

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032825AR\
 Data File : FG015585.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2025 22:51
 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 29 03:16:10 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...	7.963	2374314	19.437 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
6) S 2-Fluorobiphenyl (SURR)	8.841	1610515	19.484 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.97%
11) S ortho-Terphenyl (SURR)	11.913	2819453	19.334 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.553	2566200	19.311 ug/ml
2) T Naphthalene (C11.7)	6.232	2608368	19.306 ug/ml
3) T 2-Methylnaphthalene (...)	7.334	2581961	19.356 ug/ml
5) T Acenaphthylene (C15.06)	8.638	2741840	19.359 ug/ml
7) T Acenaphthene (C15.5)	8.938	2710992	19.870 ug/ml
8) T Fluorene (C16.55)	9.731	2677381	19.178 ug/ml
9) T Phenanthrene (C19.36)	11.143	2585076	18.349 ug/ml
10) T Anthracene (C19.43)	11.218	2424450	17.717 ug/ml
12) T Fluoranthene (C21.85)	12.970	2630944	18.449 ug/ml
13) T Pyrene (C20.8)	13.269	2628858	18.736 ug/ml
14) T Benzo[a]anthracene (C...	15.155	2300899	16.964 ug/ml
15) T Chrysene (C27.41)	15.196	2686484	19.190 ug/ml
16) T benzo[b]fluoranthene ...	16.718	2308218	17.468 ug/ml
17) T Bnezo[k]fluoranthene ...	16.750	2674557	19.589 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.102	2218684	17.693 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.478	1940294	17.439 ug/ml
20) T Dibenz[a,h]anthracene...	18.514	2914450	22.649 ug/ml
21) T Benzo[g,h,i]perylene ...	18.733	2303815	19.280 ug/ml

(f)=RT Delta > 1/2 Window

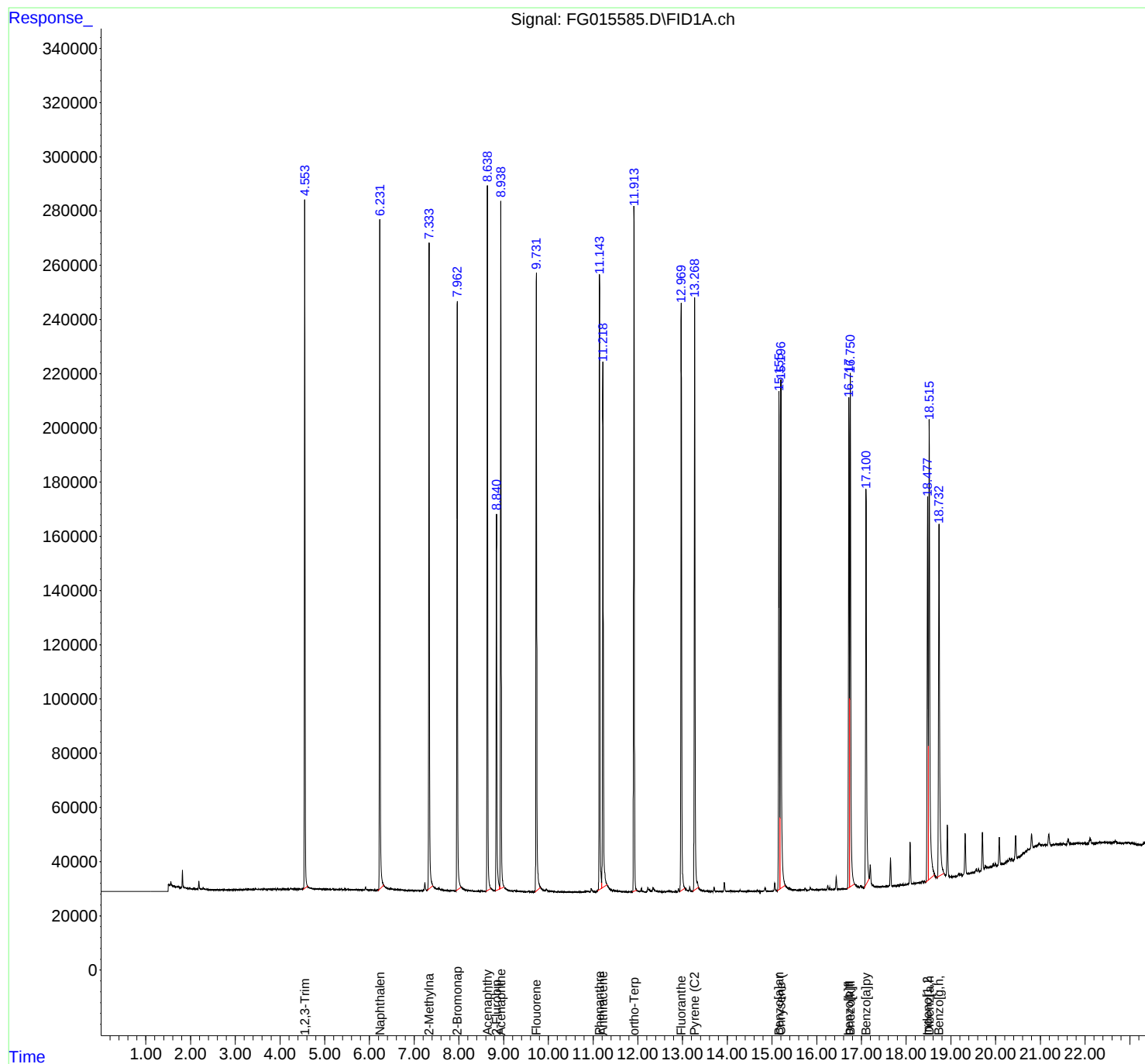
(m)=manual int.

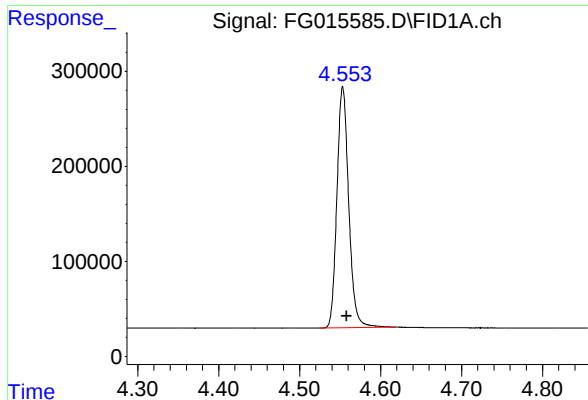
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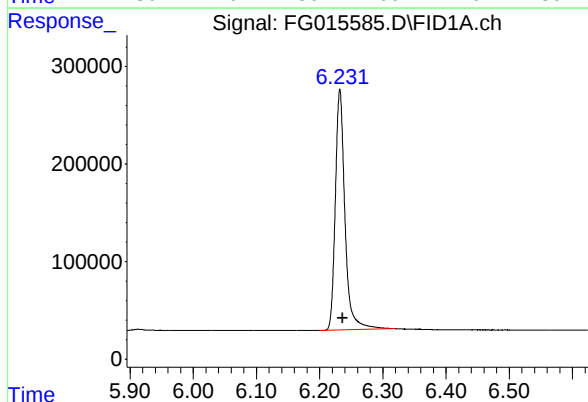




#1 1,2,3-Trimethylbenzene (C10.1)

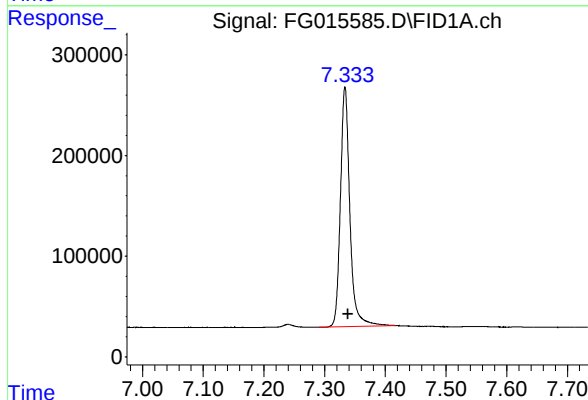
R.T.: 4.553 min
Delta R.T.: -0.005 min
Response: 2566200
Conc: 19.31 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



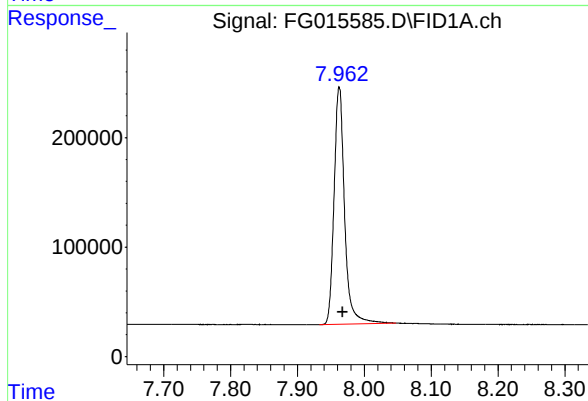
#2 Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.005 min
Response: 2608368
Conc: 19.31 ug/ml



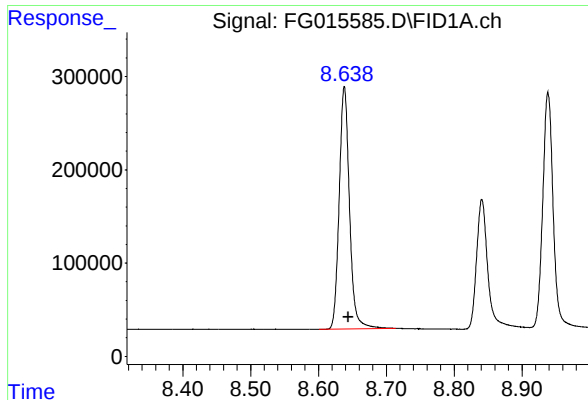
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: -0.004 min
Response: 2581961
Conc: 19.36 ug/ml



#4 2-Bromonaphthalene (SURR)

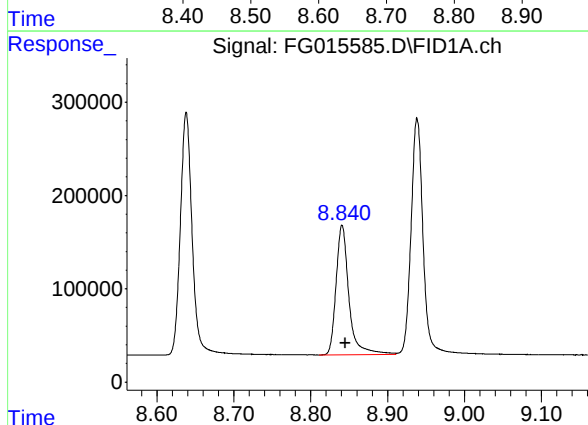
R.T.: 7.963 min
Delta R.T.: -0.005 min
Response: 2374314
Conc: 19.44 ug/ml



#5 Acenaphthylene (C15.06)

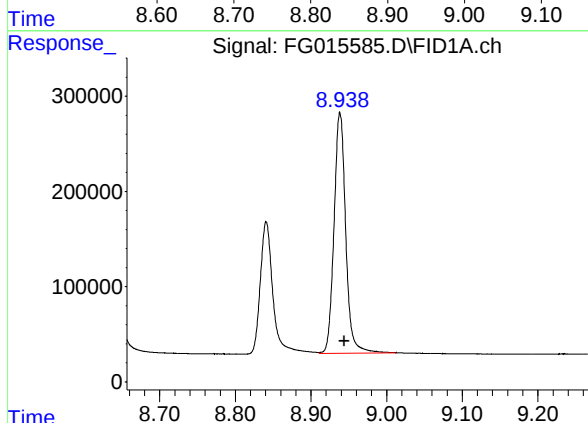
R.T.: 8.638 min
Delta R.T.: -0.005 min
Response: 2741840
Conc: 19.36 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



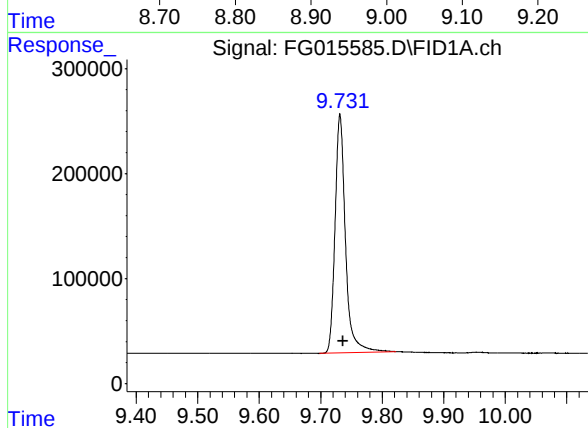
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.841 min
Delta R.T.: -0.004 min
Response: 1610515
Conc: 19.48 ug/ml



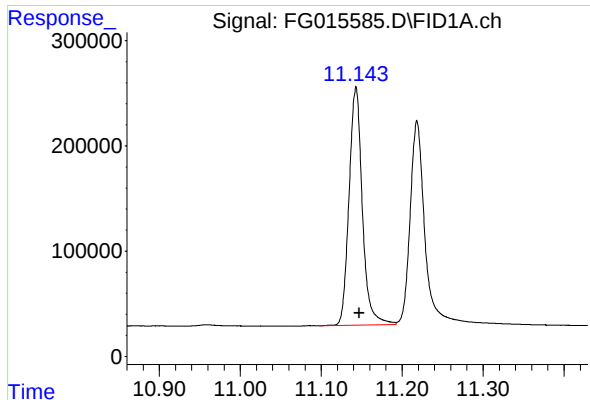
#7 Acenaphthene (C15.5)

R.T.: 8.938 min
Delta R.T.: -0.006 min
Response: 2710992
Conc: 19.87 ug/ml



#8 Fluorene (C16.55)

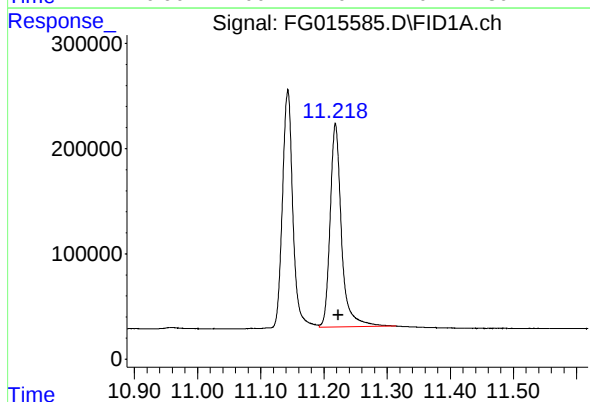
R.T.: 9.731 min
Delta R.T.: -0.005 min
Response: 2677381
Conc: 19.18 ug/ml



#9 Phenanthrene (C19.36)

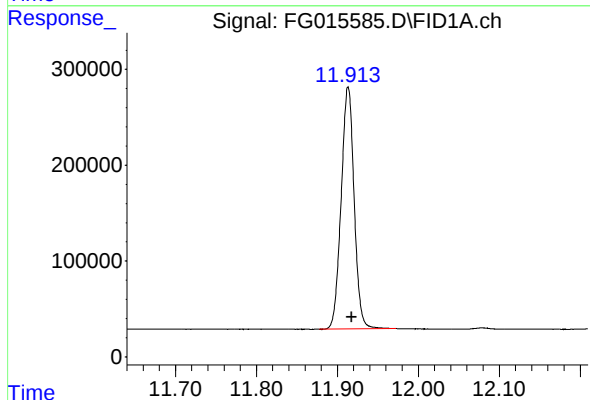
R.T.: 11.143 min
Delta R.T.: -0.004 min
Response: 2585076
Conc: 18.35 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



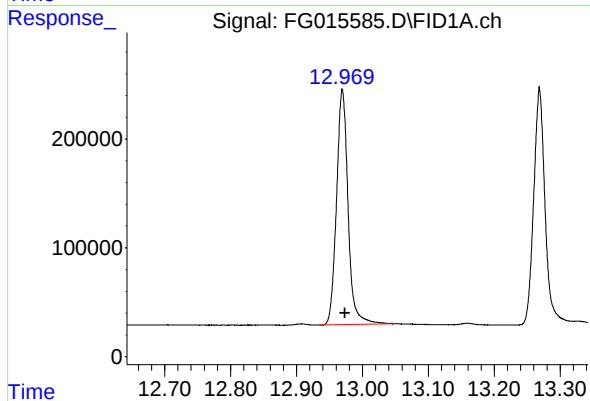
#10 Anthracene (C19.43)

R.T.: 11.218 min
Delta R.T.: -0.004 min
Response: 2424450
Conc: 17.72 ug/ml



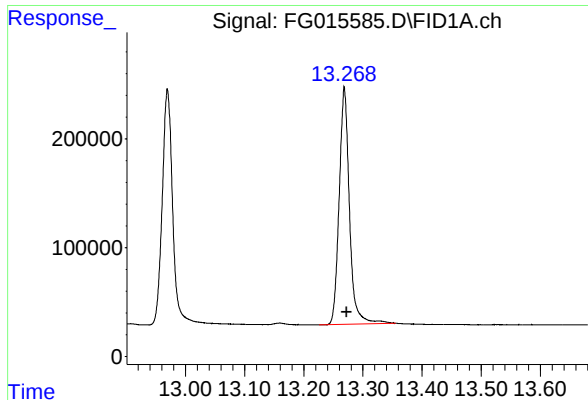
#11 ortho-Terphenyl (SURR)

R.T.: 11.913 min
Delta R.T.: -0.004 min
Response: 2819453
Conc: 19.33 ug/ml



#12 Fluoranthene (C21.85)

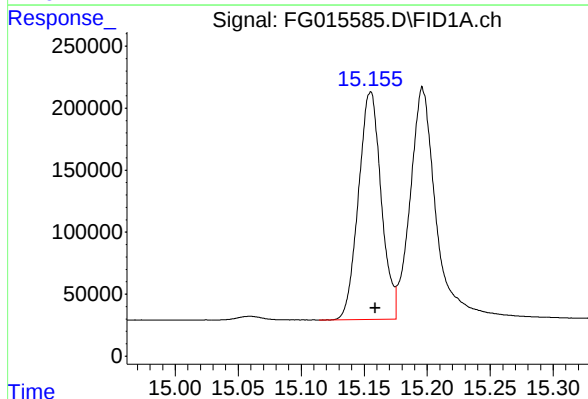
R.T.: 12.970 min
Delta R.T.: -0.004 min
Response: 2630944
Conc: 18.45 ug/ml



#13 Pyrene (C20.8)

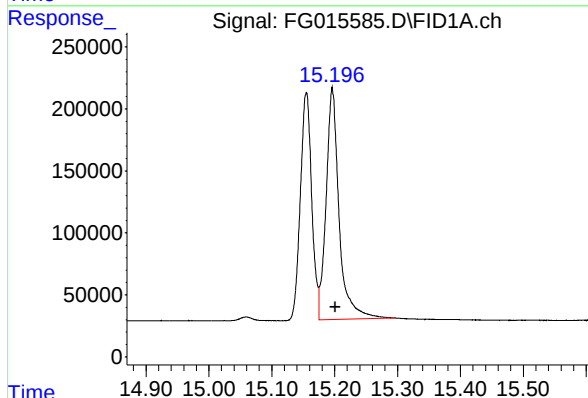
R.T.: 13.269 min
Delta R.T.: -0.004 min
Response: 2628858
Conc: 18.74 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



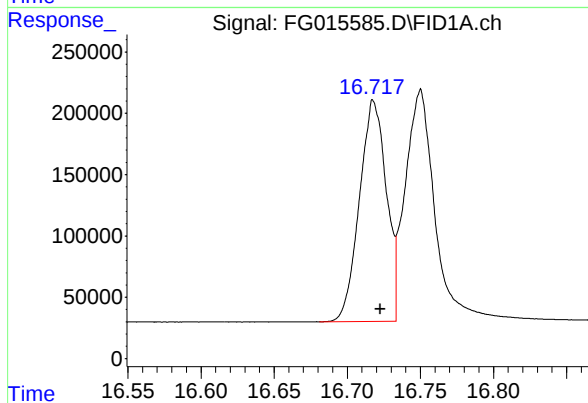
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.155 min
Delta R.T.: -0.004 min
Response: 2300899
Conc: 16.96 ug/ml



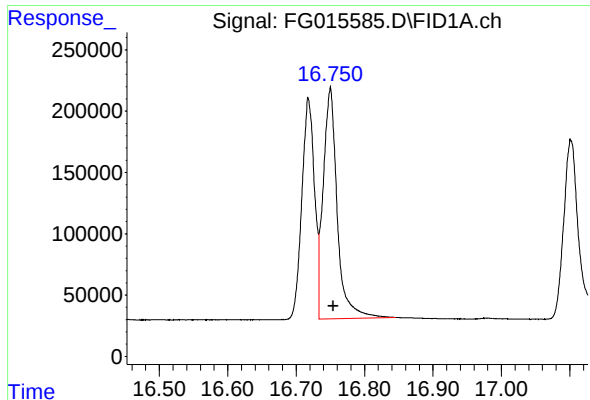
#15 Chrysene (C27.41)

R.T.: 15.196 min
Delta R.T.: -0.005 min
Response: 2686484
Conc: 19.19 ug/ml



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

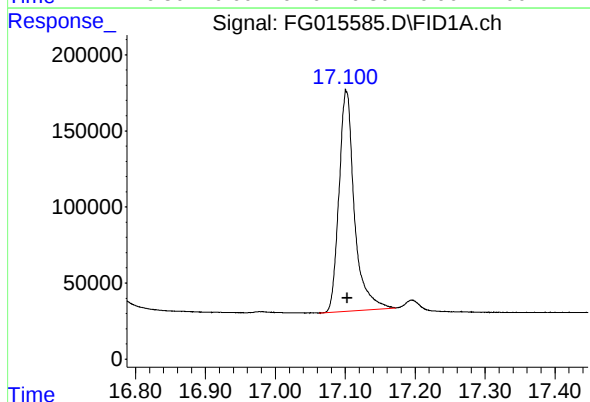
R.T.: 16.718 min
Delta R.T.: -0.004 min
Response: 2308218
Conc: 17.47 ug/ml



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

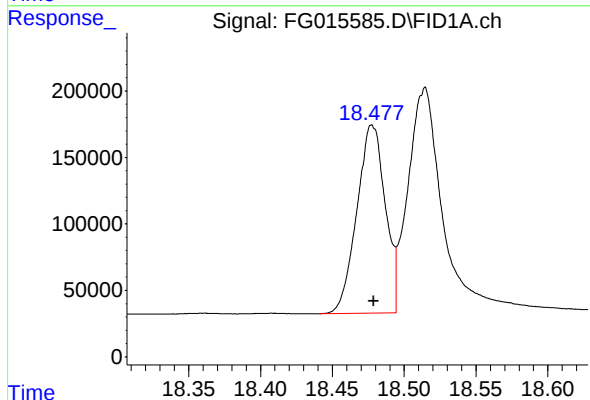
R.T.: 16.750 min
Delta R.T.: -0.004 min
Response: 2674557
Conc: 19.59 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



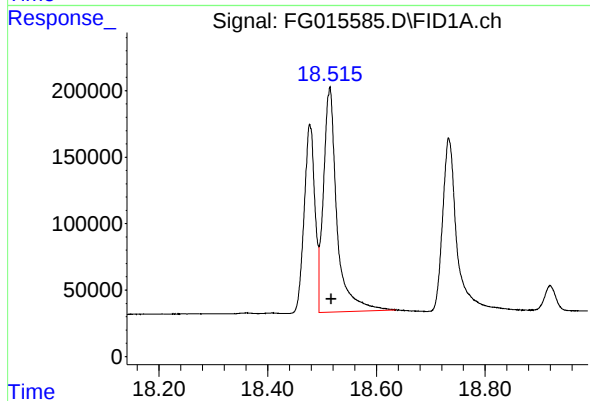
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.102 min
Delta R.T.: -0.002 min
Response: 2218684
Conc: 17.69 ug/ml



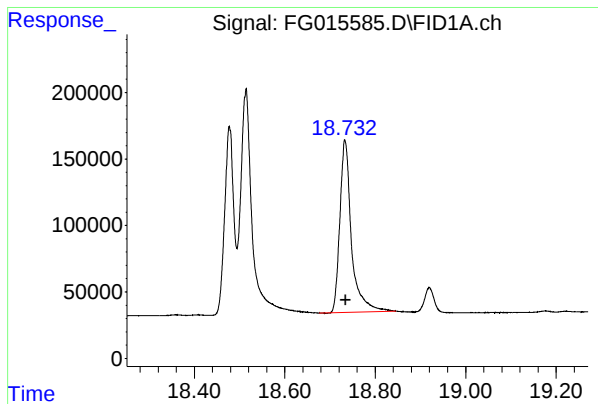
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.478 min
Delta R.T.: -0.001 min
Response: 1940294
Conc: 17.44 ug/ml



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

R.T.: 18.514 min
Delta R.T.: -0.003 min
Response: 2914450
Conc: 22.65 ug/ml



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

R.T.: 18.733 min

Delta R.T.: -0.001 min

Response: 2303815

Conc: 19.28 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD