

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122123AR\
 Data File : FD047071.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2023 20:10
 Operator : YP/AJ
 Sample : 05789-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 22:30:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 13:19:40 2023
 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...	7.472	8217150	46.794 ug/ml
Spiked Amount 50.000		Recovery =	93.59%
6) S 2-Fluorobiphenyl (SURR)	8.324	3636830	33.622 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.24%
11) S ortho-Terphenyl (SURR)	11.363	7519221	36.728 ug/ml
Spiked Amount 50.000		Recovery =	73.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	6504313	33.757 ug/mlm
2) T Naphthalene (C11.7)	5.813	10624983	54.555 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	7261654	37.325 ug/ml
5) T Acenaphthylene (C15.06)	8.129	8075445	46.110 ug/ml
7) T Acenaphthene (C15.5)	8.425	7894608	41.820 ug/ml
8) T Flouorene (C16.55)	9.205	9401952	54.719 ug/ml
9) T Phenanthrene (C19.36)	10.596	12303776	75.077 ug/ml
10) T Anthracene (C19.43)	10.669	8511014	79.729 ug/ml
12) T Fluoranthene (C21.85)	12.400	11477751	71.833 ug/ml
13) T Pyrene (C20.8)	12.694	10739923	69.471 ug/ml
14) T Benzo[a]anthracene (C...	14.557	8577206	69.160 ug/ml
15) T Chrysene (C27.41)	14.601	8644209	58.228 ug/ml
16) T benzo[b]fluoranthene ...	16.100	8454131	62.646 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	7692543	54.348 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.475	7401185	57.621 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	7879013	69.914 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	7006249	53.080 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	7217520	54.117 ug/ml

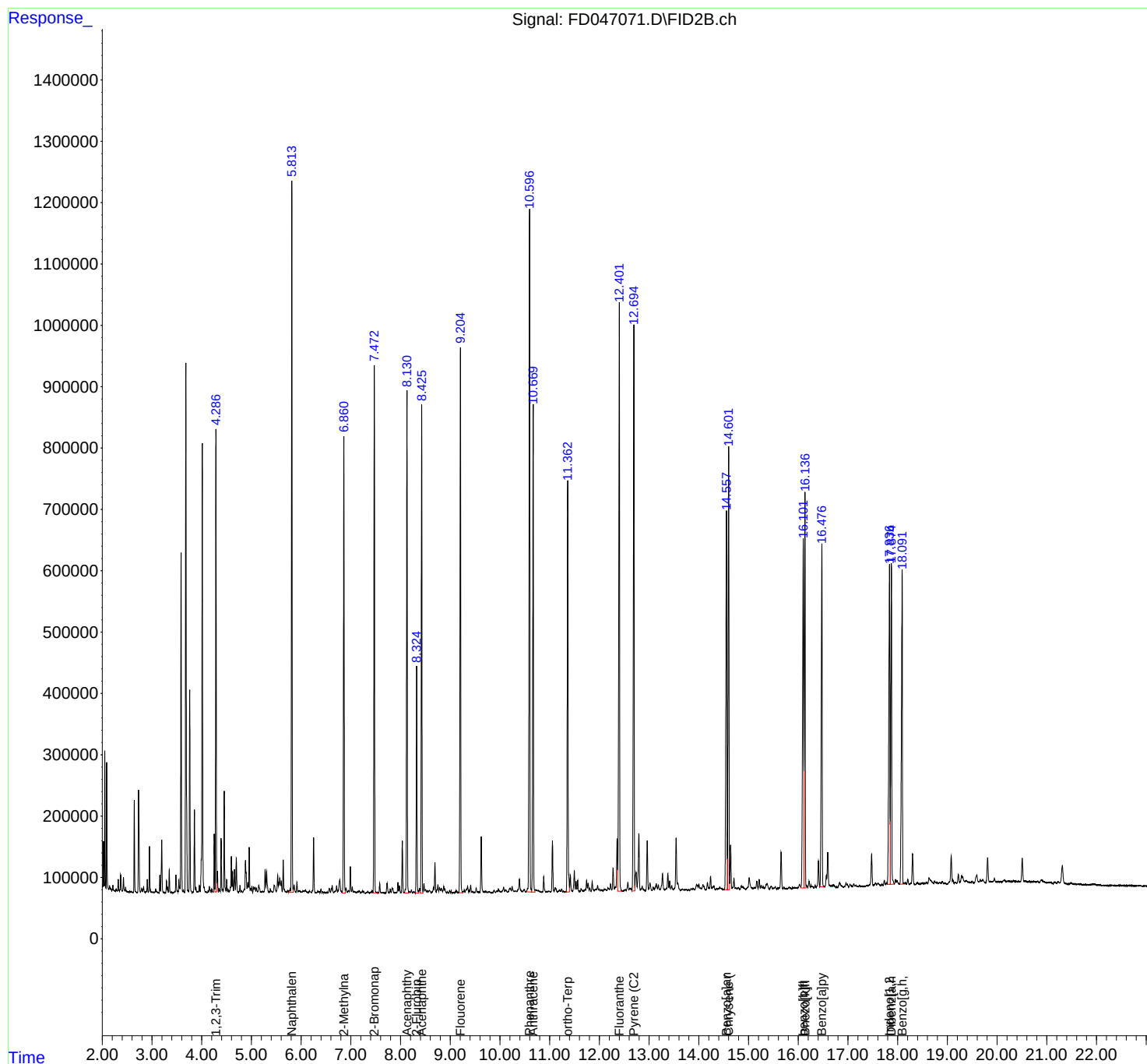
(f)=RT Delta > 1/2 Window

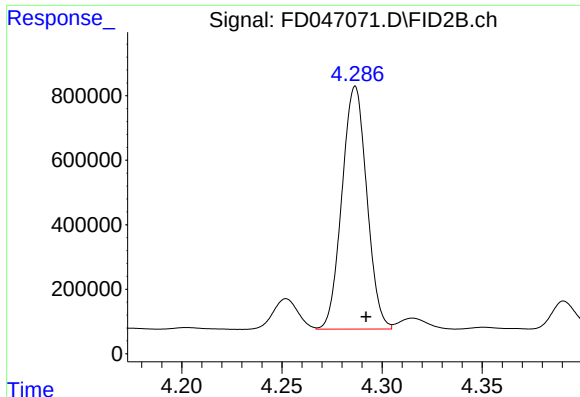
(m)=manual int.

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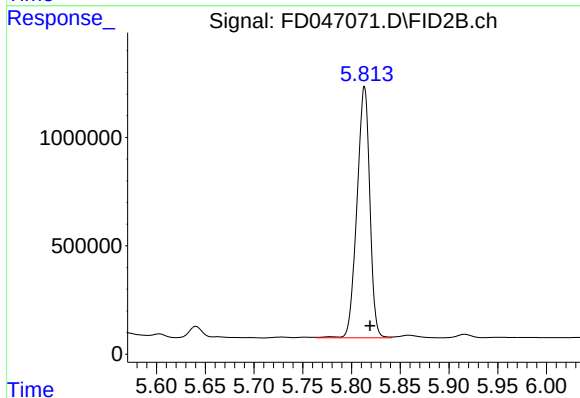
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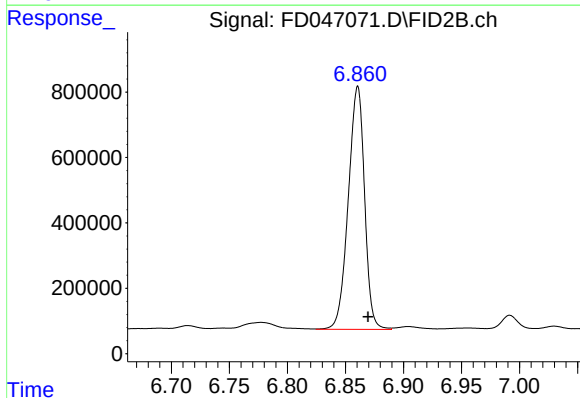
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: -0.006 min
Response: 6504313
Conc: 33.76 ug/ml m



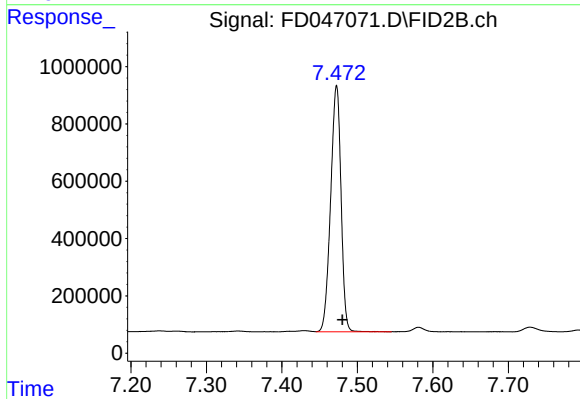
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: -0.006 min
Response: 10624983
Conc: 54.55 ug/ml



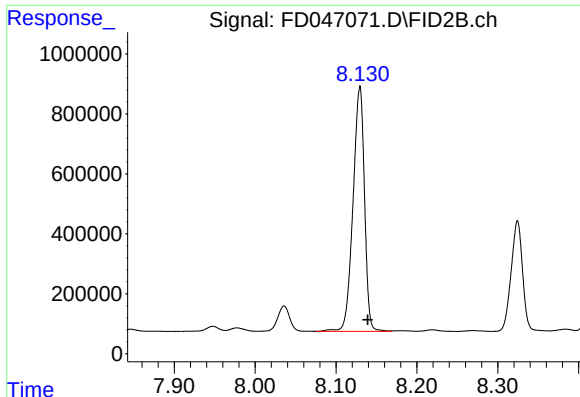
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.009 min
Response: 7261654
Conc: 37.33 ug/ml



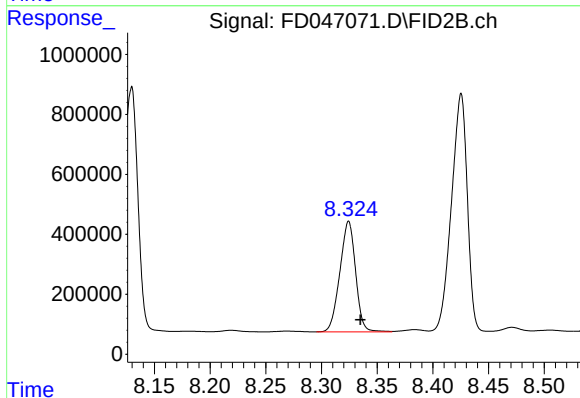
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.008 min
Response: 8217150
Conc: 46.79 ug/ml



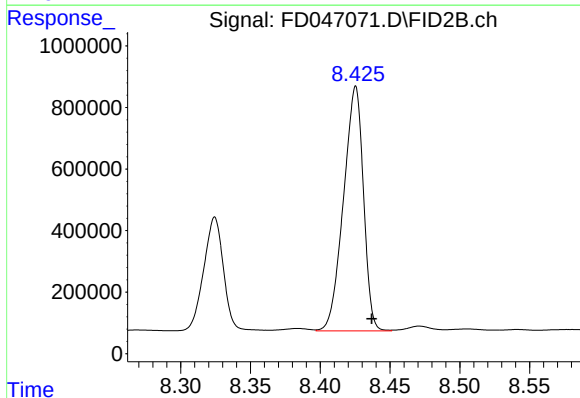
#5 Acenaphthylene (C15.06)

R.T.: 8.129 min
Delta R.T.: -0.010 min
Response: 8075445
Conc: 46.11 ug/ml



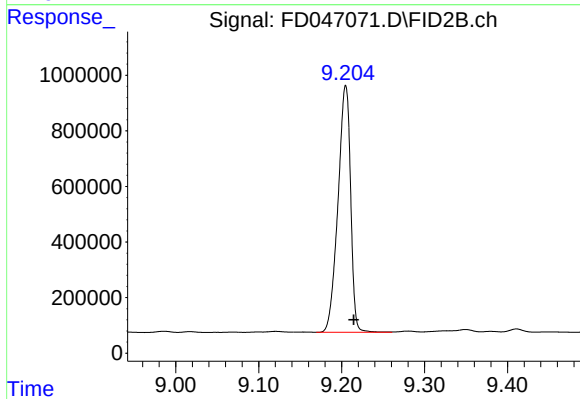
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: -0.011 min
Response: 3636830
Conc: 33.62 ug/ml



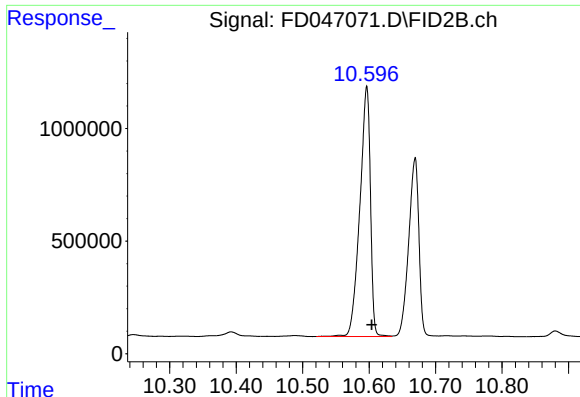
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: -0.012 min
Response: 7894608
Conc: 41.82 ug/ml



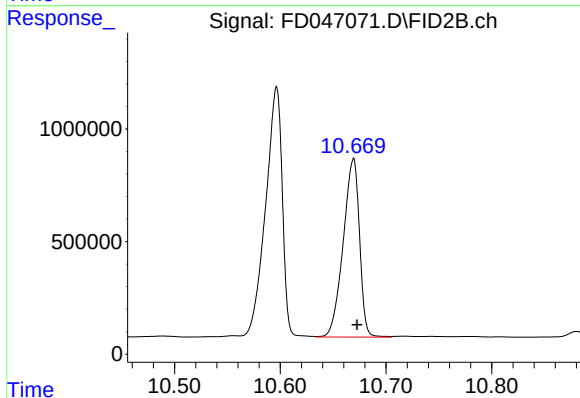
#8 Flouorene (C16.55)

R.T.: 9.205 min
Delta R.T.: -0.010 min
Response: 9401952
Conc: 54.72 ug/ml



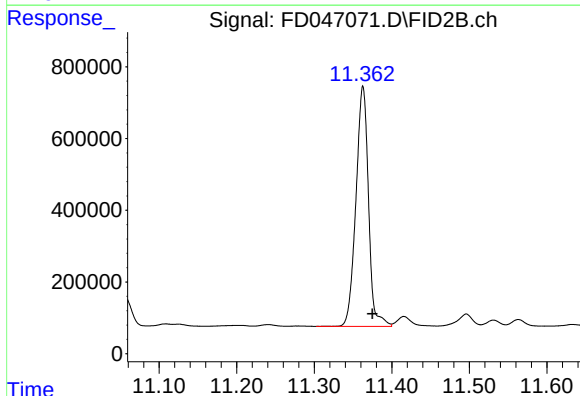
#9 Phenanthrene (C19.36)

R.T.: 10.596 min
Delta R.T.: -0.008 min
Response: 12303776
Conc: 75.08 ug/ml



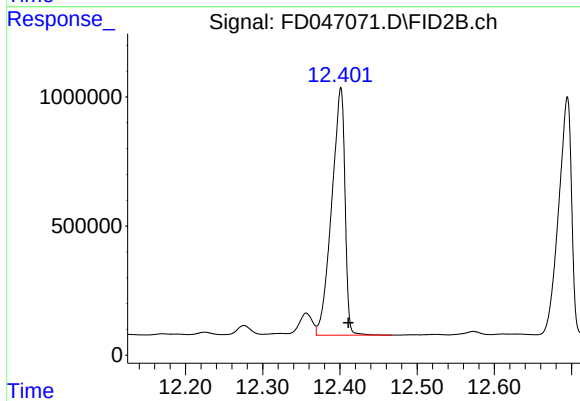
#10 Anthracene (C19.43)

R.T.: 10.669 min
Delta R.T.: -0.004 min
Response: 8511014
Conc: 79.73 ug/ml



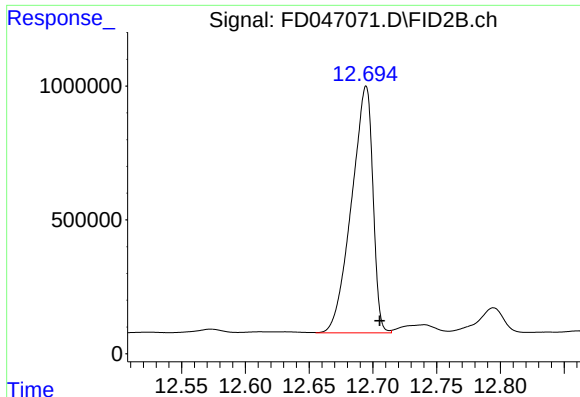
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: -0.012 min
Response: 7519221
Conc: 36.73 ug/ml



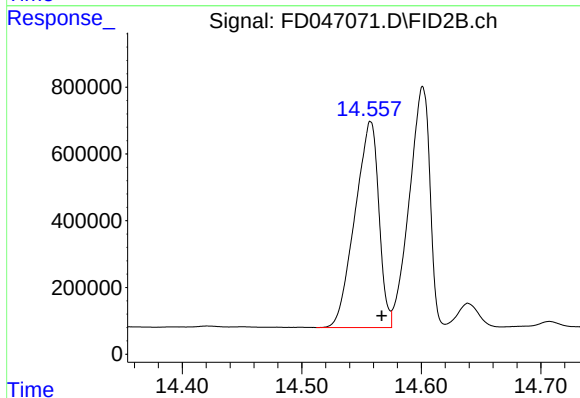
#12 Fluoranthene (C21.85)

R.T.: 12.400 min
Delta R.T.: -0.011 min
Response: 11477751
Conc: 71.83 ug/ml



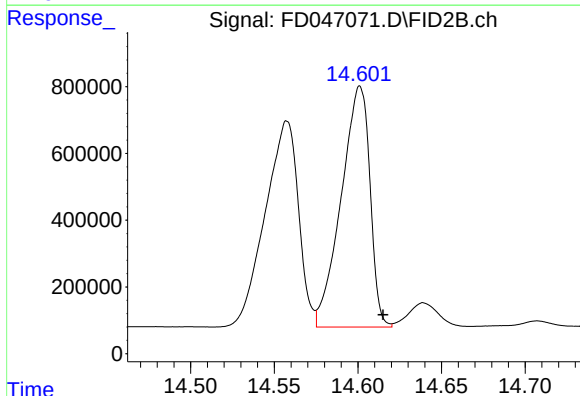
#13 Pyrene (C20.8)

R.T.: 12.694 min
Delta R.T.: -0.012 min
Response: 10739923
Conc: 69.47 ug/ml



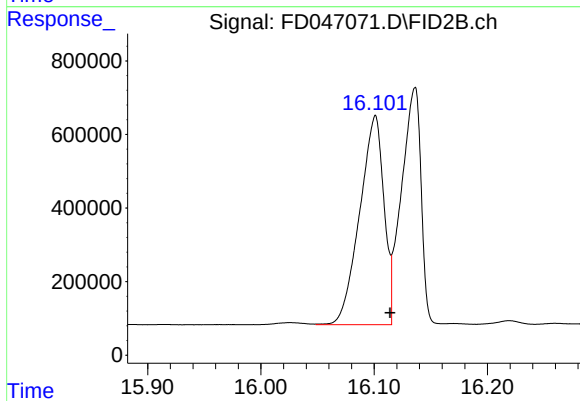
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: -0.010 min
Response: 8577206
Conc: 69.16 ug/ml



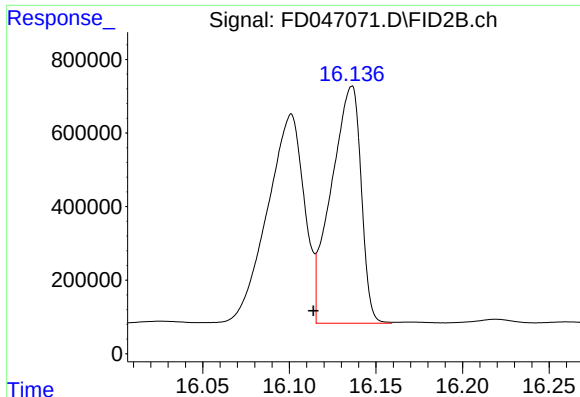
#15 Chrysene (C27.41)

R.T.: 14.601 min
Delta R.T.: -0.014 min
Response: 8644209
Conc: 58.23 ug/ml



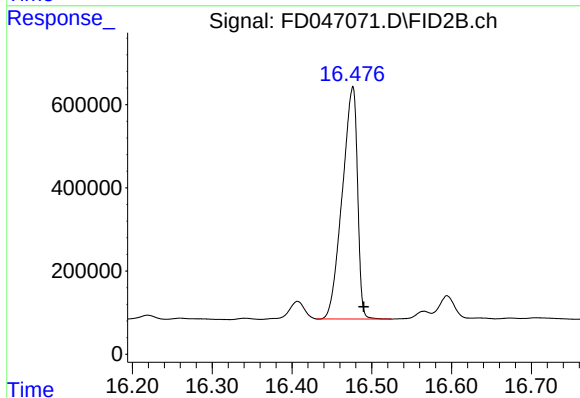
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.100 min
Delta R.T.: -0.014 min
Response: 8454131
Conc: 62.65 ug/ml



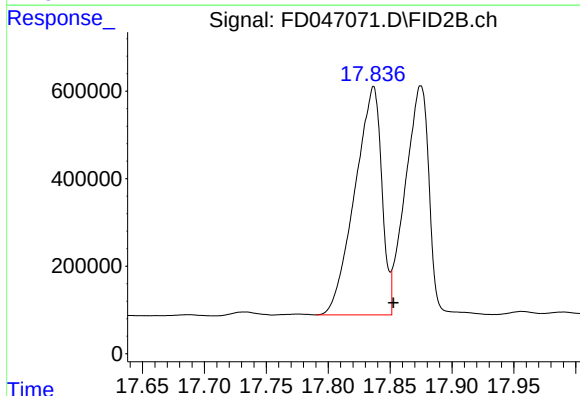
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.136 min
Delta R.T.: 0.022 min
Response: 7692543
Conc: 54.35 ug/ml m



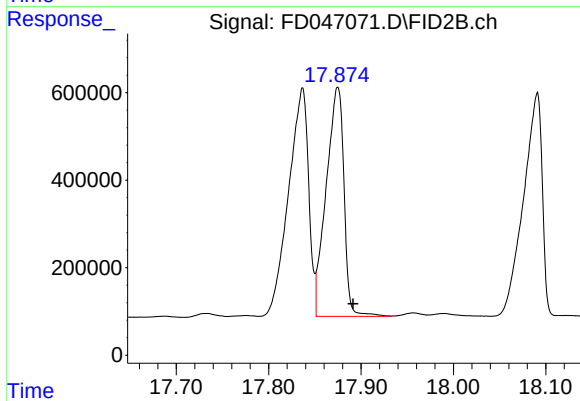
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: -0.015 min
Response: 7401185
Conc: 57.62 ug/ml



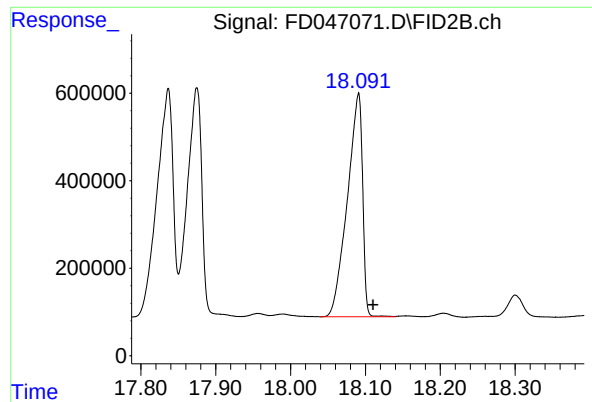
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: -0.017 min
Response: 7879013
Conc: 69.91 ug/ml



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

R.T.: 17.874 min
Delta R.T.: -0.017 min
Response: 7006249
Conc: 53.08 ug/ml



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

R.T.: 18.090 min
Delta R.T.: -0.020 min
Response: 7217520
Conc: 54.12 ug/ml