

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090325AR\
 Data File : FG016526.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 17:11
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 02:48:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 05:03:16 2025
 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...	8.102	2255342	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
6) S 2-Fluorobiphenyl (SURR)	8.986	1490122	19.097 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.19%
11) S ortho-Terphenyl (SURR)	12.068	2596230	19.492 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.688	2521296	20.575 ug/ml
2) T Naphthalene (C11.7)	6.370	2568530	19.809 ug/ml
3) T 2-Methylnaphthalene (...)	7.473	2450919	18.555 ug/ml
5) T Acenaphthylene (C15.06)	8.785	2499276	19.097 ug/ml
7) T Acenaphthene (C15.5)	9.085	2589578	19.868 ug/ml
8) T Flouorene (C16.55)	9.881	2514672	19.268 ug/ml
9) T Phenanthrene (C19.36)	11.298	2413998	18.500 ug/ml
10) T Anthracene (C19.43)	11.373	2282487	17.468 ug/ml
12) T Fluoranthene (C21.85)	13.132	2479040	18.902 ug/ml
13) T Pyrene (C20.8)	13.433	2444317	18.820 ug/ml
14) T Benzo[a]anthracene (C...	15.327	2210602	17.269 ug/ml
15) T Chrysene (C27.41)	15.369	2365855	18.338 ug/ml
16) T benzo[b]fluoranthene ...	16.896	2204895	17.219 ug/ml
17) T Bnezo[k]fluoranthene ...	16.928	2399603	19.971 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.281	2137306	17.153 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.661	1758511	15.288 ug/ml
20) T Dibenz[a,h]anthracene...	18.700	2463653	20.401 ug/ml
21) T Benzo[g,h,i]perylene ...	18.918	2225104	18.632 ug/ml

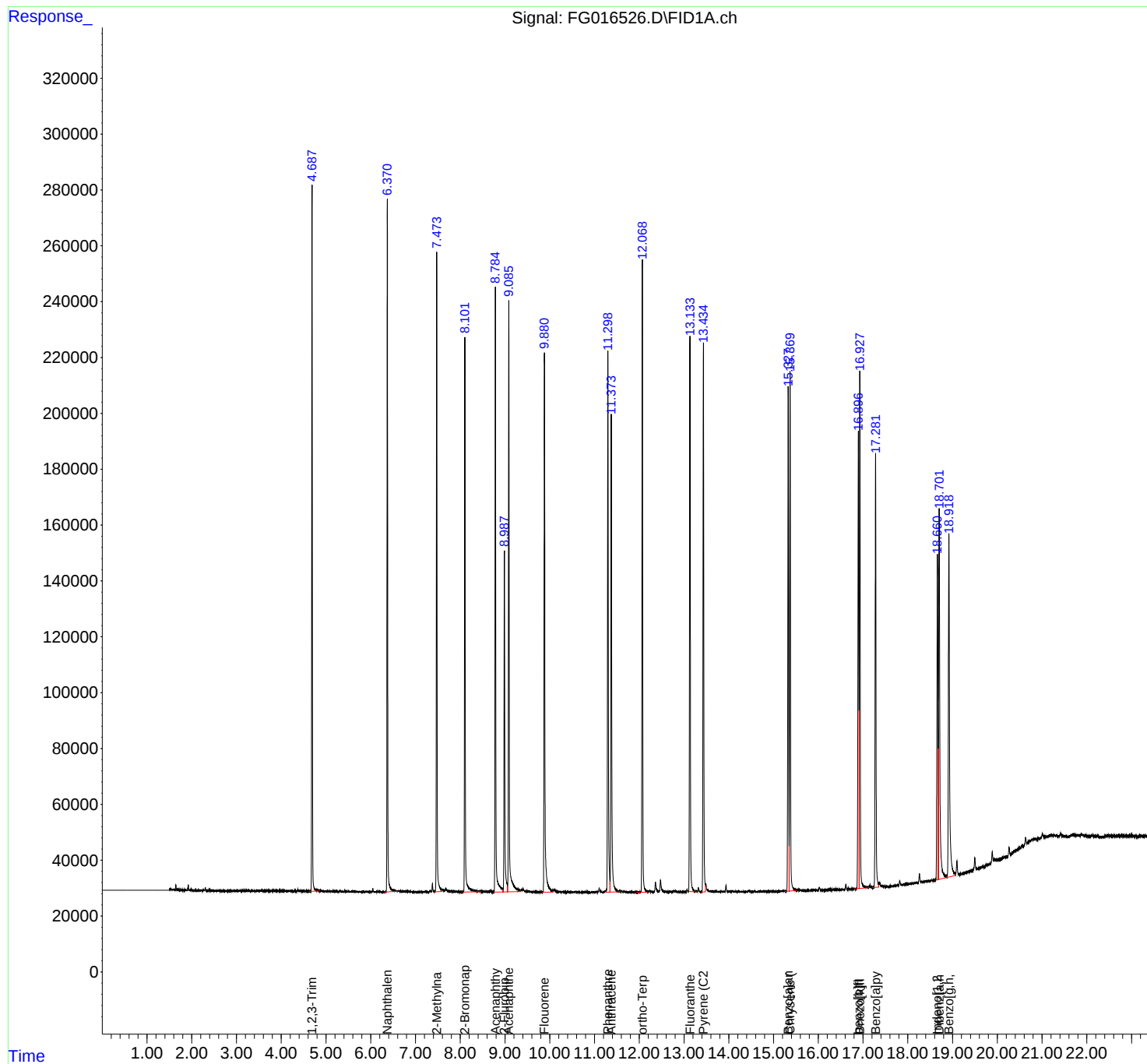
(f)=RT Delta > 1/2 Window

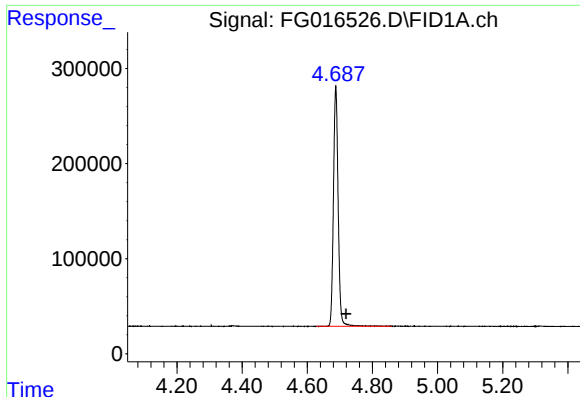
(m)=manual int.

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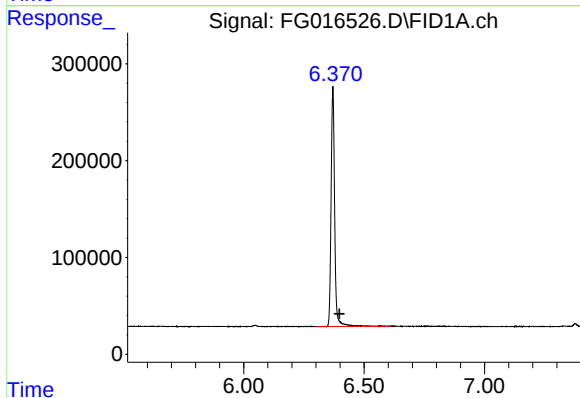
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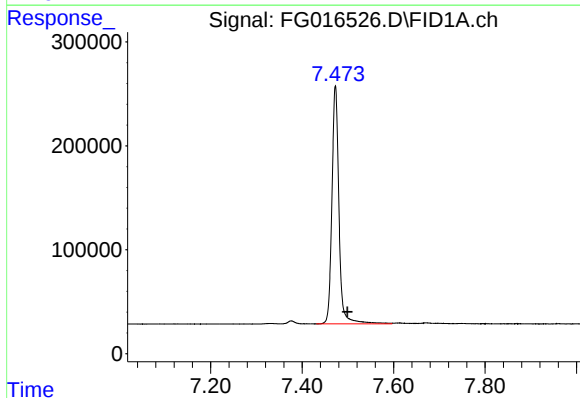
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.688 min
Delta R.T.: -0.031 min
Response: 2521296
Conc: 20.58 ug/ml



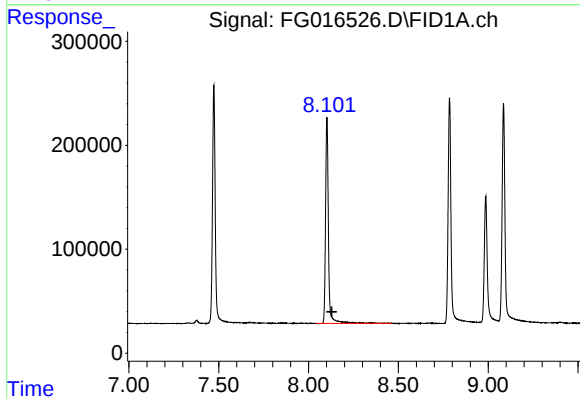
#2 Naphthalene (C11.7)

R.T.: 6.370 min
Delta R.T.: -0.027 min
Response: 2568530
Conc: 19.81 ug/ml



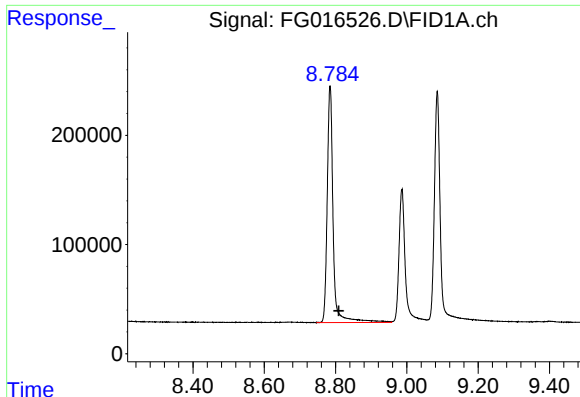
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.473 min
Delta R.T.: -0.026 min
Response: 2450919
Conc: 18.55 ug/ml



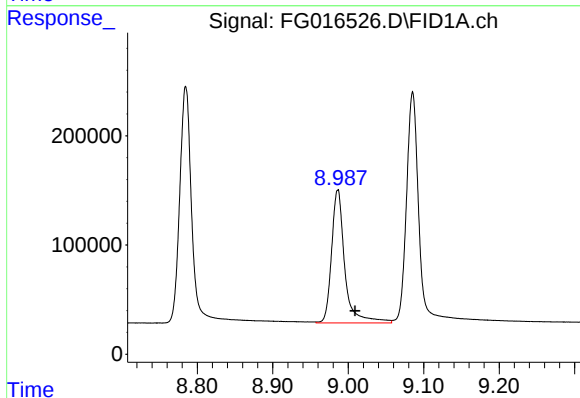
#4 2-Bromonaphthalene (SURR)

R.T.: 8.102 min
Delta R.T.: -0.026 min
Response: 2255342
Conc: 19.99 ug/ml



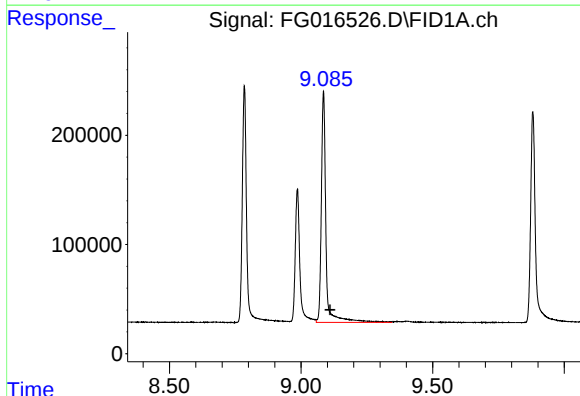
#5 Acenaphthylene (C15.06)

R.T.: 8.785 min
Delta R.T.: -0.024 min
Response: 2499276
Conc: 19.10 ug/ml



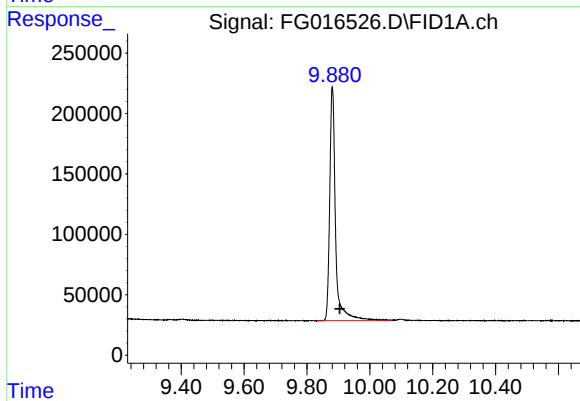
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.986 min
Delta R.T.: -0.023 min
Response: 1490122
Conc: 19.10 ug/ml



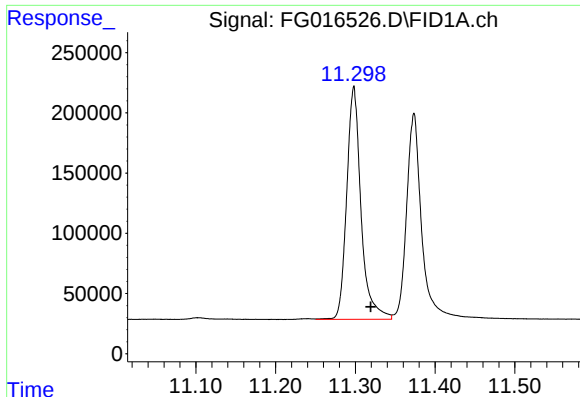
#7 Acenaphthene (C15.5)

R.T.: 9.085 min
Delta R.T.: -0.025 min
Response: 2589578
Conc: 19.87 ug/ml



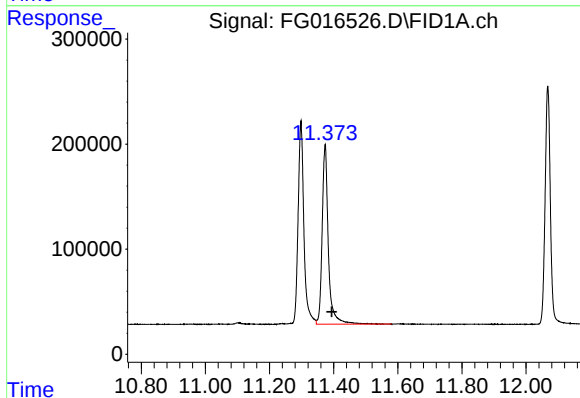
#8 Fluorene (C16.55)

R.T.: 9.881 min
Delta R.T.: -0.023 min
Response: 2514672
Conc: 19.27 ug/ml



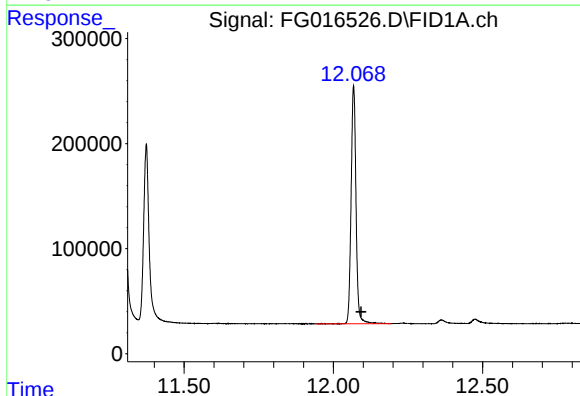
#9 Phenanthrene (C19.36)

R.T.: 11.298 min
Delta R.T.: -0.021 min
Response: 2413998
Conc: 18.50 ug/ml



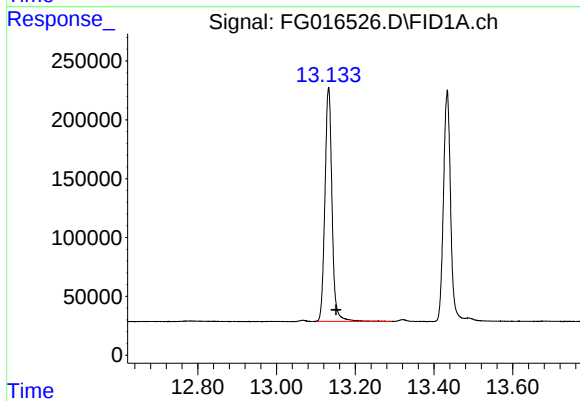
#10 Anthracene (C19.43)

R.T.: 11.373 min
Delta R.T.: -0.021 min
Response: 2282487
Conc: 17.47 ug/ml



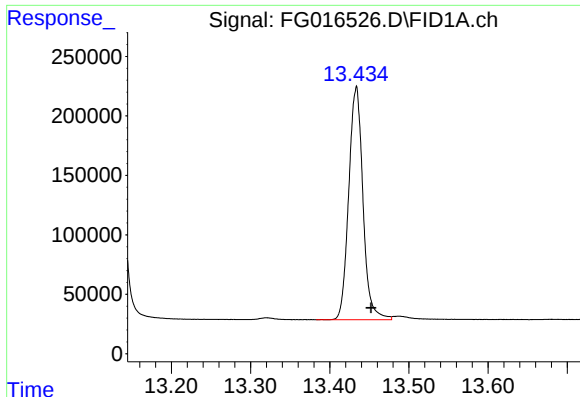
#11 ortho-Terphenyl (SURR)

R.T.: 12.068 min
Delta R.T.: -0.025 min
Response: 2596230
Conc: 19.49 ug/ml



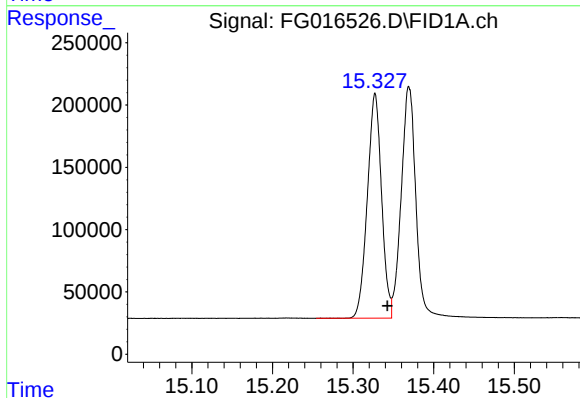
#12 Fluoranthene (C21.85)

R.T.: 13.132 min
Delta R.T.: -0.019 min
Response: 2479040
Conc: 18.90 ug/ml



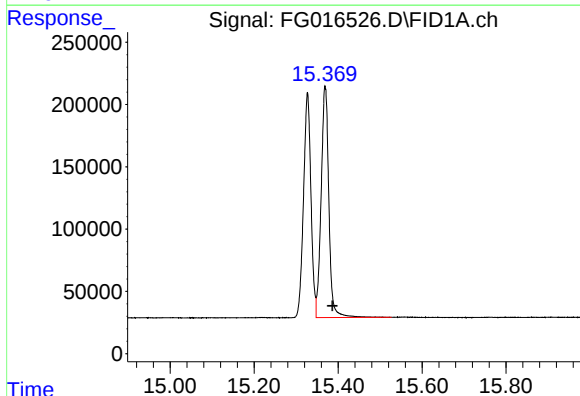
#13 Pyrene (C20.8)

R.T.: 13.433 min
Delta R.T.: -0.019 min
Response: 2444317
Conc: 18.82 ug/ml



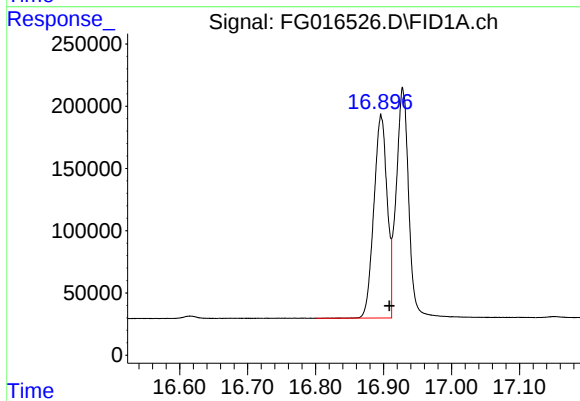
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.327 min
Delta R.T.: -0.015 min
Response: 2210602
Conc: 17.27 ug/ml



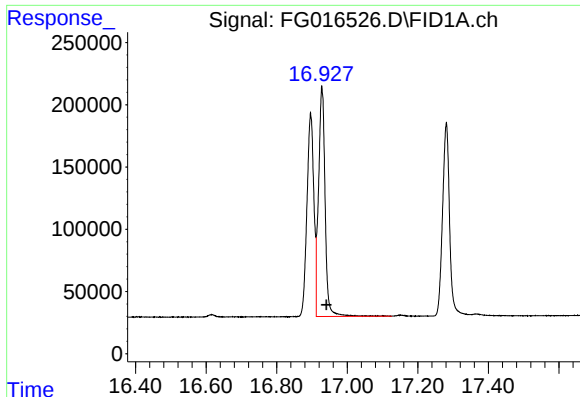
#15 Chrysene (C27.41)

R.T.: 15.369 min
Delta R.T.: -0.017 min
Response: 2365855
Conc: 18.34 ug/ml



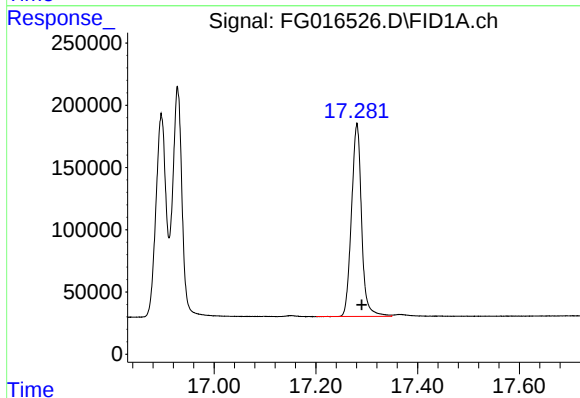
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.896 min
Delta R.T.: -0.012 min
Response: 2204895
Conc: 17.22 ug/ml



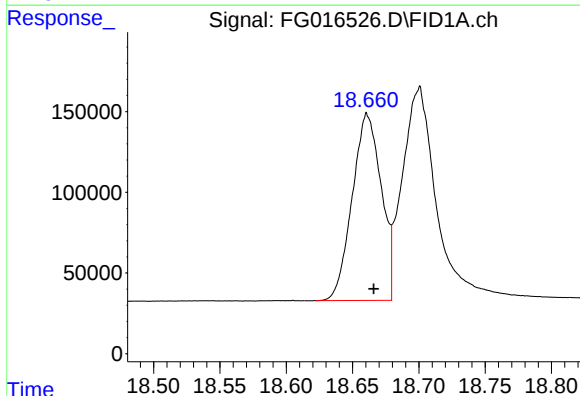
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.928 min
Delta R.T.: -0.013 min
Response: 2399603
Conc: 19.97 ug/ml



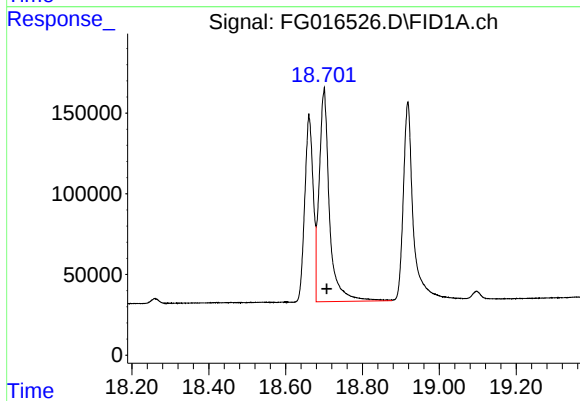
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.281 min
Delta R.T.: -0.010 min
Response: 2137306
Conc: 17.15 ug/ml



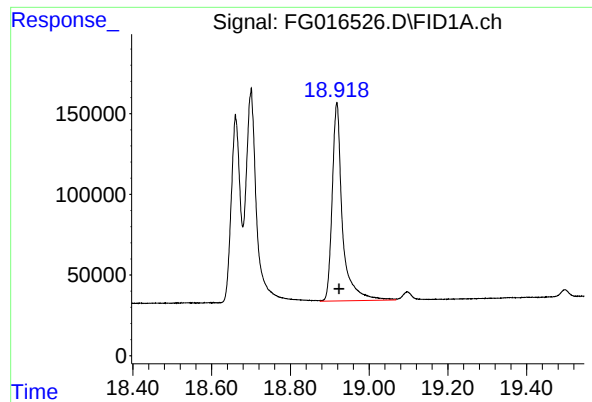
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.661 min
Delta R.T.: -0.005 min
Response: 1758511
Conc: 15.29 ug/ml



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

R.T.: 18.700 min
Delta R.T.: -0.007 min
Response: 2463653
Conc: 20.40 ug/ml



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

R.T.: 18.918 min
Delta R.T.: -0.006 min
Response: 2225104
Conc: 18.63 ug/ml