

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090325AR\
 Data File : FG016533.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 21:08
 Operator : YP\AJ
 Sample : Q2893-07
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 02:51:54 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...	8.104	7235185	64.117 ug/ml
Spiked Amount 50.000		Recovery =	128.23%
6) S 2-Fluorobiphenyl (SURR)	8.986	4384179	56.187 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.37%
11) S ortho-Terphenyl (SURR)	12.071	7715579	57.927 ug/ml
Spiked Amount 50.000		Recovery =	115.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.686	526315	4.295 ug/ml
2) T Naphthalene (C11.7)	6.368	567192	4.374 ug/mlm
3) T 2-Methylnaphthalene (...)	7.471	560794	4.245 ug/ml
5) T Acenaphthylene (C15.06)	8.782	603403	4.611 ug/ml
7) T Acenaphthene (C15.5)	9.083	815260	6.255 ug/ml
8) T Flouorene (C16.55)	9.879	642319	4.922 ug/ml
9) T Phenanthrene (C19.36)	11.296	594141	4.553 ug/ml
10) T Anthracene (C19.43)	11.371	636312	4.870 ug/ml
12) T Fluoranthene (C21.85)	13.129	634996	4.842 ug/ml
13) T Pyrene (C20.8)	13.429	635592	4.894 ug/ml
14) T Benzo[a]anthracene (C...	15.325	574871	4.491 ug/ml
15) T Chrysene (C27.41)	15.369	777763	6.028 ug/ml
16) T benzo[b]fluoranthene ...	16.893	546680	4.269 ug/ml
17) T Bnezo[k]fluoranthene ...	16.924	686714	5.715 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.278	578714	4.644 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.659	492354	4.280 ug/ml
20) T Dibenz[a,h]anthracene...	18.697	750712	6.217 ug/ml
21) T Benzo[g,h,i]perylene ...	18.913	615282	5.152 ug/ml

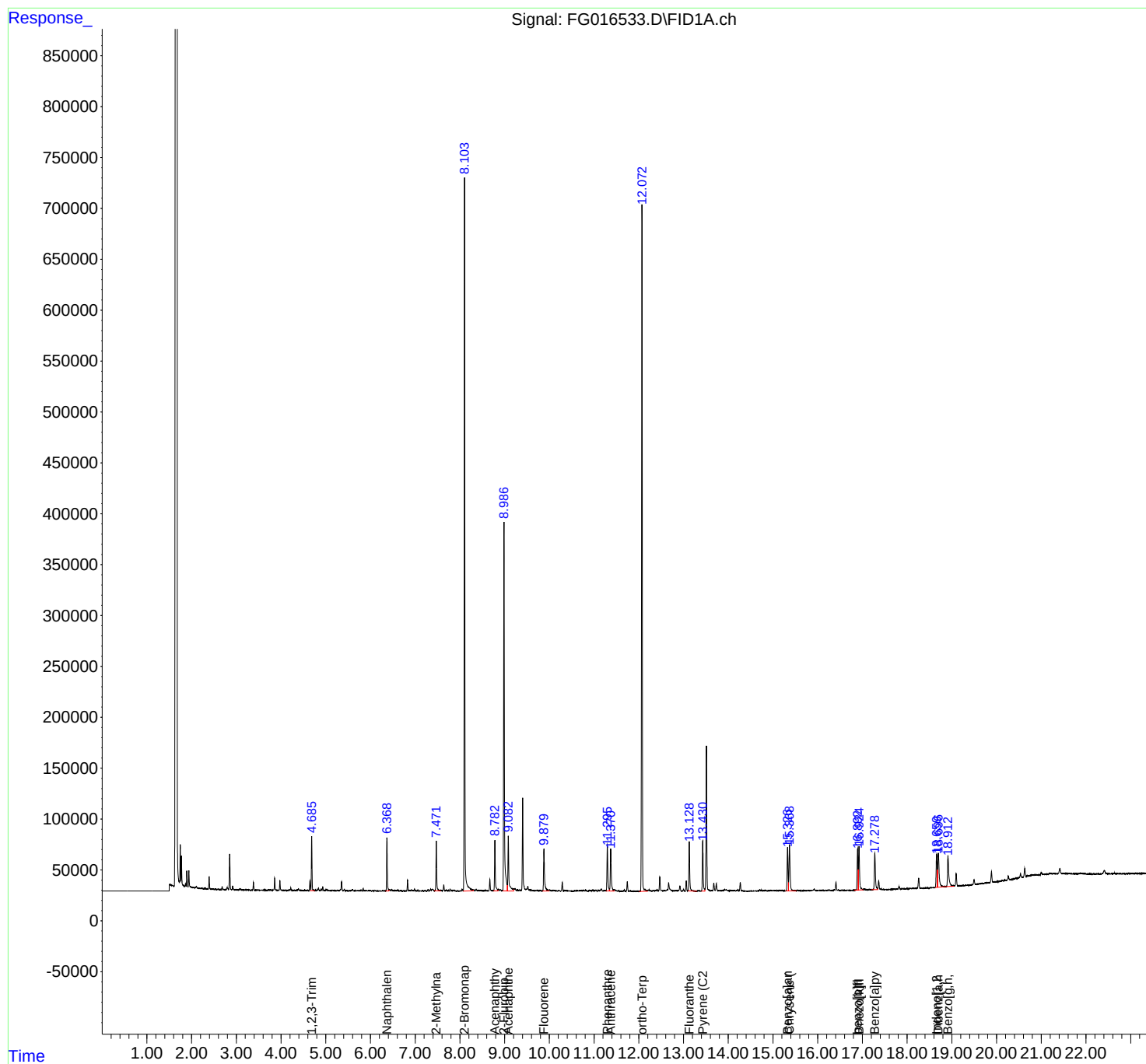
(f)=RT Delta > 1/2 Window

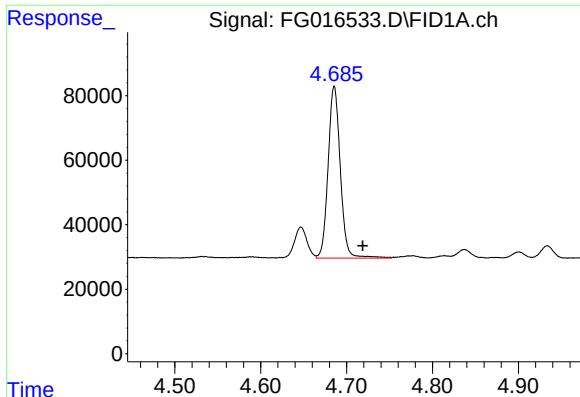
(m)=manual int.

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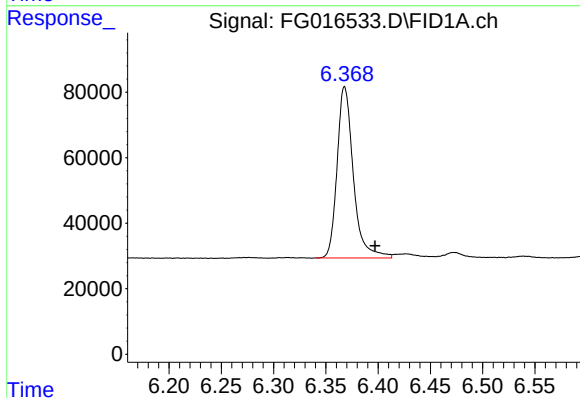
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Signal Info : 20M x 0.18mm x 0.18µm





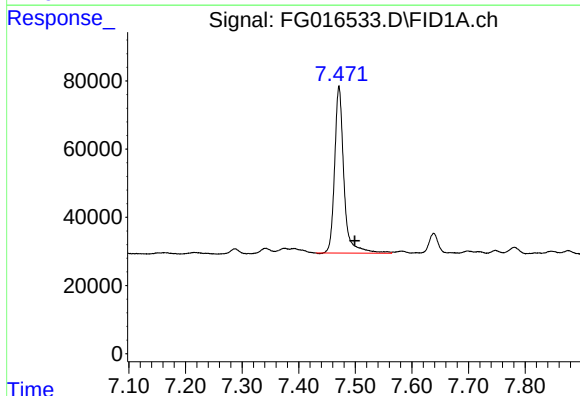
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.686 min
Delta R.T.: -0.033 min
Response: 526315
Conc: 4.30 ug/ml



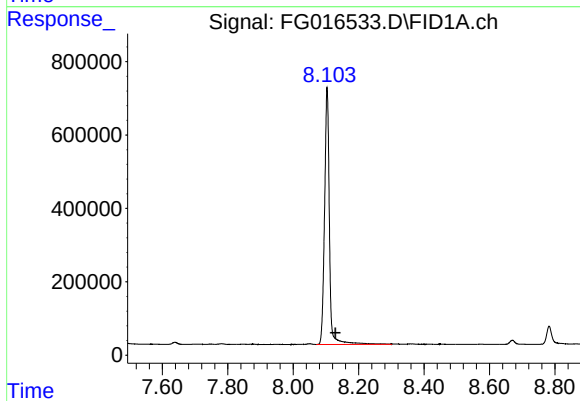
#2 Naphthalene (C11.7)

R.T.: 6.368 min
Delta R.T.: -0.030 min
Response: 567192
Conc: 4.37 ug/ml m



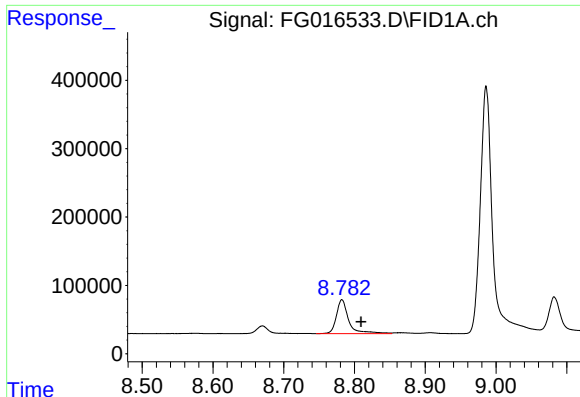
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.471 min
Delta R.T.: -0.028 min
Response: 560794
Conc: 4.25 ug/ml



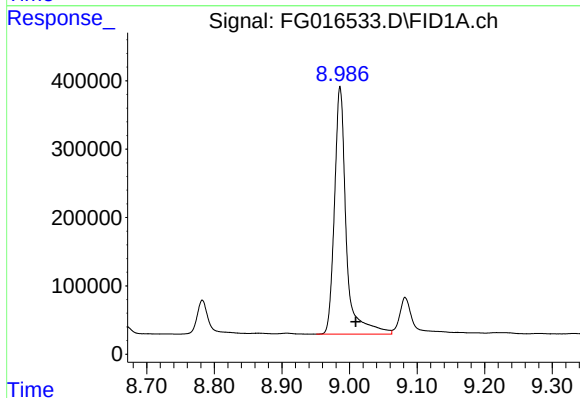
#4 2-Bromonaphthalene (SURR)

R.T.: 8.104 min
Delta R.T.: -0.025 min
Response: 7235185
Conc: 64.12 ug/ml



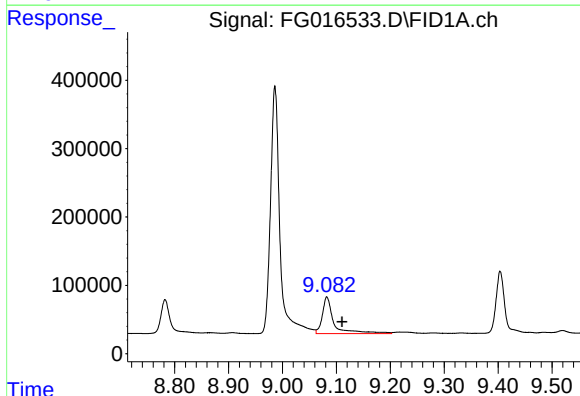
#5 Acenaphthylene (C15.06)

R.T.: 8.782 min
Delta R.T.: -0.027 min
Response: 603403
Conc: 4.61 ug/ml



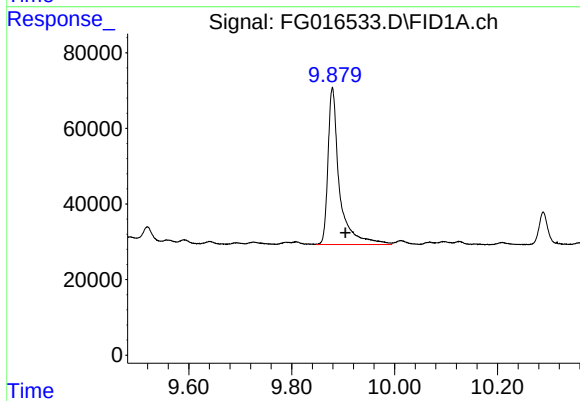
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.986 min
Delta R.T.: -0.023 min
Response: 4384179
Conc: 56.19 ug/ml



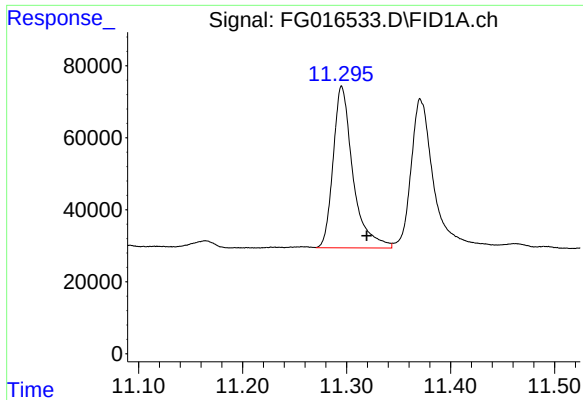
#7 Acenaphthene (C15.5)

R.T.: 9.083 min
Delta R.T.: -0.028 min
Response: 815260
Conc: 6.25 ug/ml



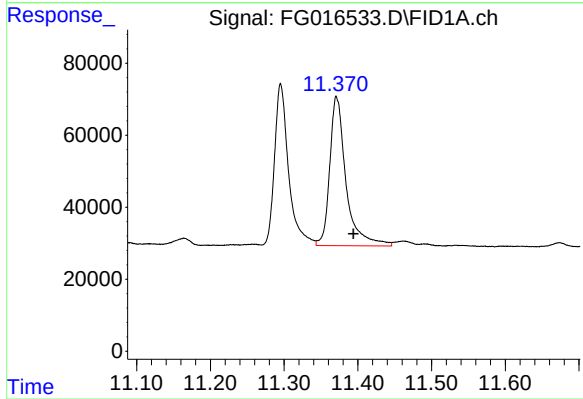
#8 Fluorene (C16.55)

R.T.: 9.879 min
Delta R.T.: -0.025 min
Response: 642319
Conc: 4.92 ug/ml



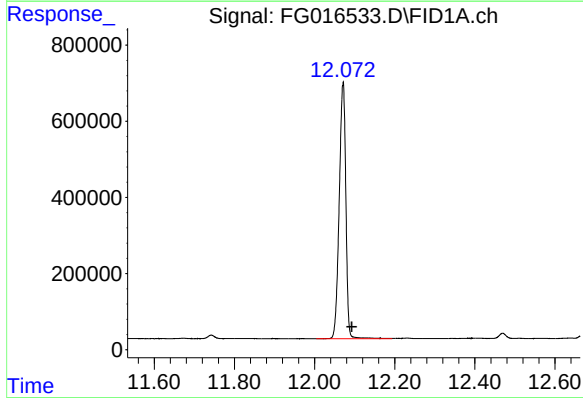
#9 Phenanthrene (C19.36)

R.T.: 11.296 min
Delta R.T.: -0.024 min
Response: 594141
Conc: 4.55 ug/ml



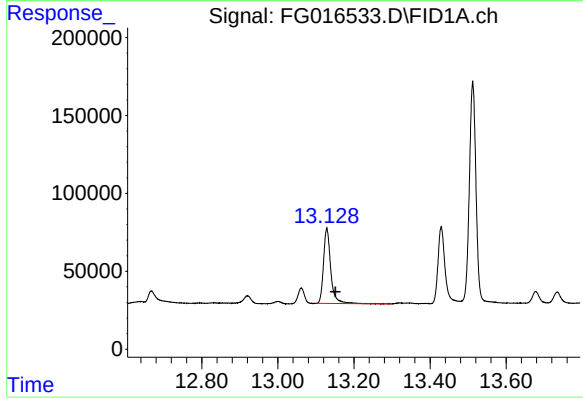
#10 Anthracene (C19.43)

R.T.: 11.371 min
Delta R.T.: -0.023 min
Response: 636312
Conc: 4.87 ug/ml



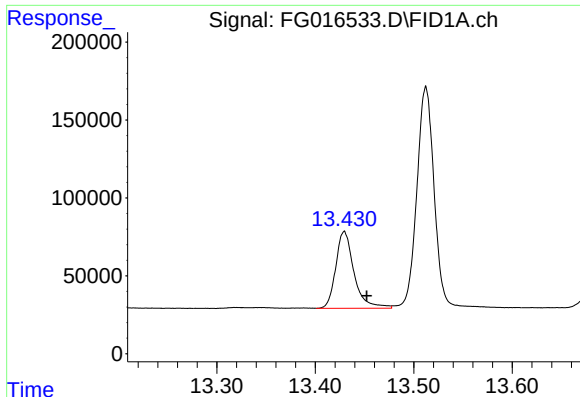
#11 ortho-Terphenyl (SURR)

R.T.: 12.071 min
Delta R.T.: -0.022 min
Response: 7715579
Conc: 57.93 ug/ml



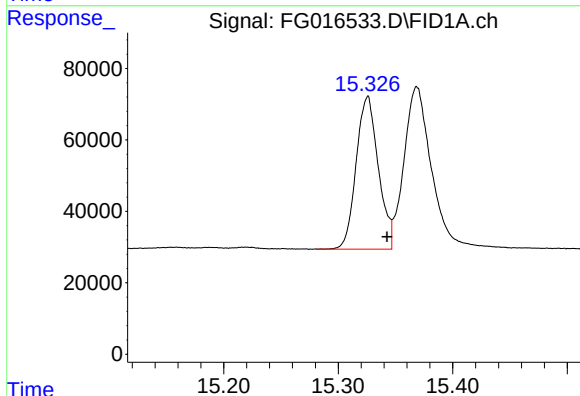
#12 Fluoranthene (C21.85)

R.T.: 13.129 min
Delta R.T.: -0.022 min
Response: 634996
Conc: 4.84 ug/ml



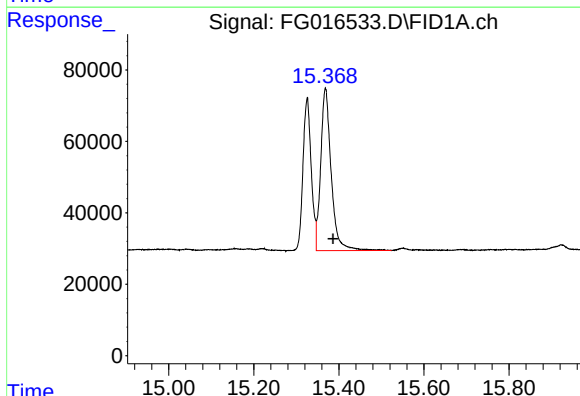
#13 Pyrene (C20.8)

R.T.: 13.429 min
Delta R.T.: -0.023 min
Response: 635592
Conc: 4.89 ug/ml



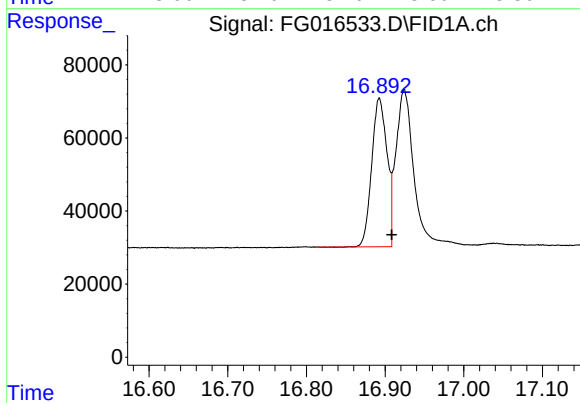
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.325 min
Delta R.T.: -0.017 min
Response: 574871
Conc: 4.49 ug/ml



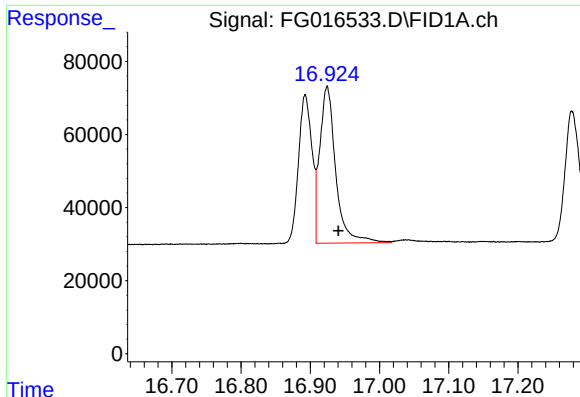
#15 Chrysene (C27.41)

R.T.: 15.369 min
Delta R.T.: -0.018 min
Response: 777763
Conc: 6.03 ug/ml



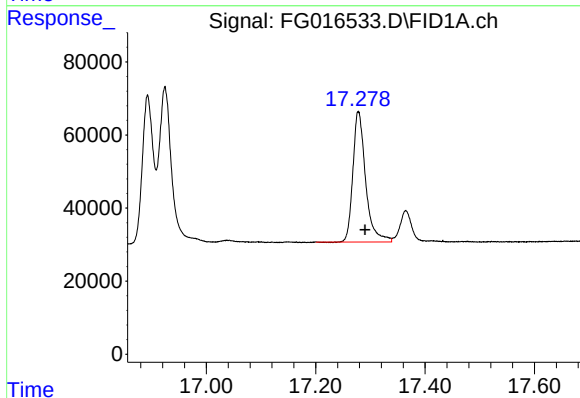
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.893 min
Delta R.T.: -0.016 min
Response: 546680
Conc: 4.27 ug/ml



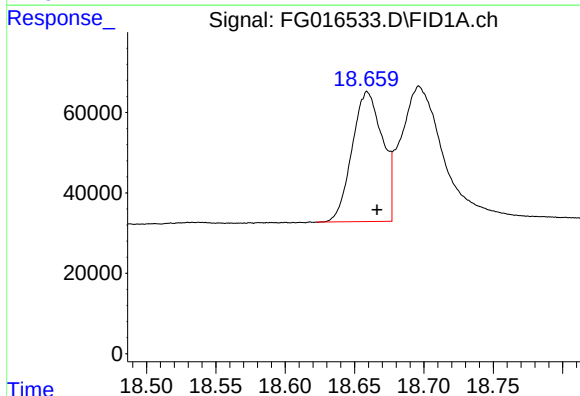
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.924 min
Delta R.T.: -0.016 min
Response: 686714
Conc: 5.72 ug/ml



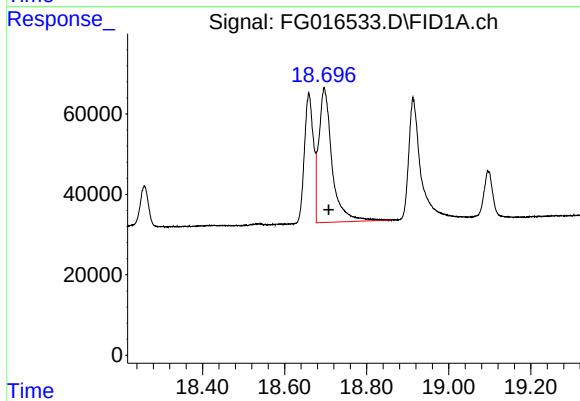
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.278 min
Delta R.T.: -0.012 min
Response: 578714
Conc: 4.64 ug/ml



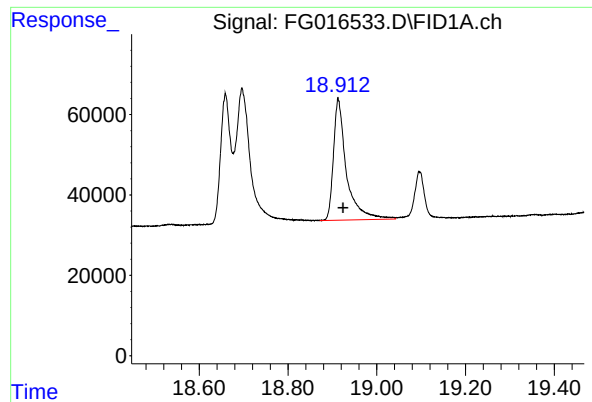
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.659 min
Delta R.T.: -0.007 min
Response: 492354
Conc: 4.28 ug/ml



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

R.T.: 18.697 min
Delta R.T.: -0.011 min
Response: 750712
Conc: 6.22 ug/ml



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

R.T.: 18.913 min
Delta R.T.: -0.011 min
Response: 615282
Conc: 5.15 ug/ml