

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090325AR\
 Data File : FG016532.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 20:38
 Operator : YP\AJ
 Sample : Q2893-07
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 02:51:23 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...	8.103	5283389	46.820 ug/ml
Spiked Amount 50.000		Recovery =	93.64%
6) S 2-Fluorobiphenyl (SURR)	8.986	3231370	41.413 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.83%
11) S ortho-Terphenyl (SURR)	12.069	5556956	41.721 ug/ml
Spiked Amount 50.000		Recovery =	83.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.687	243835	1.990 ug/ml
2) T Naphthalene (C11.7)	6.370	265316	2.046 ug/ml
3) T 2-Methylnaphthalene (...)	7.472	245404	1.858 ug/ml
5) T Acenaphthylene (C15.06)	8.783	268596	2.052 ug/ml
7) T Acenaphthene (C15.5)	9.083	439009	3.368 ug/ml
8) T Flouorene (C16.55)	9.880	286611	2.196 ug/ml
9) T Phenanthrene (C19.36)	11.298	244571	1.874 ug/ml
10) T Anthracene (C19.43)	11.374	255978	1.959 ug/ml
12) T Fluoranthene (C21.85)	13.130	287322	2.191 ug/ml
13) T Pyrene (C20.8)	13.431	281305	2.166 ug/ml
14) T Benzo[a]anthracene (C...	15.331	251823	1.967 ug/ml
15) T Chrysene (C27.41)	15.372	374353	2.902 ug/ml
16) T benzo[b]fluoranthene ...	16.897	224430	1.753 ug/ml
17) T Bnezo[k]fluoranthene ...	16.928	342949	2.854 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.283	276040	2.215 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.664	230656	2.005 ug/ml
20) T Dibenz[a,h]anthracene...	18.702	391607	3.243 ug/ml
21) T Benzo[g,h,i]perylene ...	18.917	309236	2.589 ug/ml

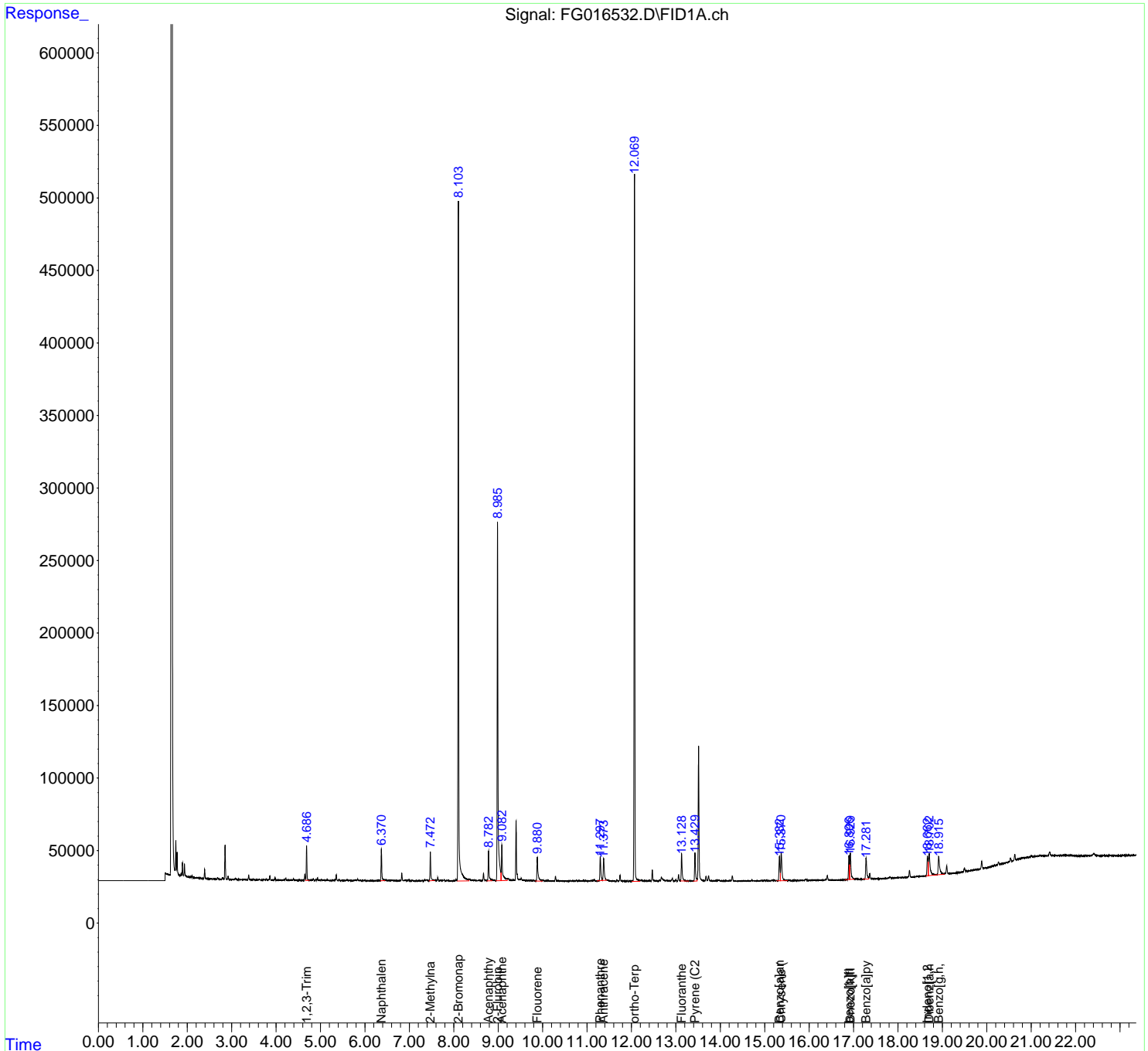
(f)=RT Delta > 1/2 Window

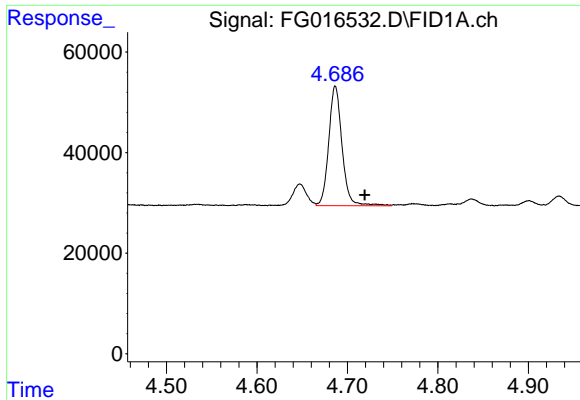
(m)=manual int.

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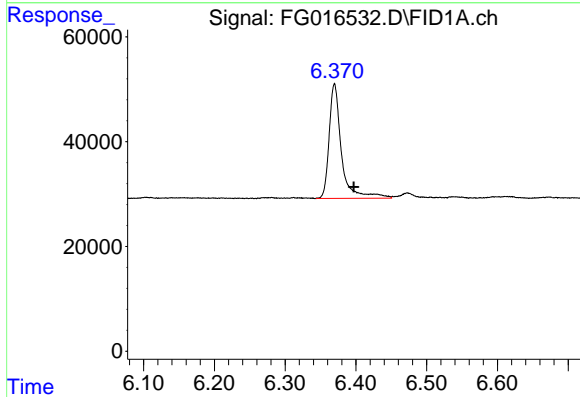
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 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm





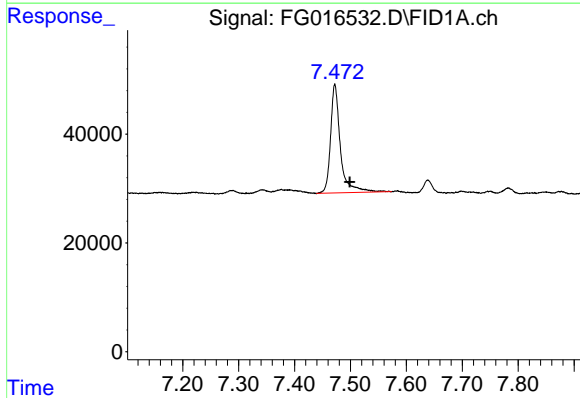
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.687 min
Delta R.T.: -0.032 min
Response: 243835
Conc: 1.99 ug/ml



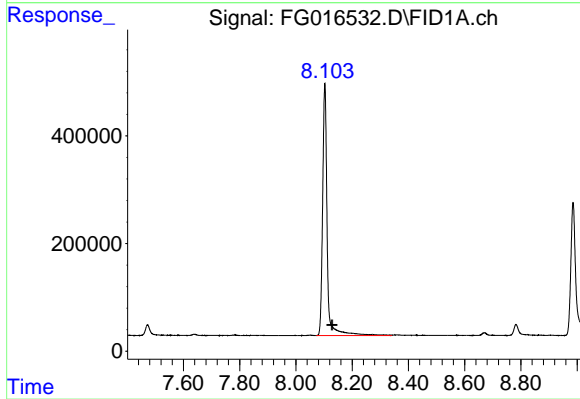
#2 Naphthalene (C11.7)

R.T.: 6.370 min
Delta R.T.: -0.027 min
Response: 265316
Conc: 2.05 ug/ml



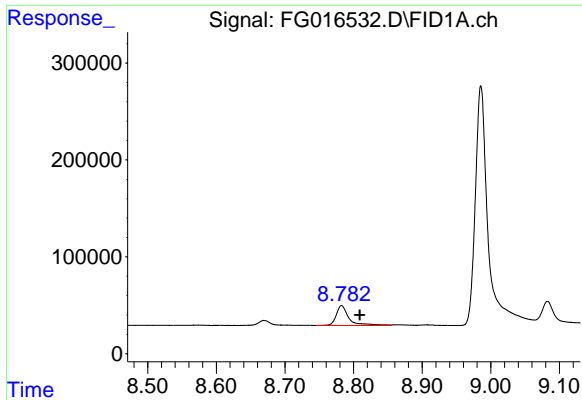
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.472 min
Delta R.T.: -0.027 min
Response: 245404
Conc: 1.86 ug/ml



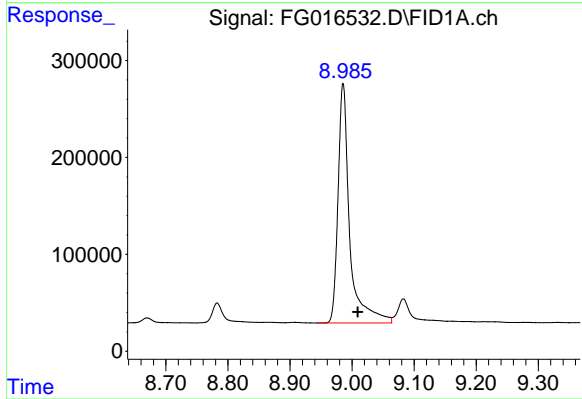
#4 2-Bromonaphthalene (SURR)

R.T.: 8.103 min
Delta R.T.: -0.026 min
Response: 5283389
Conc: 46.82 ug/ml



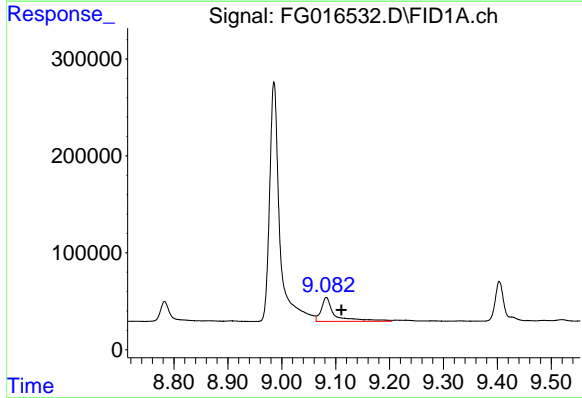
#5 Acenaphthylene (C15.06)

R.T.: 8.783 min
Delta R.T.: -0.026 min
Response: 268596
Conc: 2.05 ug/ml



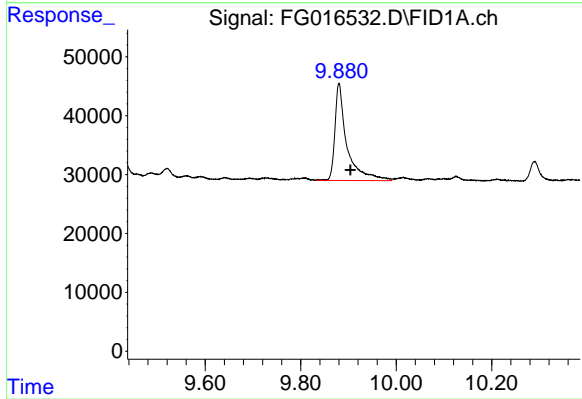
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.986 min
Delta R.T.: -0.024 min
Response: 3231370
Conc: 41.41 ug/ml



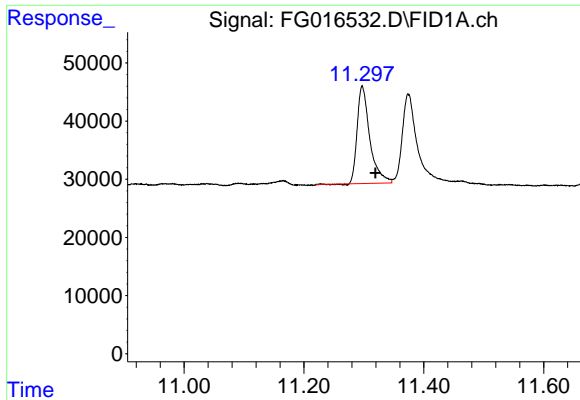
#7 Acenaphthene (C15.5)

R.T.: 9.083 min
Delta R.T.: -0.028 min
Response: 439009
Conc: 3.37 ug/ml

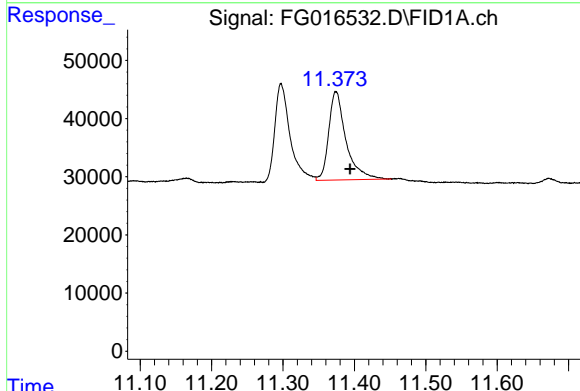


#8 Fluorene (C16.55)

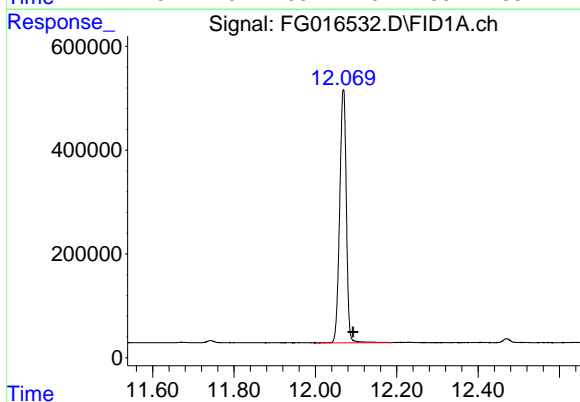
R.T.: 9.880 min
Delta R.T.: -0.024 min
Response: 286611
Conc: 2.20 ug/ml



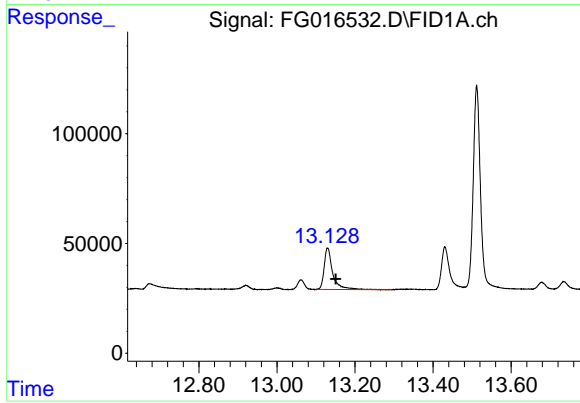
#9 Phenanthrene (C19.36)
R.T.: 11.298 min
Delta R.T.: -0.022 min
Response: 244571
Conc: 1.87 ug/ml



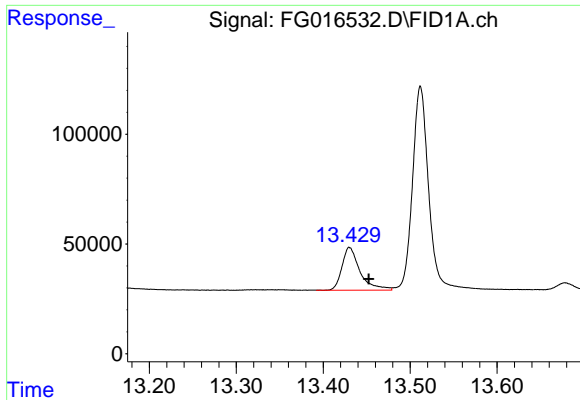
#10 Anthracene (C19.43)
R.T.: 11.374 min
Delta R.T.: -0.020 min
Response: 255978
Conc: 1.96 ug/ml



#11 ortho-Terphenyl (SURR)
R.T.: 12.069 min
Delta R.T.: -0.024 min
Response: 5556956
Conc: 41.72 ug/ml

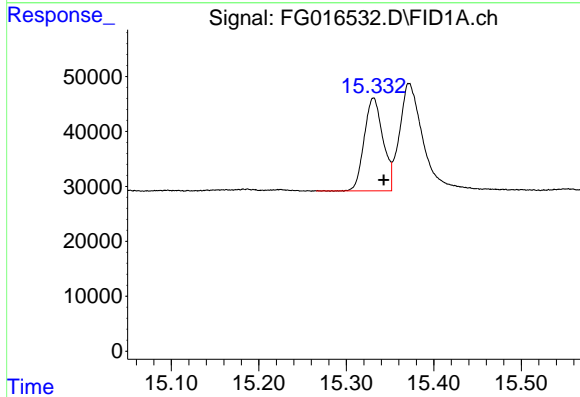


#12 Fluoranthene (C21.85)
R.T.: 13.130 min
Delta R.T.: -0.021 min
Response: 287322
Conc: 2.19 ug/ml



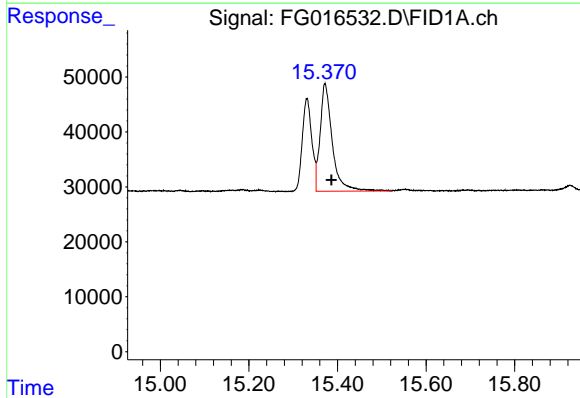
#13 Pyrene (C20.8)

R.T.: 13.431 min
 Delta R.T.: -0.022 min
 Response: 281305
 Conc: 2.17 ug/ml



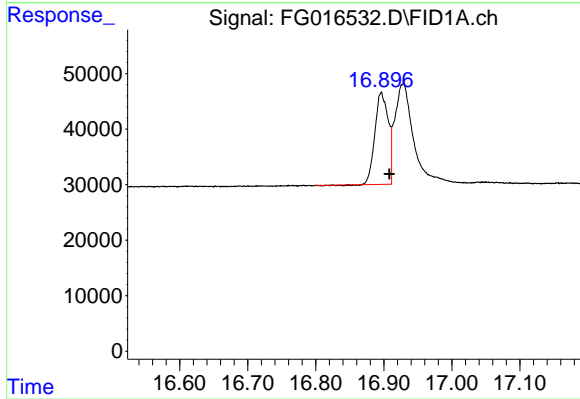
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.331 min
 Delta R.T.: -0.012 min
 Response: 251823
 Conc: 1.97 ug/ml



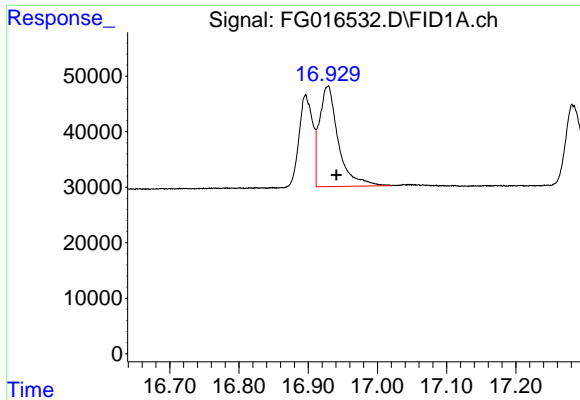
#15 Chrysene (C27.41)

R.T.: 15.372 min
 Delta R.T.: -0.014 min
 Response: 374353
 Conc: 2.90 ug/ml



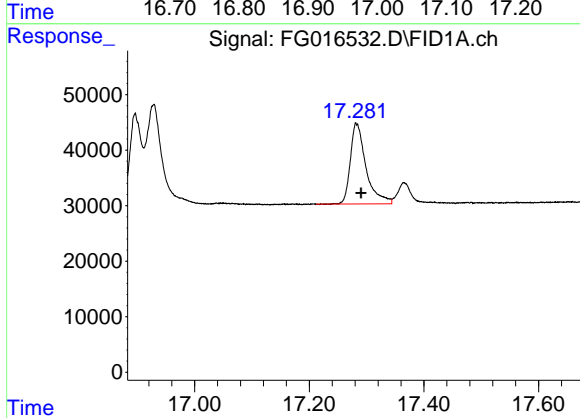
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.897 min
 Delta R.T.: -0.012 min
 Response: 224430
 Conc: 1.75 ug/ml



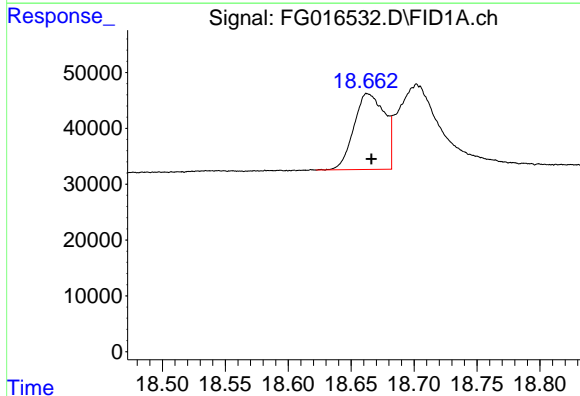
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.928 min
Delta R.T.: -0.013 min
Response: 342949
Conc: 2.85 ug/ml



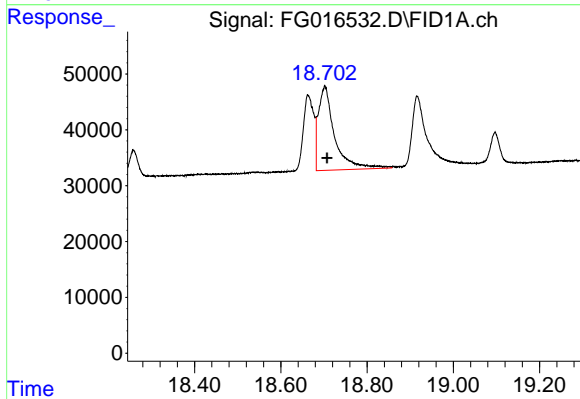
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.283 min
Delta R.T.: -0.008 min
Response: 276040
Conc: 2.22 ug/ml



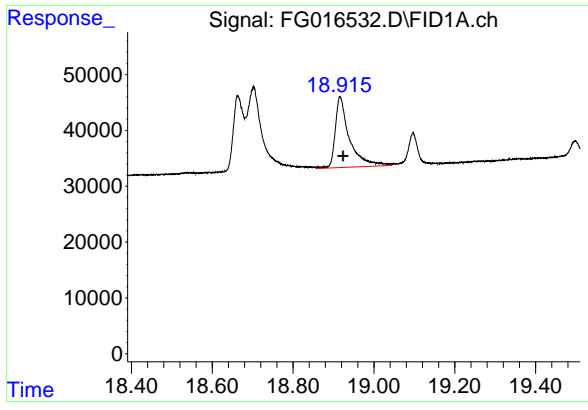
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.664 min
Delta R.T.: -0.002 min
Response: 230656
Conc: 2.01 ug/ml



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

R.T.: 18.702 min
Delta R.T.: -0.005 min
Response: 391607
Conc: 3.24 ug/ml



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

R.T.: 18.917 min
Delta R.T.: -0.007 min
Response: 309236
Conc: 2.59 ug/ml