

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090825AR\
 Data File : FG016569.D
 Signal(s) : FID1A.ch
 Acq On : 08 Sep 2025 16:22
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 09 03:59:43 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...	8.104	2096738	18.581 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
6) S 2-Fluorobiphenyl (SURR)	8.989	1380979	17.698 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.40%
11) S ortho-Terphenyl (SURR)	12.070	2540340	19.072 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.688	2402872	19.609 ug/ml
2) T Naphthalene (C11.7)	6.372	2493622	19.231 ug/ml
3) T 2-Methylnaphthalene (...)	7.475	2445707	18.515 ug/ml
5) T Acenaphthylene (C15.06)	8.787	2412785	18.437 ug/ml
7) T Acenaphthene (C15.5)	9.088	2578992	19.787 ug/ml
8) T Flouorene (C16.55)	9.883	2397133	18.367 ug/ml
9) T Phenanthrene (C19.36)	11.301	2343790	17.962 ug/ml
10) T Anthracene (C19.43)	11.377	2375157	18.177 ug/ml
12) T Fluoranthene (C21.85)	13.137	2389994	18.223 ug/ml
13) T Pyrene (C20.8)	13.439	2335169	17.980 ug/ml
14) T Benzo[a]anthracene (C...	15.333	2105942	16.452 ug/ml
15) T Chrysene (C27.41)	15.375	2311335	17.915 ug/ml
16) T benzo[b]fluoranthene ...	16.903	2206310	17.230 ug/ml
17) T Bnezo[k]fluoranthene ...	16.934	2253017	18.751 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.287	2214309	17.771 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.670	1792047	15.579 ug/ml
20) T Dibenz[a,h]anthracene...	18.707	2319575	19.208 ug/ml
21) T Benzo[g,h,i]perylene ...	18.927	2303735	19.290 ug/ml

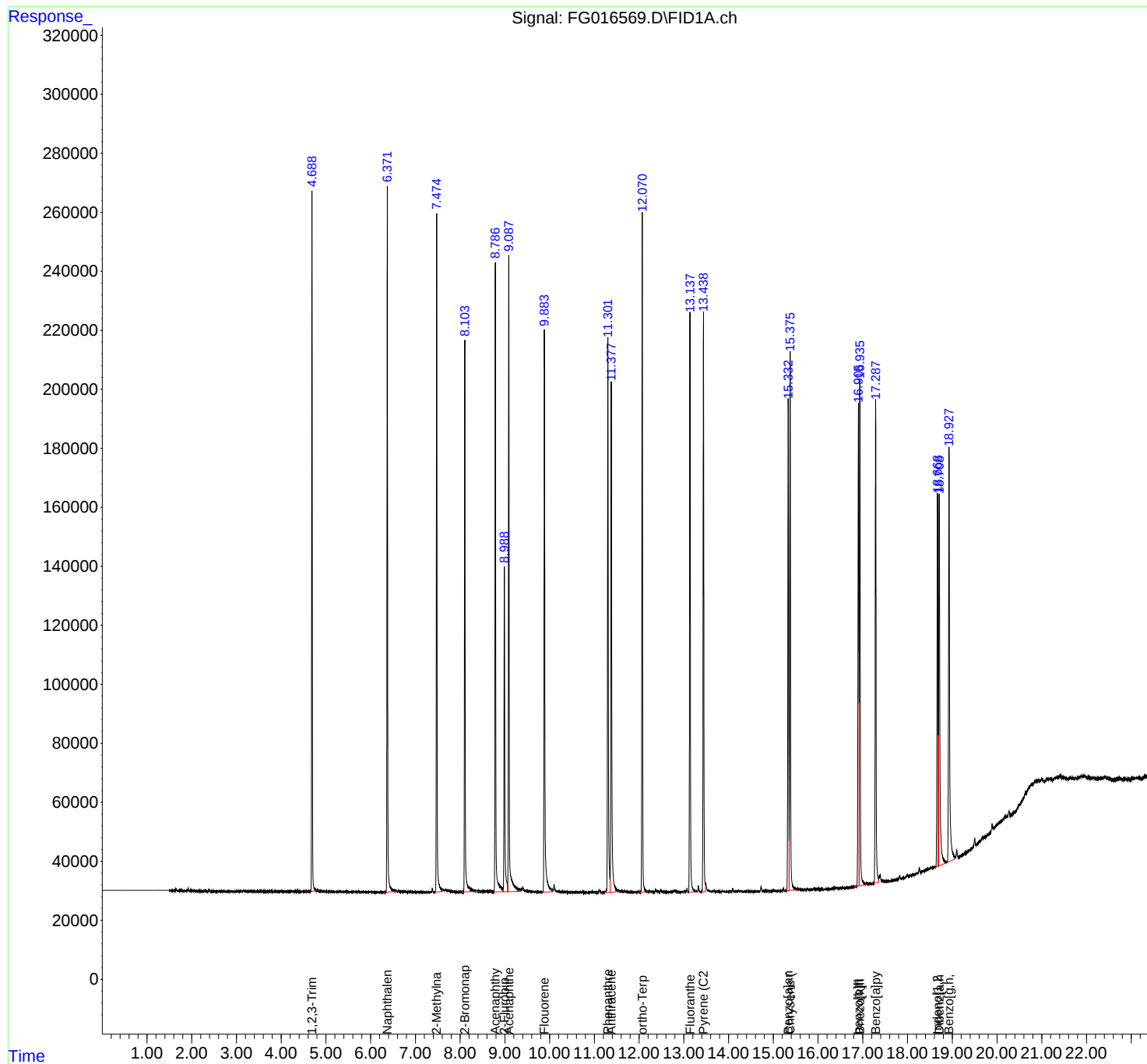
(f)=RT Delta > 1/2 Window

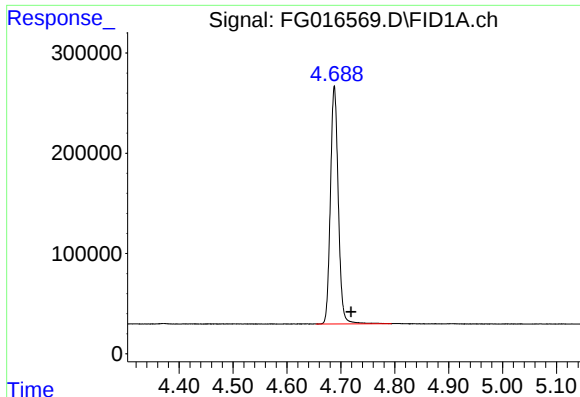
(m)=manual int.

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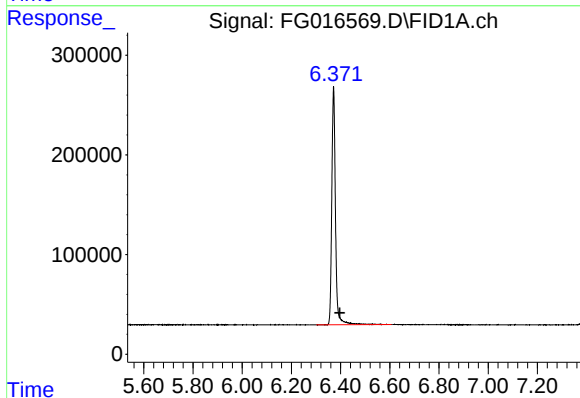
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





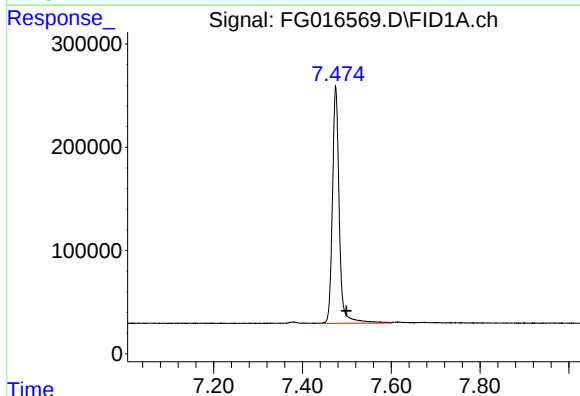
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.688 min
Delta R.T.: -0.031 min
Response: 2402872
Conc: 19.61 ug/ml



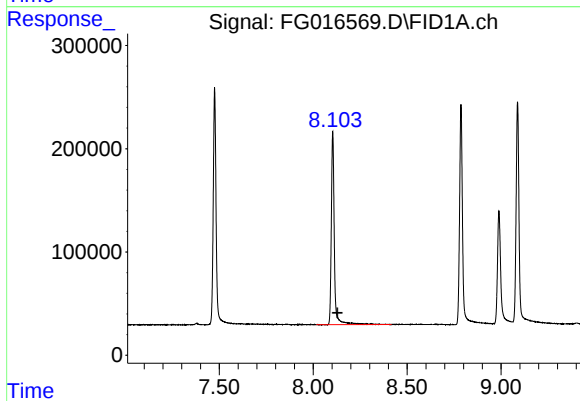
#2 Naphthalene (C11.7)

R.T.: 6.372 min
Delta R.T.: -0.026 min
Response: 2493622
Conc: 19.23 ug/ml



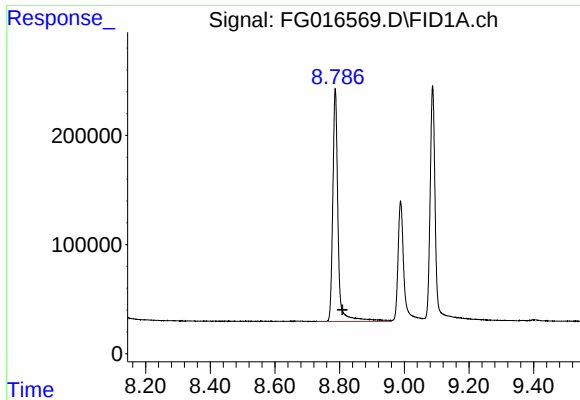
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.475 min
Delta R.T.: -0.024 min
Response: 2445707
Conc: 18.52 ug/ml



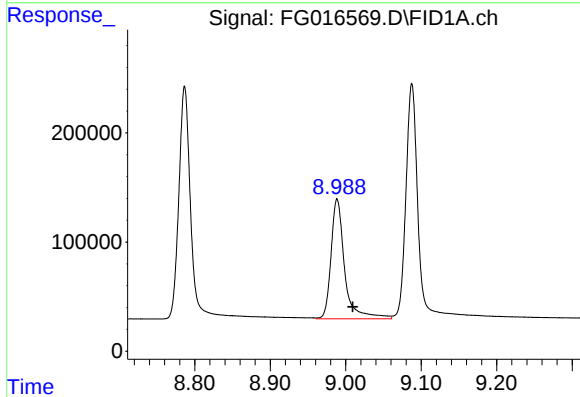
#4 2-Bromonaphthalene (SURR)

R.T.: 8.104 min
Delta R.T.: -0.025 min
Response: 2096738
Conc: 18.58 ug/ml



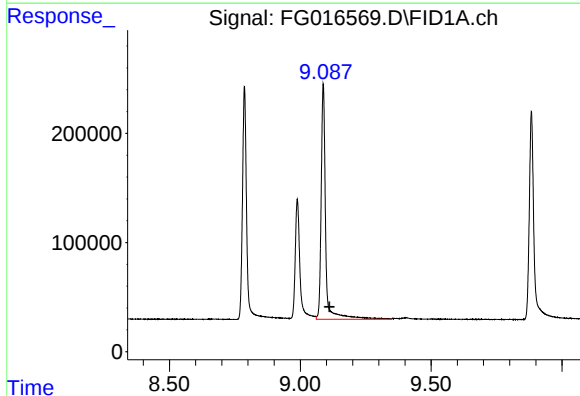
#5 Acenaphthylene (C15.06)

R.T.: 8.787 min
Delta R.T.: -0.023 min
Response: 2412785
Conc: 18.44 ug/ml



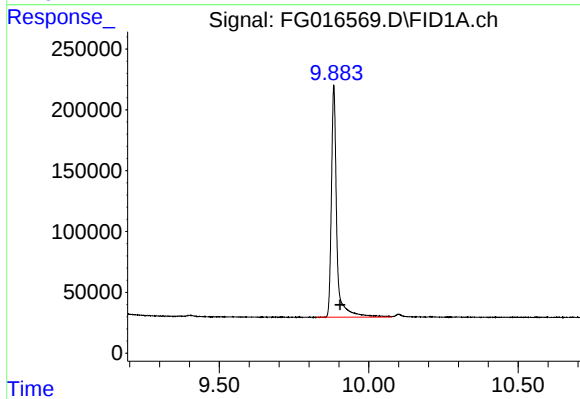
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.989 min
Delta R.T.: -0.021 min
Response: 1380979
Conc: 17.70 ug/ml



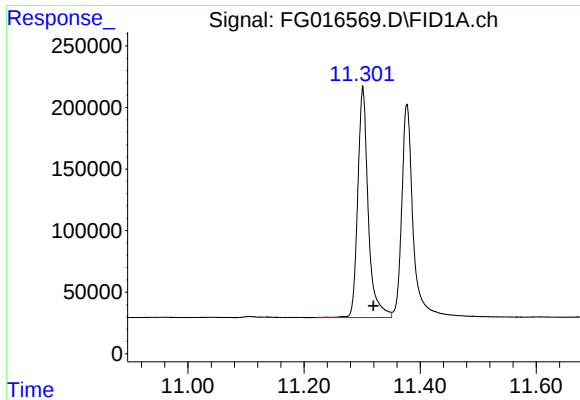
#7 Acenaphthene (C15.5)

R.T.: 9.088 min
Delta R.T.: -0.023 min
Response: 2578992
Conc: 19.79 ug/ml



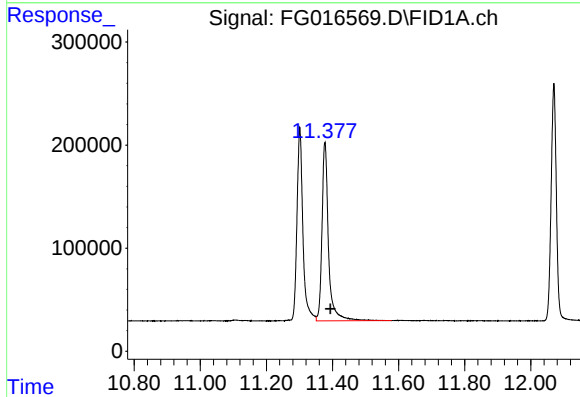
#8 Fluorene (C16.55)

R.T.: 9.883 min
Delta R.T.: -0.021 min
Response: 2397133
Conc: 18.37 ug/ml



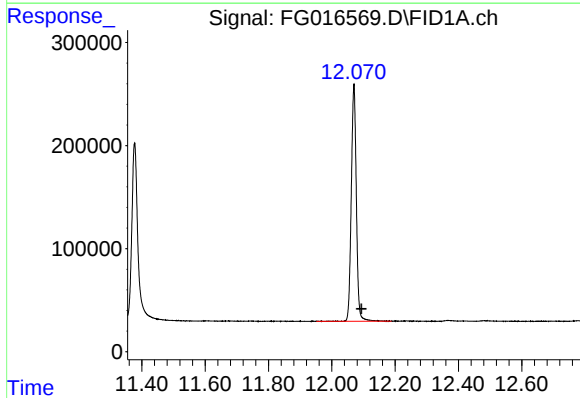
#9 Phenanthrene (C19.36)

R.T.: 11.301 min
Delta R.T.: -0.018 min
Response: 2343790
Conc: 17.96 ug/ml



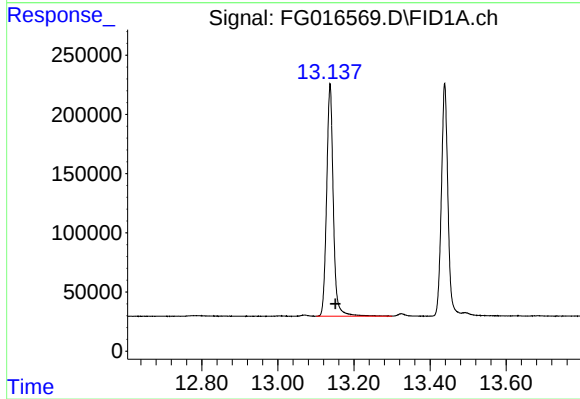
#10 Anthracene (C19.43)

R.T.: 11.377 min
Delta R.T.: -0.017 min
Response: 2375157
Conc: 18.18 ug/ml



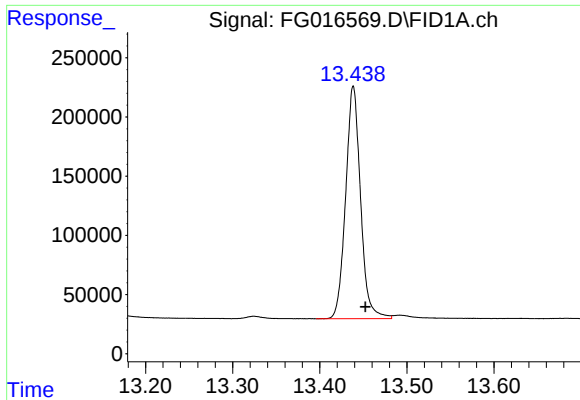
#11 ortho-Terphenyl (SURR)

R.T.: 12.070 min
Delta R.T.: -0.023 min
Response: 2540340
Conc: 19.07 ug/ml



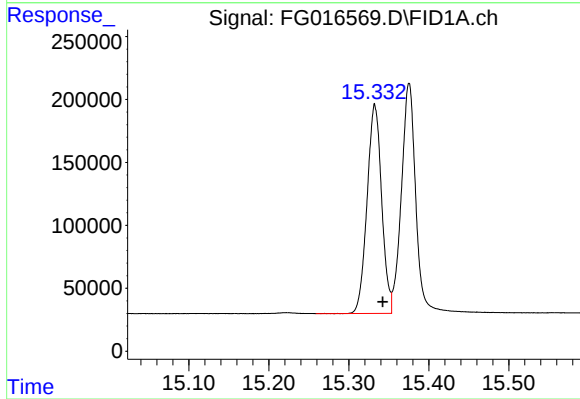
#12 Fluoranthene (C21.85)

R.T.: 13.137 min
Delta R.T.: -0.014 min
Response: 2389994
Conc: 18.22 ug/ml



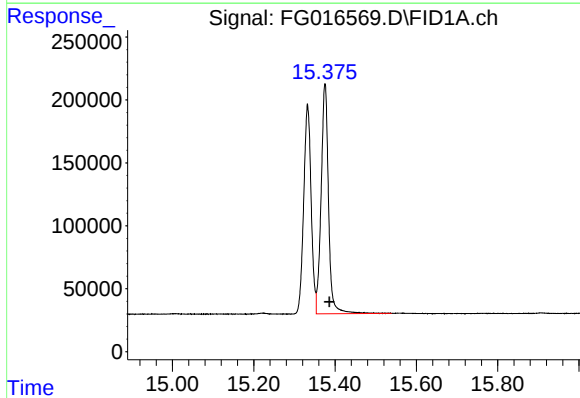
#13 Pyrene (C20.8)

R.T.: 13.439 min
Delta R.T.: -0.014 min
Response: 2335169
Conc: 17.98 ug/ml



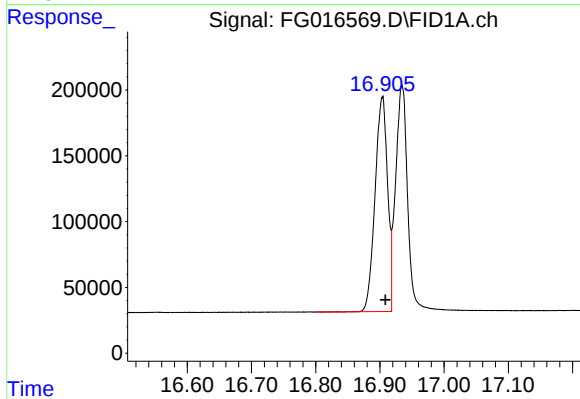
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.333 min
Delta R.T.: -0.010 min
Response: 2105942
Conc: 16.45 ug/ml



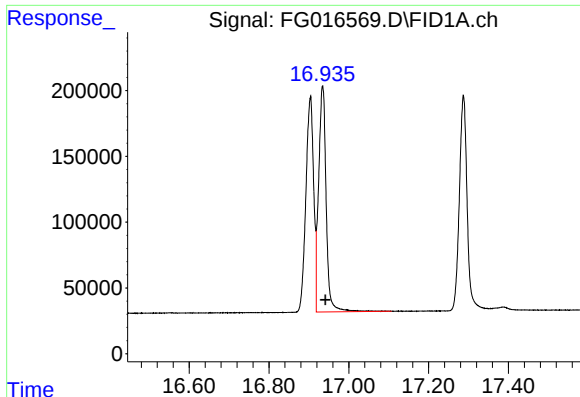
#15 Chrysene (C27.41)

R.T.: 15.375 min
Delta R.T.: -0.011 min
Response: 2311335
Conc: 17.92 ug/ml



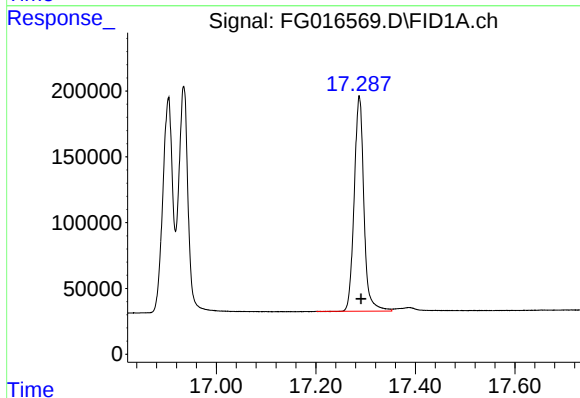
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.903 min
Delta R.T.: -0.005 min
Response: 2206310
Conc: 17.23 ug/ml



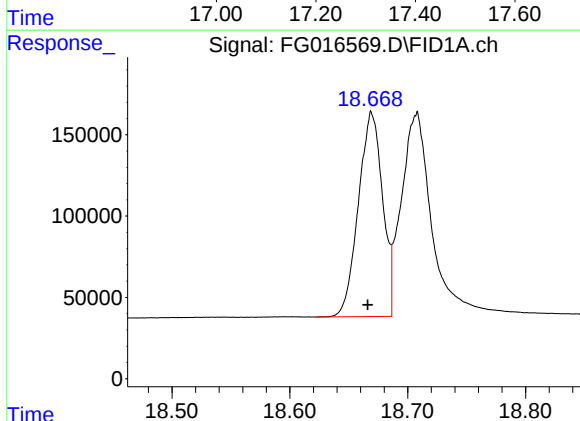
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.934 min
Delta R.T.: -0.007 min
Response: 2253017
Conc: 18.75 ug/ml



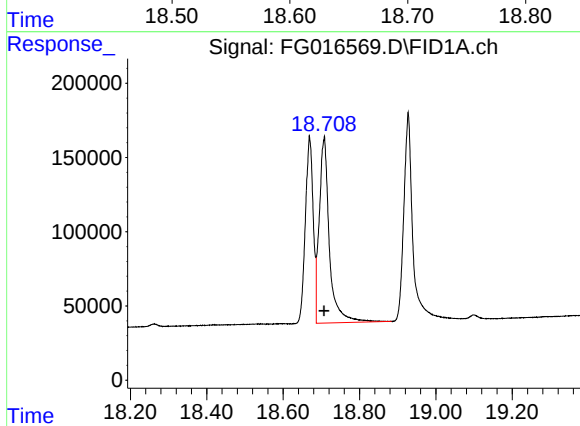
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.287 min
Delta R.T.: -0.003 min
Response: 2214309
Conc: 17.77 ug/ml



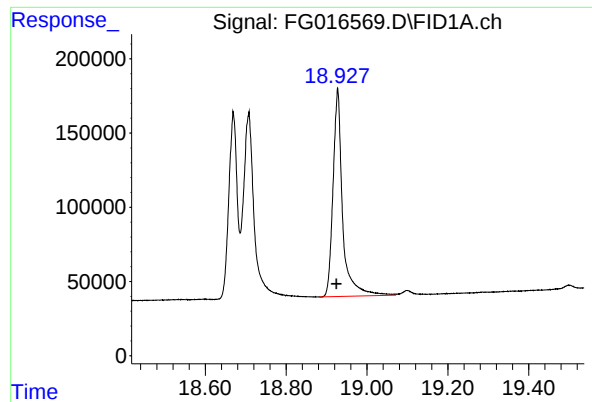
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.670 min
Delta R.T.: 0.003 min
Response: 1792047
Conc: 15.58 ug/ml



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

R.T.: 18.707 min
Delta R.T.: 0.000 min
Response: 2319575
Conc: 19.21 ug/ml



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

R.T.: 18.927 min
Delta R.T.: 0.003 min
Response: 2303735
Conc: 19.29 ug/ml