

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121823AR\
 Data File : FD047061.D
 Signal(s) : FID2B.ch
 Acq On : 18 Dec 2023 14:49
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 15:47:37 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	3558224	20.263 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
6) S 2-Fluorobiphenyl (SURR)	8.326	2217611	20.501 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.00%
11) S ortho-Terphenyl (SURR)	11.364	4146811	20.255 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	3884890	20.162 ug/ml
2) T Naphthalene (C11.7)	5.812	3959698	20.331 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	3928671	20.194 ug/ml
5) T Acenaphthylene (C15.06)	8.129	3543506	20.233 ug/ml
7) T Acenaphthene (C15.5)	8.425	3829770	20.287 ug/ml
8) T Flouorene (C16.55)	9.203	3517946	20.474 ug/ml
9) T Phenanthrene (C19.36)	10.592	3309779	20.196 ug/ml
10) T Anthracene (C19.43)	10.665	2205588	20.661 ug/ml
12) T Fluoranthene (C21.85)	12.395	3252223	20.354 ug/ml
13) T Pyrene (C20.8)	12.689	3159676	20.438 ug/ml
14) T Benzo[a]anthracene (C...	14.554	2517980	20.303 ug/ml
15) T Chrysene (C27.41)	14.594	2839020	19.124 ug/mlm
16) T benzo[b]fluoranthene ...	16.096	2665019	19.748 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.127	2705455	19.114 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.471	2606100	20.289 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	2103880	18.669 ug/mlm
20) T Dibenz[a,h]anthracene...	17.869	2351908	17.818 ug/ml
21) T Benzo[g,h,i]perylene ...	18.079	2566622	19.245 ug/ml

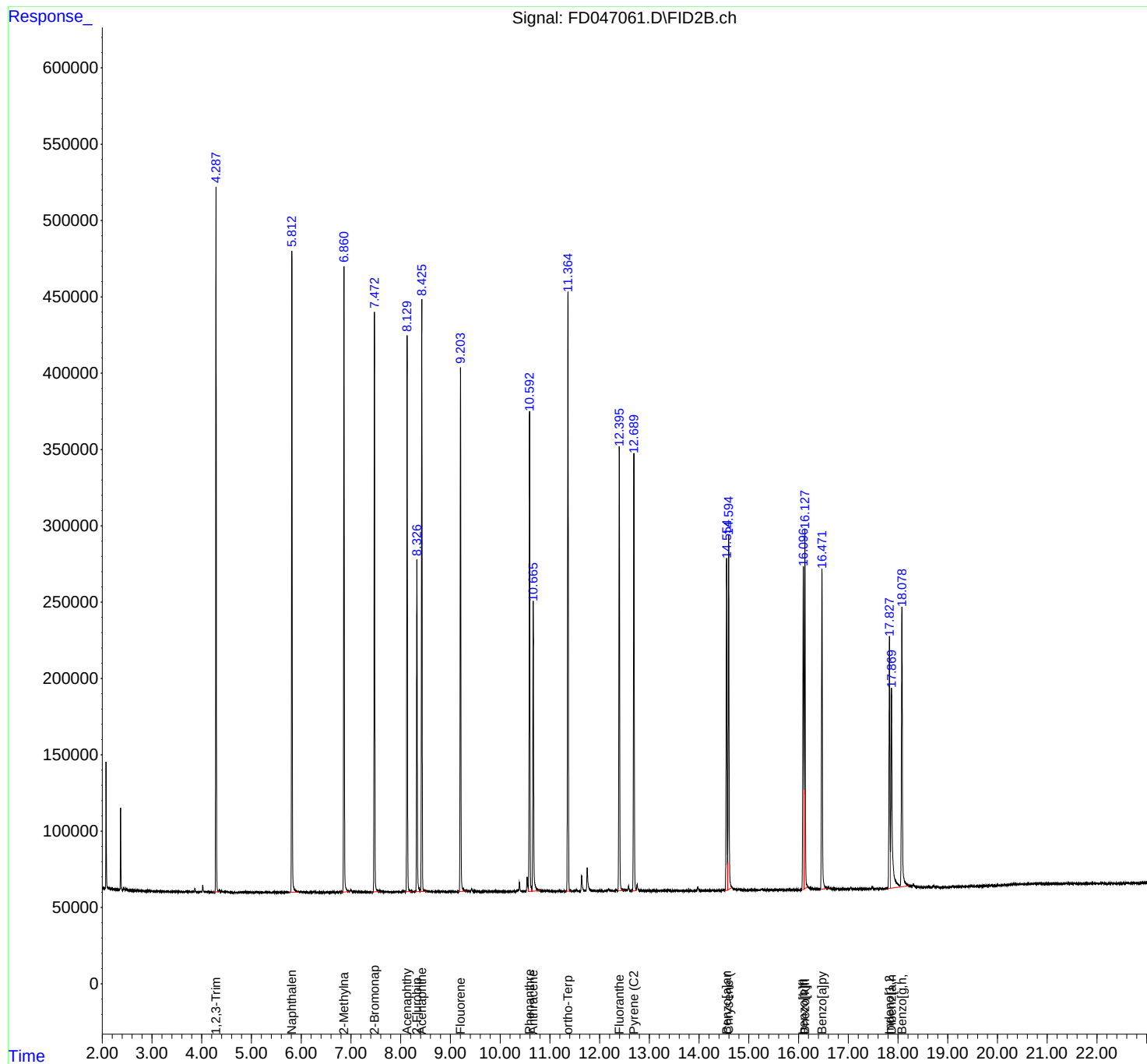
(f)=RT Delta > 1/2 Window

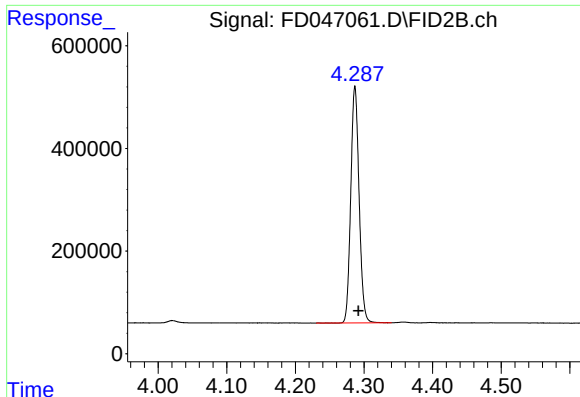
(m)=manual int.

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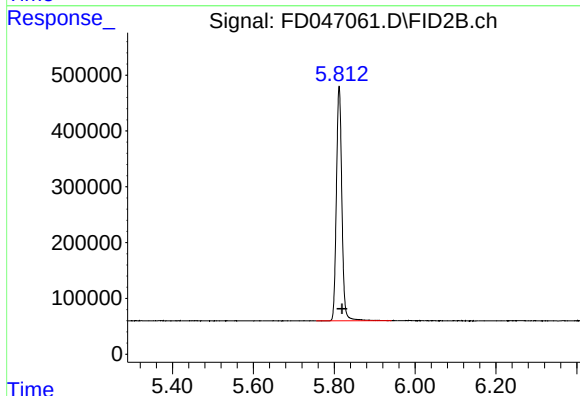
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





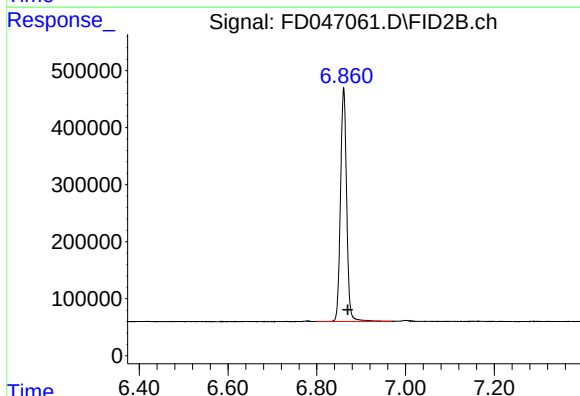
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.287 min
Delta R.T.: -0.005 min
Response: 3884890
Conc: 20.16 ug/ml



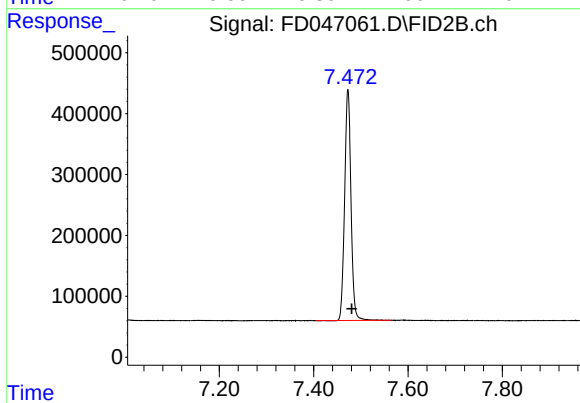
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: -0.007 min
Response: 3959698
Conc: 20.33 ug/ml



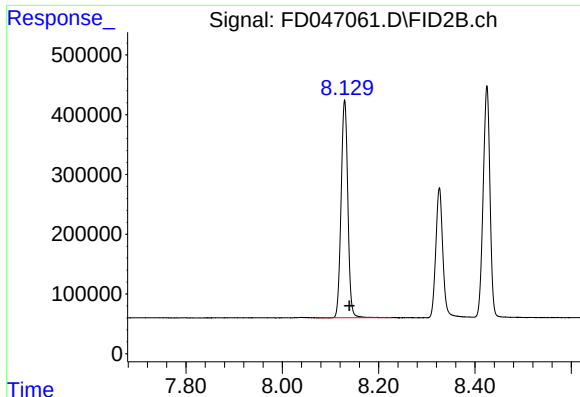
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.009 min
Response: 3928671
Conc: 20.19 ug/ml



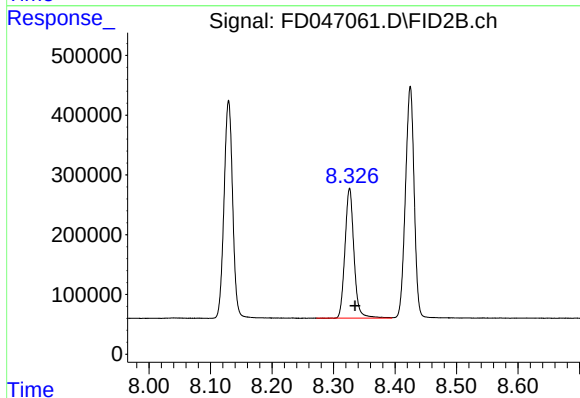
#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min
Delta R.T.: -0.008 min
Response: 3558224
Conc: 20.26 ug/ml



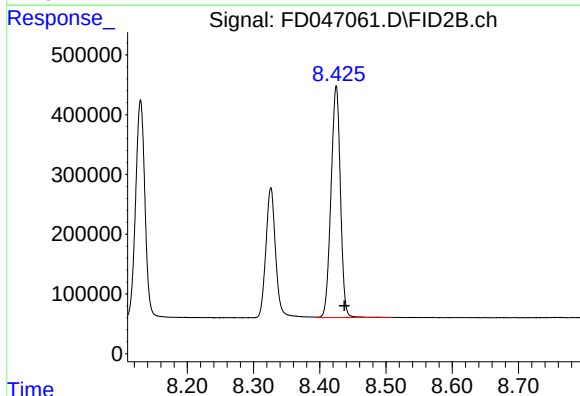
#5 Acenaphthylene (C15.06)

R.T.: 8.129 min
Delta R.T.: -0.010 min
Response: 3543506
Conc: 20.23 ug/ml



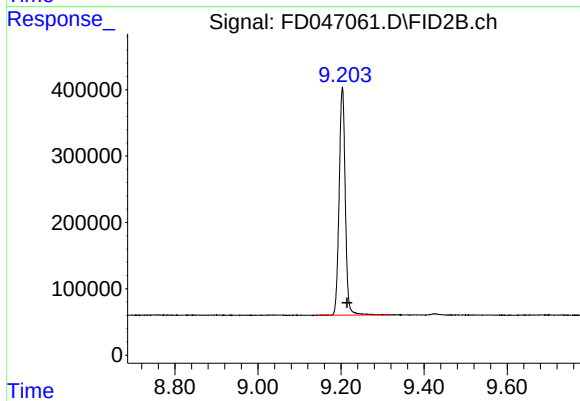
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: -0.009 min
Response: 2217611
Conc: 20.50 ug/ml



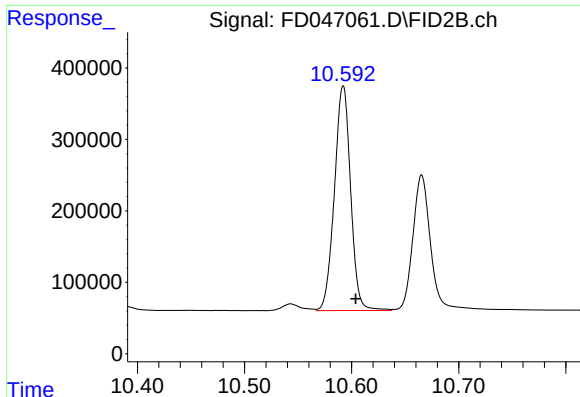
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: -0.012 min
Response: 3829770
Conc: 20.29 ug/ml



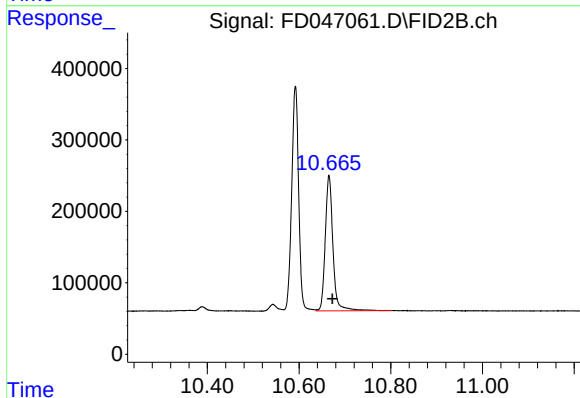
#8 Fluorene (C16.55)

R.T.: 9.203 min
Delta R.T.: -0.012 min
Response: 3517946
Conc: 20.47 ug/ml



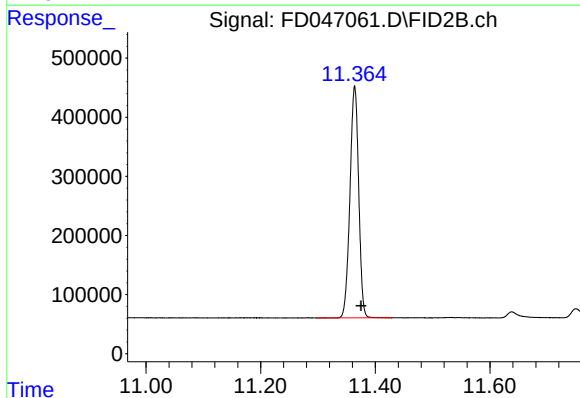
#9 Phenanthrene (C19.36)

R.T.: 10.592 min
Delta R.T.: -0.012 min
Response: 3309779
Conc: 20.20 ug/ml



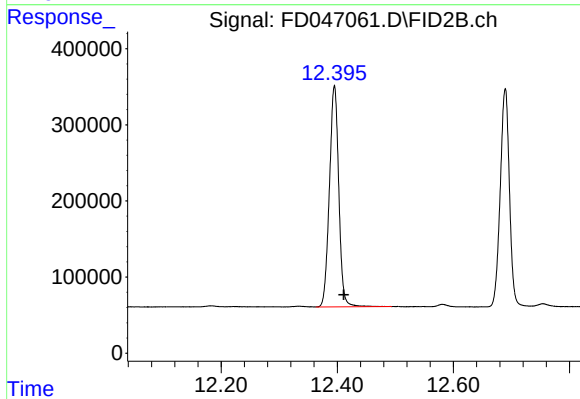
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: -0.007 min
Response: 2205588
Conc: 20.66 ug/ml



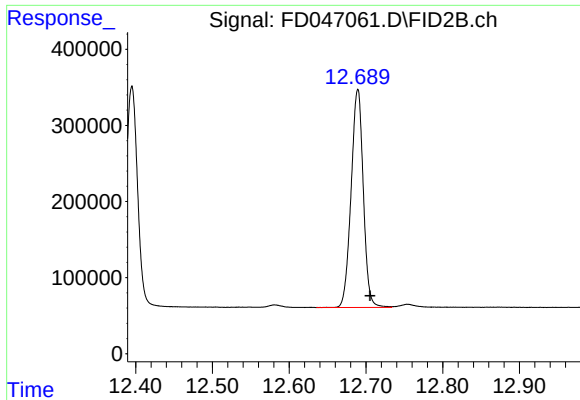
#11 ortho-Terphenyl (SURR)

R.T.: 11.364 min
Delta R.T.: -0.011 min
Response: 4146811
Conc: 20.26 ug/ml



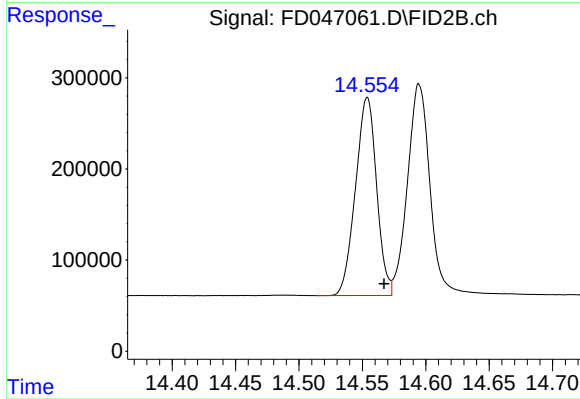
#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: -0.016 min
Response: 3252223
Conc: 20.35 ug/ml



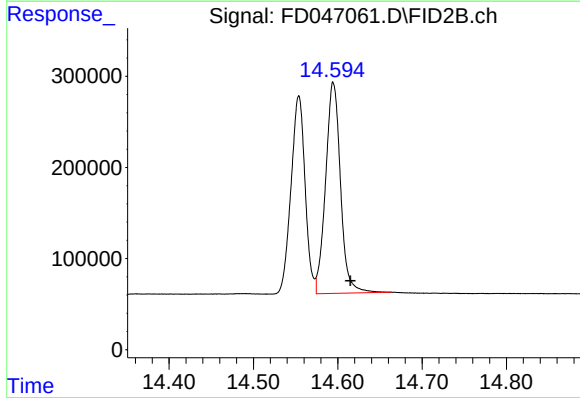
#13 Pyrene (C20.8)

R.T.: 12.689 min
Delta R.T.: -0.016 min
Response: 3159676
Conc: 20.44 ug/ml



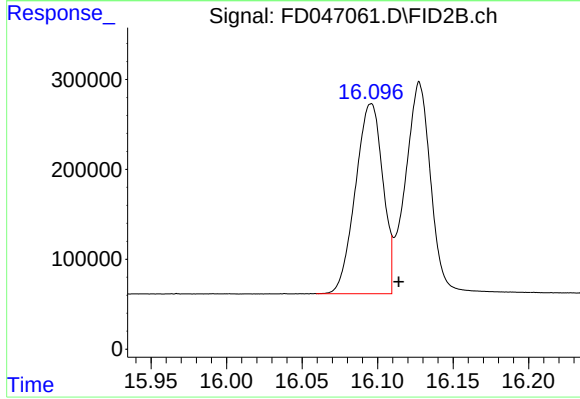
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: -0.013 min
Response: 2517980
Conc: 20.30 ug/ml



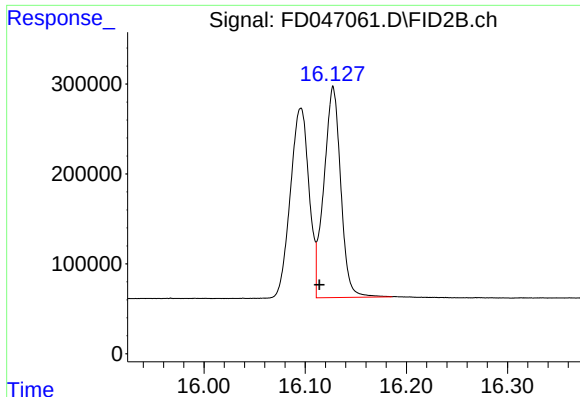
#15 Chrysene (C27.41)

R.T.: 14.594 min
Delta R.T.: -0.021 min
Response: 2839020
Conc: 19.12 ug/ml m



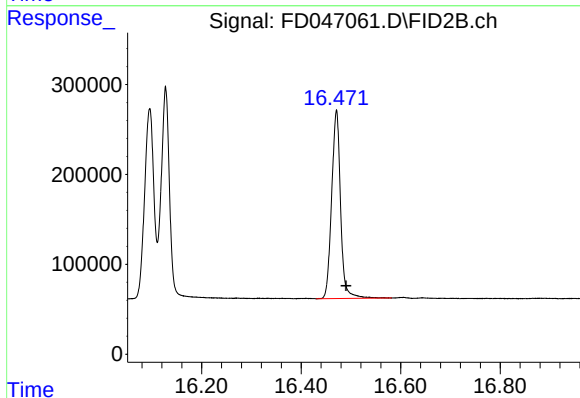
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.096 min
Delta R.T.: -0.018 min
Response: 2665019
Conc: 19.75 ug/ml m



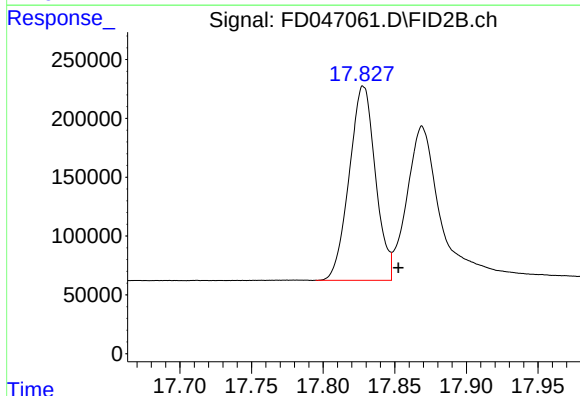
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.127 min
Delta R.T.: 0.013 min
Response: 2705455
Conc: 19.11 ug/ml m



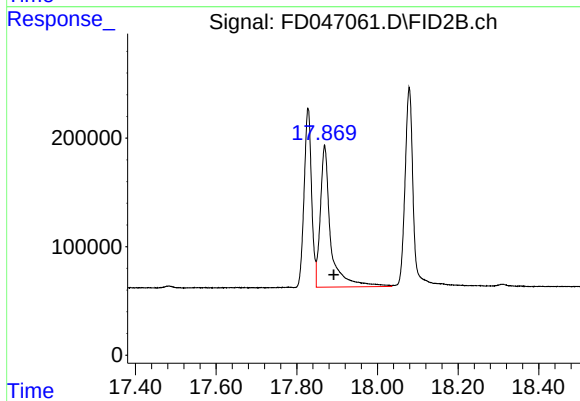
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: -0.019 min
Response: 2606100
Conc: 20.29 ug/ml



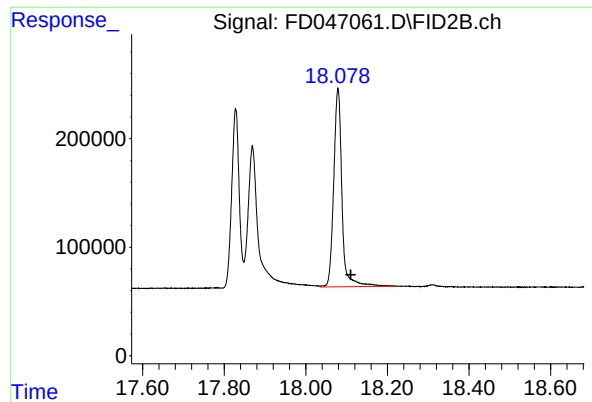
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: -0.025 min
Response: 2103880
Conc: 18.67 ug/ml m



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

R.T.: 17.869 min
Delta R.T.: -0.022 min
Response: 2351908
Conc: 17.82 ug/ml



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

R.T.: 18.079 min
Delta R.T.: -0.031 min
Response: 2566622
Conc: 19.24 ug/ml