

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081622AR\
 Data File : FD043618.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2022 21:41
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 17 05:39:58 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	2937914	20.770 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
6) S 2-Fluorobiphenyl (SURR)	8.473	1945032	20.460 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.92%
11) S ortho-Terphenyl (SURR)	11.518	3279555	19.349 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	3504455	22.344 ug/ml
2) T Naphthalene (C11.7)	5.945	3483320	21.543 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	3139947	21.444 ug/ml
5) T Acenaphthylene (C15.06)	8.275	3293641	20.289 ug/ml
7) T Acenaphthene (C15.5)	8.571	3338346	20.649 ug/ml
8) T Flouorene (C16.55)	9.353	3178144	20.282 ug/ml
9) T Phenanthrene (C19.36)	10.751	3014920	19.237 ug/ml
10) T Anthracene (C19.43)	10.826	2867702	18.619 ug/ml
12) T Fluoranthene (C21.85)	12.565	2916764	18.416 ug/ml
13) T Pyrene (C20.8)	12.862	2853631	18.158 ug/ml
14) T Benzo[a]anthracene (C...	14.737	2799926	18.979 ug/ml
15) T Chrysene (C27.41)	14.778	2923662	18.710 ug/ml
16) T benzo[b]fluoranthene ...	16.290	2984597	19.952 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	2929890	19.526 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2875776	20.346 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	2558798	21.651 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	2994460	21.112 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	2852277	21.933 ug/ml

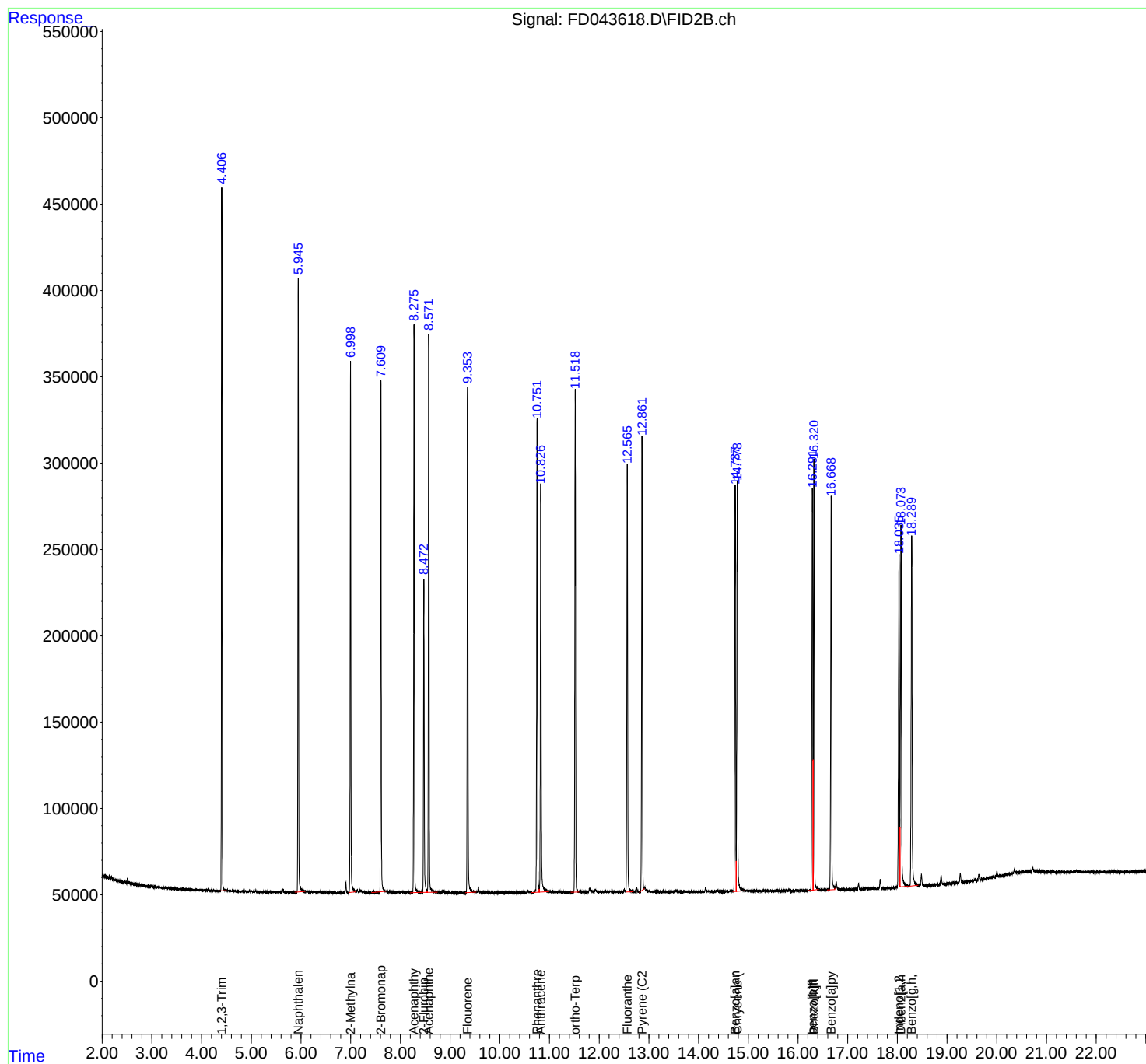
(f)=RT Delta > 1/2 Window

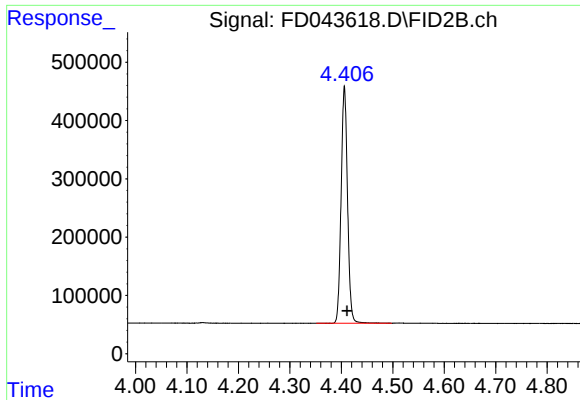
(m)=manual int.

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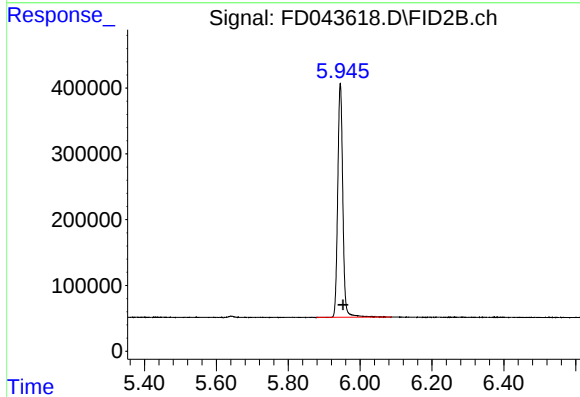
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





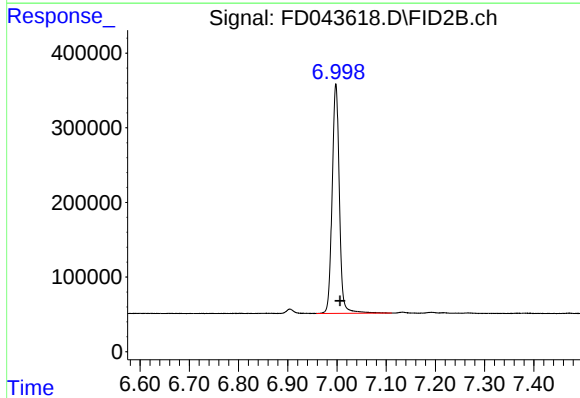
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.406 min
Delta R.T.: -0.005 min
Response: 3504455
Conc: 22.34 ug/ml



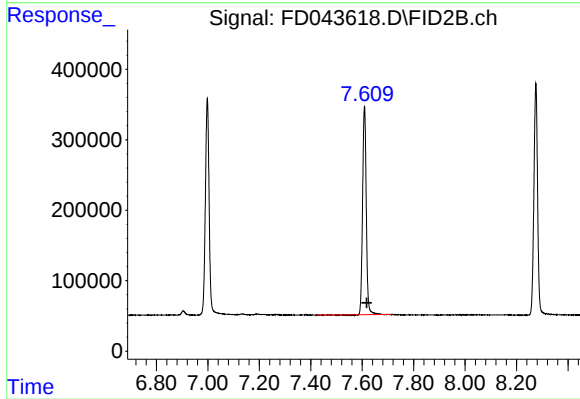
#2 Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 3483320
Conc: 21.54 ug/ml



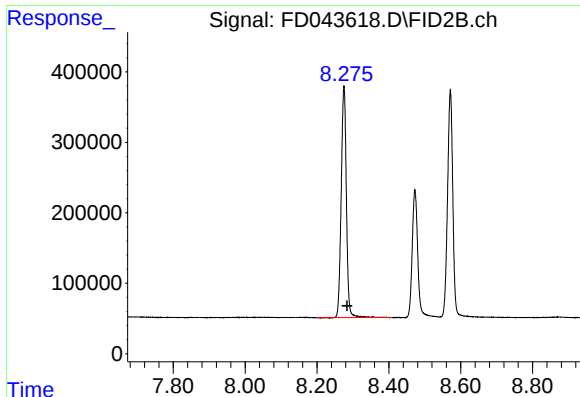
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.008 min
Response: 3139947
Conc: 21.44 ug/ml



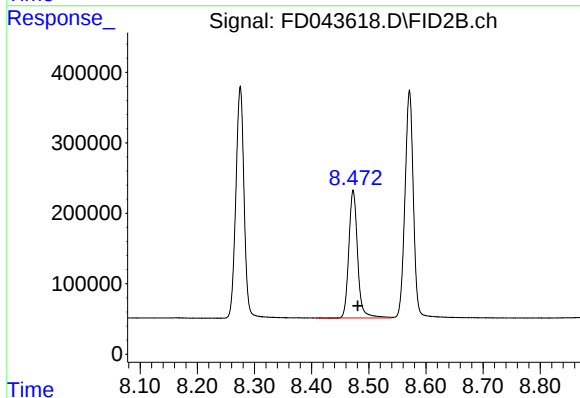
#4 2-Bromonaphthalene (SURR)

R.T.: 7.609 min
Delta R.T.: -0.009 min
Response: 2937914
Conc: 20.77 ug/ml



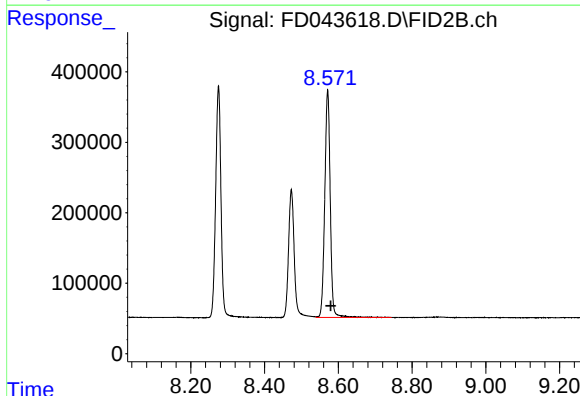
#5 Acenaphthylene (C15.06)

R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 3293641
Conc: 20.29 ug/ml



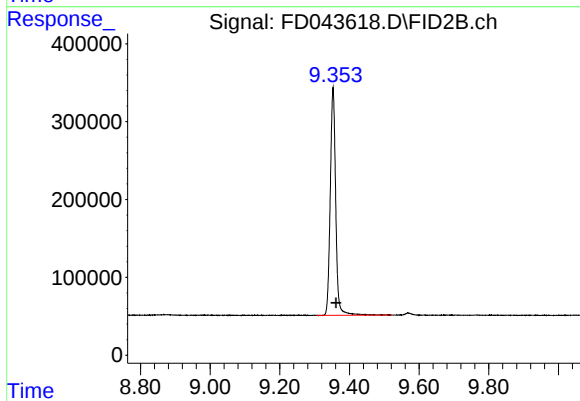
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.008 min
Response: 1945032
Conc: 20.46 ug/ml



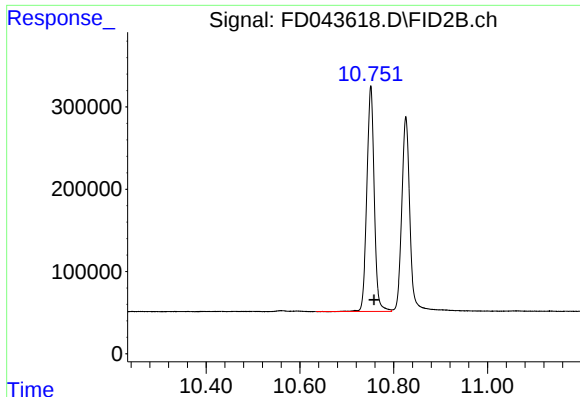
#7 Acenaphthene (C15.5)

R.T.: 8.571 min
Delta R.T.: -0.009 min
Response: 3338346
Conc: 20.65 ug/ml



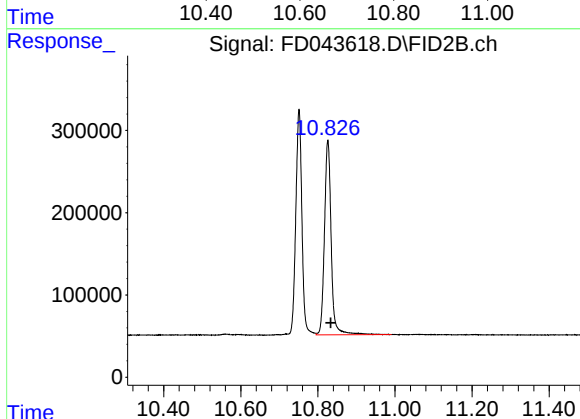
#8 Flouorene (C16.55)

R.T.: 9.353 min
Delta R.T.: -0.009 min
Response: 3178144
Conc: 20.28 ug/ml



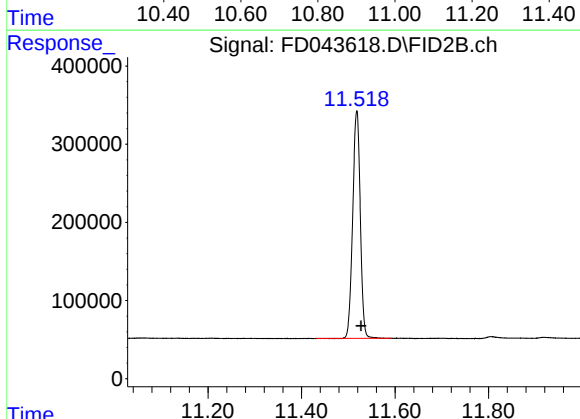
#9 Phenanthrene (C19.36)

R.T.: 10.751 min
Delta R.T.: -0.007 min
Response: 3014920
Conc: 19.24 ug/ml



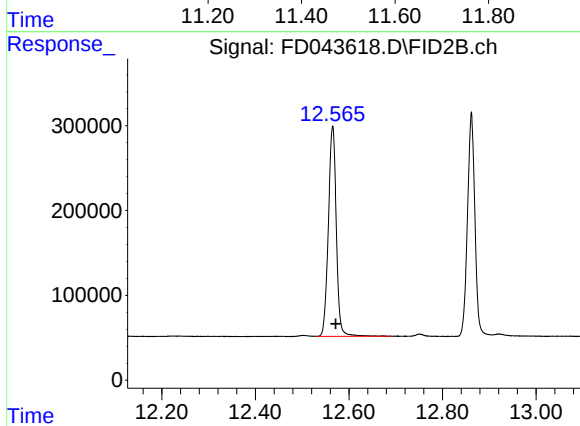
#10 Anthracene (C19.43)

R.T.: 10.826 min
Delta R.T.: -0.007 min
Response: 2867702
Conc: 18.62 ug/ml



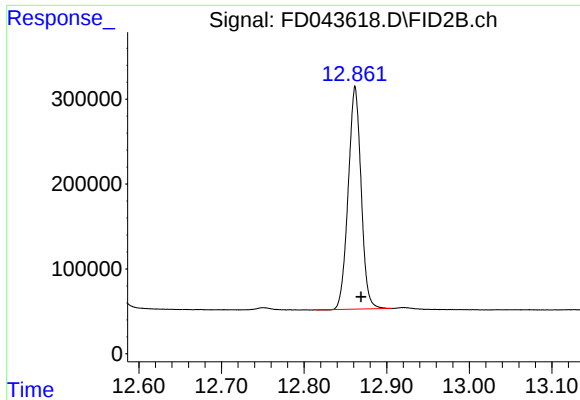
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.009 min
Response: 3279555
Conc: 19.35 ug/ml



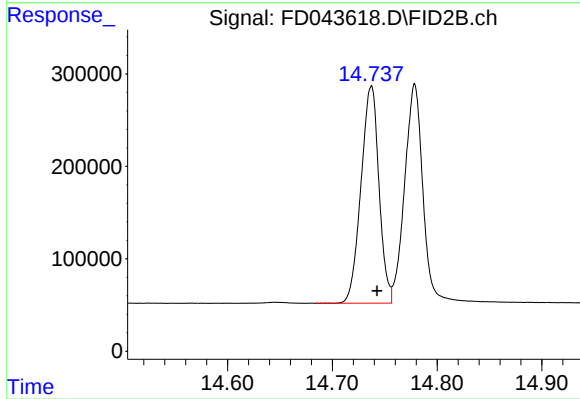
#12 Fluoranthene (C21.85)

R.T.: 12.565 min
Delta R.T.: -0.007 min
Response: 2916764
Conc: 18.42 ug/ml



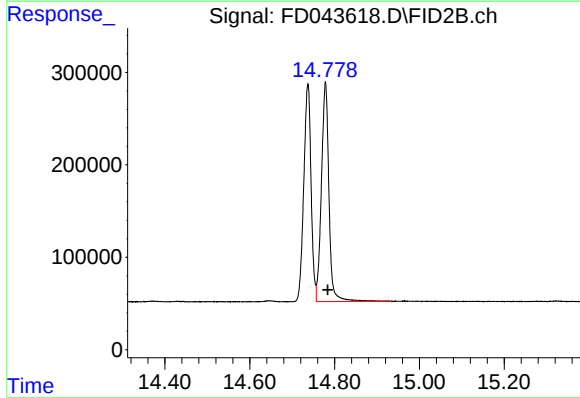
#13 Pyrene (C20.8)

R.T.: 12.862 min
Delta R.T.: -0.008 min
Response: 2853631
Conc: 18.16 ug/ml



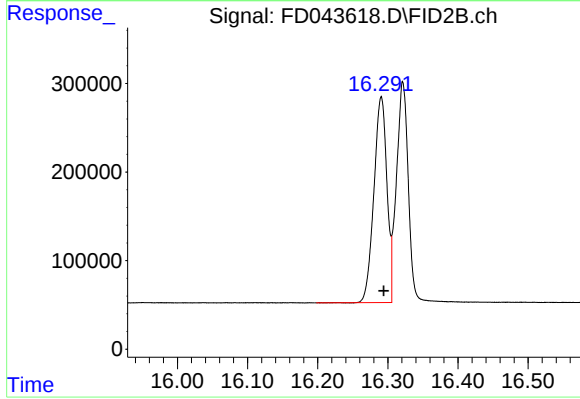
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: -0.006 min
Response: 2799926
Conc: 18.98 ug/ml



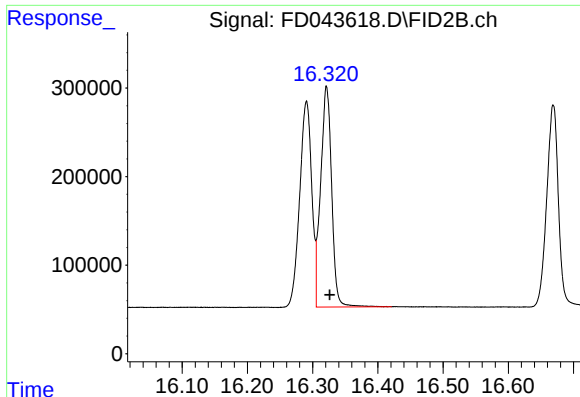
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.006 min
Response: 2923662
Conc: 18.71 ug/ml



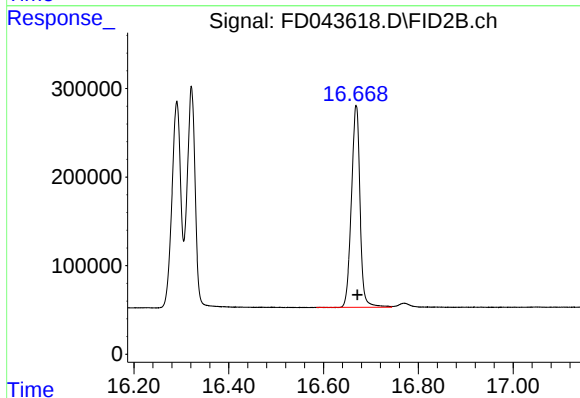
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.290 min
Delta R.T.: -0.004 min
Response: 2984597
Conc: 19.95 ug/ml



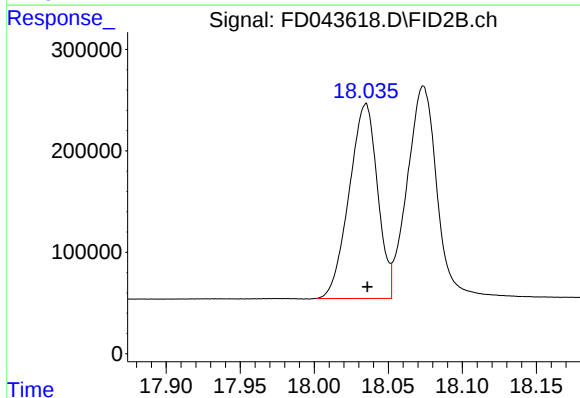
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.321 min
Delta R.T.: -0.005 min
Response: 2929890
Conc: 19.53 ug/ml



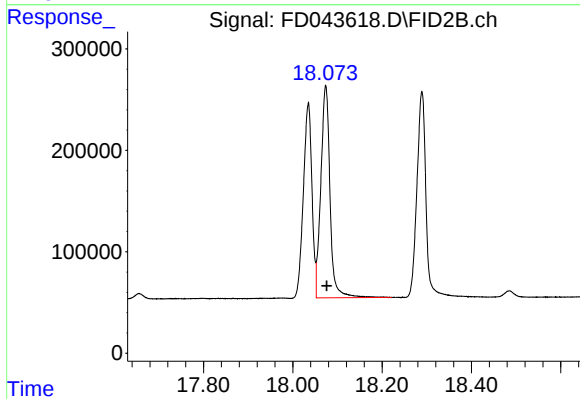
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.003 min
Response: 2875776
Conc: 20.35 ug/ml



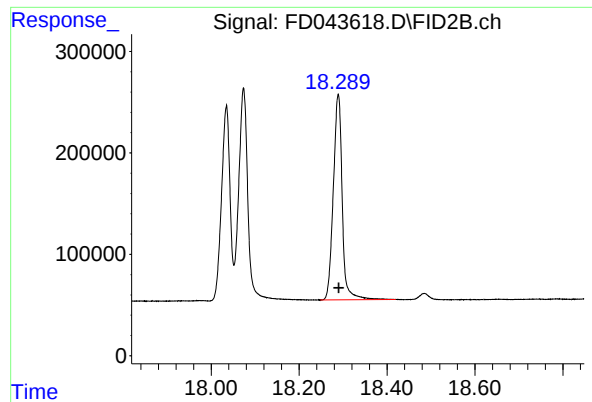
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: -0.002 min
Response: 2558798
Conc: 21.65 ug/ml



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

R.T.: 18.074 min
Delta R.T.: -0.003 min
Response: 2994460
Conc: 21.11 ug/ml



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

R.T.: 18.289 min
Delta R.T.: -0.001 min
Response: 2852277
Conc: 21.93 ug/ml