

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121823AR\
 Data File : FD047059.D
 Signal(s) : FID2B.ch
 Acq On : 18 Dec 2023 13:27
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 14:04:34 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...	7.473	3638159	20.718 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
6) S 2-Fluorobiphenyl (SURR)	8.326	2266335	20.952 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.90%
11) S ortho-Terphenyl (SURR)	11.364	4213118	20.579 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	3963422	20.570 ug/ml
2) T Naphthalene (C11.7)	5.812	4026535	20.675 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	4018149	20.654 ug/ml
5) T Acenaphthylene (C15.06)	8.129	3620678	20.674 ug/ml
7) T Acenaphthene (C15.5)	8.425	3907508	20.699 ug/ml
8) T Flouorene (C16.55)	9.203	3590274	20.895 ug/ml
9) T Phenanthrene (C19.36)	10.592	3380666	20.629 ug/ml
10) T Anthracene (C19.43)	10.665	2270653	21.271 ug/ml
12) T Fluoranthene (C21.85)	12.396	3292279	20.605 ug/ml
13) T Pyrene (C20.8)	12.689	3186022	20.609 ug/ml
14) T Benzo[a]anthracene (C...	14.555	2612257	21.063 ug/ml
15) T Chrysene (C27.41)	14.596	3023228	20.365 ug/ml
16) T benzo[b]fluoranthene ...	16.097	2838191	21.031 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.129	2883646	20.373 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	2732010	21.270 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	2419704	21.471 ug/mlm
20) T Dibenz[a,h]anthracene...	17.871	2873092	21.767 ug/ml
21) T Benzo[g,h,i]perylene ...	18.081	2807829	21.053 ug/ml

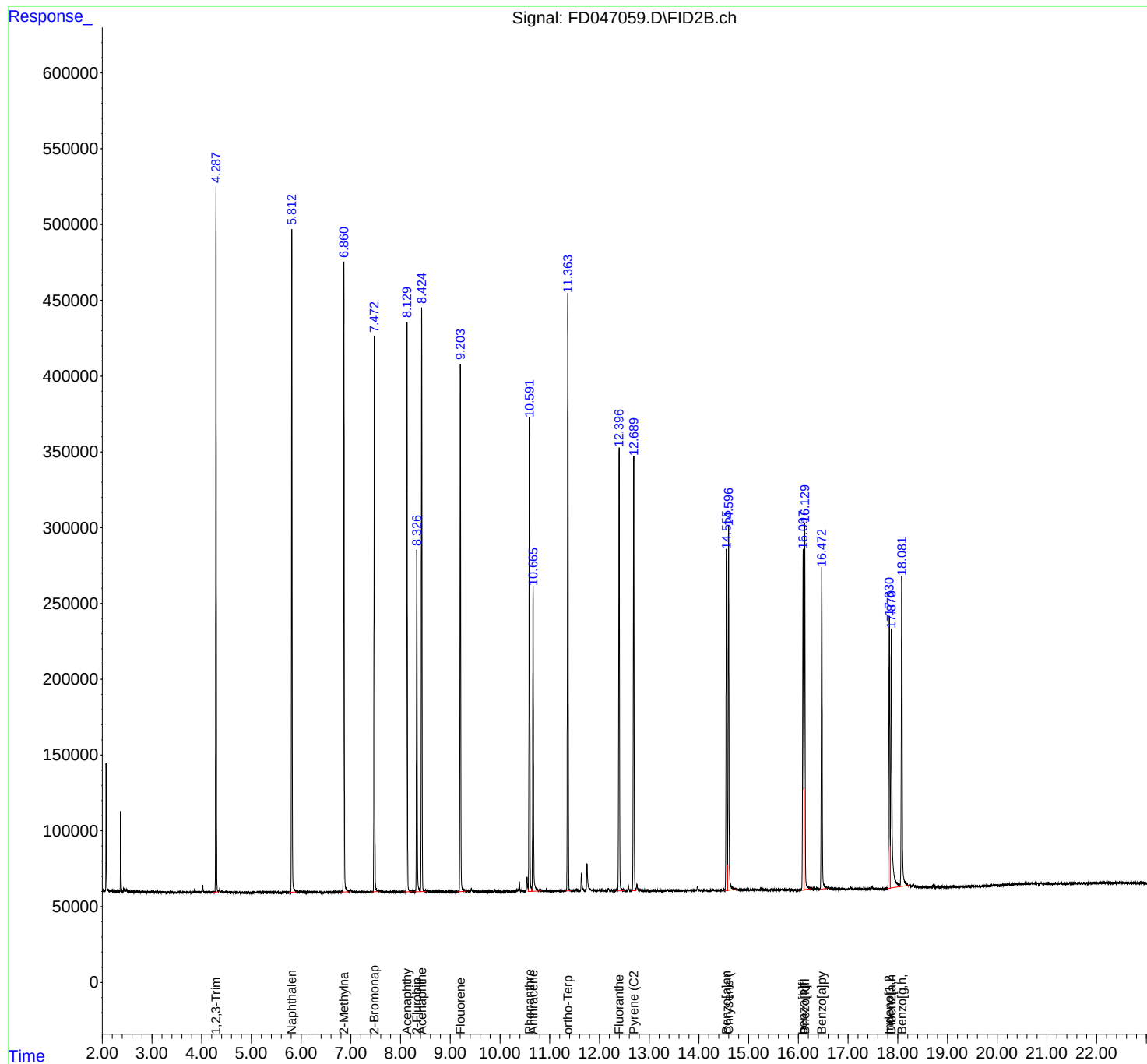
(f)=RT Delta > 1/2 Window

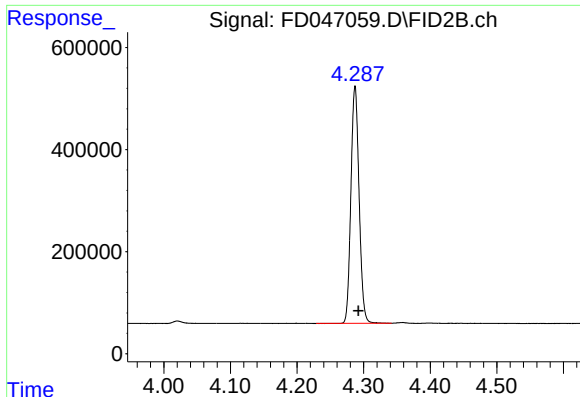
(m)=manual int.

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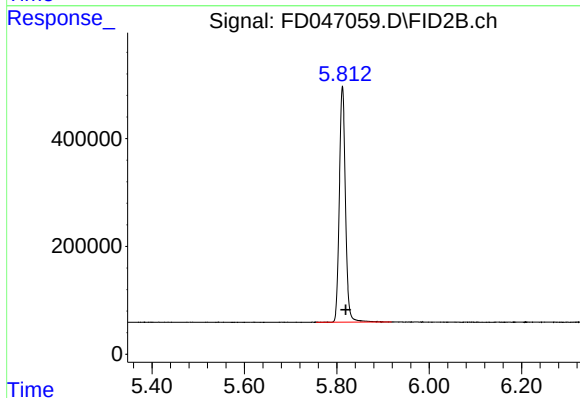
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





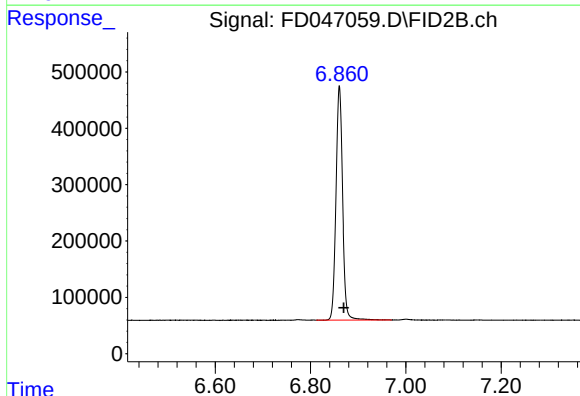
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.287 min
Delta R.T.: -0.005 min
Response: 3963422
Conc: 20.57 ug/ml



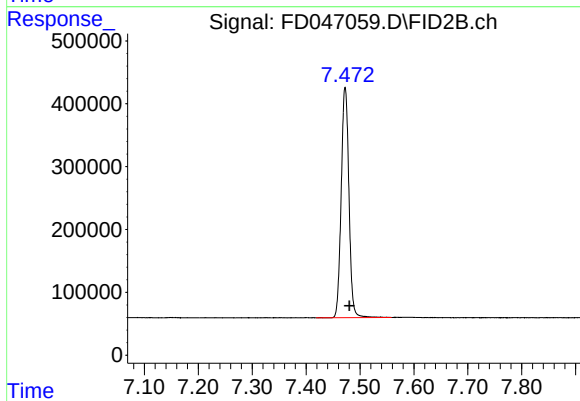
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: -0.007 min
Response: 4026535
Conc: 20.67 ug/ml



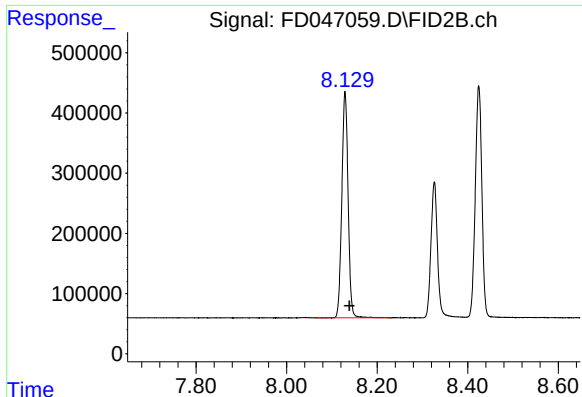
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.009 min
Response: 4018149
Conc: 20.65 ug/ml



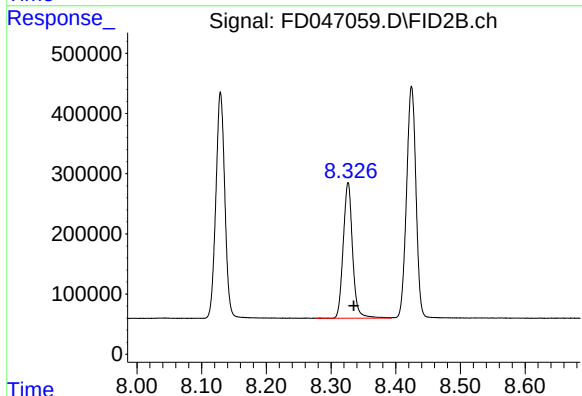
#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min
Delta R.T.: -0.008 min
Response: 3638159
Conc: 20.72 ug/ml



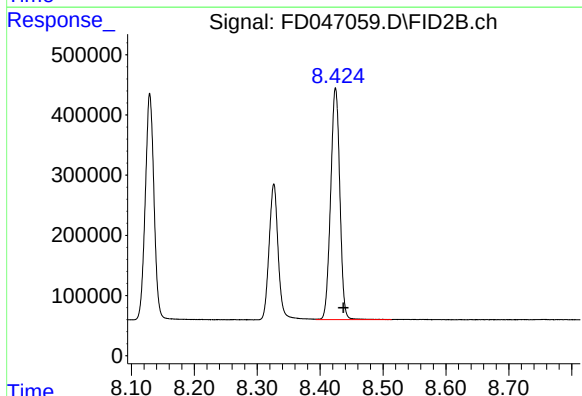
#5 Acenaphthylene (C15.06)

R.T.: 8.129 min
Delta R.T.: -0.010 min
Response: 3620678
Conc: 20.67 ug/ml



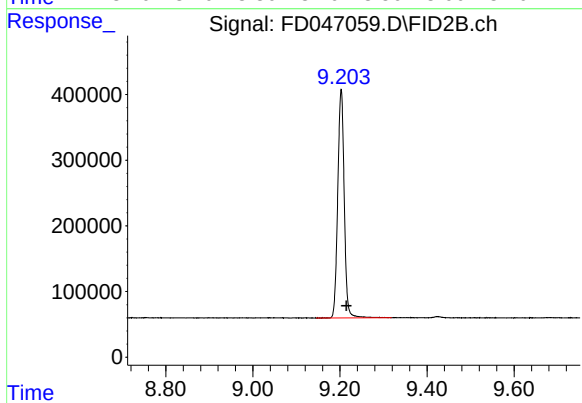
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: -0.009 min
Response: 2266335
Conc: 20.95 ug/ml



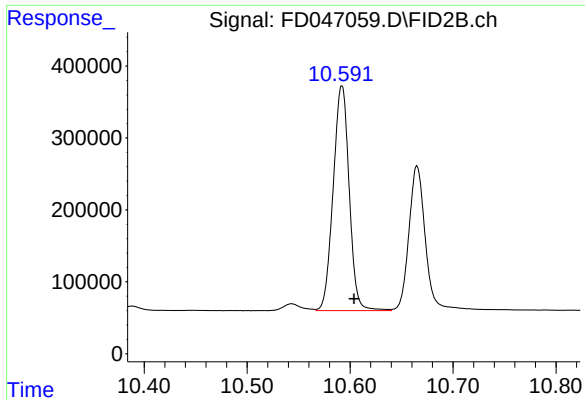
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: -0.012 min
Response: 3907508
Conc: 20.70 ug/ml



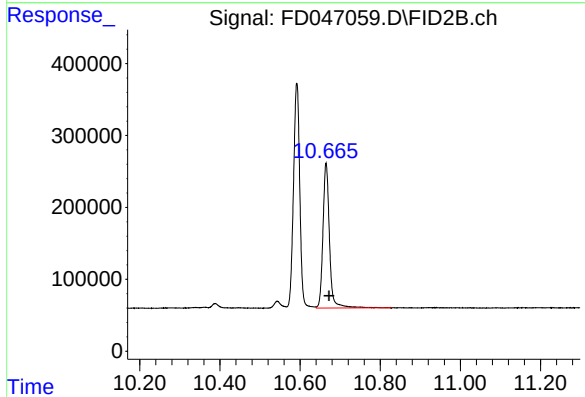
#8 Fluorene (C16.55)

R.T.: 9.203 min
Delta R.T.: -0.012 min
Response: 3590274
Conc: 20.90 ug/ml



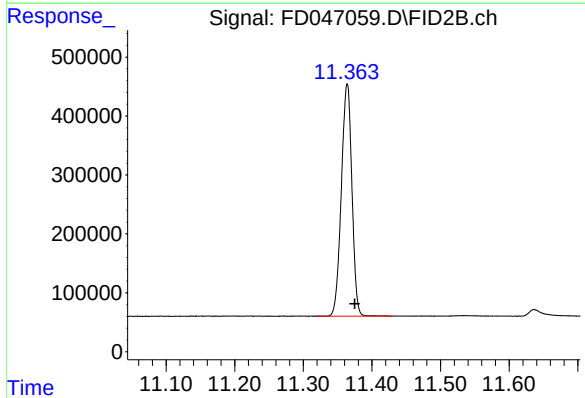
#9 Phenanthrene (C19.36)

R.T.: 10.592 min
Delta R.T.: -0.012 min
Response: 3380666
Conc: 20.63 ug/ml



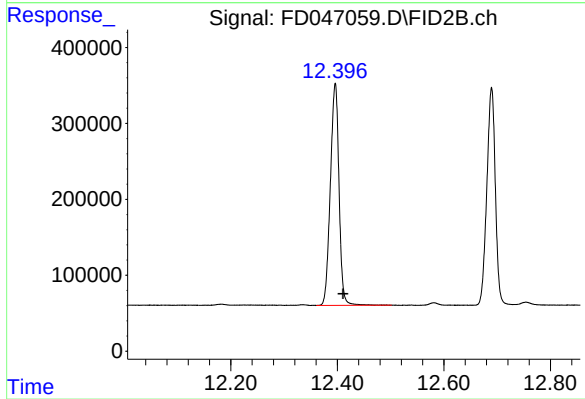
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: -0.008 min
Response: 2270653
Conc: 21.27 ug/ml



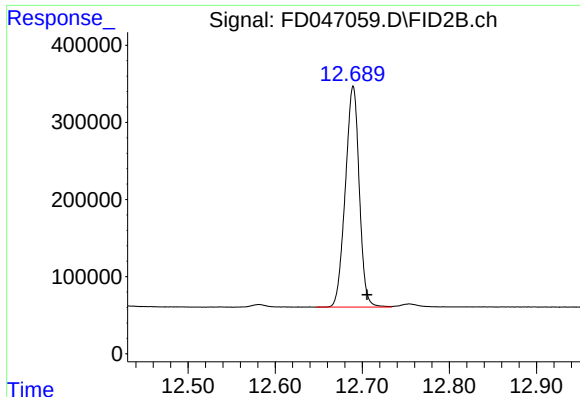
#11 ortho-Terphenyl (SURR)

R.T.: 11.364 min
Delta R.T.: -0.011 min
Response: 4213118
Conc: 20.58 ug/ml



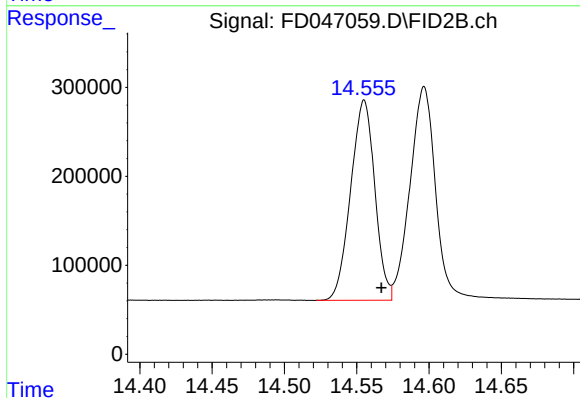
#12 Fluoranthene (C21.85)

R.T.: 12.396 min
Delta R.T.: -0.015 min
Response: 3292279
Conc: 20.60 ug/ml



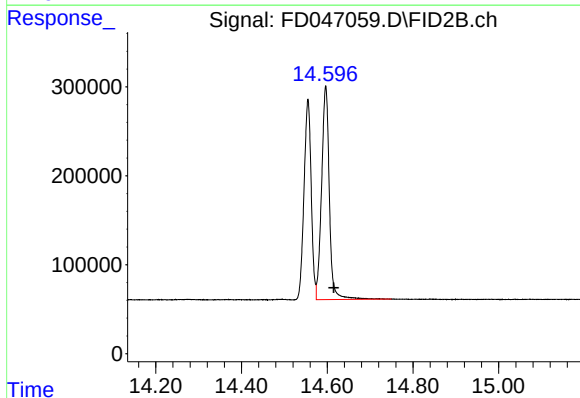
#13 Pyrene (C20.8)

R.T.: 12.689 min
Delta R.T.: -0.016 min
Response: 3186022
Conc: 20.61 ug/ml



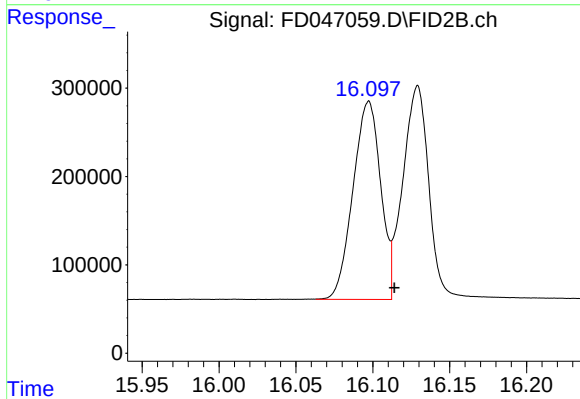
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.555 min
Delta R.T.: -0.012 min
Response: 2612257
Conc: 21.06 ug/ml



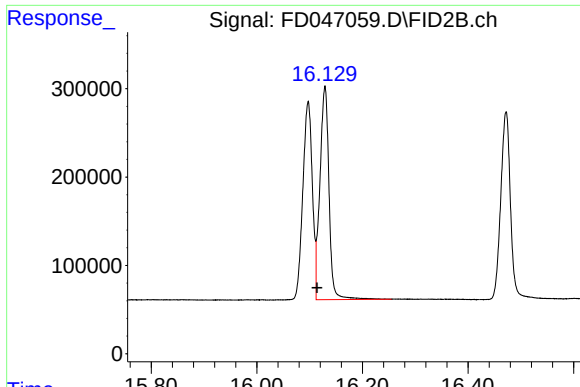
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: -0.019 min
Response: 3023228
Conc: 20.36 ug/ml



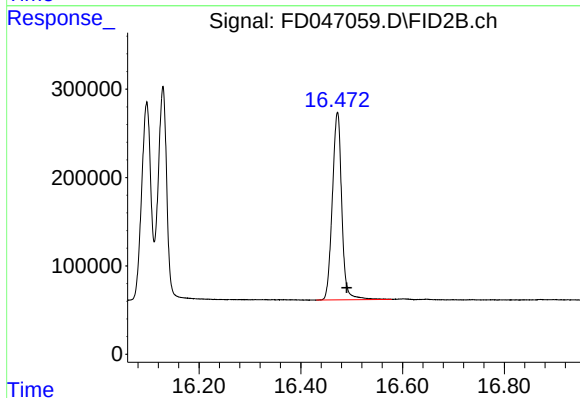
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.097 min
Delta R.T.: -0.017 min
Response: 2838191
Conc: 21.03 ug/ml m



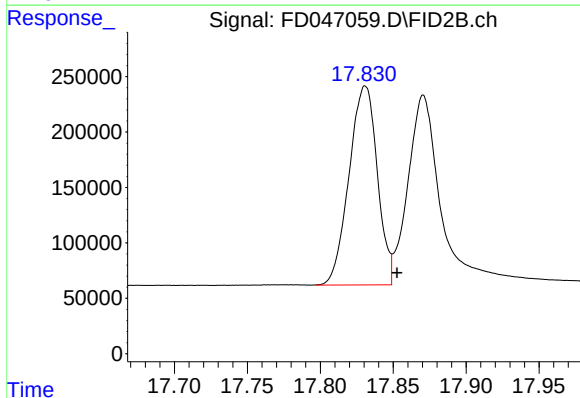
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.129 min
Delta R.T.: 0.015 min
Response: 2883646
Conc: 20.37 ug/ml



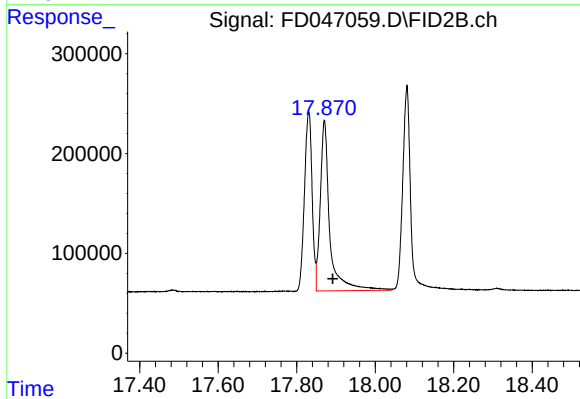
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: -0.018 min
Response: 2732010
Conc: 21.27 ug/ml



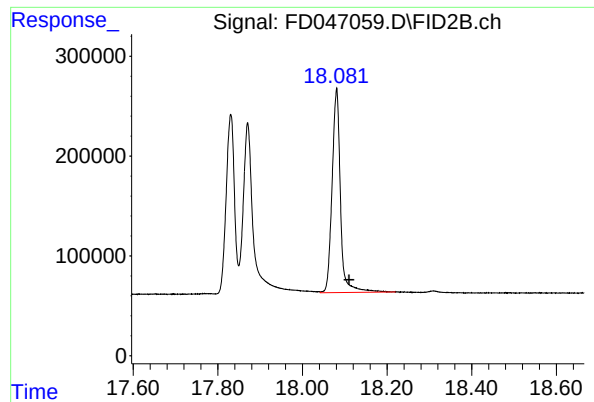
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: -0.023 min
Response: 2419704
Conc: 21.47 ug/ml m



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

R.T.: 17.871 min
Delta R.T.: -0.021 min
Response: 2873092
Conc: 21.77 ug/ml



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

R.T.: 18.081 min
Delta R.T.: -0.030 min
Response: 2807829
Conc: 21.05 ug/ml