

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032125AR\
 Data File : FG015533.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2025 08:54
 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 21 22:52:36 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...	7.965	2593324	21.230 ug/ml
Spiked Amount 50.000		Recovery =	42.46%
6) S 2-Fluorobiphenyl (SURR)	8.843	1777737	21.507 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.01%
11) S ortho-Terphenyl (SURR)	11.916	3066624	21.029 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.555	2836081	21.342 ug/ml
2) T Naphthalene (C11.7)	6.234	2900234	21.466 ug/ml
3) T 2-Methylnaphthalene (...)	7.335	2853315	21.390 ug/ml
5) T Acenaphthylene (C15.06)	8.642	2998869	21.174 ug/ml
7) T Acenaphthene (C15.5)	8.942	2942080	21.564 ug/ml
8) T Flouorene (C16.55)	9.734	2956047	21.175 ug/ml
9) T Phenanthrene (C19.36)	11.146	2882672	20.461 ug/ml
10) T Anthracene (C19.43)	11.221	2723270	19.901 ug/ml
12) T Fluoranthene (C21.85)	12.973	2962715	20.776 ug/ml
13) T Pyrene (C20.8)	13.272	2977936	21.223 ug/ml
14) T Benzo[a]anthracene (C...	15.159	2714078	20.011 ug/ml
15) T Chrysene (C27.41)	15.201	3041241	21.724 ug/ml
16) T benzo[b]fluoranthene ...	16.721	2602957	19.698 ug/ml
17) T Bnezo[k]fluoranthene ...	16.752	2944213	21.563 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.103	2549072	20.327 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.480	2150624	19.330 ug/ml
20) T Dibenz[a,h]anthracene...	18.517	2861266	22.235 ug/ml
21) T Benzo[g,h,i]perylene ...	18.735	2495946	20.888 ug/ml

(f)=RT Delta > 1/2 Window

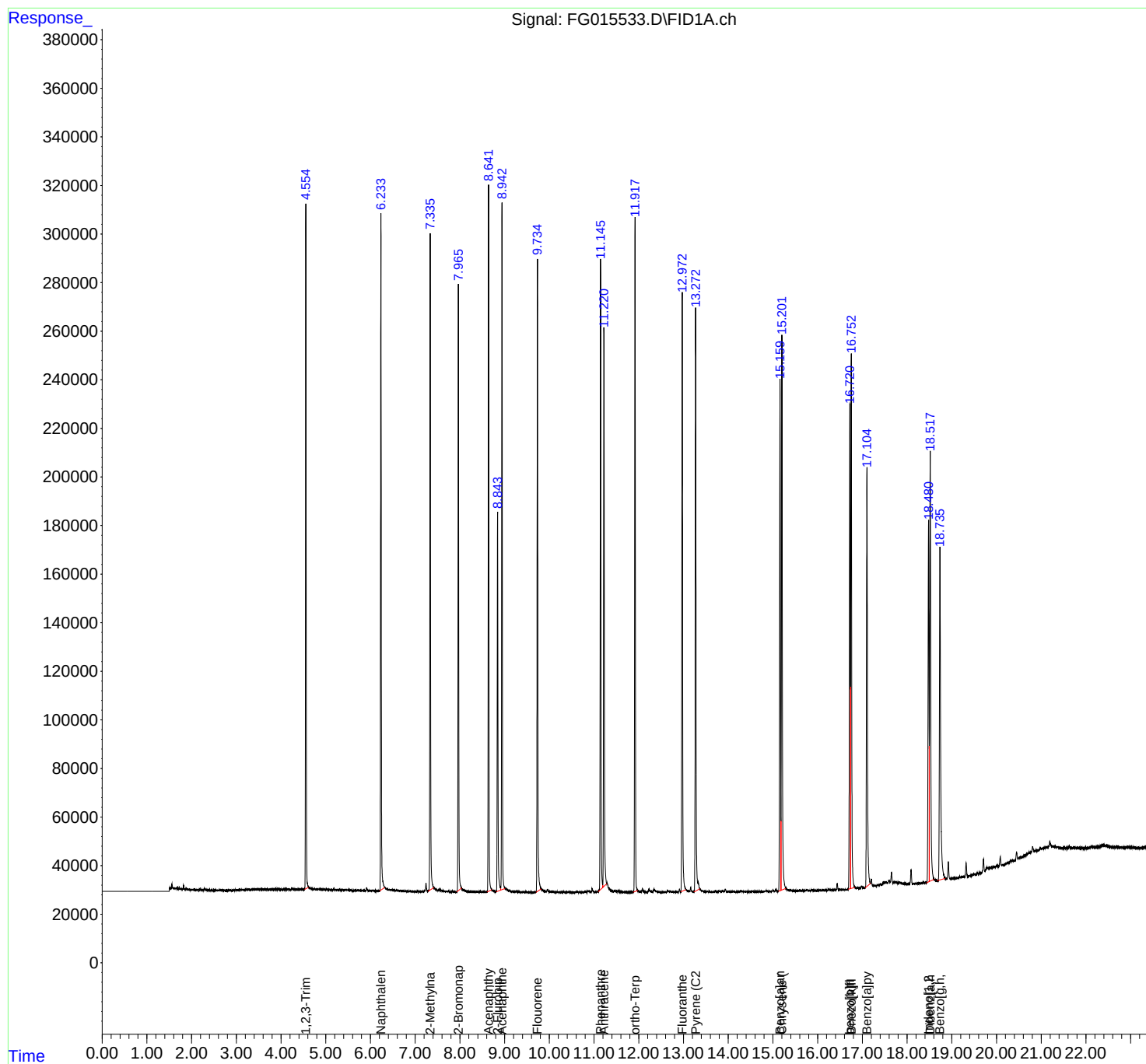
(m)=manual int.

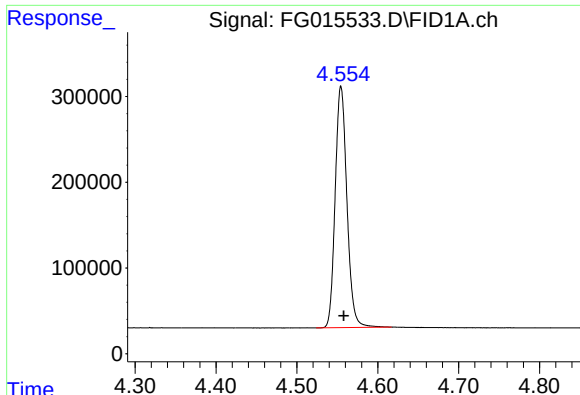
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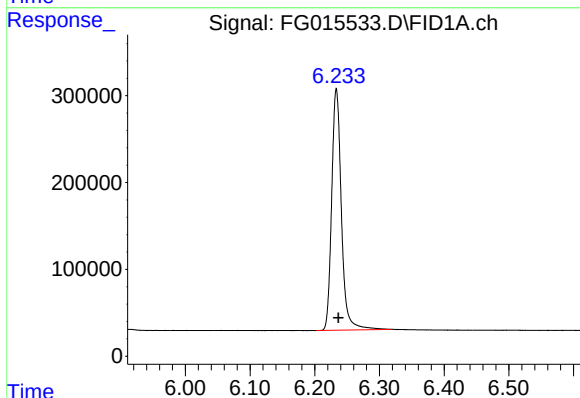




#1 1,2,3-Trimethylbenzene (C10.1)

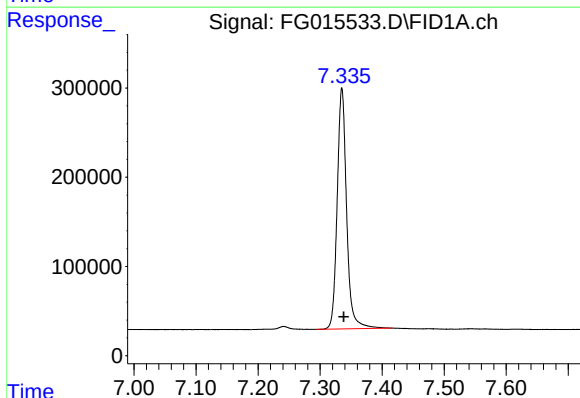
R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 2836081
Conc: 21.34 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



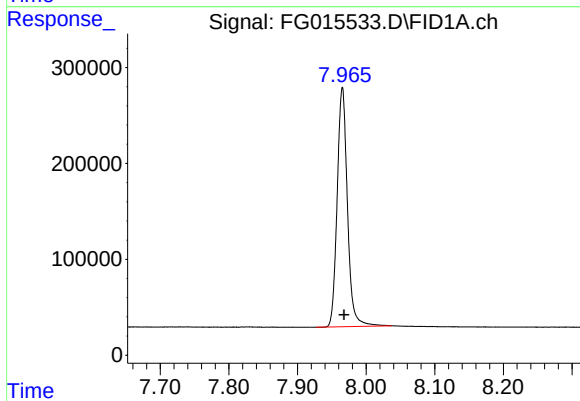
#2 Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.003 min
Response: 2900234
Conc: 21.47 ug/ml



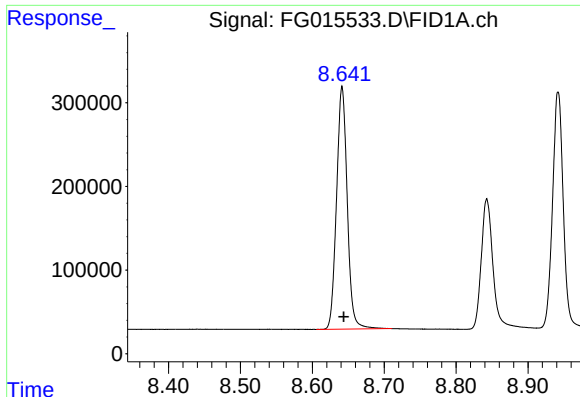
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 2853315
Conc: 21.39 ug/ml



#4 2-Bromonaphthalene (SURR)

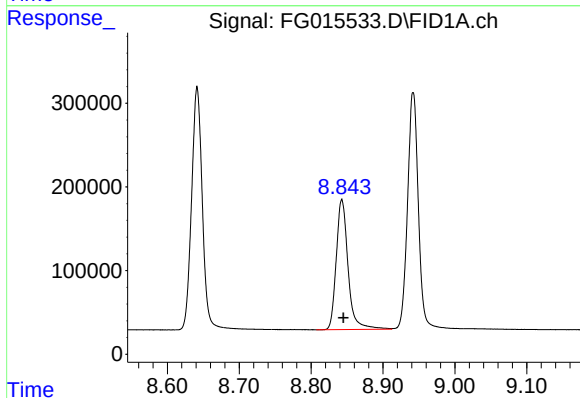
R.T.: 7.965 min
Delta R.T.: -0.003 min
Response: 2593324
Conc: 21.23 ug/ml



#5 Acenaphthylene (C15.06)

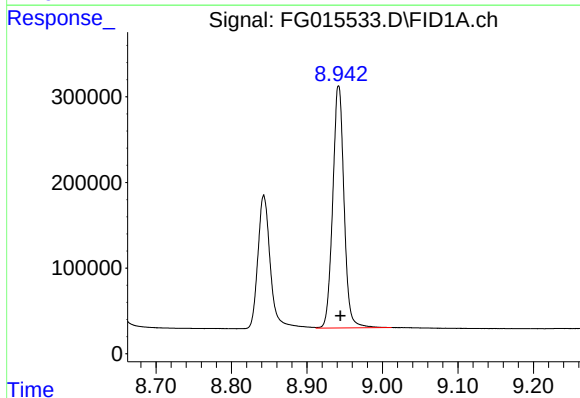
R.T.: 8.642 min
Delta R.T.: -0.002 min
Response: 2998869
Conc: 21.17 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



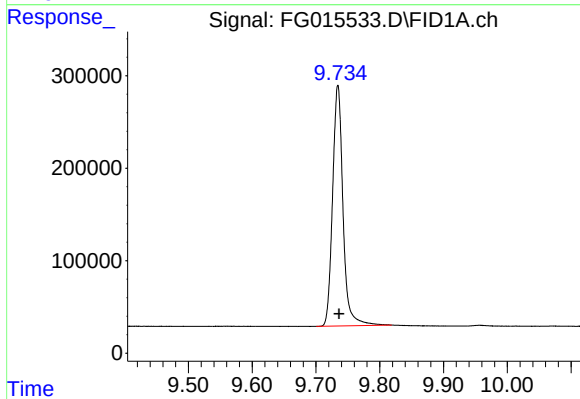
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.843 min
Delta R.T.: -0.002 min
Response: 1777737
Conc: 21.51 ug/ml



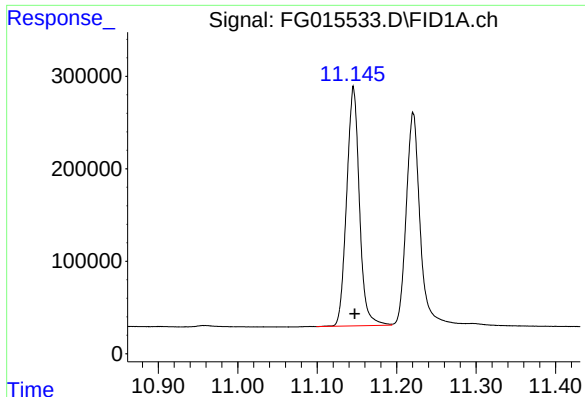
#7 Acenaphthene (C15.5)

R.T.: 8.942 min
Delta R.T.: -0.002 min
Response: 2942080
Conc: 21.56 ug/ml



#8 Fluorene (C16.55)

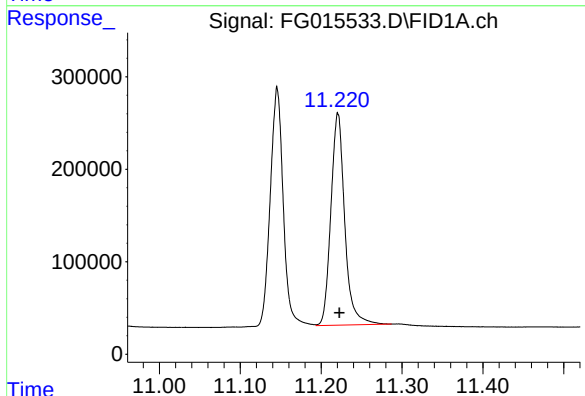
R.T.: 9.734 min
Delta R.T.: -0.002 min
Response: 2956047
Conc: 21.17 ug/ml



#9 Phenanthrene (C19.36)

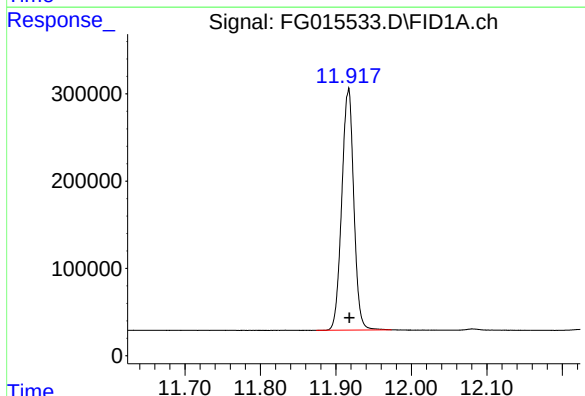
R.T.: 11.146 min
Delta R.T.: -0.002 min
Response: 2882672
Conc: 20.46 ug/ml

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20 PPM AROMATIC HC STD



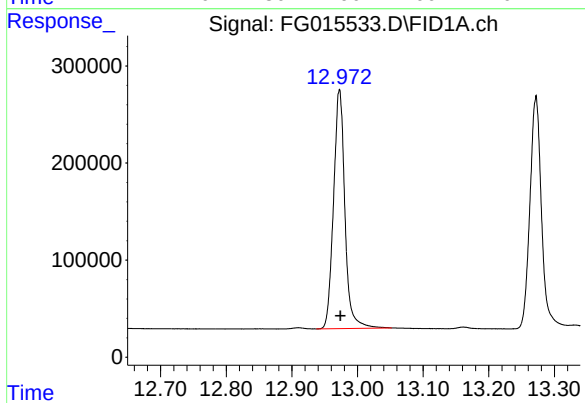
#10 Anthracene (C19.43)

R.T.: 11.221 min
Delta R.T.: -0.002 min
Response: 2723270
Conc: 19.90 ug/ml



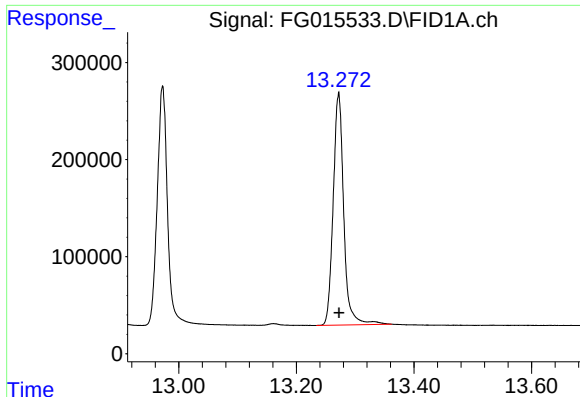
#11 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: -0.001 min
Response: 3066624
Conc: 21.03 ug/ml



#12 Fluoranthene (C21.85)

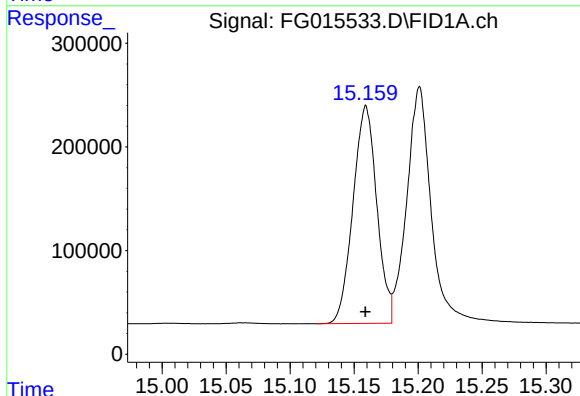
R.T.: 12.973 min
Delta R.T.: -0.001 min
Response: 2962715
Conc: 20.78 ug/ml



#13 Pyrene (C20.8)

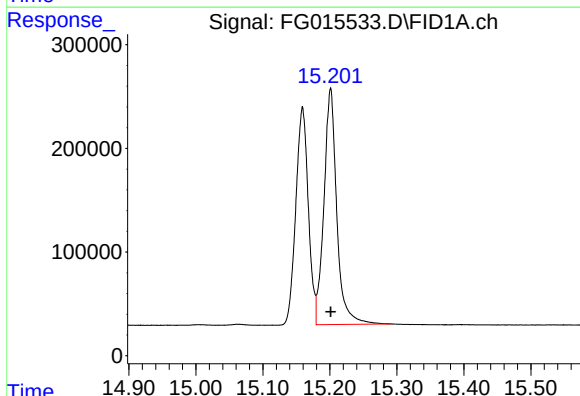
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 2977936
Conc: 21.22 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



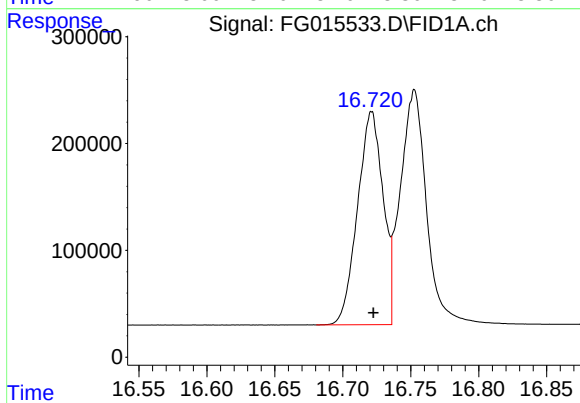
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 2714078
Conc: 20.01 ug/ml



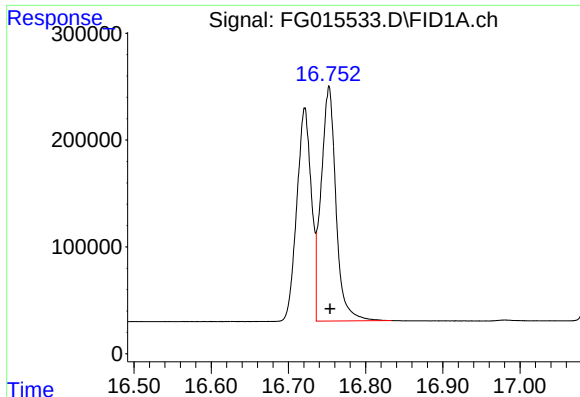
#15 Chrysene (C27.41)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 3041241
Conc: 21.72 ug/ml



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

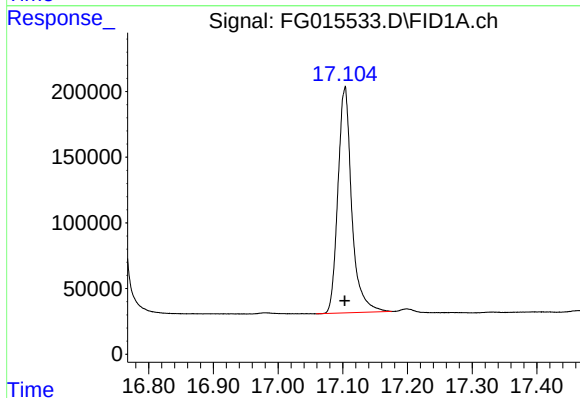
R.T.: 16.721 min
Delta R.T.: -0.001 min
Response: 2602957
Conc: 19.70 ug/ml



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

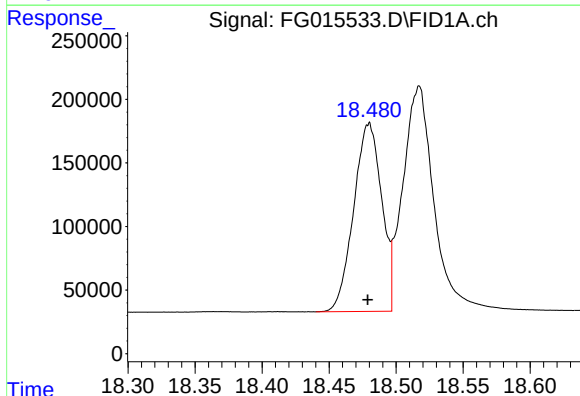
R.T.: 16.752 min
Delta R.T.: -0.002 min
Response: 2944213
Conc: 21.56 ug/ml

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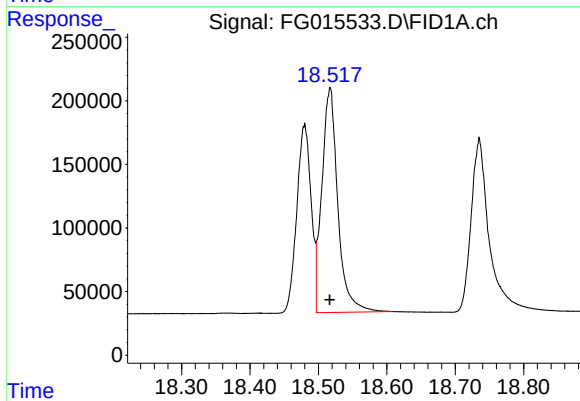
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.103 min
Delta R.T.: 0.000 min
Response: 2549072
Conc: 20.33 ug/ml



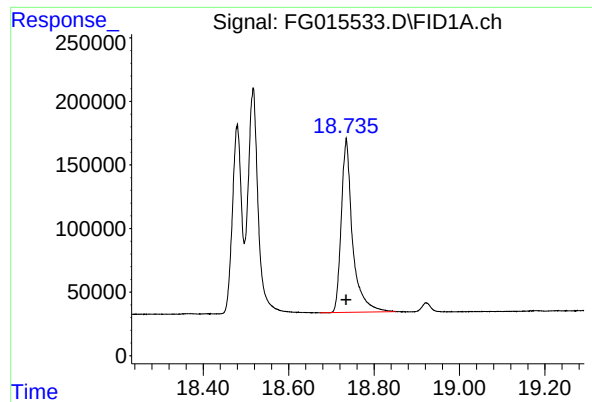
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.480 min
Delta R.T.: 0.000 min
Response: 2150624
Conc: 19.33 ug/ml



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

R.T.: 18.517 min
Delta R.T.: 0.000 min
Response: 2861266
Conc: 22.24 ug/ml



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

R.T.: 18.735 min
Delta R.T.: 0.000 min
Response: 2495946
Conc: 20.89 ug/ml

Instrument :

FID_G

ClientSampleId :

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