

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AR\
 Data File : FG017197.D
 Signal(s) : FID1A.ch
 Acq On : 17 Dec 2025 05:47
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 17 07:12:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 07:08:40 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...	8.065	2133463	21.205 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
6) S 2-Fluorobiphenyl (SURR)	8.950	1232251	20.682 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.36%
11) S ortho-Terphenyl (SURR)	12.027	2995616	20.068 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.650	2689349	20.466 ug/ml
2) T Naphthalene (C11.7)	6.333	2633487	20.728 ug/ml
3) T 2-Methylnaphthalene (...)	7.436	2572132	21.097 ug/ml
5) T Acenaphthylene (C15.06)	8.745	2592107	20.517 ug/ml
7) T Acenaphthene (C15.5)	9.045	2765118	20.393 ug/ml
8) T Flouorene (C16.55)	9.842	2502201	20.496 ug/ml
9) T Phenanthrene (C19.36)	11.258	2543720	20.371 ug/ml
10) T Anthracene (C19.43)	11.335	2812400	20.906 ug/ml
12) T Fluoranthene (C21.85)	13.093	2797712	20.132 ug/ml
13) T Pyrene (C20.8)	13.393	2838479	20.064 ug/ml
14) T Benzo[a]anthracene (C...	15.289	2257066	20.380 ug/ml
15) T Chrysene (C27.41)	15.331	2947336	19.885 ug/ml
16) T benzo[b]fluoranthene ...	16.859	2226962	20.084 ug/ml
17) T Bnezo[k]fluoranthene ...	16.890	2673702	19.813 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.245	2408636	20.733 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.629	1497060	17.142 ug/ml
20) T Dibenz[a,h]anthracene...	18.667	2886363	21.990 ug/ml
21) T Benzo[g,h,i]perylene ...	18.882	2265377	20.690 ug/ml

(f)=RT Delta > 1/2 Window

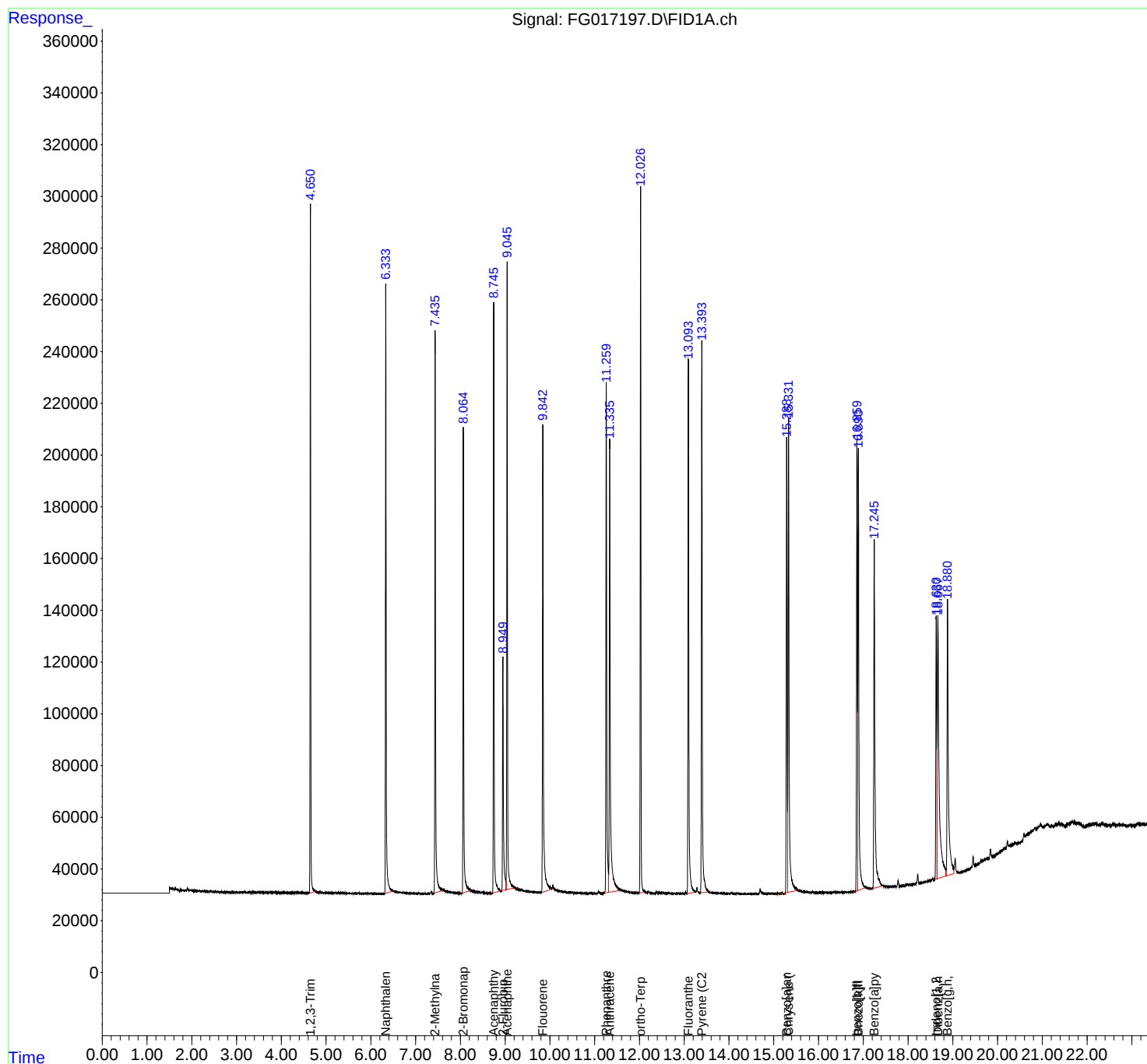
(m)=manual int.

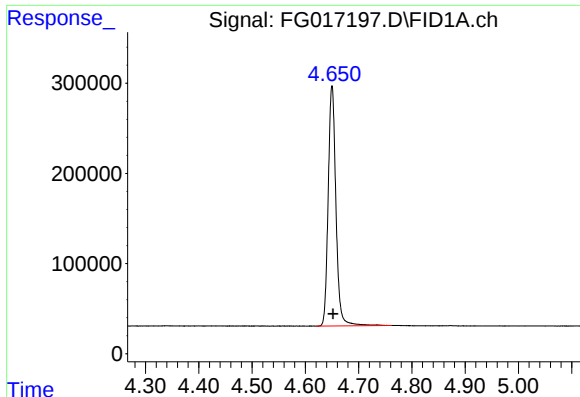
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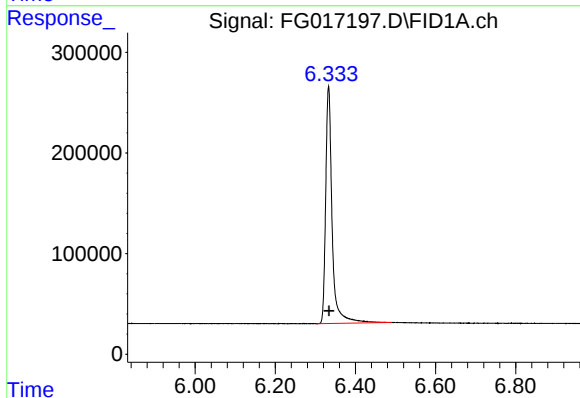




#1 1,2,3-Trimethylbenzene (C10.1)

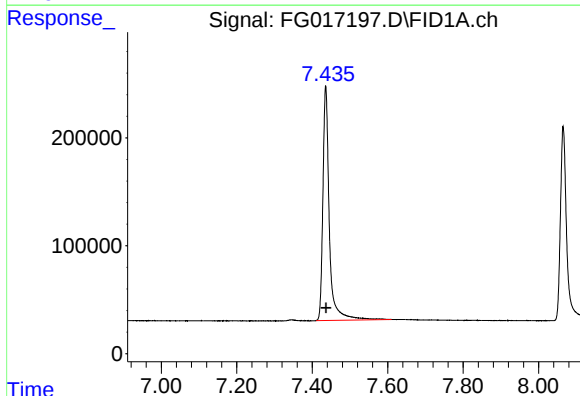
R.T.: 4.650 min
Delta R.T.: -0.002 min
Response: 2689349
Conc: 20.47 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



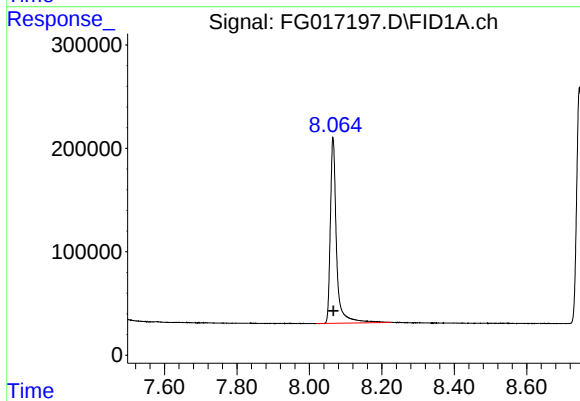
#2 Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: -0.001 min
Response: 2633487
Conc: 20.73 ug/ml



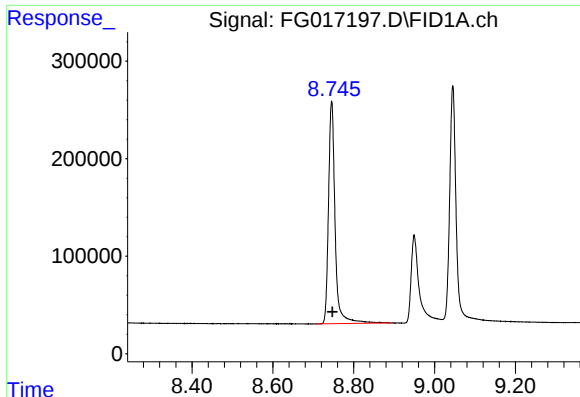
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.436 min
Delta R.T.: -0.001 min
Response: 2572132
Conc: 21.10 ug/ml



#4 2-Bromonaphthalene (SURR)

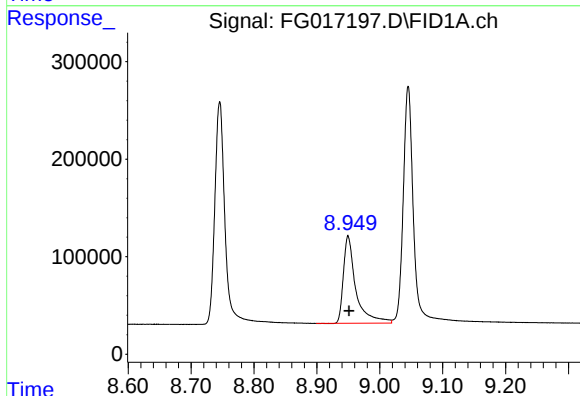
R.T.: 8.065 min
Delta R.T.: -0.001 min
Response: 2133463
Conc: 21.21 ug/ml



#5 Acenaphthylene (C15.06)

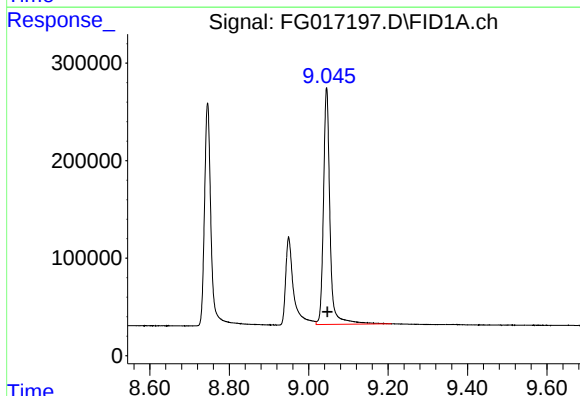
R.T.: 8.745 min
Delta R.T.: -0.002 min
Response: 2592107
Conc: 20.52 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



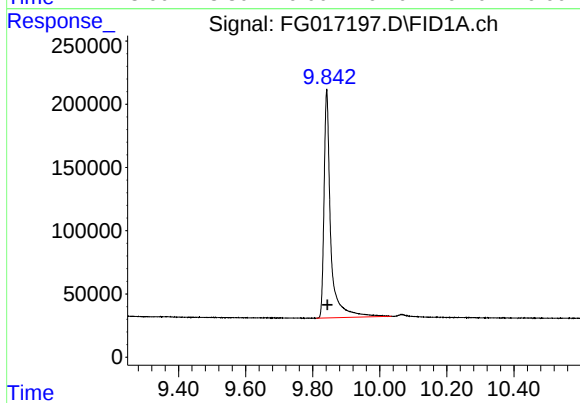
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.950 min
Delta R.T.: -0.001 min
Response: 1232251
Conc: 20.68 ug/ml



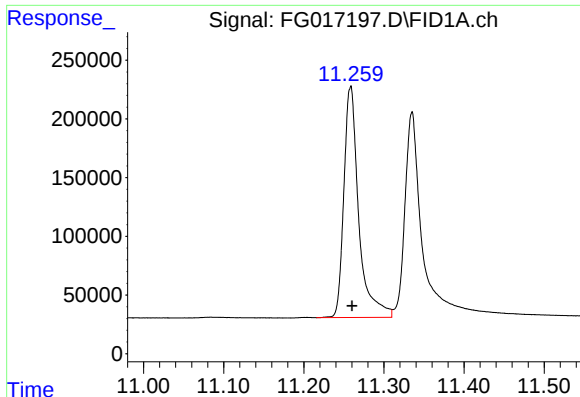
#7 Acenaphthene (C15.5)

R.T.: 9.045 min
Delta R.T.: -0.002 min
Response: 2765118
Conc: 20.39 ug/ml



#8 Fluorene (C16.55)

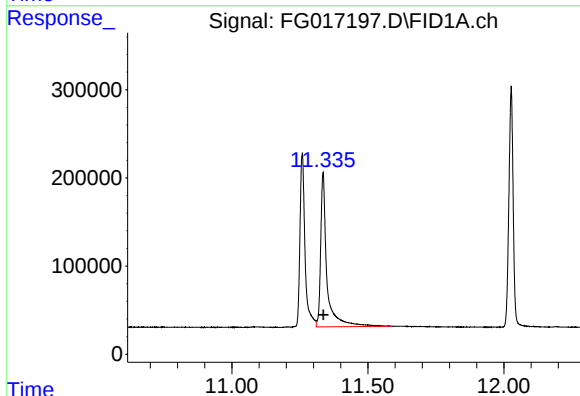
R.T.: 9.842 min
Delta R.T.: -0.002 min
Response: 2502201
Conc: 20.50 ug/ml



#9 Phenanthrene (C19.36)

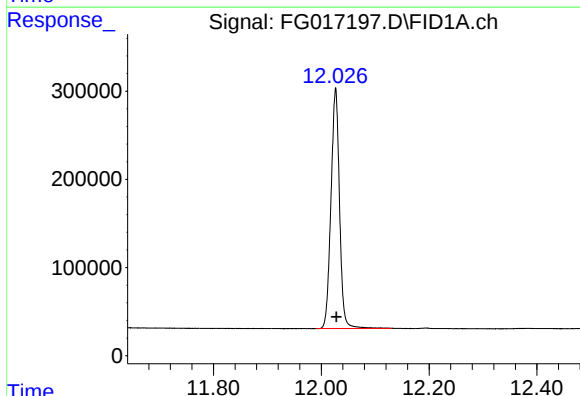
R.T.: 11.258 min
Delta R.T.: -0.002 min
Response: 2543720
Conc: 20.37 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



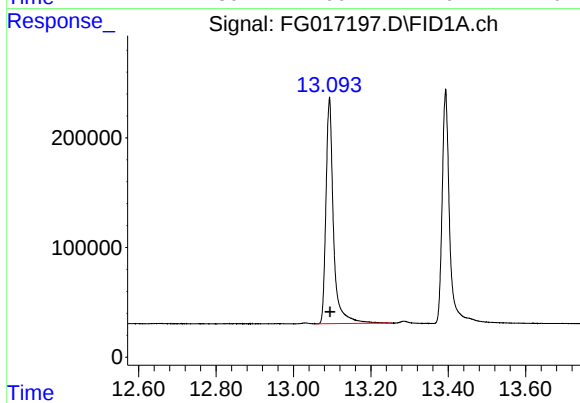
#10 Anthracene (C19.43)

R.T.: 11.335 min
Delta R.T.: -0.002 min
Response: 2812400
Conc: 20.91 ug/ml



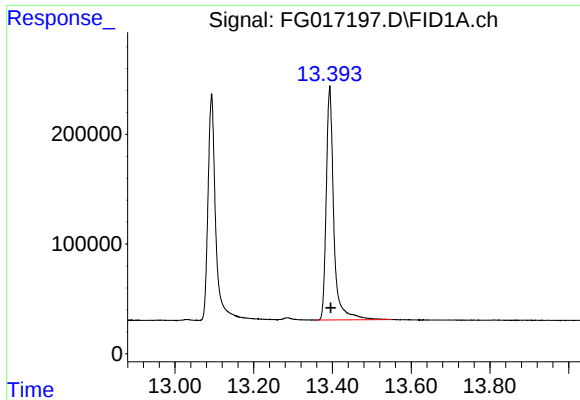
#11 ortho-Terphenyl (SURR)

R.T.: 12.027 min
Delta R.T.: -0.001 min
Response: 2995616
Conc: 20.07 ug/ml



#12 Fluoranthene (C21.85)

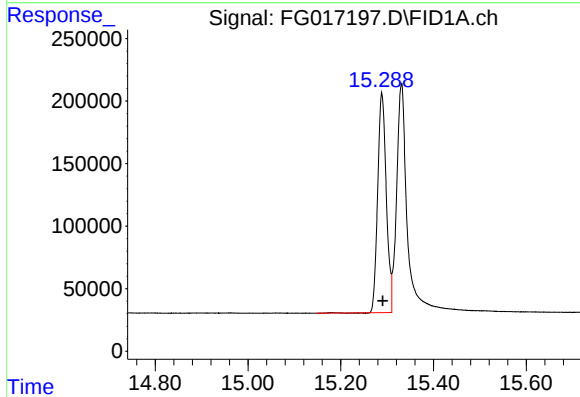
R.T.: 13.093 min
Delta R.T.: -0.002 min
Response: 2797712
Conc: 20.13 ug/ml



#13 Pyrene (C20.8)

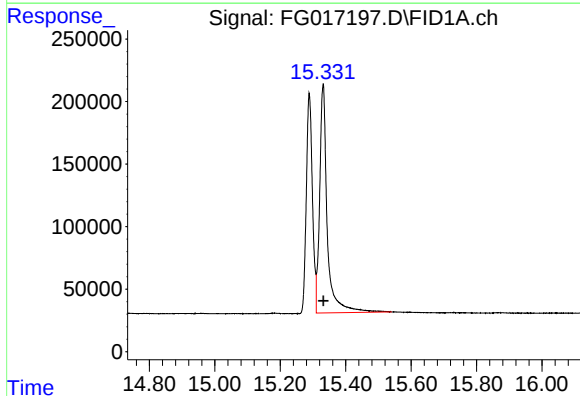
R.T.: 13.393 min
Delta R.T.: -0.002 min
Response: 2838479
Conc: 20.06 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



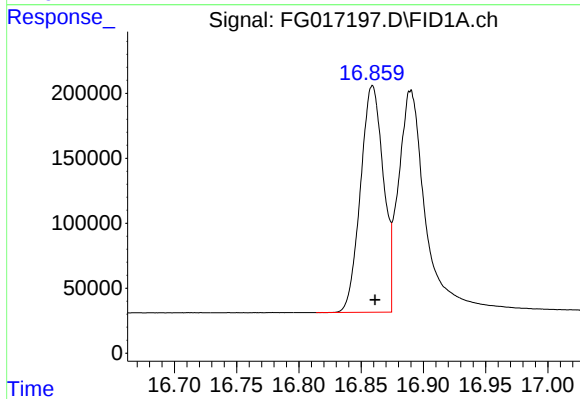
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.289 min
Delta R.T.: -0.002 min
Response: 2257066
Conc: 20.38 ug/ml



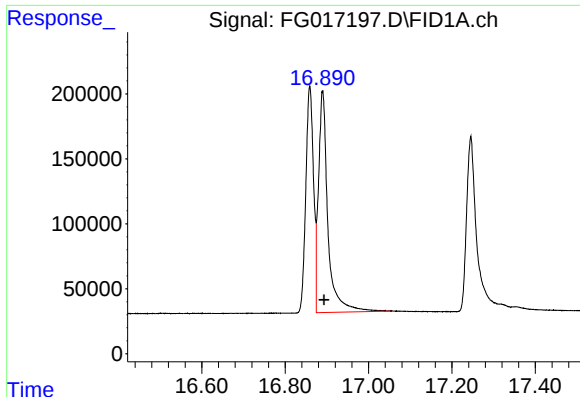
#15 Chrysene (C27.41)

R.T.: 15.331 min
Delta R.T.: -0.001 min
Response: 2947336
Conc: 19.89 ug/ml



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

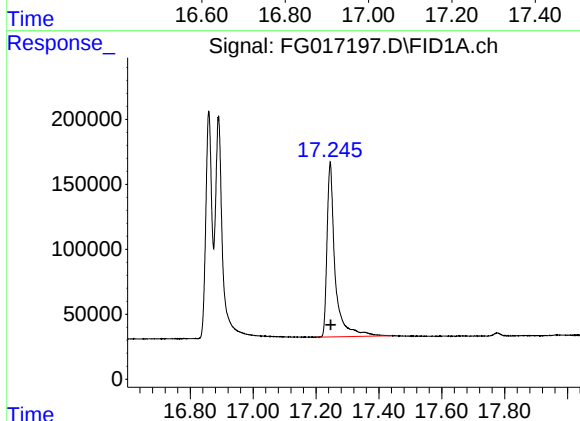
R.T.: 16.859 min
Delta R.T.: -0.002 min
Response: 2226962
Conc: 20.08 ug/ml



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

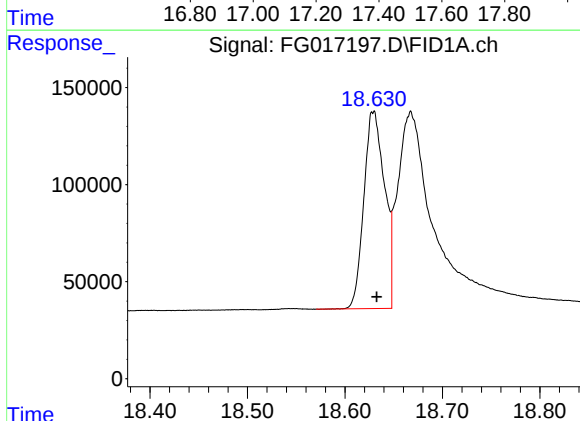
R.T.: 16.890 min
Delta R.T.: -0.003 min
Response: 2673702
Conc: 19.81 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



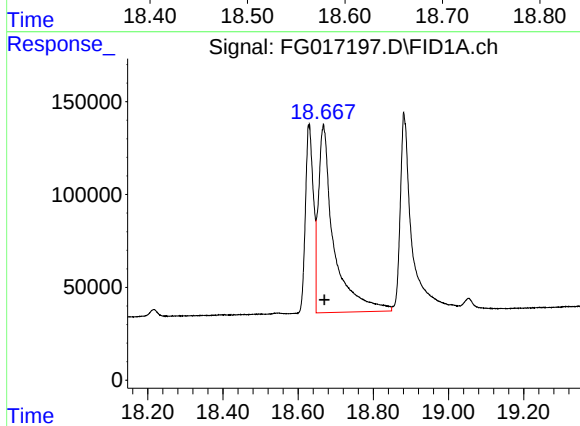
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.245 min
Delta R.T.: -0.002 min
Response: 2408636
Conc: 20.73 ug/ml



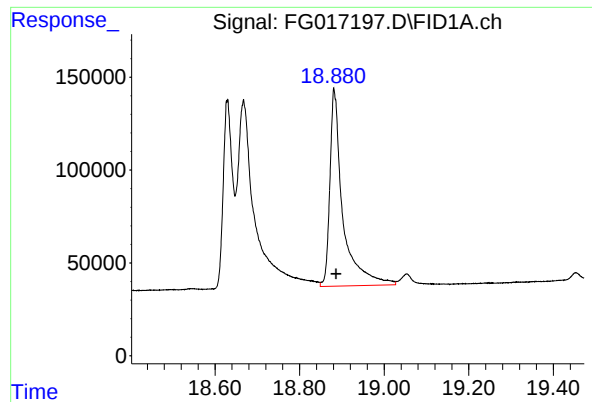
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.629 min
Delta R.T.: -0.003 min
Response: 1497060
Conc: 17.14 ug/ml



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

R.T.: 18.667 min
Delta R.T.: -0.002 min
Response: 2886363
Conc: 21.99 ug/ml



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

R.T.: 18.882 min
Delta R.T.: -0.004 min
Response: 2265377
Conc: 20.69 ug/ml

Instrument :

FID_G

ClientSampleId :

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