

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030424AR\
 Data File : FD047382.D
 Signal(s) : FID2B.ch
 Acq On : 04 Mar 2024 14:19
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 15:06:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.461	3324535	20.129 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
6) S 2-Fluorobiphenyl (SURR)	8.314	2183834	20.524 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.05%
11) S ortho-Terphenyl (SURR)	11.349	3752282	20.106 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	3552357	19.988 ug/ml
2) T Naphthalene (C11.7)	5.801	3676843	20.162 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	3679436	20.175 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3341768	20.044 ug/ml
7) T Acenaphthene (C15.5)	8.411	3557952	20.195 ug/ml
8) T Flouorene (C16.55)	9.190	3405661	20.218 ug/ml
9) T Phenanthrene (C19.36)	10.577	3309494	20.435 ug/ml
10) T Anthracene (C19.43)	10.651	3011350	20.462 ug/ml
12) T Fluoranthene (C21.85)	12.380	3215559	20.170 ug/ml
13) T Pyrene (C20.8)	12.674	3119248	20.162 ug/ml
14) T Benzo[a]anthracene (C...	14.538	2745229	20.251 ug/ml
15) T Chrysene (C27.41)	14.579	2944531	19.836 ug/ml
16) T benzo[b]fluoranthene ...	16.079	2825595	20.128 ug/ml
17) T Bnezo[k]fluoranthene ...	16.110	2833982	20.012 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.453	2766084	20.024 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.811	2526809	20.217 ug/ml
20) T Dibenz[a,h]anthracene...	17.851	2710769	20.556 ug/ml
21) T Benzo[g,h,i]perylene ...	18.061	2725376	20.284 ug/ml

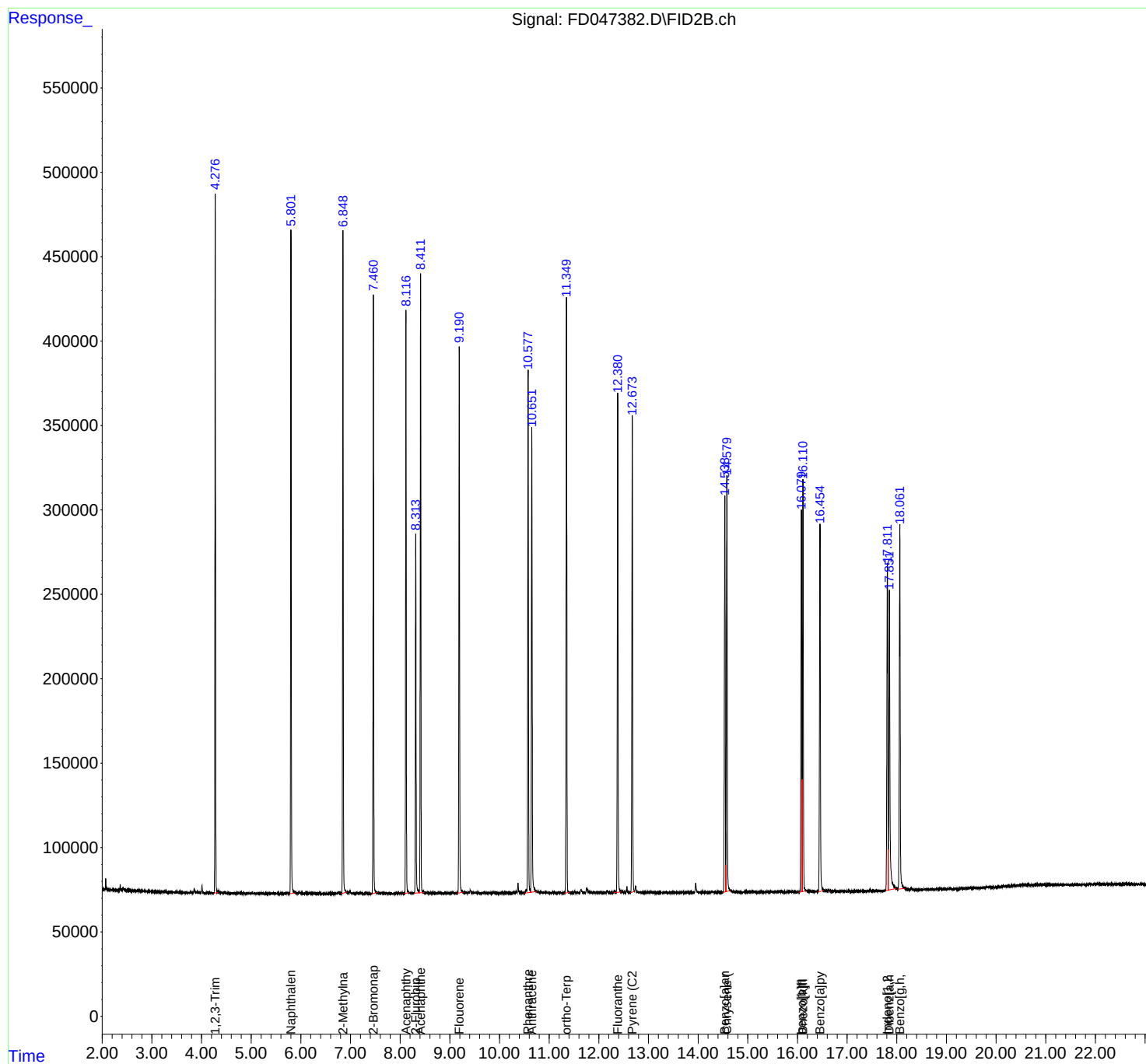
(f)=RT Delta > 1/2 Window

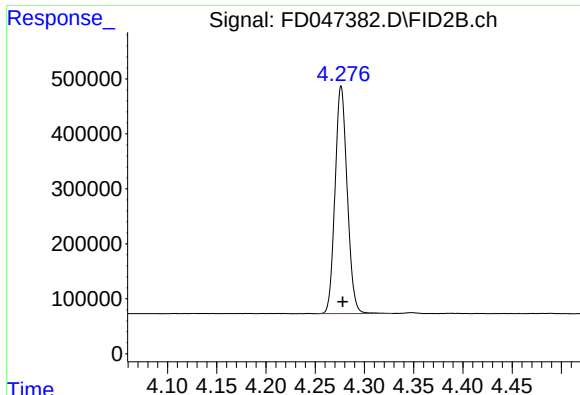
(m)=manual int.

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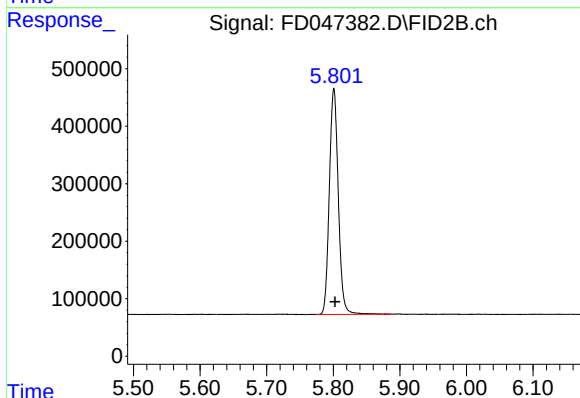
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





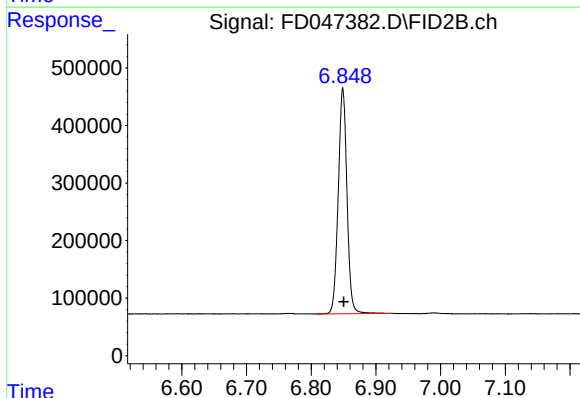
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.277 min
Delta R.T.: -0.001 min
Response: 3552357
Conc: 19.99 ug/ml



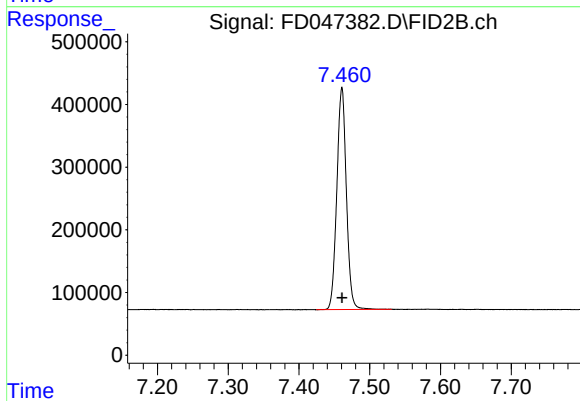
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 3676843
Conc: 20.16 ug/ml



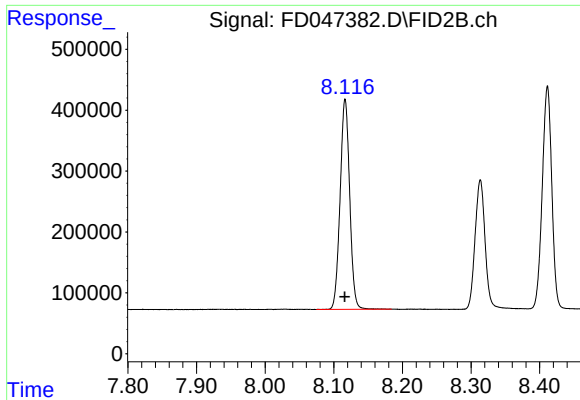
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: -0.001 min
Response: 3679436
Conc: 20.17 ug/ml



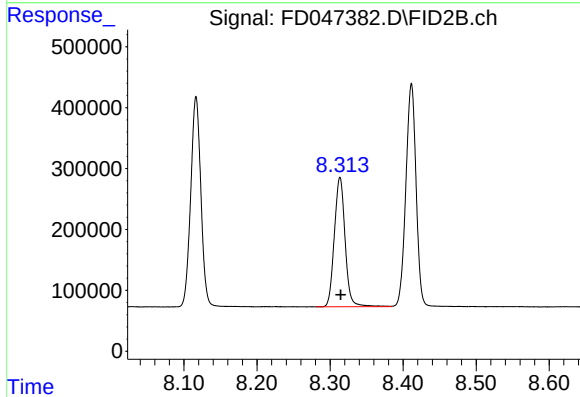
#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 3324535
Conc: 20.13 ug/ml



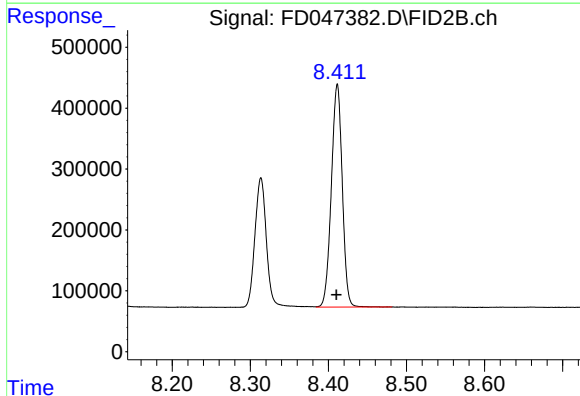
#5 Acenaphthylene (C15.06)

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 3341768
Conc: 20.04 ug/ml



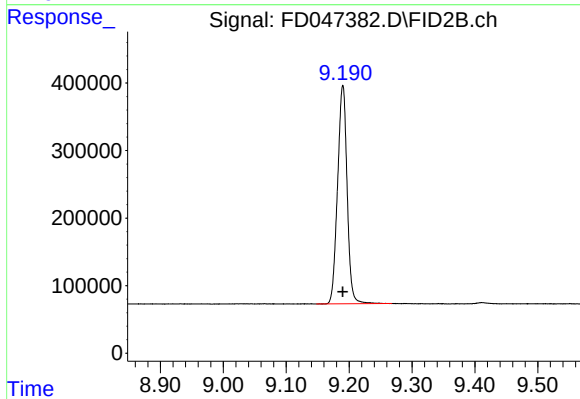
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: -0.001 min
Response: 2183834
Conc: 20.52 ug/ml



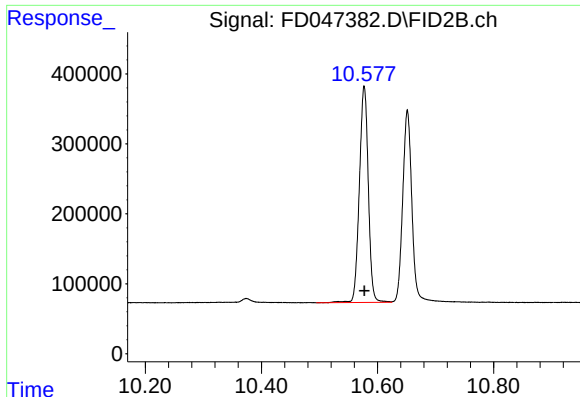
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.001 min
Response: 3557952
Conc: 20.19 ug/ml



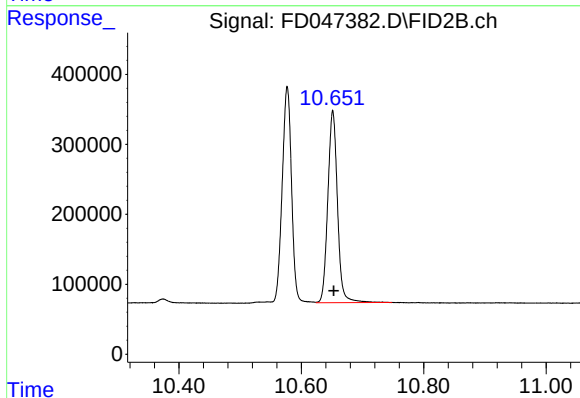
#8 Fluorene (C16.55)

R.T.: 9.190 min
Delta R.T.: 0.000 min
Response: 3405661
Conc: 20.22 ug/ml



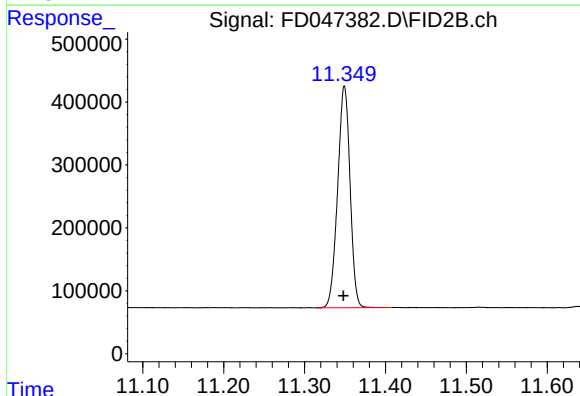
#9 Phenanthrene (C19.36)

R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 3309494
Conc: 20.43 ug/ml



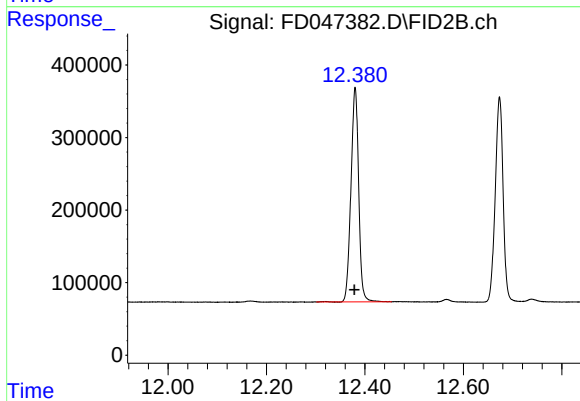
#10 Anthracene (C19.43)

R.T.: 10.651 min
Delta R.T.: -0.001 min
Response: 3011350
Conc: 20.46 ug/ml



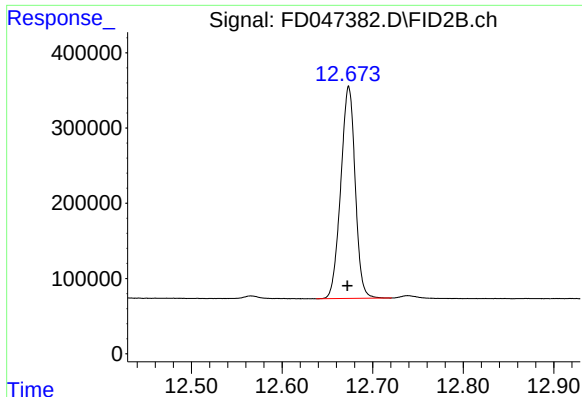
#11 ortho-Terphenyl (SURR)

R.T.: 11.349 min
Delta R.T.: 0.001 min
Response: 3752282
Conc: 20.11 ug/ml



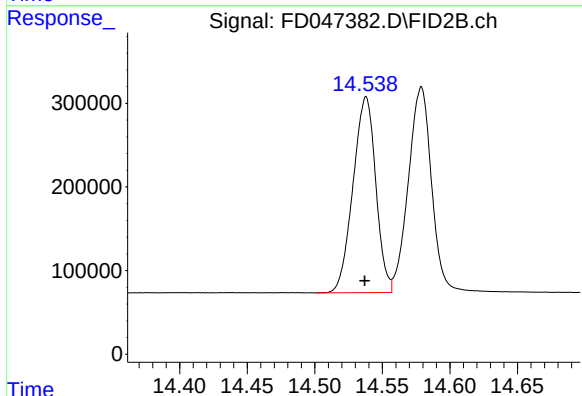
#12 Fluoranthene (C21.85)

R.T.: 12.380 min
Delta R.T.: 0.002 min
Response: 3215559
Conc: 20.17 ug/ml



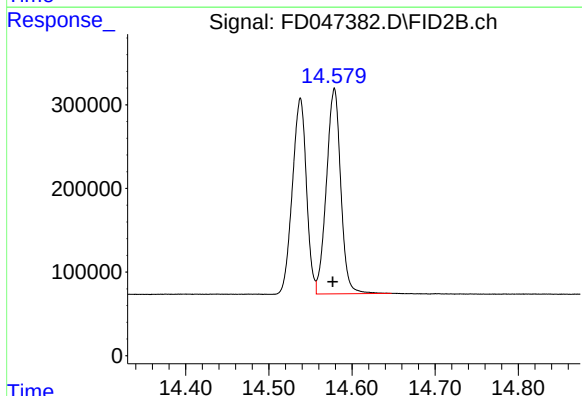
#13 Pyrene (C20.8)

R.T.: 12.674 min
Delta R.T.: 0.001 min
Response: 3119248
Conc: 20.16 ug/ml



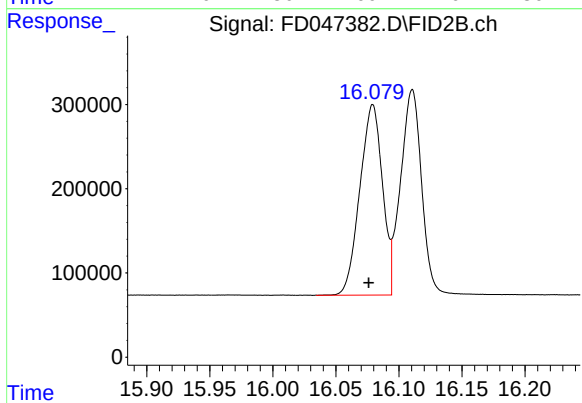
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
Delta R.T.: 0.000 min
Response: 2745229
Conc: 20.25 ug/ml



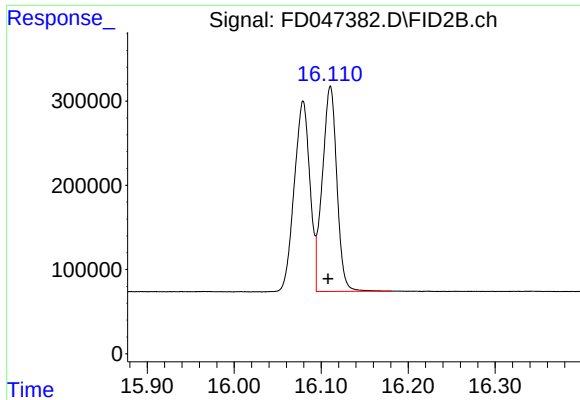
#15 Chrysene (C27.41)

R.T.: 14.579 min
Delta R.T.: 0.002 min
Response: 2944531
Conc: 19.84 ug/ml



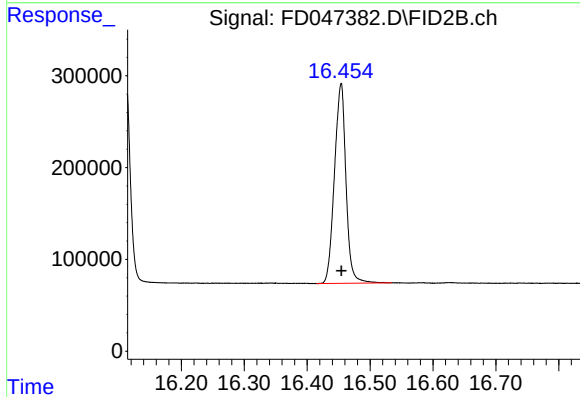
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.079 min
Delta R.T.: 0.003 min
Response: 2825595
Conc: 20.13 ug/ml



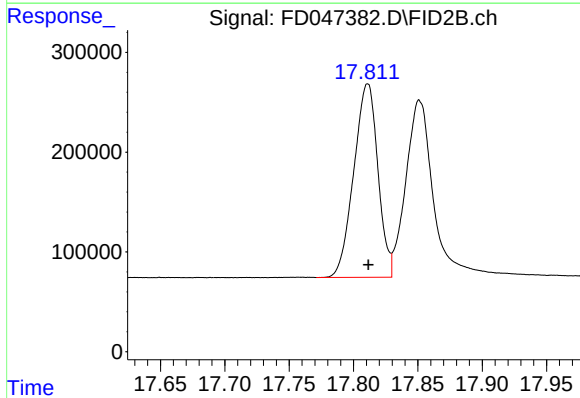
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.110 min
Delta R.T.: 0.003 min
Response: 2833982
Conc: 20.01 ug/ml



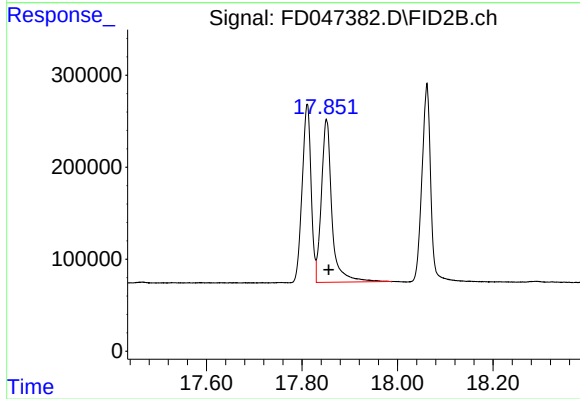
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.453 min
Delta R.T.: 0.000 min
Response: 2766084
Conc: 20.02 ug/ml



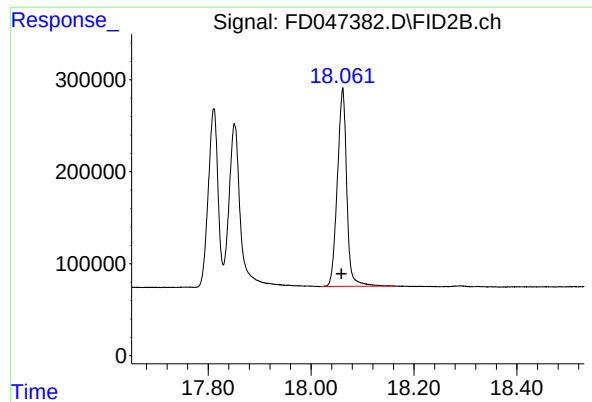
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.811 min
Delta R.T.: 0.000 min
Response: 2526809
Conc: 20.22 ug/ml



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

R.T.: 17.851 min
Delta R.T.: -0.005 min
Response: 2710769
Conc: 20.56 ug/ml



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

R.T.: 18.061 min
Delta R.T.: 0.002 min
Response: 2725376
Conc: 20.28 ug/ml