

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AR\
 Data File : FG016443.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 16:56
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File: autoint1.e
 Quant Time: Aug 29 05:04:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 04:51:23 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...	8.109	2029871	19.062 ug/mlm
Spiked Amount 50.000		Recovery =	38.12%
6) S 2-Fluorobiphenyl (SURR)	8.993	1396724	19.320 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.64%
11) S ortho-Terphenyl (SURR)	12.075	2422909	19.211 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.695	2295465	19.254 ug/ml
2) T Naphthalene (C11.7)	6.377	2414700	19.343 ug/ml
3) T 2-Methylnaphthalene (...)	7.479	2410366	19.506 ug/ml
5) T Acenaphthylene (C15.06)	8.791	2389146	19.443 ug/ml
7) T Acenaphthene (C15.5)	9.092	2457579	19.209 ug/ml
8) T Flouorene (C16.55)	9.887	2360590	19.218 ug/ml
9) T Phenanthrene (C19.36)	11.305	2340268	19.319 ug/ml
10) T Anthracene (C19.43)	11.381	2318033	19.085 ug/ml
12) T Fluoranthene (C21.85)	13.141	2345127	19.276 ug/ml
13) T Pyrene (C20.8)	13.442	2307165	19.105 ug/ml
14) T Benzo[a]anthracene (C...	15.336	2177916	19.248 ug/ml
15) T Chrysene (C27.41)	15.379	2259495	18.980 ug/ml
16) T benzo[b]fluoranthene ...	16.907	2217740	19.258 ug/ml
17) T Bnezo[k]fluoranthene ...	16.938	2169643	19.116 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.291	2214053	19.157 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.672	1930256	18.658 ug/ml
20) T Dibenz[a,h]anthracene...	18.710	2418945	19.098 ug/ml
21) T Benzo[g,h,i]perylene ...	18.930	2258243	18.586 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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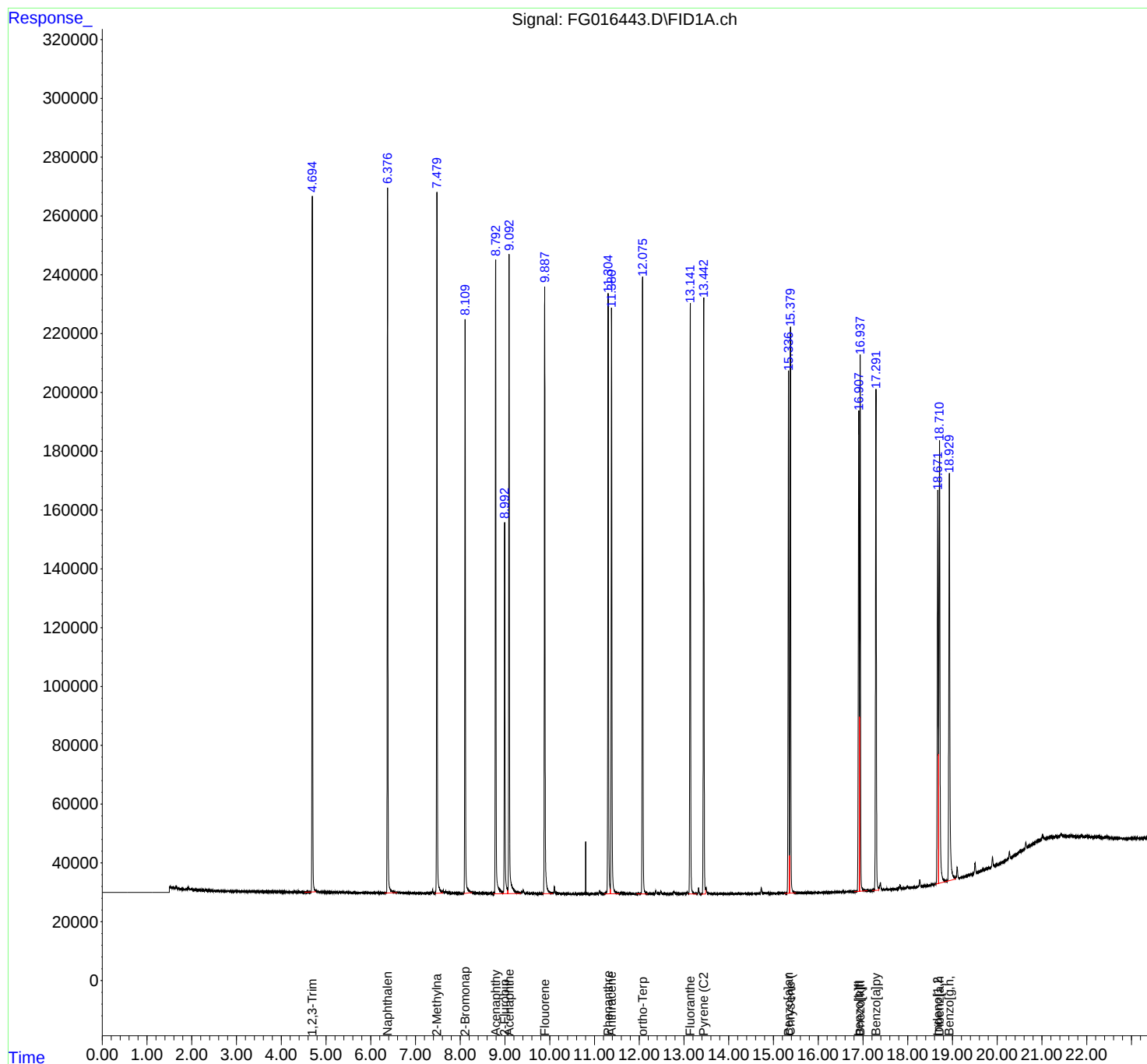
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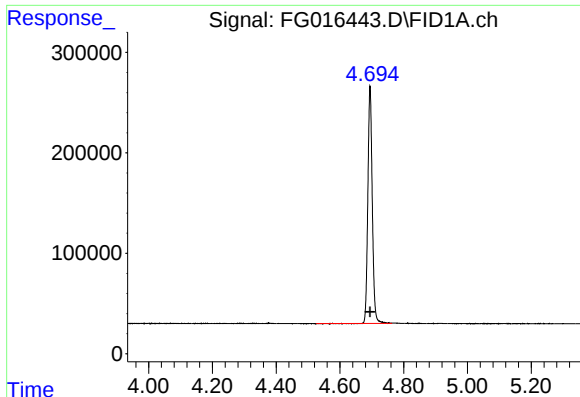
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 2295465
Conc: 19.25 ug/ml

Instrument :

FID_G

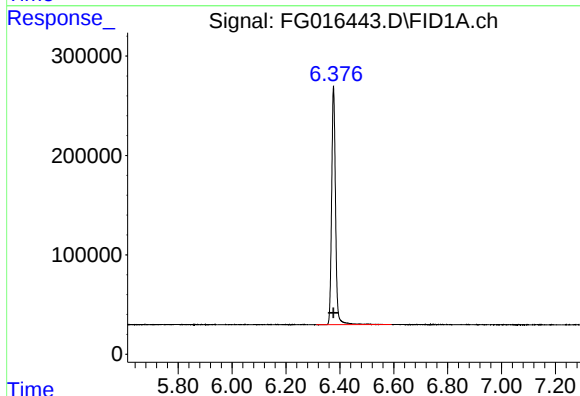
ClientSampleId :

20 PPM AROMATIC HC STD ICV

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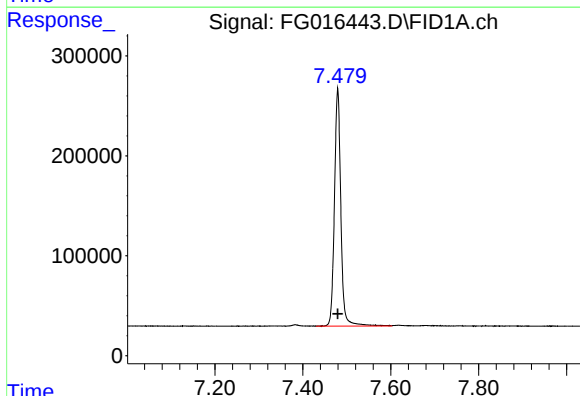
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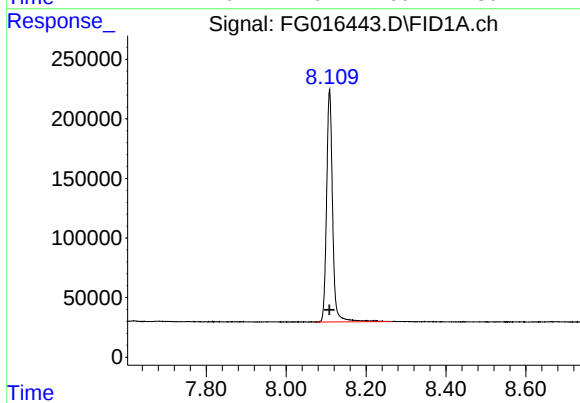
#2 Naphthalene (C11.7)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 2414700
Conc: 19.34 ug/ml



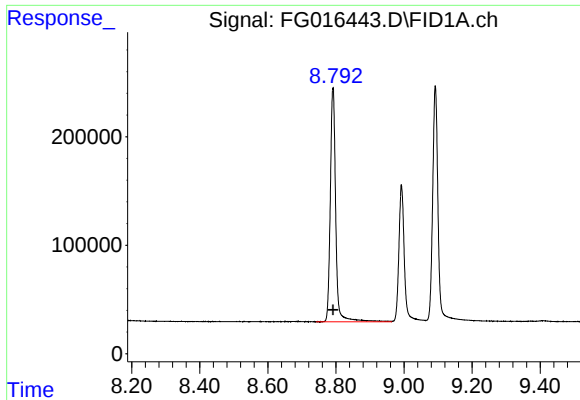
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 2410366
Conc: 19.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 2029871
Conc: 19.06 ug/ml m



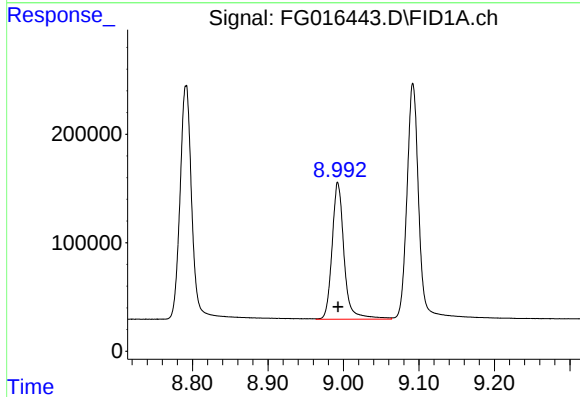
#5 Acenaphthylene (C15.06)

R.T.: 8.791 min
Delta R.T.: 0.000 min
Response: 2389146
Conc: 19.44 ug/ml

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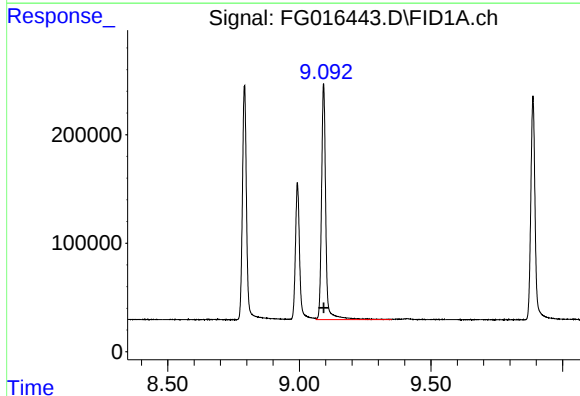
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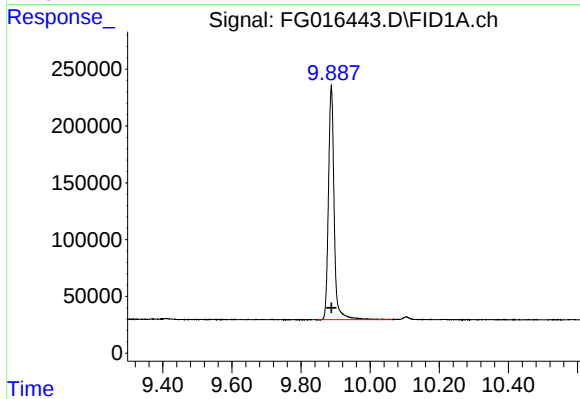
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.993 min
Delta R.T.: 0.000 min
Response: 1396724
Conc: 19.32 ug/ml



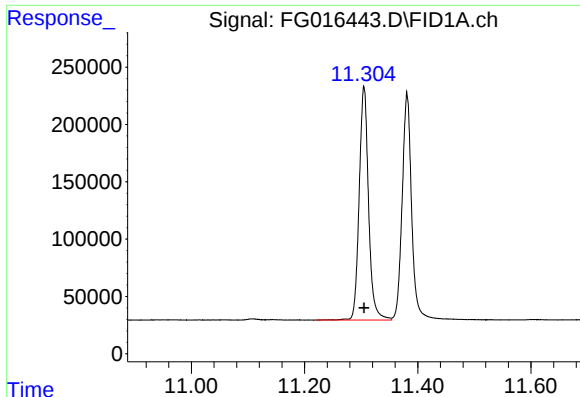
#7 Acenaphthene (C15.5)

R.T.: 9.092 min
Delta R.T.: 0.000 min
Response: 2457579
Conc: 19.21 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.887 min
Delta R.T.: 0.000 min
Response: 2360590
Conc: 19.22 ug/ml



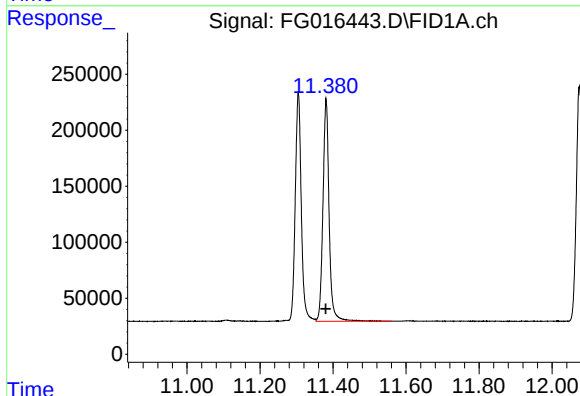
#9 Phenanthrene (C19.36)

R.T.: 11.305 min
Delta R.T.: 0.000 min
Response: 2340268
Conc: 19.32 ug/ml

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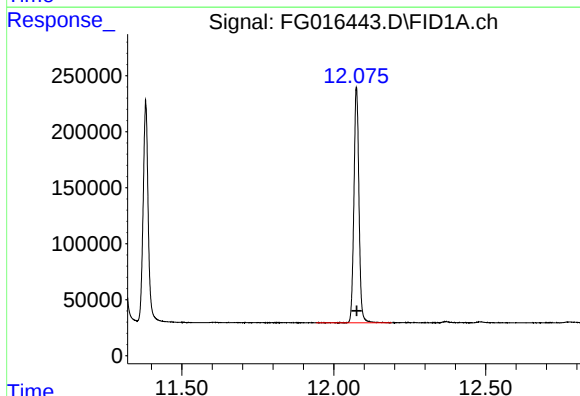
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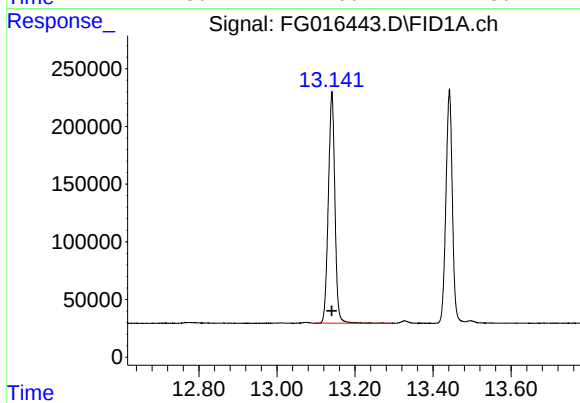
#10 Anthracene (C19.43)

R.T.: 11.381 min
Delta R.T.: 0.000 min
Response: 2318033
Conc: 19.09 ug/ml



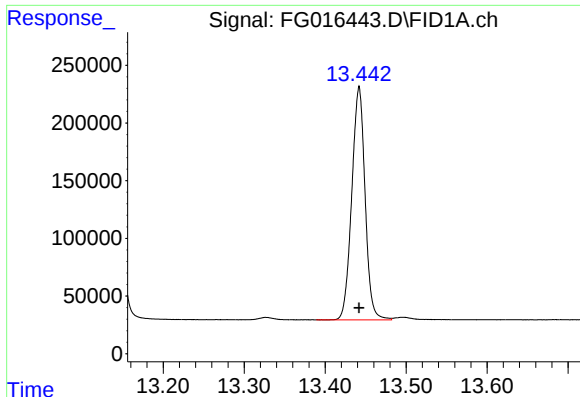
#11 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: 0.000 min
Response: 2422909
Conc: 19.21 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.141 min
Delta R.T.: 0.000 min
Response: 2345127
Conc: 19.28 ug/ml



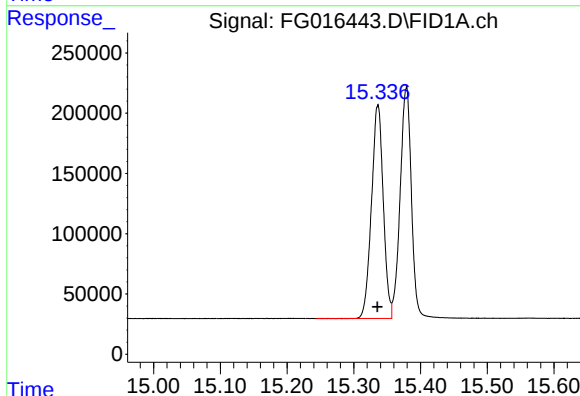
#13 Pyrene (C20.8)

R.T.: 13.442 min
Delta R.T.: 0.000 min
Response: 2307165
Conc: 19.10 ug/ml

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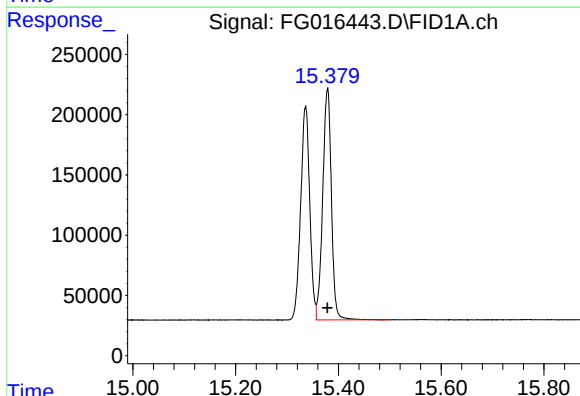
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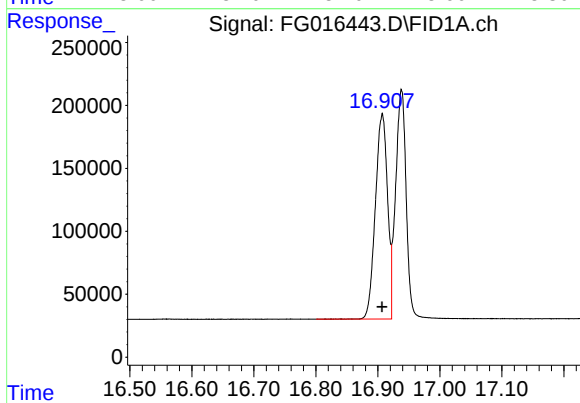
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.336 min
Delta R.T.: 0.000 min
Response: 2177916
Conc: 19.25 ug/ml



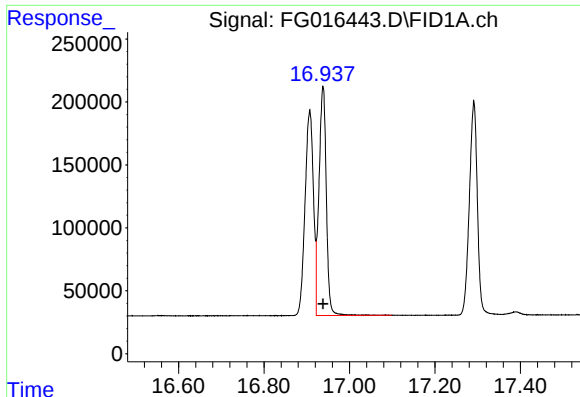
#15 Chrysene (C27.41)

R.T.: 15.379 min
Delta R.T.: 0.000 min
Response: 2259495
Conc: 18.98 ug/ml



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

R.T.: 16.907 min
Delta R.T.: 0.000 min
Response: 2217740
Conc: 19.26 ug/ml



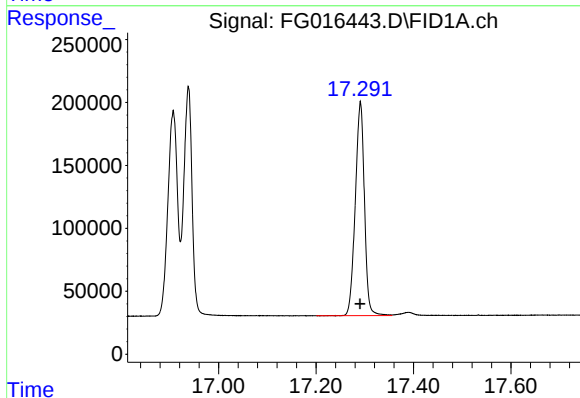
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.938 min
Delta R.T.: 0.000 min
Response: 2169643
Conc: 19.12 ug/ml

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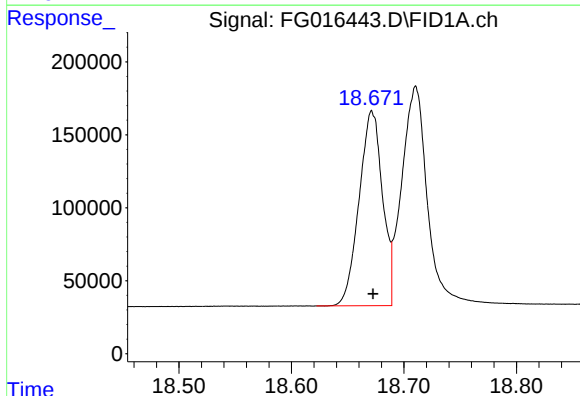
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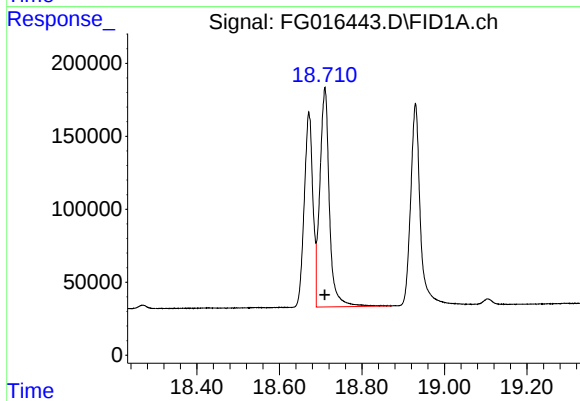
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.291 min
Delta R.T.: 0.000 min
Response: 2214053
Conc: 19.16 ug/ml



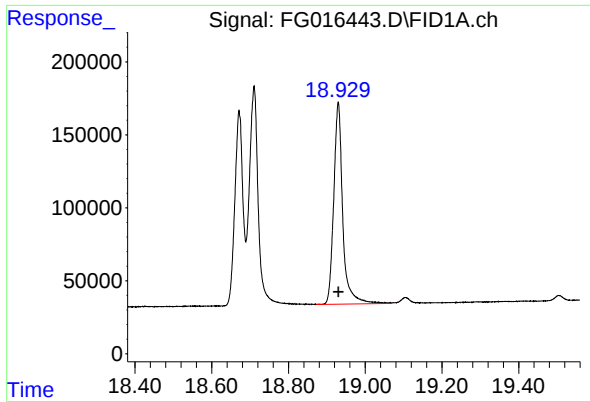
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.672 min
Delta R.T.: 0.000 min
Response: 1930256
Conc: 18.66 ug/ml



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

R.T.: 18.710 min
Delta R.T.: 0.000 min
Response: 2418945
Conc: 19.10 ug/ml



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

R.T.: 18.930 min
Delta R.T.: 0.000 min
Response: 2258243
Conc: 18.59 ug/ml

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