

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090325AR\
 Data File : FG016530.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 19:39
 Operator : YP\AJ
 Sample : Q2893-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 02:50:24 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	7160267	63.453 ug/ml
Spiked Amount 50.000		Recovery =	126.91%
6) S 2-Fluorobiphenyl (SURR)	8.987	4308953	55.223 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.45%
11) S ortho-Terphenyl (SURR)	12.072	7541458	56.620 ug/ml
Spiked Amount 50.000		Recovery =	113.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.686	525201	4.286 ug/ml
2) T Naphthalene (C11.7)	6.369	566298	4.367 ug/ml
3) T 2-Methylnaphthalene (...)	7.472	559780	4.238 ug/ml
5) T Acenaphthylene (C15.06)	8.783	597784	4.568 ug/ml
7) T Acenaphthene (C15.5)	9.083	807727	6.197 ug/ml
8) T Fluorene (C16.55)	9.880	629846	4.826 ug/ml
9) T Phenanthrene (C19.36)	11.296	583764	4.474 ug/ml
10) T Anthracene (C19.43)	11.372	619113	4.738 ug/ml
12) T Fluoranthene (C21.85)	13.129	621648	4.740 ug/ml
13) T Pyrene (C20.8)	13.430	627845	4.834 ug/ml
14) T Benzo[a]anthracene (C...	15.326	564739	4.412 ug/ml
15) T Chrysene (C27.41)	15.369	760486	5.895 ug/ml
16) T benzo[b]fluoranthene ...	16.893	533884	4.169 ug/ml
17) T Bnezo[k]fluoranthene ...	16.925	674534	5.614 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.279	570264	4.577 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.661	495684	4.309 ug/ml
20) T Dibenz[a,h]anthracene...	18.698	734155	6.079 ug/ml
21) T Benzo[g,h,i]perylene ...	18.914	606510	5.079 ug/ml

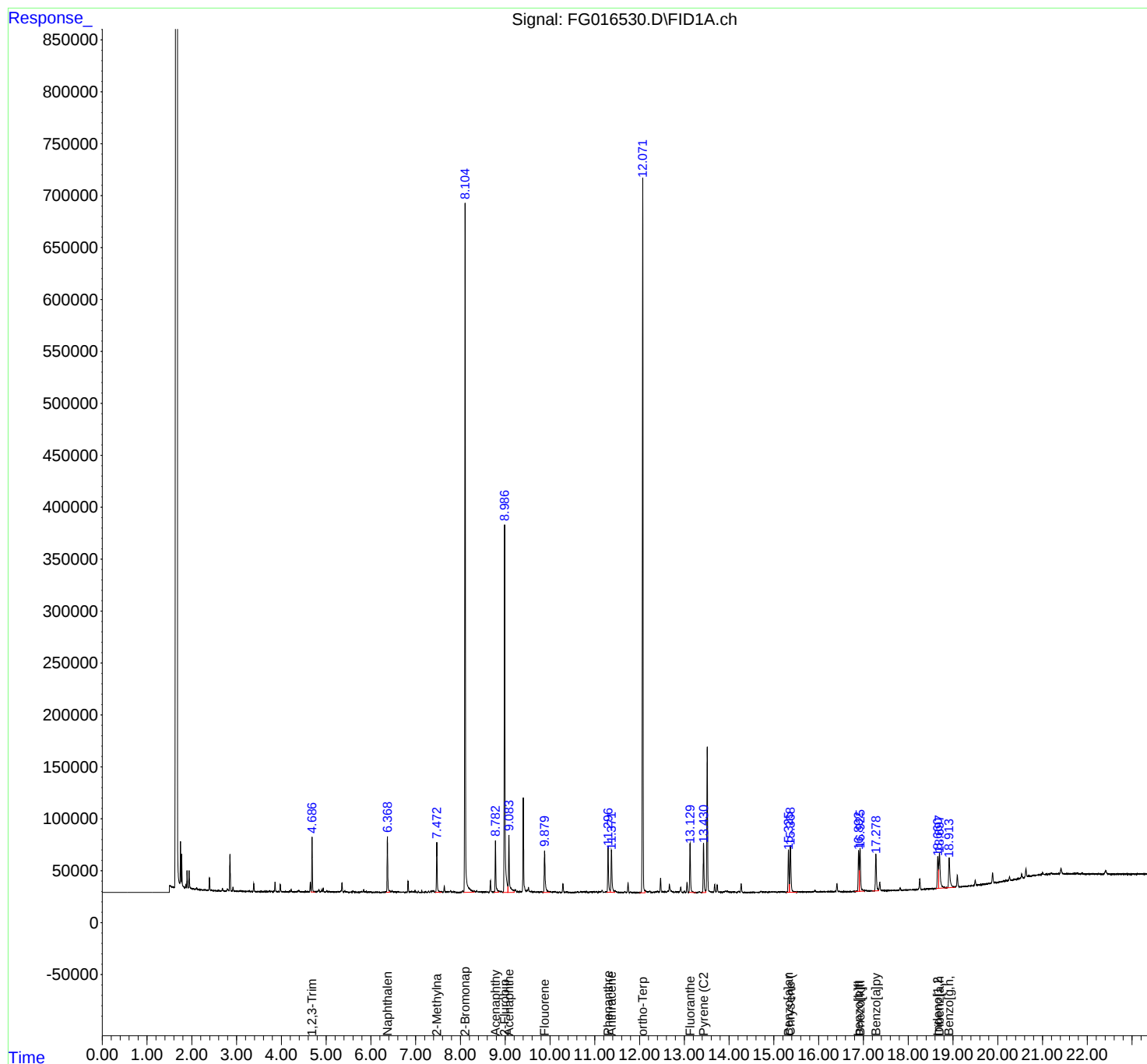
(f)=RT Delta > 1/2 Window

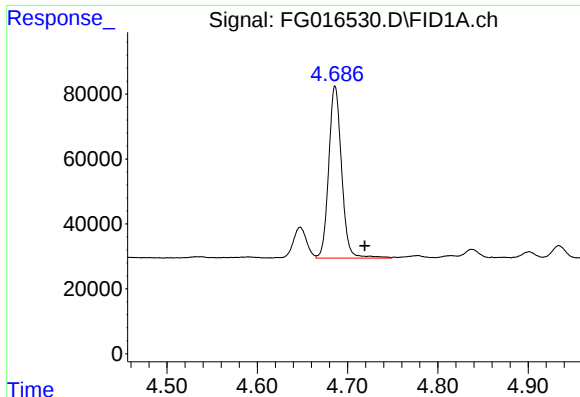
(m)=manual int.

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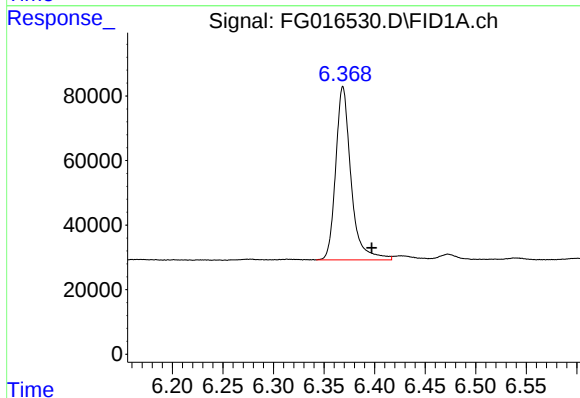
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





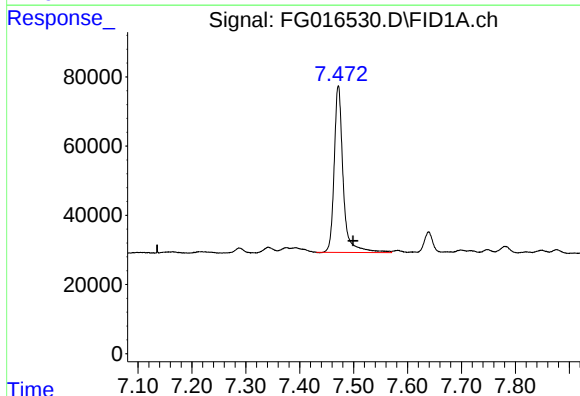
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.686 min
Delta R.T.: -0.033 min
Response: 525201
Conc: 4.29 ug/ml



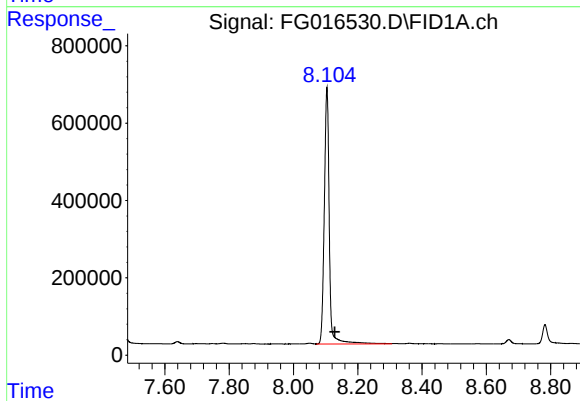
#2 Naphthalene (C11.7)

R.T.: 6.369 min
Delta R.T.: -0.028 min
Response: 566298
Conc: 4.37 ug/ml



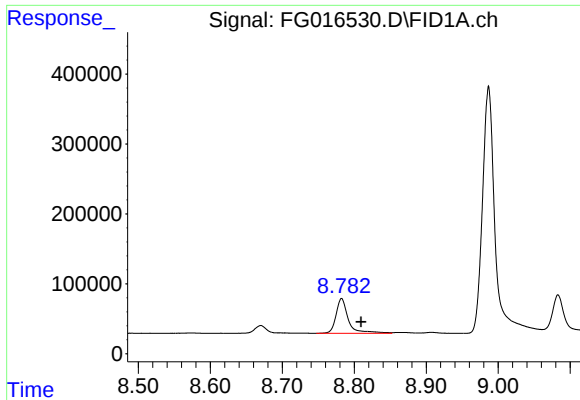
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.472 min
Delta R.T.: -0.027 min
Response: 559780
Conc: 4.24 ug/ml



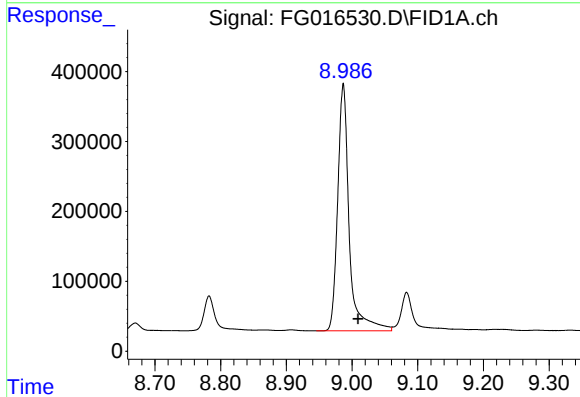
#4 2-Bromonaphthalene (SURR)

R.T.: 8.104 min
Delta R.T.: -0.025 min
Response: 7160267
Conc: 63.45 ug/ml



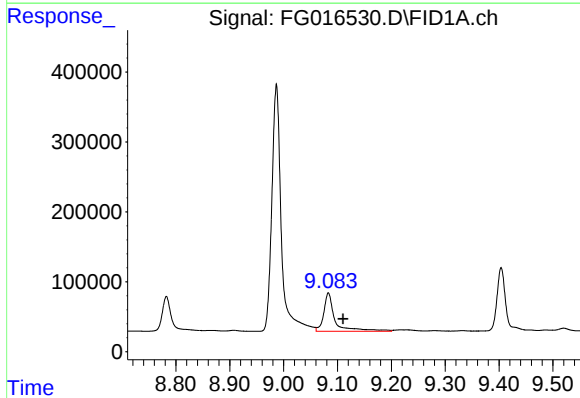
#5 Acenaphthylene (C15.06)

R.T.: 8.783 min
Delta R.T.: -0.027 min
Response: 597784
Conc: 4.57 ug/ml



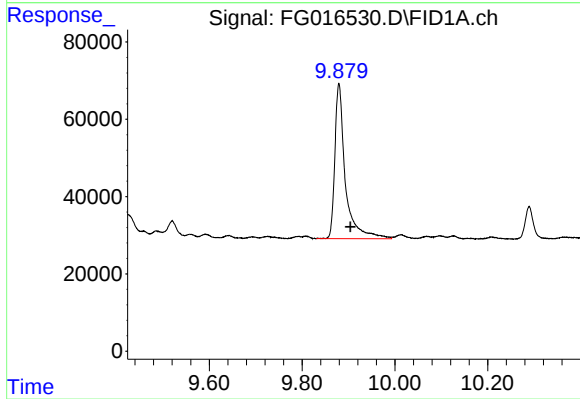
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.987 min
Delta R.T.: -0.023 min
Response: 4308953
Conc: 55.22 ug/ml



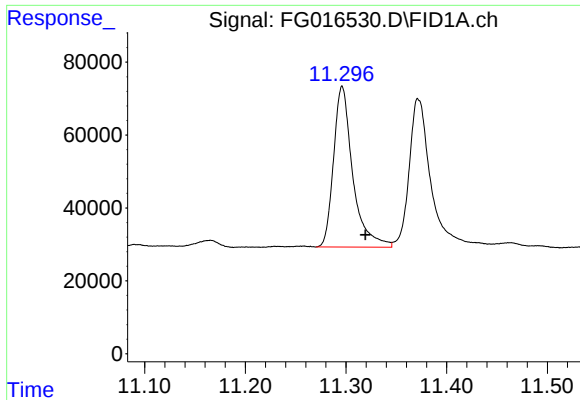
#7 Acenaphthene (C15.5)

R.T.: 9.083 min
Delta R.T.: -0.027 min
Response: 807727
Conc: 6.20 ug/ml



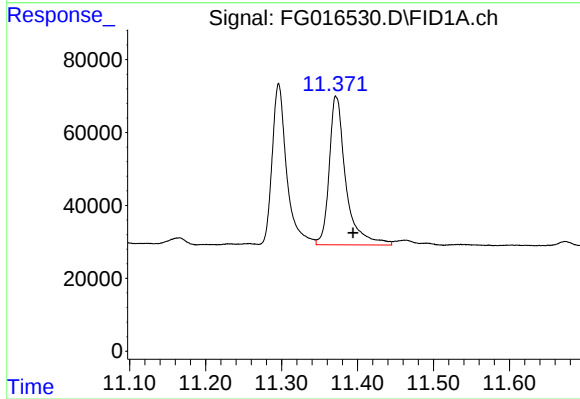
#8 Fluorene (C16.55)

R.T.: 9.880 min
Delta R.T.: -0.024 min
Response: 629846
Conc: 4.83 ug/ml



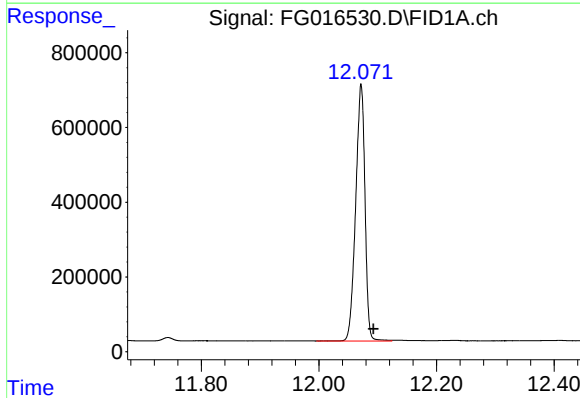
#9 Phenanthrene (C19.36)

R.T.: 11.296 min
Delta R.T.: -0.023 min
Response: 583764
Conc: 4.47 ug/ml



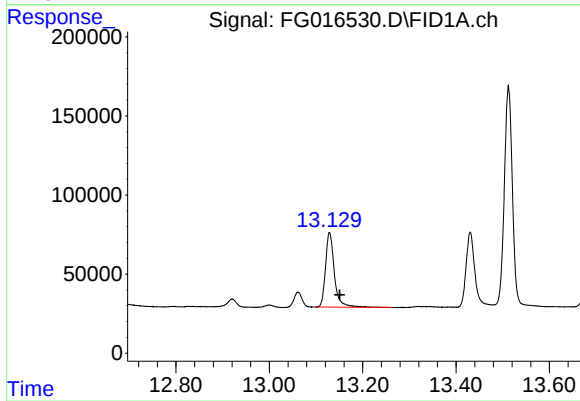
#10 Anthracene (C19.43)

R.T.: 11.372 min
Delta R.T.: -0.022 min
Response: 619113
Conc: 4.74 ug/ml



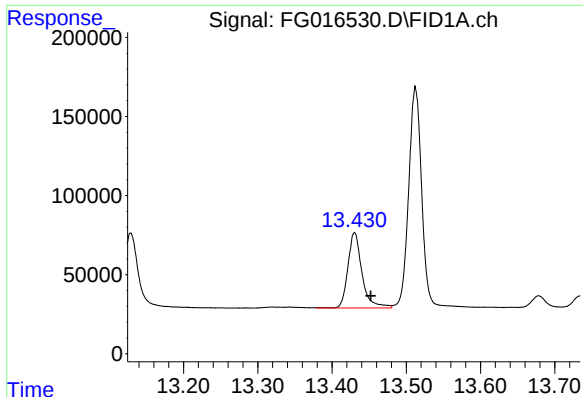
#11 ortho-Terphenyl (SURR)

R.T.: 12.072 min
Delta R.T.: -0.021 min
Response: 7541458
Conc: 56.62 ug/ml



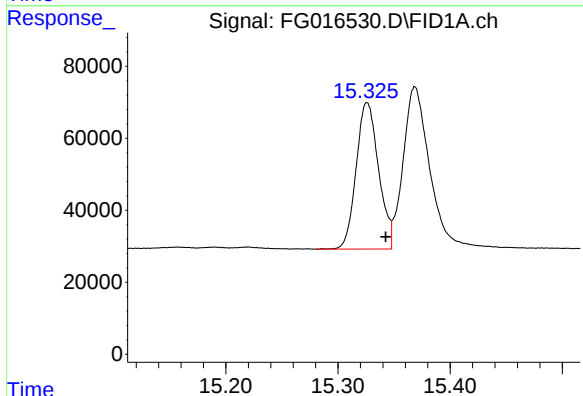
#12 Fluoranthene (C21.85)

R.T.: 13.129 min
Delta R.T.: -0.022 min
Response: 621648
Conc: 4.74 ug/ml



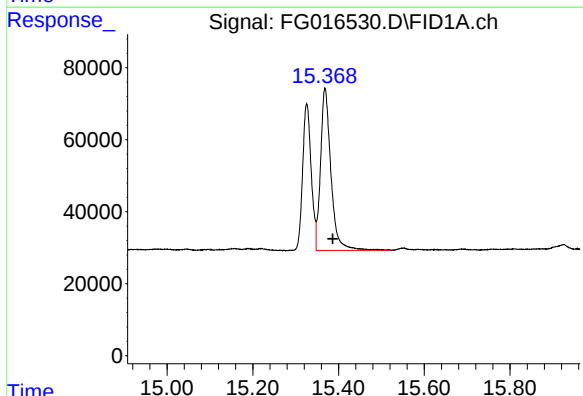
#13 Pyrene (C20.8)

R.T.: 13.430 min
Delta R.T.: -0.022 min
Response: 627845
Conc: 4.83 ug/ml



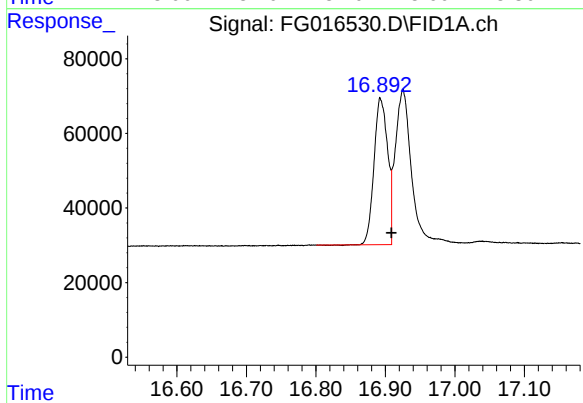
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.326 min
Delta R.T.: -0.017 min
Response: 564739
Conc: 4.41 ug/ml



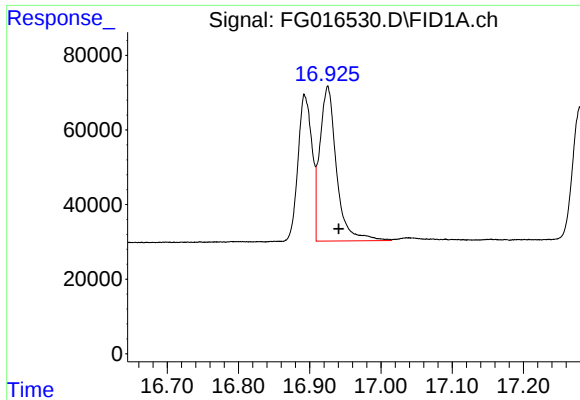
#15 Chrysene (C27.41)

R.T.: 15.369 min
Delta R.T.: -0.018 min
Response: 760486
Conc: 5.89 ug/ml



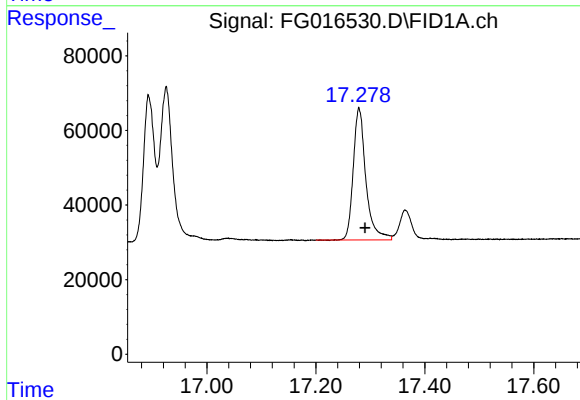
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.893 min
Delta R.T.: -0.015 min
Response: 533884
Conc: 4.17 ug/ml



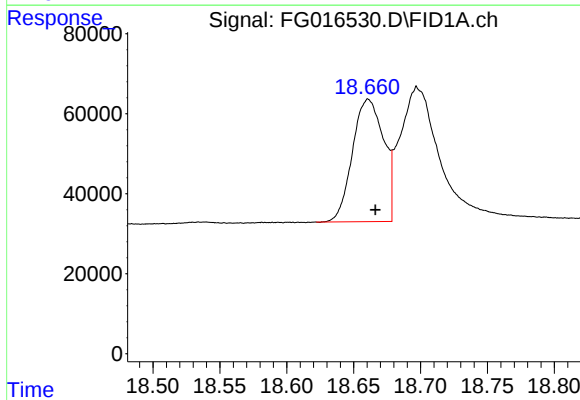
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.925 min
Delta R.T.: -0.016 min
Response: 674534
Conc: 5.61 ug/ml



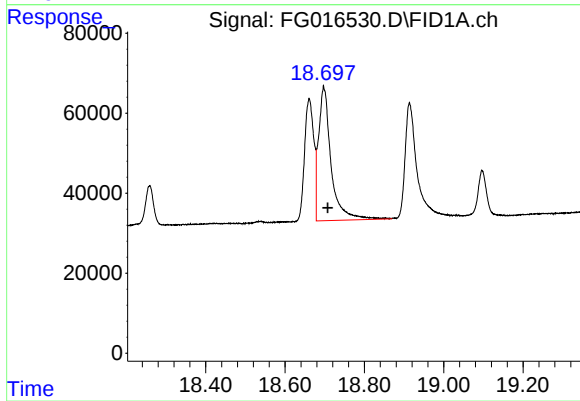
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.279 min
Delta R.T.: -0.011 min
Response: 570264
Conc: 4.58 ug/ml



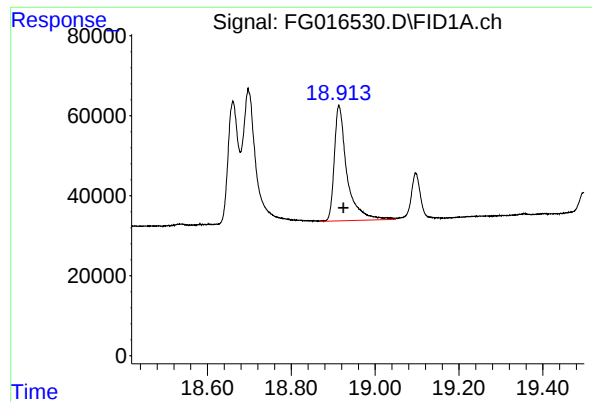
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.661 min
Delta R.T.: -0.005 min
Response: 495684
Conc: 4.31 ug/ml



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

R.T.: 18.698 min
Delta R.T.: -0.009 min
Response: 734155
Conc: 6.08 ug/ml



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

R.T.: 18.914 min
Delta R.T.: -0.010 min
Response: 606510
Conc: 5.08 ug/ml