

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AR\
 Data File : FG0616115.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 22:50
 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

Integration File: autoint1.e
 Quant Time: Jun 17 05:36:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:28:14 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...	8.127	2266531	20.086 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
6) S 2-Fluorobiphenyl (SURR)	9.007	1564185	20.046 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.09%
11) S ortho-Terphenyl (SURR)	12.092	2675194	20.085 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.717	2478636	20.227 ug/ml
2) T Naphthalene (C11.7)	6.395	2619918	20.205 ug/ml
3) T 2-Methylnaphthalene (...)	7.497	2661957	20.152 ug/ml
5) T Acenaphthylene (C15.06)	8.808	2623516	20.047 ug/ml
7) T Acenaphthene (C15.5)	9.108	2621543	20.113 ug/ml
8) T Fluorene (C16.55)	9.902	2618698	20.065 ug/ml
9) T Phenanthrene (C19.36)	11.318	2620623	20.084 ug/ml
10) T Anthracene (C19.43)	11.393	2601588	19.910 ug/ml
12) T Fluoranthene (C21.85)	13.151	2648676	20.195 ug/ml
13) T Pyrene (C20.8)	13.452	2626868	20.225 ug/ml
14) T Benzo[a]anthracene (C...	15.341	2611127	20.398 ug/ml
15) T Chrysene (C27.41)	15.385	2635260	20.426 ug/ml
16) T benzo[b]fluoranthene ...	16.906	2633940	20.569 ug/ml
17) T Bnezo[k]fluoranthene ...	16.939	2478668	20.629 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.290	2563783	20.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.665	2347113	20.405 ug/ml
20) T Dibenz[a,h]anthracene...	18.706	2534838	20.991 ug/ml
21) T Benzo[g,h,i]perylene ...	18.923	2458609	20.587 ug/ml

(f)=RT Delta > 1/2 Window

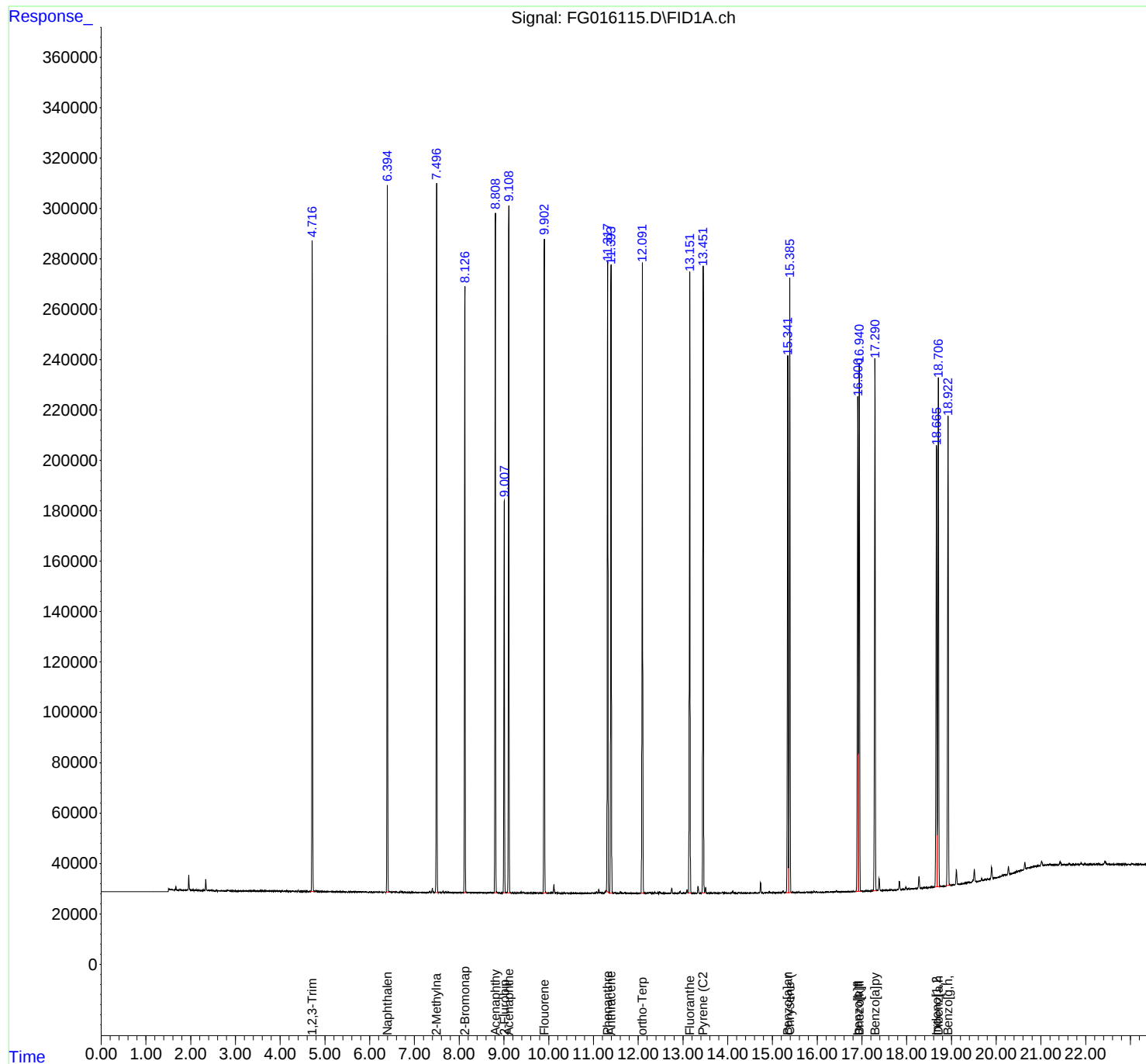
(m)=manual int.

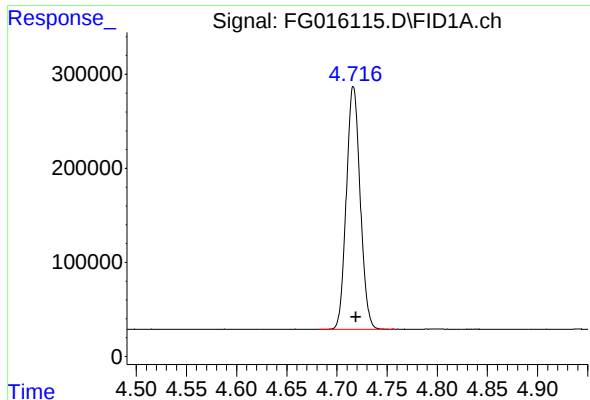
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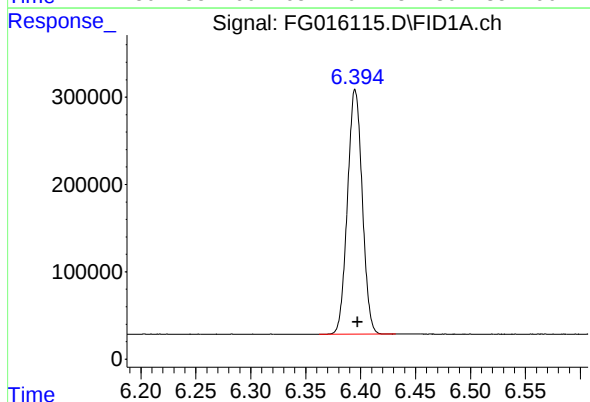




#1 1,2,3-Trimethylbenzene (C10.1)

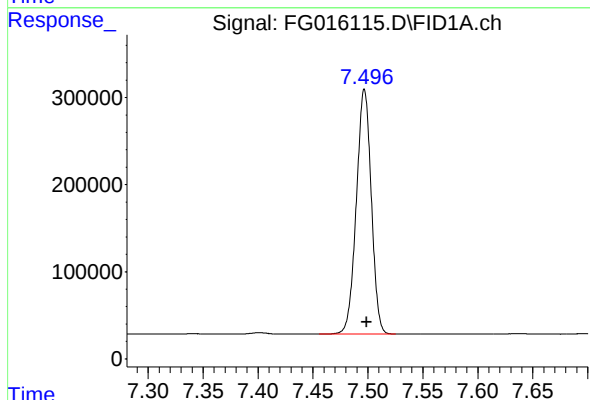
R.T.: 4.717 min
Delta R.T.: -0.002 min
Response: 2478636
Conc: 20.23 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



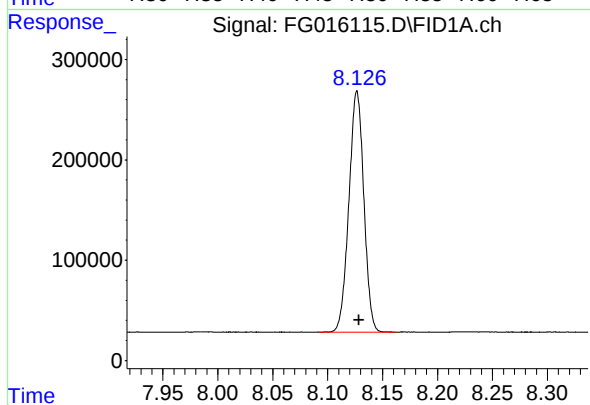
#2 Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 2619918
Conc: 20.20 ug/ml



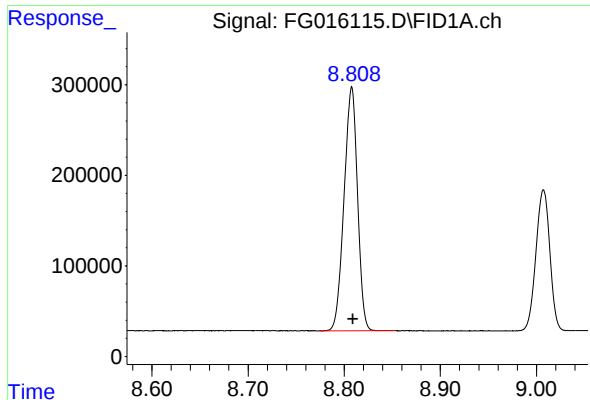
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.497 min
Delta R.T.: -0.002 min
Response: 2661957
Conc: 20.15 ug/ml



#4 2-Bromonaphthalene (SURR)

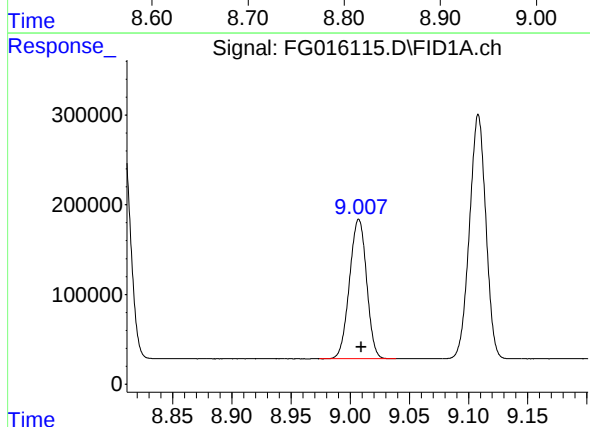
R.T.: 8.127 min
Delta R.T.: -0.002 min
Response: 2266531
Conc: 20.09 ug/ml



#5 Acenaphthylene (C15.06)

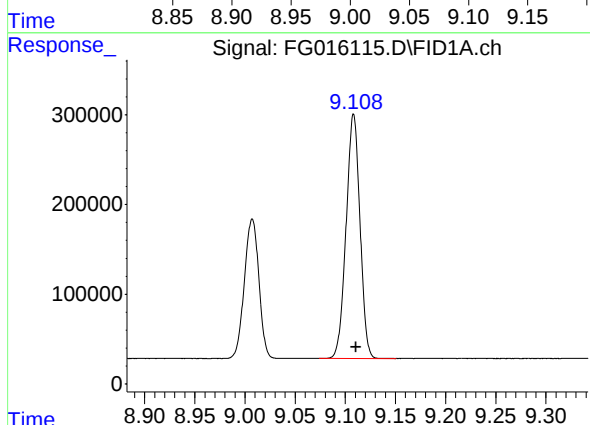
R.T.: 8.808 min
Delta R.T.: -0.002 min
Response: 2623516
Conc: 20.05 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



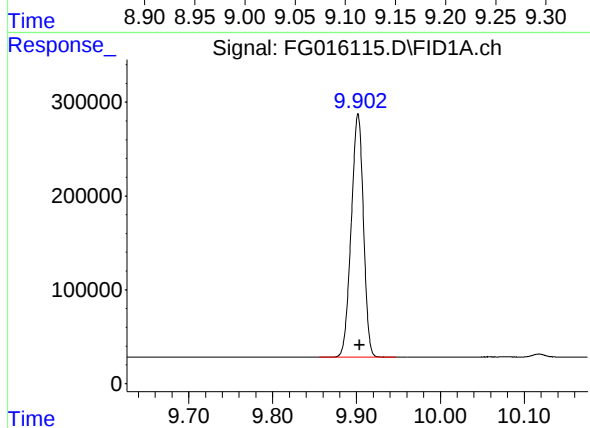
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.007 min
Delta R.T.: -0.002 min
Response: 1564185
Conc: 20.05 ug/ml



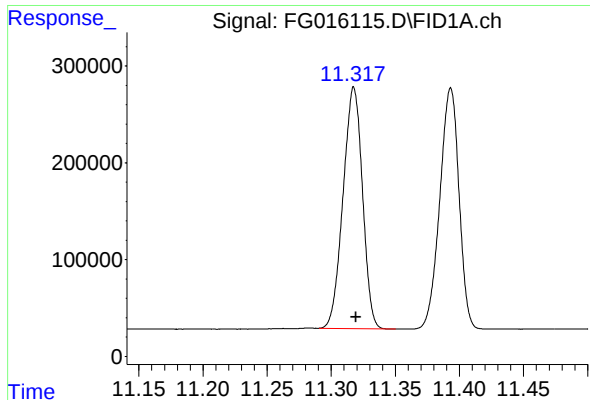
#7 Acenaphthene (C15.5)

R.T.: 9.108 min
Delta R.T.: -0.002 min
Response: 2621543
Conc: 20.11 ug/ml



#8 Fluorene (C16.55)

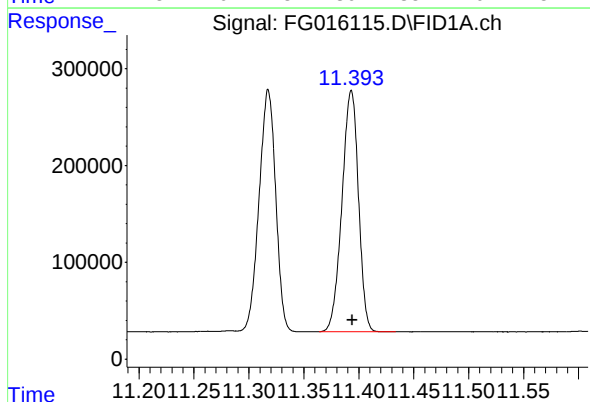
R.T.: 9.902 min
Delta R.T.: -0.002 min
Response: 2618698
Conc: 20.06 ug/ml



#9 Phenanthrene (C19.36)

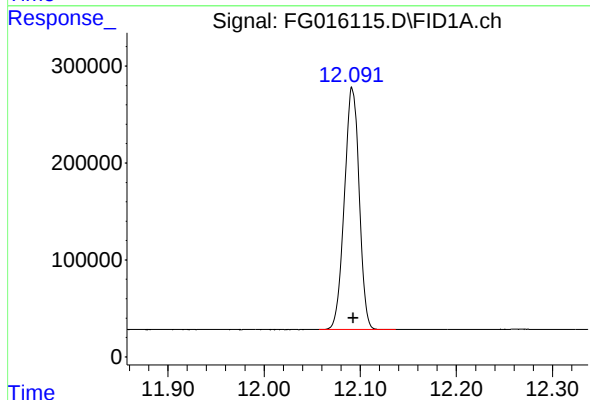
R.T.: 11.318 min
Delta R.T.: -0.002 min
Response: 2620623
Conc: 20.08 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



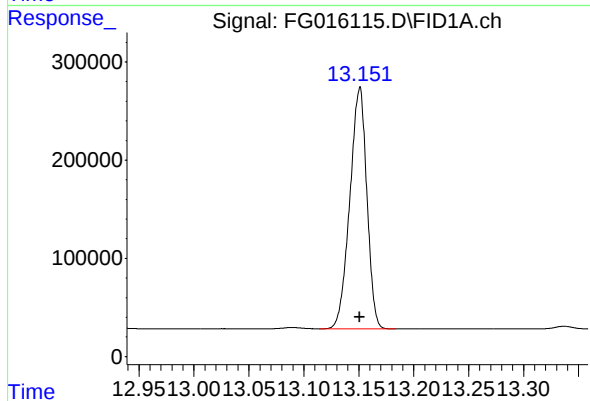
#10 Anthracene (C19.43)

R.T.: 11.393 min
Delta R.T.: -0.001 min
Response: 2601588
Conc: 19.91 ug/ml



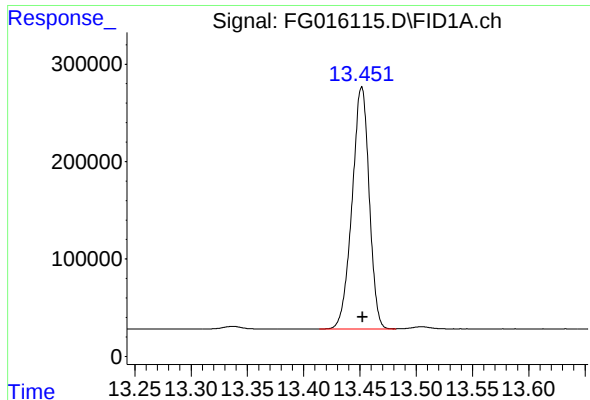
#11 ortho-Terphenyl (SURR)

R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 2675194
Conc: 20.08 ug/ml



#12 Fluoranthene (C21.85)

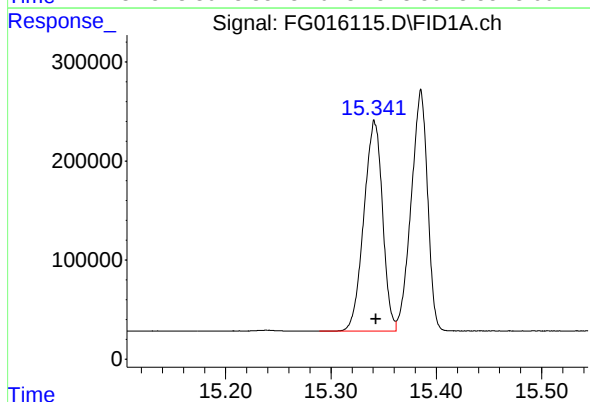
R.T.: 13.151 min
Delta R.T.: 0.000 min
Response: 2648676
Conc: 20.20 ug/ml



#13 Pyrene (C20.8)

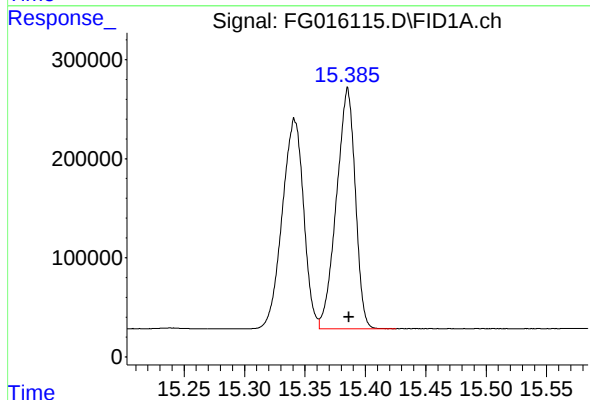
R.T.: 13.452 min
Delta R.T.: 0.000 min
Response: 2626868
Conc: 20.23 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



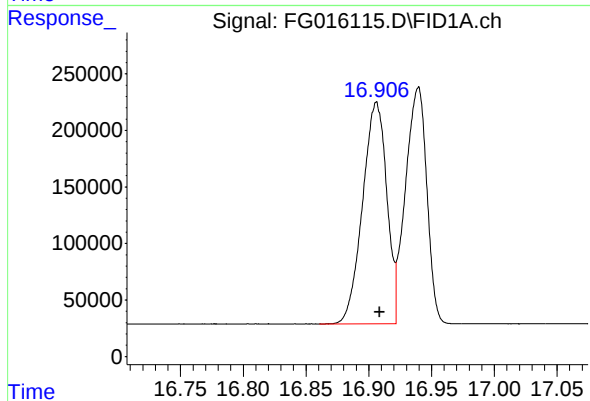
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.341 min
Delta R.T.: -0.001 min
Response: 2611127
Conc: 20.40 ug/ml



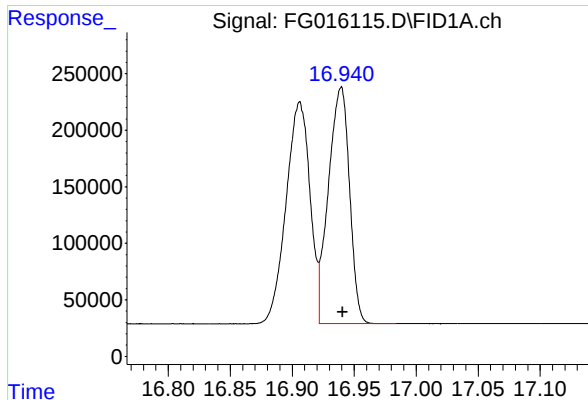
#15 Chrysene (C27.41)

R.T.: 15.385 min
Delta R.T.: -0.001 min
Response: 2635260
Conc: 20.43 ug/ml



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

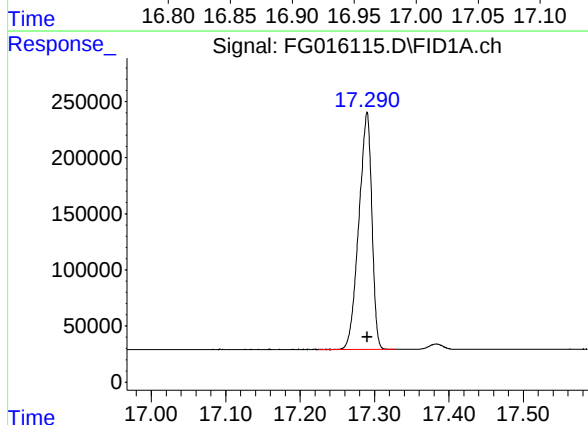
R.T.: 16.906 min
Delta R.T.: -0.003 min
Response: 2633940
Conc: 20.57 ug/ml



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

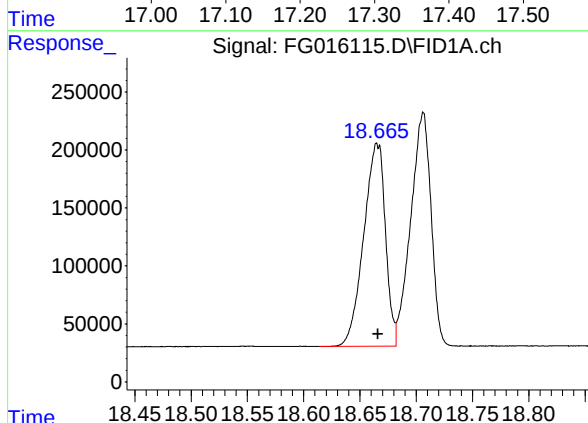
R.T.: 16.939 min
Delta R.T.: -0.002 min
Response: 2478668
Conc: 20.63 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



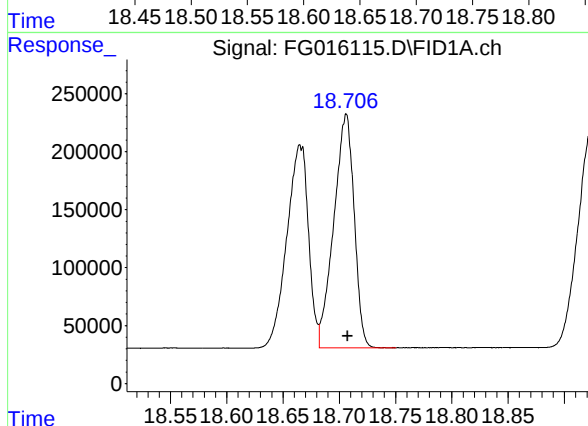
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.290 min
Delta R.T.: 0.000 min
Response: 2563783
Conc: 20.58 ug/ml



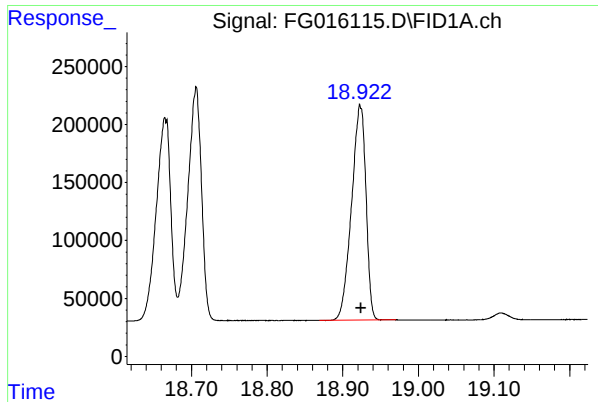
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.665 min
Delta R.T.: -0.001 min
Response: 2347113
Conc: 20.40 ug/ml



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

R.T.: 18.706 min
Delta R.T.: -0.001 min
Response: 2534838
Conc: 20.99 ug/ml



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

R.T.: 18.923 min
Delta R.T.: -0.001 min
Response: 2458609
Conc: 20.59 ug/ml

Instrument :
FID_G
ClientSampleId :
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