

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122721AR\
 Data File : FD040179.D
 Signal(s) : FID2B.CH
 Acq On : 27 Dec 2021 12:26
 Operator : AJ\MA
 Sample : PB141562BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 00:48:27 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...	6.837	8079572	55.768 ug/ml
Spiked Amount 50.000		Recovery =	111.54%
6) S 2-Fluorobiphenyl (SURR)	7.690	5535628	56.355 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.71%
11) S ortho-Terphenyl (SURR)	10.727	7781549	50.399 ug/ml
Spiked Amount 50.000		Recovery =	100.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.683	6157846	38.712 ug/ml
2) T Naphthalene (C11.7)	5.184	7214067	43.135 ug/ml
3) T 2-Methylnaphthalene (...)	6.227	7293527	43.772 ug/ml
5) T Acenaphthylene (C15.06)	7.494	7131904	45.074 ug/ml
7) T Acenaphthene (C15.5)	7.790	7714091	45.417 ug/ml
8) T Fluorene (C16.55)	8.566	7924136	51.759 ug/ml
9) T Phenanthrene (C19.36)	9.957	8288009	55.524 ug/ml
10) T Anthracene (C19.43)	10.032	7946415	53.453 ug/ml
12) T Fluoranthene (C21.85)	11.763	8350455	58.311 ug/ml
13) T Pyrene (C20.8)	12.058	8204490	55.599 ug/ml
14) T Benzo[a]anthracene (C...	13.926	7594920	58.287 ug/ml
15) T Chrysene (C27.41)	14.007	621378	4.589 ug/ml
16) T benzo[b]fluoranthene ...	15.509	7253748	57.282 ug/ml
17) T Bnezo[k]fluoranthene ...	15.509	7253748	57.273 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.848	6466772	53.682 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.255	6837971	58.268 ug/ml
20) T Dibenz[a,h]anthracene...	17.255	6837971	57.957 ug/ml
21) T Benzo[g,h,i]perylene ...	17.469	6995438	60.893 ug/ml

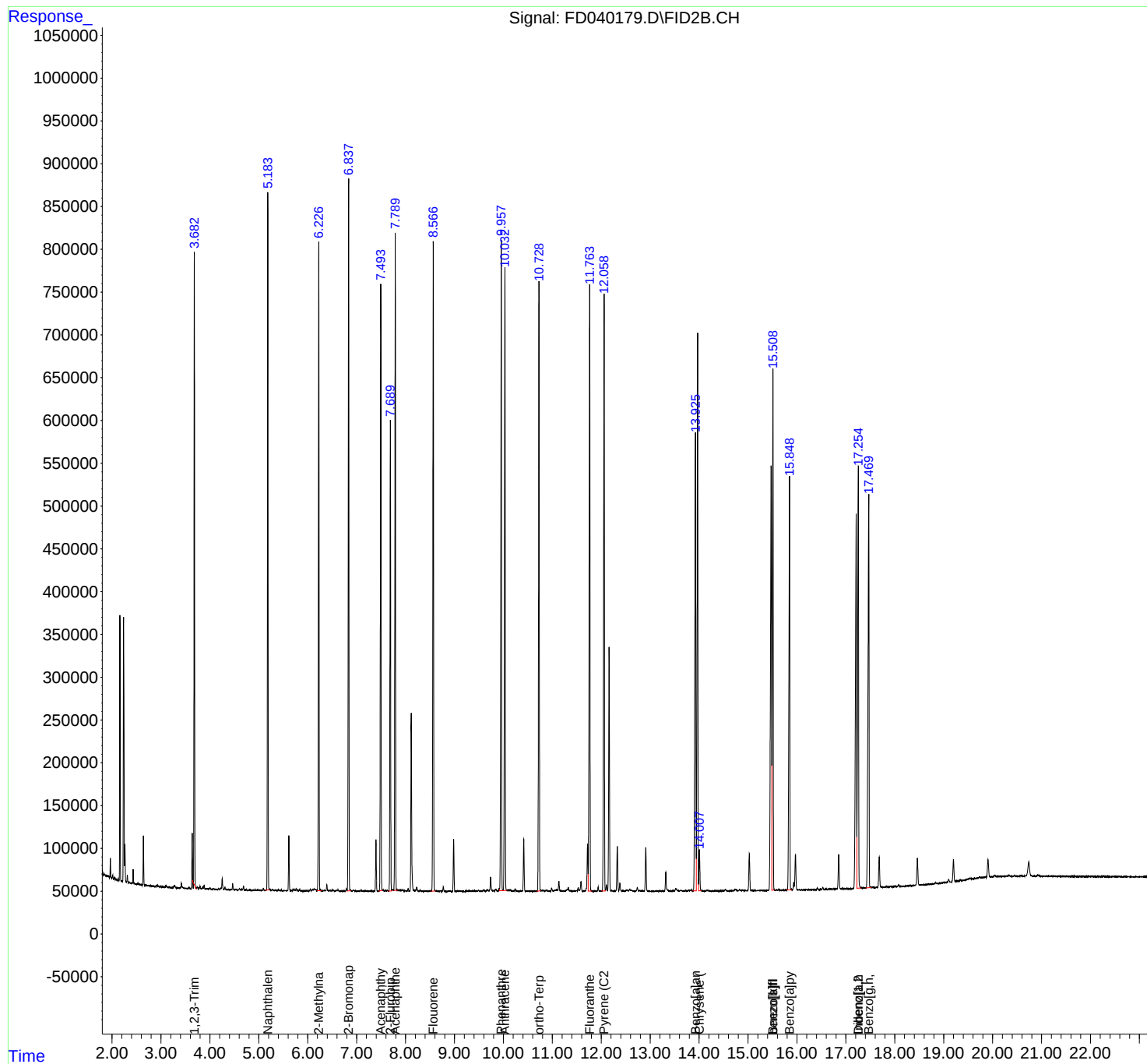
(f)=RT Delta > 1/2 Window

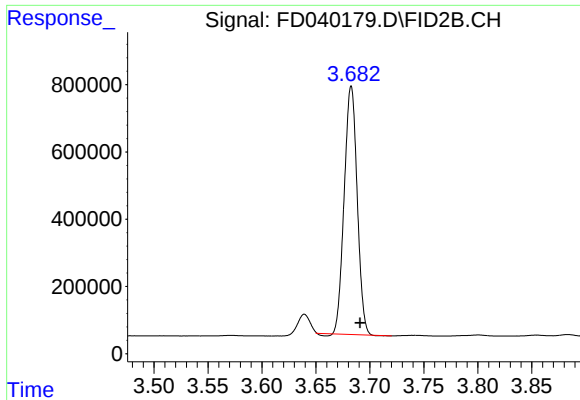
(m)=manual int.

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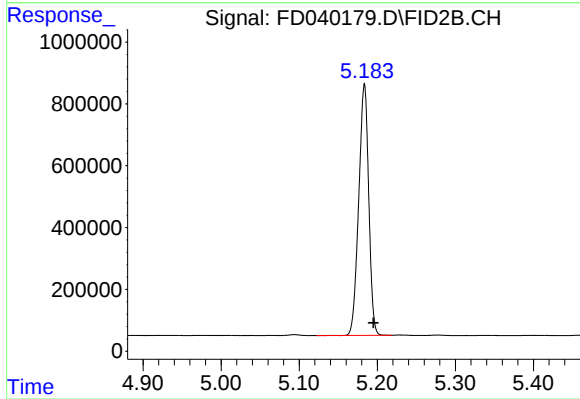
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Signal Info : 20M x 0.18mm x 0.18µm





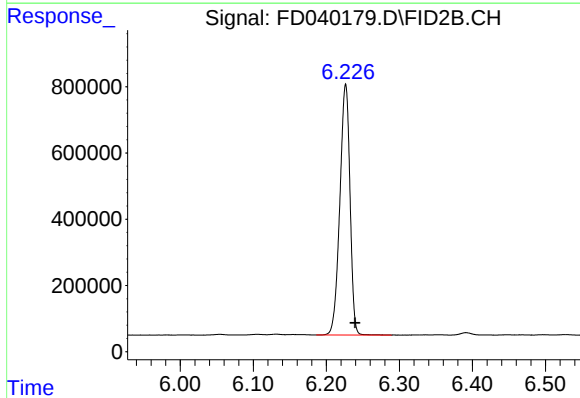
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.683 min
Delta R.T.: -0.008 min
Response: 6157846
Conc: 38.71 ug/ml



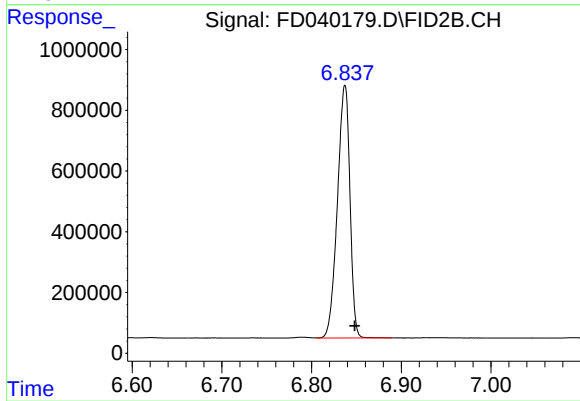
#2 Naphthalene (C11.7)

R.T.: 5.184 min
Delta R.T.: -0.011 min
Response: 7214067
Conc: 43.13 ug/ml



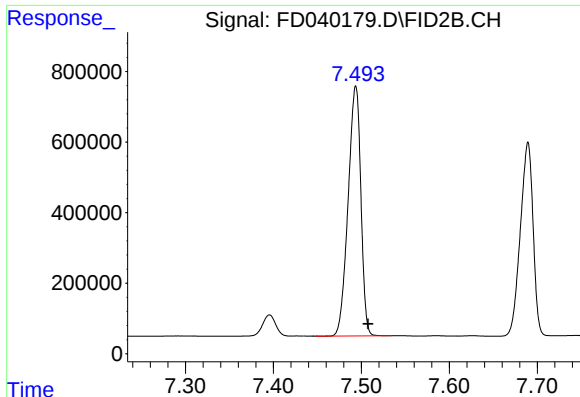
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.227 min
Delta R.T.: -0.013 min
Response: 7293527
Conc: 43.77 ug/ml



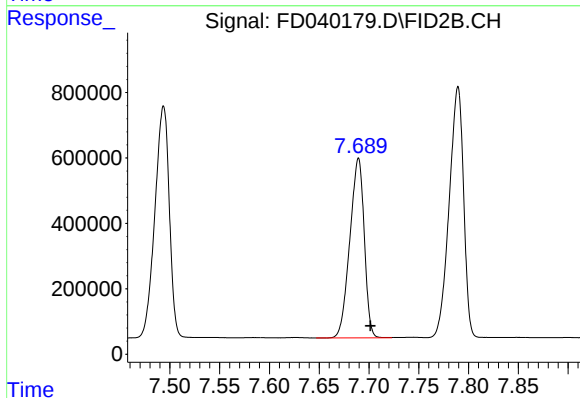
#4 2-Bromonaphthalene (SURR)

R.T.: 6.837 min
Delta R.T.: -0.011 min
Response: 8079572
Conc: 55.77 ug/ml



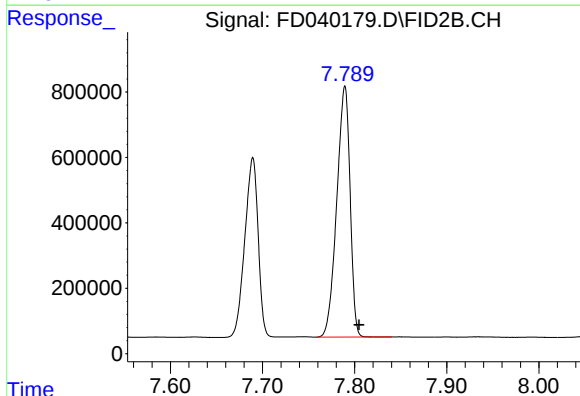
#5 Acenaphthylene (C15.06)

R.T.: 7.494 min
Delta R.T.: -0.014 min
Response: 7131904
Conc: 45.07 ug/ml



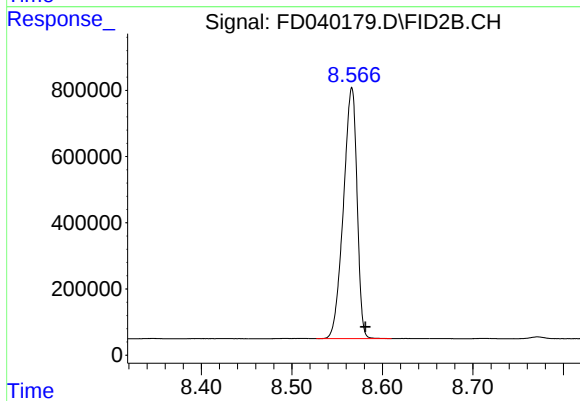
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.690 min
Delta R.T.: -0.012 min
Response: 5535628
Conc: 56.35 ug/ml



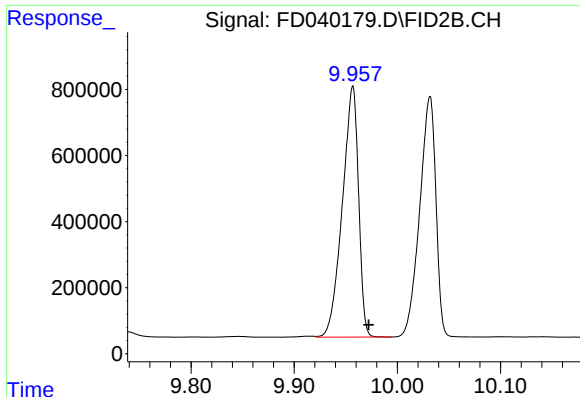
#7 Acenaphthene (C15.5)

R.T.: 7.790 min
Delta R.T.: -0.015 min
Response: 7714091
Conc: 45.42 ug/ml



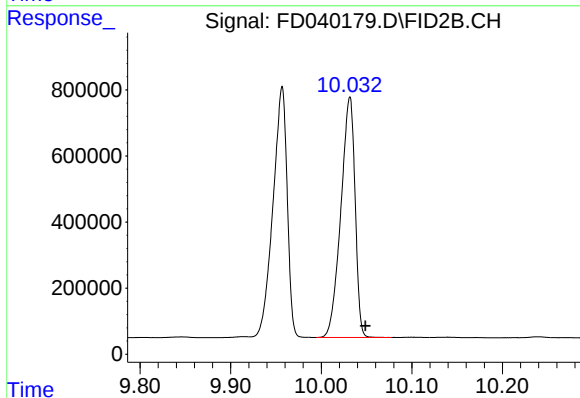
#8 Flouorene (C16.55)

R.T.: 8.566 min
Delta R.T.: -0.015 min
Response: 7924136
Conc: 51.76 ug/ml



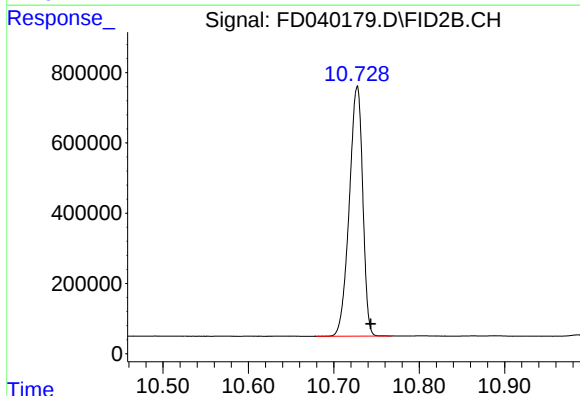
#9 Phenanthrene (C19.36)

R.T.: 9.957 min
Delta R.T.: -0.015 min
Response: 8288009
Conc: 55.52 ug/ml



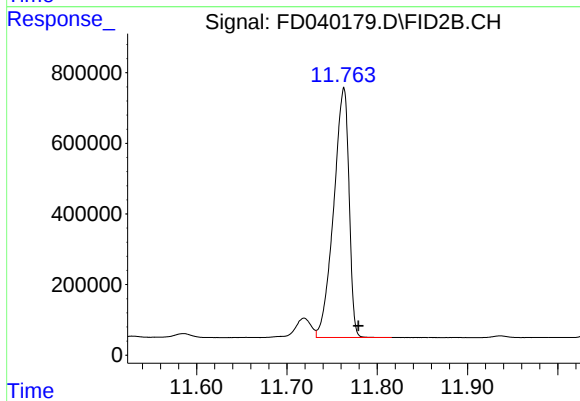
#10 Anthracene (C19.43)

R.T.: 10.032 min
Delta R.T.: -0.017 min
Response: 7946415
Conc: 53.45 ug/ml



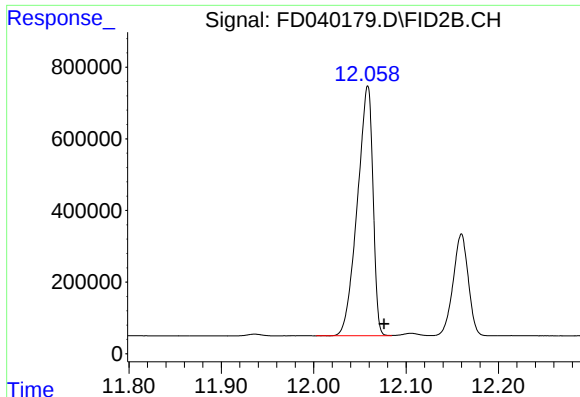
#11 ortho-Terphenyl (SURR)

R.T.: 10.727 min
Delta R.T.: -0.016 min
Response: 7781549
Conc: 50.40 ug/ml



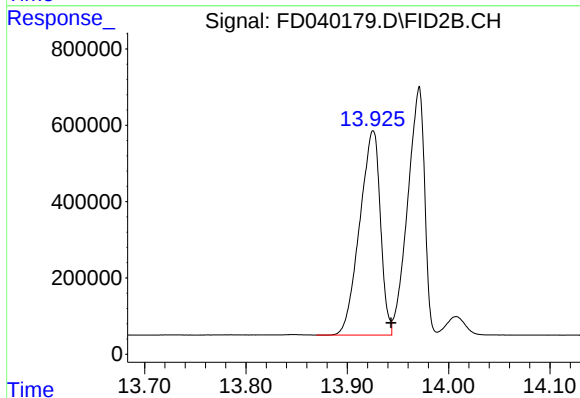
#12 Fluoranthene (C21.85)

R.T.: 11.763 min
Delta R.T.: -0.016 min
Response: 8350455
Conc: 58.31 ug/ml



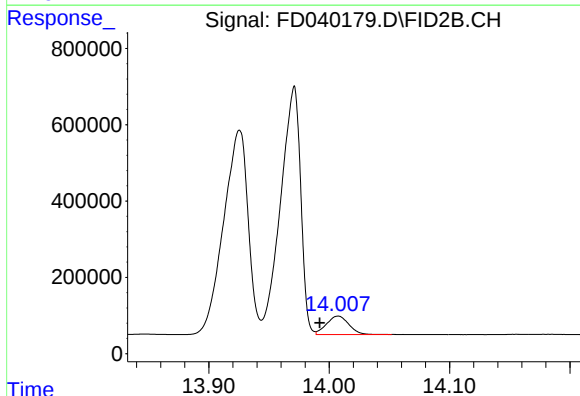
#13 Pyrene (C20.8)

R.T.: 12.058 min
Delta R.T.: -0.018 min
Response: 8204490
Conc: 55.60 ug/ml



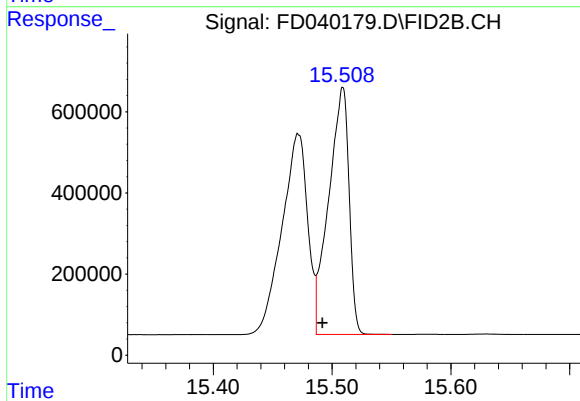
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.926 min
Delta R.T.: -0.018 min
Response: 7594920
Conc: 58.29 ug/ml



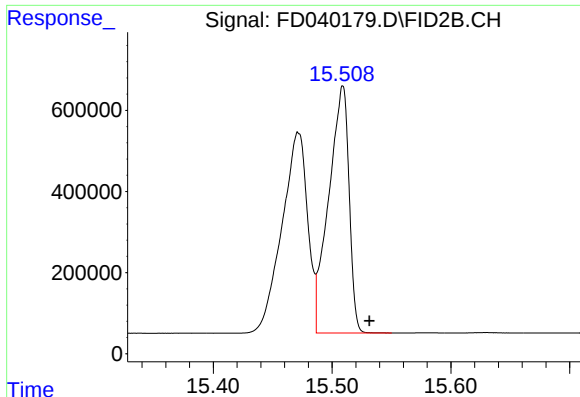
#15 Chrysene (C27.41)

R.T.: 14.007 min
Delta R.T.: 0.015 min
Response: 621378
Conc: 4.59 ug/ml



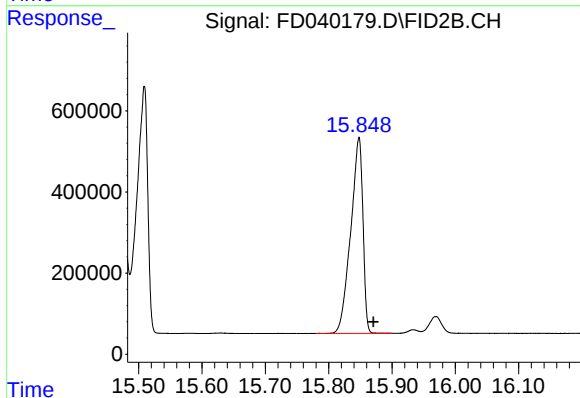
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.509 min
Delta R.T.: 0.017 min
Response: 7253748
Conc: 57.28 ug/ml



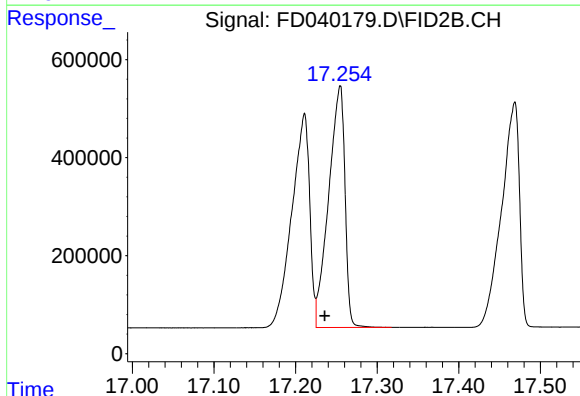
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.509 min
Delta R.T.: -0.023 min
Response: 7253748
Conc: 57.27 ug/ml



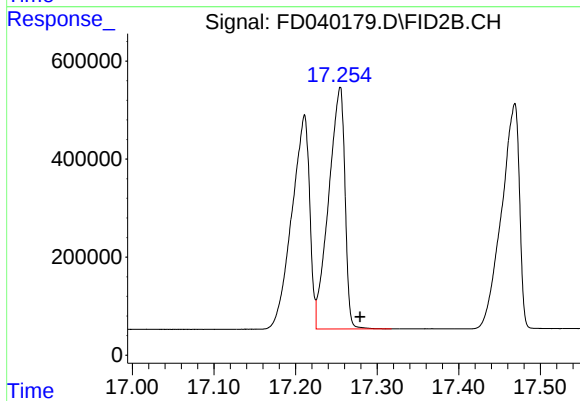
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.848 min
Delta R.T.: -0.023 min
Response: 6466772
Conc: 53.68 ug/ml



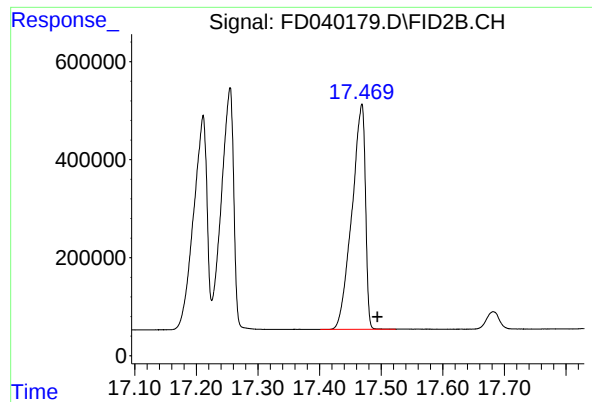
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.255 min
Delta R.T.: 0.019 min
Response: 6837971
Conc: 58.27 ug/ml



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

R.T.: 17.255 min
Delta R.T.: -0.024 min
Response: 6837971
Conc: 57.96 ug/ml



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

R.T.: 17.469 min
Delta R.T.: -0.026 min
Response: 6995438
Conc: 60.89 ug/ml