

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102224AR\
 Data File : FG014481.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 09:25
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 23 02:42:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 2024
 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...	8.033	2486419	19.807 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
6) S 2-Fluorobiphenyl (SURR)	8.909	1707424	19.823 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.65%
11) S ortho-Terphenyl (SURR)	11.983	2925055	19.756 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.635	2709181	19.996 ug/ml
2) T Naphthalene (C11.7)	6.307	2867818	19.984 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	2913888	19.952 ug/ml
5) T Acenaphthylene (C15.06)	8.710	2886180	19.823 ug/ml
7) T Acenaphthene (C15.5)	9.011	2876500	19.877 ug/ml
8) T Fluorene (C16.55)	9.801	2873574	19.835 ug/ml
9) T Phenanthrene (C19.36)	11.211	2920330	19.841 ug/ml
10) T Anthracene (C19.43)	11.285	2778468	19.813 ug/ml
12) T Fluoranthene (C21.85)	13.034	2942619	19.897 ug/ml
13) T Pyrene (C20.8)	13.333	2925378	19.898 ug/ml
14) T Benzo[a]anthracene (C...	15.214	2914306	20.124 ug/ml
15) T Chrysene (C27.41)	15.257	2963919	20.206 ug/ml
16) T benzo[b]fluoranthene ...	16.772	2968184	20.181 ug/ml
17) T Bnezo[k]fluoranthene ...	16.804	2790093	20.217 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.152	2879177	20.189 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.521	2664028	19.959 ug/ml
20) T Dibenz[a,h]anthracene...	18.561	2854865	20.457 ug/ml
21) T Benzo[g,h,i]perylene ...	18.778	2801230	20.134 ug/ml

(f)=RT Delta > 1/2 Window

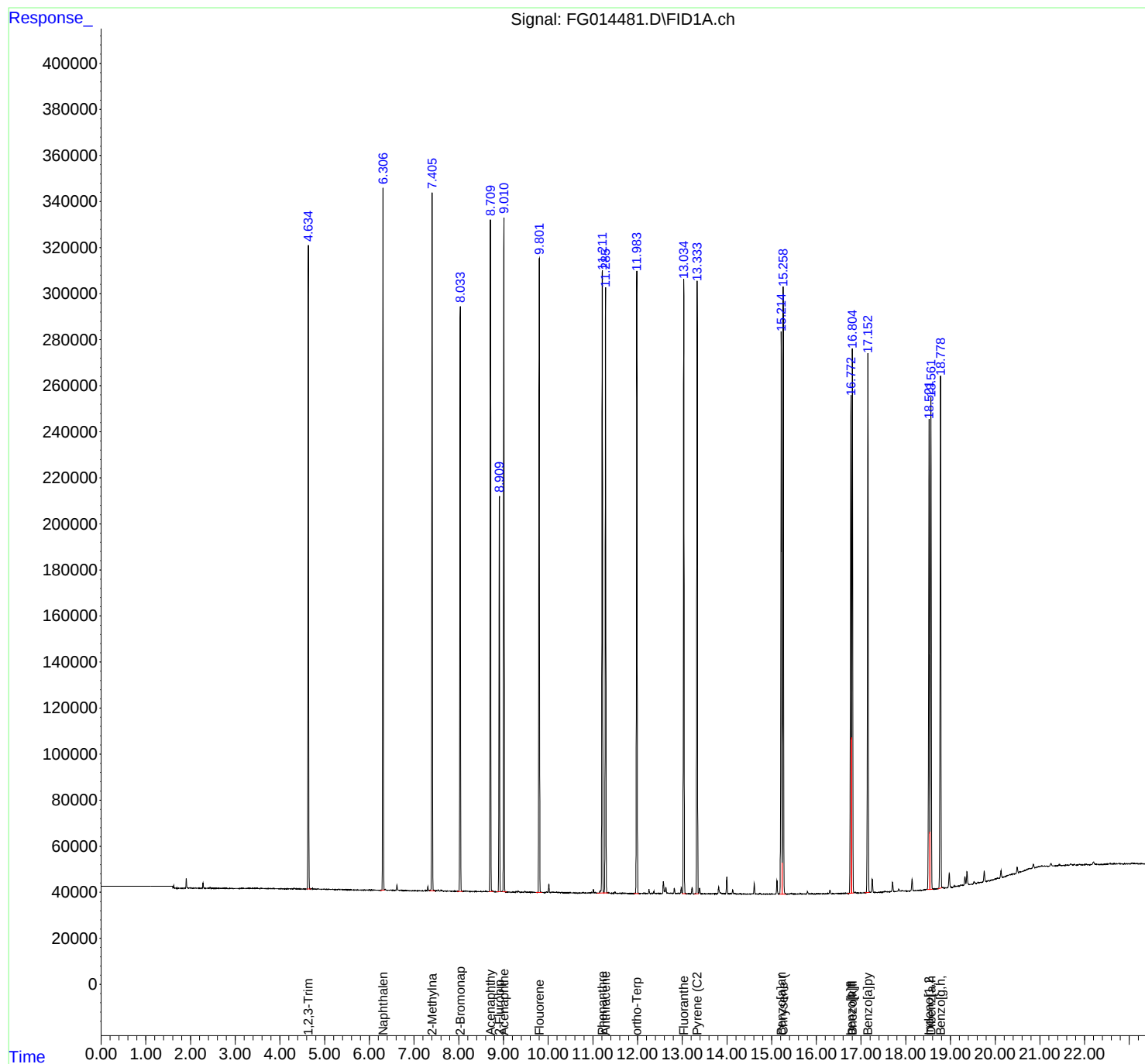
(m)=manual int.

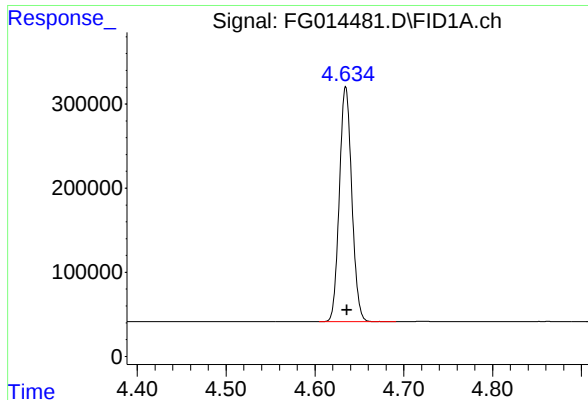
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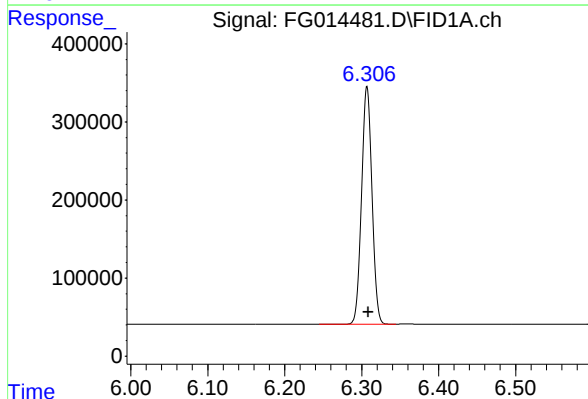




#1 1,2,3-Trimethylbenzene (C10.1)

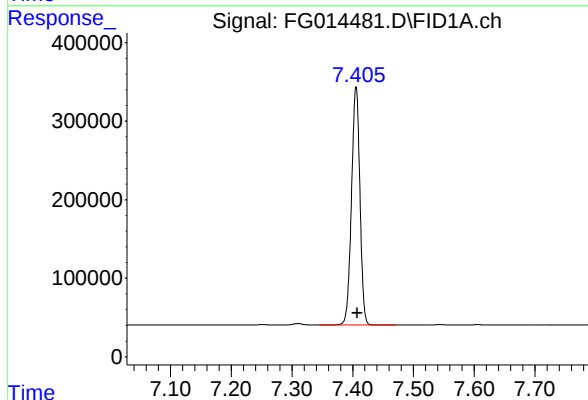
R.T.: 4.635 min
Delta R.T.: -0.001 min
Response: 2709181
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



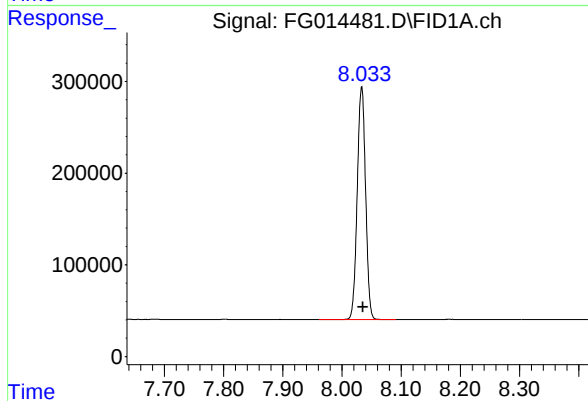
#2 Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 2867818
Conc: 19.98 ug/ml



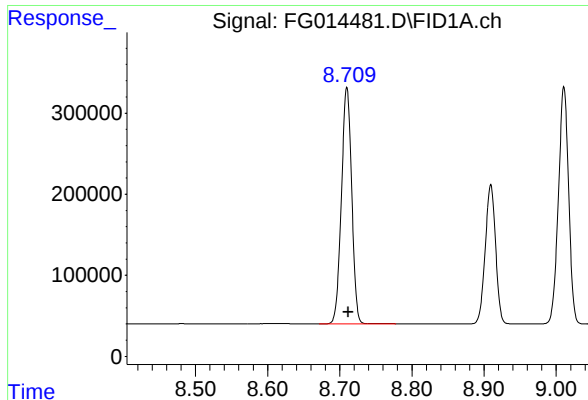
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 2913888
Conc: 19.95 ug/ml



#4 2-Bromonaphthalene (SURR)

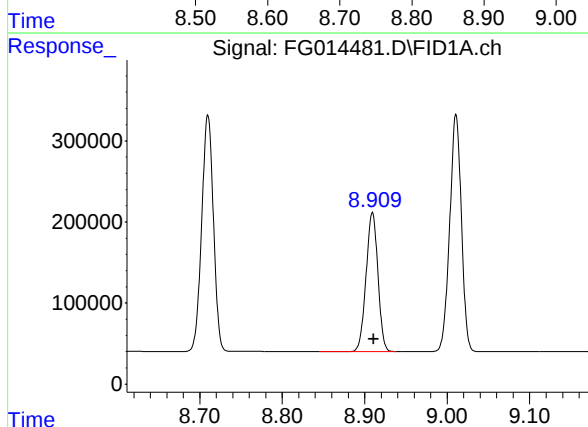
R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 2486419
Conc: 19.81 ug/ml



#5 Acenaphthylene (C15.06)

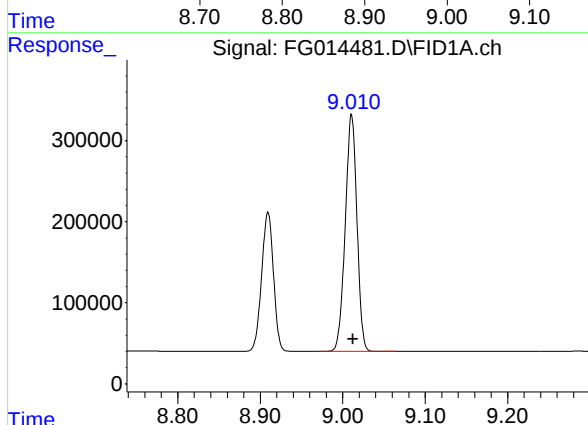
R.T.: 8.710 min
Delta R.T.: -0.002 min
Response: 2886180
Conc: 19.82 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



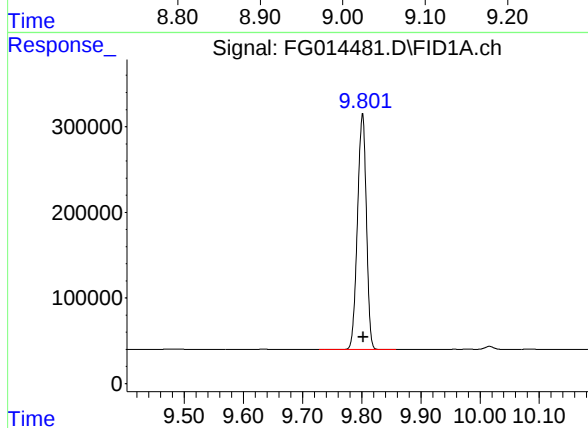
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.909 min
Delta R.T.: -0.002 min
Response: 1707424
Conc: 19.82 ug/ml



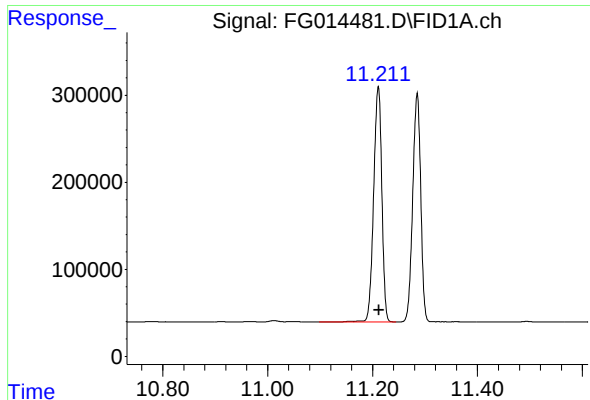
#7 Acenaphthene (C15.5)

R.T.: 9.011 min
Delta R.T.: -0.002 min
Response: 2876500
Conc: 19.88 ug/ml



#8 Fluorene (C16.55)

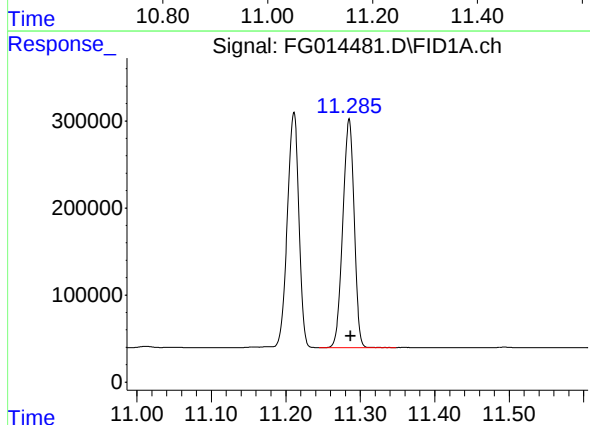
R.T.: 9.801 min
Delta R.T.: -0.001 min
Response: 2873574
Conc: 19.84 ug/ml



#9 Phenanthrene (C19.36)

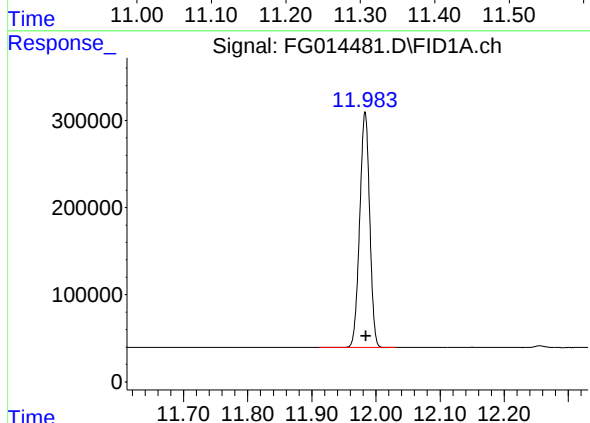
R.T.: 11.211 min
Delta R.T.: -0.002 min
Response: 2920330
Conc: 19.84 ug/ml

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20 PPM AROMATIC HC STD



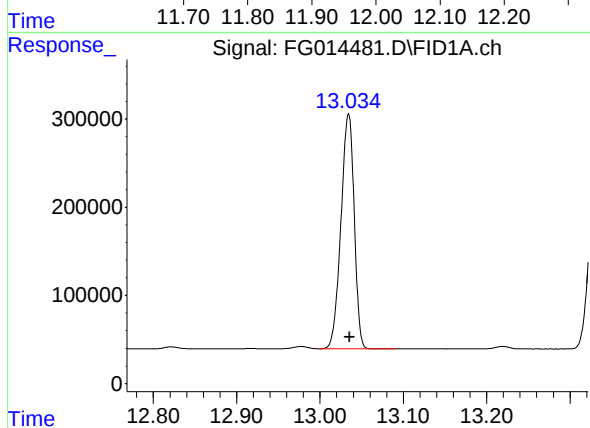
#10 Anthracene (C19.43)

R.T.: 11.285 min
Delta R.T.: -0.002 min
Response: 2778468
Conc: 19.81 ug/ml



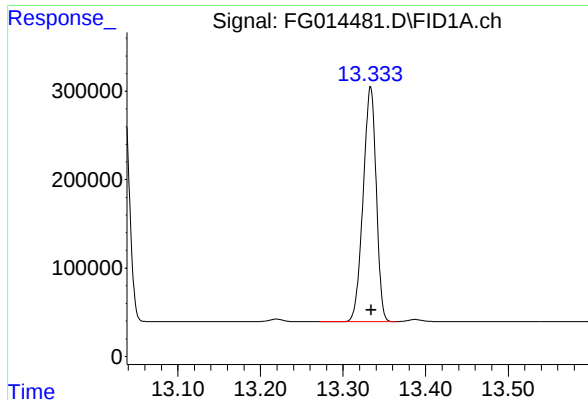
#11 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: -0.002 min
Response: 2925055
Conc: 19.76 ug/ml



#12 Fluoranthene (C21.85)

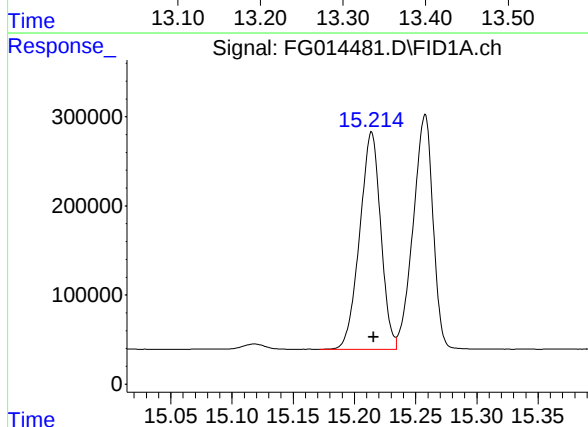
R.T.: 13.034 min
Delta R.T.: -0.002 min
Response: 2942619
Conc: 19.90 ug/ml



#13 Pyrene (C20.8)

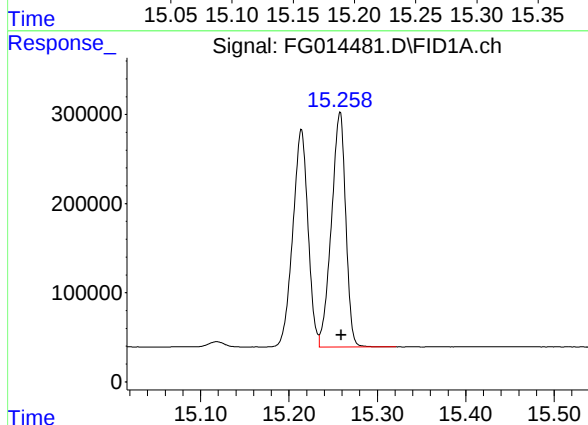
R.T.: 13.333 min
Delta R.T.: 0.000 min
Response: 2925378
Conc: 19.90 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



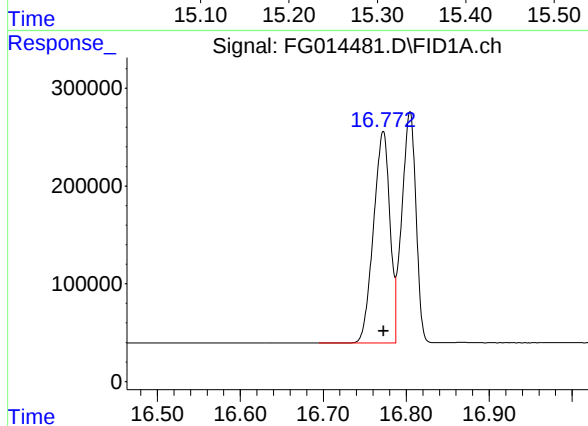
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.214 min
Delta R.T.: -0.002 min
Response: 2914306
Conc: 20.12 ug/ml



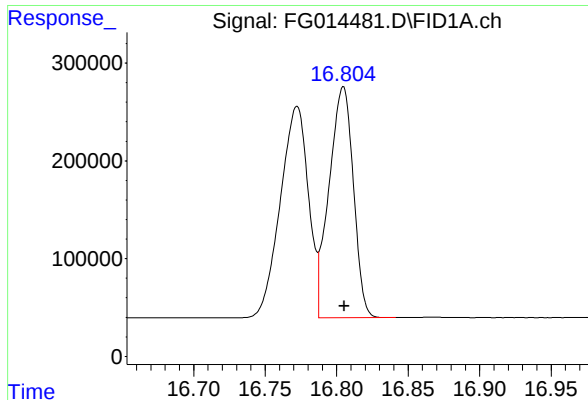
#15 Chrysene (C27.41)

R.T.: 15.257 min
Delta R.T.: -0.002 min
Response: 2963919
Conc: 20.21 ug/ml



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

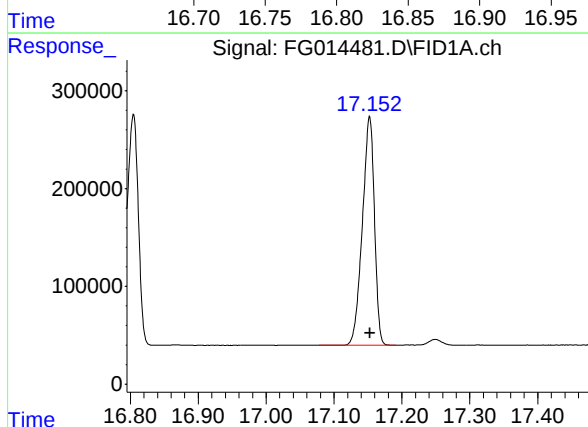
R.T.: 16.772 min
Delta R.T.: 0.000 min
Response: 2968184
Conc: 20.18 ug/ml



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

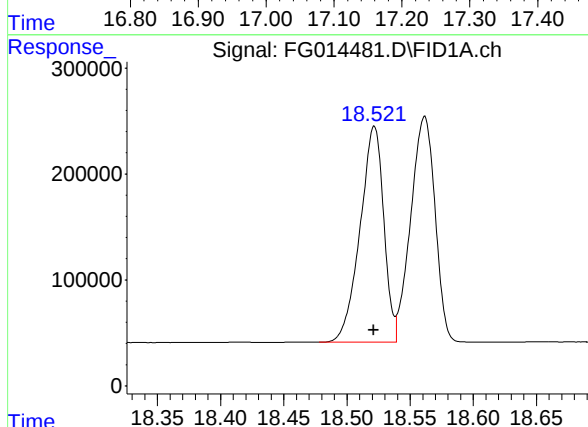
R.T.: 16.804 min
Delta R.T.: -0.001 min
Response: 2790093
Conc: 20.22 ug/ml

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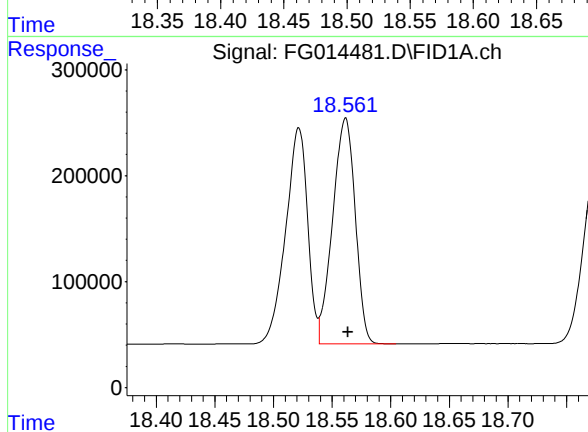
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.152 min
Delta R.T.: 0.000 min
Response: 2879177
Conc: 20.19 ug/ml



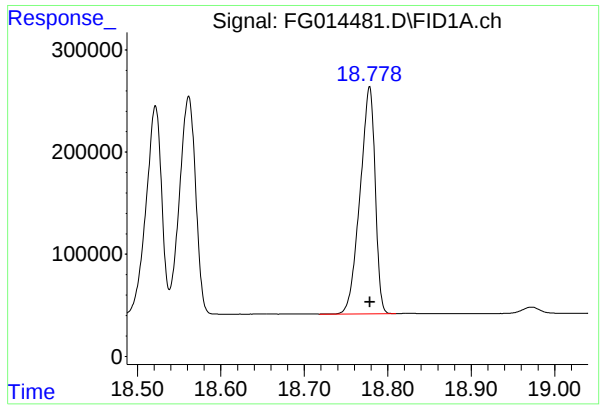
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.521 min
Delta R.T.: 0.000 min
Response: 2664028
Conc: 19.96 ug/ml



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

R.T.: 18.561 min
Delta R.T.: -0.002 min
Response: 2854865
Conc: 20.46 ug/ml



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

R.T.: 18.778 min
Delta R.T.: 0.000 min
Response: 2801230
Conc: 20.13 ug/ml

Instrument :

FID_G

ClientSampleId :

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