

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041322AR\
 Data File : FD041962.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2022 19:19
 Operator : UA/NP
 Sample : PB144097BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 14 02:35:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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...	7.339	7164215	44.668 ug/ml
Spiked Amount 50.000		Recovery =	89.34%
6) S 2-Fluorobiphenyl (SURR)	8.188	3656996	37.008 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.02%
11) S ortho-Terphenyl (SURR)	11.219	7952933	40.911 ug/ml
Spiked Amount 50.000		Recovery =	81.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.161	4788585	27.339 ug/ml
2) T Naphthalene (C11.7)	5.681	5601177	31.746 ug/ml
3) T 2-Methylnaphthalene (...)	6.727	5842442	36.517 ug/ml
5) T Acenaphthylene (C15.06)	7.990	6221749	33.621 ug/ml
7) T Acenaphthene (C15.5)	8.284	6990665	36.415 ug/ml
8) T Fluorene (C16.55)	9.062	6929932	39.281 ug/ml
9) T Phenanthrene (C19.36)	10.450	7283393	41.756 ug/ml
10) T Anthracene (C19.43)	10.525	7492991	41.167 ug/ml
12) T Fluoranthene (C21.85)	12.253	7417177	42.015 ug/ml
13) T Pyrene (C20.8)	12.546	7155887	42.326 ug/mlm
14) T Benzo[a]anthracene (C...	14.417	6949889	46.479 ug/ml
15) T Chrysene (C27.41)	14.459	6902317	38.347 ug/ml
16) T benzo[b]fluoranthene ...	15.967	7003575	47.229 ug/ml
17) T Bnezo[k]fluoranthene ...	16.001	7497980	45.376 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.342	6376795	45.336 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.711	6664200	60.506 ug/ml
20) T Dibenz[a,h]anthracene...	17.749	7373535	50.931 ug/ml
21) T Benzo[g,h,i]perylene ...	17.964	7247857	54.611 ug/ml

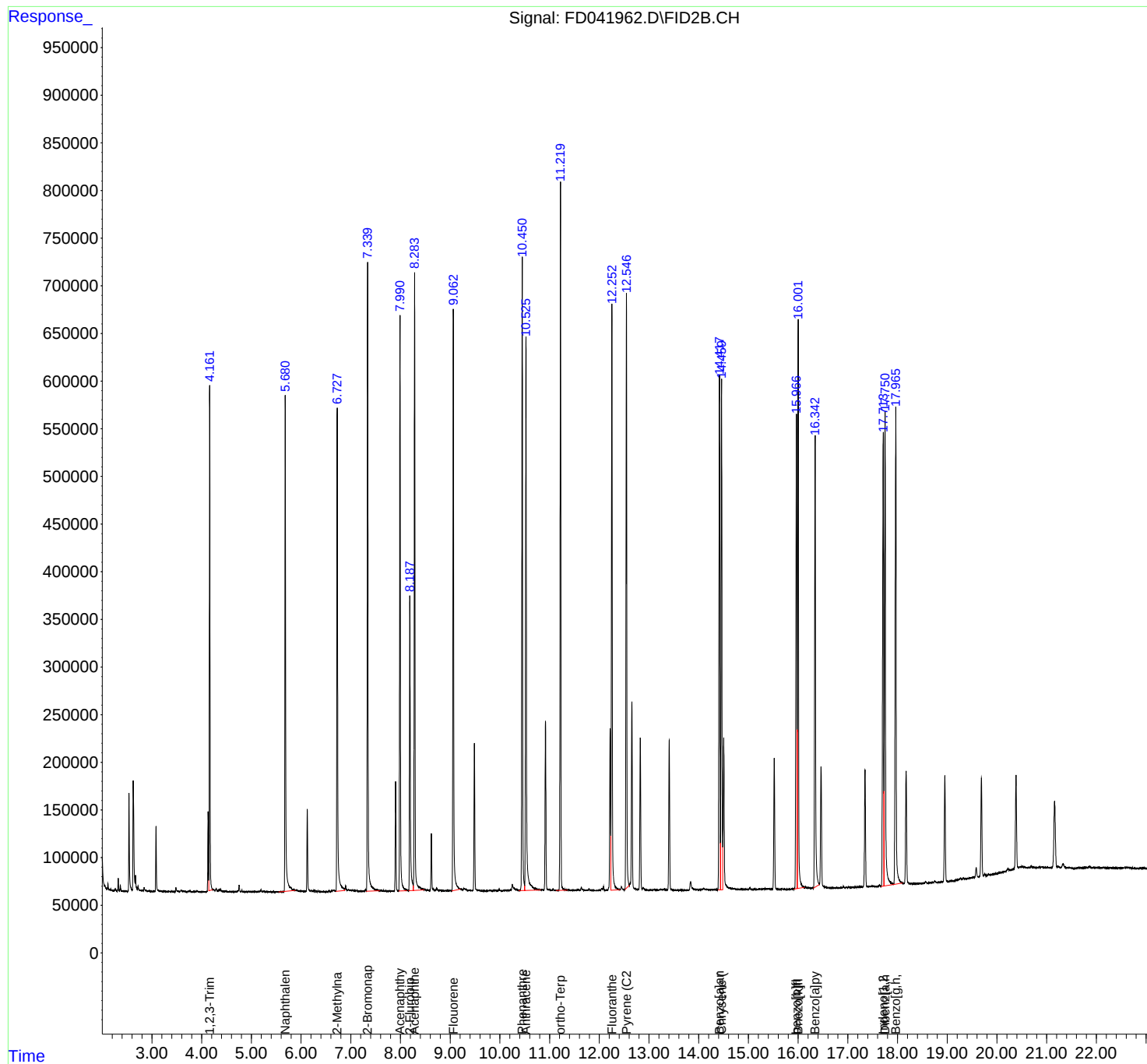
(f)=RT Delta > 1/2 Window

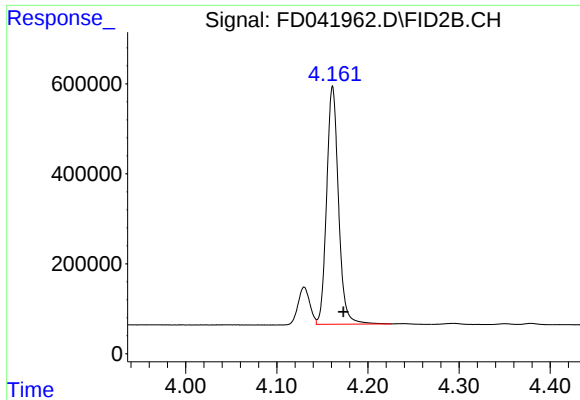
(m)=manual int.

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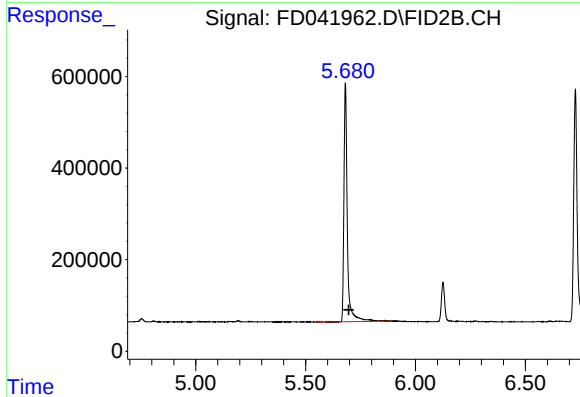
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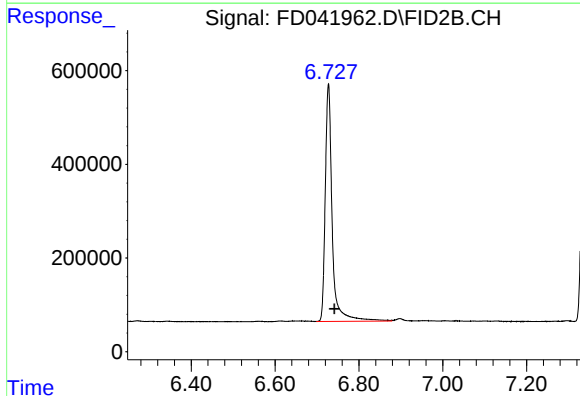
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.161 min
Delta R.T.: -0.012 min
Response: 4788585
Conc: 27.34 ug/ml



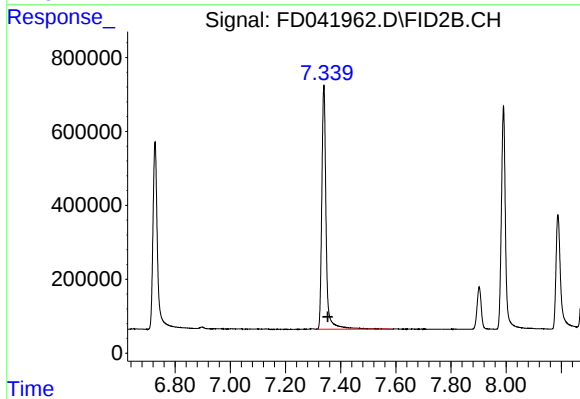
#2 Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.015 min
Response: 5601177
Conc: 31.75 ug/ml



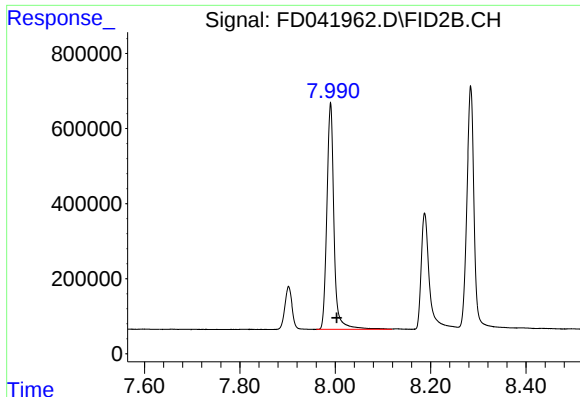
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.727 min
Delta R.T.: -0.014 min
Response: 5842442
Conc: 36.52 ug/ml



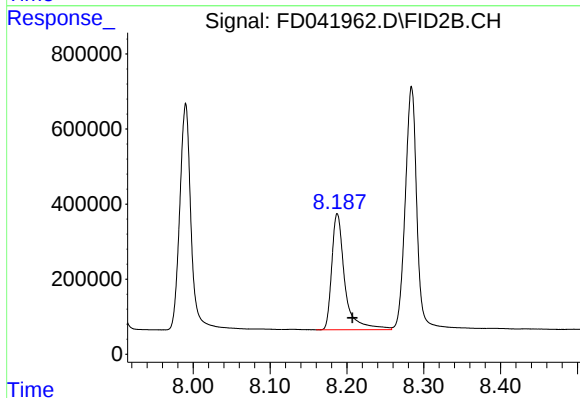
#4 2-Bromonaphthalene (SURR)

R.T.: 7.339 min
Delta R.T.: -0.014 min
Response: 7164215
Conc: 44.67 ug/ml



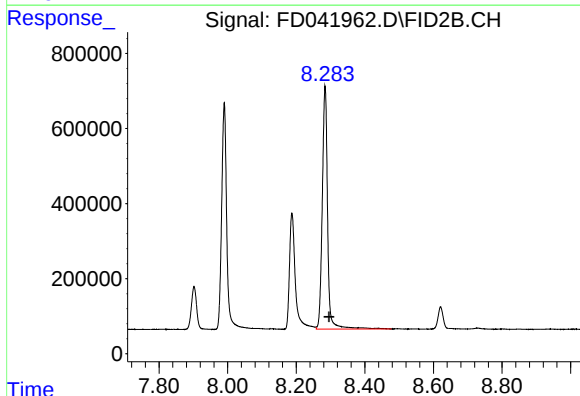
#5 Acenaphthylene (C15.06)

R.T.: 7.990 min
Delta R.T.: -0.013 min
Response: 6221749
Conc: 33.62 ug/ml



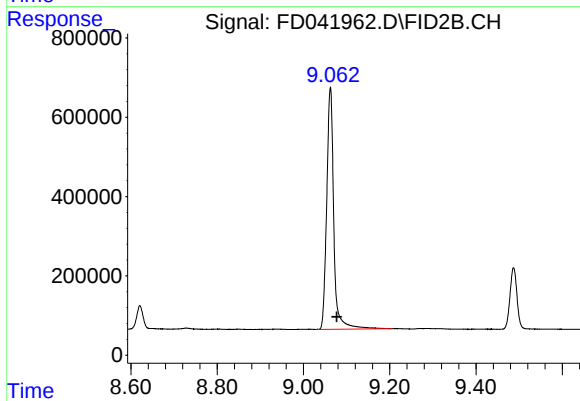
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.188 min
Delta R.T.: -0.019 min
Response: 3656996
Conc: 37.01 ug/ml



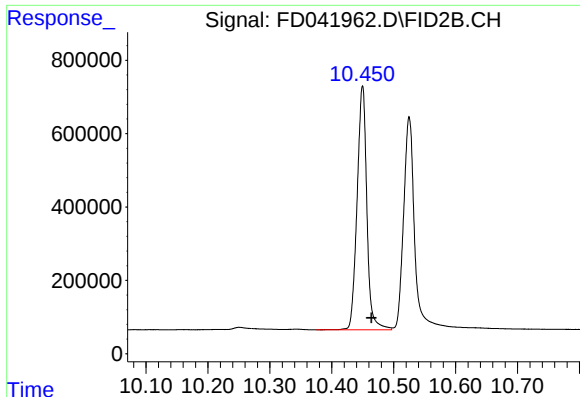
#7 Acenaphthene (C15.5)

R.T.: 8.284 min
Delta R.T.: -0.011 min
Response: 6990665
Conc: 36.42 ug/ml



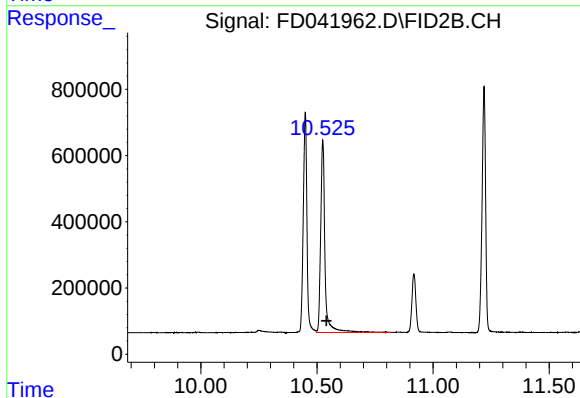
#8 Fluorene (C16.55)

R.T.: 9.062 min
Delta R.T.: -0.015 min
Response: 6929932
Conc: 39.28 ug/ml



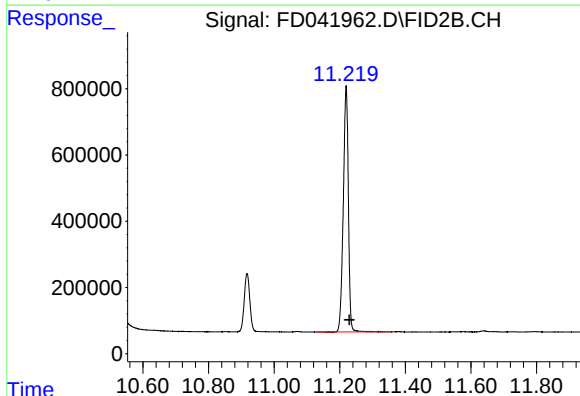
#9 Phenanthrene (C19.36)

R.T.: 10.450 min
Delta R.T.: -0.015 min
Response: 7283393
Conc: 41.76 ug/ml



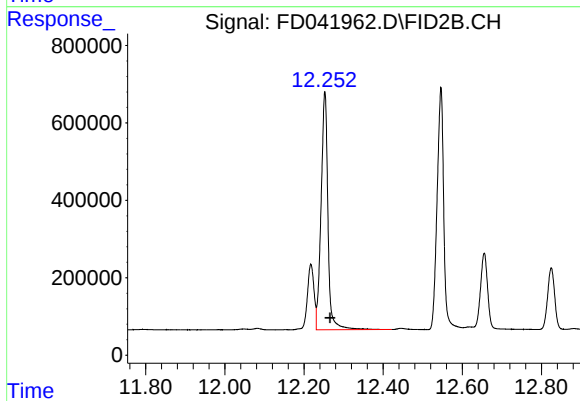
#10 Anthracene (C19.43)

R.T.: 10.525 min
Delta R.T.: -0.016 min
Response: 7492991
Conc: 41.17 ug/ml



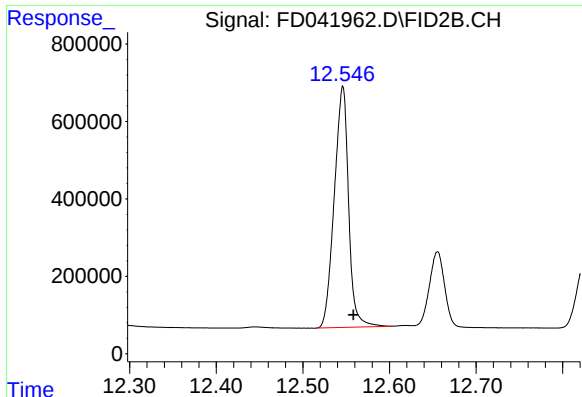
#11 ortho-Terphenyl (SURR)

R.T.: 11.219 min
Delta R.T.: -0.011 min
Response: 7952933
Conc: 40.91 ug/ml



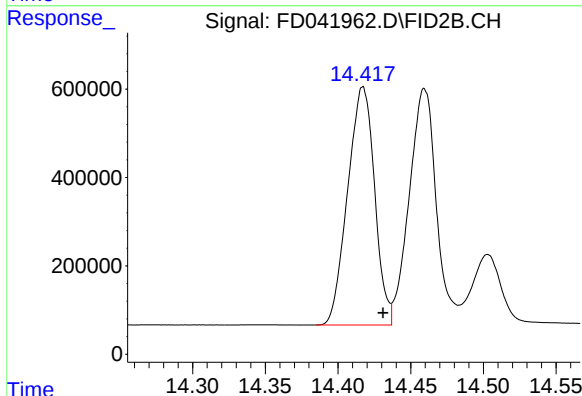
#12 Fluoranthene (C21.85)

R.T.: 12.253 min
Delta R.T.: -0.014 min
Response: 7417177
Conc: 42.01 ug/ml



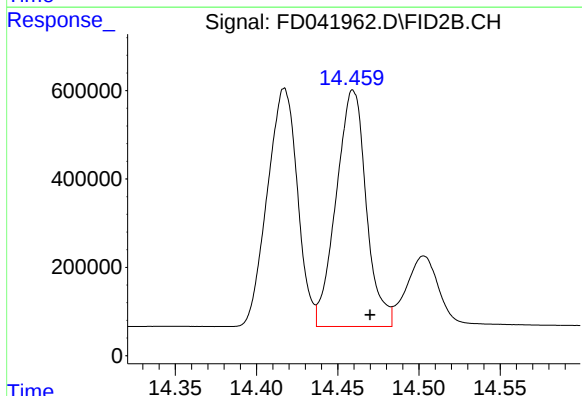
#13 Pyrene (C20.8)

R.T.: 12.546 min
Delta R.T.: -0.013 min
Response: 7155887
Conc: 42.33 ug/ml m



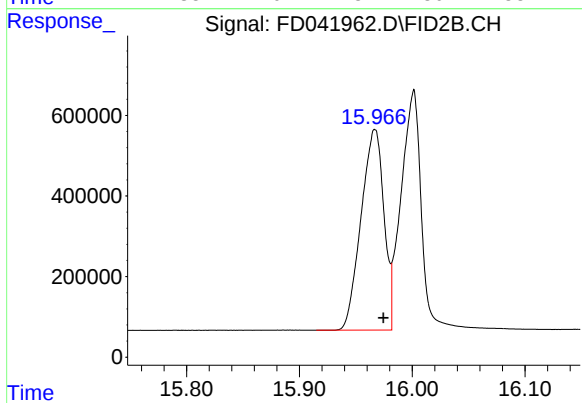
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.417 min
Delta R.T.: -0.014 min
Response: 6949889
Conc: 46.48 ug/ml



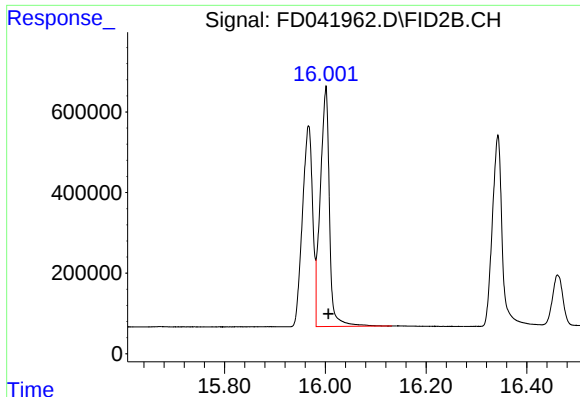
#15 Chrysene (C27.41)

R.T.: 14.459 min
Delta R.T.: -0.011 min
Response: 6902317
Conc: 38.35 ug/ml



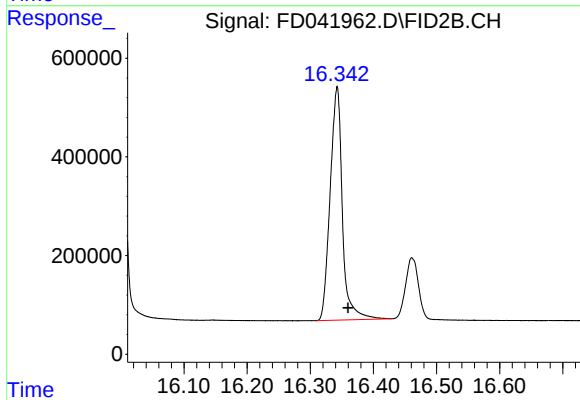
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.967 min
Delta R.T.: -0.008 min
Response: 7003575
Conc: 47.23 ug/ml



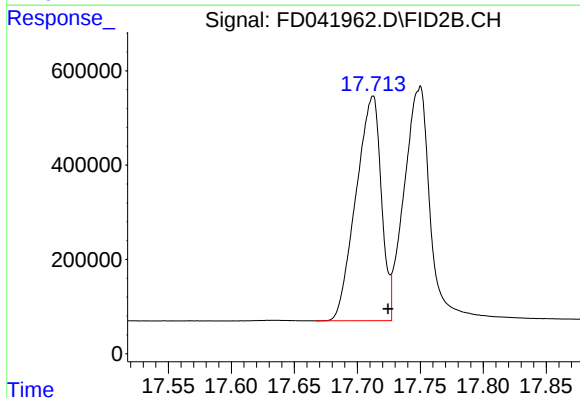
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.001 min
Delta R.T.: -0.005 min
Response: 7497980
Conc: 45.38 ug/ml



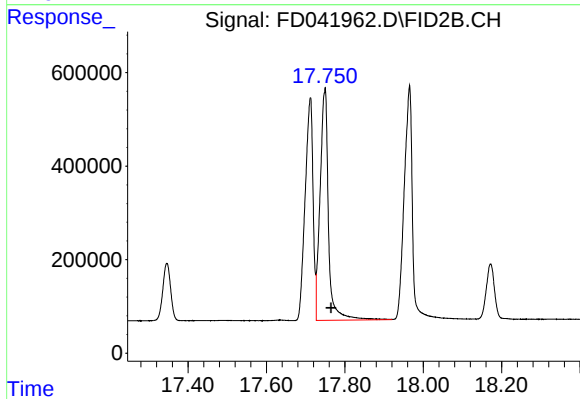
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.342 min
Delta R.T.: -0.018 min
Response: 6376795
Conc: 45.34 ug/ml m



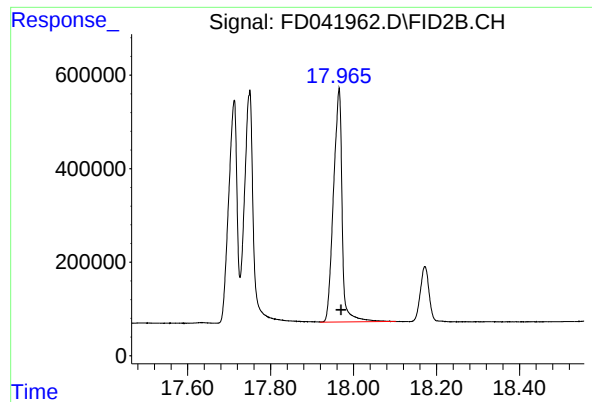
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.711 min
Delta R.T.: -0.013 min
Response: 6664200
Conc: 60.51 ug/ml



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

R.T.: 17.749 min
Delta R.T.: -0.017 min
Response: 7373535
Conc: 50.93 ug/ml



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

R.T.: 17.964 min
Delta R.T.: -0.005 min
Response: 7247857
Conc: 54.61 ug/ml