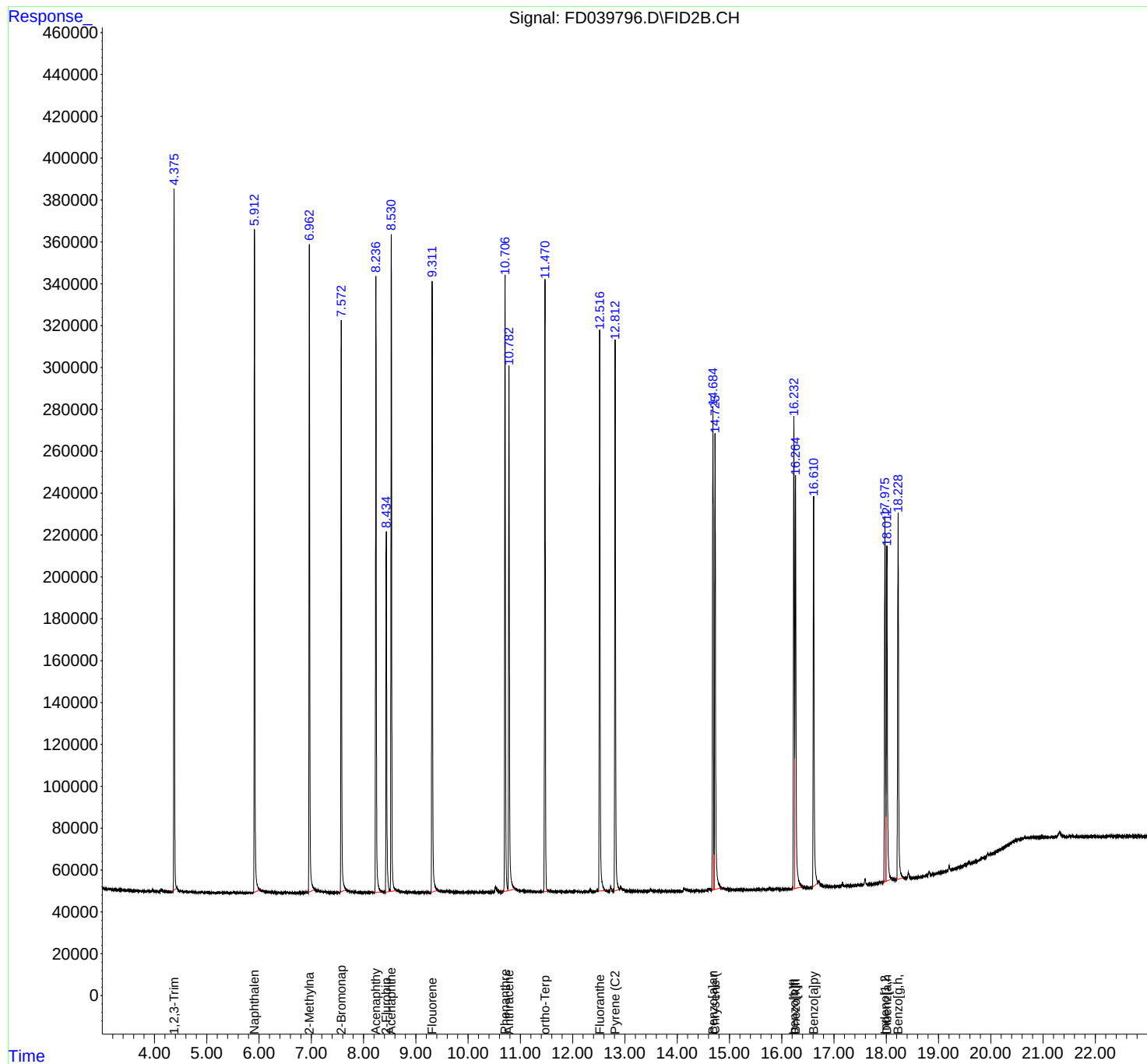
(f)=RT Delta > 1/2 Window

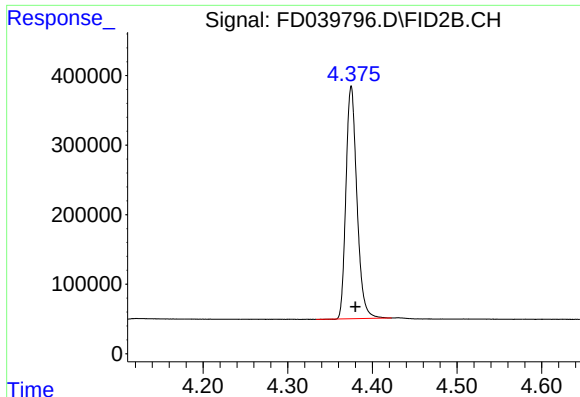
(m)=manual int.

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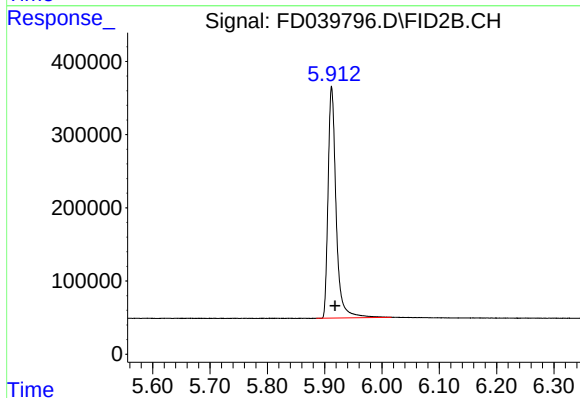
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





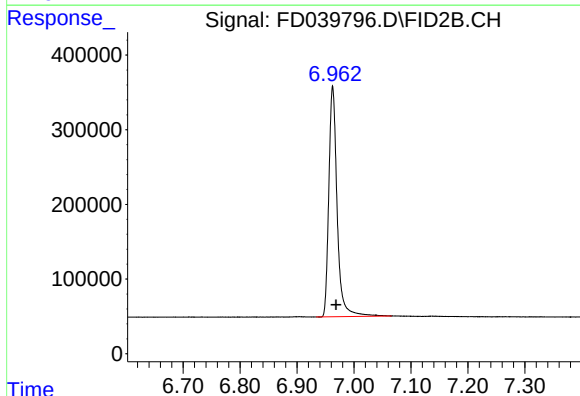
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.375 min
Delta R.T.: -0.005 min
Response: 3004244
Conc: 19.57 ug/ml



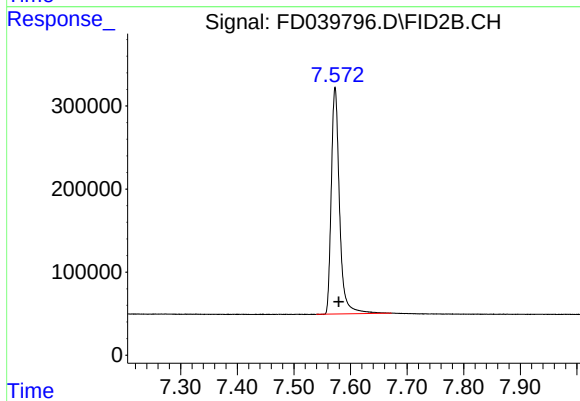
#2 Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: -0.006 min
Response: 3076525
Conc: 19.66 ug/ml



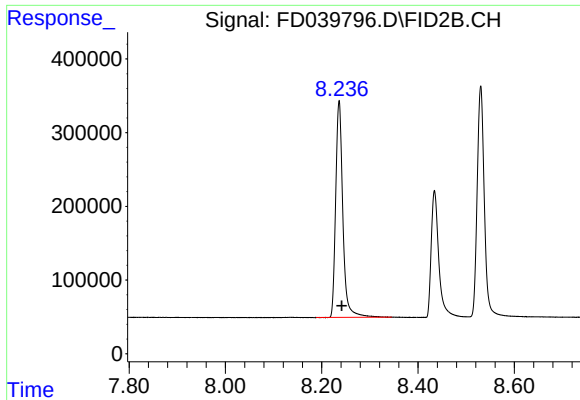
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.963 min
Delta R.T.: -0.006 min
Response: 3131334
Conc: 19.42 ug/ml



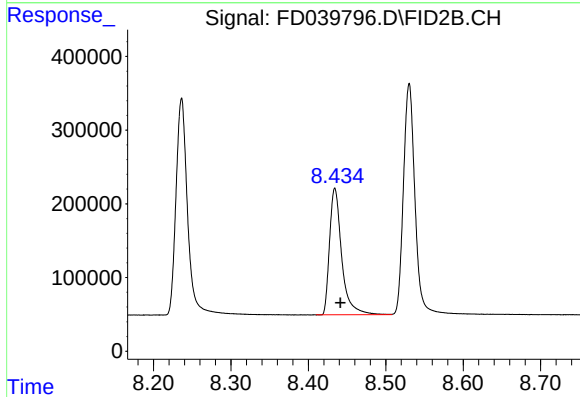
#4 2-Bromonaphthalene (SURR)

R.T.: 7.573 min
Delta R.T.: -0.006 min
Response: 2765771
Conc: 19.40 ug/ml



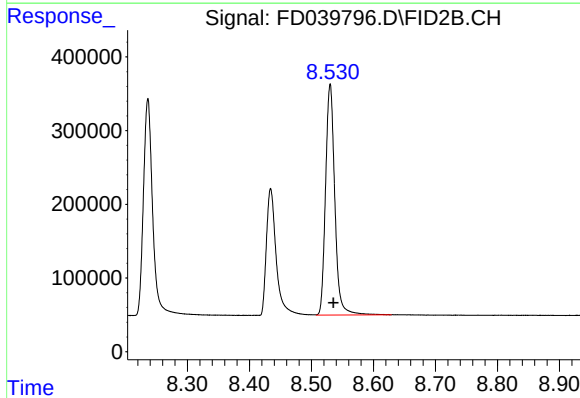
#5 Acenaphthylene (C15.06)

R.T.: 8.236 min
Delta R.T.: -0.005 min
Response: 3044203
Conc: 19.58 ug/ml



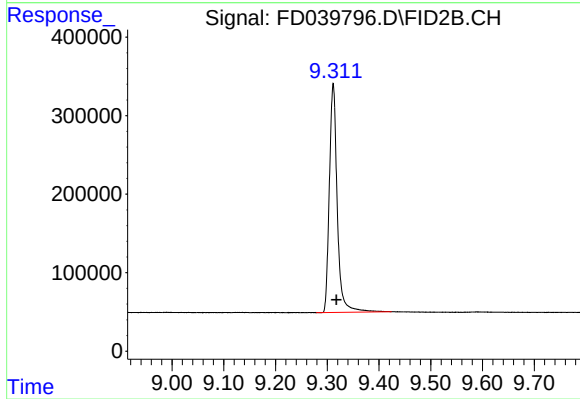
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.434 min
Delta R.T.: -0.007 min
Response: 1873642
Conc: 19.66 ug/ml



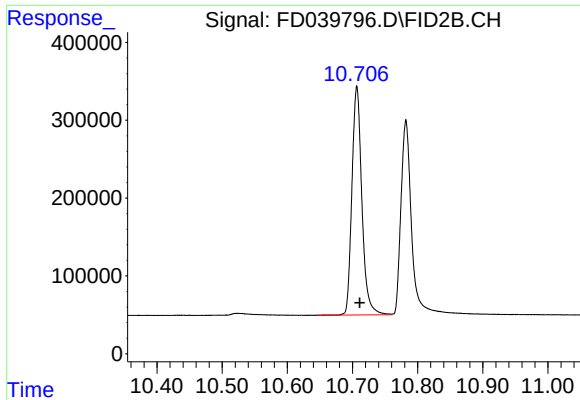
#7 Acenaphthene (C15.5)

R.T.: 8.530 min
Delta R.T.: -0.005 min
Response: 3239481
Conc: 19.59 ug/ml



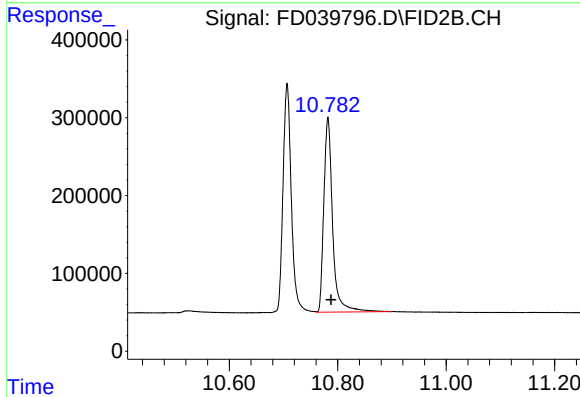
#8 Fluorene (C16.55)

R.T.: 9.312 min
Delta R.T.: -0.006 min
Response: 3080250
Conc: 19.64 ug/ml



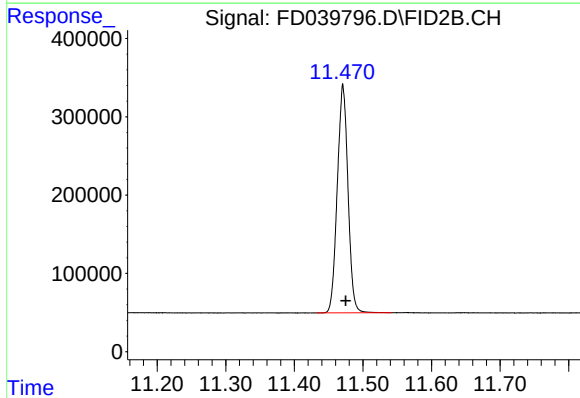
#9 Phenanthrene (C19.36)

R.T.: 10.707 min
Delta R.T.: -0.004 min
Response: 3119046
Conc: 19.69 ug/ml



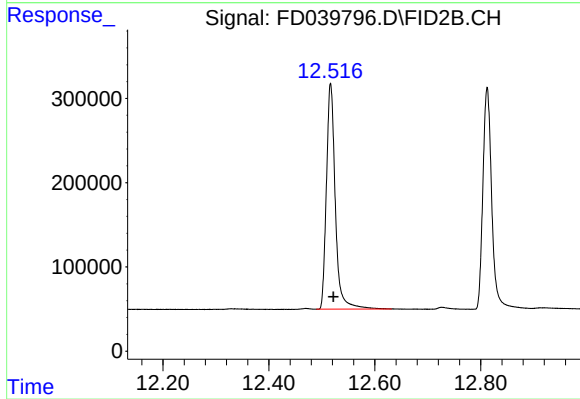
#10 Anthracene (C19.43)

R.T.: 10.782 min
Delta R.T.: -0.006 min
Response: 2825335
Conc: 19.28 ug/ml



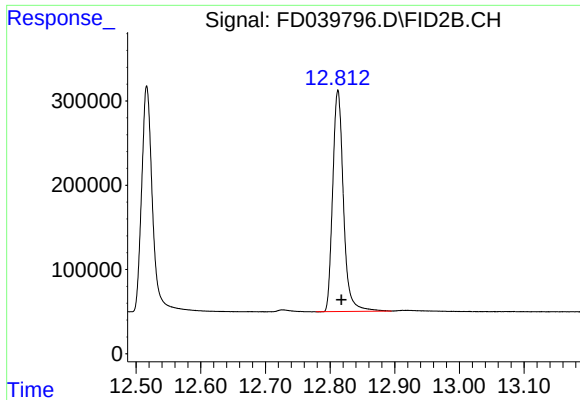
#11 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.004 min
Response: 3154469
Conc: 19.52 ug/ml



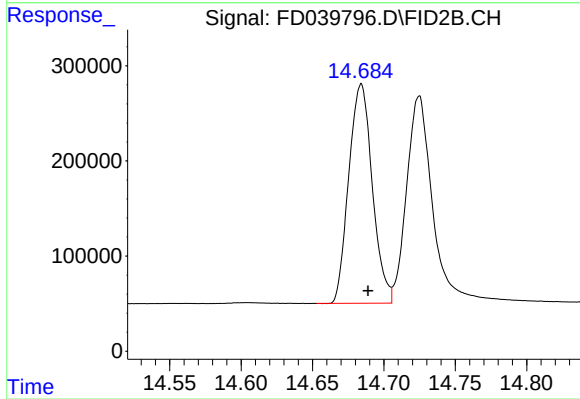
#12 Fluoranthene (C21.85)

R.T.: 12.516 min
Delta R.T.: -0.006 min
Response: 3117483
Conc: 19.73 ug/ml



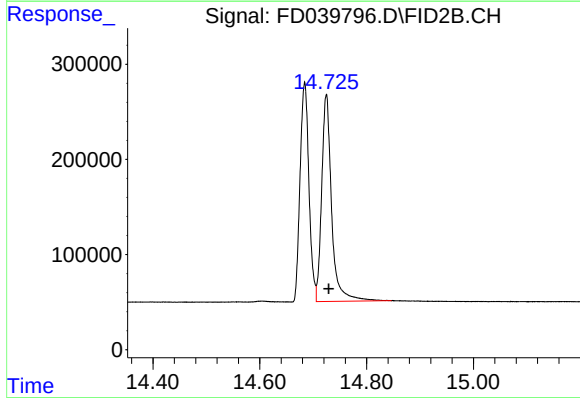
#13 Pyrene (C20.8)

R.T.: 12.812 min
Delta R.T.: -0.006 min
Response: 3033188
Conc: 19.84 ug/ml



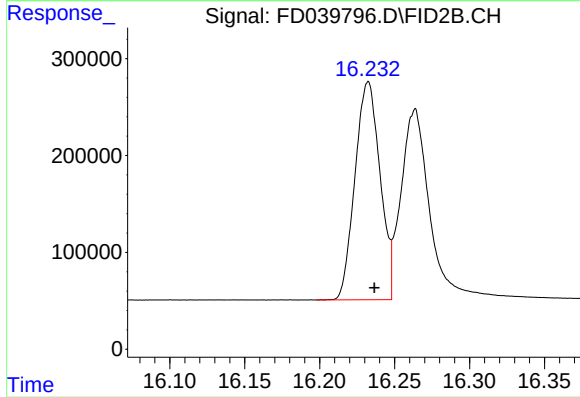
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.684 min
Delta R.T.: -0.005 min
Response: 2644809
Conc: 20.80 ug/ml



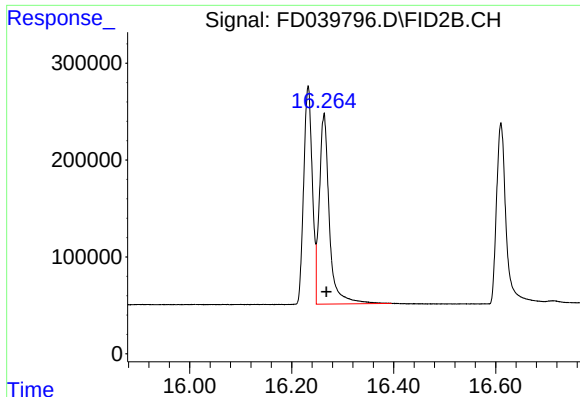
#15 Chrysene (C27.41)

R.T.: 14.725 min
Delta R.T.: -0.004 min
Response: 2817680
Conc: 20.35 ug/ml



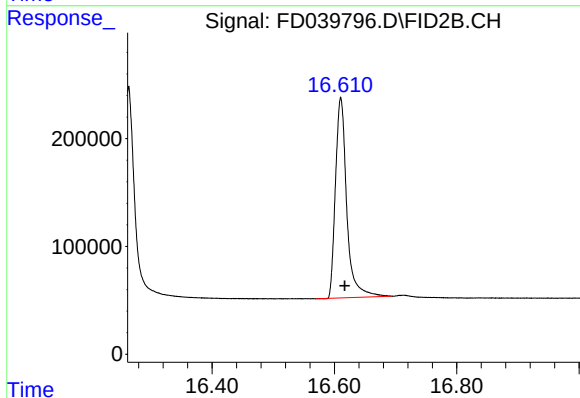
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.233 min
Delta R.T.: -0.004 min
Response: 2619576
Conc: 21.26 ug/ml



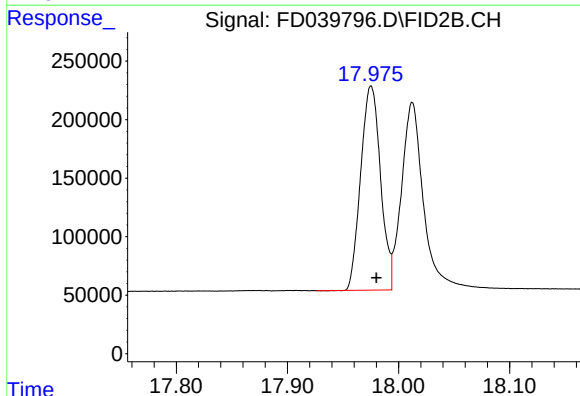
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.264 min
Delta R.T.: -0.004 min
Response: 2698647
Conc: 21.17 ug/ml



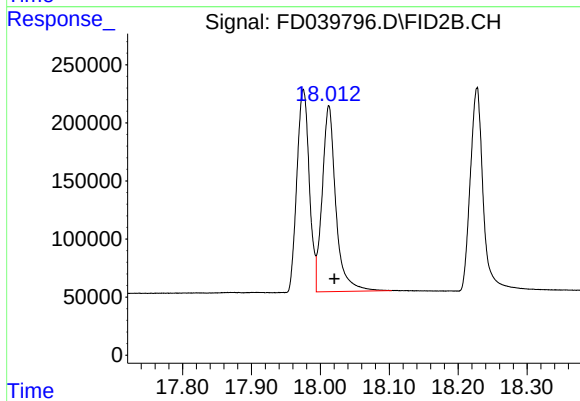
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.610 min
Delta R.T.: -0.007 min
Response: 2378085
Conc: 21.04 ug/ml



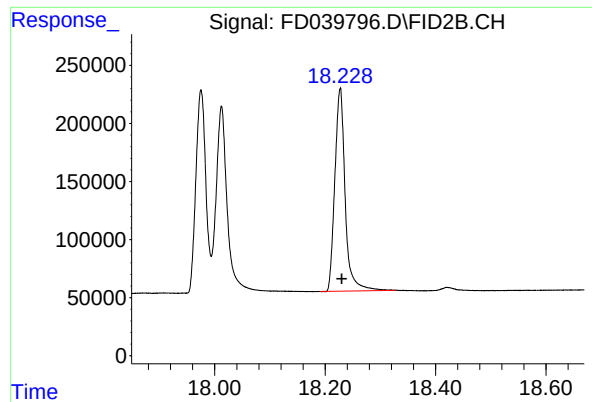
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.975 min
Delta R.T.: -0.005 min
Response: 2165573
Conc: 20.71 ug/ml



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

R.T.: 18.012 min
Delta R.T.: -0.008 min
Response: 2204141
Conc: 21.26 ug/ml



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

R.T.: 18.227 min
Delta R.T.: -0.003 min
Response: 2268863
Conc: 20.74 ug/ml