

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012622AR\
 Data File : FD040779.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2022 12:33
 Operator : AJ\MA
 Sample : PB142258BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 01:49:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 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...	6.726	6184205	43.240 ug/ml
Spiked Amount 50.000		Recovery =	86.48%
6) S 2-Fluorobiphenyl (SURR)	7.574	4188681	43.988 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.98%
11) S ortho-Terphenyl (SURR)	10.608	6318551	40.431 ug/ml
Spiked Amount 50.000		Recovery =	80.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.587	4507467	29.140 ug/ml
2) T Naphthalene (C11.7)	5.077	5123636	32.013 ug/ml
3) T 2-Methylnaphthalene (...)	6.116	5154000	31.751 ug/ml
5) T Acenaphthylene (C15.06)	7.378	5323471	35.414 ug/ml
7) T Acenaphthene (C15.5)	7.673	5670371	35.180 ug/ml
8) T Fluorene (C16.55)	8.448	5717000	36.782 ug/ml
9) T Phenanthrene (C19.36)	9.835	5913466	38.438 ug/ml
10) T Anthracene (C19.43)	9.909	5753764	39.382 ug/ml
12) T Fluoranthene (C21.85)	11.638	6530379	42.057 ug/ml
13) T Pyrene (C20.8)	11.931	5882178	38.969 ug/ml
14) T Benzo[a]anthracene (C...	13.798	5564551	41.945 ug/mlm
15) T Chrysene (C27.41)	13.842	5611358	38.372 ug/ml
16) T benzo[b]fluoranthene ...	15.344	5773034	42.249 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.379	5656922	40.868 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.720	5304820	40.696 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.083	5261708	43.180 ug/ml
20) T Dibenz[a,h]anthracene...	17.124	5517458	45.359 ug/ml
21) T Benzo[g,h,i]perylene ...	17.337	5486864	42.731 ug/ml

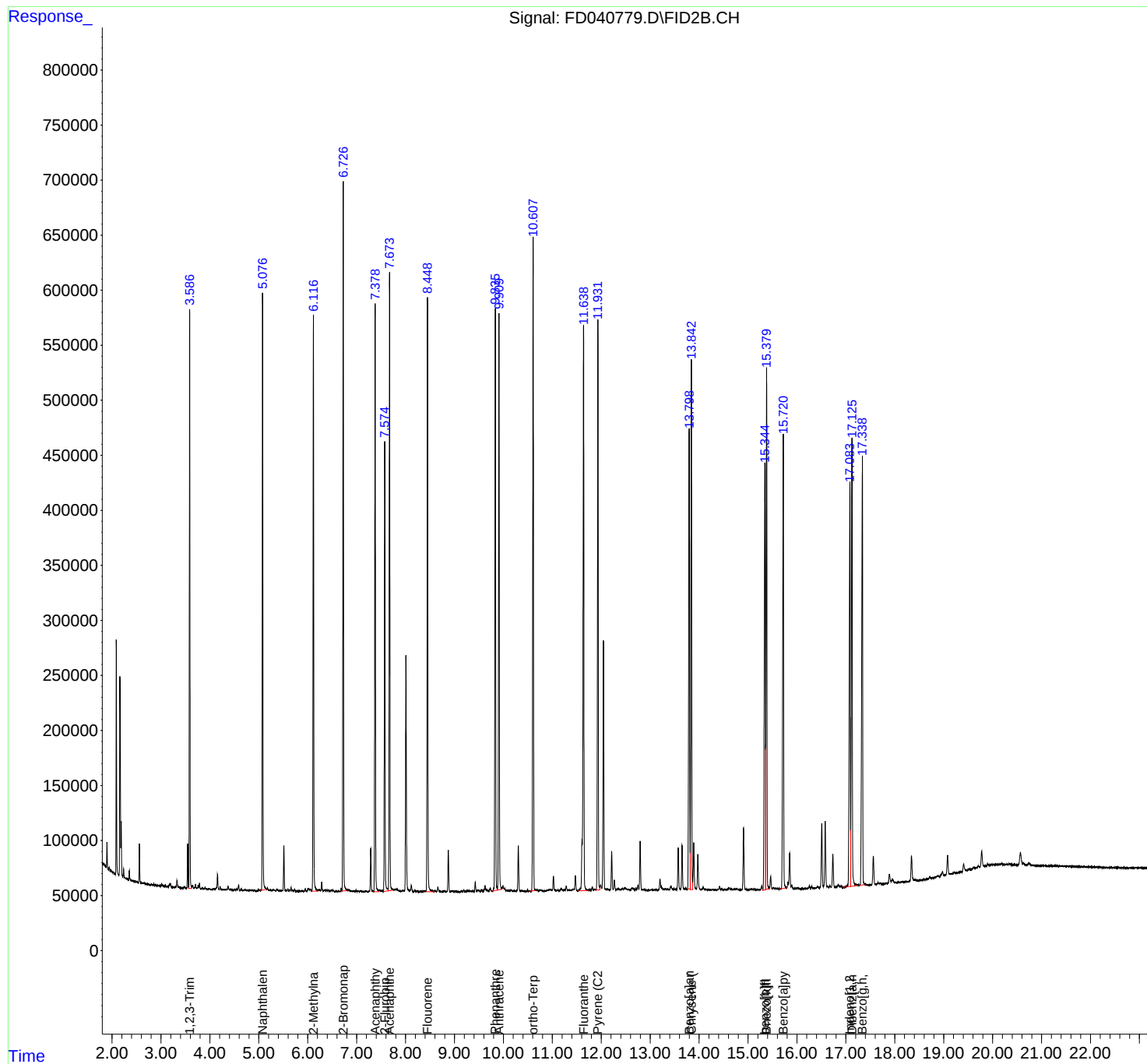
(f)=RT Delta > 1/2 Window

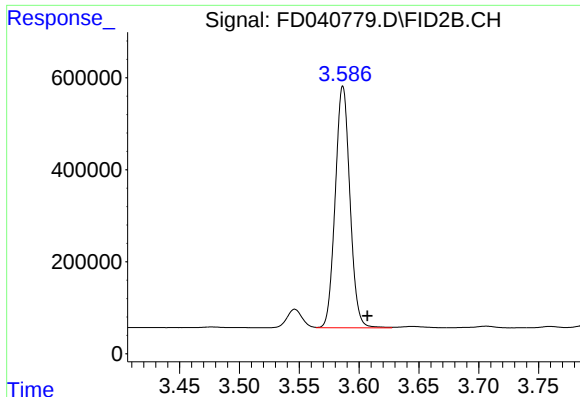
(m)=manual int.

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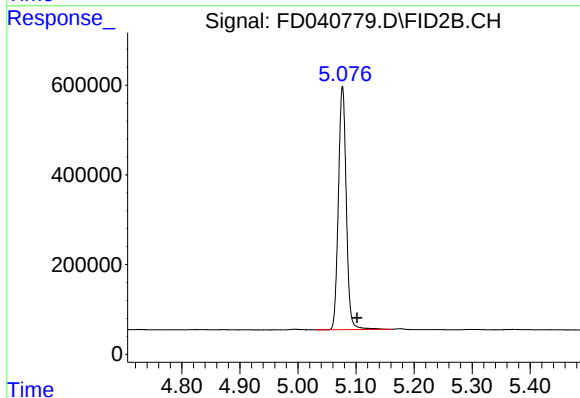
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Signal Info : 20M x 0.18mm x 0.18µm





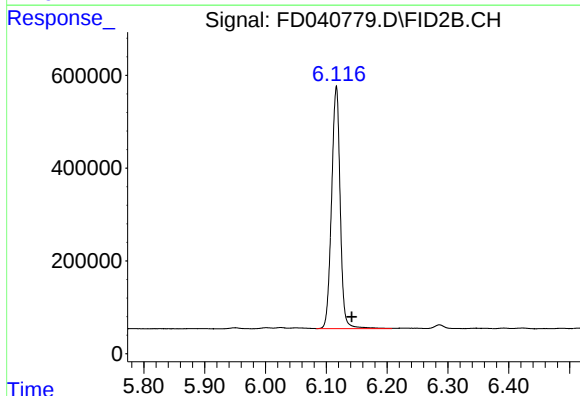
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.587 min
Delta R.T.: -0.020 min
Response: 4507467
Conc: 29.14 ug/ml



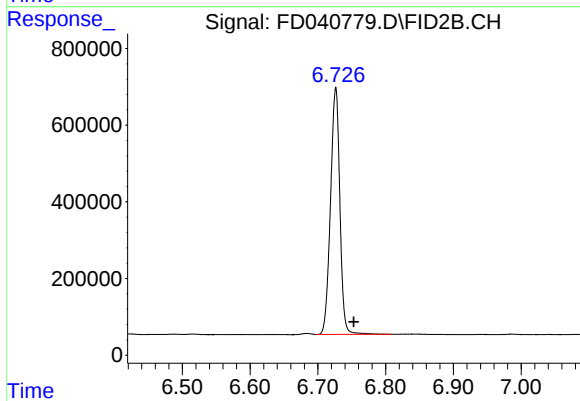
#2 Naphthalene (C11.7)

R.T.: 5.077 min
Delta R.T.: -0.025 min
Response: 5123636
Conc: 32.01 ug/ml



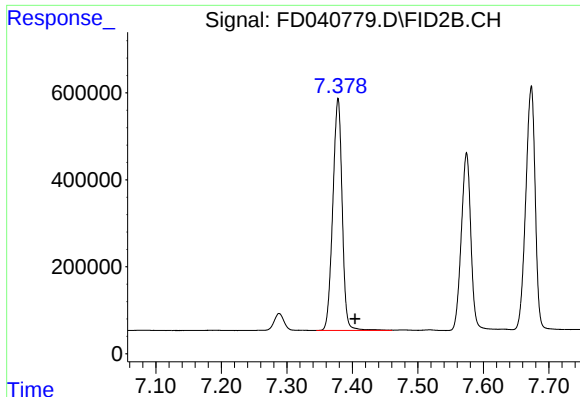
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.116 min
Delta R.T.: -0.025 min
Response: 5154000
Conc: 31.75 ug/ml



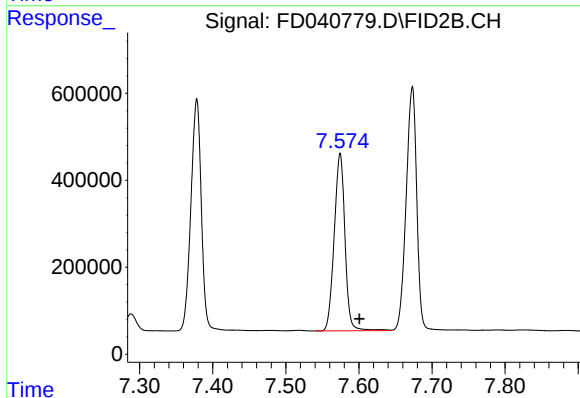
#4 2-Bromonaphthalene (SURR)

R.T.: 6.726 min
Delta R.T.: -0.027 min
Response: 6184205
Conc: 43.24 ug/ml



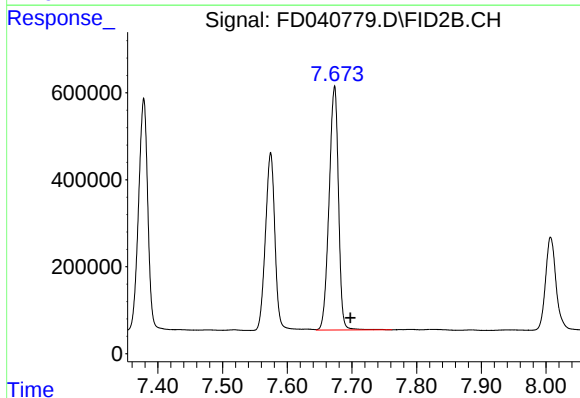
#5 Acenaphthylene (C15.06)

R.T.: 7.378 min
Delta R.T.: -0.026 min
Response: 5323471
Conc: 35.41 ug/ml



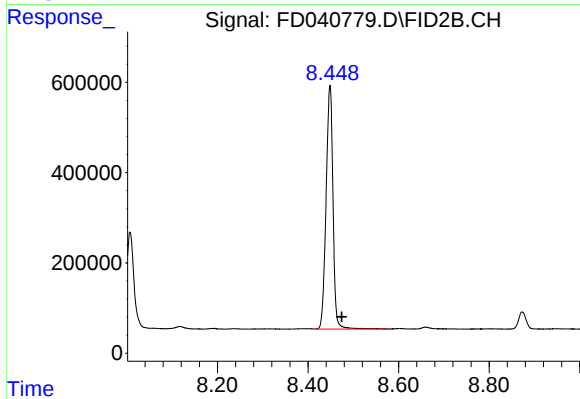
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.574 min
Delta R.T.: -0.026 min
Response: 4188681
Conc: 43.99 ug/ml



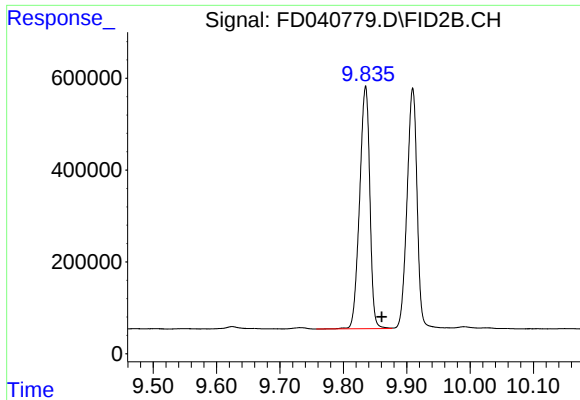
#7 Acenaphthene (C15.5)

R.T.: 7.673 min
Delta R.T.: -0.025 min
Response: 5670371
Conc: 35.18 ug/ml



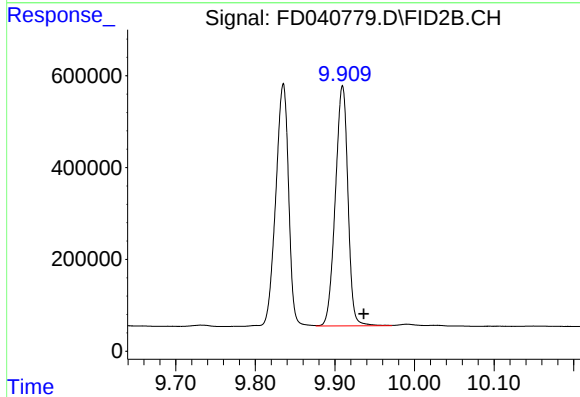
#8 Flouorene (C16.55)

R.T.: 8.448 min
Delta R.T.: -0.027 min
Response: 5717000
Conc: 36.78 ug/ml



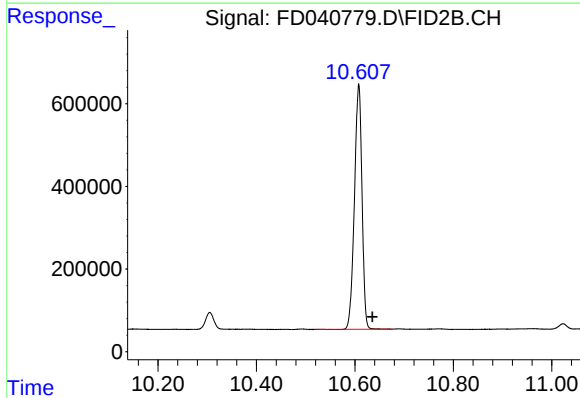
#9 Phenanthrene (C19.36)

R.T.: 9.835 min
Delta R.T.: -0.026 min
Response: 5913466
Conc: 38.44 ug/ml



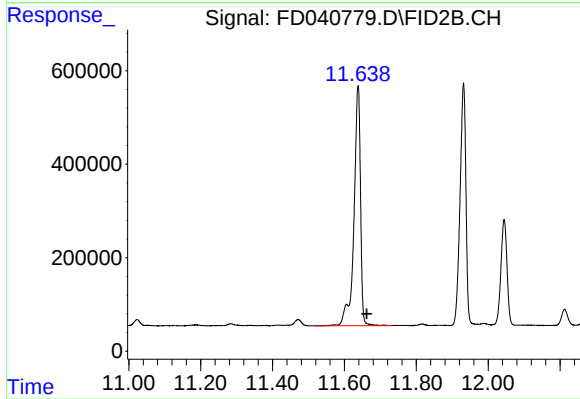
#10 Anthracene (C19.43)

R.T.: 9.909 min
Delta R.T.: -0.027 min
Response: 5753764
Conc: 39.38 ug/ml



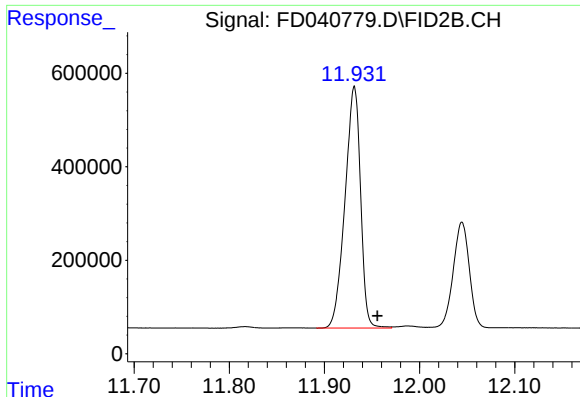
#11 ortho-Terphenyl (SURR)

R.T.: 10.608 min
Delta R.T.: -0.028 min
Response: 6318551
Conc: 40.43 ug/ml



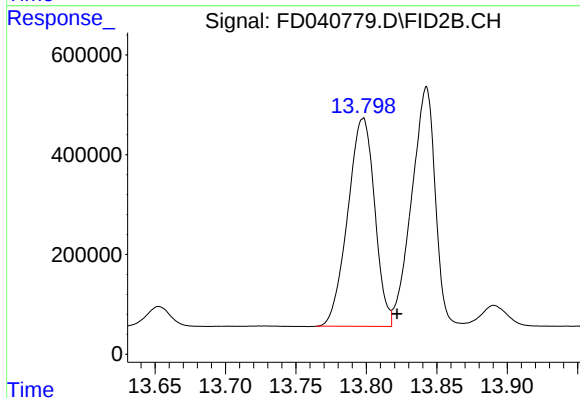
#12 Fluoranthene (C21.85)

R.T.: 11.638 min
Delta R.T.: -0.025 min
Response: 6530379
Conc: 42.06 ug/ml



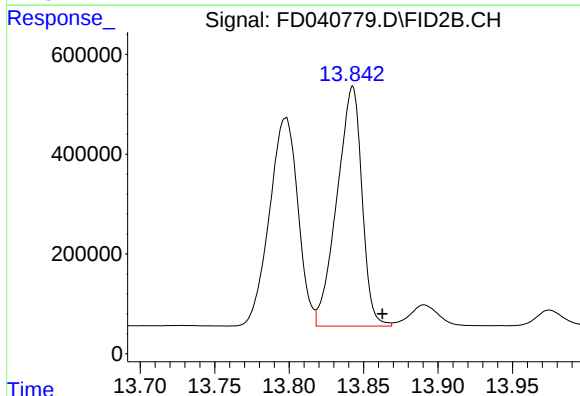
#13 Pyrene (C20.8)

R.T.: 11.931 min
Delta R.T.: -0.024 min
Response: 5882178
Conc: 38.97 ug/ml



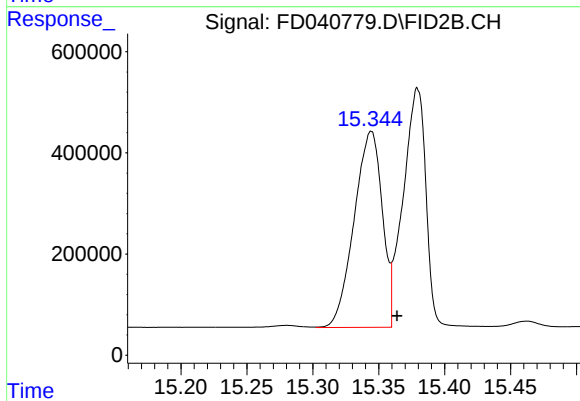
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.798 min
Delta R.T.: -0.024 min
Response: 5564551
Conc: 41.95 ug/ml m



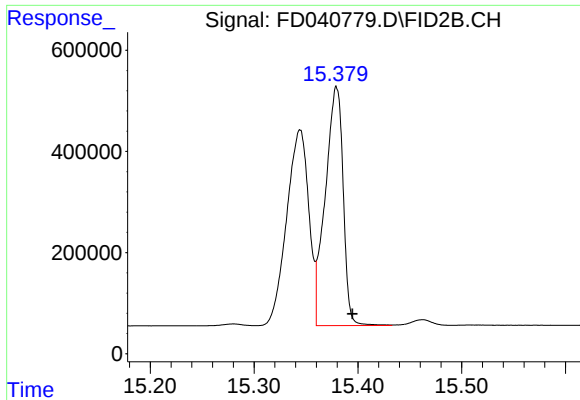
#15 Chrysene (C27.41)

R.T.: 13.842 min
Delta R.T.: -0.021 min
Response: 5611358
Conc: 38.37 ug/ml



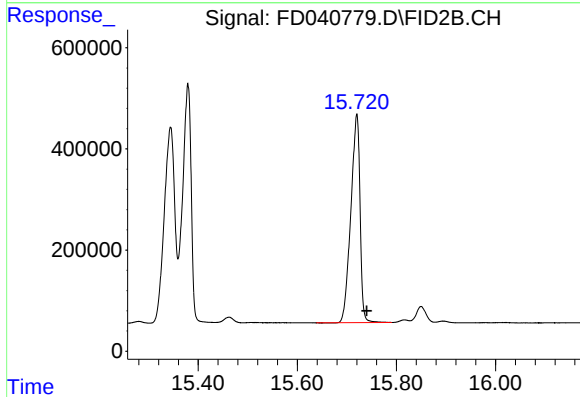
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.344 min
Delta R.T.: -0.020 min
Response: 5773034
Conc: 42.25 ug/ml m



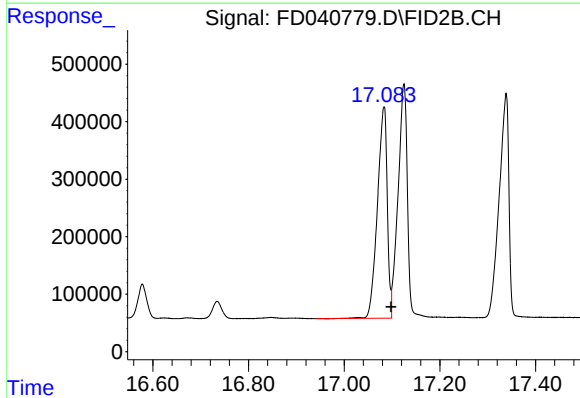
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.379 min
Delta R.T.: -0.016 min
Response: 5656922
Conc: 40.87 ug/ml



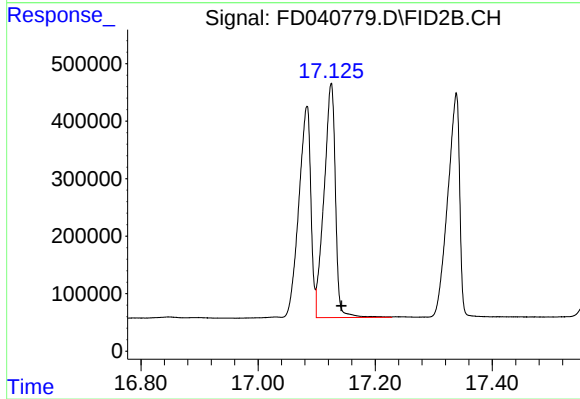
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.720 min
Delta R.T.: -0.021 min
Response: 5304820
Conc: 40.70 ug/ml



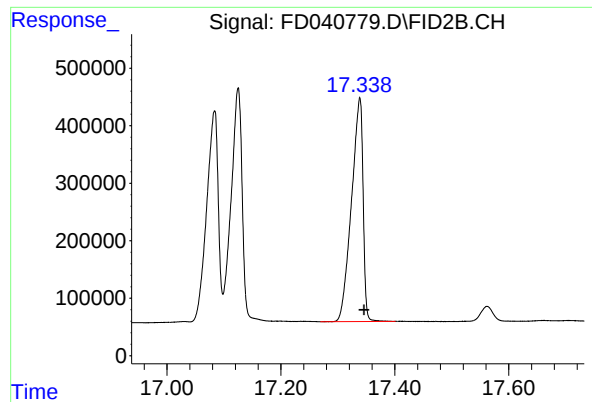
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.083 min
Delta R.T.: -0.015 min
Response: 5261708
Conc: 43.18 ug/ml



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

R.T.: 17.124 min
Delta R.T.: -0.018 min
Response: 5517458
Conc: 45.36 ug/ml



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

R.T.: 17.337 min
Delta R.T.: -0.009 min
Response: 5486864
Conc: 42.73 ug/ml