

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AR\
 Data File : FG014468.D
 Signal(s) : FID1A.ch
 Acq On : 21 Oct 2024 23:03
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 22 04:39:21 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...	8.035	2515922	20.042 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
6) S 2-Fluorobiphenyl (SURR)	8.912	1734680	20.139 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.28%
11) S ortho-Terphenyl (SURR)	11.985	2989602	20.192 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.636	2714102	20.032 ug/ml
2) T Naphthalene (C11.7)	6.309	2878694	20.060 ug/ml
3) T 2-Methylnaphthalene (...)	7.408	2937812	20.116 ug/ml
5) T Acenaphthylene (C15.06)	8.712	2927551	20.108 ug/ml
7) T Acenaphthene (C15.5)	9.013	2914906	20.142 ug/ml
8) T Fluorene (C16.55)	9.803	2923741	20.181 ug/ml
9) T Phenanthrene (C19.36)	11.213	2970875	20.184 ug/ml
10) T Anthracene (C19.43)	11.287	2834385	20.212 ug/ml
12) T Fluoranthene (C21.85)	13.036	2983929	20.176 ug/ml
13) T Pyrene (C20.8)	13.335	2966425	20.177 ug/ml
14) T Benzo[a]anthracene (C...	15.216	2914553	20.125 ug/ml
15) T Chrysene (C27.41)	15.259	2948163	20.099 ug/ml
16) T benzo[b]fluoranthene ...	16.772	2935035	19.955 ug/ml
17) T Bnezo[k]fluoranthene ...	16.805	2753450	19.952 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.152	2845803	19.955 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.521	2621739	19.642 ug/ml
20) T Dibenz[a,h]anthracene...	18.562	2784792	19.955 ug/ml
21) T Benzo[g,h,i]perylene ...	18.777	2759911	19.837 ug/ml

(f)=RT Delta > 1/2 Window

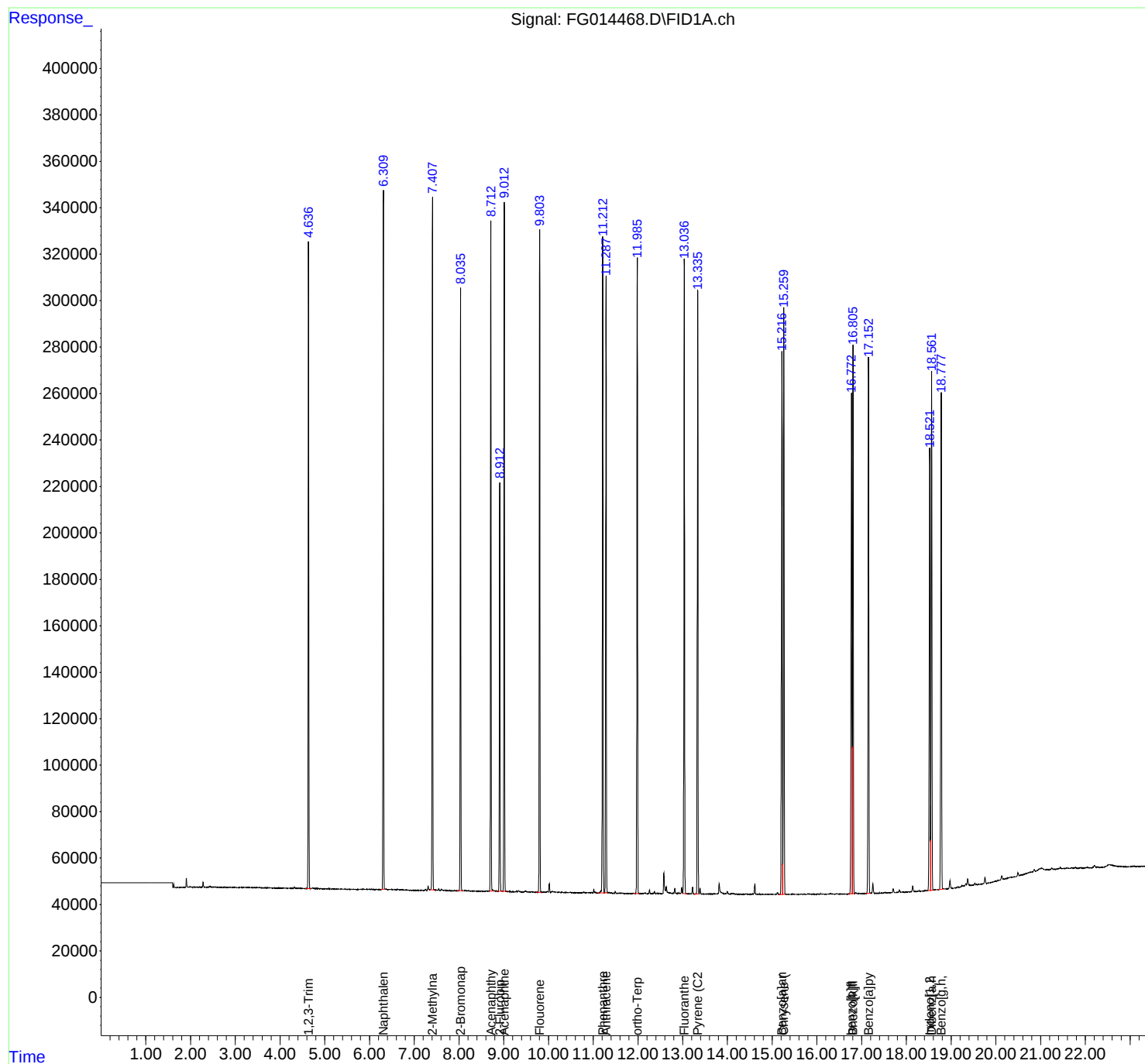
(m)=manual int.

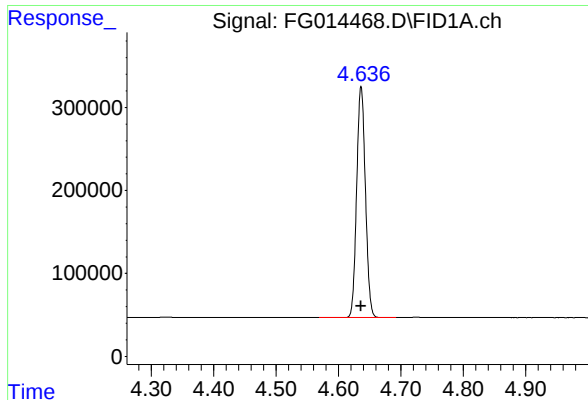
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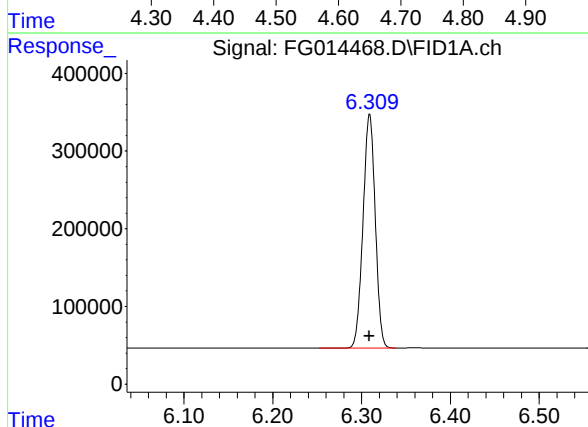




#1 1,2,3-Trimethylbenzene (C10.1)

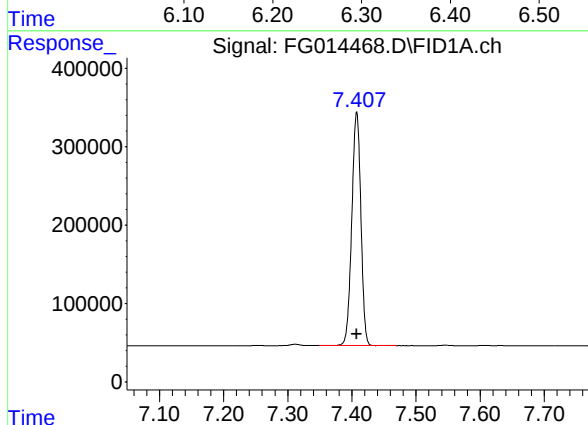
R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 2714102
Conc: 20.03 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



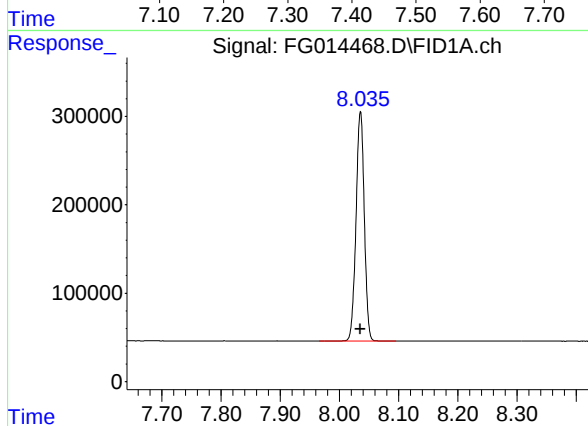
#2 Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 2878694
Conc: 20.06 ug/ml



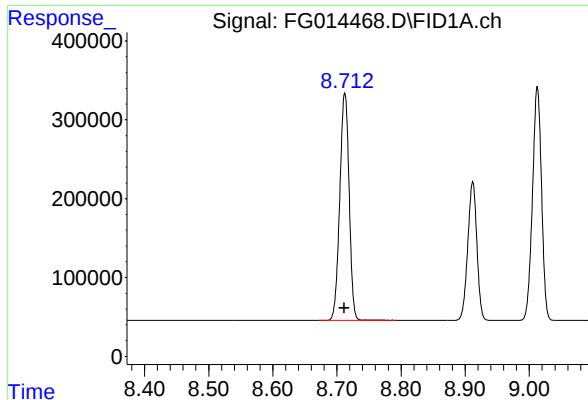
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: 0.000 min
Response: 2937812
Conc: 20.12 ug/ml



#4 2-Bromonaphthalene (SURR)

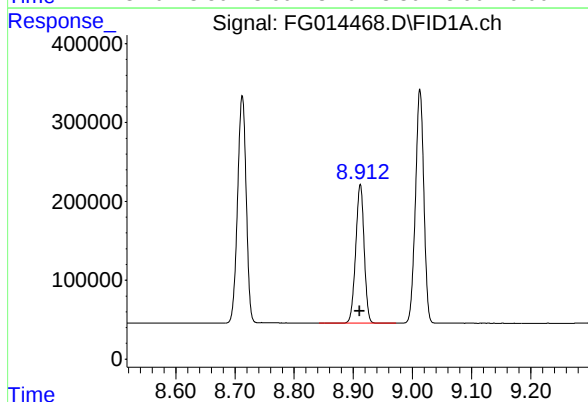
R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 2515922
Conc: 20.04 ug/ml



#5 Acenaphthylene (C15.06)

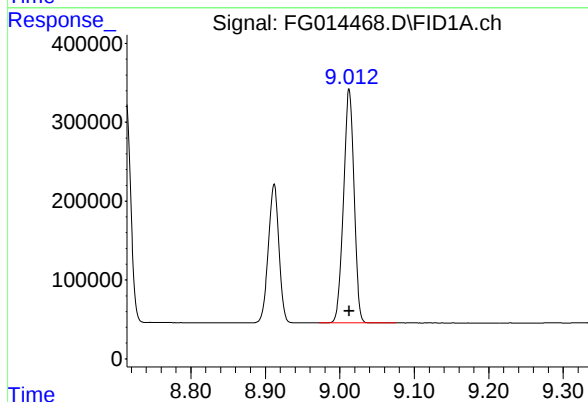
R.T.: 8.712 min
Delta R.T.: 0.000 min
Response: 2927551
Conc: 20.11 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



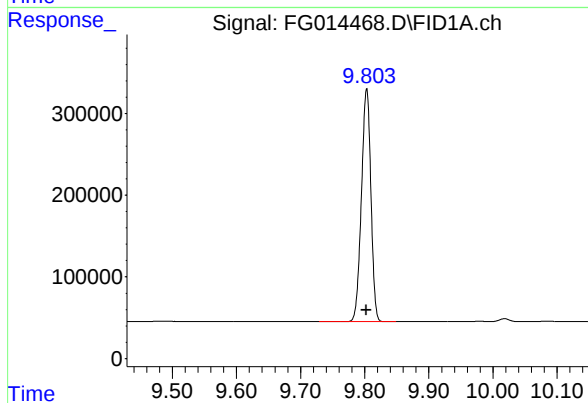
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 1734680
Conc: 20.14 ug/ml



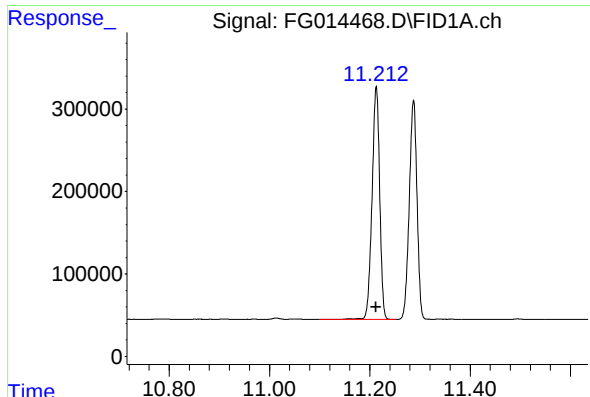
#7 Acenaphthene (C15.5)

R.T.: 9.013 min
Delta R.T.: 0.000 min
Response: 2914906
Conc: 20.14 ug/ml



#8 Flouorene (C16.55)

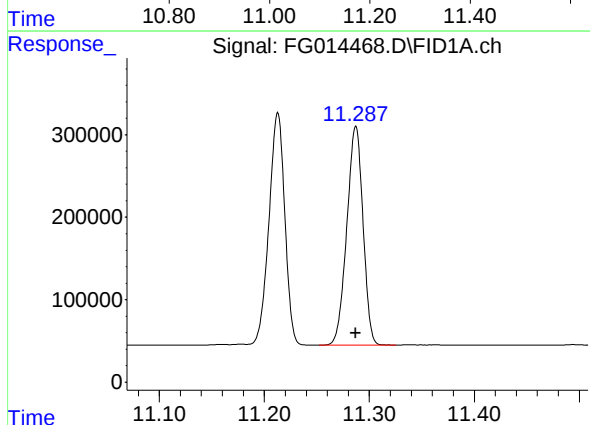
R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 2923741
Conc: 20.18 ug/ml



#9 Phenanthrene (C19.36)

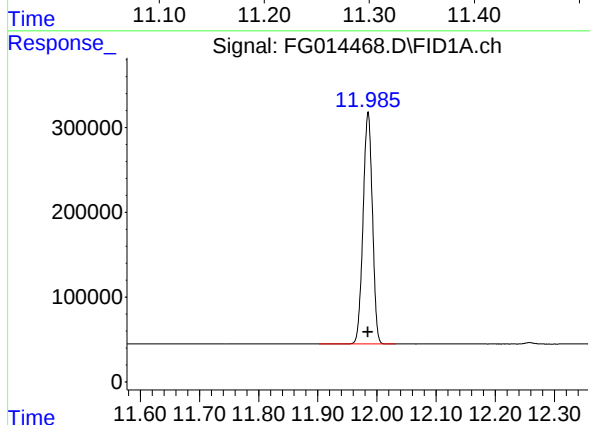
R.T.: 11.213 min
Delta R.T.: 0.000 min
Response: 2970875
Conc: 20.18 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



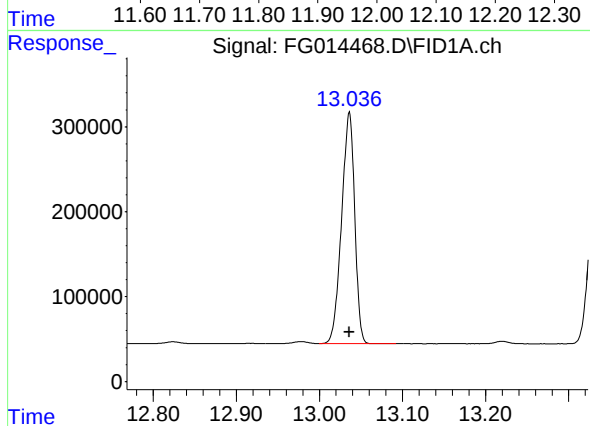
#10 Anthracene (C19.43)

R.T.: 11.287 min
Delta R.T.: 0.000 min
Response: 2834385
Conc: 20.21 ug/ml



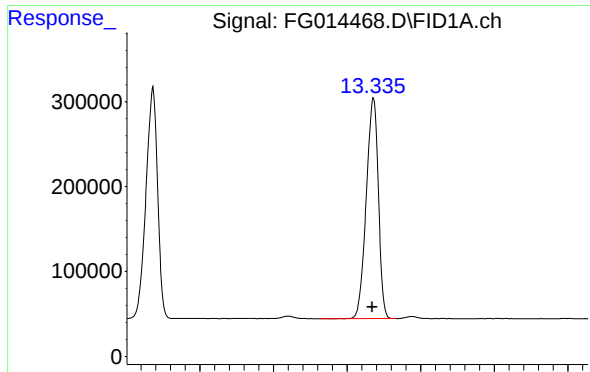
#11 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.000 min
Response: 2989602
Conc: 20.19 ug/ml



#12 Fluoranthene (C21.85)

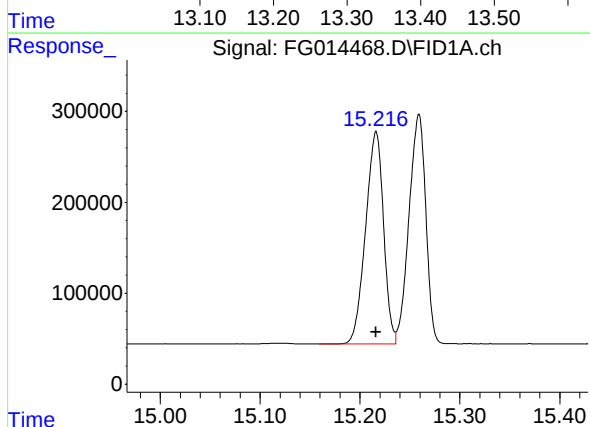
R.T.: 13.036 min
Delta R.T.: 0.000 min
Response: 2983929
Conc: 20.18 ug/ml



#13 Pyrene (C20.8)

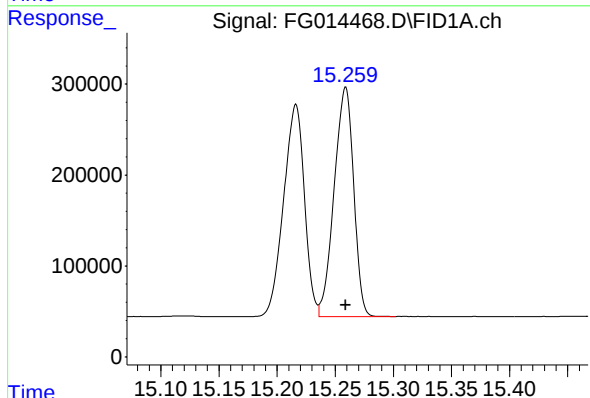
R.T.: 13.335 min
Delta R.T.: 0.001 min
Response: 2966425
Conc: 20.18 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



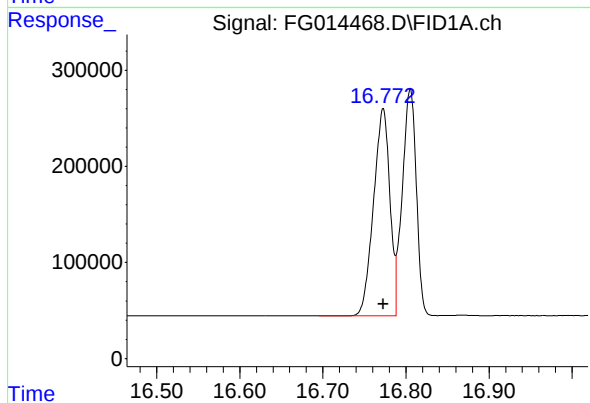
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 2914553
Conc: 20.13 ug/ml



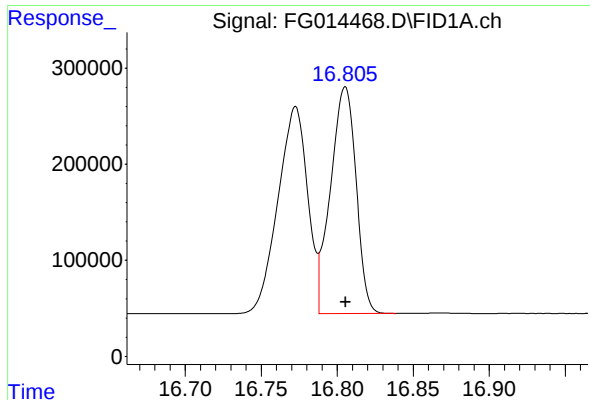
#15 Chrysene (C27.41)

R.T.: 15.259 min
Delta R.T.: 0.000 min
Response: 2948163
Conc: 20.10 ug/ml



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

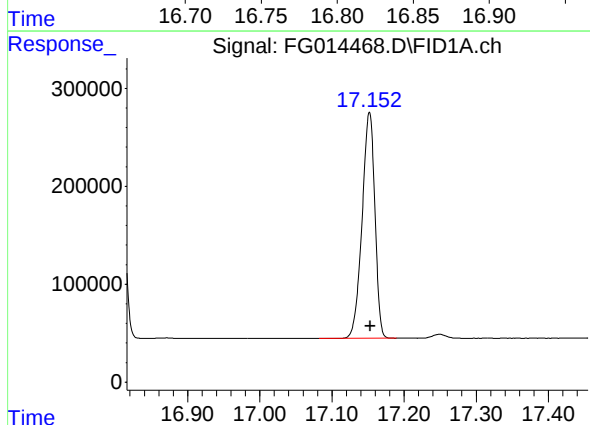
R.T.: 16.772 min
Delta R.T.: 0.000 min
Response: 2935035
Conc: 19.96 ug/ml



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

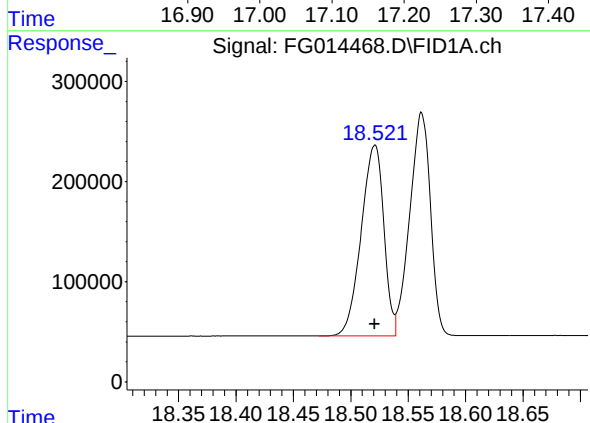
R.T.: 16.805 min
Delta R.T.: 0.000 min
Response: 2753450
Conc: 19.95 ug/ml

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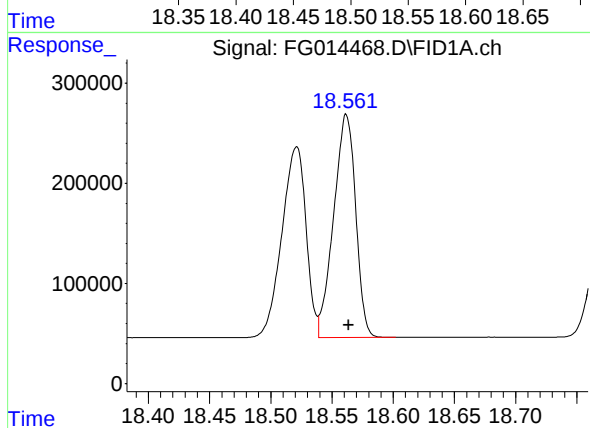
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.152 min
Delta R.T.: -0.001 min
Response: 2845803
Conc: 19.95 ug/ml



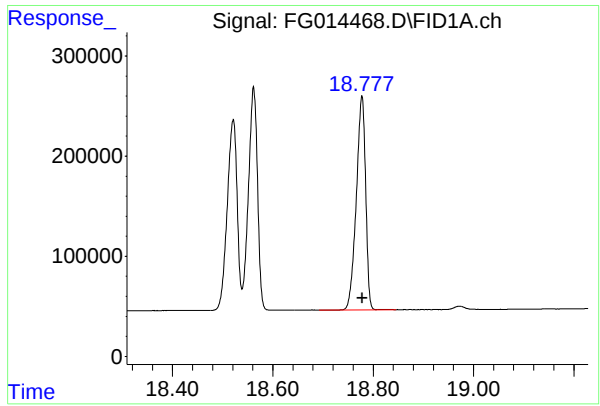
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.521 min
Delta R.T.: 0.000 min
Response: 2621739
Conc: 19.64 ug/ml



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

R.T.: 18.562 min
Delta R.T.: -0.002 min
Response: 2784792
Conc: 19.96 ug/ml



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

R.T.: 18.777 min
Delta R.T.: -0.001 min
Response: 2759911
Conc: 19.84 ug/ml

Instrument :

FID_G

ClientSampleId :

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