

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080724AR\
 Data File : FG014076.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2024 09:02
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

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 04:42:10 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	2391578	21.317 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
6) S 2-Fluorobiphenyl (SURR)	8.766	1570095	20.908 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.82%
11) S ortho-Terphenyl (SURR)	11.834	2772785	20.961 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	2700336	20.901 ug/ml
2) T Naphthalene (C11.7)	6.166	2818851	21.196 ug/ml
3) T 2-Methylnaphthalene (...)	7.264	2766412	20.910 ug/ml
5) T Acenaphthylene (C15.06)	8.565	2772852	20.953 ug/ml
7) T Acenaphthene (C15.5)	8.864	2814458	20.808 ug/ml
8) T Fluorene (C16.55)	9.655	2687467	20.907 ug/ml
9) T Phenanthrene (C19.36)	11.061	2605952	20.907 ug/ml
10) T Anthracene (C19.43)	11.137	2563986	20.385 ug/ml
12) T Fluoranthene (C21.85)	12.883	2666661	20.898 ug/ml
13) T Pyrene (C20.8)	13.181	2682167	21.090 ug/ml
14) T Benzo[a]anthracene (C...	15.065	2363341	20.282 ug/ml
15) T Chrysene (C27.41)	15.107	2748657	20.154 ug/ml
16) T benzo[b]fluoranthene ...	16.626	2488251	20.127 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.656	2619532	19.596 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.005	2422657	19.209 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.379	1661874	16.232 ug/mlm
20) T Dibenz[a,h]anthracene...	18.421	2357112	15.445 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.633	2270771	16.358 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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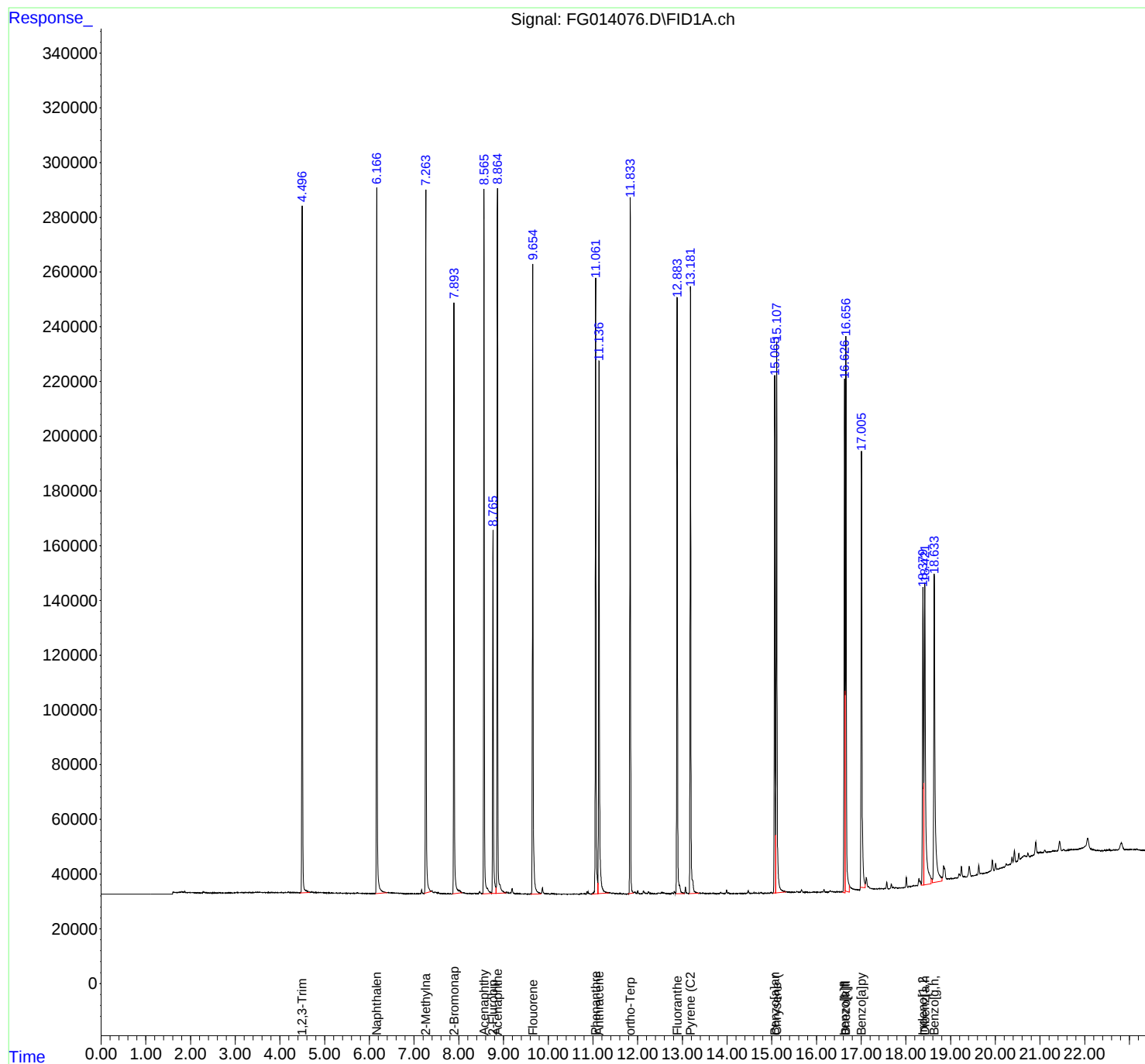
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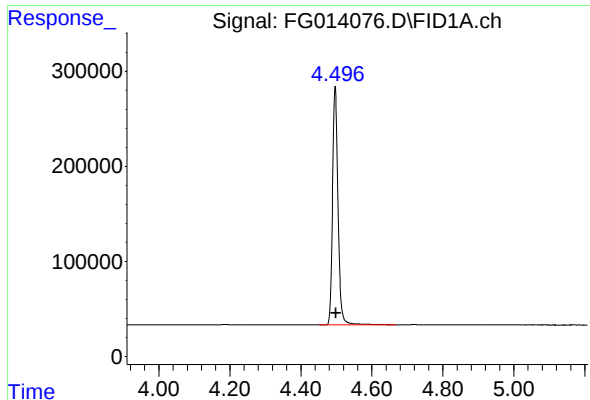
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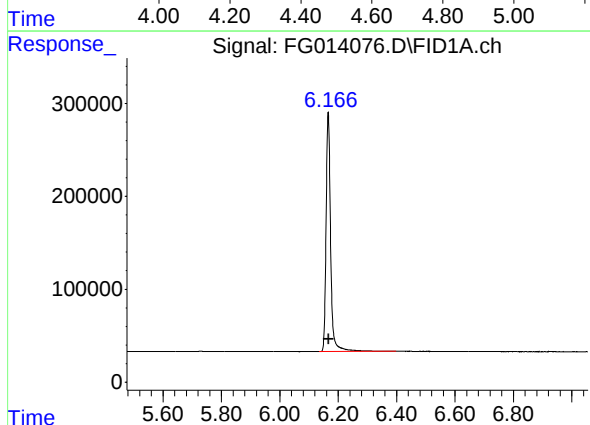
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 2700336
Conc: 20.90 ug/ml

Instrument :
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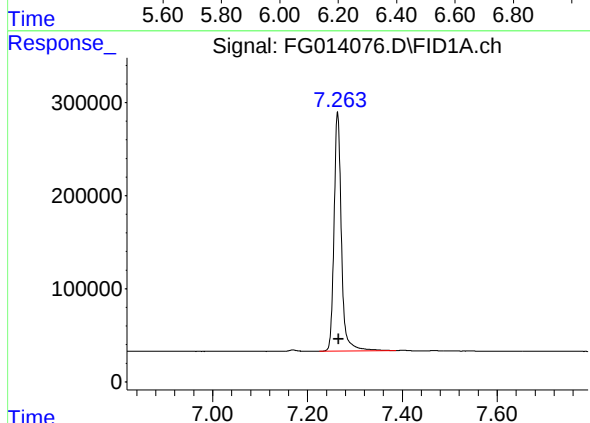
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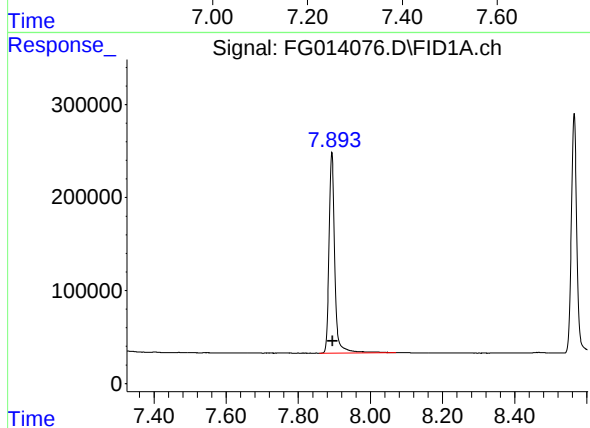
#2 Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 2818851
Conc: 21.20 ug/ml



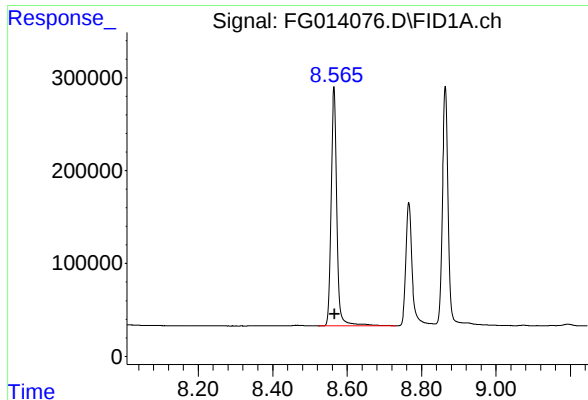
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: -0.002 min
Response: 2766412
Conc: 20.91 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.893 min
Delta R.T.: -0.002 min
Response: 2391578
Conc: 21.32 ug/ml



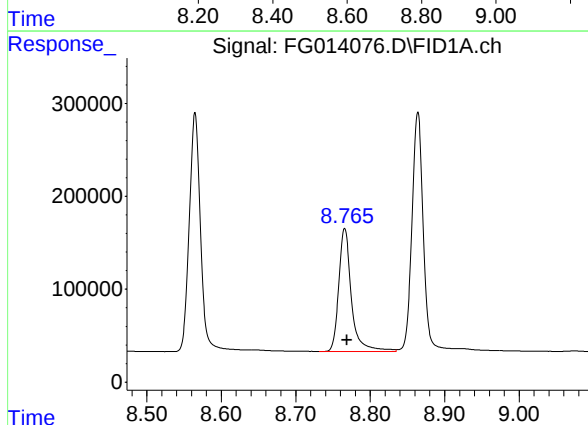
#5 Acenaphthylene (C15.06)

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 2772852
Conc: 20.95 ug/ml

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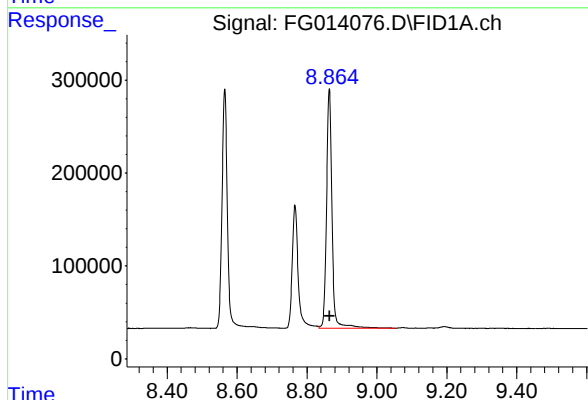
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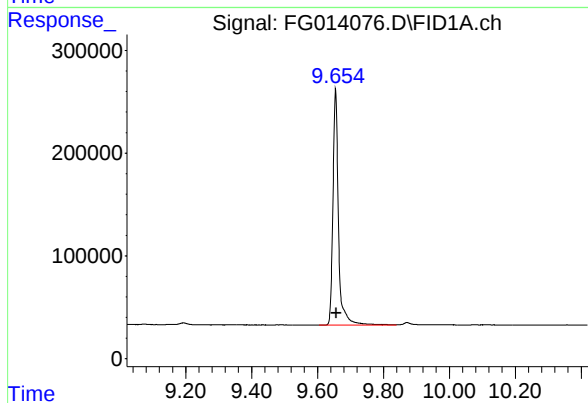
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.766 min
Delta R.T.: -0.003 min
Response: 1570095
Conc: 20.91 ug/ml



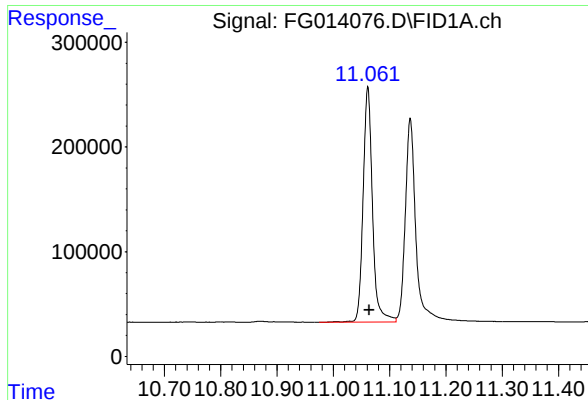
#7 Acenaphthene (C15.5)

R.T.: 8.864 min
Delta R.T.: -0.001 min
Response: 2814458
Conc: 20.81 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.655 min
Delta R.T.: -0.002 min
Response: 2687467
Conc: 20.91 ug/ml



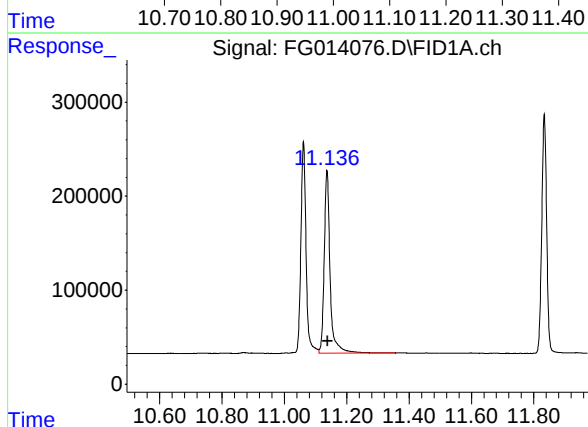
#9 Phenanthrene (C19.36)

R.T.: 11.061 min
Delta R.T.: -0.003 min
Response: 2605952
Conc: 20.91 ug/ml

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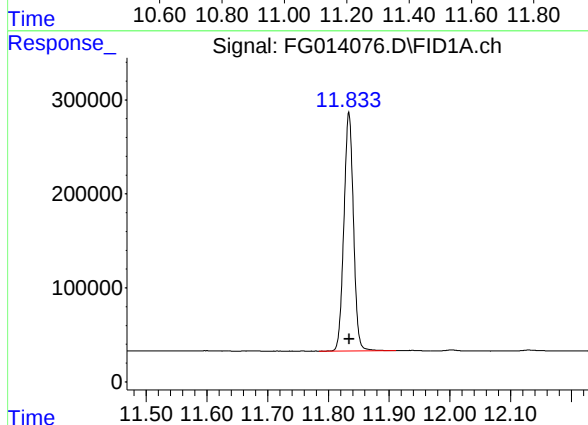
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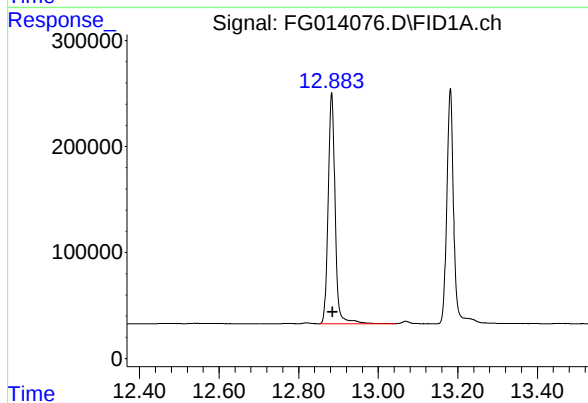
#10 Anthracene (C19.43)

R.T.: 11.137 min
Delta R.T.: -0.003 min
Response: 2563986
Conc: 20.39 ug/ml



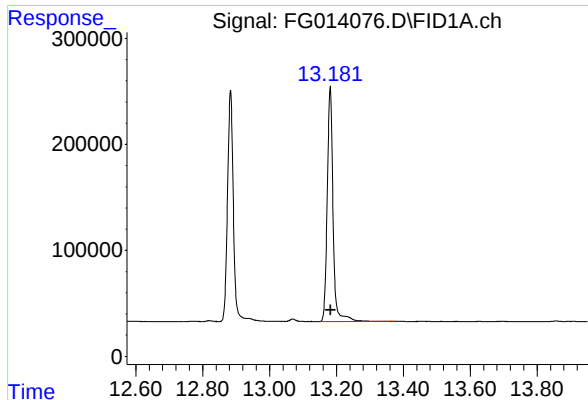
#11 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: 0.000 min
Response: 2772785
Conc: 20.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.883 min
Delta R.T.: -0.002 min
Response: 2666661
Conc: 20.90 ug/ml



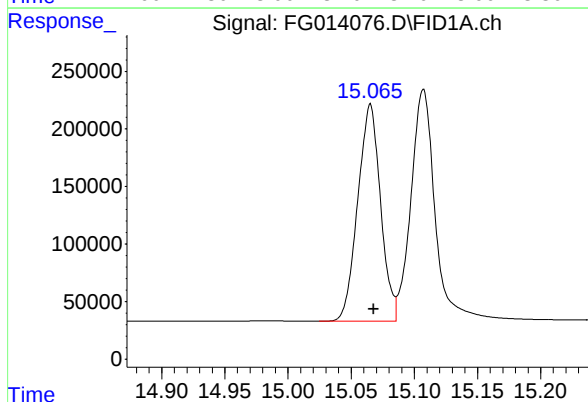
#13 Pyrene (C20.8)

R.T.: 13.181 min
Delta R.T.: -0.001 min
Response: 2682167
Conc: 21.09 ug/ml

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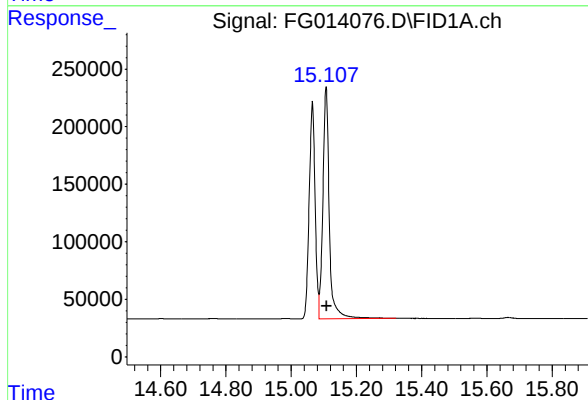
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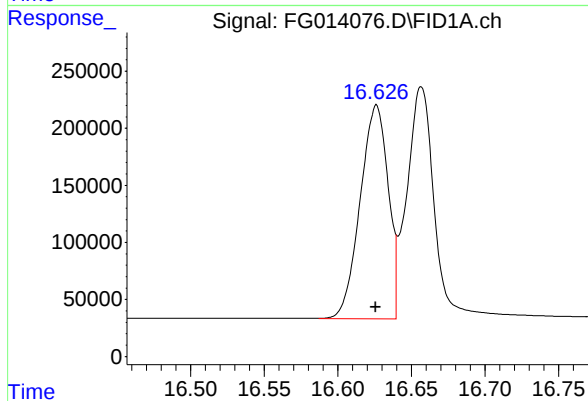
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.065 min
Delta R.T.: -0.003 min
Response: 2363341
Conc: 20.28 ug/ml



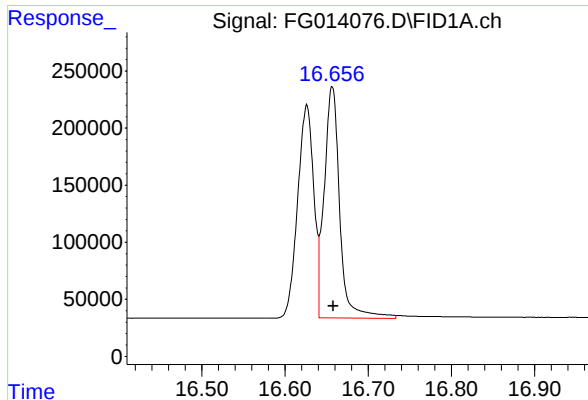
#15 Chrysene (C27.41)

R.T.: 15.107 min
Delta R.T.: -0.002 min
Response: 2748657
Conc: 20.15 ug/ml



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

R.T.: 16.626 min
Delta R.T.: 0.000 min
Response: 2488251
Conc: 20.13 ug/ml m



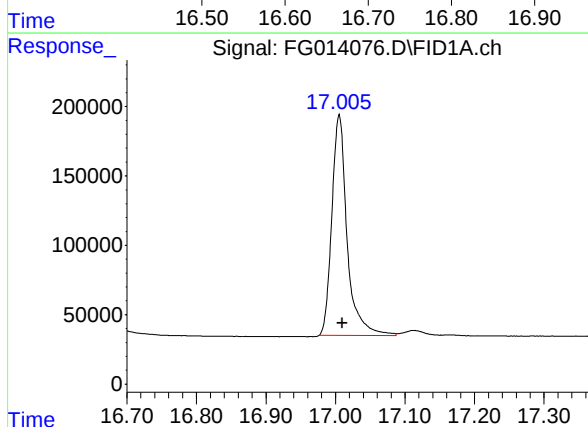
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.656 min
Delta R.T.: -0.002 min
Response: 2619532
Conc: 19.60 ug/ml

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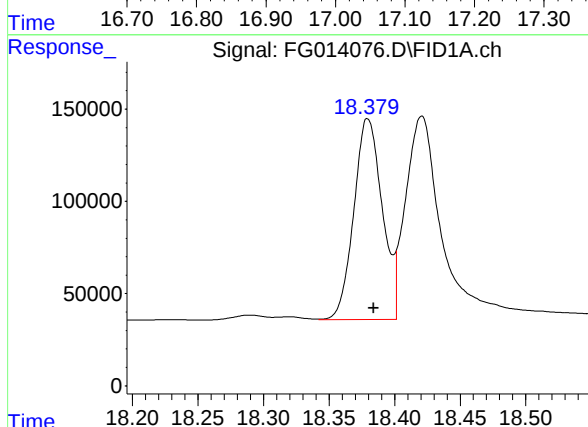
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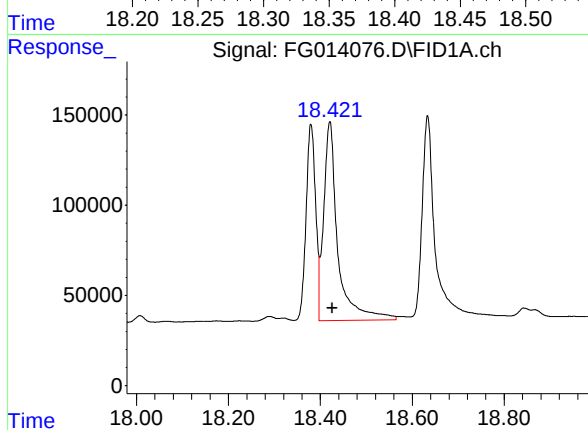
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.005 min
Delta R.T.: -0.005 min
Response: 2422657
Conc: 19.21 ug/ml



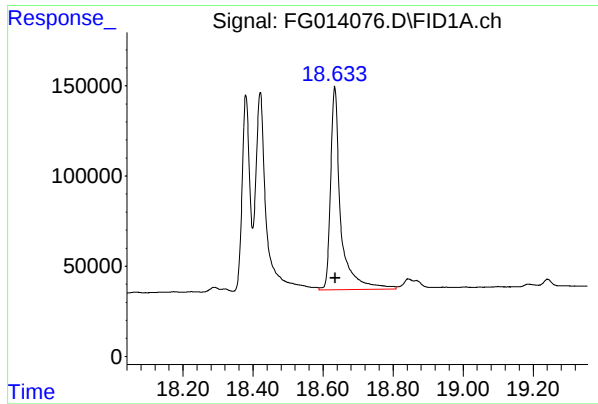
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.379 min
Delta R.T.: -0.005 min
Response: 1661874
Conc: 16.23 ug/ml m



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

R.T.: 18.421 min
Delta R.T.: -0.005 min
Response: 2357112
Conc: 15.45 ug/ml m



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

R.T.: 18.633 min
Delta R.T.: -0.002 min
Response: 2270771
Conc: 16.36 ug/ml

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