

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090325AR\
 Data File : FG016531.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 20:09
 Operator : YP\AJ
 Sample : Q2893-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 02:50:54 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	5757552	51.022 ug/ml
Spiked Amount 50.000		Recovery =	102.04%
6) S 2-Fluorobiphenyl (SURR)	8.986	3625215	46.460 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.92%
11) S ortho-Terphenyl (SURR)	12.070	5987108	44.950 ug/ml
Spiked Amount 50.000		Recovery =	89.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.686	438766	3.581 ug/ml
2) T Naphthalene (C11.7)	6.369	468628	3.614 ug/ml
3) T 2-Methylnaphthalene (...)	7.472	458600	3.472 ug/ml
5) T Acenaphthylene (C15.06)	8.783	478407	3.656 ug/ml
7) T Acenaphthene (C15.5)	9.083	585446	4.492 ug/ml
8) T Flouorene (C16.55)	9.880	488165	3.740 ug/ml
9) T Phenanthrene (C19.36)	11.297	456905	3.502 ug/ml
10) T Anthracene (C19.43)	11.373	506902	3.879 ug/ml
12) T Fluoranthene (C21.85)	13.130	492450	3.755 ug/ml
13) T Pyrene (C20.8)	13.430	488193	3.759 ug/ml
14) T Benzo[a]anthracene (C...	15.328	433612	3.387 ug/ml
15) T Chrysene (C27.41)	15.370	602626	4.671 ug/ml
16) T benzo[b]fluoranthene ...	16.895	415979	3.248 ug/ml
17) T Bnezo[k]fluoranthene ...	16.926	547240	4.554 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.280	457316	3.670 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.662	395058	3.434 ug/ml
20) T Dibenz[a,h]anthracene...	18.699	625980	5.184 ug/ml
21) T Benzo[g,h,i]perylene ...	18.916	504486	4.224 ug/ml

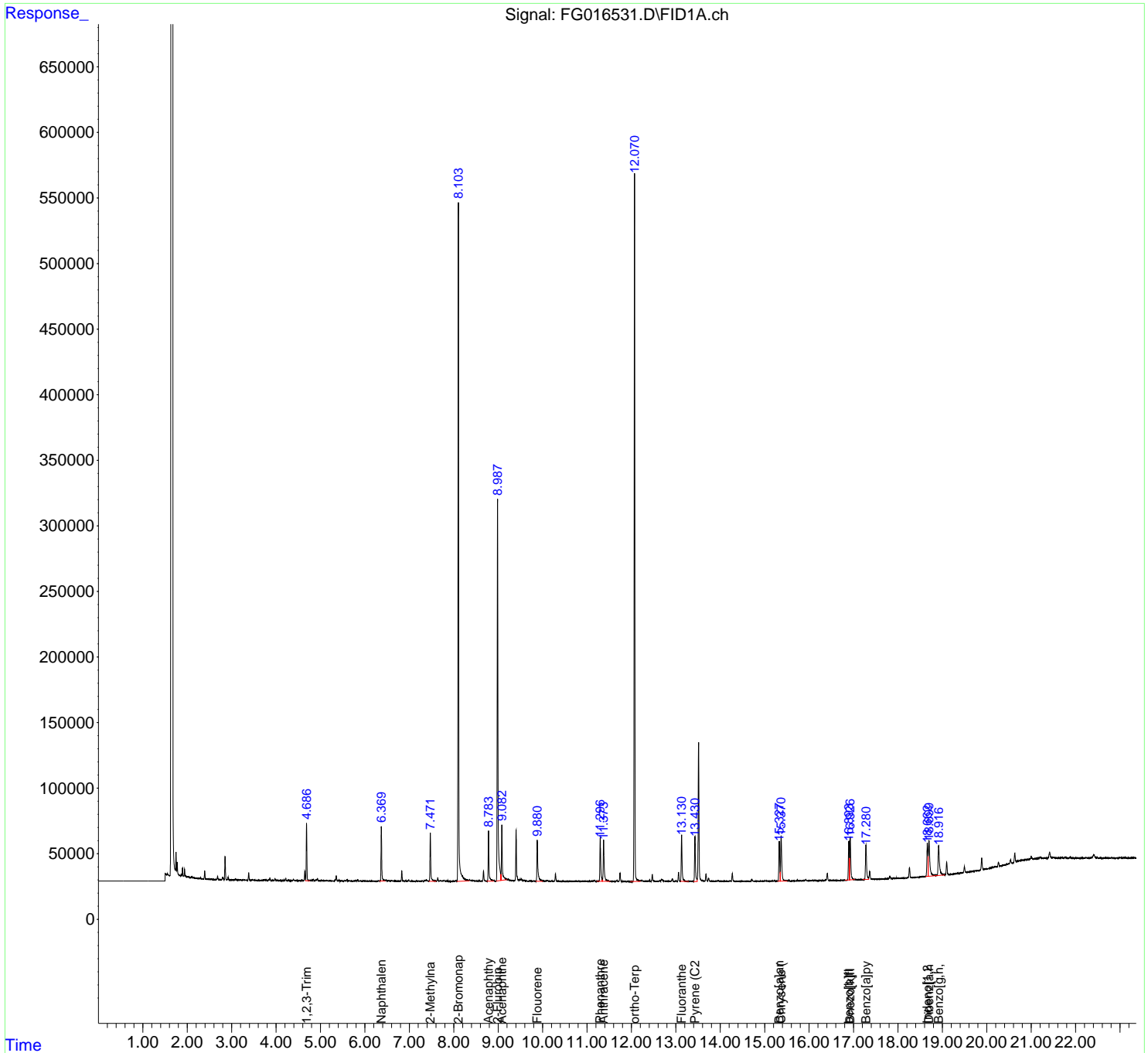
(f)=RT Delta > 1/2 Window

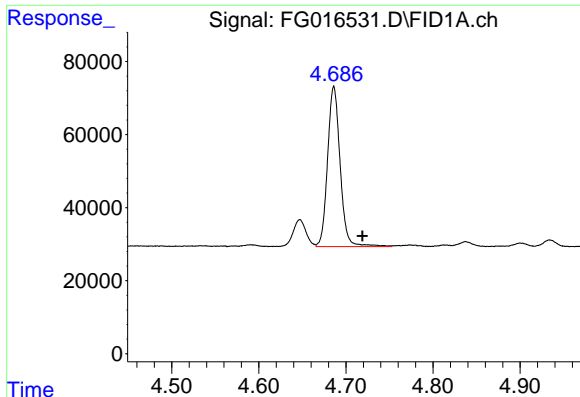
(m)=manual int.

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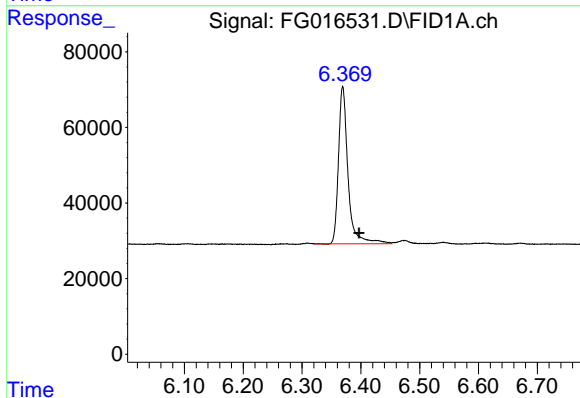
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 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm





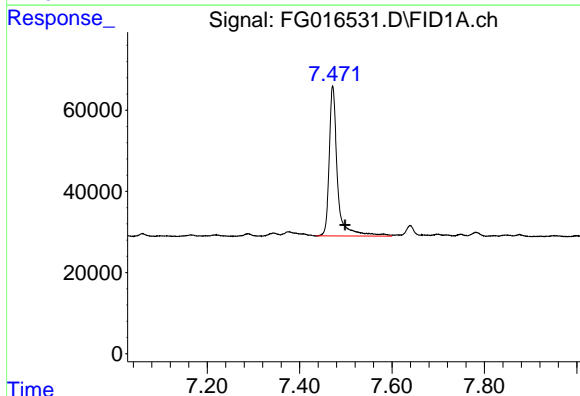
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.686 min
Delta R.T.: -0.033 min
Response: 438766
Conc: 3.58 ug/ml



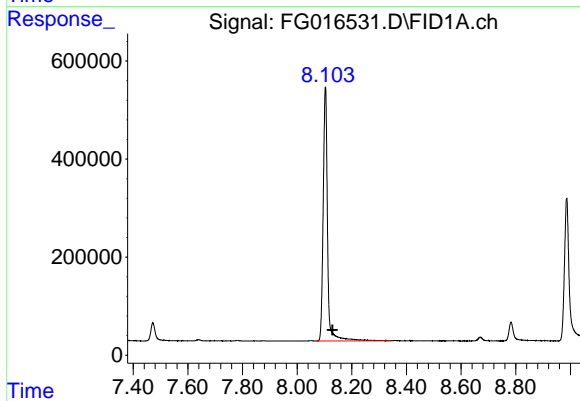
#2 Naphthalene (C11.7)

R.T.: 6.369 min
Delta R.T.: -0.028 min
Response: 468628
Conc: 3.61 ug/ml



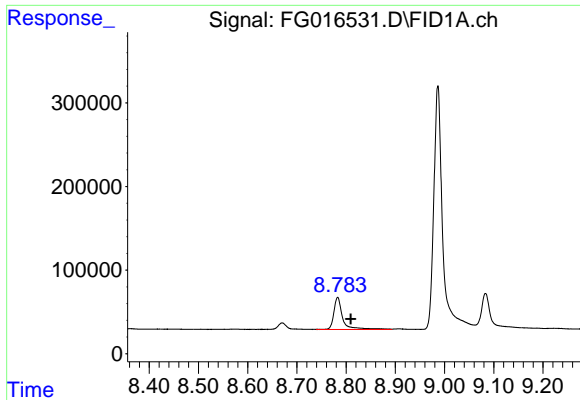
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.472 min
Delta R.T.: -0.027 min
Response: 458600
Conc: 3.47 ug/ml

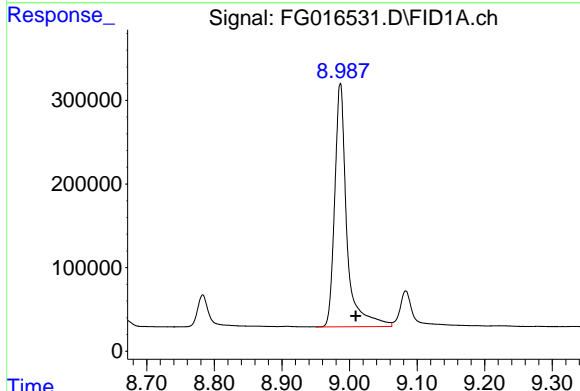


#4 2-Bromonaphthalene (SURR)

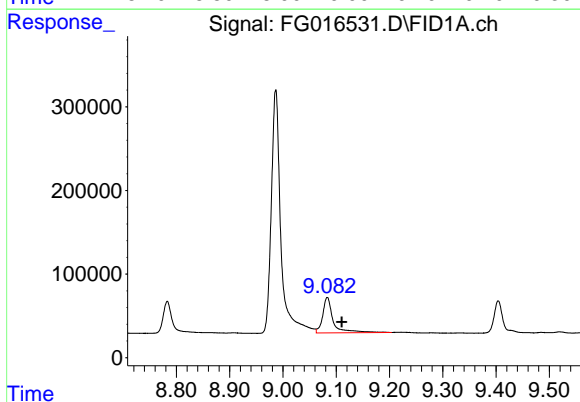
R.T.: 8.103 min
Delta R.T.: -0.025 min
Response: 5757552
Conc: 51.02 ug/ml



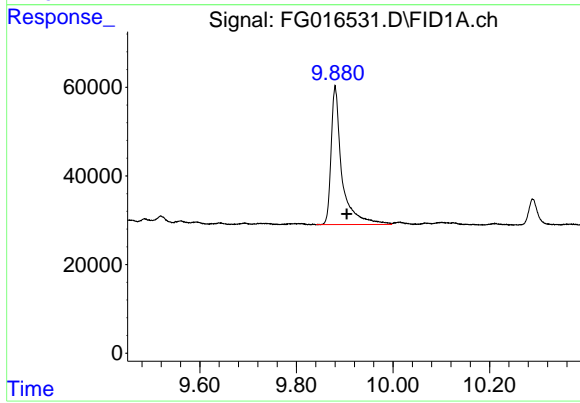
#5 Acenaphthylene (C15.06)
R.T.: 8.783 min
Delta R.T.: -0.026 min
Response: 478407
Conc: 3.66 ug/ml



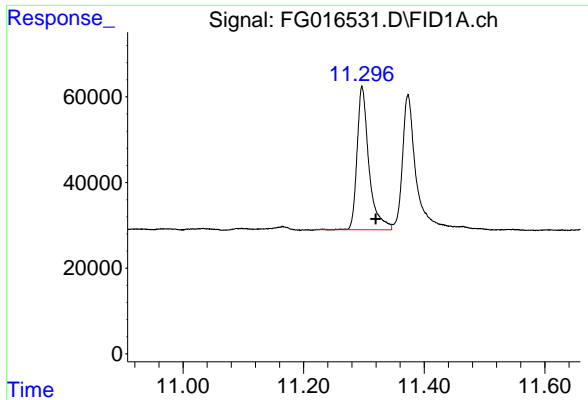
#6 2-Fluorobiphenyl (SURR)
R.T.: 8.986 min
Delta R.T.: -0.023 min
Response: 3625215
Conc: 46.46 ug/ml



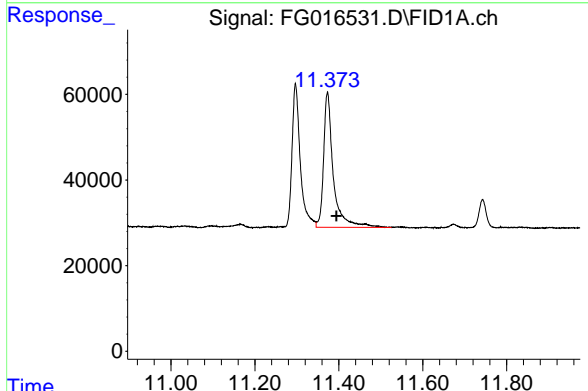
#7 Acenaphthene (C15.5)
R.T.: 9.083 min
Delta R.T.: -0.027 min
Response: 585446
Conc: 4.49 ug/ml



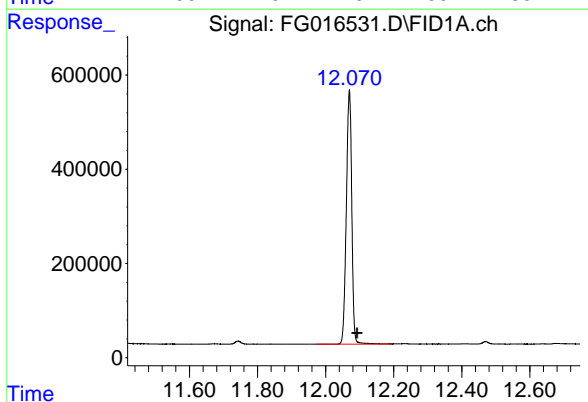
#8 Fluorene (C16.55)
R.T.: 9.880 min
Delta R.T.: -0.024 min
Response: 488165
Conc: 3.74 ug/ml



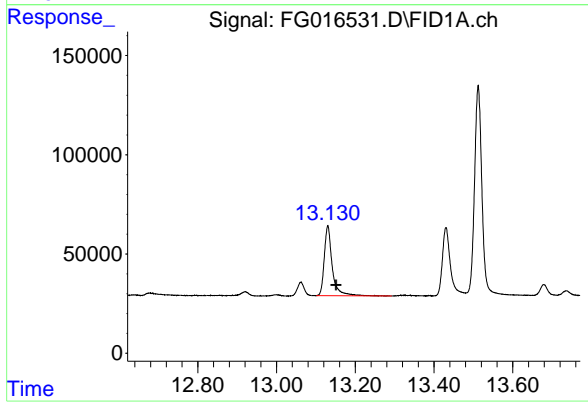
#9 Phenanthrene (C19.36)
R.T.: 11.297 min
Delta R.T.: -0.022 min
Response: 456905
Conc: 3.50 ug/ml



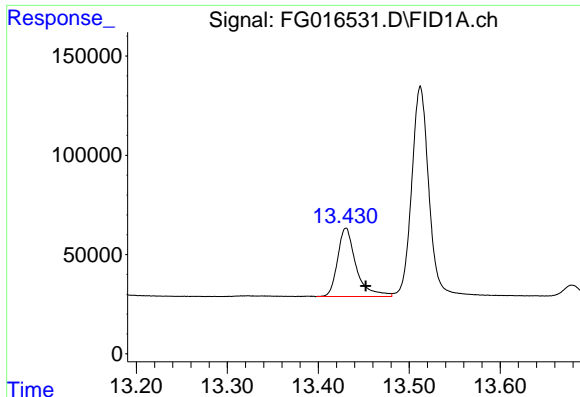
#10 Anthracene (C19.43)
R.T.: 11.373 min
Delta R.T.: -0.021 min
Response: 506902
Conc: 3.88 ug/ml



#11 ortho-Terphenyl (SURR)
R.T.: 12.070 min
Delta R.T.: -0.023 min
Response: 5987108
Conc: 44.95 ug/ml

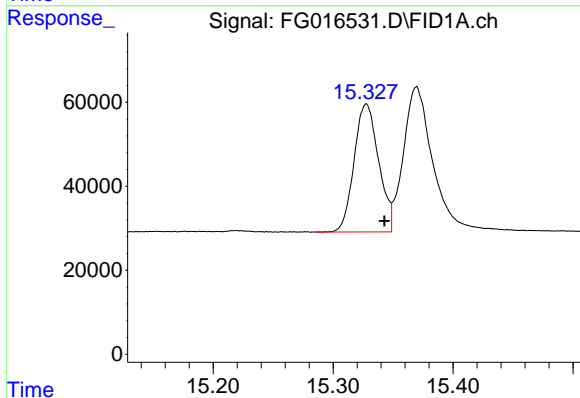


#12 Fluoranthene (C21.85)
R.T.: 13.130 min
Delta R.T.: -0.021 min
Response: 492450
Conc: 3.75 ug/ml



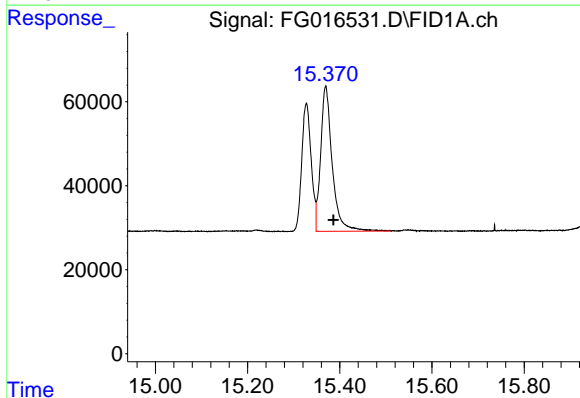
#13 Pyrene (C20.8)

R.T.: 13.430 min
Delta R.T.: -0.022 min
Response: 488193
Conc: 3.76 ug/ml



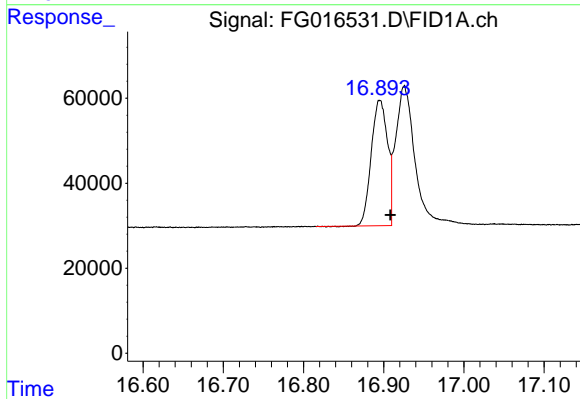
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.328 min
Delta R.T.: -0.015 min
Response: 433612
Conc: 3.39 ug/ml



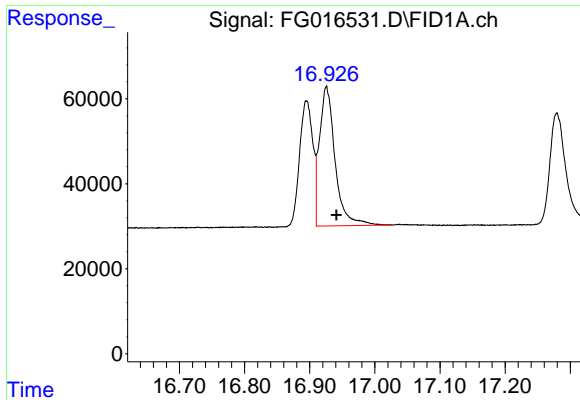
#15 Chrysene (C27.41)

R.T.: 15.370 min
Delta R.T.: -0.017 min
Response: 602626
Conc: 4.67 ug/ml



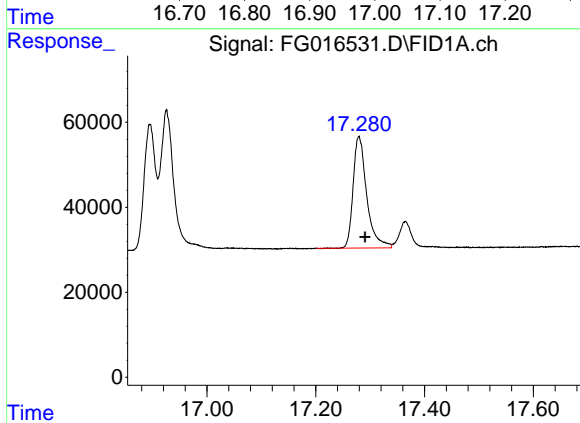
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.895 min
Delta R.T.: -0.013 min
Response: 415979
Conc: 3.25 ug/ml



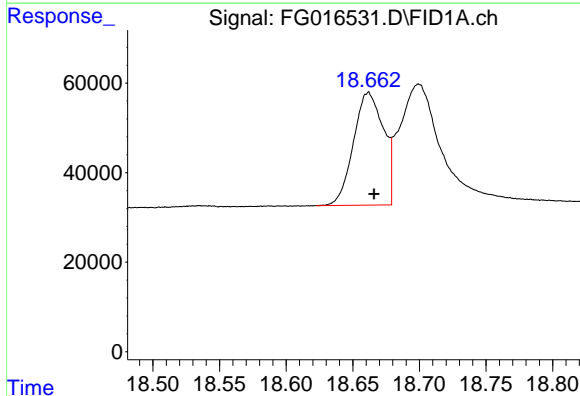
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.926 min
Delta R.T.: -0.015 min
Response: 547240
Conc: 4.55 ug/ml



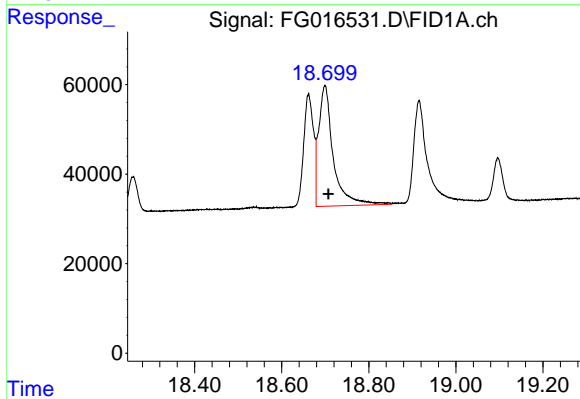
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.280 min
Delta R.T.: -0.011 min
Response: 457316
Conc: 3.67 ug/ml



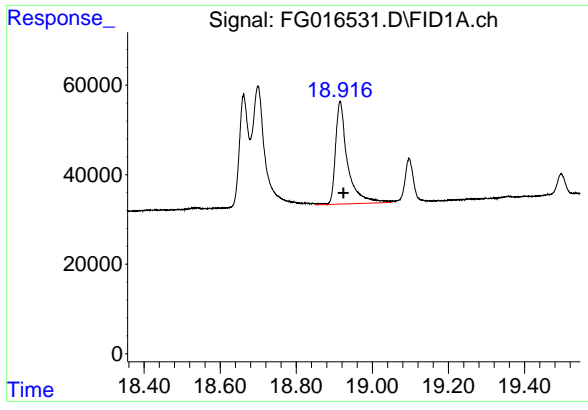
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.662 min
Delta R.T.: -0.004 min
Response: 395058
Conc: 3.43 ug/ml



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

R.T.: 18.699 min
Delta R.T.: -0.008 min
Response: 625980
Conc: 5.18 ug/ml



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

R.T.: 18.916 min
Delta R.T.: -0.009 min
Response: 504486
Conc: 4.22 ug/ml