

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112423AR\
 Data File : FD046968.D
 Signal(s) : FID2B.ch
 Acq On : 24 Nov 2023 12:13
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 13:00:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:00:43 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...	7.476	1827311	10.574 ug/ml
Spiked Amount 50.000		Recovery =	21.15%
6) S 2-Fluorobiphenyl (SURR)	8.329	1127858	10.252 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.50%
11) S ortho-Terphenyl (SURR)	11.365	2115753	10.666 ug/ml
Spiked Amount 50.000		Recovery =	21.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.291	1975619	10.718 ug/ml
2) T Naphthalene (C11.7)	5.816	2004461	10.572 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	2030238	10.636 ug/ml
5) T Acenaphthylene (C15.06)	8.132	1830625	10.558 ug/ml
7) T Acenaphthene (C15.5)	8.427	1966847	10.635 ug/ml
8) T Fluorene (C16.55)	9.205	1803294	10.353 ug/ml
9) T Phenanthrene (C19.36)	10.593	1717172	10.365 ug/ml
10) T Anthracene (C19.43)	10.667	1611527	10.352 ug/ml
12) T Fluoranthene (C21.85)	12.395	1663245	10.406 ug/ml
13) T Pyrene (C20.8)	12.688	1592819	10.313 ug/ml
14) T Benzo[a]anthracene (C...	14.552	1341705	10.242 ug/ml
15) T Chrysene (C27.41)	14.593	1508645	10.627 ug/ml
16) T benzo[b]fluoranthene ...	16.093	1398835	10.428 ug/ml
17) T Bnezo[k]fluoranthene ...	16.124	1456704	10.806 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.468	1378864	10.517 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.824	1214514	9.961 ug/ml
20) T Dibenz[a,h]anthracene...	17.866	1421461	11.181 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	1375579	10.531 ug/ml

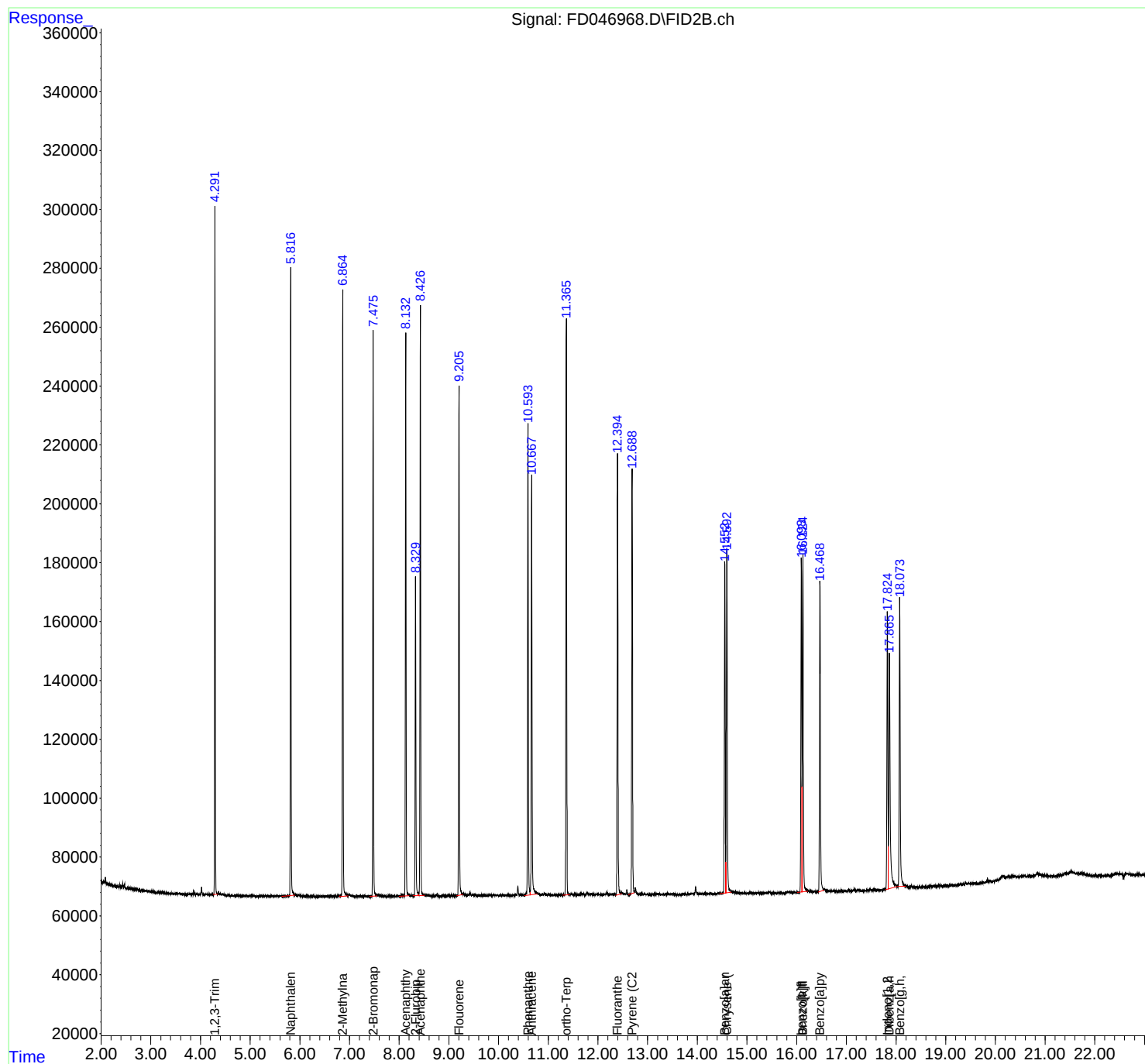
(f)=RT Delta > 1/2 Window

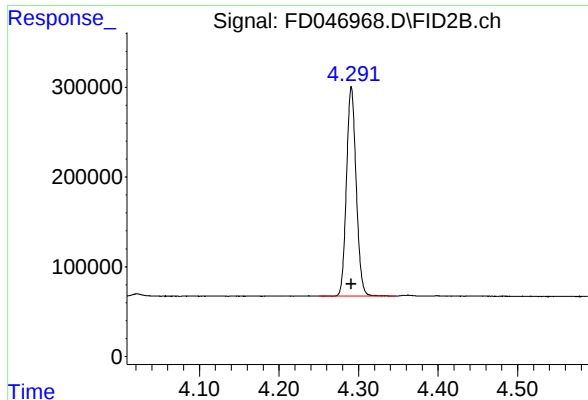
(m)=manual int.

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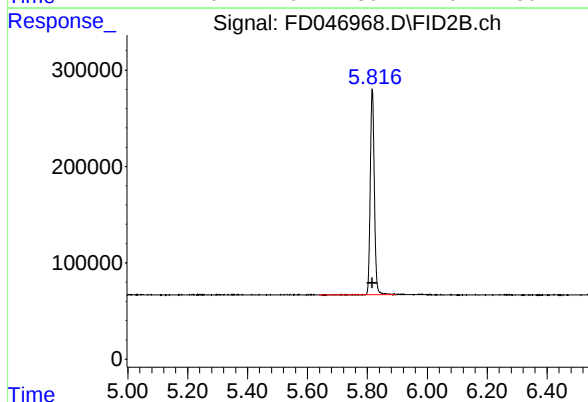
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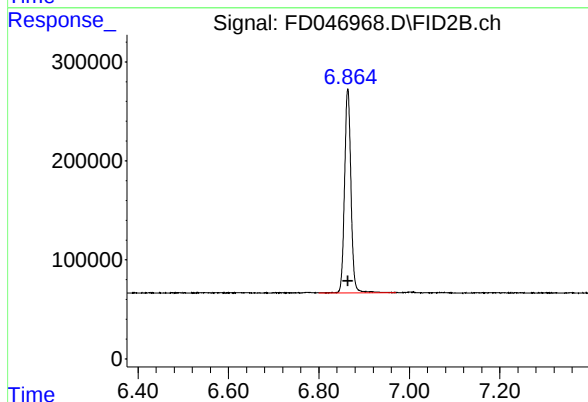
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 1975619
Conc: 10.72 ug/ml



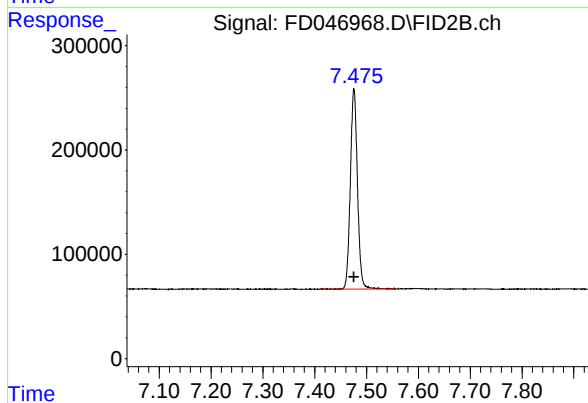
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 2004461
Conc: 10.57 ug/ml



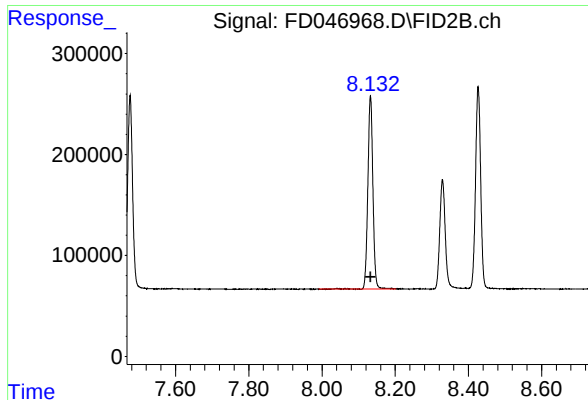
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 2030238
Conc: 10.64 ug/ml



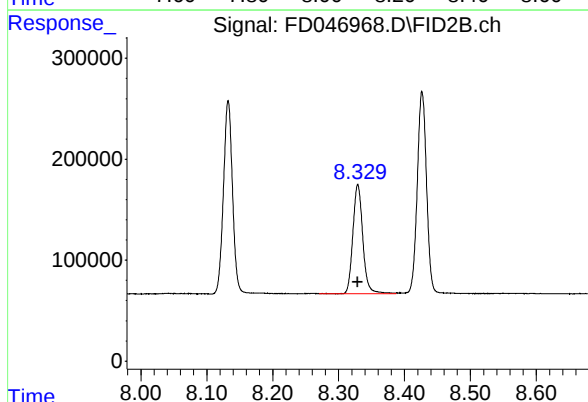
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 1827311
Conc: 10.57 ug/ml



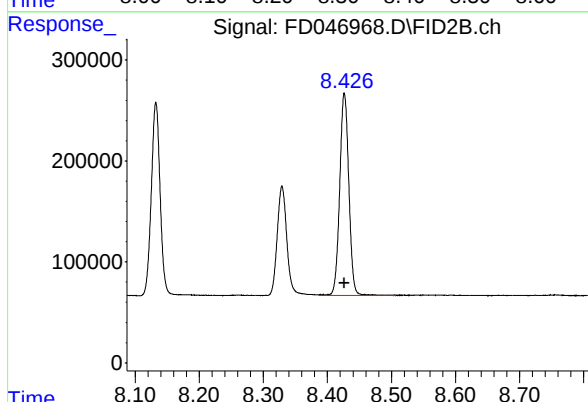
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: 0.000 min
Response: 1830625
Conc: 10.56 ug/ml



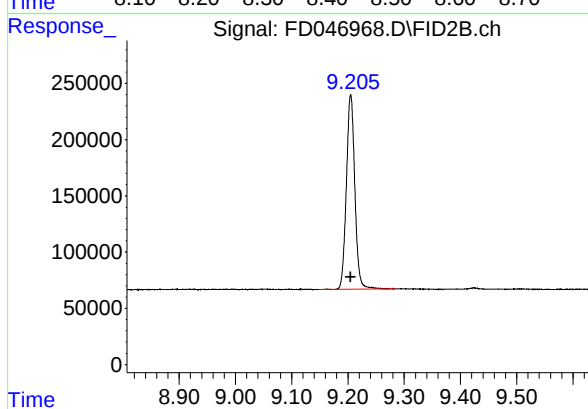
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 1127858
Conc: 10.25 ug/ml



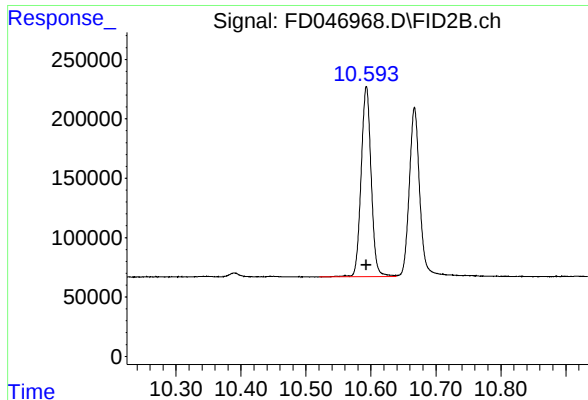
#7 Acenaphthene (C15.5)

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 1966847
Conc: 10.64 ug/ml



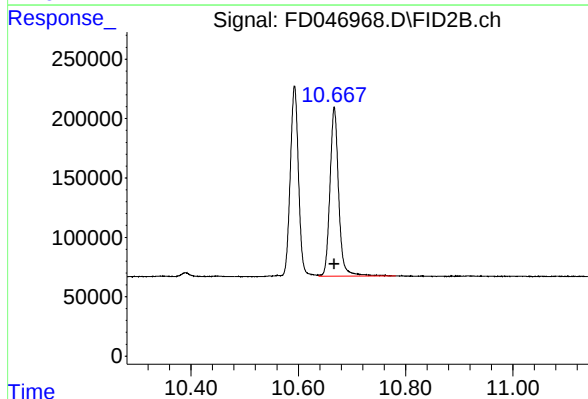
#8 Fluorene (C16.55)

R.T.: 9.205 min
Delta R.T.: 0.000 min
Response: 1803294
Conc: 10.35 ug/ml



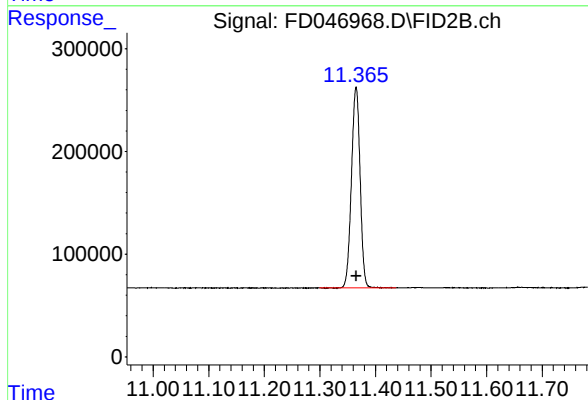
#9 Phenanthrene (C19.36)

R.T.: 10.593 min
Delta R.T.: 0.000 min
Response: 1717172
Conc: 10.37 ug/ml



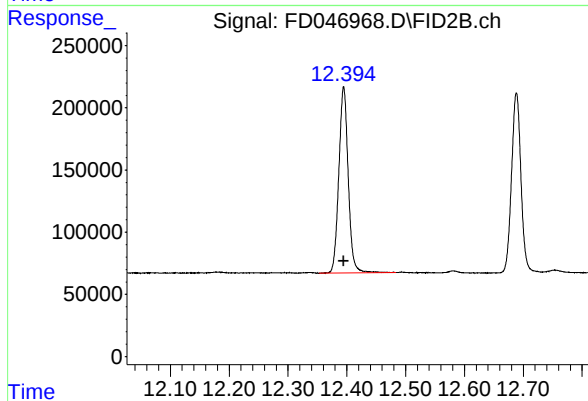
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.000 min
Response: 1611527
Conc: 10.35 ug/ml



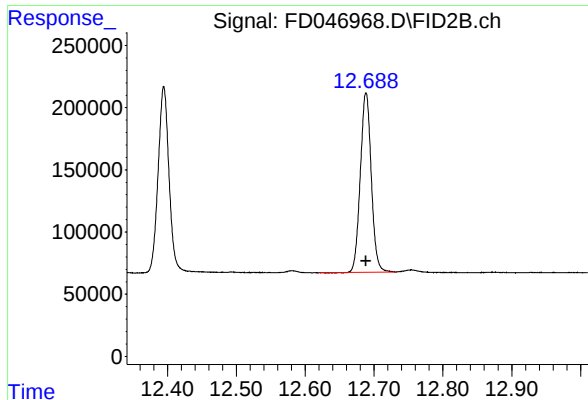
#11 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: 0.000 min
Response: 2115753
Conc: 10.67 ug/ml



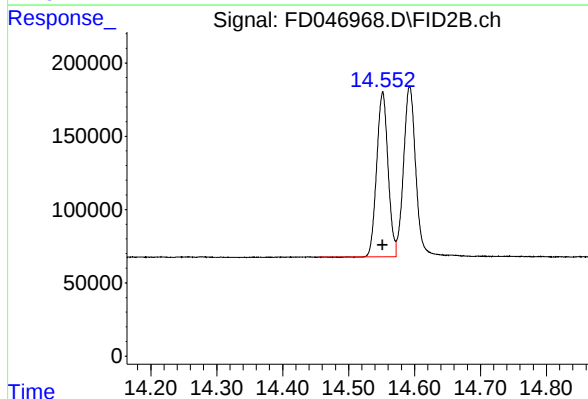
#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.000 min
Response: 1663245
Conc: 10.41 ug/ml



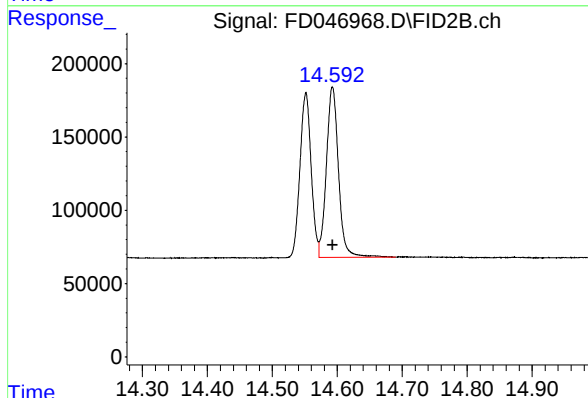
#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: 0.000 min
Response: 1592819
Conc: 10.31 ug/ml



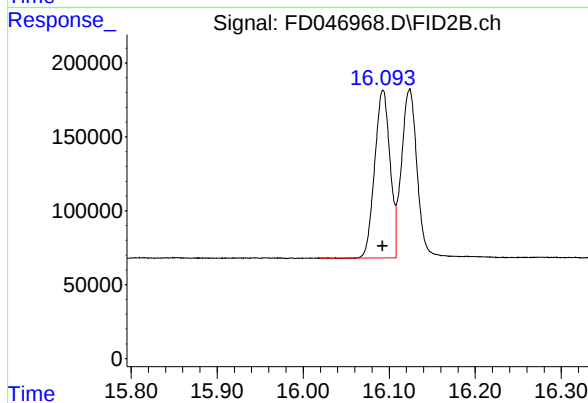
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.000 min
Response: 1341705
Conc: 10.24 ug/ml



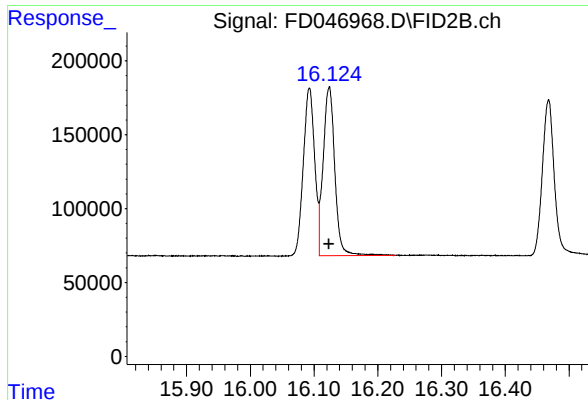
#15 Chrysene (C27.41)

R.T.: 14.593 min
Delta R.T.: 0.000 min
Response: 1508645
Conc: 10.63 ug/ml



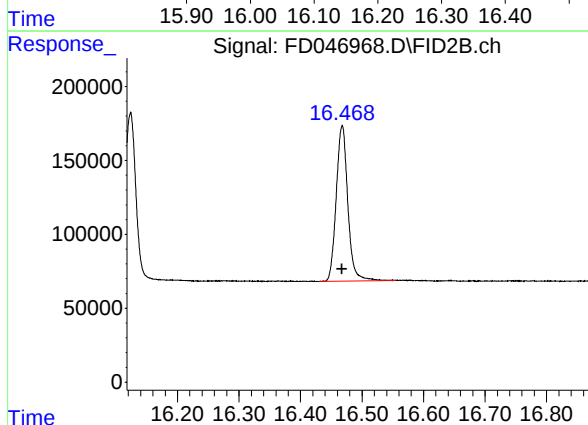
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.093 min
Delta R.T.: 0.000 min
Response: 1398835
Conc: 10.43 ug/ml



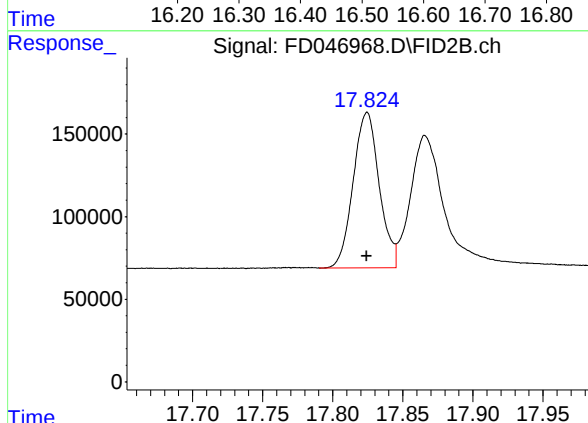
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.124 min
Delta R.T.: 0.000 min
Response: 1456704
Conc: 10.81 ug/ml



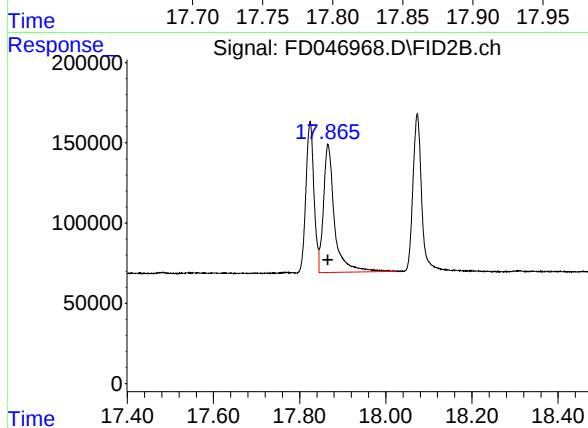
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.468 min
Delta R.T.: 0.000 min
Response: 1378864
Conc: 10.52 ug/ml



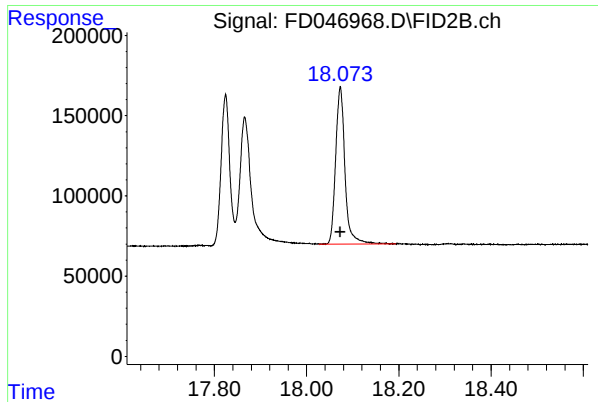
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.824 min
Delta R.T.: 0.000 min
Response: 1214514
Conc: 9.96 ug/ml



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

R.T.: 17.866 min
Delta R.T.: 0.000 min
Response: 1421461
Conc: 11.18 ug/ml



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

R.T.: 18.073 min
Delta R.T.: 0.000 min
Response: 1375579
Conc: 10.53 ug/ml