

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080724AR\
 Data File : FG014080.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2024 11:00
 Operator : YP\AJ
 Sample : P3390-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e
 Quant Time: Aug 08 04:42:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 17:31:37 2024
 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...	7.893	5729059	51.066 ug/ml
Spiked Amount 50.000		Recovery =	102.13%
6) S 2-Fluorobiphenyl (SURR)	8.766	3524224	46.929 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.86%
11) S ortho-Terphenyl (SURR)	11.837	5758178	43.529 ug/ml
Spiked Amount 50.000		Recovery =	87.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	234755	1.817 ug/ml
2) T Naphthalene (C11.7)	6.168	248657	1.870 ug/ml
3) T 2-Methylnaphthalene (...)	7.264	270287	2.043 ug/mlm
5) T Acenaphthylene (C15.06)	8.565	261361	1.975 ug/ml
7) T Acenaphthene (C15.5)	8.863	367518	2.717 ug/ml
8) T Flouorene (C16.55)	9.656	276217	2.149 ug/ml
9) T Phenanthrene (C19.36)	11.062	231258	1.855 ug/ml
10) T Anthracene (C19.43)	11.138	228411	1.816 ug/ml
12) T Fluoranthene (C21.85)	12.884	289886	2.272 ug/ml
13) T Pyrene (C20.8)	13.182	280811	2.208 ug/ml
14) T Benzo[a]anthracene (C...	15.069	229898	1.973 ug/ml
15) T Chrysene (C27.41)	15.110	390186	2.861 ug/ml
16) T benzo[b]fluoranthene ...	16.628	228044	1.845 ug/ml
17) T Bnezo[k]fluoranthene ...	16.658	332661	2.488 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.012	245556	1.947 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.387	180073	1.759 ug/ml
20) T Dibenz[a,h]anthracene...	18.430	343144	2.248 ug/ml
21) T Benzo[g,h,i]perylene ...	18.639	256717	1.849 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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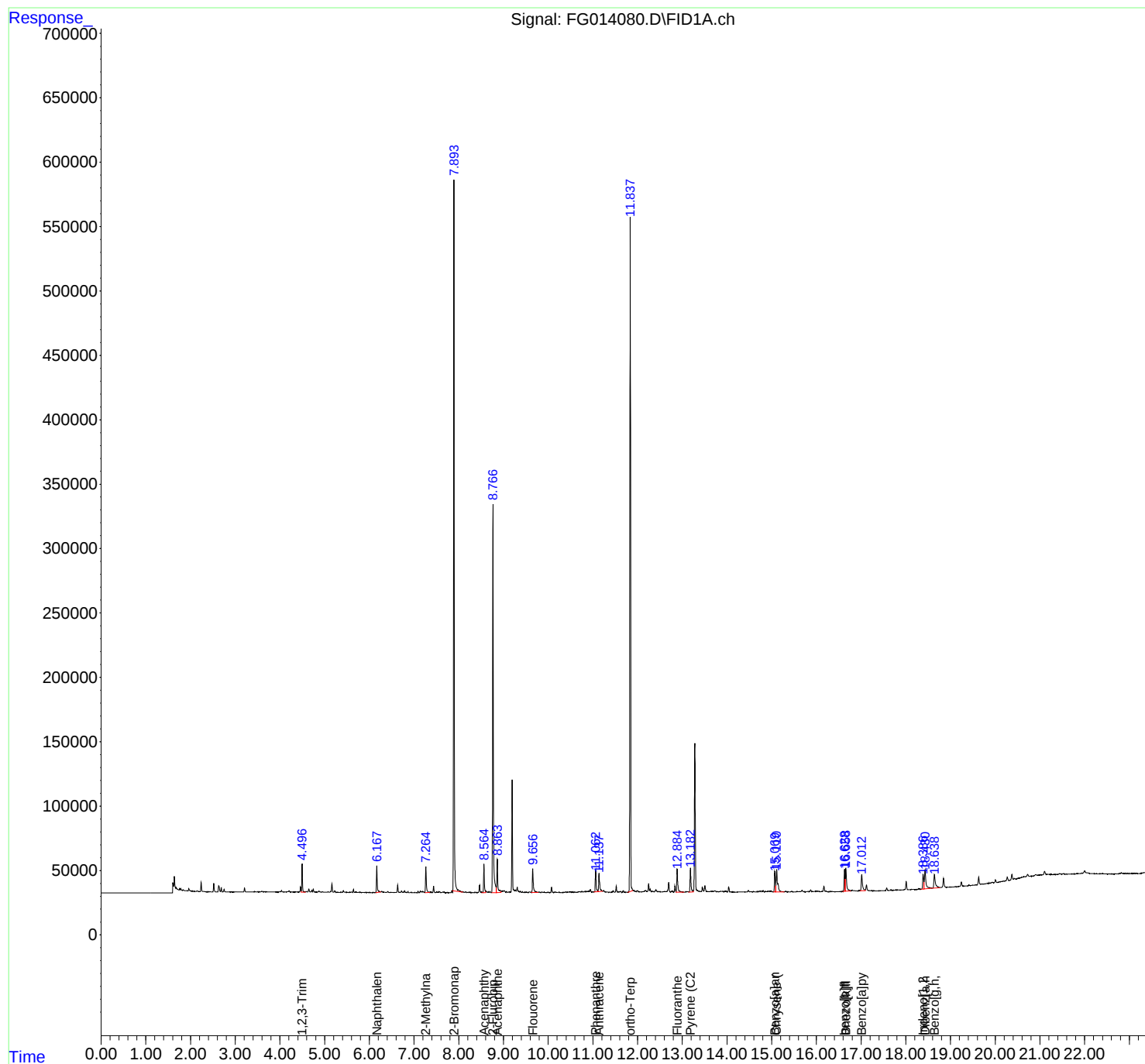
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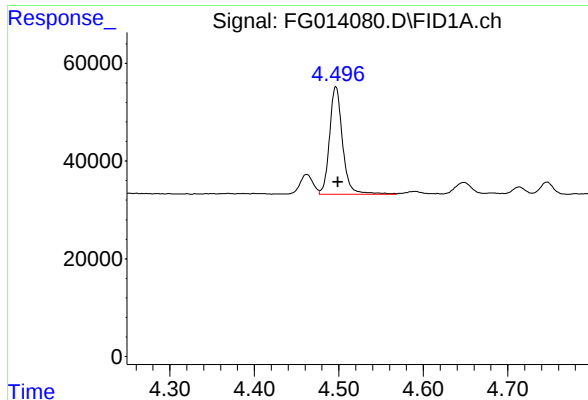
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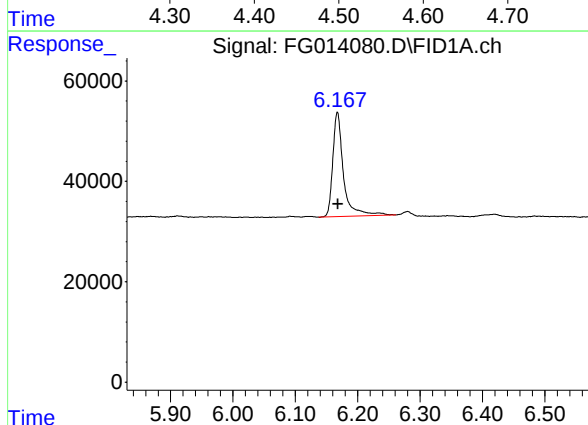
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 234755
Conc: 1.82 ug/ml

Instrument :
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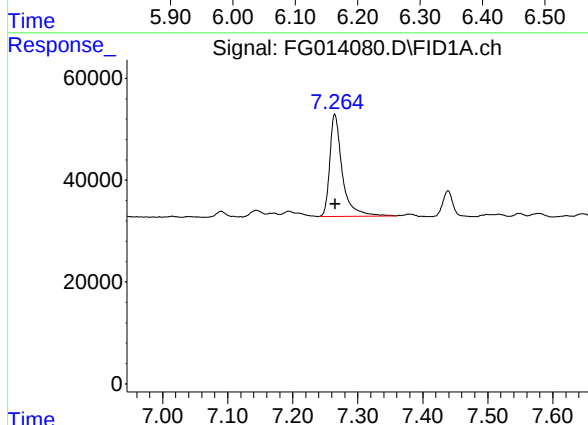
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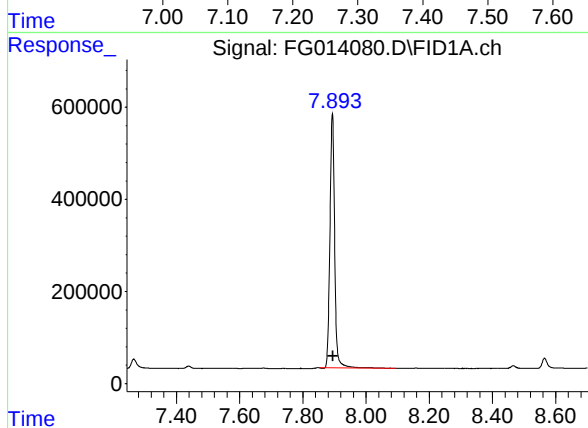
#2 Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 248657
Conc: 1.87 ug/ml



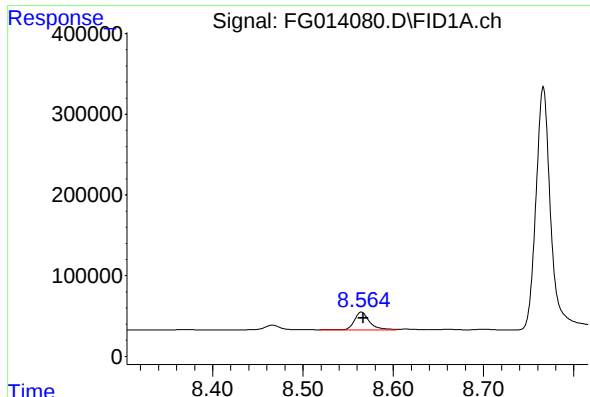
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: -0.001 min
Response: 270287
Conc: 2.04 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.893 min
Delta R.T.: -0.002 min
Response: 5729059
Conc: 51.07 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 261361
Conc: 1.97 ug/ml

Instrument :

FID_G

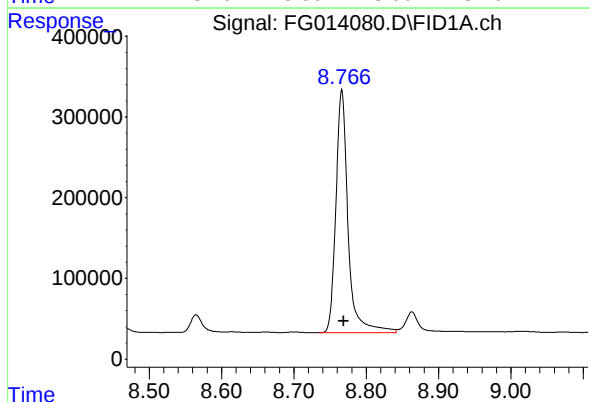
ClientSampleId :

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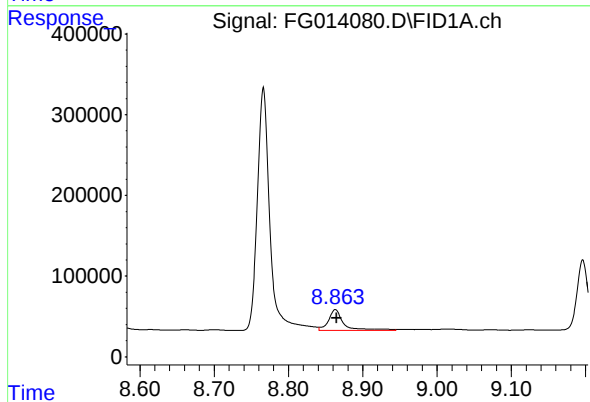
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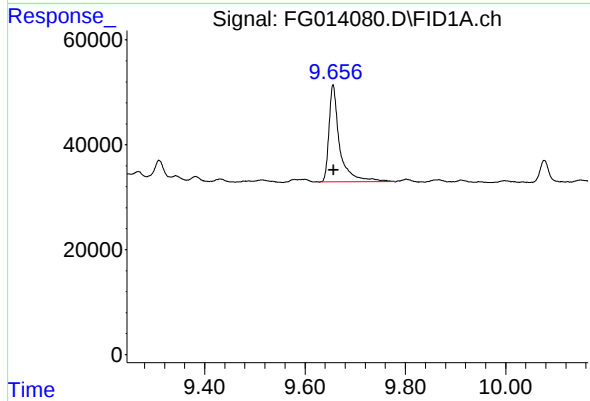
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.766 min
Delta R.T.: -0.003 min
Response: 3524224
Conc: 46.93 ug/ml



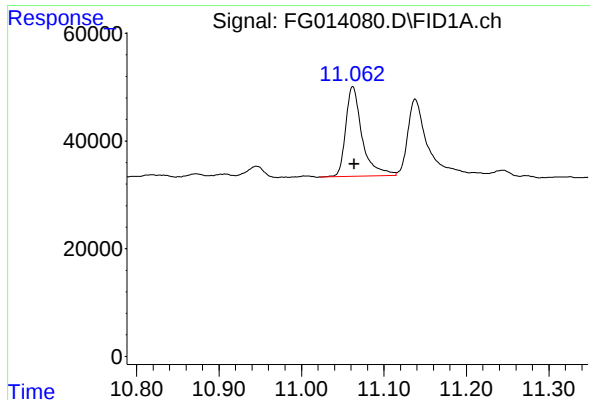
#7 Acenaphthene (C15.5)

R.T.: 8.863 min
Delta R.T.: -0.002 min
Response: 367518
Conc: 2.72 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.656 min
Delta R.T.: -0.001 min
Response: 276217
Conc: 2.15 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.062 min
Delta R.T.: -0.002 min
Response: 231258
Conc: 1.86 ug/ml

Instrument :

FID_G

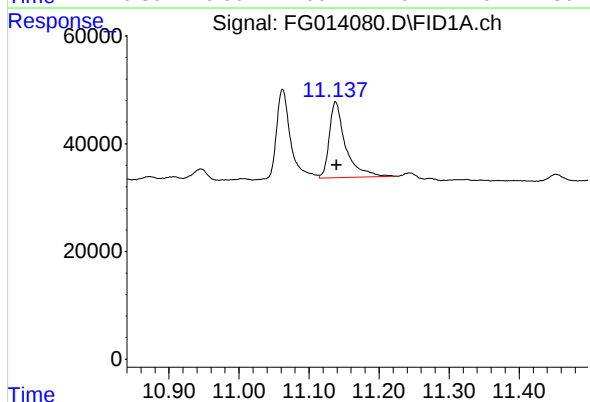
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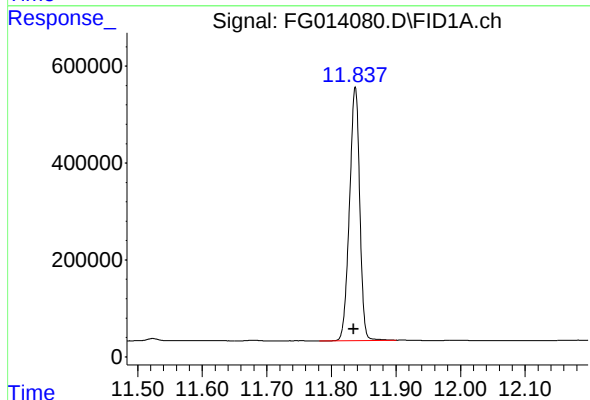
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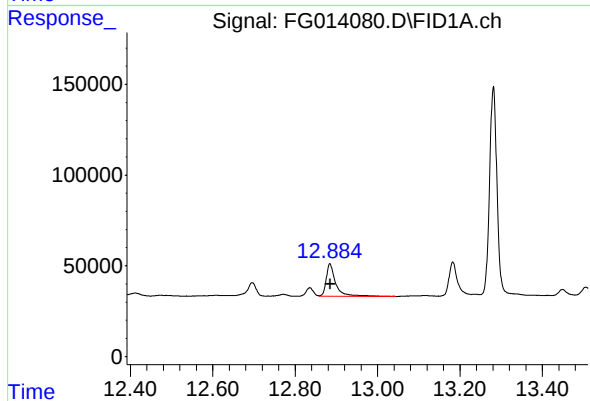
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: -0.001 min
Response: 228411
Conc: 1.82 ug/ml



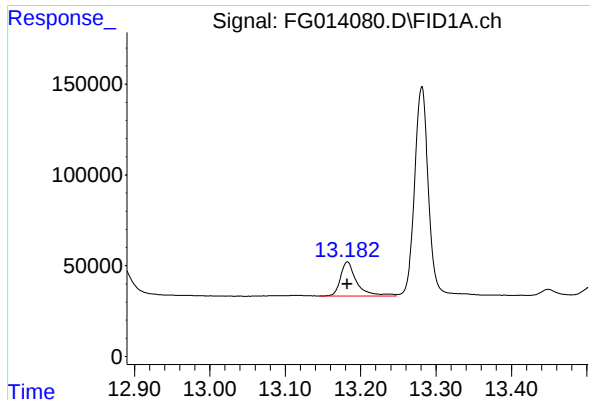
#11 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: 0.002 min
Response: 5758178
Conc: 43.53 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.884 min
Delta R.T.: 0.000 min
Response: 289886
Conc: 2.27 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.182 min
Delta R.T.: 0.000 min
Response: 280811
Conc: 2.21 ug/ml

Instrument :

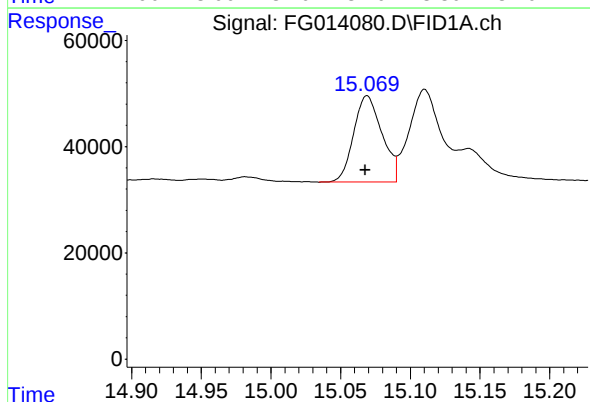
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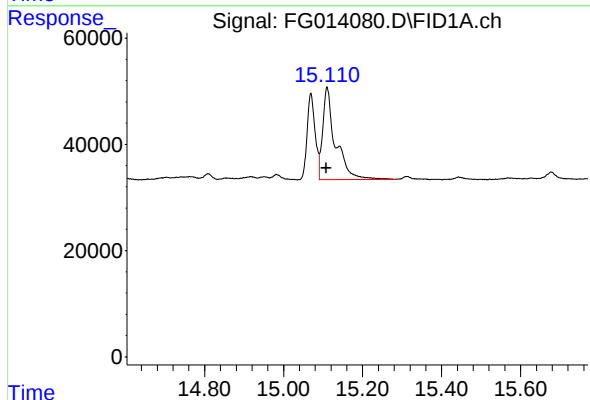
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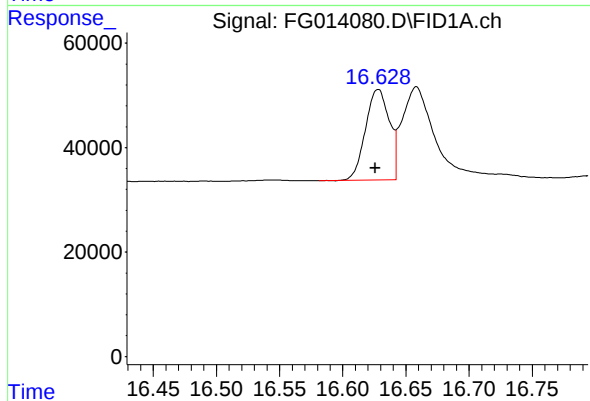
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.069 min
Delta R.T.: 0.001 min
Response: 229898
Conc: 1.97 ug/ml



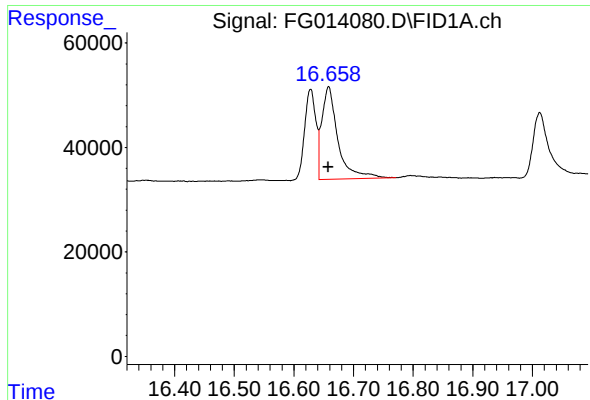
#15 Chrysene (C27.41)

R.T.: 15.110 min
Delta R.T.: 0.001 min
Response: 390186
Conc: 2.86 ug/ml



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

R.T.: 16.628 min
Delta R.T.: 0.002 min
Response: 228044
Conc: 1.84 ug/ml



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

R.T.: 16.658 min
Delta R.T.: 0.000 min
Response: 332661
Conc: 2.49 ug/ml

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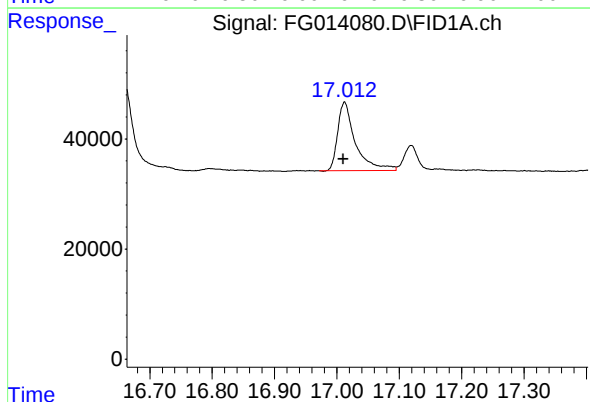
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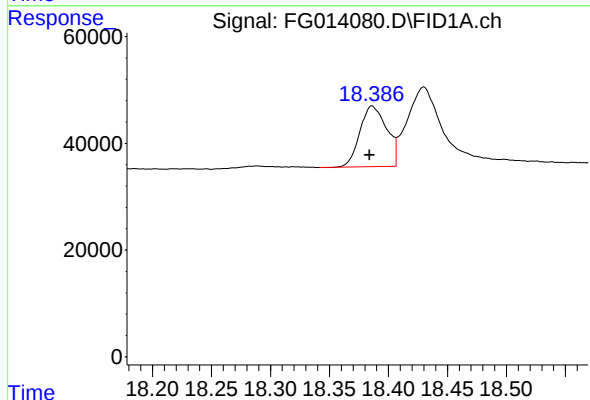
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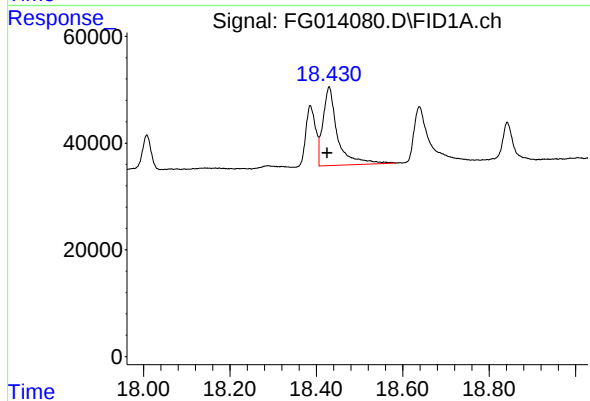
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.012 min
Delta R.T.: 0.002 min
Response: 245556
Conc: 1.95 ug/ml



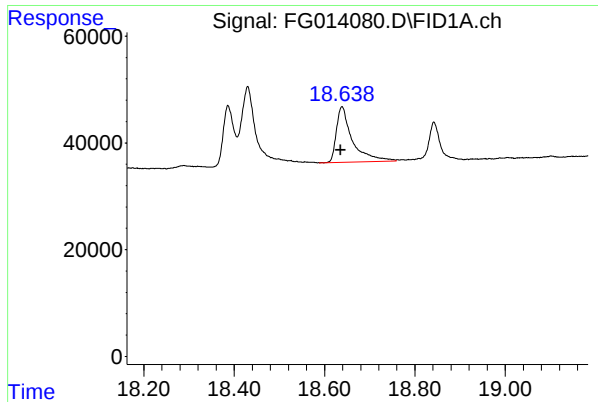
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.387 min
Delta R.T.: 0.003 min
Response: 180073
Conc: 1.76 ug/ml



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

R.T.: 18.430 min
Delta R.T.: 0.004 min
Response: 343144
Conc: 2.25 ug/ml



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

R.T.: 18.639 min
Delta R.T.: 0.003 min
Response: 256717
Conc: 1.85 ug/ml

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