

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020124AR\
 Data File : FD047145.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2024 14:06
 Operator : YP/AJ
 Sample : P1187-02
 Misc : LOQ 5 PPM
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 08:21:51 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	8052849	52.354 ug/ml
Spiked Amount 50.000		Recovery =	104.71%
6) S 2-Fluorobiphenyl (SURR)	8.324	5301376	51.892 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.78%
11) S ortho-Terphenyl (SURR)	11.362	8524112	47.842 ug/ml
Spiked Amount 50.000		Recovery =	95.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	763245	4.899 ug/ml
2) T Naphthalene (C11.7)	5.809	879546	5.250 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	894561	5.277 ug/ml
5) T Acenaphthylene (C15.06)	8.125	924245	5.962 ug/ml
7) T Acenaphthene (C15.5)	8.419	913781	5.533 ug/ml
8) T Flouorene (C16.55)	9.197	929512	5.824 ug/ml
9) T Phenanthrene (C19.36)	10.585	921039	5.818 ug/ml
10) T Anthracene (C19.43)	10.660	910674	5.941 ug/ml
12) T Fluoranthene (C21.85)	12.387	973621	6.103 ug/ml
13) T Pyrene (C20.8)	12.681	981296	6.348 ug/ml
14) T Benzo[a]anthracene (C...	14.544	894046	6.368 ug/ml
15) T Chrysene (C27.41)	14.584	933279	6.026 ug/ml
16) T benzo[b]fluoranthene ...	16.084	885566	6.105 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	916961	6.220 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	856005	5.988 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.818	769717	5.972 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	884932	6.242 ug/ml
21) T Benzo[g,h,i]perylene ...	18.066	815088	5.940 ug/ml

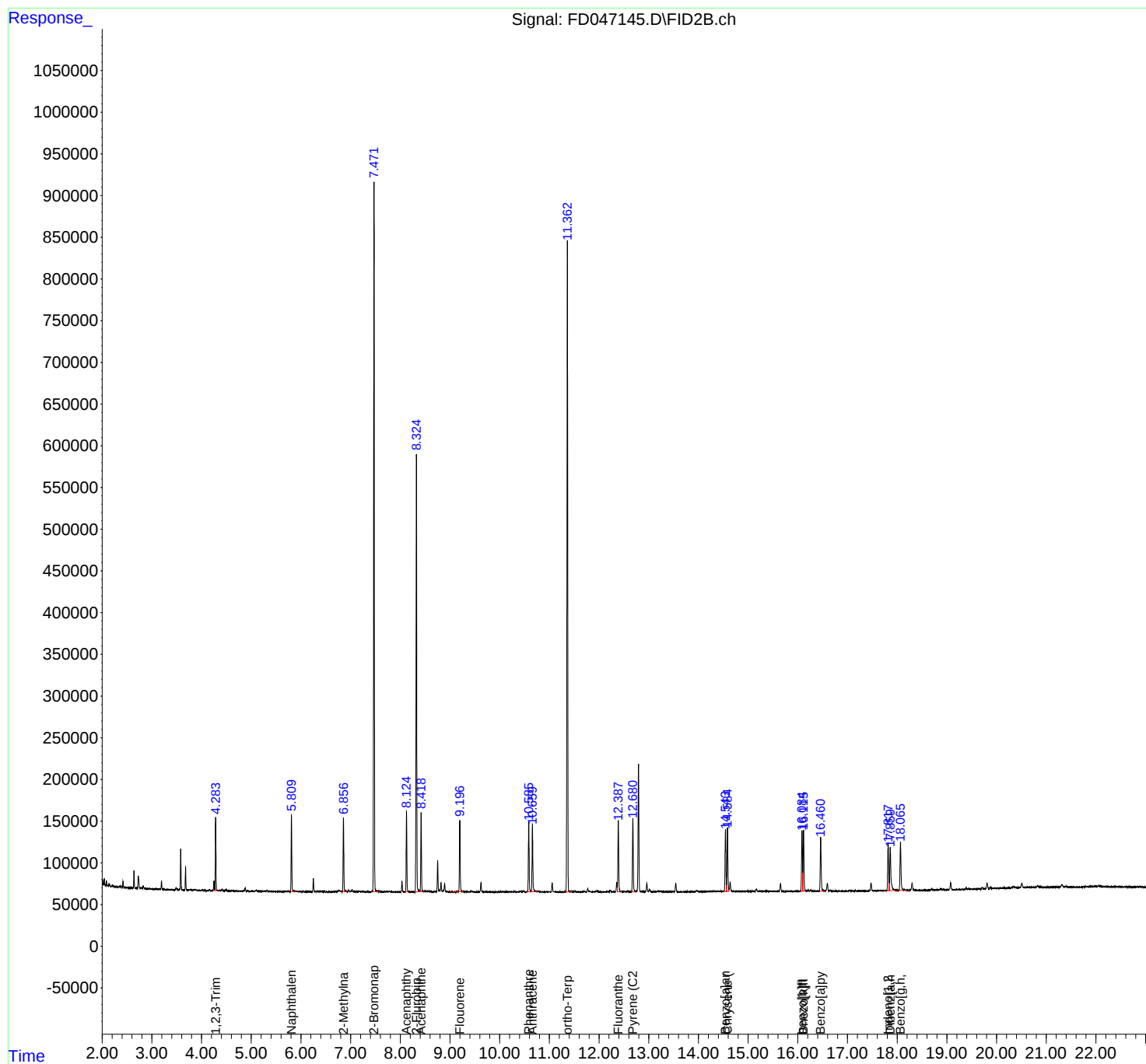
(f)=RT Delta > 1/2 Window

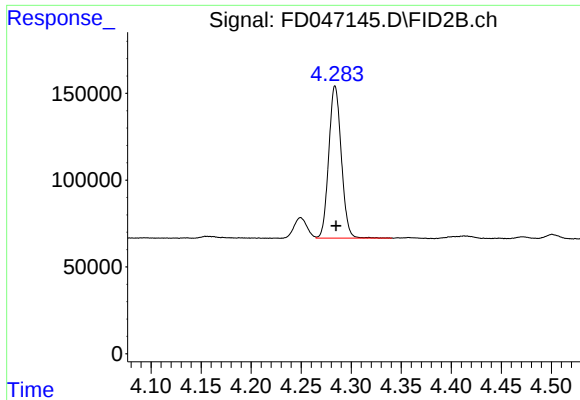
(m)=manual int.

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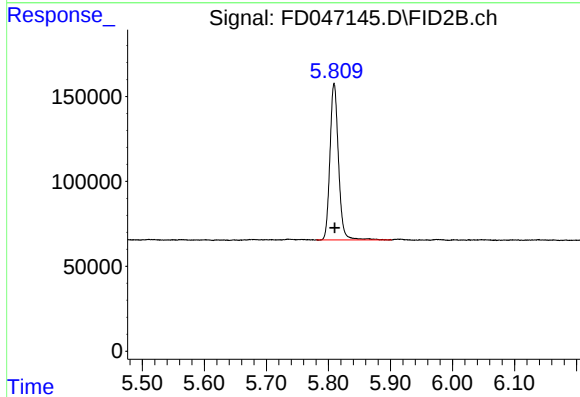
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Signal Info : 20M x 0.18mm x 0.18µm





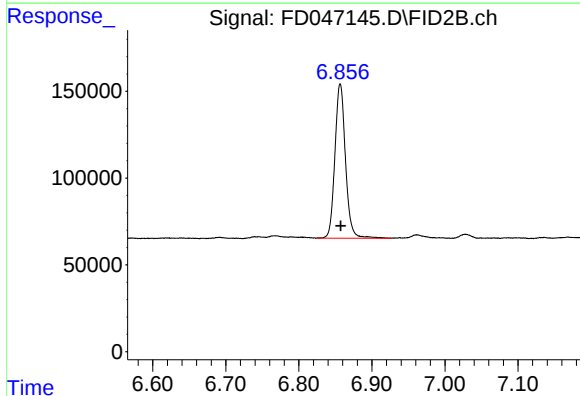
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 763245
Conc: 4.90 ug/ml



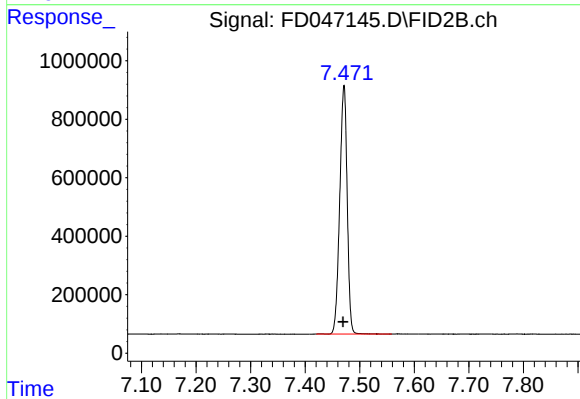
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 879546
Conc: 5.25 ug/ml



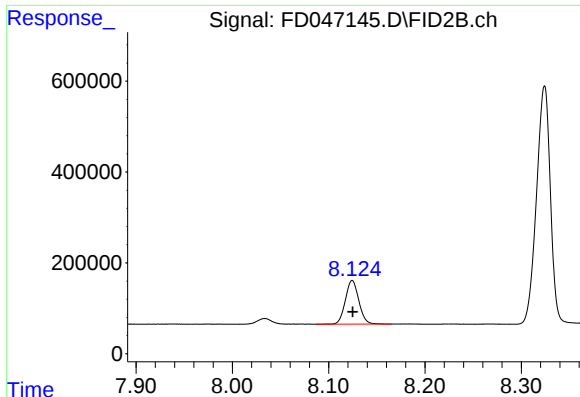
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 894561
Conc: 5.28 ug/ml



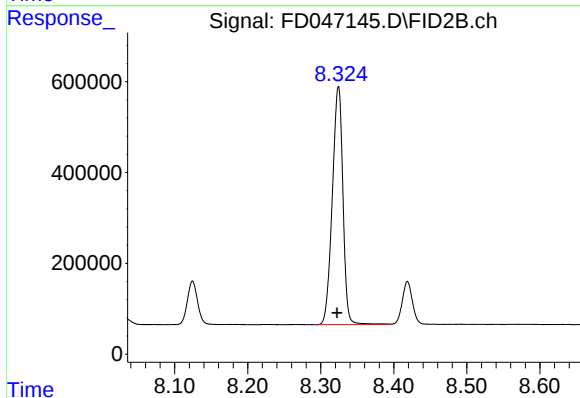
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 8052849
Conc: 52.35 ug/ml



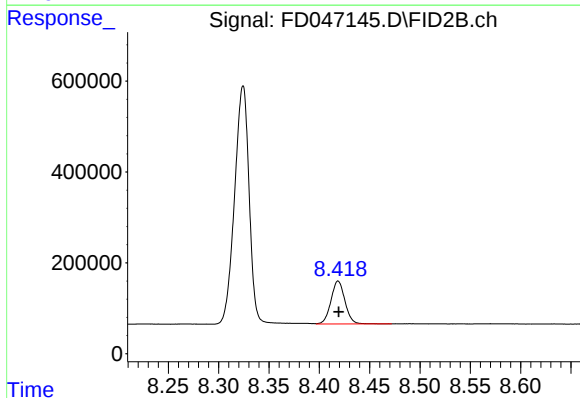
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 924245
Conc: 5.96 ug/ml



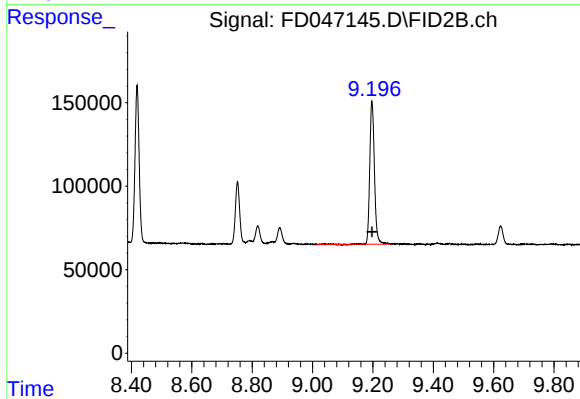
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 5301376
Conc: 51.89 ug/ml



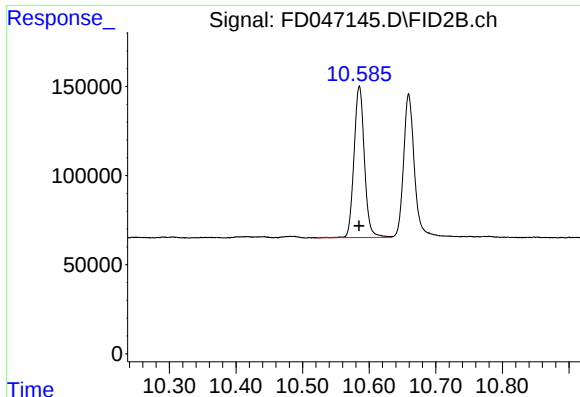
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 913781
Conc: 5.53 ug/ml



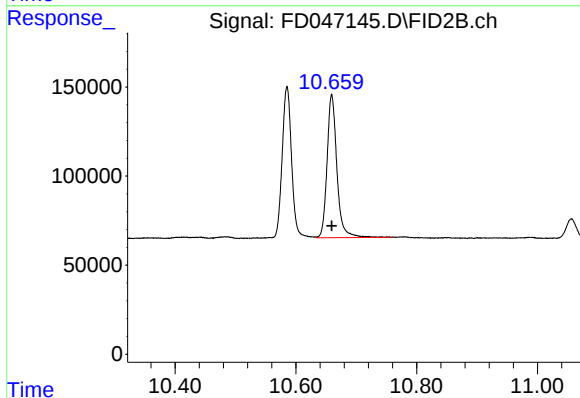
#8 Flouorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.000 min
Response: 929512
Conc: 5.82 ug/ml



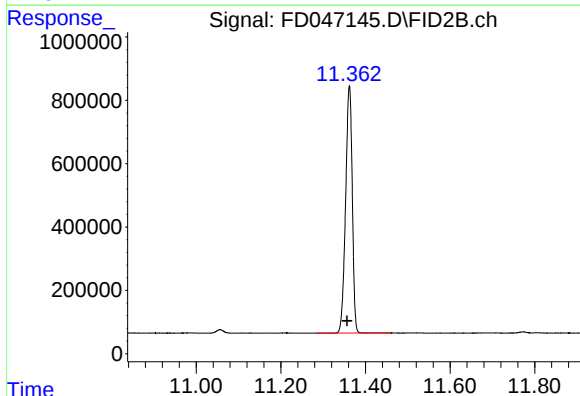
#9 Phenanthrene (C19.36)

R.T.: 10.585 min
Delta R.T.: 0.000 min
Response: 921039
Conc: 5.82 ug/ml



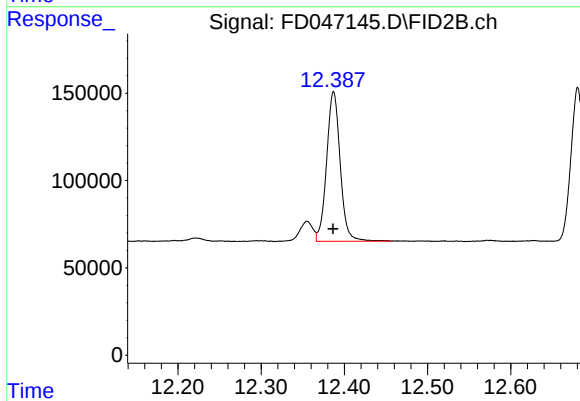
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.000 min
Response: 910674
Conc: 5.94 ug/ml



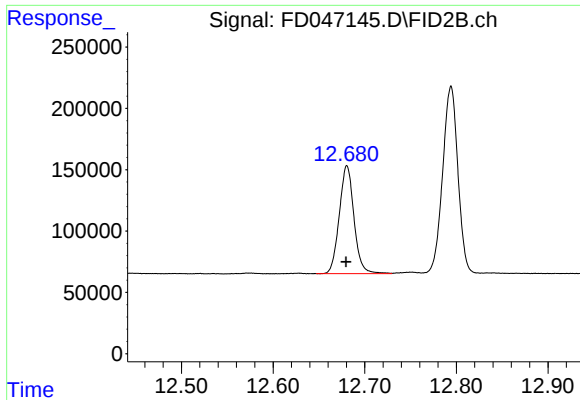
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.005 min
Response: 8524112
Conc: 47.84 ug/ml



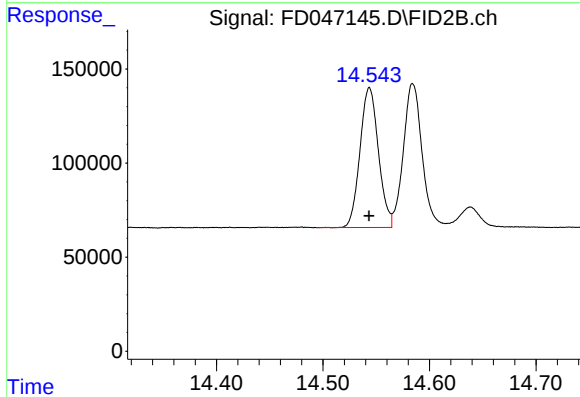
#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 973621
Conc: 6.10 ug/ml



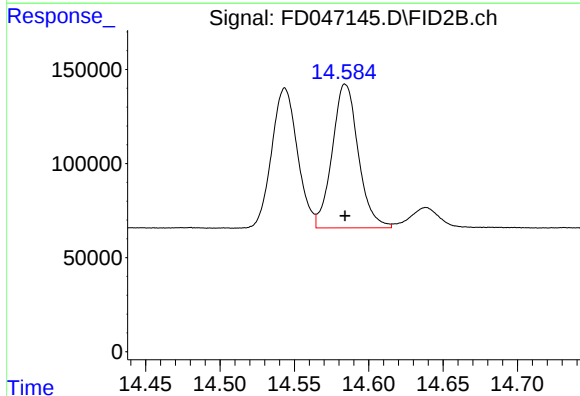
#13 Pyrene (C20.8)

R.T.: 12.681 min
Delta R.T.: 0.000 min
Response: 981296
Conc: 6.35 ug/ml



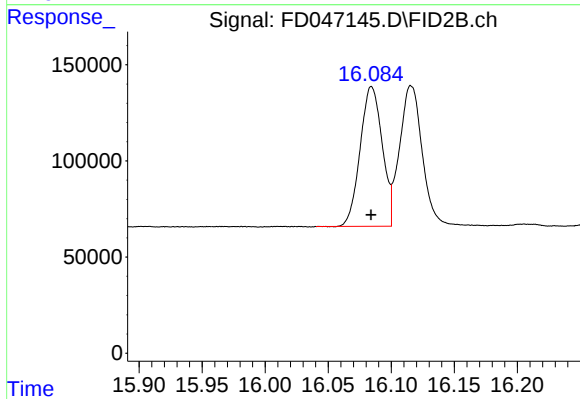
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 894046
Conc: 6.37 ug/ml



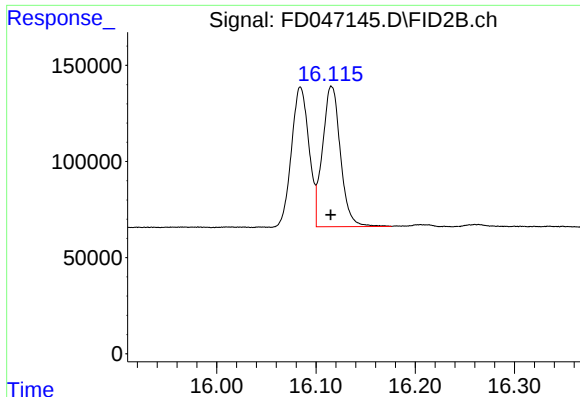
#15 Chrysene (C27.41)

R.T.: 14.584 min
Delta R.T.: 0.000 min
Response: 933279
Conc: 6.03 ug/ml



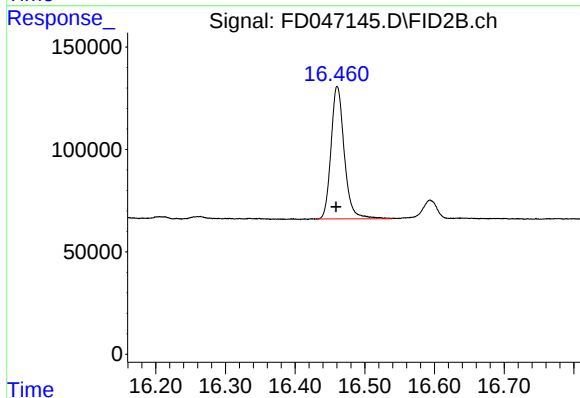
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.084 min
Delta R.T.: 0.000 min
Response: 885566
Conc: 6.10 ug/ml



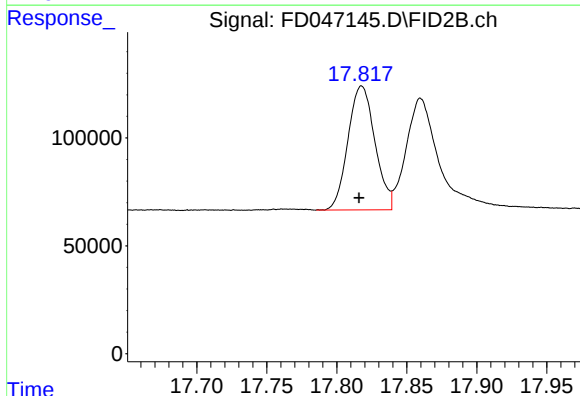
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.116 min
Delta R.T.: 0.001 min
Response: 916961
Conc: 6.22 ug/ml



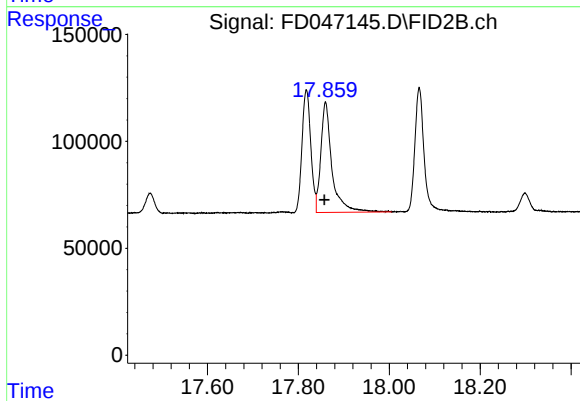
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.002 min
Response: 856005
Conc: 5.99 ug/ml



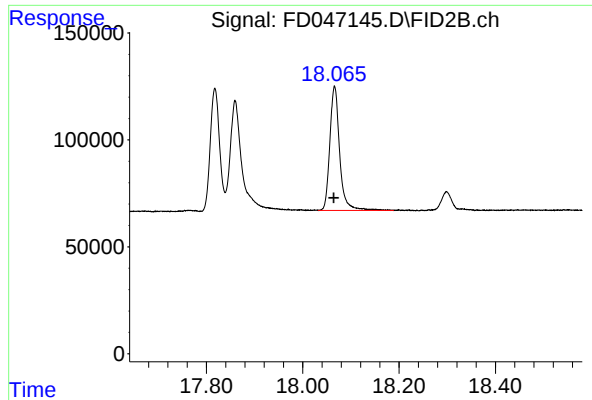
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.818 min
Delta R.T.: 0.002 min
Response: 769717
Conc: 5.97 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.003 min
Response: 884932
Conc: 6.24 ug/ml



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

R.T.: 18.066 min
Delta R.T.: 0.002 min
Response: 815088
Conc: 5.94 ug/ml