

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032825AR\
 Data File : FG015591.D
 Signal(s) : FID1A.ch
 Acq On : 29 Mar 2025 02:46
 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 03:17:51 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...	7.962	2361619	19.333 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
6) S 2-Fluorobiphenyl (SURR)	8.841	1608576	19.461 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.92%
11) S ortho-Terphenyl (SURR)	11.913	2835905	19.447 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.552	2572890	19.362 ug/ml
2) T Naphthalene (C11.7)	6.231	2605971	19.288 ug/ml
3) T 2-Methylnaphthalene (...)	7.333	2580661	19.346 ug/ml
5) T Acenaphthylene (C15.06)	8.638	2743479	19.371 ug/ml
7) T Acenaphthene (C15.5)	8.938	2714574	19.897 ug/ml
8) T Fluorene (C16.55)	9.731	2665274	19.092 ug/ml
9) T Phenanthrene (C19.36)	11.142	2589355	18.379 ug/ml
10) T Anthracene (C19.43)	11.218	2431896	17.772 ug/ml
12) T Fluoranthene (C21.85)	12.969	2620043	18.373 ug/ml
13) T Pyrene (C20.8)	13.268	2631670	18.756 ug/ml
14) T Benzo[a]anthracene (C...	15.154	2274990	16.773 ug/ml
15) T Chrysene (C27.41)	15.197	2685990	19.187 ug/ml
16) T benzo[b]fluoranthene ...	16.718	2283438	17.280 ug/ml
17) T Bnezo[k]fluoranthene ...	16.749	2653605	19.435 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.101	2190179	17.465 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.477	1915979	17.221 ug/ml
20) T Dibenz[a,h]anthracene...	18.514	2902514	22.556 ug/ml
21) T Benzo[g,h,i]perylene ...	18.733	2313240	19.359 ug/ml

(f)=RT Delta > 1/2 Window

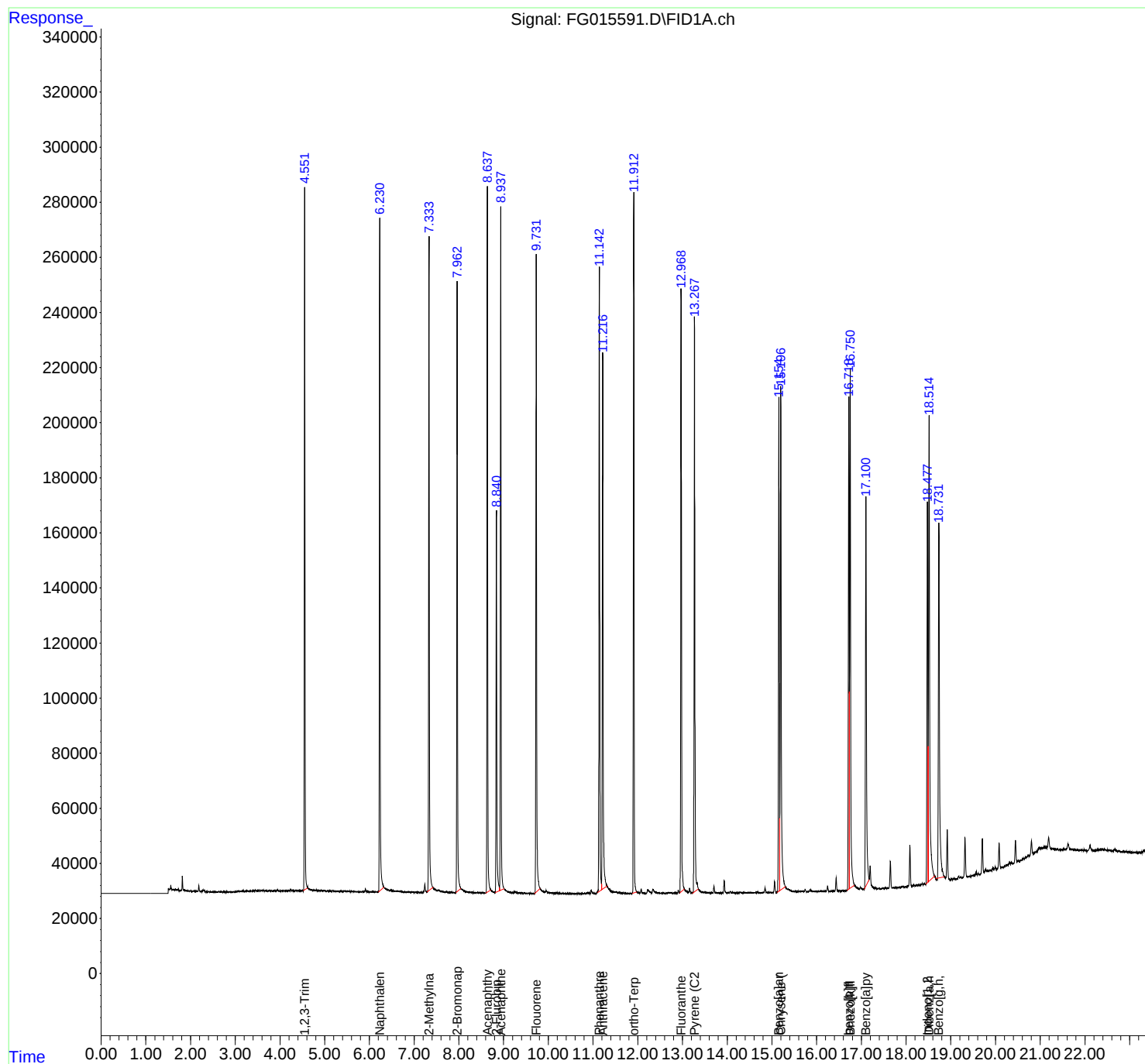
(m)=manual int.

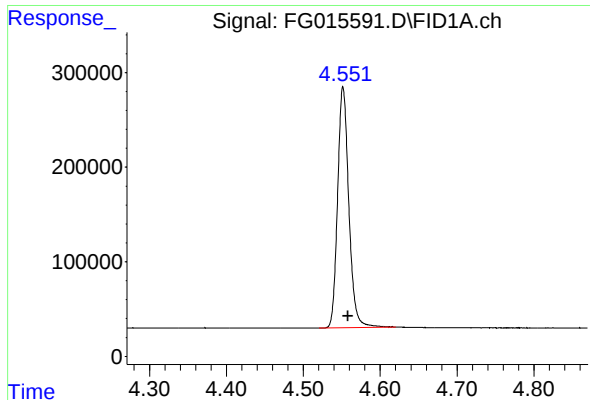
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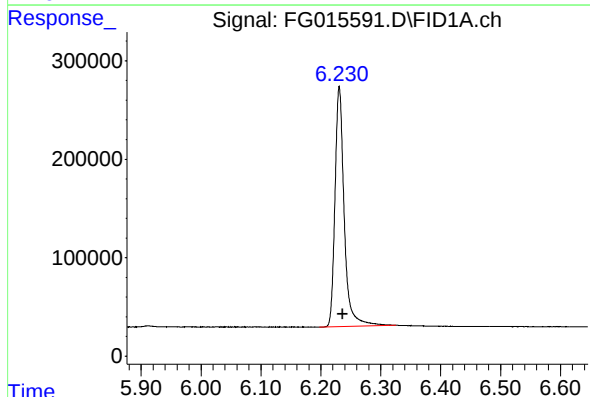




#1 1,2,3-Trimethylbenzene (C10.1)

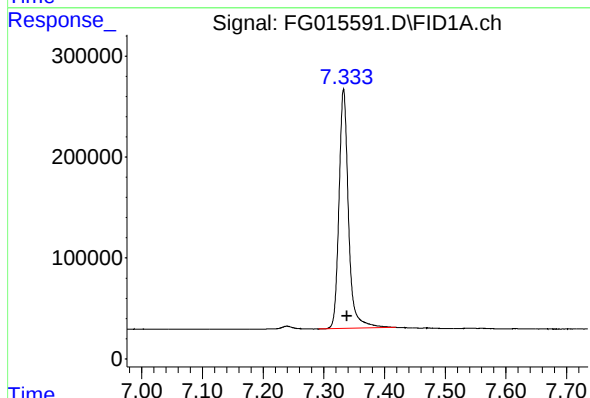
R.T.: 4.552 min
Delta R.T.: -0.006 min
Response: 2572890
Conc: 19.36 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



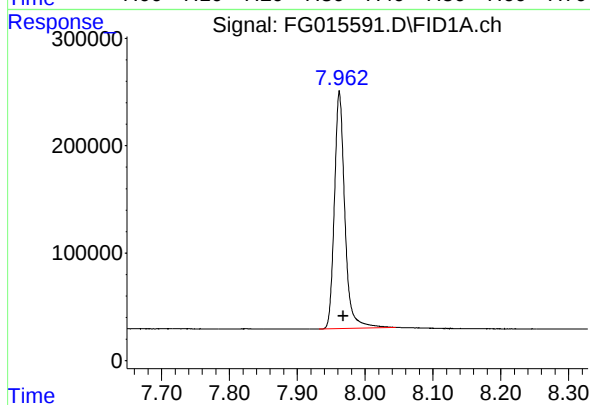
#2 Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.006 min
Response: 2605971
Conc: 19.29 ug/ml



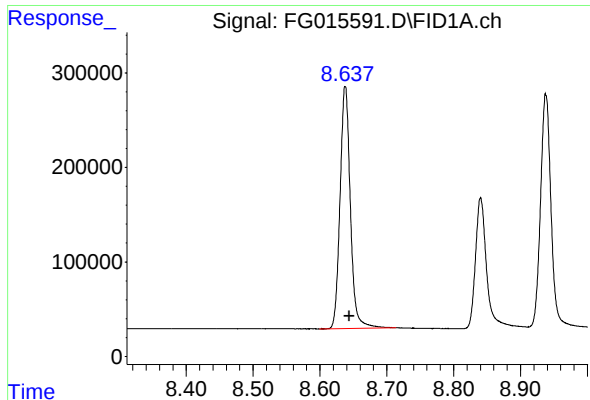
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.333 min
Delta R.T.: -0.005 min
Response: 2580661
Conc: 19.35 ug/ml



#4 2-Bromonaphthalene (SURR)

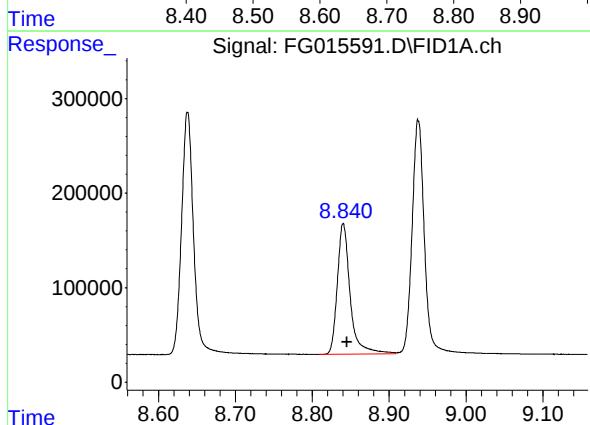
R.T.: 7.962 min
Delta R.T.: -0.006 min
Response: 2361619
Conc: 19.33 ug/ml



#5 Acenaphthylene (C15.06)

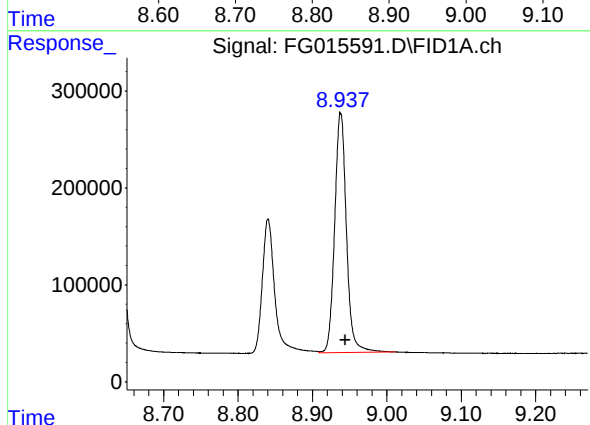
R.T.: 8.638 min
Delta R.T.: -0.006 min
Response: 2743479
Conc: 19.37 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



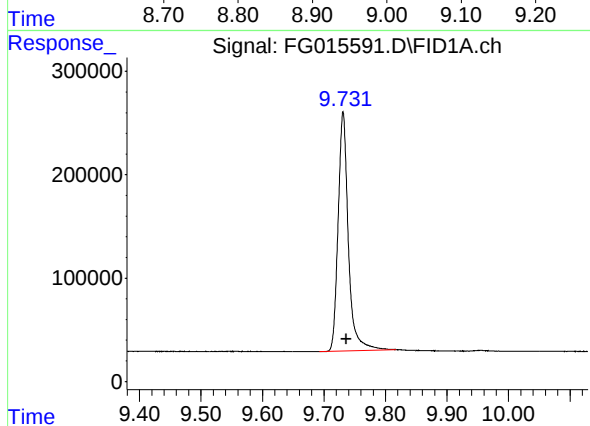
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.841 min
Delta R.T.: -0.005 min
Response: 1608576
Conc: 19.46 ug/ml



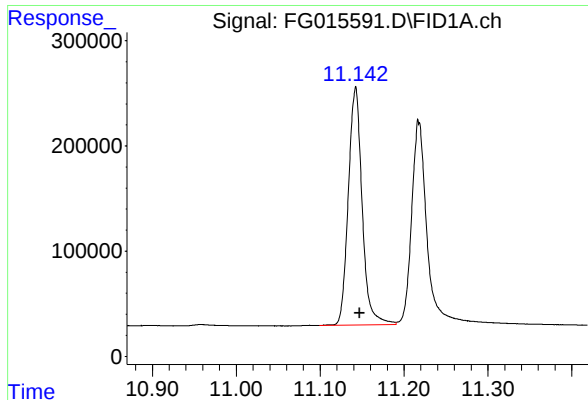
#7 Acenaphthene (C15.5)

R.T.: 8.938 min
Delta R.T.: -0.006 min
Response: 2714574
Conc: 19.90 ug/ml



#8 Fluorene (C16.55)

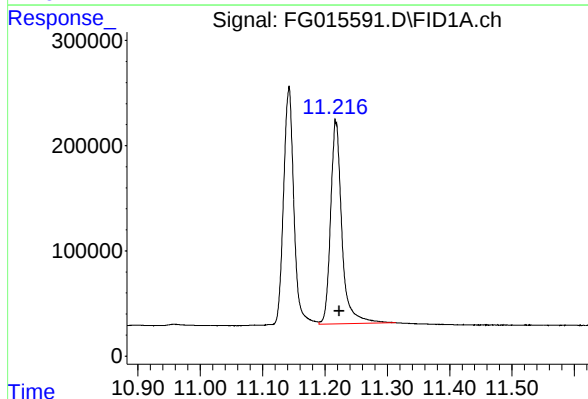
R.T.: 9.731 min
Delta R.T.: -0.005 min
Response: 2665274
Conc: 19.09 ug/ml



#9 Phenanthrene (C19.36)

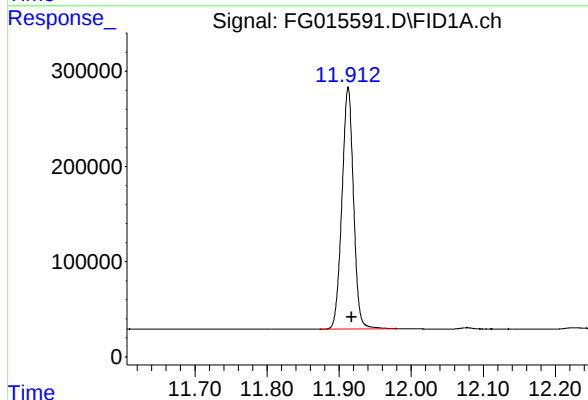
R.T.: 11.142 min
Delta R.T.: -0.005 min
Response: 2589355
Conc: 18.38 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



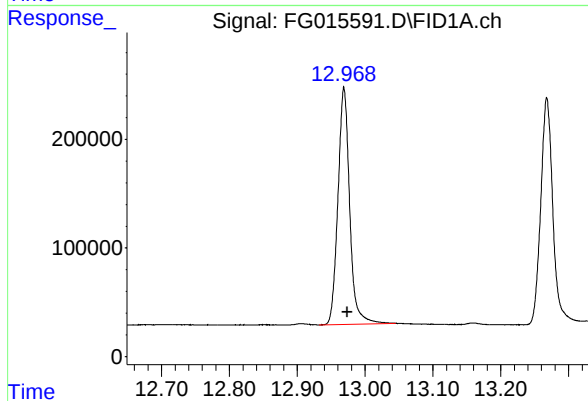
#10 Anthracene (C19.43)

R.T.: 11.218 min
Delta R.T.: -0.005 min
Response: 2431896
Conc: 17.77 ug/ml



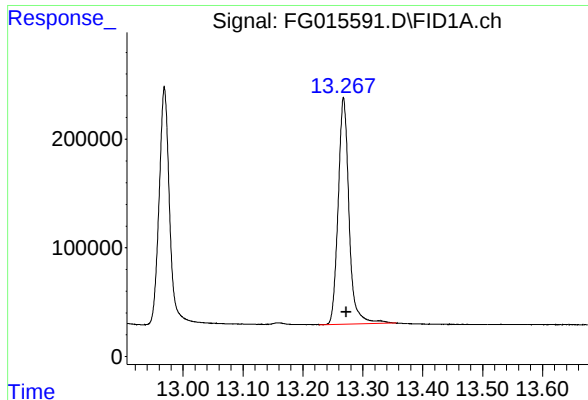
#11 ortho-Terphenyl (SURR)

R.T.: 11.913 min
Delta R.T.: -0.005 min
Response: 2835905
Conc: 19.45 ug/ml



#12 Fluoranthene (C21.85)

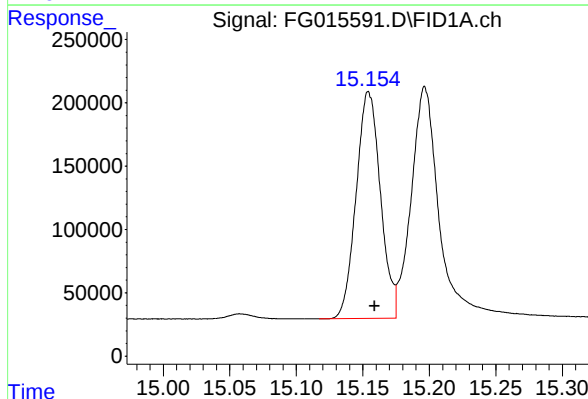
R.T.: 12.969 min
Delta R.T.: -0.005 min
Response: 2620043
Conc: 18.37 ug/ml



#13 Pyrene (C20.8)

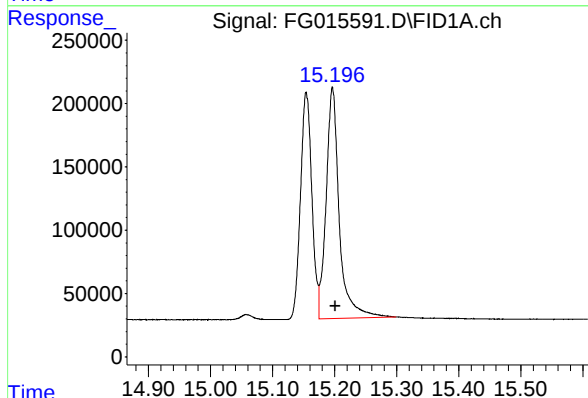
R.T.: 13.268 min
Delta R.T.: -0.005 min
Response: 2631670
Conc: 18.76 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



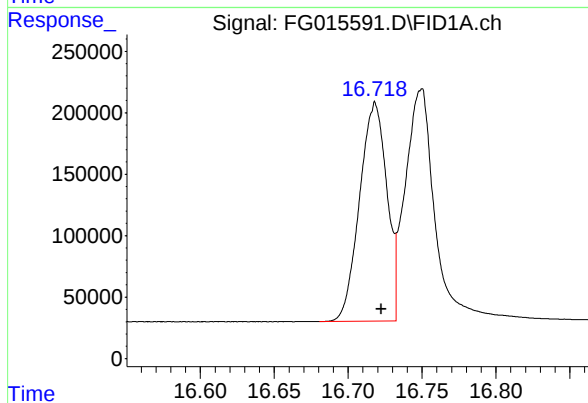
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.154 min
Delta R.T.: -0.004 min
Response: 2274990
Conc: 16.77 ug/ml



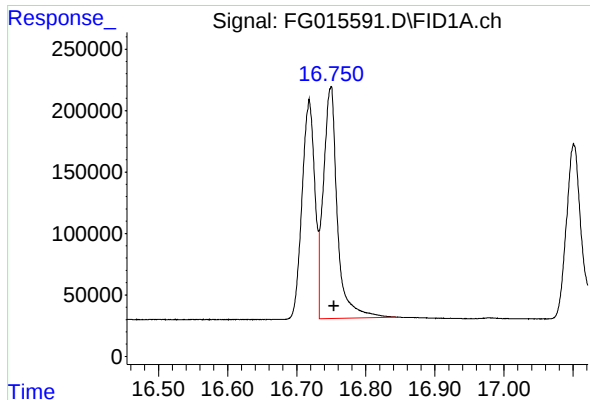
#15 Chrysene (C27.41)

R.T.: 15.197 min
Delta R.T.: -0.005 min
Response: 2685990
Conc: 19.19 ug/ml



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

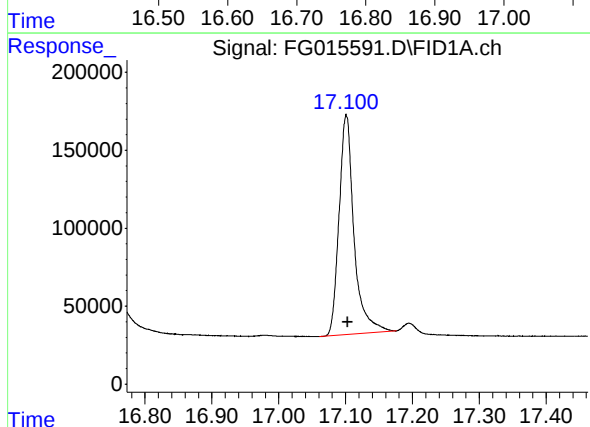
R.T.: 16.718 min
Delta R.T.: -0.005 min
Response: 2283438
Conc: 17.28 ug/ml



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

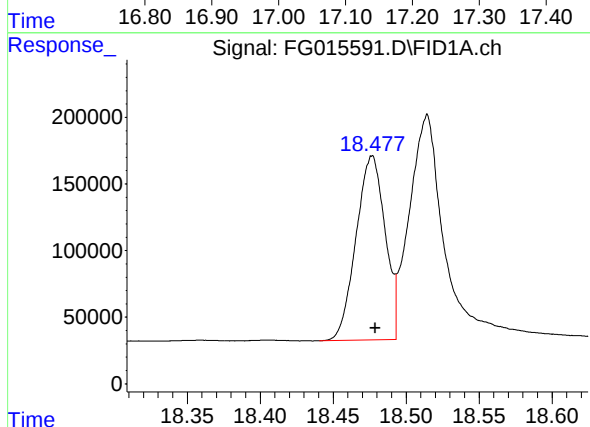
R.T.: 16.749 min
Delta R.T.: -0.005 min
Response: 2653605
Conc: 19.44 ug/ml

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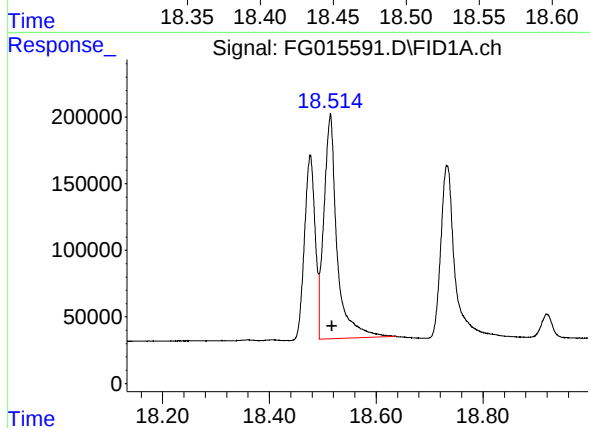
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.101 min
Delta R.T.: -0.002 min
Response: 2190179
Conc: 17.47 ug/ml



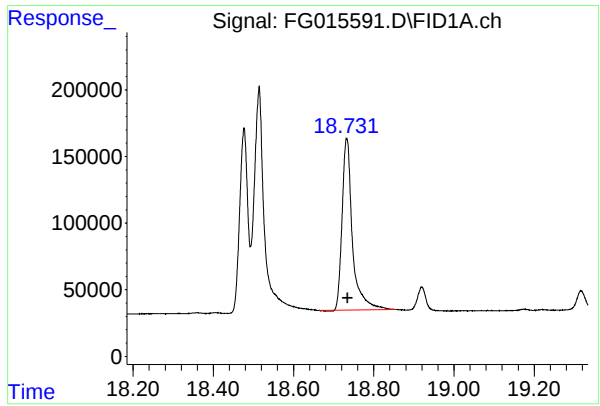
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.477 min
Delta R.T.: -0.002 min
Response: 1915979
Conc: 17.22 ug/ml



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

R.T.: 18.514 min
Delta R.T.: -0.003 min
Response: 2902514
Conc: 22.56 ug/ml



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

R.T.: 18.733 min
Delta R.T.: -0.002 min
Response: 2313240
Conc: 19.36 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD