

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032625AR\
 Data File : FG015561.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2025 19:34
 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: Mar 27 02:43:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.966	2309492	18.906 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
6) S 2-Fluorobiphenyl (SURR)	8.844	1556042	18.825 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.65%
11) S ortho-Terphenyl (SURR)	11.917	2790459	19.135 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.556	2496050	18.783 ug/ml
2) T Naphthalene (C11.7)	6.235	2548026	18.859 ug/ml
3) T 2-Methylnaphthalene (...)	7.337	2524319	18.924 ug/ml
5) T Acenaphthylene (C15.06)	8.643	2686659	18.970 ug/ml
7) T Acenaphthene (C15.5)	8.943	2623519	19.229 ug/ml
8) T Fluorene (C16.55)	9.736	2649925	18.982 ug/ml
9) T Phenanthrene (C19.36)	11.147	2605828	18.496 ug/ml
10) T Anthracene (C19.43)	11.223	2489298	18.191 ug/ml
12) T Fluoranthene (C21.85)	12.974	2645244	18.549 ug/ml
13) T Pyrene (C20.8)	13.274	2647919	18.871 ug/ml
14) T Benzo[a]anthracene (C...	15.160	2377095	17.526 ug/ml
15) T Chrysene (C27.41)	15.202	2661181	19.010 ug/ml
16) T benzo[b]fluoranthene ...	16.724	2332428	17.651 ug/ml
17) T Bnezo[k]fluoranthene ...	16.756	2628270	19.250 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.105	2237985	17.847 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.482	1974228	17.744 ug/ml
20) T Dibenz[a,h]anthracene...	18.520	2817850	21.898 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	2300036	19.248 ug/ml

(f)=RT Delta > 1/2 Window

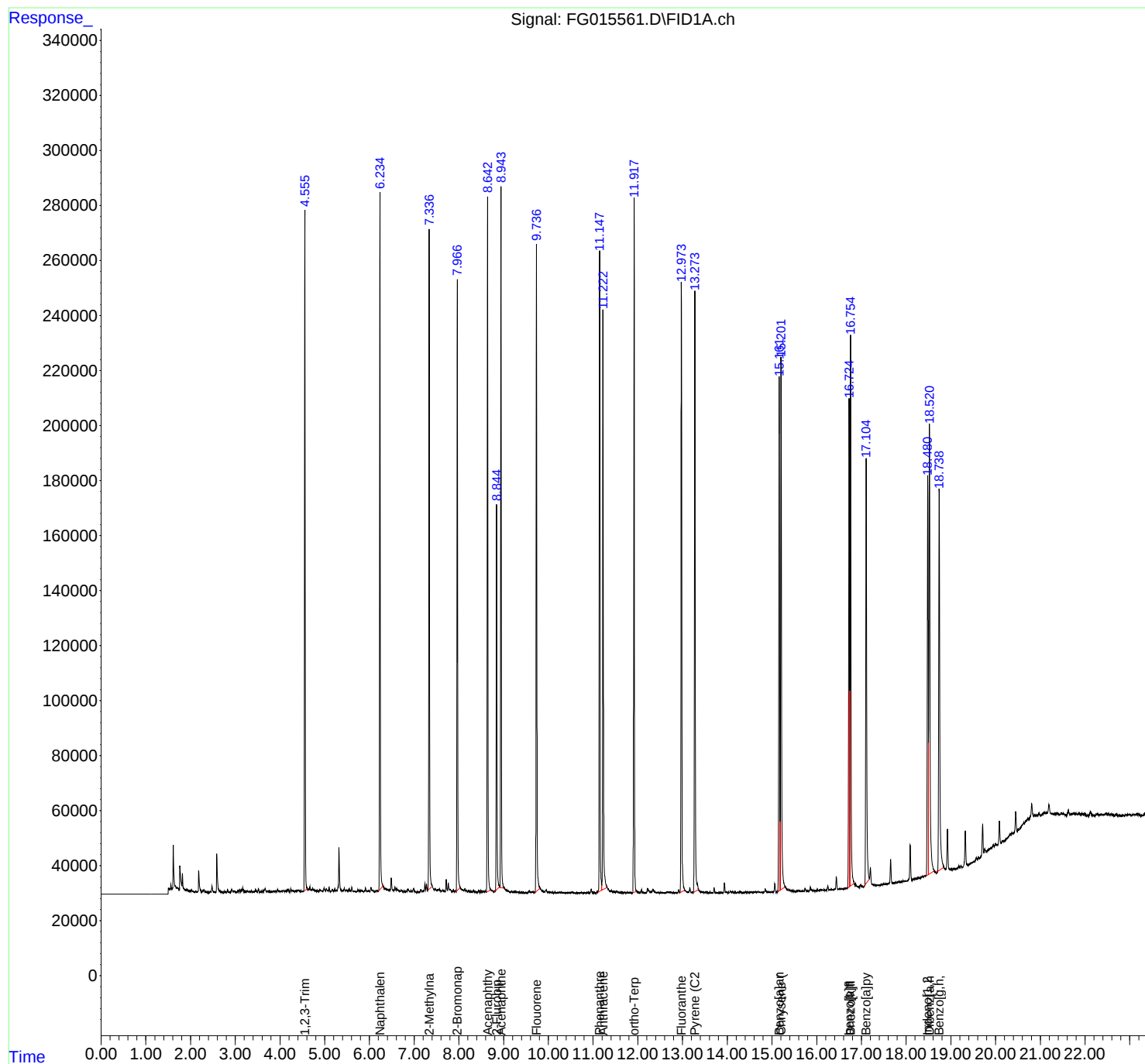
(m)=manual int.

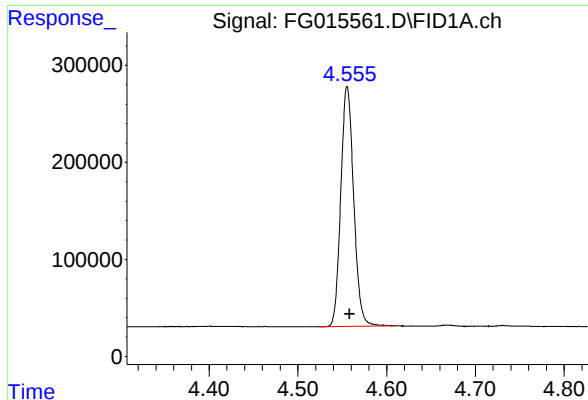
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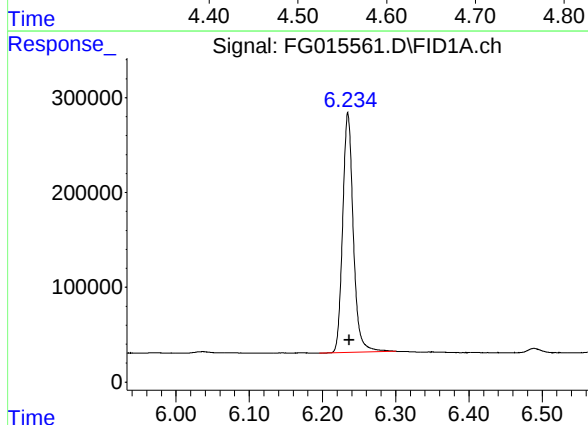




#1 1,2,3-Trimethylbenzene (C10.1)

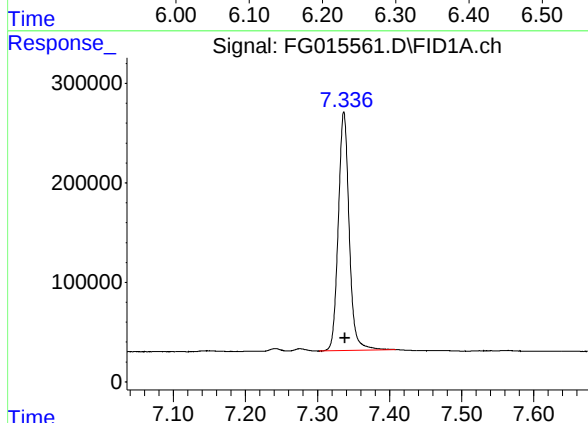
R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 2496050
Conc: 18.78 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



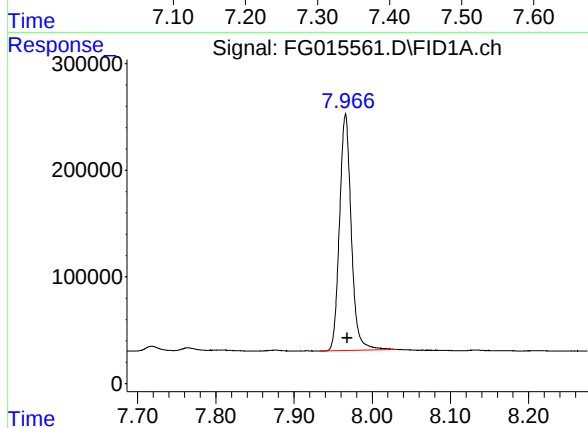
#2 Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.002 min
Response: 2548026
Conc: 18.86 ug/ml



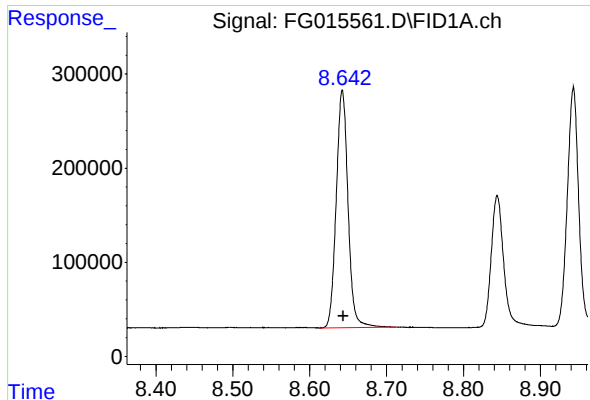
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.337 min
Delta R.T.: -0.001 min
Response: 2524319
Conc: 18.92 ug/ml



#4 2-Bromonaphthalene (SURR)

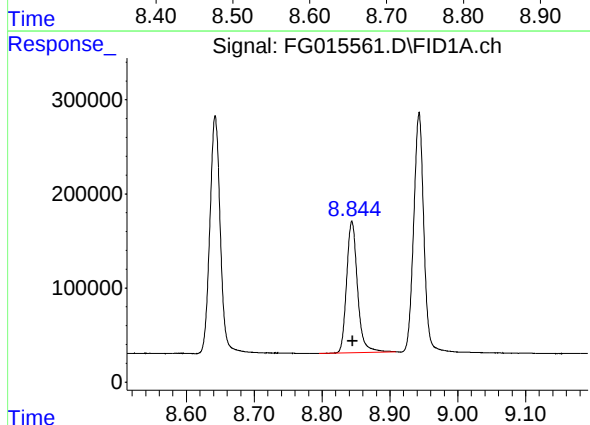
R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 2309492
Conc: 18.91 ug/ml



#5 Acenaphthylene (C15.06)

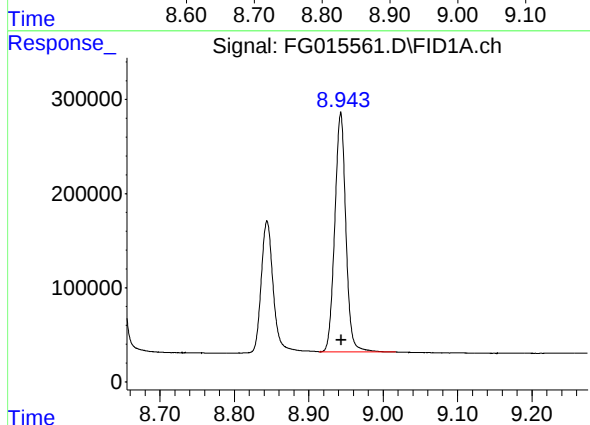
R.T.: 8.643 min
Delta R.T.: -0.001 min
Response: 2686659
Conc: 18.97 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



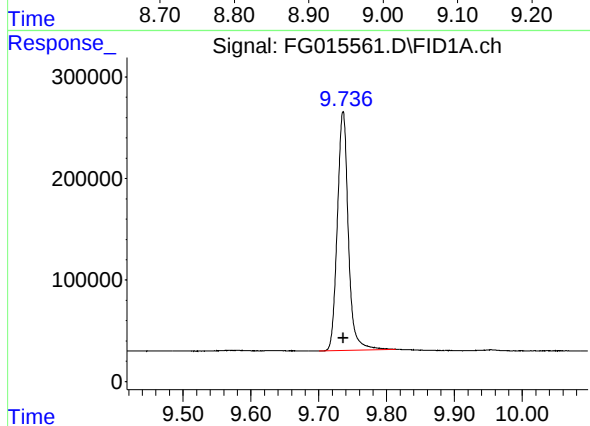
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 1556042
Conc: 18.83 ug/ml



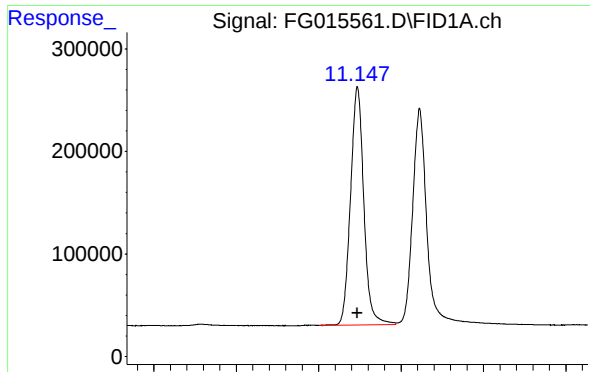
#7 Acenaphthene (C15.5)

R.T.: 8.943 min
Delta R.T.: -0.001 min
Response: 2623519
Conc: 19.23 ug/ml



#8 Flouorene (C16.55)

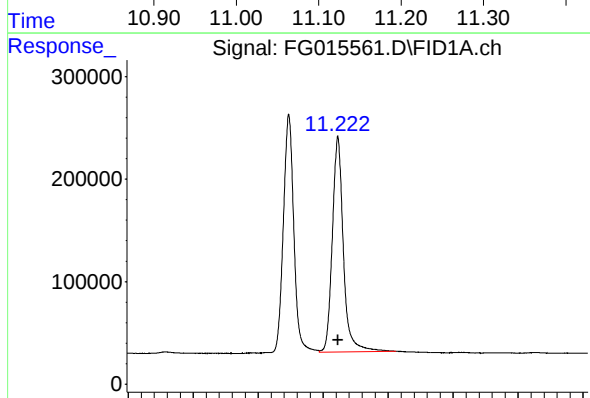
R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 2649925
Conc: 18.98 ug/ml



#9 Phenanthrene (C19.36)

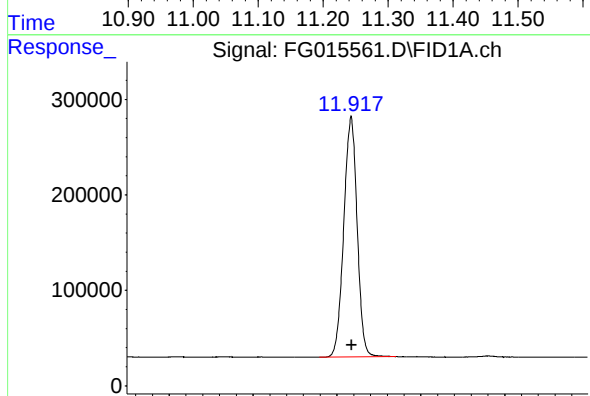
R.T.: 11.147 min
Delta R.T.: 0.000 min
Response: 2605828
Conc: 18.50 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



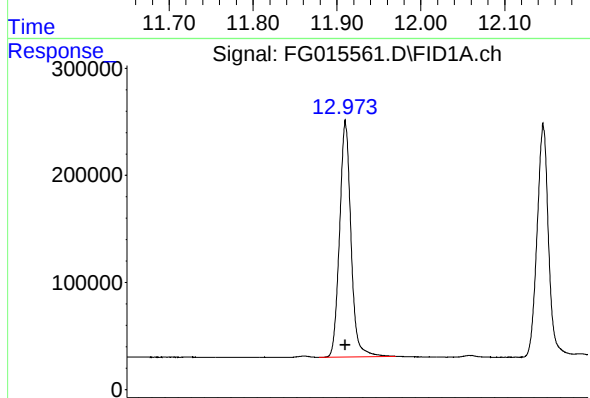
#10 Anthracene (C19.43)

R.T.: 11.223 min
Delta R.T.: 0.000 min
Response: 2489298
Conc: 18.19 ug/ml



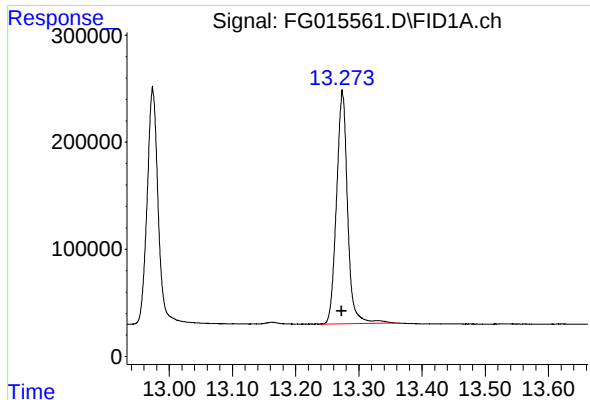
#11 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 2790459
Conc: 19.14 ug/ml



#12 Fluoranthene (C21.85)

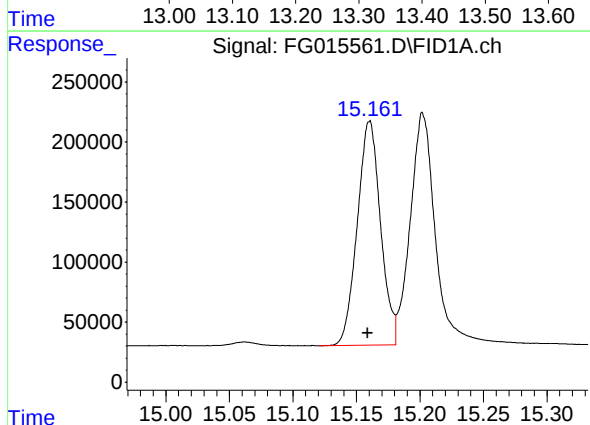
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 2645244
Conc: 18.55 ug/ml



#13 Pyrene (C20.8)

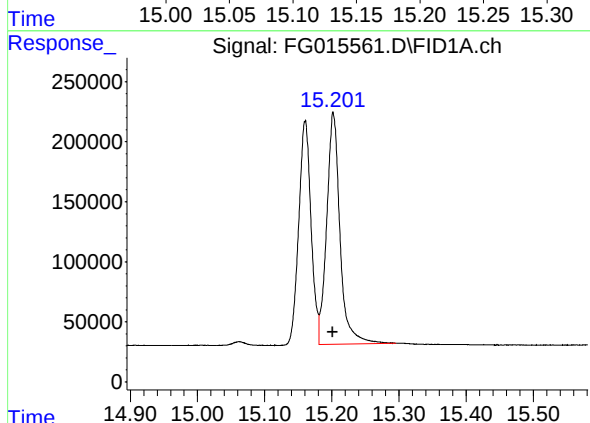
R.T.: 13.274 min
Delta R.T.: 0.001 min
Response: 2647919
Conc: 18.87 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



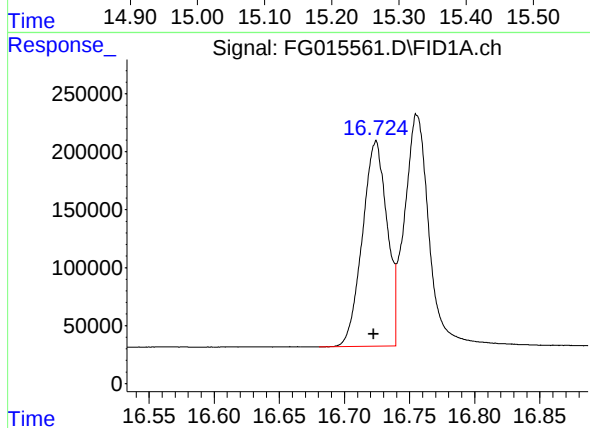
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.160 min
Delta R.T.: 0.001 min
Response: 2377095
Conc: 17.53 ug/ml



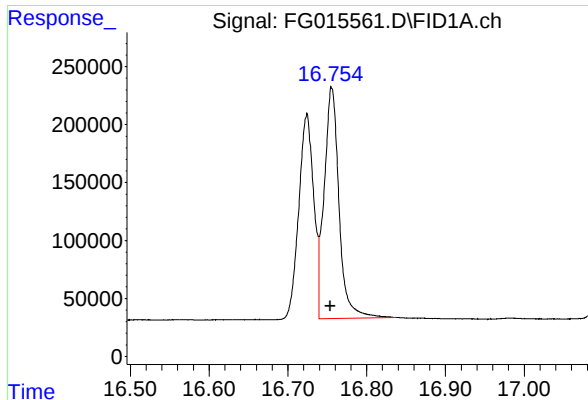
#15 Chrysene (C27.41)

R.T.: 15.202 min
Delta R.T.: 0.001 min
Response: 2661181
Conc: 19.01 ug/ml



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

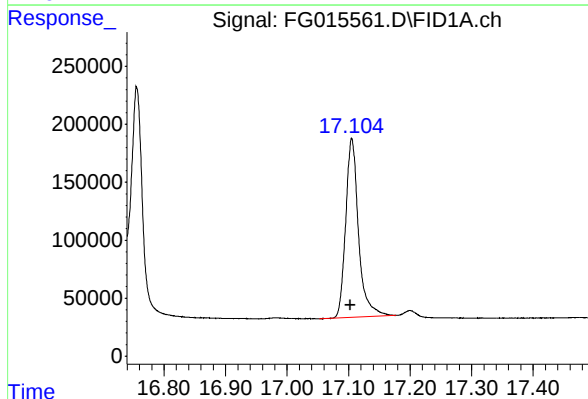
R.T.: 16.724 min
Delta R.T.: 0.001 min
Response: 2332428
Conc: 17.65 ug/ml



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

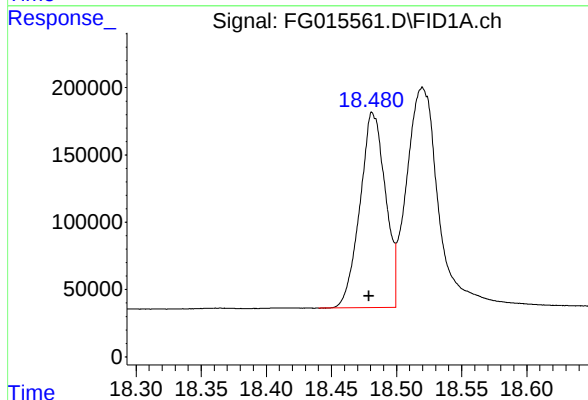
R.T.: 16.756 min
Delta R.T.: 0.002 min
Response: 2628270
Conc: 19.25 ug/ml

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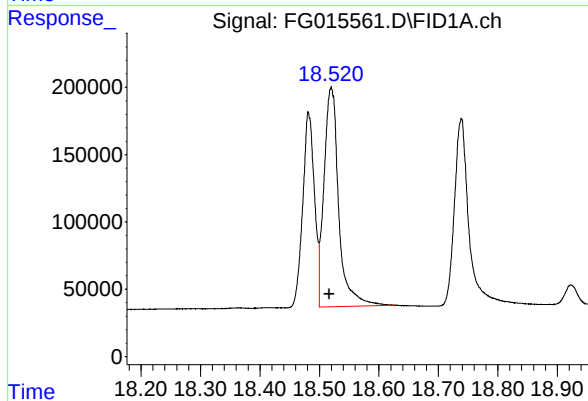
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.105 min
Delta R.T.: 0.002 min
Response: 2237985
Conc: 17.85 ug/ml



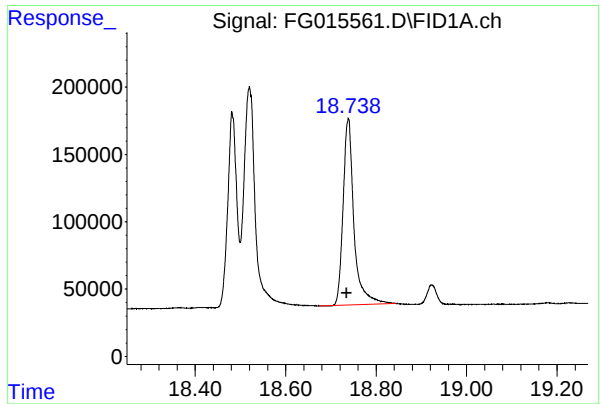
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.482 min
Delta R.T.: 0.003 min
Response: 1974228
Conc: 17.74 ug/ml



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

R.T.: 18.520 min
Delta R.T.: 0.003 min
Response: 2817850
Conc: 21.90 ug/ml



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

R.T.: 18.738 min
Delta R.T.: 0.003 min
Response: 2300036
Conc: 19.25 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD