

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080824AR\
 Data File : FG014095.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2024 07:14
 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 07:38:45 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...	7.890	2316379	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
6) S 2-Fluorobiphenyl (SURR)	8.762	1517012	20.201 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.40%
11) S ortho-Terphenyl (SURR)	11.830	2690785	20.341 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	2592643	20.067 ug/ml
2) T Naphthalene (C11.7)	6.162	2712448	20.395 ug/ml
3) T 2-Methylnaphthalene (...)	7.260	2661809	20.119 ug/ml
5) T Acenaphthylene (C15.06)	8.560	2676060	20.221 ug/ml
7) T Acenaphthene (C15.5)	8.860	2719940	20.109 ug/ml
8) T Flouorene (C16.55)	9.651	2619116	20.375 ug/ml
9) T Phenanthrene (C19.36)	11.057	2512559	20.158 ug/ml
10) T Anthracene (C19.43)	11.133	2545350	20.237 ug/ml
12) T Fluoranthene (C21.85)	12.879	2589221	20.291 ug/ml
13) T Pyrene (C20.8)	13.177	2613370	20.549 ug/ml
14) T Benzo[a]anthracene (C...	15.060	2342581	20.104 ug/ml
15) T Chrysene (C27.41)	15.102	2756461	20.211 ug/ml
16) T benzo[b]fluoranthene ...	16.620	2358251	19.076 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.651	2634044	19.704 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.001	2340889	18.561 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.375	1527568	14.920 ug/ml
20) T Dibenz[a,h]anthracene...	18.415	2357764	15.449 ug/ml
21) T Benzo[g,h,i]perylene ...	18.628	2162542	15.578 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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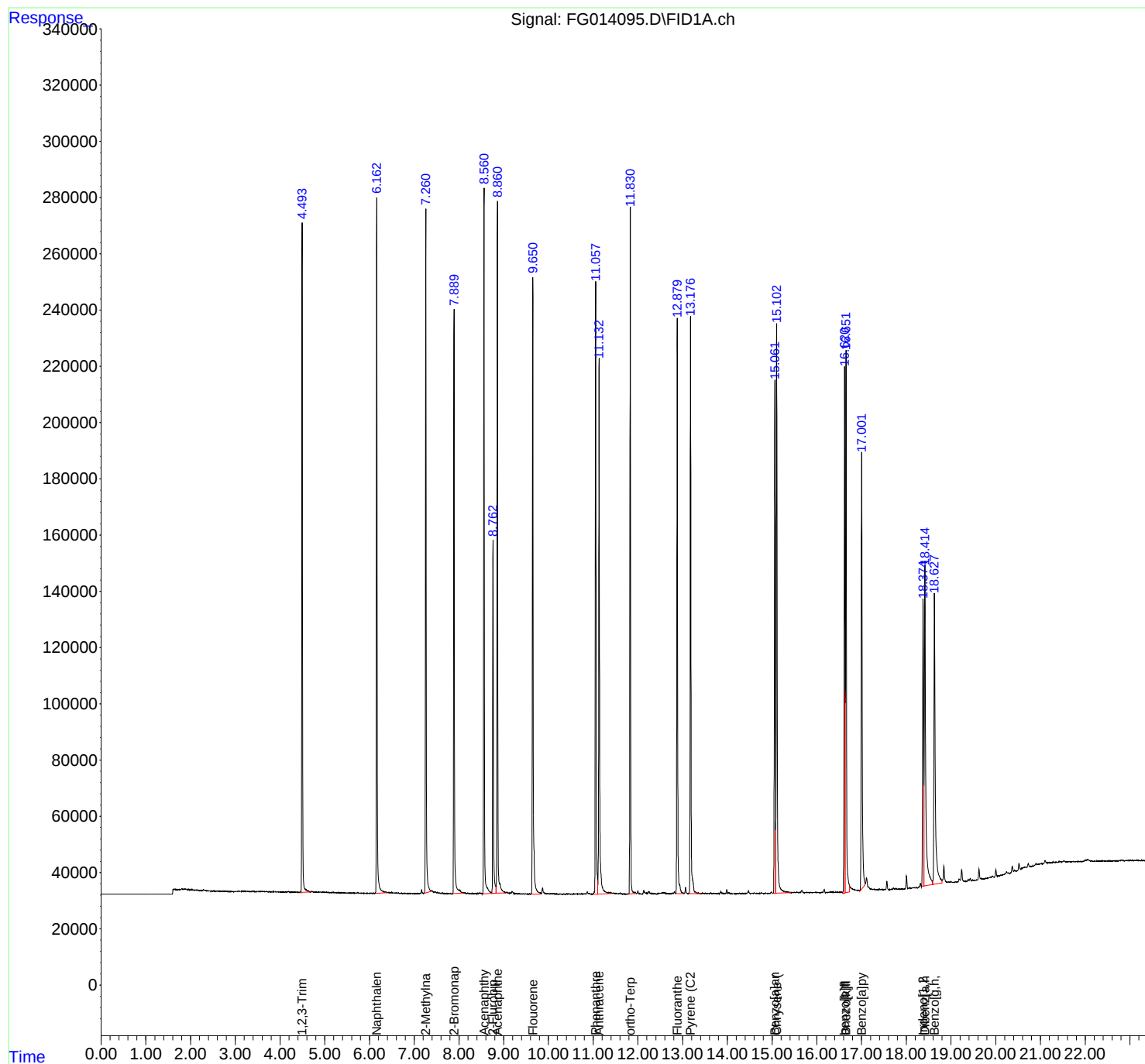
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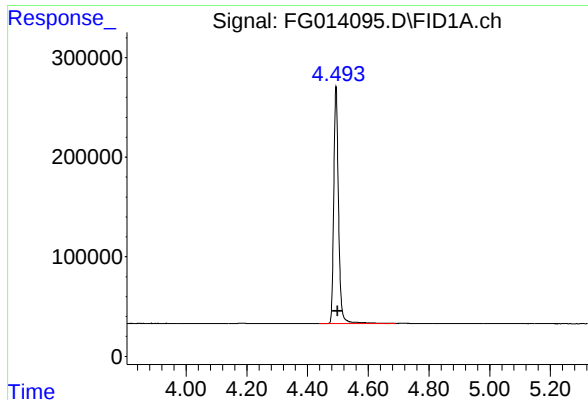
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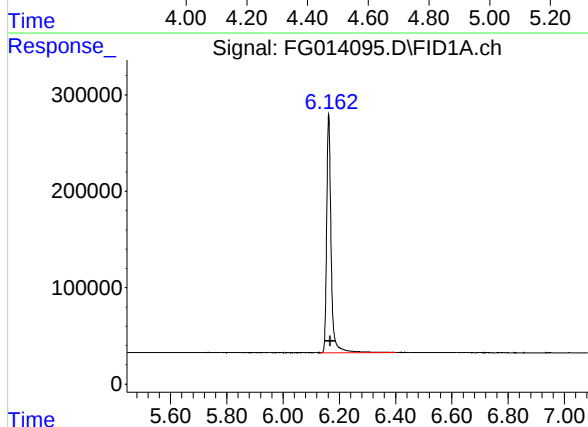
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.494 min
Delta R.T.: -0.005 min
Response: 2592643
Conc: 20.07 ug/ml

Instrument :
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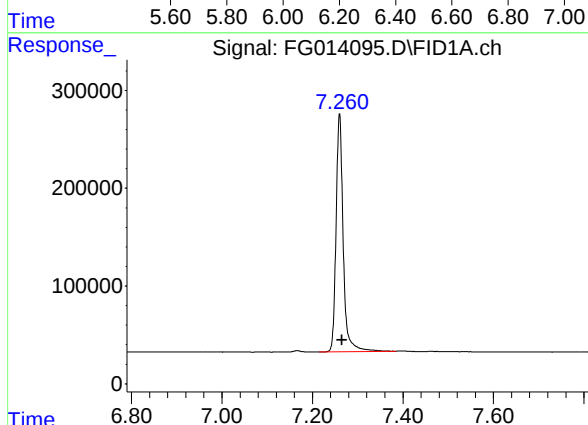
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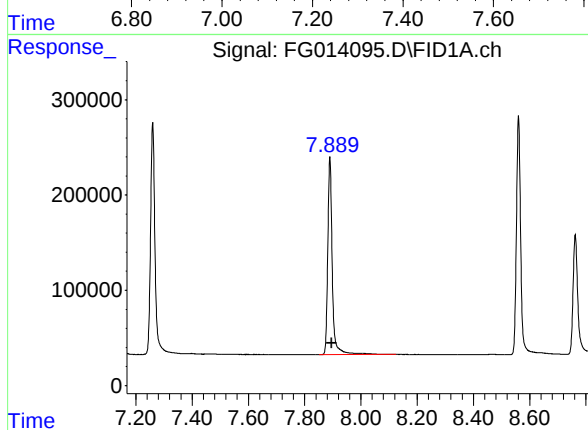
#2 Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: -0.006 min
Response: 2712448
Conc: 20.40 ug/ml



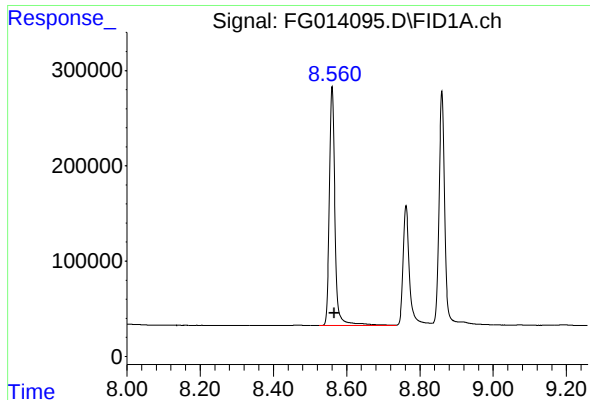
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: -0.006 min
Response: 2661809
Conc: 20.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.890 min
Delta R.T.: -0.005 min
Response: 2316379
Conc: 20.65 ug/ml



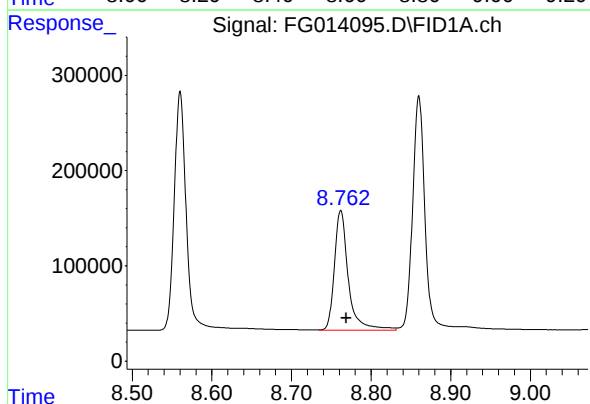
#5 Acenaphthylene (C15.06)

R.T.: 8.560 min
Delta R.T.: -0.006 min
Response: 2676060
Conc: 20.22 ug/ml

Instrument :
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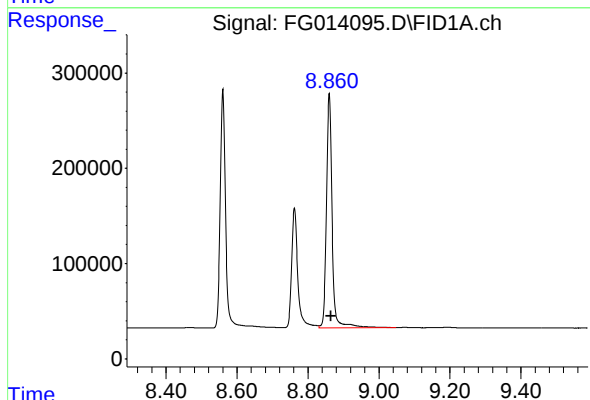
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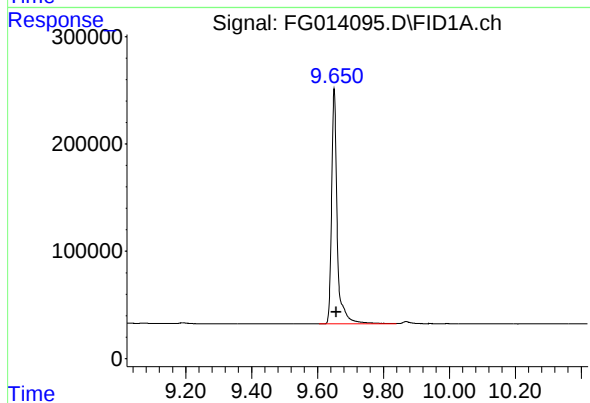
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.762 min
Delta R.T.: -0.007 min
Response: 1517012
Conc: 20.20 ug/ml



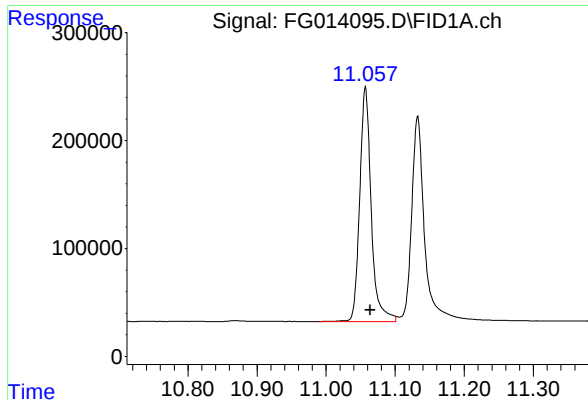
#7 Acenaphthene (C15.5)

R.T.: 8.860 min
Delta R.T.: -0.005 min
Response: 2719940
Conc: 20.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.651 min
Delta R.T.: -0.006 min
Response: 2619116
Conc: 20.38 ug/ml



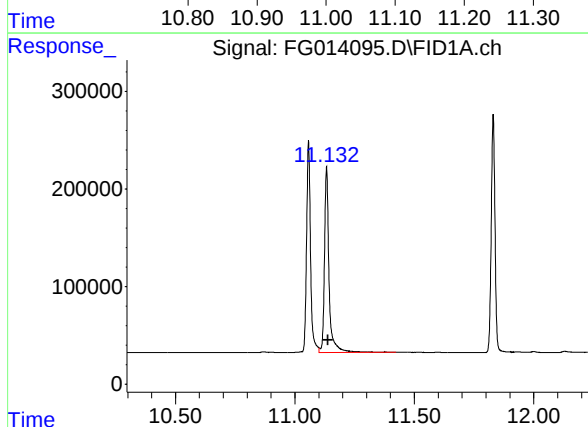
#9 Phenanthrene (C19.36)

R.T.: 11.057 min
Delta R.T.: -0.007 min
Response: 2512559
Conc: 20.16 ug/ml

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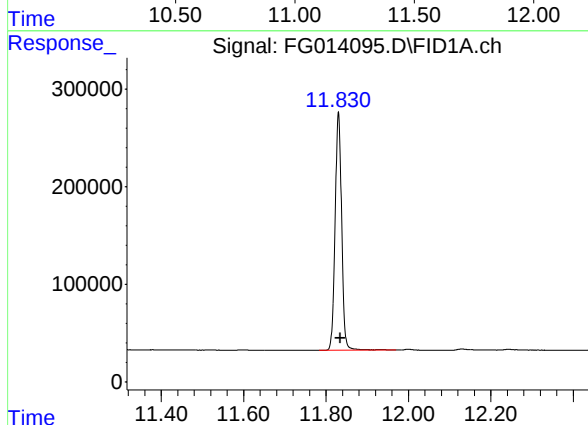
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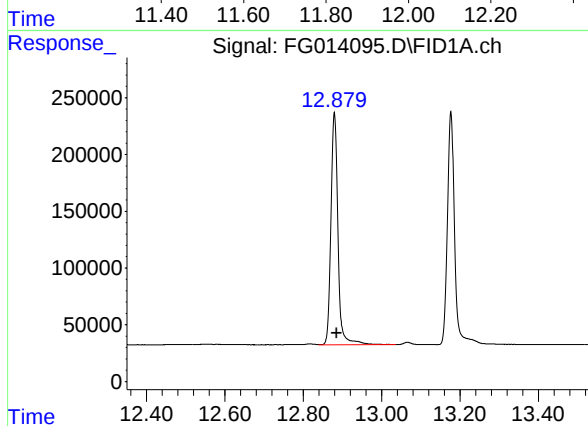
#10 Anthracene (C19.43)

R.T.: 11.133 min
Delta R.T.: -0.007 min
Response: 2545350
Conc: 20.24 ug/ml



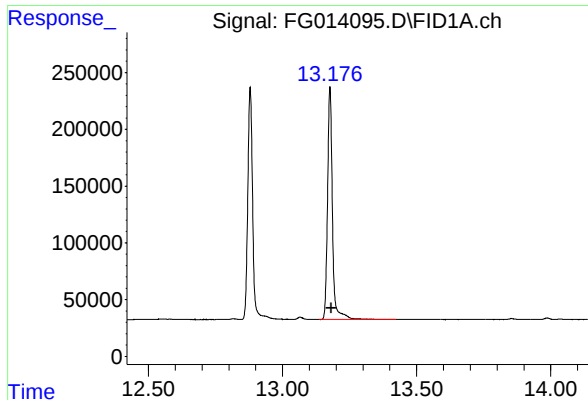
#11 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.004 min
Response: 2690785
Conc: 20.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.879 min
Delta R.T.: -0.006 min
Response: 2589221
Conc: 20.29 ug/ml



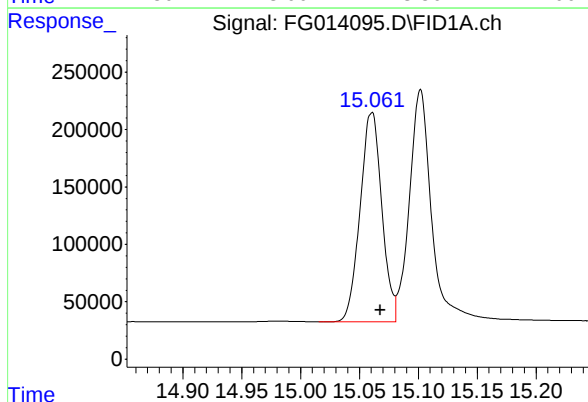
#13 Pyrene (C20.8)

R.T.: 13.177 min
Delta R.T.: -0.005 min
Response: 2613370
Conc: 20.55 ug/ml

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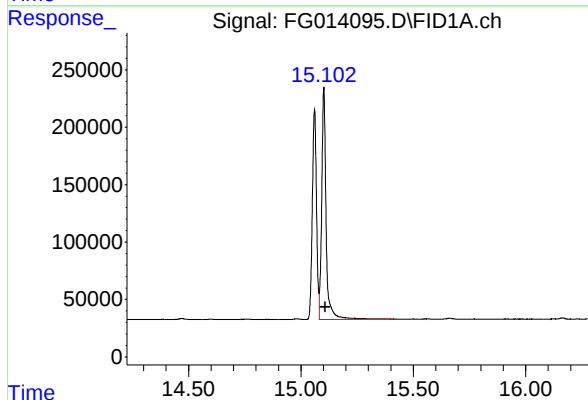
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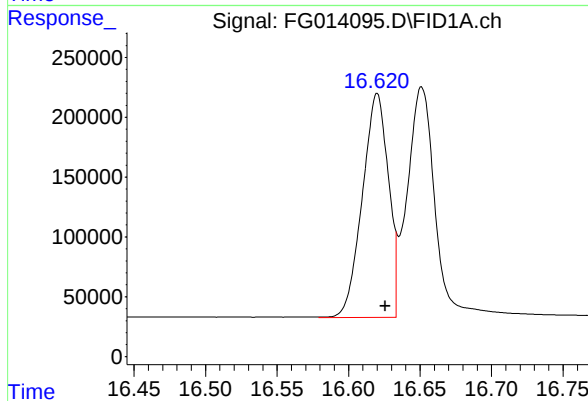
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.060 min
Delta R.T.: -0.007 min
Response: 2342581
Conc: 20.10 ug/ml



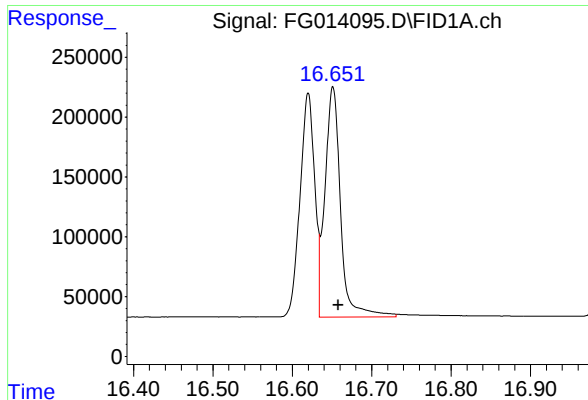
#15 Chrysene (C27.41)

R.T.: 15.102 min
Delta R.T.: -0.007 min
Response: 2756461
Conc: 20.21 ug/ml



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

R.T.: 16.620 min
Delta R.T.: -0.006 min
Response: 2358251
Conc: 19.08 ug/ml m



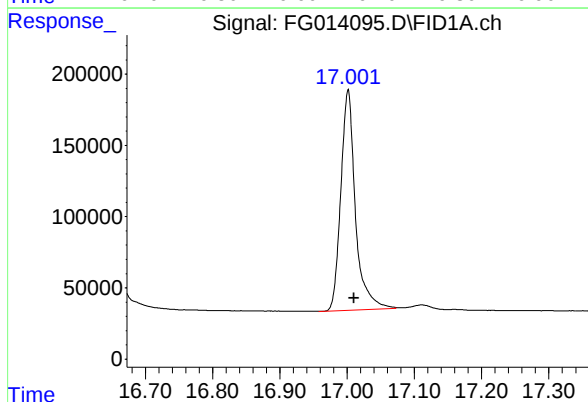
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.651 min
Delta R.T.: -0.007 min
Response: 2634044
Conc: 19.70 ug/ml

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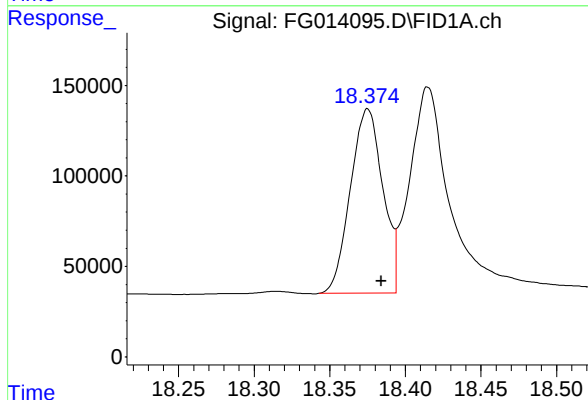
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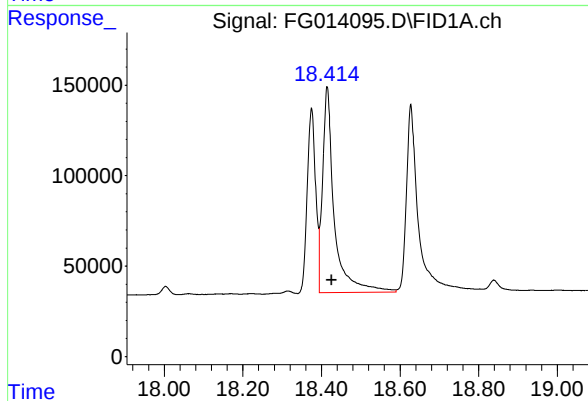
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.001 min
Delta R.T.: -0.009 min
Response: 2340889
Conc: 18.56 ug/ml



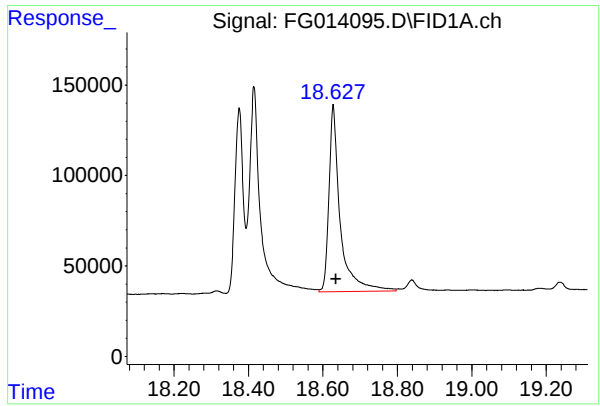
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.375 min
Delta R.T.: -0.009 min
Response: 1527568
Conc: 14.92 ug/ml



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

R.T.: 18.415 min
Delta R.T.: -0.011 min
Response: 2357764
Conc: 15.45 ug/ml



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

R.T.: 18.628 min
Delta R.T.: -0.007 min
Response: 2162542
Conc: 15.58 ug/ml

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