

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090325AR\
 Data File : FG016529.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 19:09
 Operator : YP\AJ
 Sample : Q2893-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 02:49:54 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	5215921	46.222 ug/ml
Spiked Amount 50.000		Recovery =	92.44%
6) S 2-Fluorobiphenyl (SURR)	8.986	3210924	41.151 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.30%
11) S ortho-Terphenyl (SURR)	12.070	5566029	41.789 ug/ml
Spiked Amount 50.000		Recovery =	83.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.687	240111	1.959 ug/ml
2) T Naphthalene (C11.7)	6.370	251316	1.938 ug/ml
3) T 2-Methylnaphthalene (...)	7.473	243702	1.845 ug/ml
5) T Acenaphthylene (C15.06)	8.783	269651	2.060 ug/ml
7) T Acenaphthene (C15.5)	9.083	389920	2.992 ug/ml
8) T Flouorene (C16.55)	9.881	290043	2.222 ug/ml
9) T Phenanthrene (C19.36)	11.298	263193	2.017 ug/ml
10) T Anthracene (C19.43)	11.374	302408	2.314 ug/ml
12) T Fluoranthene (C21.85)	13.131	293036	2.234 ug/ml
13) T Pyrene (C20.8)	13.431	287913	2.217 ug/ml
14) T Benzo[a]anthracene (C...	15.330	253290	1.979 ug/ml
15) T Chrysene (C27.41)	15.373	374096	2.900 ug/ml
16) T benzo[b]fluoranthene ...	16.898	229065	1.789 ug/ml
17) T Bnezo[k]fluoranthene ...	16.928	334413	2.783 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.283	268927	2.158 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.665	219158	1.905 ug/ml
20) T Dibenz[a,h]anthracene...	18.702	367639	3.044 ug/ml
21) T Benzo[g,h,i]perylene ...	18.917	289625	2.425 ug/ml

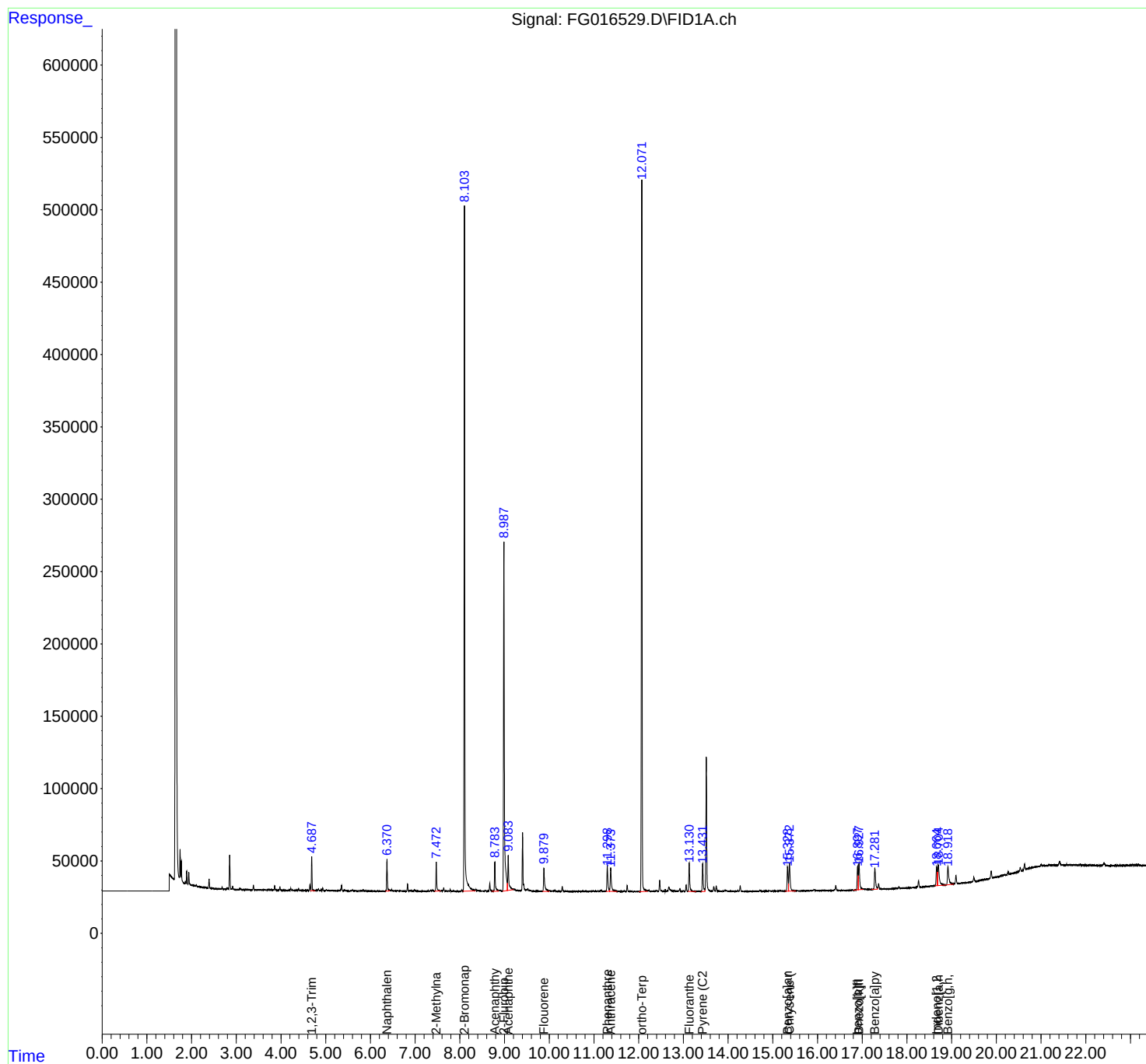
(f)=RT Delta > 1/2 Window

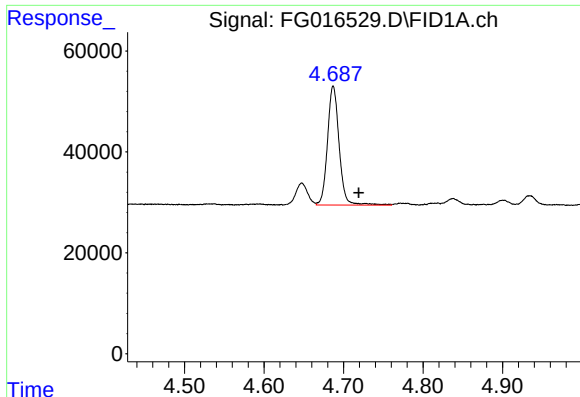
(m)=manual int.

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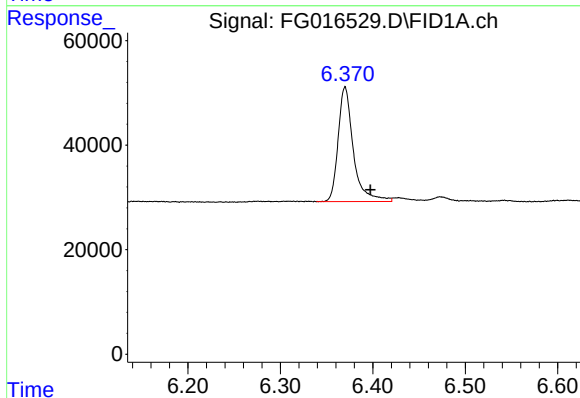
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





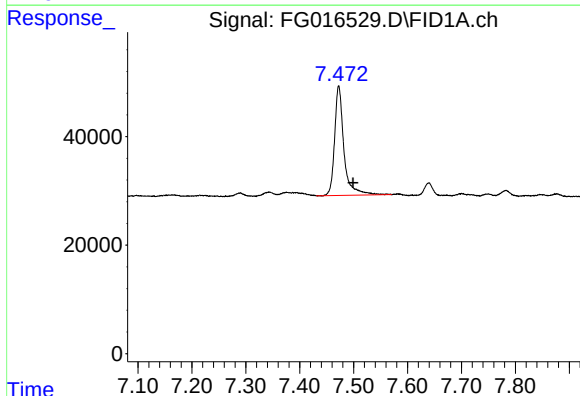
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.687 min
Delta R.T.: -0.032 min
Response: 240111
Conc: 1.96 ug/ml



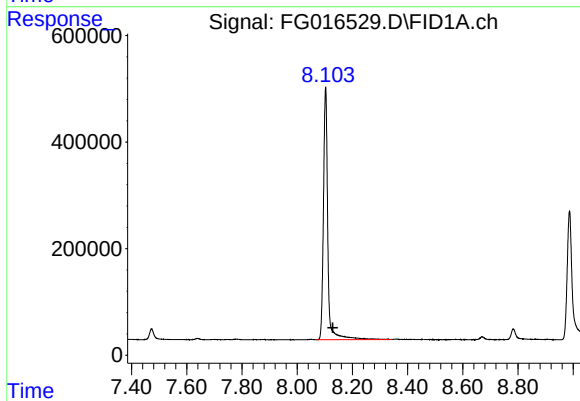
#2 Naphthalene (C11.7)

R.T.: 6.370 min
Delta R.T.: -0.027 min
Response: 251316
Conc: 1.94 ug/ml



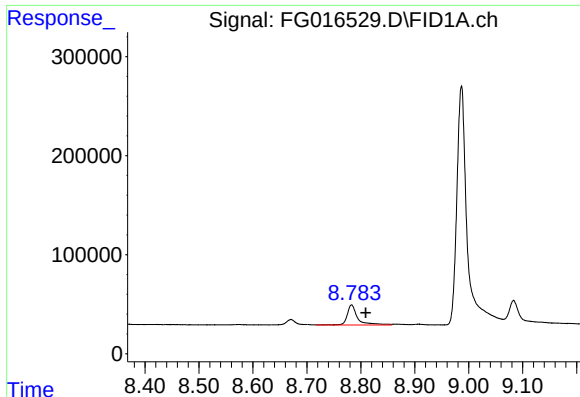
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.473 min
Delta R.T.: -0.026 min
Response: 243702
Conc: 1.84 ug/ml



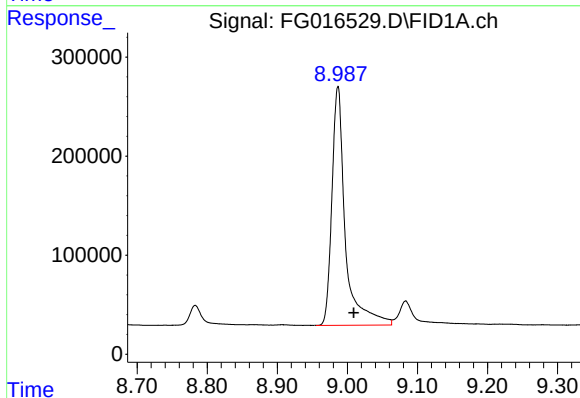
#4 2-Bromonaphthalene (SURR)

R.T.: 8.103 min
Delta R.T.: -0.026 min
Response: 5215921
Conc: 46.22 ug/ml



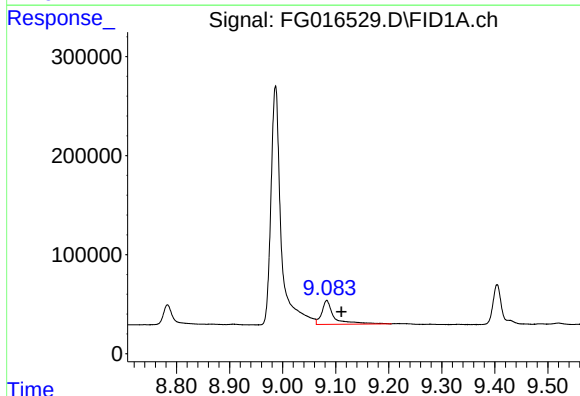
#5 Acenaphthylene (C15.06)

R.T.: 8.783 min
Delta R.T.: -0.026 min
Response: 269651
Conc: 2.06 ug/ml



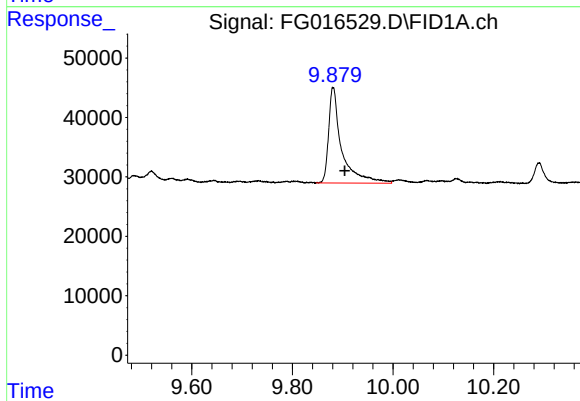
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.986 min
Delta R.T.: -0.023 min
Response: 3210924
Conc: 41.15 ug/ml



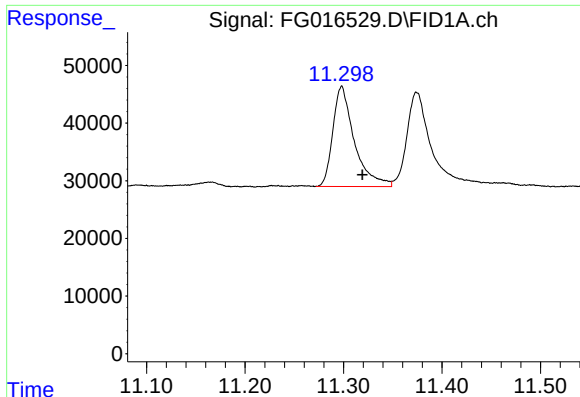
#7 Acenaphthene (C15.5)

R.T.: 9.083 min
Delta R.T.: -0.027 min
Response: 389920
Conc: 2.99 ug/ml



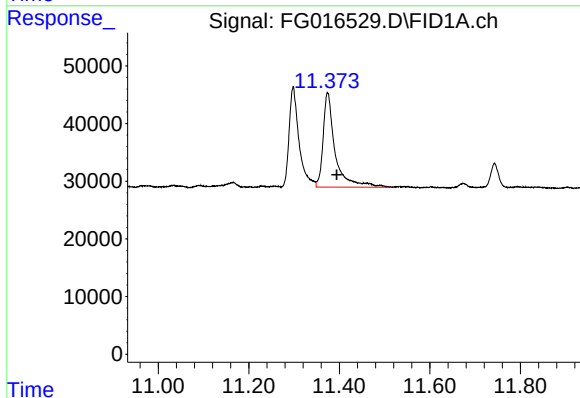
#8 Fluorene (C16.55)

R.T.: 9.881 min
Delta R.T.: -0.023 min
Response: 290043
Conc: 2.22 ug/ml



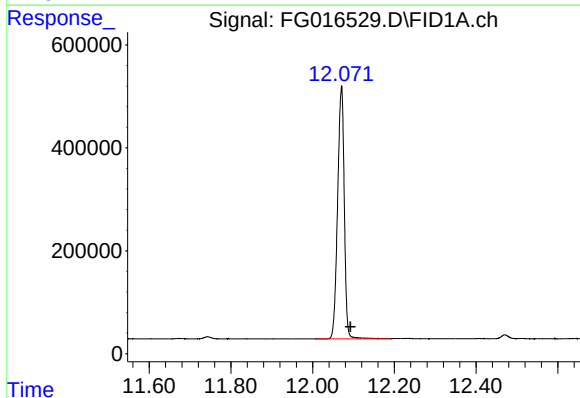
#9 Phenanthrene (C19.36)

R.T.: 11.298 min
Delta R.T.: -0.021 min
Response: 263193
Conc: 2.02 ug/ml



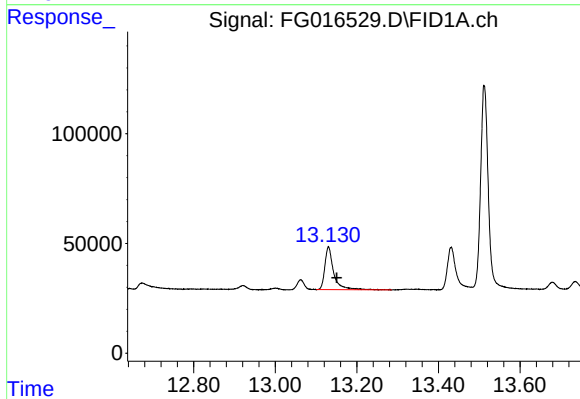
#10 Anthracene (C19.43)

R.T.: 11.374 min
Delta R.T.: -0.020 min
Response: 302408
Conc: 2.31 ug/ml



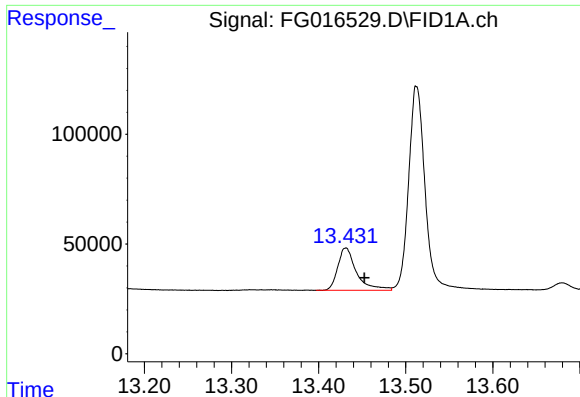
#11 ortho-Terphenyl (SURR)

R.T.: 12.070 min
Delta R.T.: -0.023 min
Response: 5566029
Conc: 41.79 ug/ml



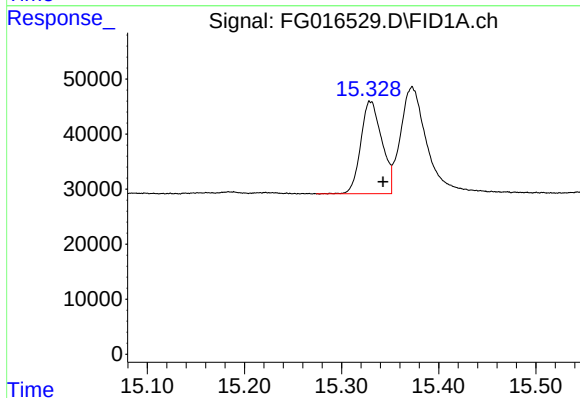
#12 Fluoranthene (C21.85)

R.T.: 13.131 min
Delta R.T.: -0.020 min
Response: 293036
Conc: 2.23 ug/ml



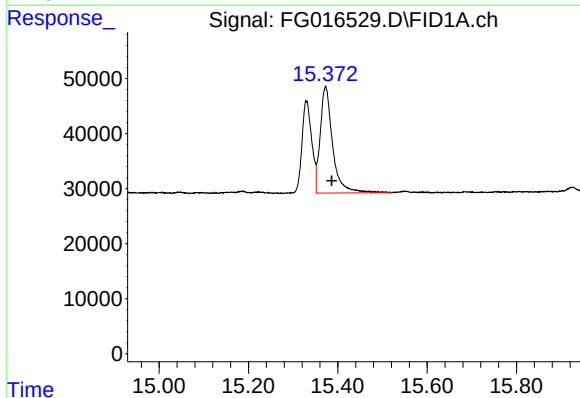
#13 Pyrene (C20.8)

R.T.: 13.431 min
Delta R.T.: -0.021 min
Response: 287913
Conc: 2.22 ug/ml



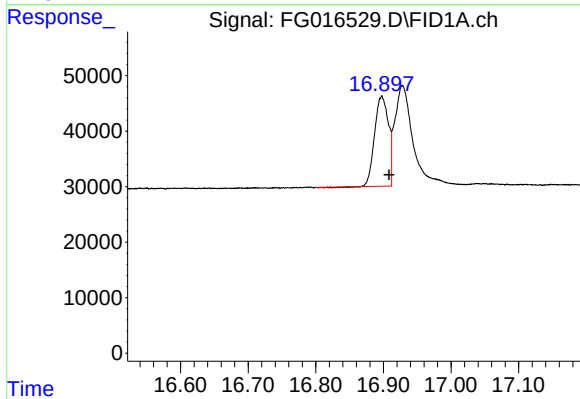
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.330 min
Delta R.T.: -0.013 min
Response: 253290
Conc: 1.98 ug/ml



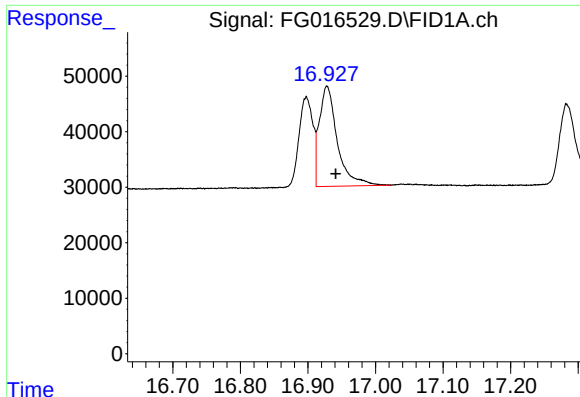
#15 Chrysene (C27.41)

R.T.: 15.373 min
Delta R.T.: -0.014 min
Response: 374096
Conc: 2.90 ug/ml



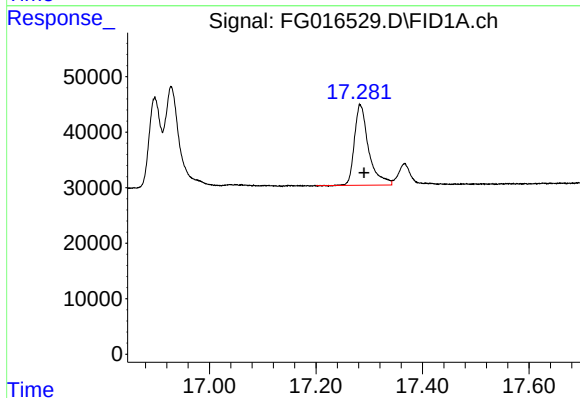
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.898 min
Delta R.T.: -0.011 min
Response: 229065
Conc: 1.79 ug/ml



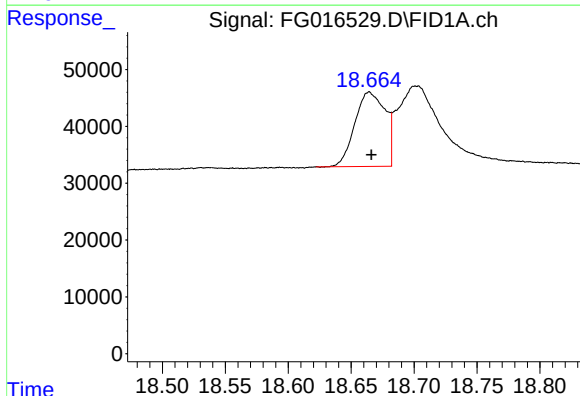
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.928 min
Delta R.T.: -0.013 min
Response: 334413
Conc: 2.78 ug/ml



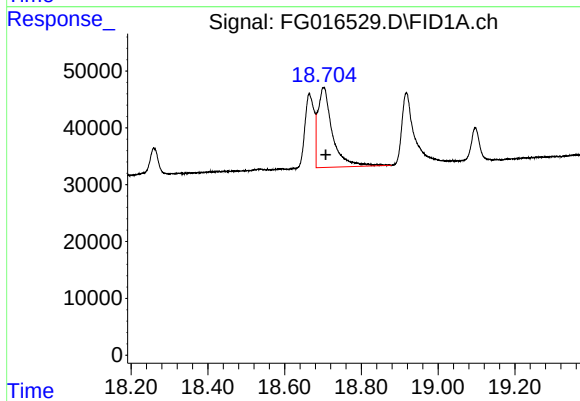
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.283 min
Delta R.T.: -0.007 min
Response: 268927
Conc: 2.16 ug/ml



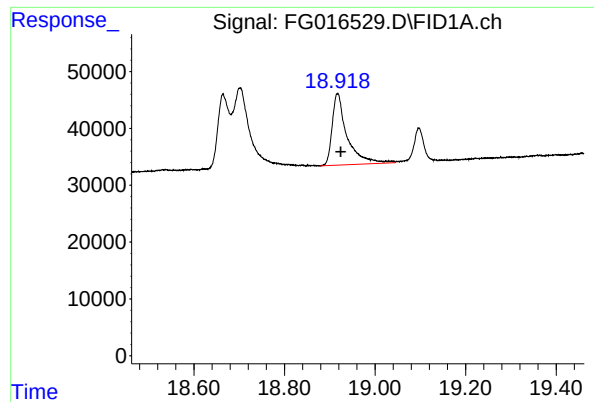
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.665 min
Delta R.T.: -0.001 min
Response: 219158
Conc: 1.91 ug/ml



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

R.T.: 18.702 min
Delta R.T.: -0.005 min
Response: 367639
Conc: 3.04 ug/ml



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

R.T.: 18.917 min
Delta R.T.: -0.007 min
Response: 289625
Conc: 2.43 ug/ml