

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081622AR\
 Data File : FD043611.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2022 13:11
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 17 05:38:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 2022
 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...	7.609	2959512	20.922 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
6) S 2-Fluorobiphenyl (SURR)	8.473	1932635	20.329 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.66%
11) S ortho-Terphenyl (SURR)	11.519	3268694	19.285 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	3487817	22.238 ug/ml
2) T Naphthalene (C11.7)	5.945	3462997	21.417 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	3120393	21.311 ug/ml
5) T Acenaphthylene (C15.06)	8.275	3285005	20.235 ug/ml
7) T Acenaphthene (C15.5)	8.571	3303349	20.432 ug/ml
8) T Flouorene (C16.55)	9.354	3146288	20.079 ug/ml
9) T Phenanthrene (C19.36)	10.751	2996722	19.121 ug/ml
10) T Anthracene (C19.43)	10.826	2867671	18.619 ug/ml
12) T Fluoranthene (C21.85)	12.565	2878801	18.176 ug/ml
13) T Pyrene (C20.8)	12.863	2813971	17.905 ug/ml
14) T Benzo[a]anthracene (C...	14.737	2752251	18.655 ug/ml
15) T Chrysene (C27.41)	14.779	2860800	18.308 ug/ml
16) T benzo[b]fluoranthene ...	16.290	2940480	19.658 ug/ml
17) T Bnezo[k]fluoranthene ...	16.322	2884408	19.222 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2829068	20.015 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	2525082	21.365 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	2938697	20.718 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	2805573	21.574 ug/ml

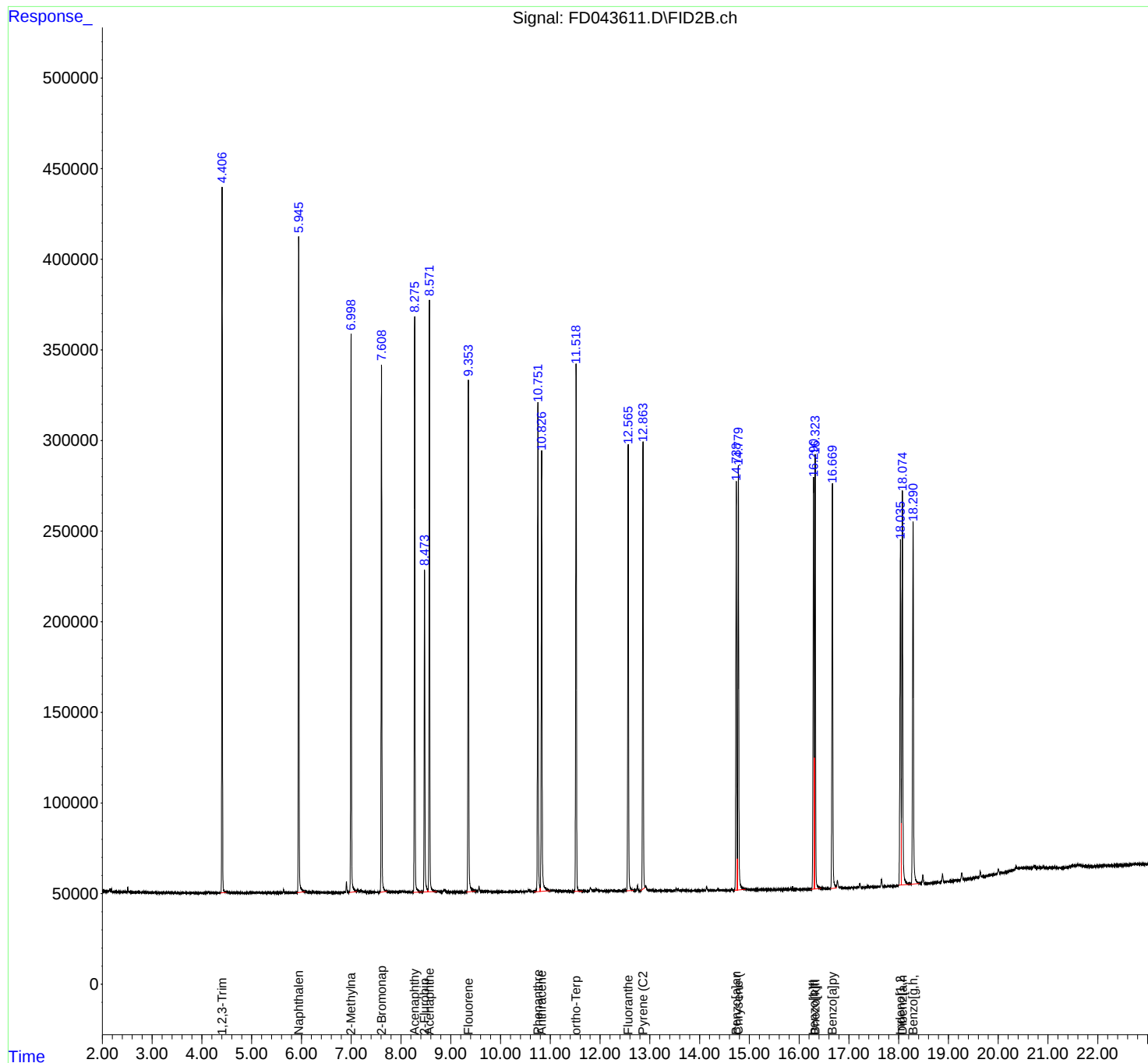
(f)=RT Delta > 1/2 Window

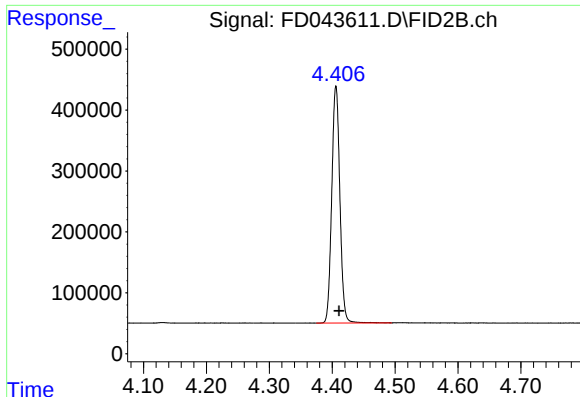
(m)=manual int.

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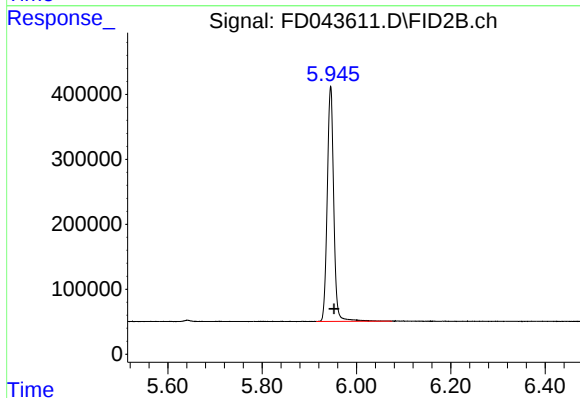
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Signal Info : 20M x 0.18mm x 0.18µm





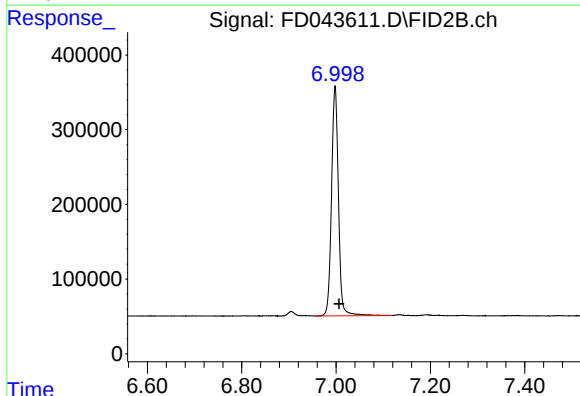
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.406 min
Delta R.T.: -0.005 min
Response: 3487817
Conc: 22.24 ug/ml



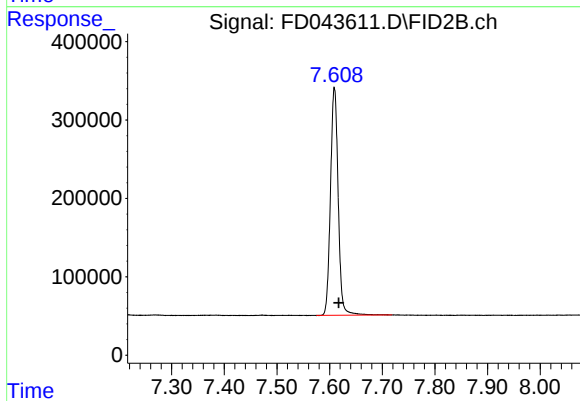
#2 Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 3462997
Conc: 21.42 ug/ml



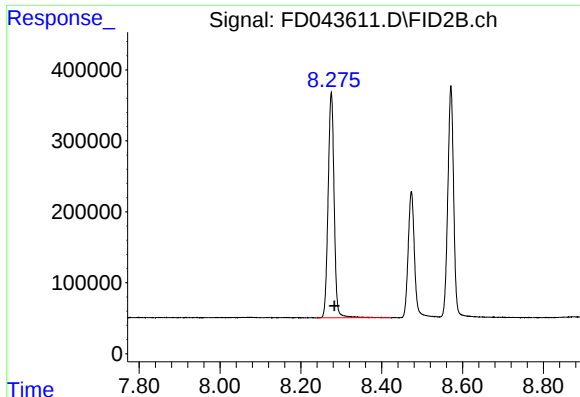
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.008 min
Response: 3120393
Conc: 21.31 ug/ml



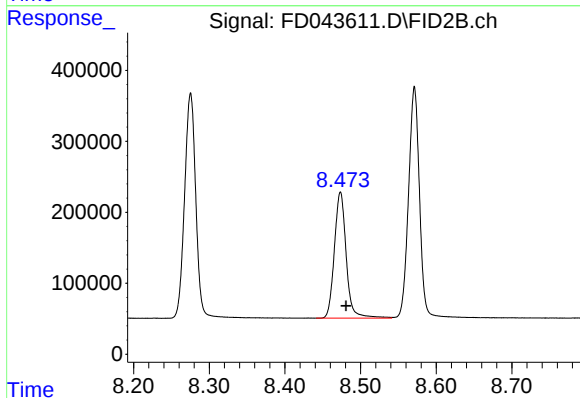
#4 2-Bromonaphthalene (SURR)

R.T.: 7.609 min
Delta R.T.: -0.009 min
Response: 2959512
Conc: 20.92 ug/ml



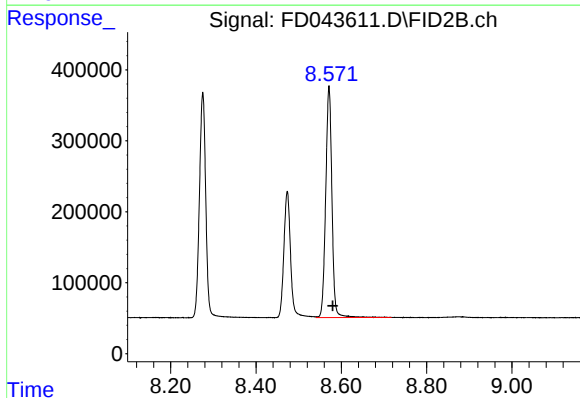
#5 Acenaphthylene (C15.06)

R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 3285005
Conc: 20.24 ug/ml



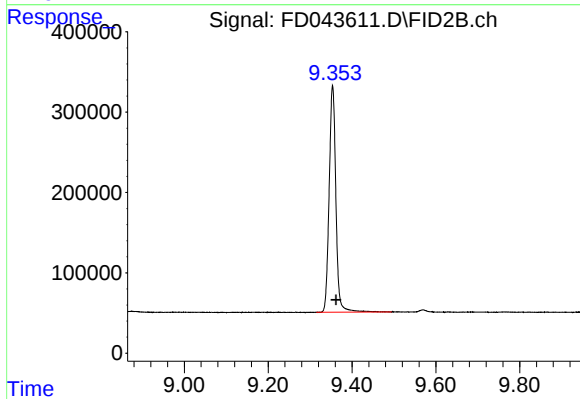
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.008 min
Response: 1932635
Conc: 20.33 ug/ml



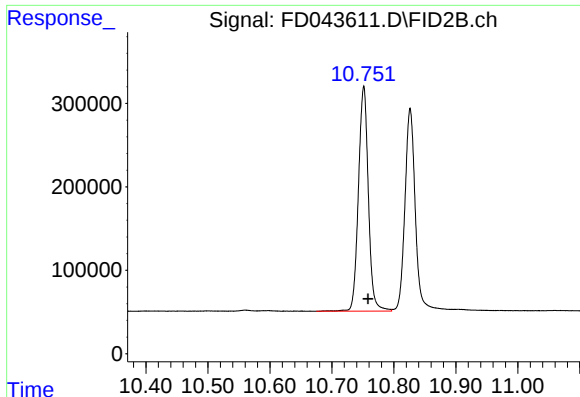
#7 Acenaphthene (C15.5)

R.T.: 8.571 min
Delta R.T.: -0.009 min
Response: 3303349
Conc: 20.43 ug/ml



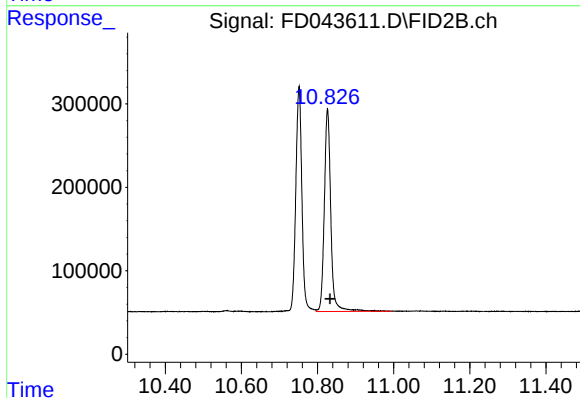
#8 Flouorene (C16.55)

R.T.: 9.354 min
Delta R.T.: -0.008 min
Response: 3146288
Conc: 20.08 ug/ml



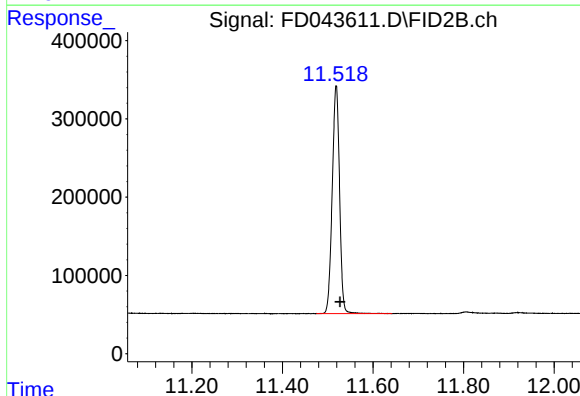
#9 Phenanthrene (C19.36)

R.T.: 10.751 min
Delta R.T.: -0.007 min
Response: 2996722
Conc: 19.12 ug/ml



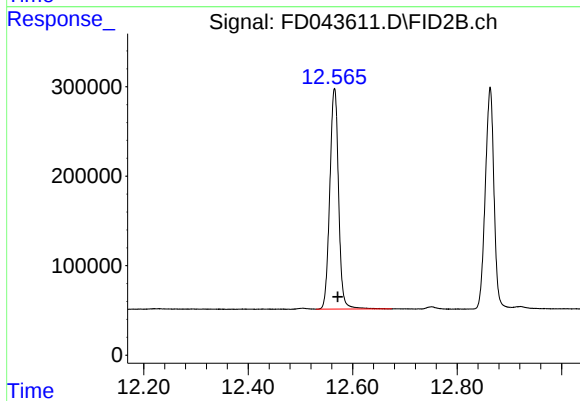
#10 Anthracene (C19.43)

R.T.: 10.826 min
Delta R.T.: -0.007 min
Response: 2867671
Conc: 18.62 ug/ml



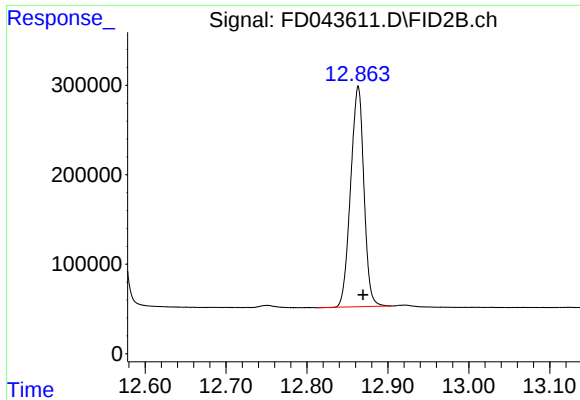
#11 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: -0.009 min
Response: 3268694
Conc: 19.29 ug/ml



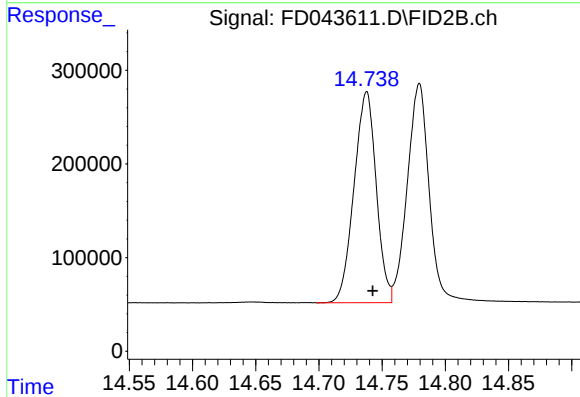
#12 Fluoranthene (C21.85)

R.T.: 12.565 min
Delta R.T.: -0.007 min
Response: 2878801
Conc: 18.18 ug/ml



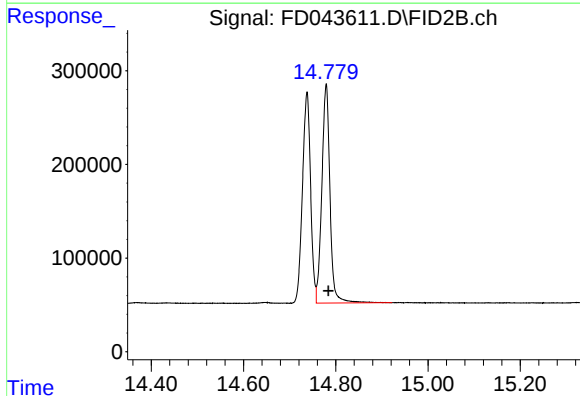
#13 Pyrene (C20.8)

R.T.: 12.863 min
Delta R.T.: -0.006 min
Response: 2813971
Conc: 17.91 ug/ml



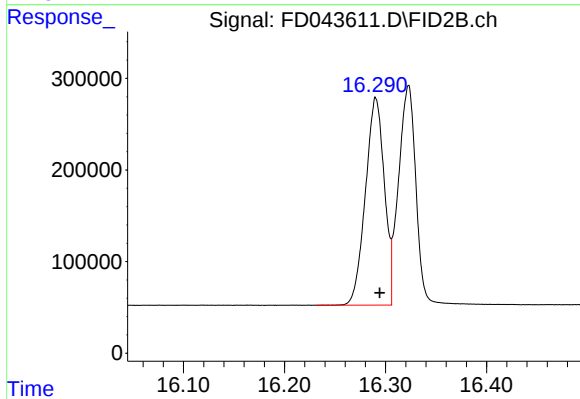
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: -0.005 min
Response: 2752251
Conc: 18.66 ug/ml



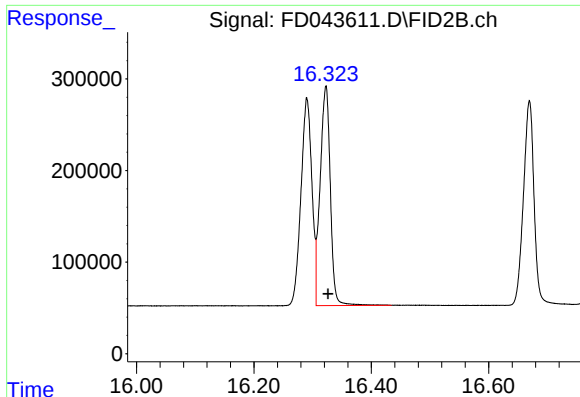
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: -0.005 min
Response: 2860800
Conc: 18.31 ug/ml



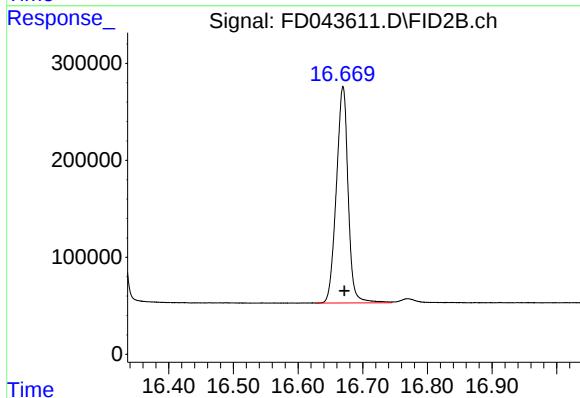
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.290 min
Delta R.T.: -0.004 min
Response: 2940480
Conc: 19.66 ug/ml



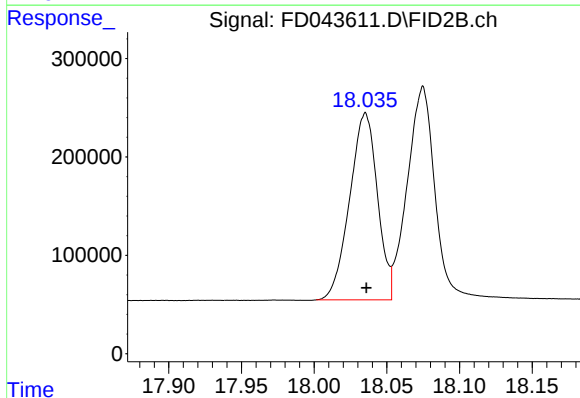
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.322 min
Delta R.T.: -0.004 min
Response: 2884408
Conc: 19.22 ug/ml



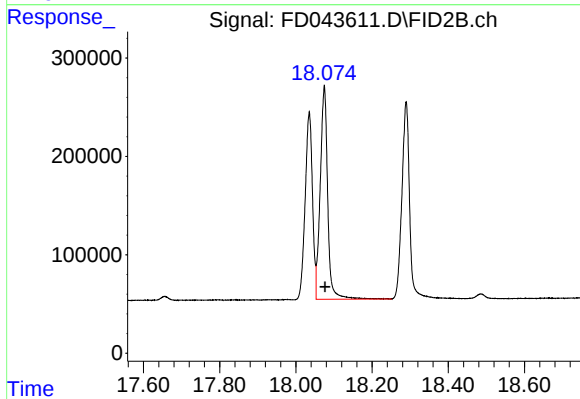
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.002 min
Response: 2829068
Conc: 20.02 ug/ml



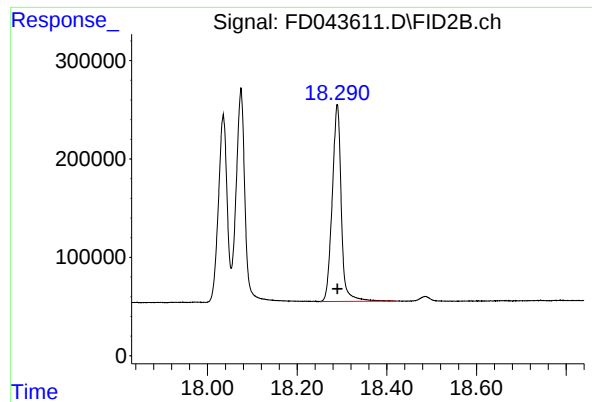
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 2525082
Conc: 21.37 ug/ml



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

R.T.: 18.074 min
Delta R.T.: -0.002 min
Response: 2938697
Conc: 20.72 ug/ml



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

R.T.: 18.289 min
Delta R.T.: 0.000 min
Response: 2805573
Conc: 21.57 ug/ml