

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012622AR\
 Data File : FD040781.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2022 13:39
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 01:50:11 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

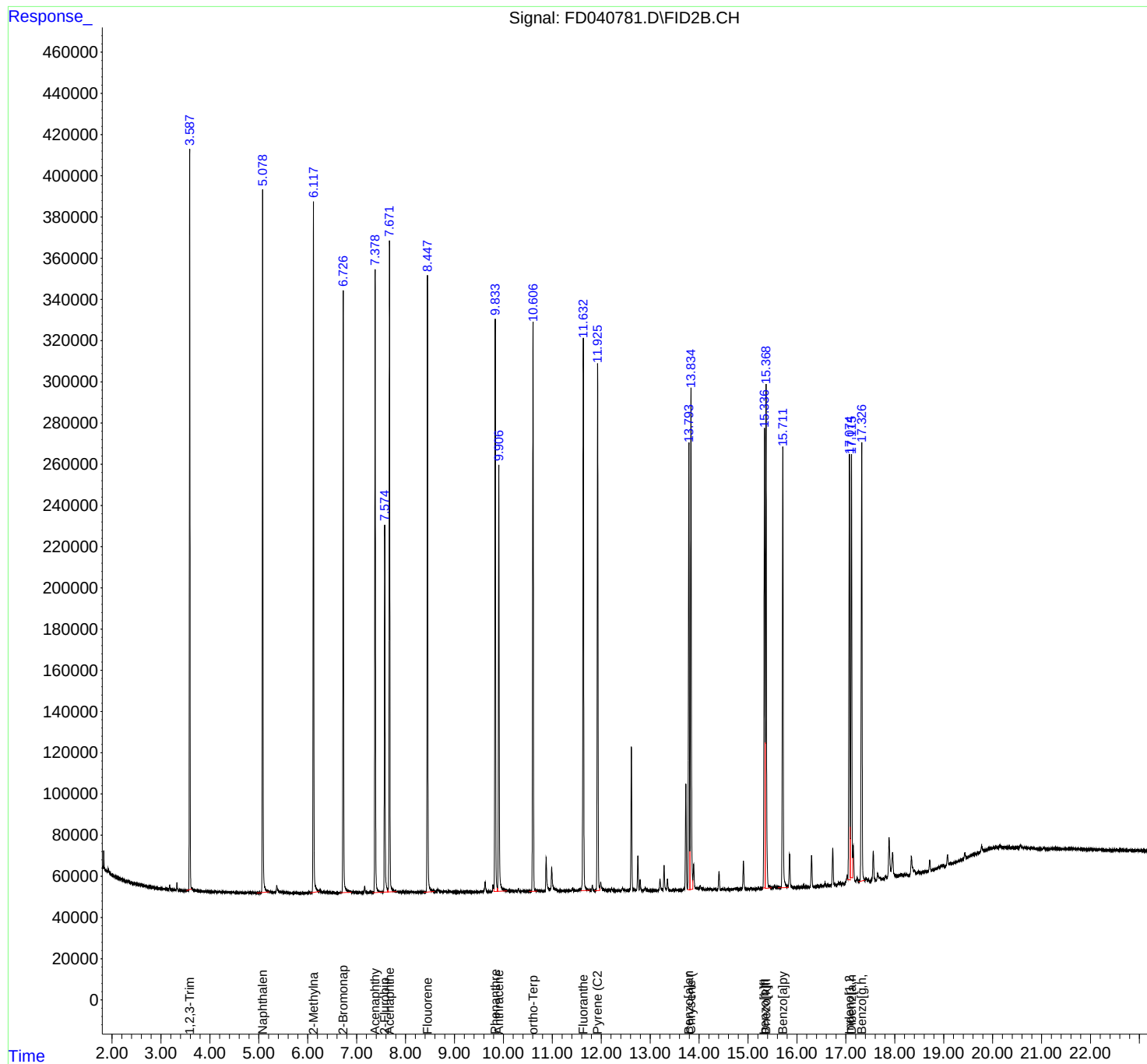
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.726	2918120	20.403 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
6) S 2-Fluorobiphenyl (SURR)	7.574	1899266	19.946 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.89%
11) S ortho-Terphenyl (SURR)	10.606	3080302	19.710 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.588	3178220	20.547 ug/ml
2) T Naphthalene (C11.7)	5.078	3281026	20.500 ug/ml
3) T 2-Methylnaphthalene (...)	6.117	3287681	20.254 ug/ml
5) T Acenaphthylene (C15.06)	7.378	3009601	20.021 ug/ml
7) T Acenaphthene (C15.5)	7.672	3267310	20.271 ug/ml
8) T Fluorene (C16.55)	8.447	3129139	20.132 ug/ml
9) T Phenanthrene (C19.36)	9.833	3044432	19.789 ug/ml
10) T Anthracene (C19.43)	9.906	2348569	16.075 ug/ml
12) T Fluoranthene (C21.85)	11.633	3072807	19.789 ug/ml
13) T Pyrene (C20.8)	11.926	2941905	19.490 ug/ml
14) T Benzo[a]anthracene (C...	13.793	2663349	20.076 ug/mlm
15) T Chrysene (C27.41)	13.834	3000078	20.515 ug/mlm
16) T benzo[b]fluoranthene ...	15.336	2832480	20.729 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.368	3061235	22.115 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.711	2740710	21.026 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.074	2696336	22.128 ug/mlm
20) T Dibenz[a,h]anthracene...	17.115	2709731	22.277 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.325	2820534	21.966 ug/ml

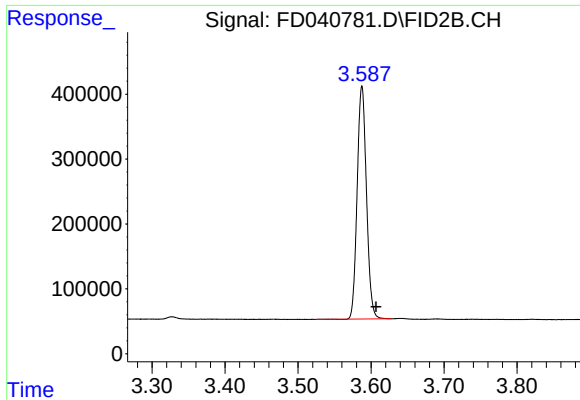
(f)=RT Delta > 1/2 Window

(m)=manual int.

Integration File: autoint1.e
Quant Time: Jan 27 01:50:11 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
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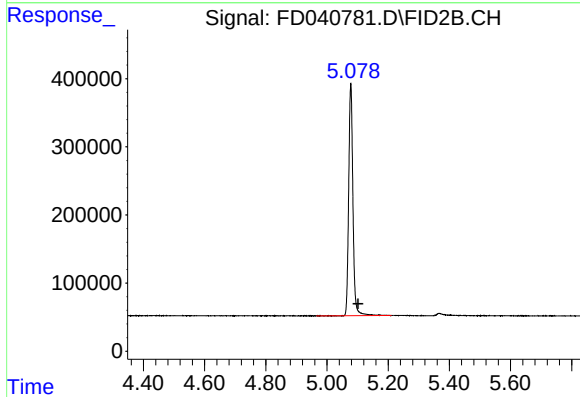
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





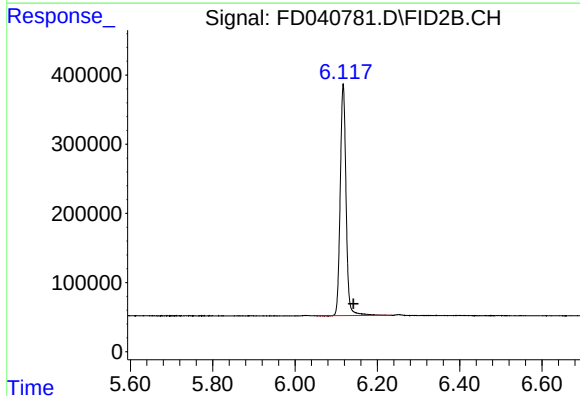
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.588 min
Delta R.T.: -0.019 min
Response: 3178220
Conc: 20.55 ug/ml



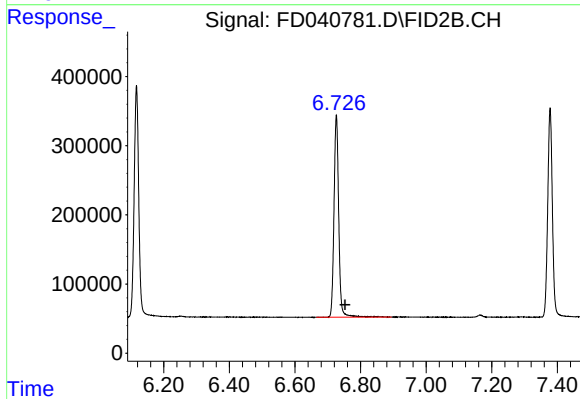
#2 Naphthalene (C11.7)

R.T.: 5.078 min
Delta R.T.: -0.024 min
Response: 3281026
Conc: 20.50 ug/ml



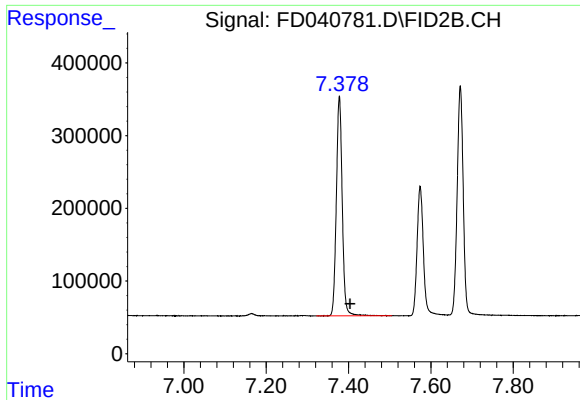
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.117 min
Delta R.T.: -0.025 min
Response: 3287681
Conc: 20.25 ug/ml



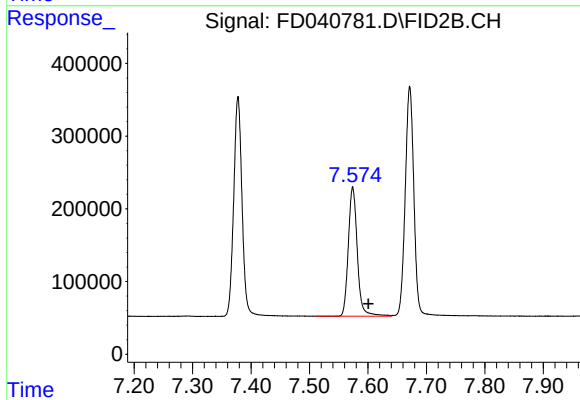
#4 2-Bromonaphthalene (SURR)

R.T.: 6.726 min
Delta R.T.: -0.027 min
Response: 2918120
Conc: 20.40 ug/ml



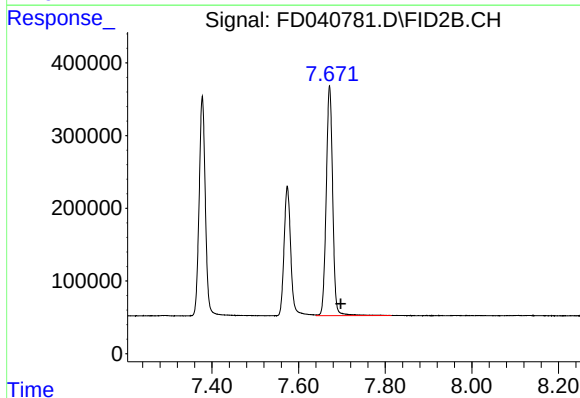
#5 Acenaphthylene (C15.06)

R.T.: 7.378 min
Delta R.T.: -0.026 min
Response: 3009601
Conc: 20.02 ug/ml



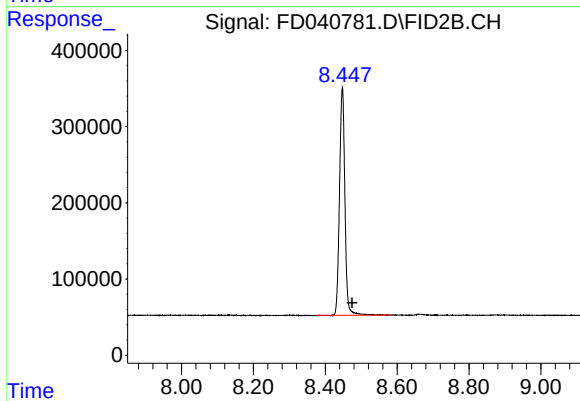
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.574 min
Delta R.T.: -0.027 min
Response: 1899266
Conc: 19.95 ug/ml



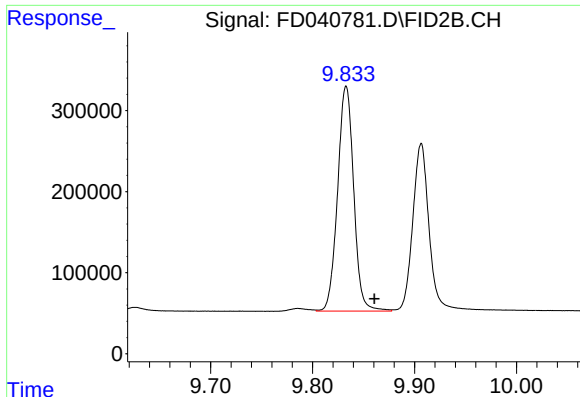
#7 Acenaphthene (C15.5)

R.T.: 7.672 min
Delta R.T.: -0.026 min
Response: 3267310
Conc: 20.27 ug/ml



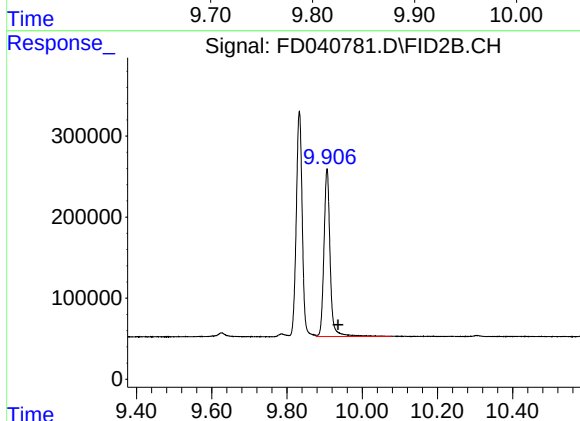
#8 Fluorene (C16.55)

R.T.: 8.447 min
Delta R.T.: -0.027 min
Response: 3129139
Conc: 20.13 ug/ml



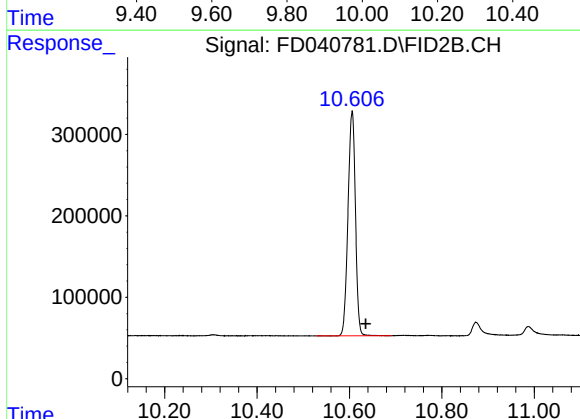
#9 Phenanthrene (C19.36)

R.T.: 9.833 min
Delta R.T.: -0.028 min
Response: 3044432
Conc: 19.79 ug/ml



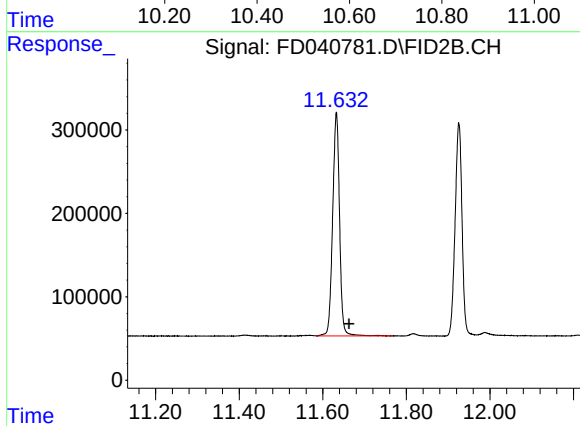
#10 Anthracene (C19.43)

R.T.: 9.906 min
Delta R.T.: -0.030 min
Response: 2348569
Conc: 16.08 ug/ml



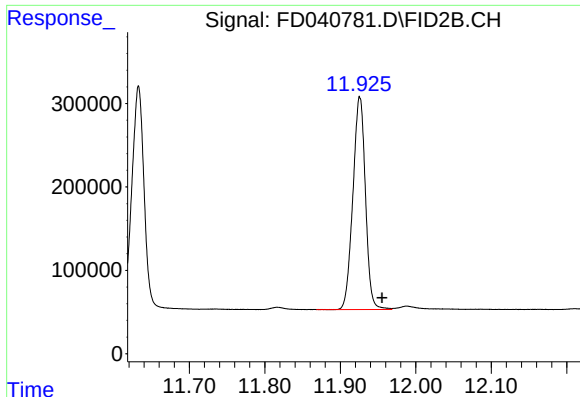
#11 ortho-Terphenyl (SURR)

R.T.: 10.606 min
Delta R.T.: -0.030 min
Response: 3080302
Conc: 19.71 ug/ml



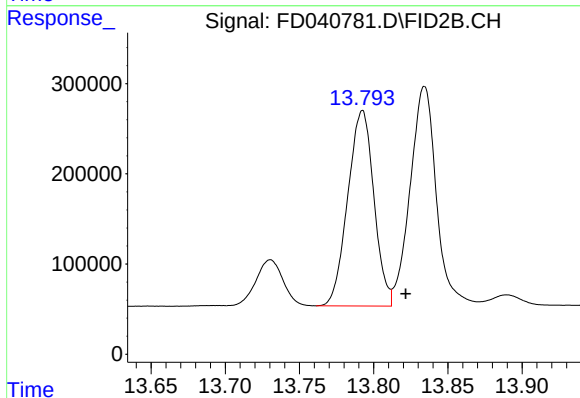
#12 Fluoranthene (C21.85)

R.T.: 11.633 min
Delta R.T.: -0.030 min
Response: 3072807
Conc: 19.79 ug/ml



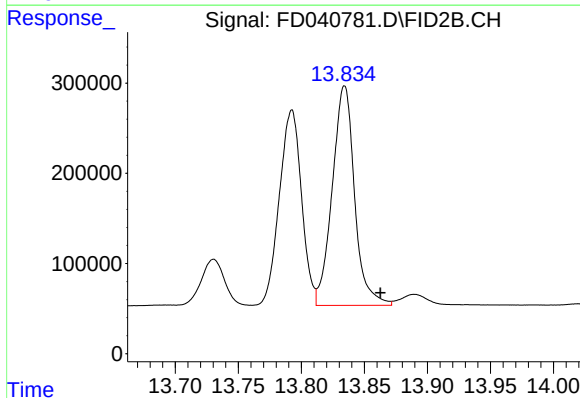
#13 Pyrene (C20.8)

R.T.: 11.926 min
Delta R.T.: -0.030 min
Response: 2941905
Conc: 19.49 ug/ml



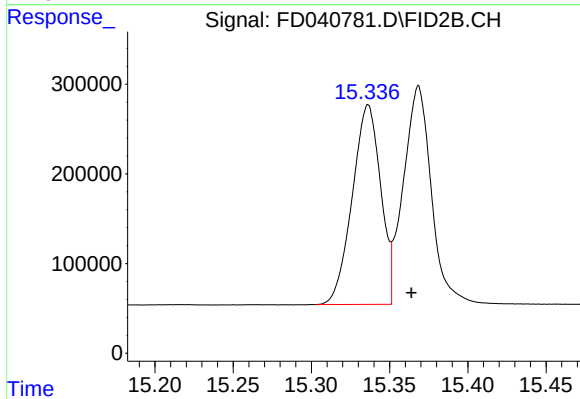
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.793 min
Delta R.T.: -0.029 min
Response: 2663349
Conc: 20.08 ug/ml m



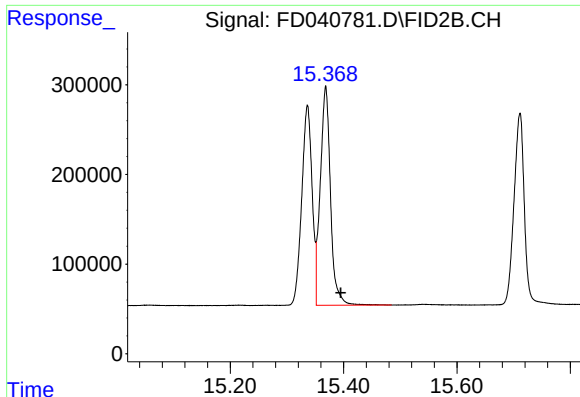
#15 Chrysene (C27.41)

R.T.: 13.834 min
Delta R.T.: -0.029 min
Response: 3000078
Conc: 20.52 ug/ml m



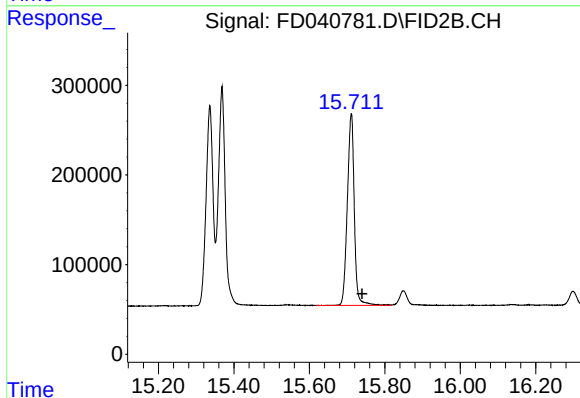
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.336 min
Delta R.T.: -0.028 min
Response: 2832480
Conc: 20.73 ug/ml m



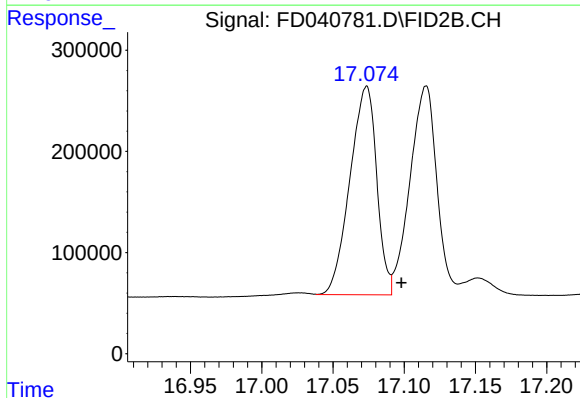
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.368 min
Delta R.T.: -0.026 min
Response: 3061235
Conc: 22.12 ug/ml



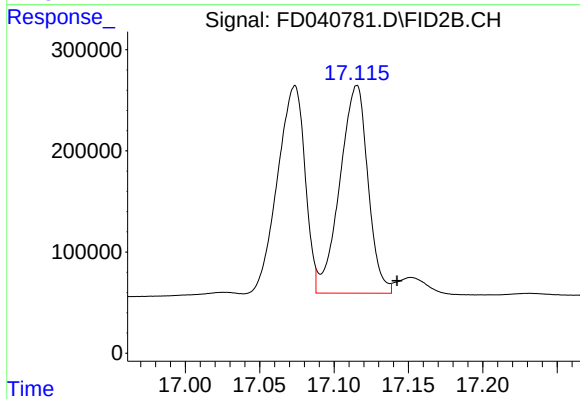
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.711 min
Delta R.T.: -0.029 min
Response: 2740710
Conc: 21.03 ug/ml



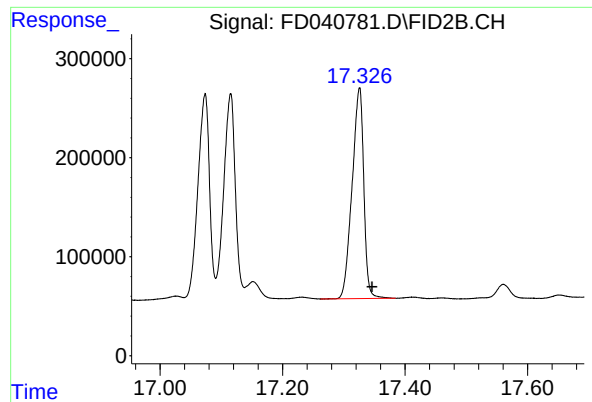
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.074 min
Delta R.T.: -0.024 min
Response: 2696336
Conc: 22.13 ug/ml m



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

R.T.: 17.115 min
Delta R.T.: -0.027 min
Response: 2709731
Conc: 22.28 ug/ml m



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

R.T.: 17.325 min
Delta R.T.: -0.021 min
Response: 2820534
Conc: 21.97 ug/ml