

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122721AR\
 Data File : FD040184.D
 Signal(s) : FID2B.CH
 Acq On : 27 Dec 2021 15:25
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 28 00:50:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 03:19:03 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...	6.834	2677589	18.482 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
6) S 2-Fluorobiphenyl (SURR)	7.685	1785673	18.179 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.36%
11) S ortho-Terphenyl (SURR)	10.723	2798238	18.123 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.682	3038339	19.101 ug/ml
2) T Naphthalene (C11.7)	5.182	3137650	18.761 ug/ml
3) T 2-Methylnaphthalene (...)	6.225	3088410	18.535 ug/ml
5) T Acenaphthylene (C15.06)	7.491	2896792	18.308 ug/ml
7) T Acenaphthene (C15.5)	7.785	3103559	18.272 ug/ml
8) T Fluorene (C16.55)	8.561	2802533	18.306 ug/ml
9) T Phenanthrene (C19.36)	9.950	2720501	18.226 ug/ml
10) T Anthracene (C19.43)	10.024	2711432	18.239 ug/ml
12) T Fluoranthene (C21.85)	11.753	2611666	18.237 ug/ml
13) T Pyrene (C20.8)	12.049	2696936	18.276 ug/ml
14) T Benzo[a]anthracene (C...	13.915	2495687	19.153 ug/mlm
15) T Chrysene (C27.41)	13.958	2547577	18.816 ug/ml
16) T benzo[b]fluoranthene ...	15.461	2466303	19.476 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.493	2467240	19.481 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.836	2480815	20.594 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.196	2327293	19.831 ug/mlm
20) T Dibenz[a,h]anthracene...	17.240	2434428	20.634 ug/ml
21) T Benzo[g,h,i]perylene ...	17.449	2290951	19.942 ug/ml

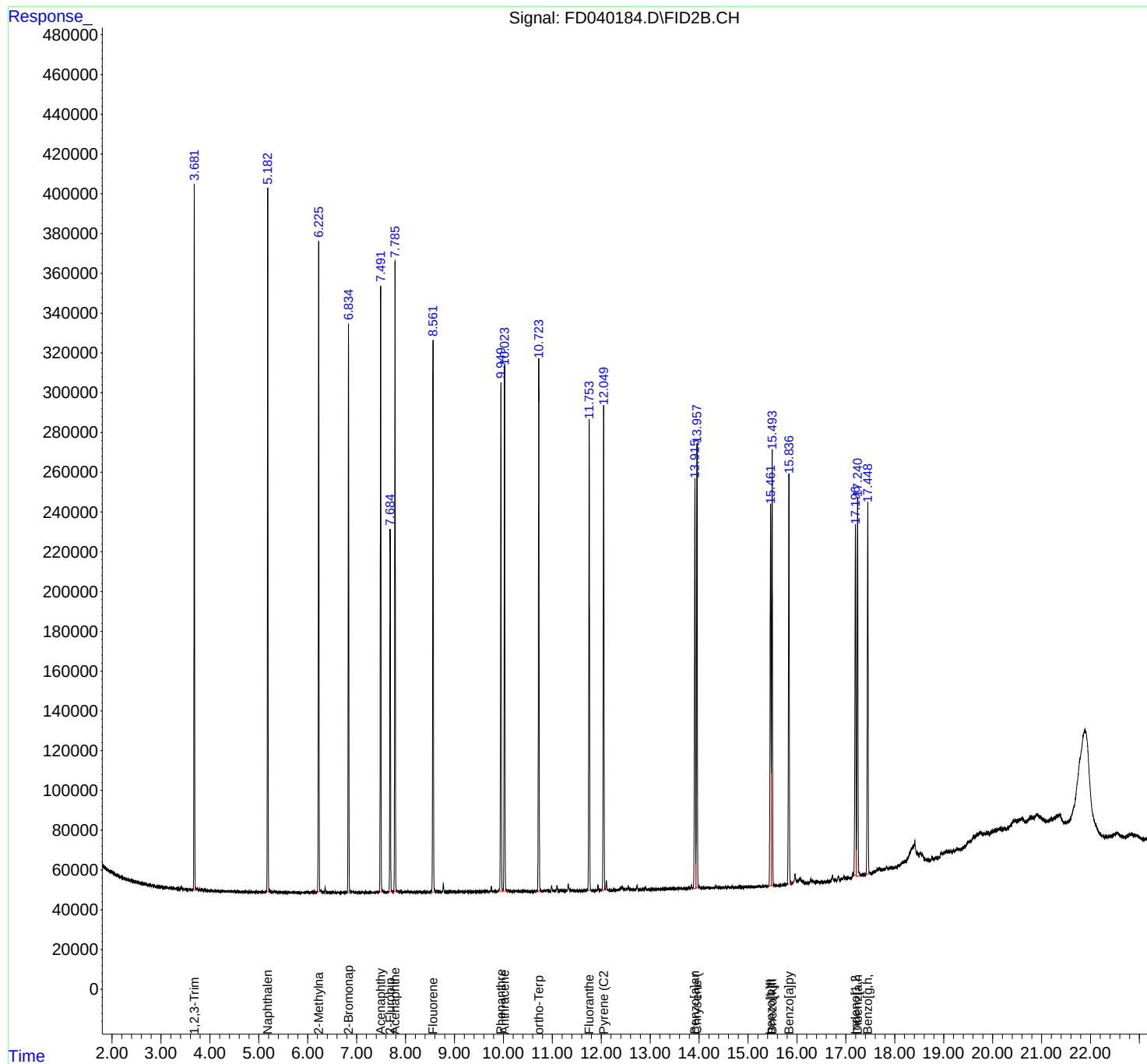
(f)=RT Delta > 1/2 Window

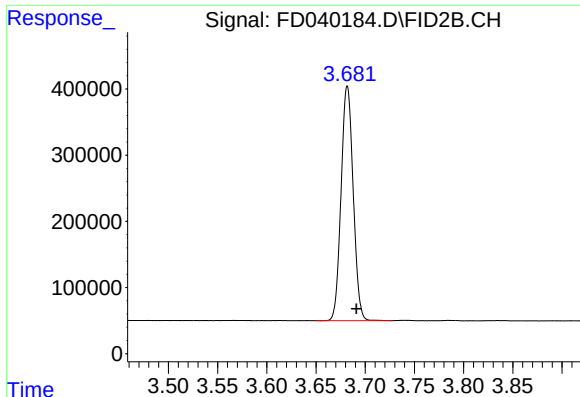
(m)=manual int.

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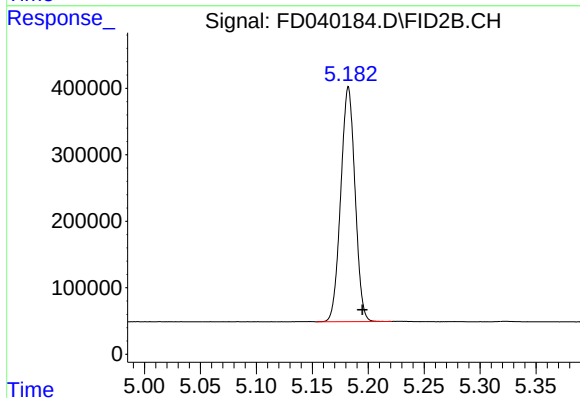
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





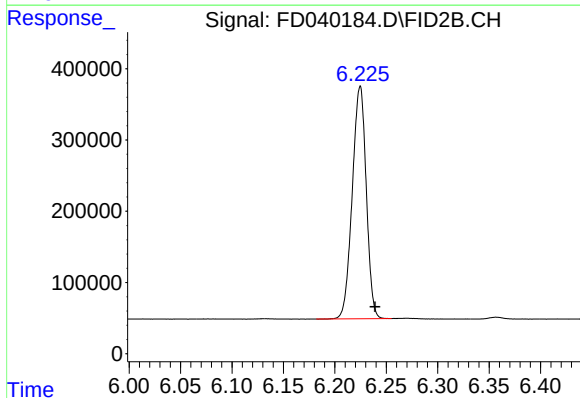
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.682 min
Delta R.T.: -0.009 min
Response: 3038339
Conc: 19.10 ug/ml



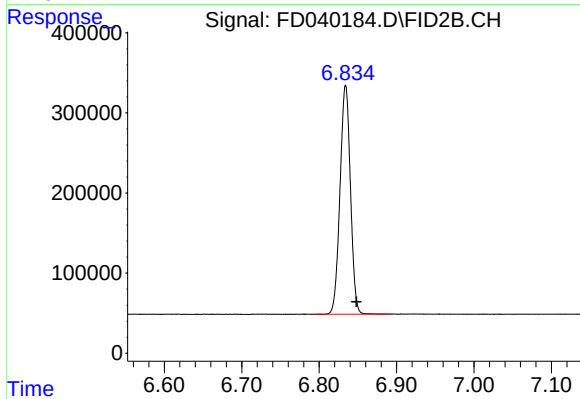
#2 Naphthalene (C11.7)

R.T.: 5.182 min
Delta R.T.: -0.012 min
Response: 3137650
Conc: 18.76 ug/ml



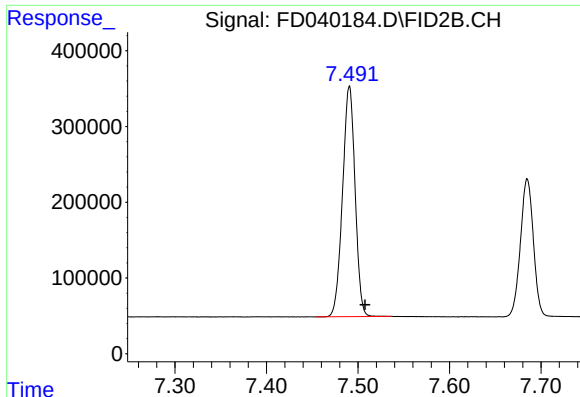
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.225 min
Delta R.T.: -0.014 min
Response: 3088410
Conc: 18.54 ug/ml



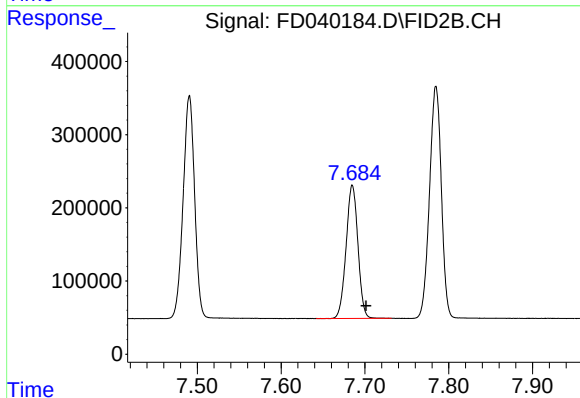
#4 2-Bromonaphthalene (SURR)

R.T.: 6.834 min
Delta R.T.: -0.014 min
Response: 2677589
Conc: 18.48 ug/ml



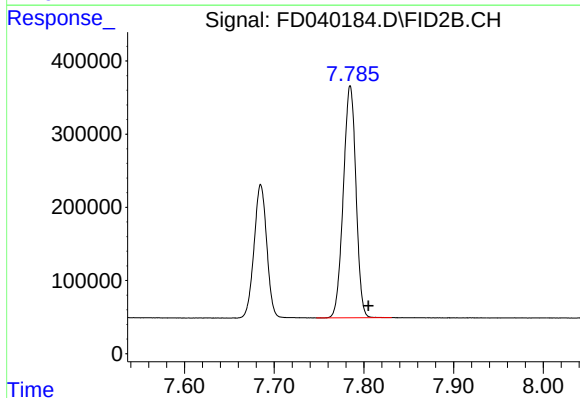
#5 Acenaphthylene (C15.06)

R.T.: 7.491 min
Delta R.T.: -0.017 min
Response: 2896792
Conc: 18.31 ug/ml



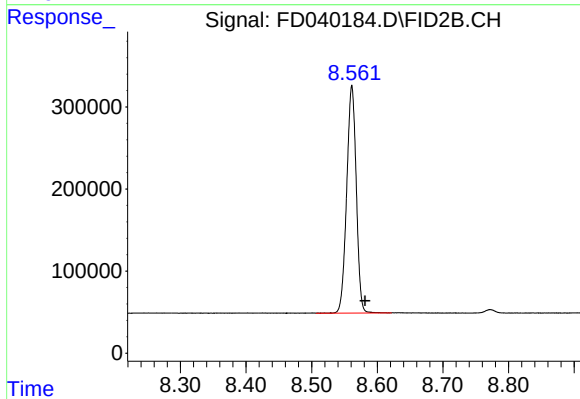
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.685 min
Delta R.T.: -0.016 min
Response: 1785673
Conc: 18.18 ug/ml



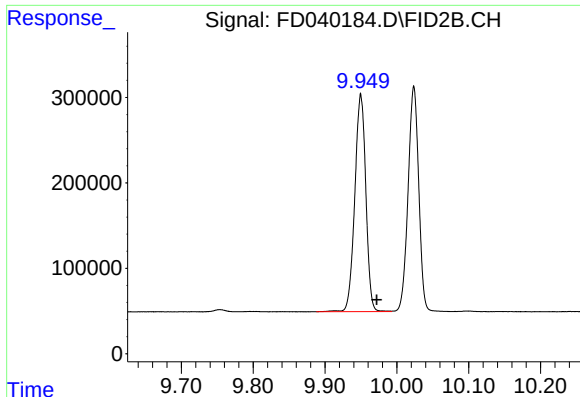
#7 Acenaphthene (C15.5)

R.T.: 7.785 min
Delta R.T.: -0.020 min
Response: 3103559
Conc: 18.27 ug/ml



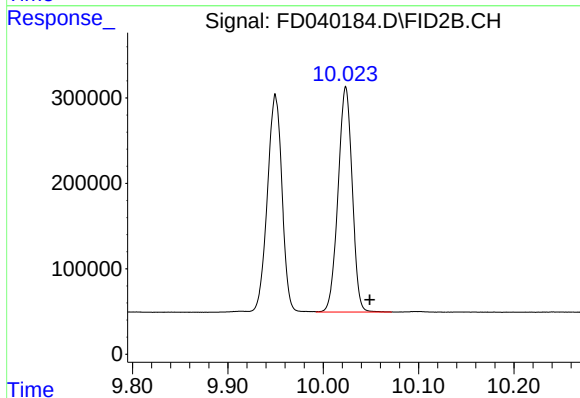
#8 Flouorene (C16.55)

R.T.: 8.561 min
Delta R.T.: -0.020 min
Response: 2802533
Conc: 18.31 ug/ml



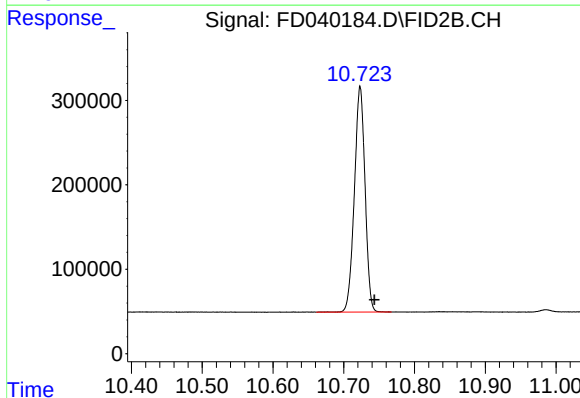
#9 Phenanthrene (C19.36)

R.T.: 9.950 min
Delta R.T.: -0.022 min
Response: 2720501
Conc: 18.23 ug/ml



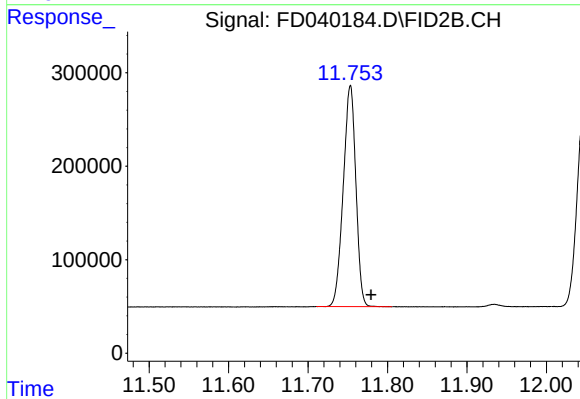
#10 Anthracene (C19.43)

R.T.: 10.024 min
Delta R.T.: -0.025 min
Response: 2711432
Conc: 18.24 ug/ml



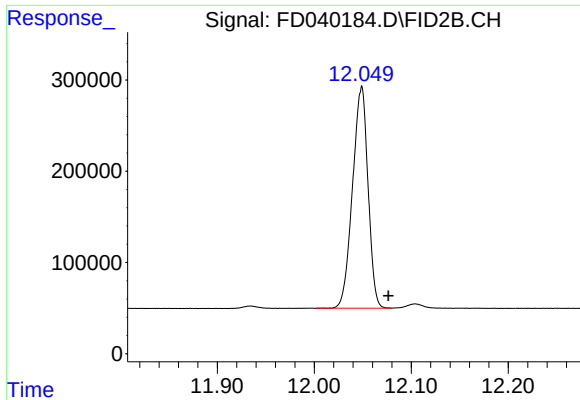
#11 ortho-Terphenyl (SURR)

R.T.: 10.723 min
Delta R.T.: -0.020 min
Response: 2798238
Conc: 18.12 ug/ml



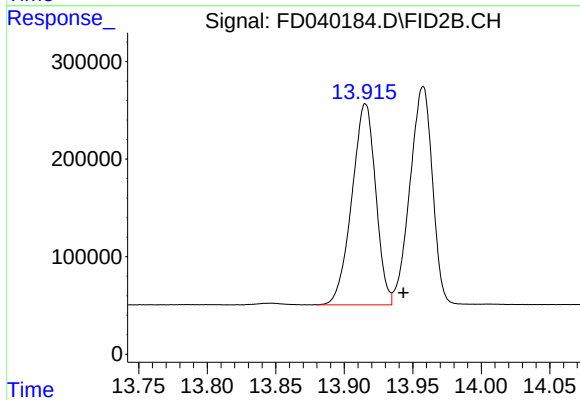
#12 Fluoranthene (C21.85)

R.T.: 11.753 min
Delta R.T.: -0.026 min
Response: 2611666
Conc: 18.24 ug/ml



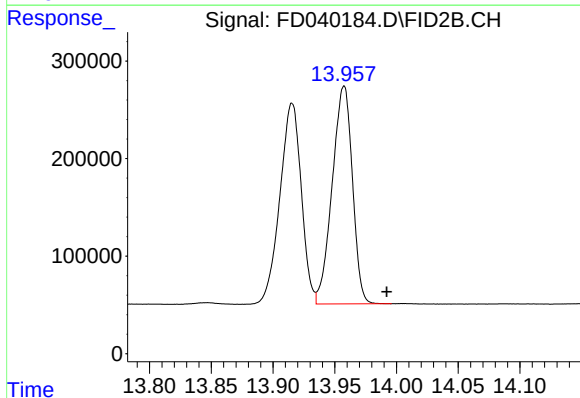
#13 Pyrene (C20.8)

R.T.: 12.049 min
Delta R.T.: -0.027 min
Response: 2696936
Conc: 18.28 ug/ml



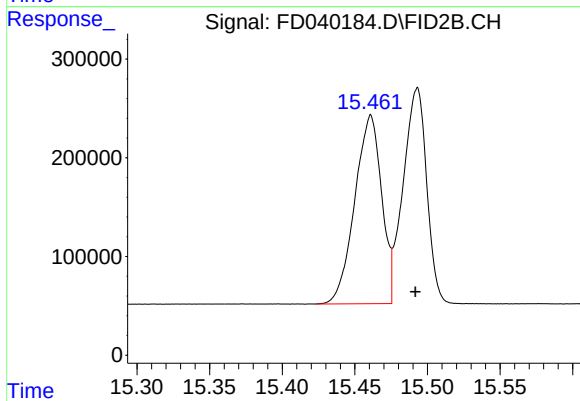
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.915 min
Delta R.T.: -0.028 min
Response: 2495687
Conc: 19.15 ug/ml m



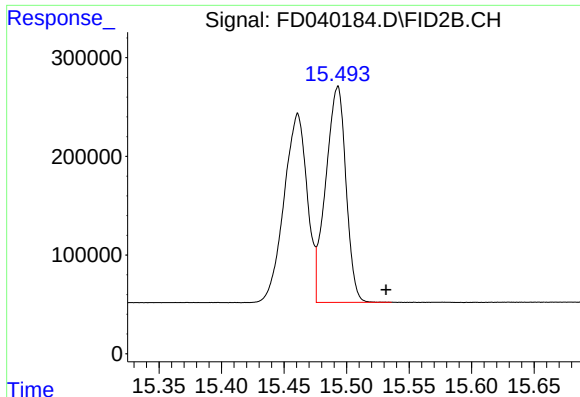
#15 Chrysene (C27.41)

R.T.: 13.958 min
Delta R.T.: -0.035 min
Response: 2547577
Conc: 18.82 ug/ml



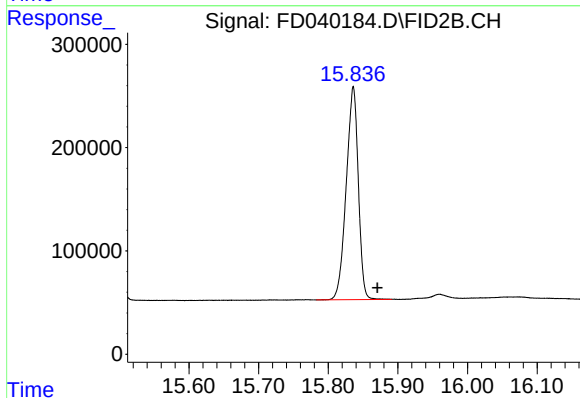
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.461 min
Delta R.T.: -0.031 min
Response: 2466303
Conc: 19.48 ug/ml m



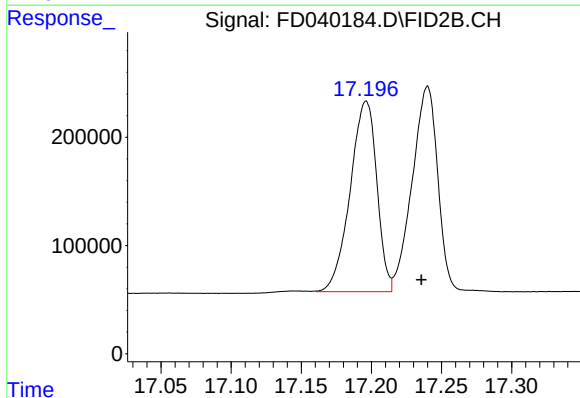
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.493 min
Delta R.T.: -0.039 min
Response: 2467240
Conc: 19.48 ug/ml



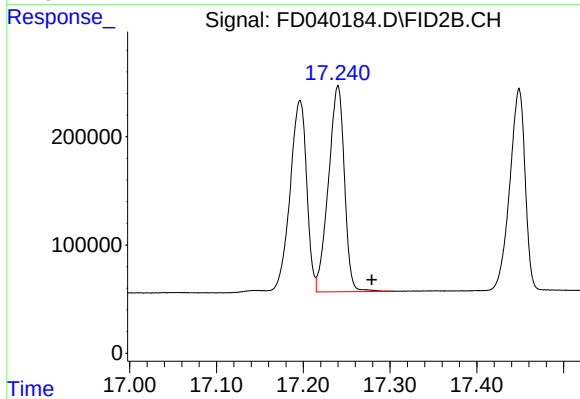
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.836 min
Delta R.T.: -0.035 min
Response: 2480815
Conc: 20.59 ug/ml



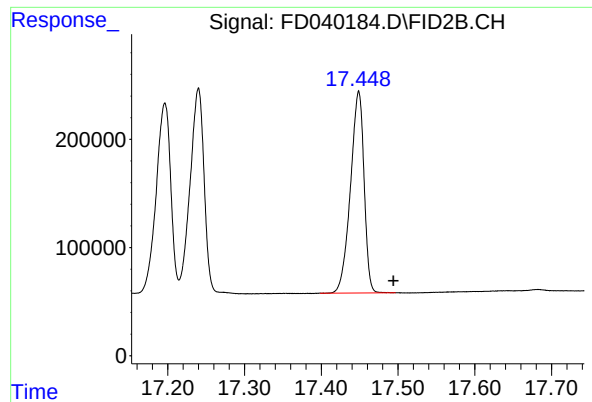
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.196 min
Delta R.T.: -0.040 min
Response: 2327293
Conc: 19.83 ug/ml m



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

R.T.: 17.240 min
Delta R.T.: -0.039 min
Response: 2434428
Conc: 20.63 ug/ml



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

R.T.: 17.449 min
Delta R.T.: -0.045 min
Response: 2290951
Conc: 19.94 ug/ml