

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122223AR\
 Data File : FD047083.D
 Signal(s) : FID2B.ch
 Acq On : 22 Dec 2023 17:38
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 18:09:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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...	7.470	3427423	20.674 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
6) S 2-Fluorobiphenyl (SURR)	8.322	2137804	20.515 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.03%
11) S ortho-Terphenyl (SURR)	11.359	3972000	20.568 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	3682338	20.409 ug/ml
2) T Naphthalene (C11.7)	5.811	3772635	20.496 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	3778462	20.586 ug/ml
5) T Acenaphthylene (C15.06)	8.126	3437143	20.491 ug/ml
7) T Acenaphthene (C15.5)	8.421	3690369	20.518 ug/ml
8) T Flouorene (C16.55)	9.198	3410754	20.578 ug/ml
9) T Phenanthrene (C19.36)	10.587	3198936	20.508 ug/ml
10) T Anthracene (C19.43)	10.661	2937223	20.278 ug/ml
12) T Fluoranthene (C21.85)	12.389	3094844	20.445 ug/ml
13) T Pyrene (C20.8)	12.682	3005574	20.494 ug/ml
14) T Benzo[a]anthracene (C...	14.546	2462940	20.014 ug/ml
15) T Chrysene (C27.41)	14.588	2750713	19.596 ug/ml
16) T benzo[b]fluoranthene ...	16.088	2590173	20.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	2614812	19.659 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	2521305	19.841 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2138764	19.292 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	2359329	18.465 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	2522742	19.691 ug/ml

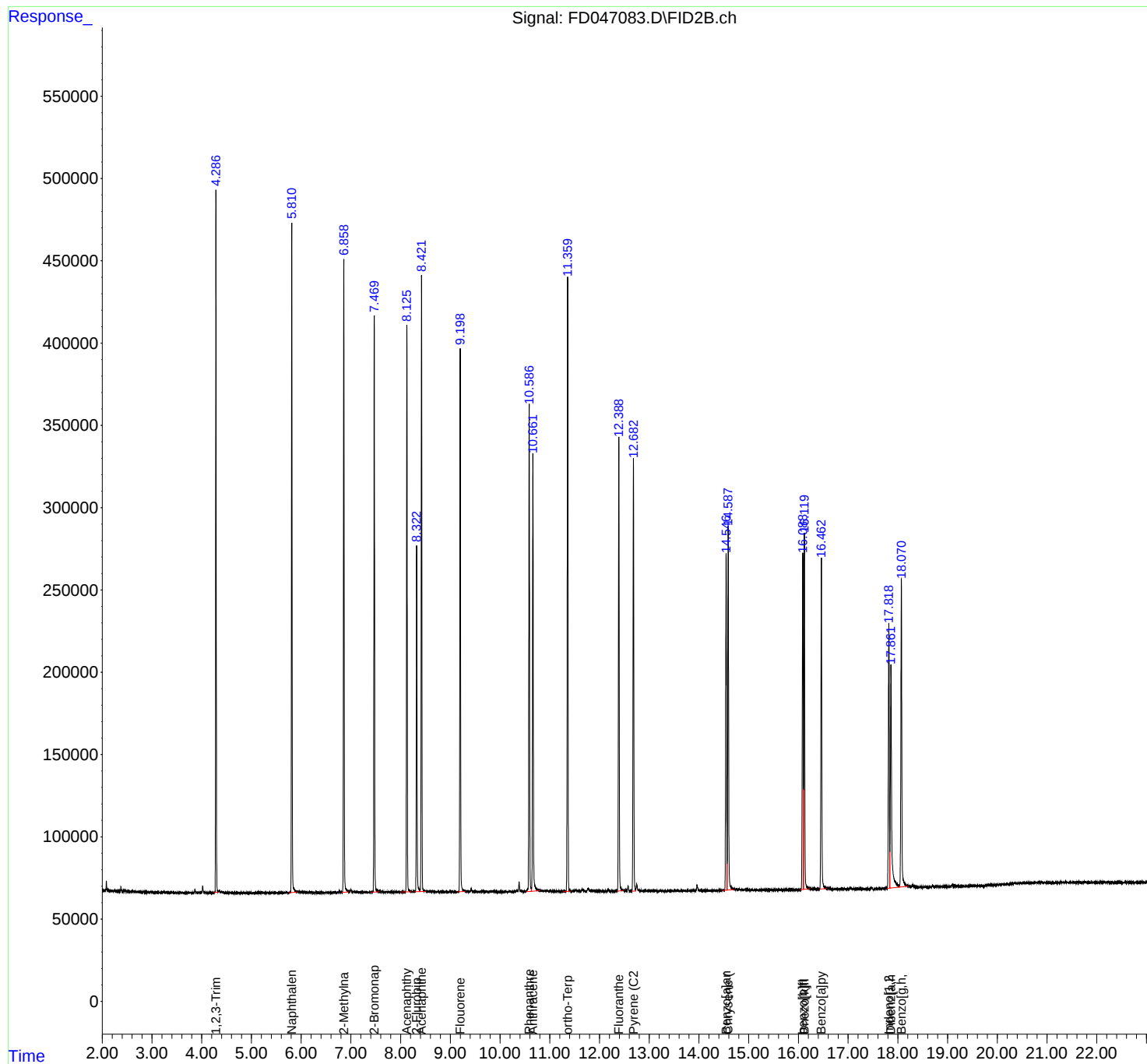
(f)=RT Delta > 1/2 Window

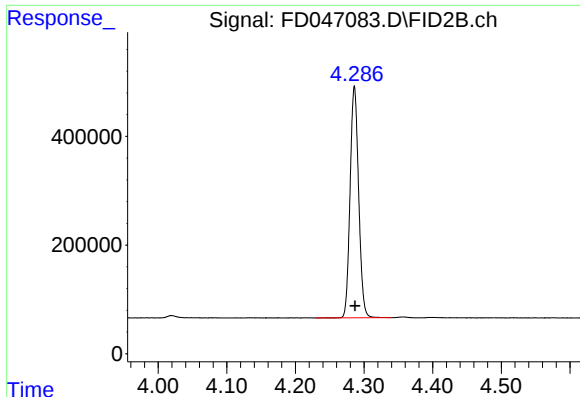
(m)=manual int.

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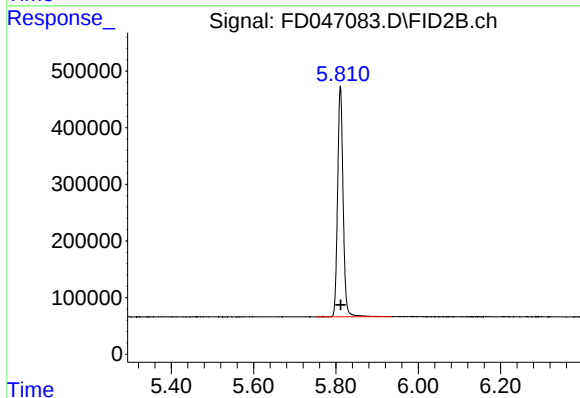
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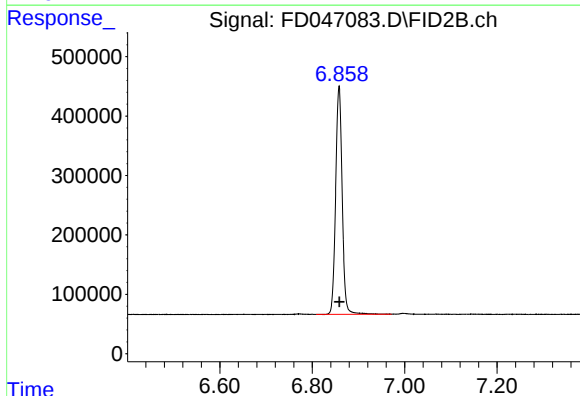
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 3682338
Conc: 20.41 ug/ml



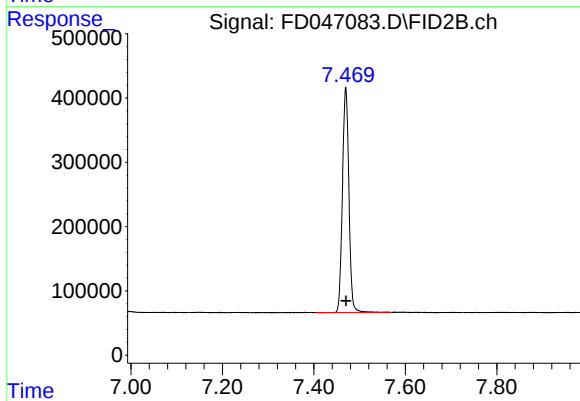
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 3772635
Conc: 20.50 ug/ml



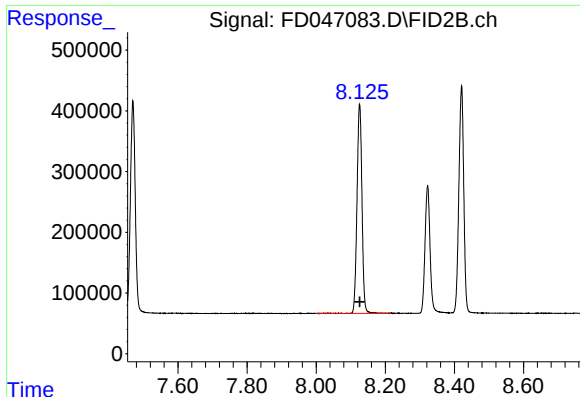
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 3778462
Conc: 20.59 ug/ml



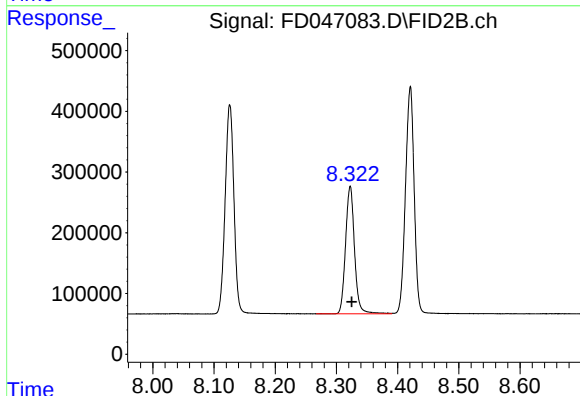
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3427423
Conc: 20.67 ug/ml



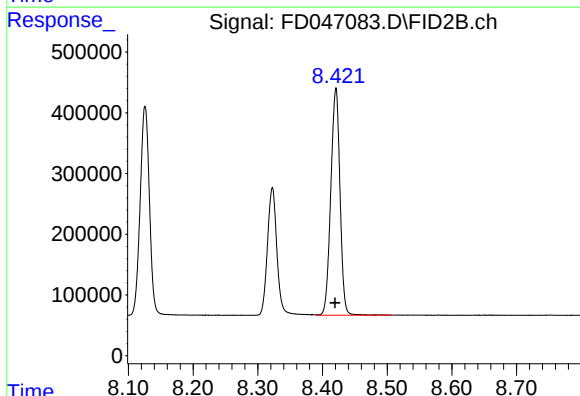
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 3437143
Conc: 20.49 ug/ml



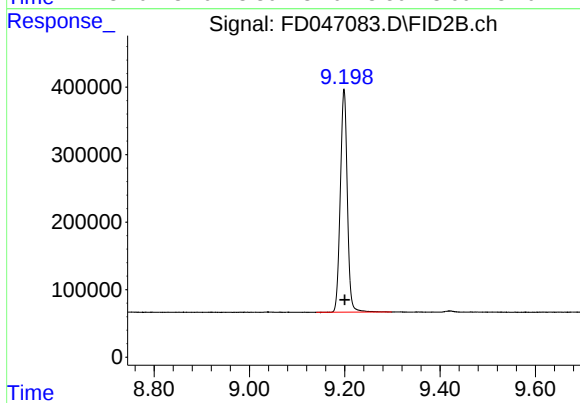
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.322 min
Delta R.T.: -0.003 min
Response: 2137804
Conc: 20.51 ug/ml



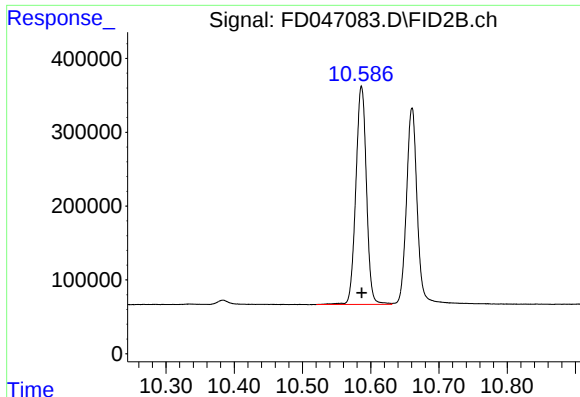
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: 0.000 min
Response: 3690369
Conc: 20.52 ug/ml



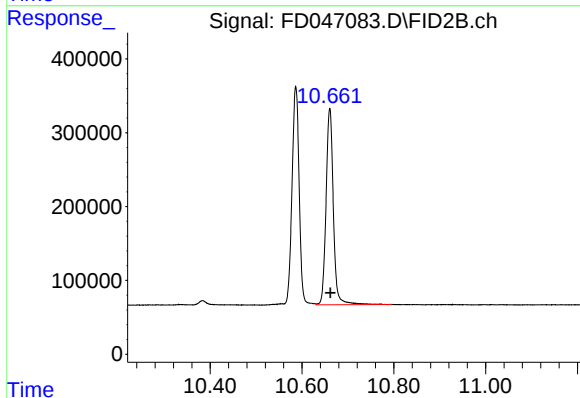
#8 Fluorene (C16.55)

R.T.: 9.198 min
Delta R.T.: -0.001 min
Response: 3410754
Conc: 20.58 ug/ml



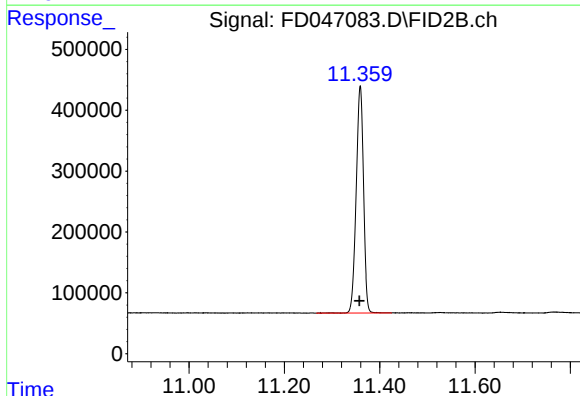
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.000 min
Response: 3198936
Conc: 20.51 ug/ml



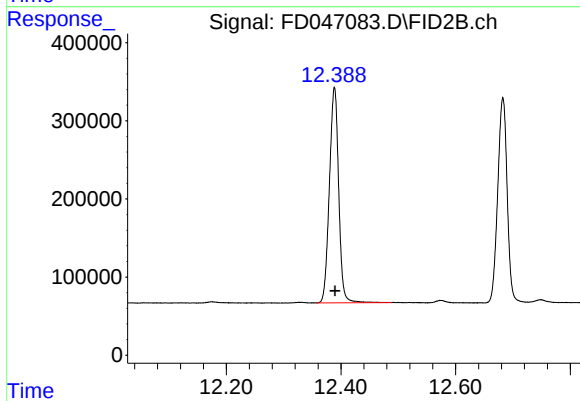
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: -0.002 min
Response: 2937223
Conc: 20.28 ug/ml



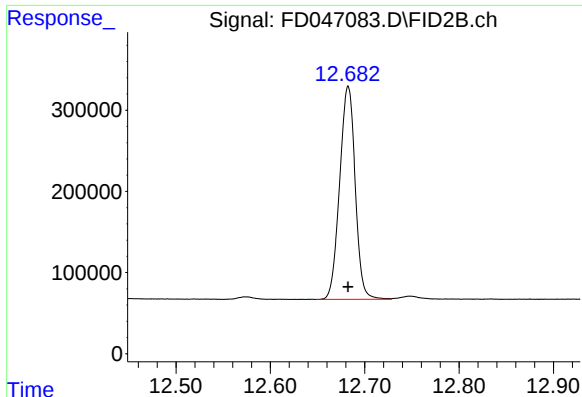
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.002 min
Response: 3972000
Conc: 20.57 ug/ml



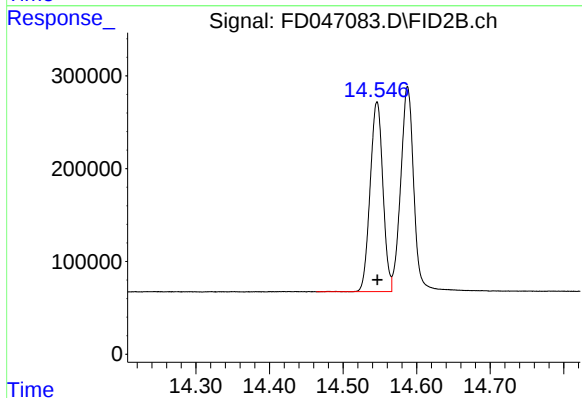
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: -0.001 min
Response: 3094844
Conc: 20.44 ug/ml



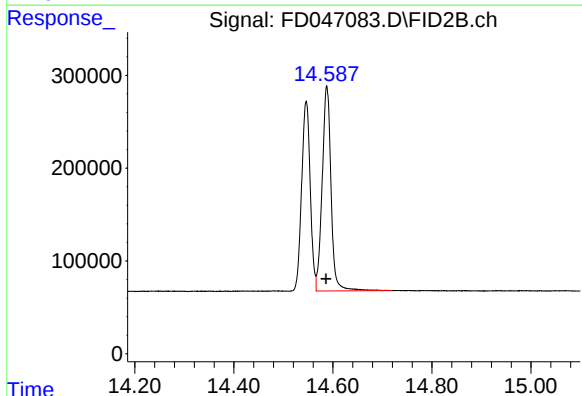
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.000 min
Response: 3005574
Conc: 20.49 ug/ml



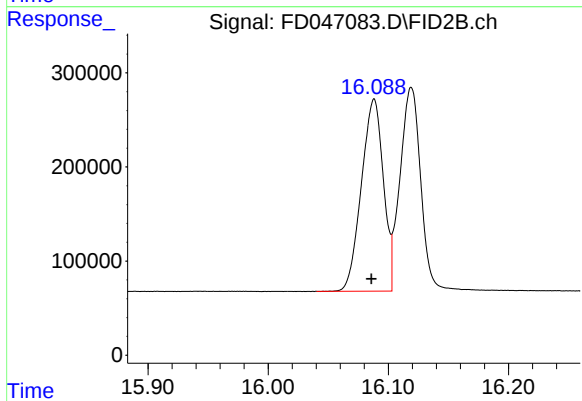
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.000 min
Response: 2462940
Conc: 20.01 ug/ml



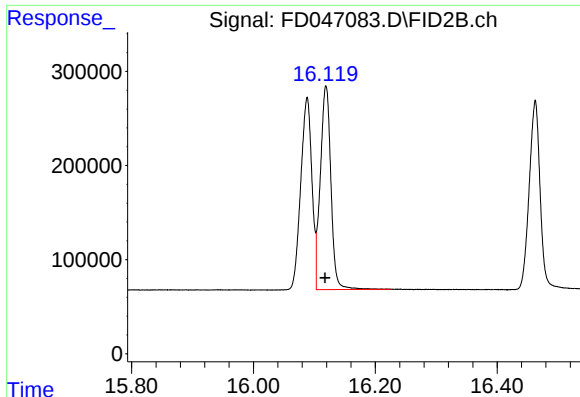
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.001 min
Response: 2750713
Conc: 19.60 ug/ml



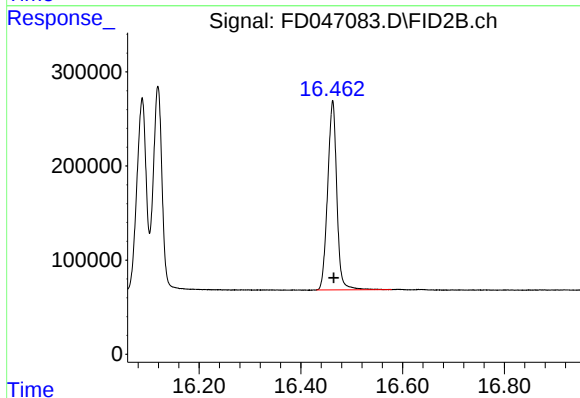
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.088 min
Delta R.T.: 0.002 min
Response: 2590173
Conc: 20.11 ug/ml



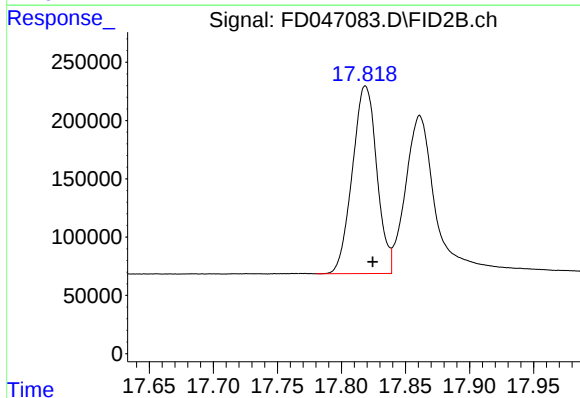
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.001 min
Response: 2614812
Conc: 19.66 ug/ml



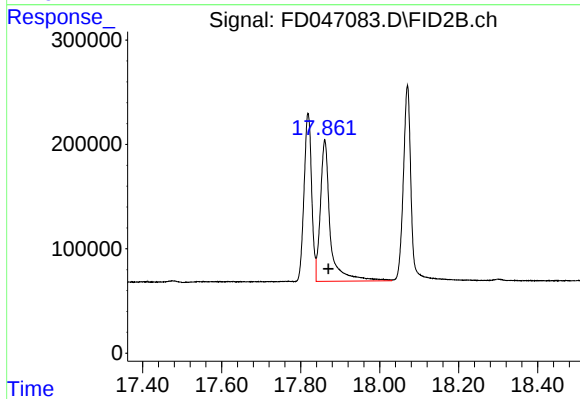
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: -0.003 min
Response: 2521305
Conc: 19.84 ug/ml



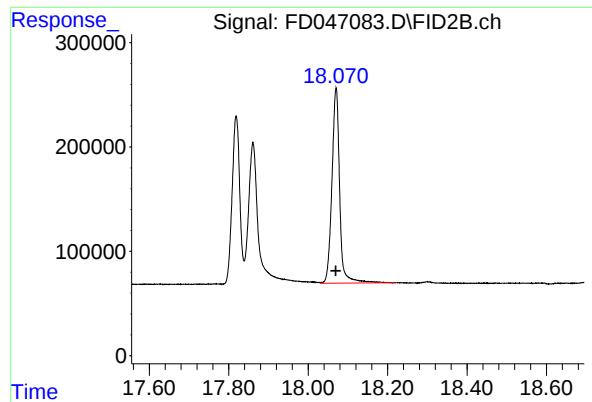
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: -0.006 min
Response: 2138764
Conc: 19.29 ug/ml



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

R.T.: 17.861 min
Delta R.T.: -0.009 min
Response: 2359329
Conc: 18.46 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.000 min
Response: 2522742
Conc: 19.69 ug/ml