

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011224AR\
 Data File : FD047138.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jan 2024 15:02
 Operator : YP/AJ
 Sample : P1117-09MS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 03:34:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.471	9233551	60.030 ug/ml
Spiked Amount 50.000		Recovery =	120.06%
6) S 2-Fluorobiphenyl (SURR)	8.324	4817601	47.157 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.31%
11) S ortho-Terphenyl (SURR)	11.362	8936838	50.159 ug/ml
Spiked Amount 50.000		Recovery =	100.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	6425236	41.244 ug/ml
2) T Naphthalene (C11.7)	5.810	7643264	45.626 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	8094988	47.750 ug/ml
5) T Acenaphthylene (C15.06)	8.129	8799409	56.762 ug/ml
7) T Acenaphthene (C15.5)	8.425	8674436	52.528 ug/ml
8) T Flouorene (C16.55)	9.203	9313441	58.356 ug/ml
9) T Phenanthrene (C19.36)	10.593	9820254	62.038 ug/ml
10) T Anthracene (C19.43)	10.668	9124152	59.520 ug/ml
12) T Fluoranthene (C21.85)	12.398	10104613	63.336 ug/ml
13) T Pyrene (C20.8)	12.692	10093970	65.302 ug/ml
14) T Benzo[a]anthracene (C...	14.557	9511508	67.752 ug/ml
15) T Chrysene (C27.41)	14.602	9588231	61.907 ug/ml
16) T benzo[b]fluoranthene ...	16.100	9211555	63.503 ug/ml
17) T Bnezo[k]fluoranthene ...	16.100	9211555	62.487 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	8122344	56.820 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	9414730	73.052 ug/ml
20) T Dibenz[a,h]anthracene...	17.837	9414730	66.410 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	8185325	59.652 ug/ml

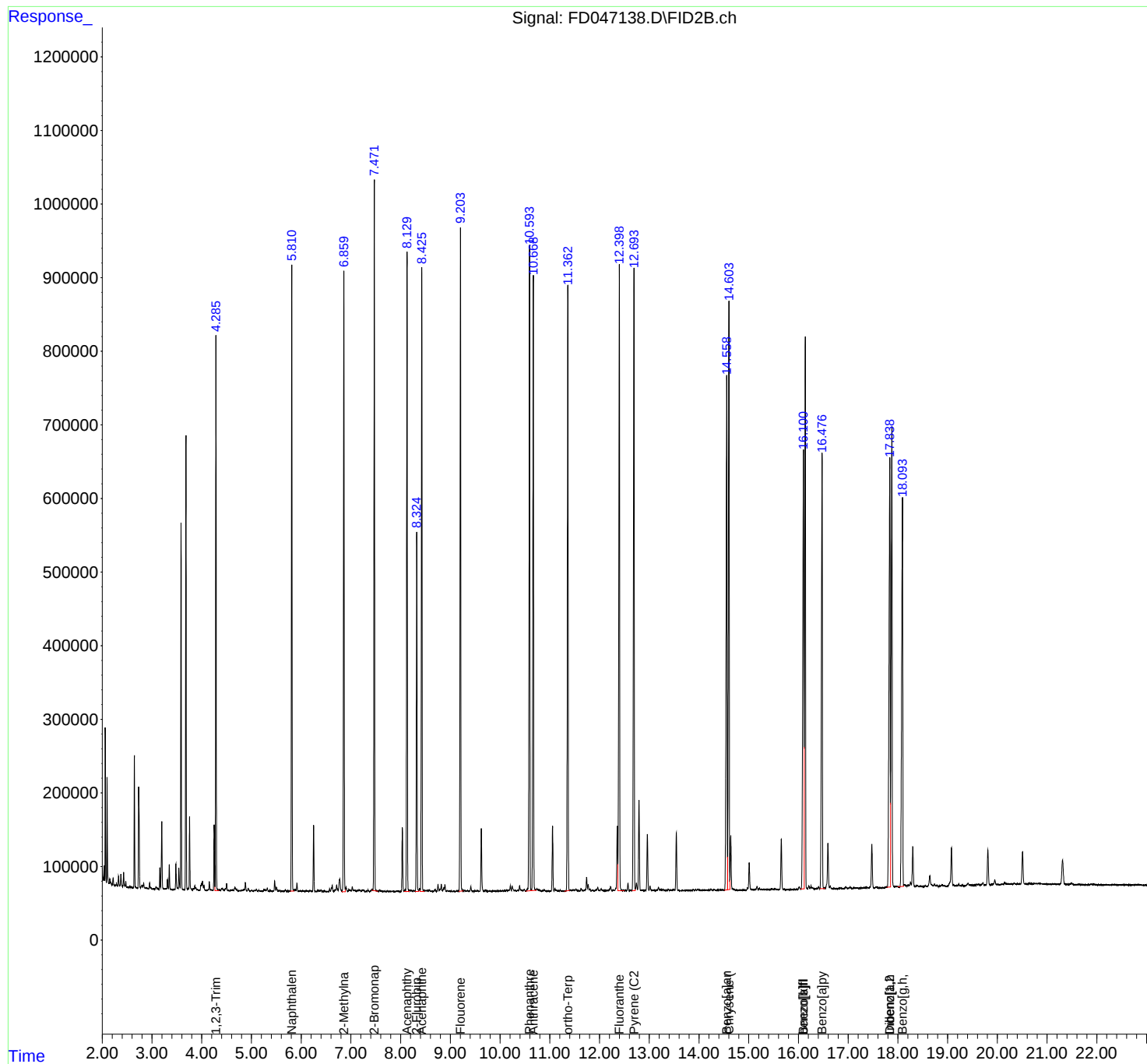
(f)=RT Delta > 1/2 Window

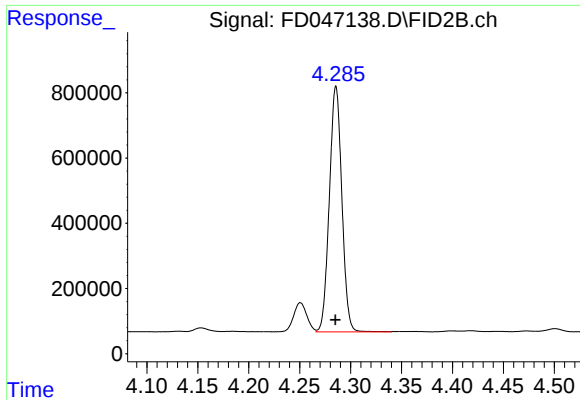
(m)=manual int.

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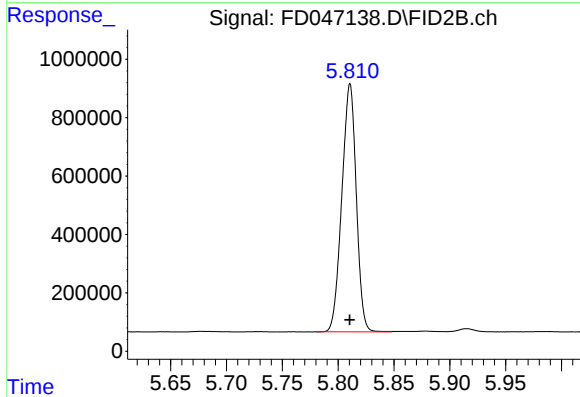
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





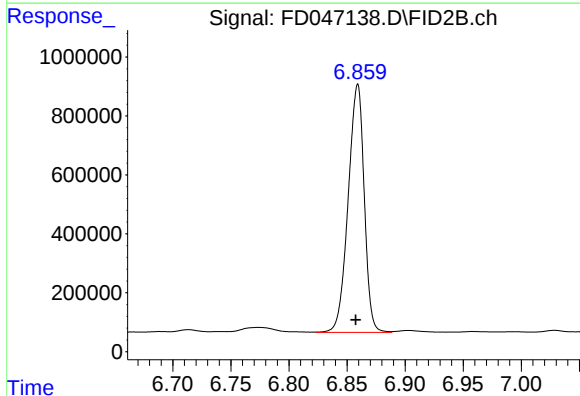
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 6425236
Conc: 41.24 ug/ml



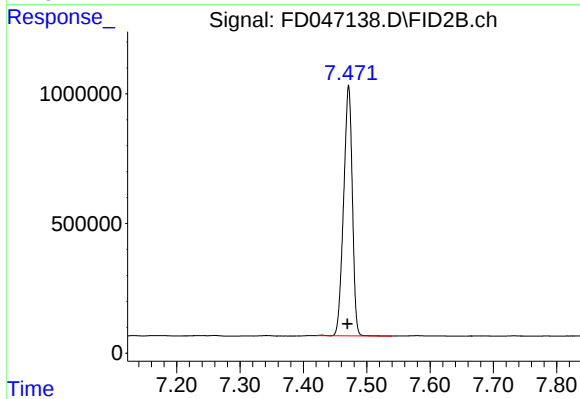
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 7643264
Conc: 45.63 ug/ml



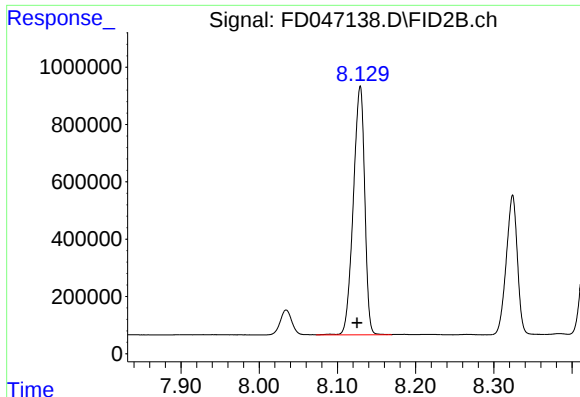
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.001 min
Response: 8094988
Conc: 47.75 ug/ml



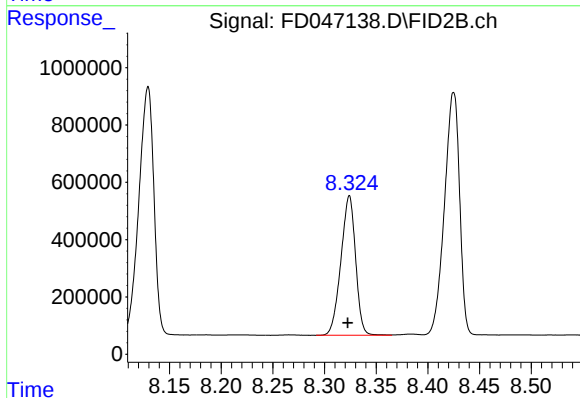
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 9233551
Conc: 60.03 ug/ml



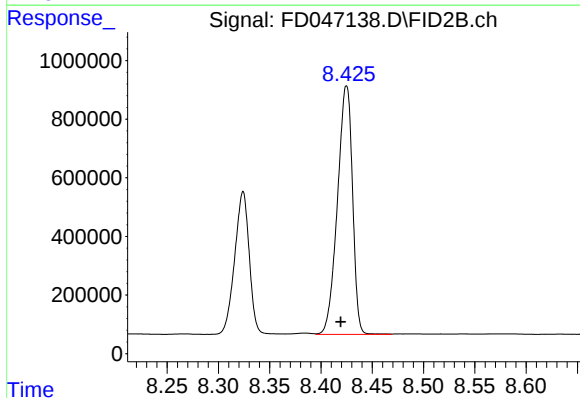
#5 Acenaphthylene (C15.06)

R.T.: 8.129 min
Delta R.T.: 0.004 min
Response: 8799409
Conc: 56.76 ug/ml



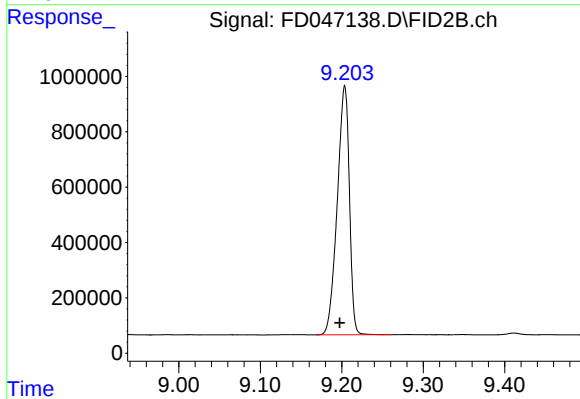
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 4817601
Conc: 47.16 ug/ml



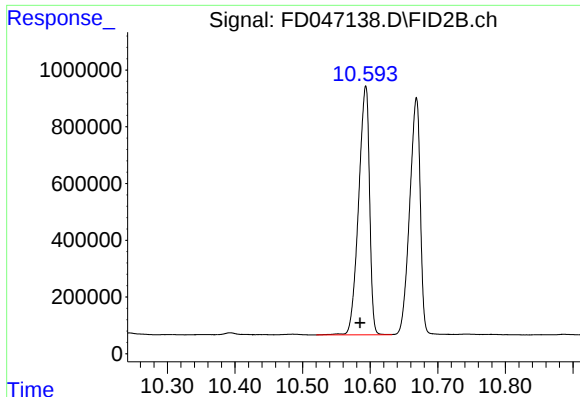
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: 0.005 min
Response: 8674436
Conc: 52.53 ug/ml



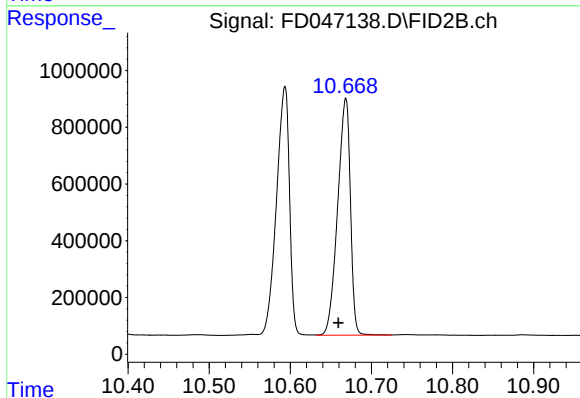
#8 Flouorene (C16.55)

R.T.: 9.203 min
Delta R.T.: 0.006 min
Response: 9313441
Conc: 58.36 ug/ml



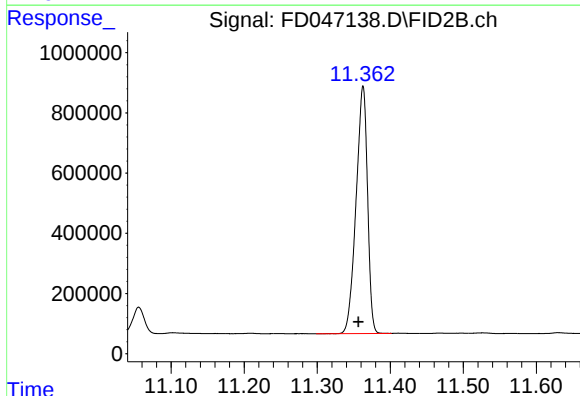
#9 Phenanthrene (C19.36)

R.T.: 10.593 min
Delta R.T.: 0.008 min
Response: 9820254
Conc: 62.04 ug/ml



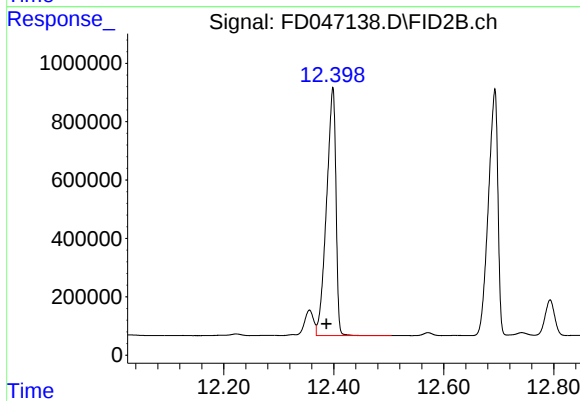
#10 Anthracene (C19.43)

R.T.: 10.668 min
Delta R.T.: 0.008 min
Response: 9124152
Conc: 59.52 ug/ml



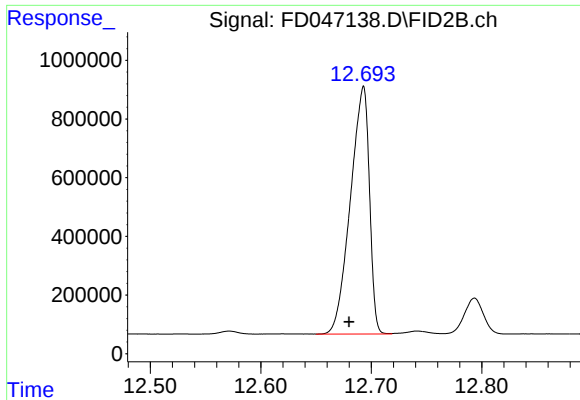
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.006 min
Response: 8936838
Conc: 50.16 ug/ml



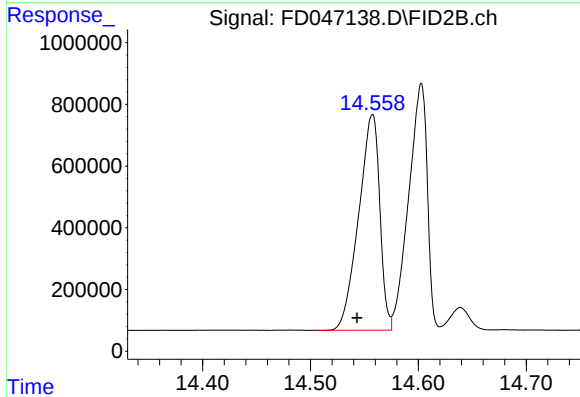
#12 Fluoranthene (C21.85)

R.T.: 12.398 min
Delta R.T.: 0.011 min
Response: 10104613
Conc: 63.34 ug/ml



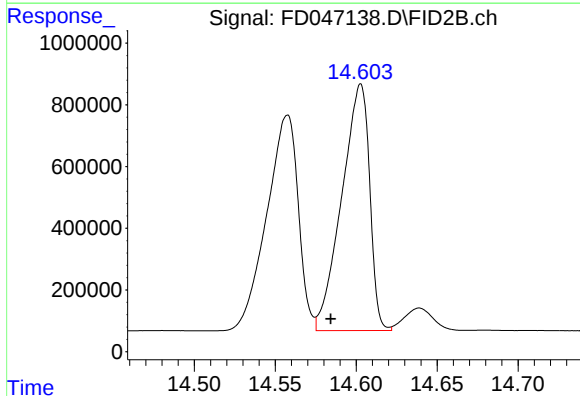
#13 Pyrene (C20.8)

R.T.: 12.692 min
Delta R.T.: 0.012 min
Response: 10093970
Conc: 65.30 ug/ml



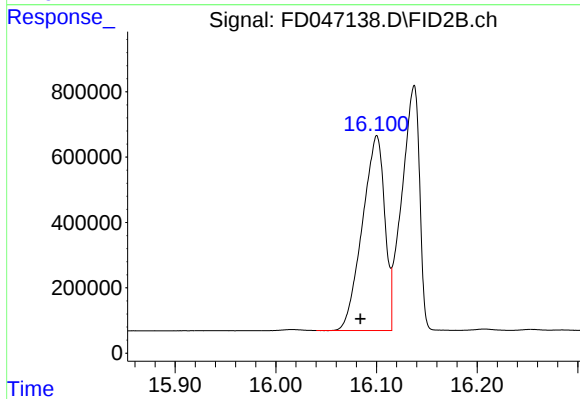
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.014 min
Response: 9511508
Conc: 67.75 ug/ml



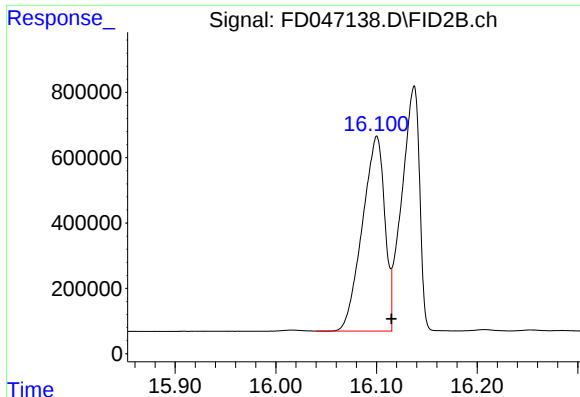
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.018 min
Response: 9588231
Conc: 61.91 ug/ml



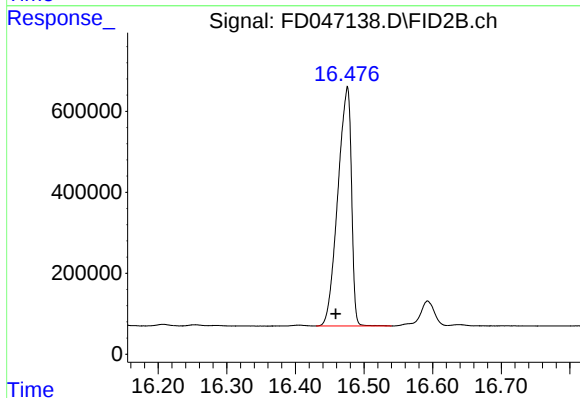
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.100 min
Delta R.T.: 0.016 min
Response: 9211555
Conc: 63.50 ug/ml



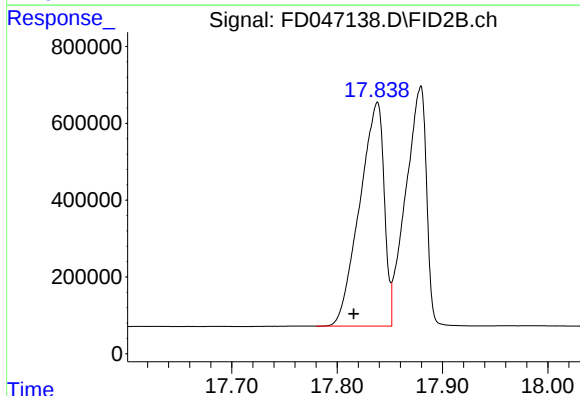
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.100 min
Delta R.T.: -0.015 min
Response: 9211555
Conc: 62.49 ug/ml



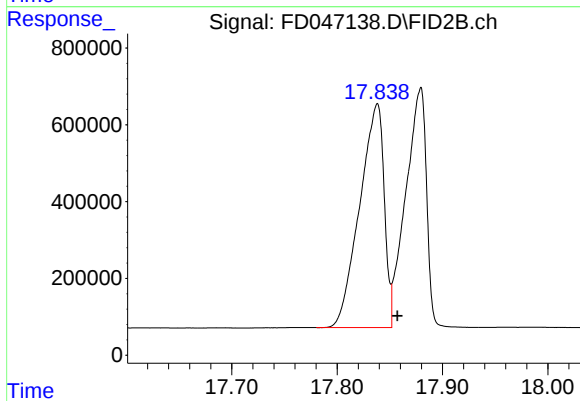
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: 0.016 min
Response: 8122344
Conc: 56.82 ug/ml



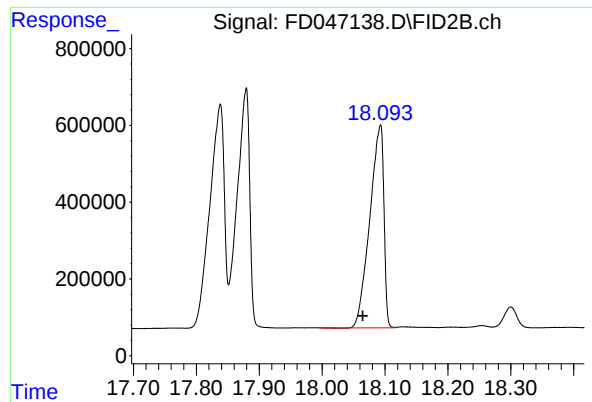
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: 0.021 min
Response: 9414730
Conc: 73.05 ug/ml



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

R.T.: 17.837 min
Delta R.T.: -0.020 min
Response: 9414730
Conc: 66.41 ug/ml



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

R.T.: 18.091 min
Delta R.T.: 0.027 min
Response: 8185325
Conc: 59.65 ug/ml