

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AR\
 Data File : FG014463.D
 Signal(s) : FID1A.ch
 Acq On : 21 Oct 2024 20:09
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 22 04:31:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:30:07 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	2537923	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.911	1743127	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.985	2988773	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.636	2759710	20.000 ug/ml
2) T Naphthalene (C11.7)	6.309	2915158	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.407	2966297	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.712	2941563	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.013	2927901	20.000 ug/ml
8) T Fluorene (C16.55)	9.803	2927350	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.212	2971764	20.000 ug/ml
10) T Anthracene (C19.43)	11.287	2833424	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.036	2978864	20.000 ug/ml
13) T Pyrene (C20.8)	13.334	2960529	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.216	2910060	20.000 ug/ml
15) T Chrysene (C27.41)	15.259	2947985	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.773	2935039	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.805	2751941	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.153	2846631	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.521	2628924	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.563	2774674	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.779	2767473	20.000 ug/ml

(f)=RT Delta > 1/2 Window

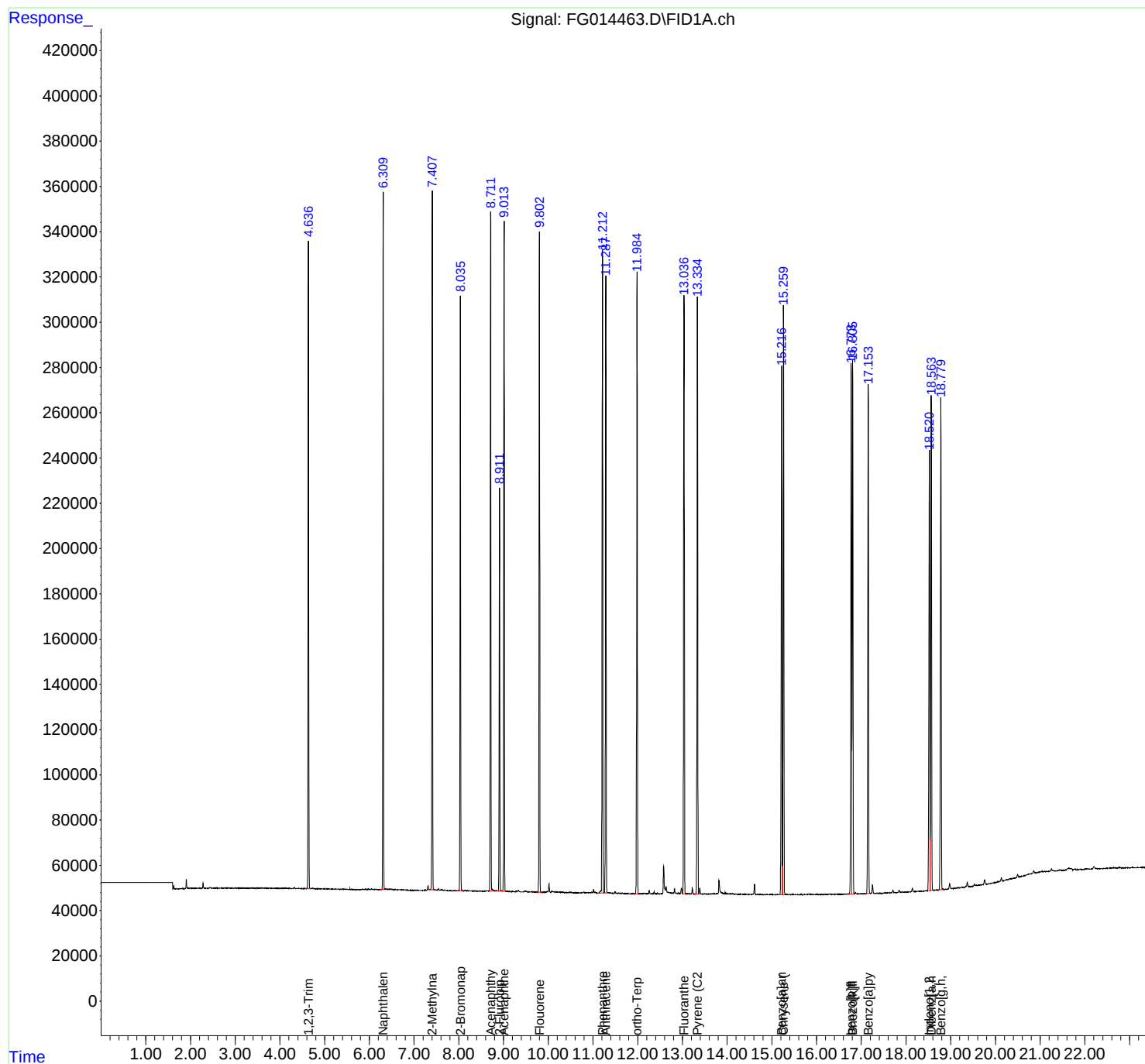
(m)=manual int.

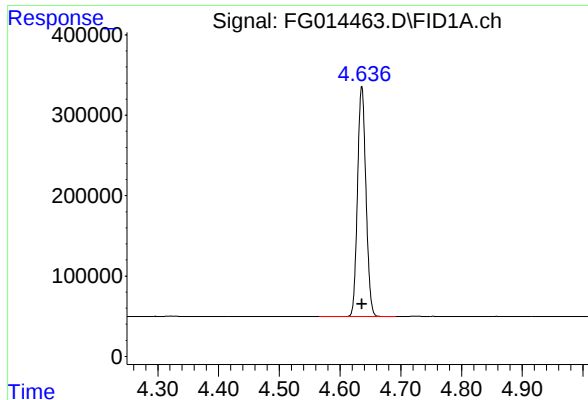
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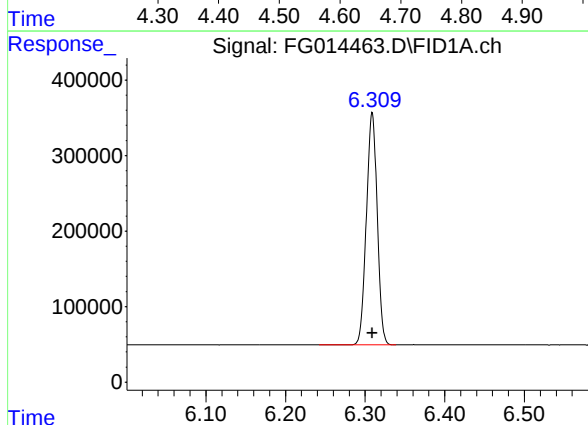




#1 1,2,3-Trimethylbenzene (C10.1)

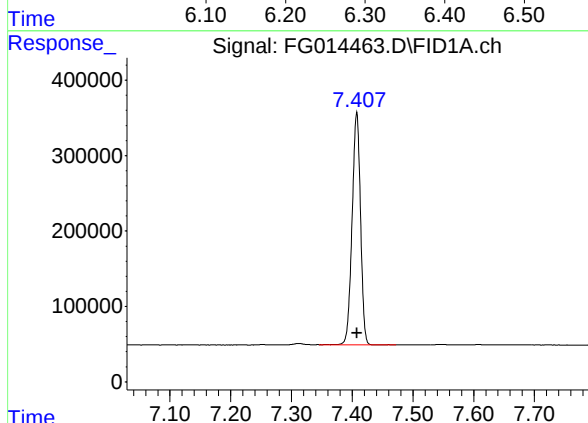
R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 2759710
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



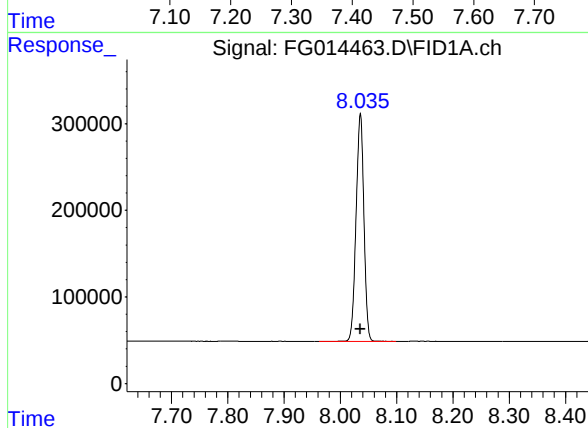
#2 Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 2915158
Conc: 20.00 ug/ml



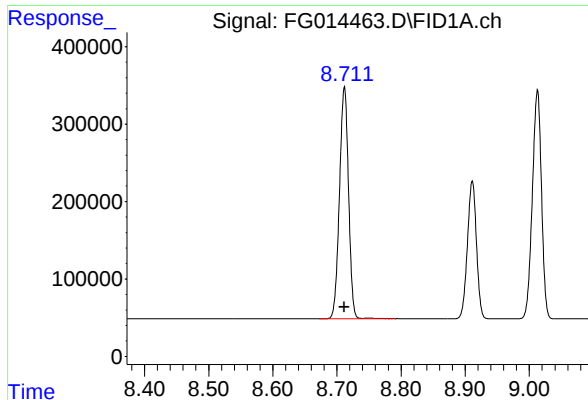
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: 0.000 min
Response: 2966297
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

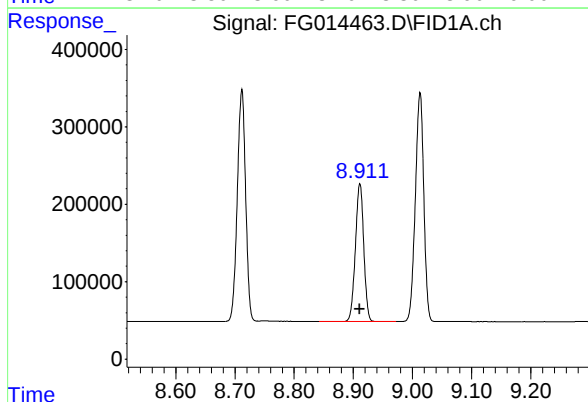
R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 2537923
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

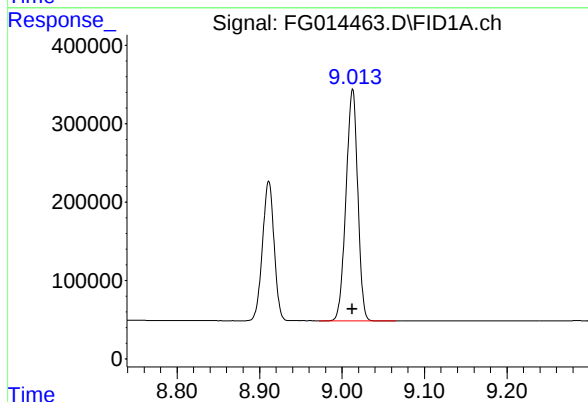
R.T.: 8.712 min
Delta R.T.: 0.000 min
Response: 2941563
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



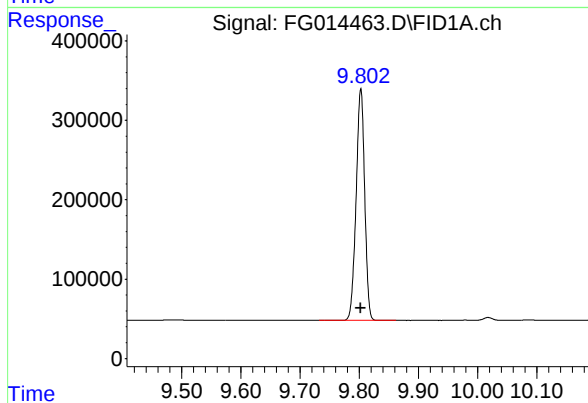
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 1743127
Conc: 20.00 ug/ml



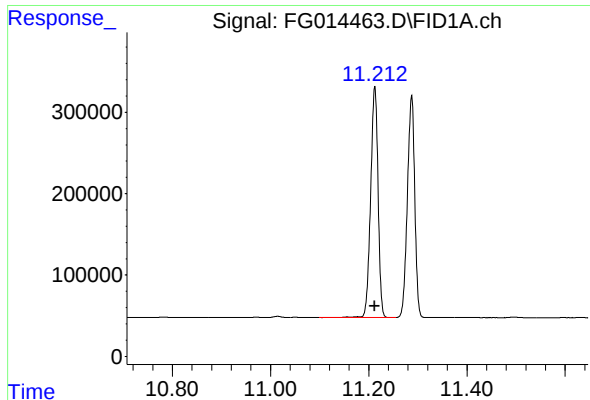
#7 Acenaphthene (C15.5)

R.T.: 9.013 min
Delta R.T.: 0.000 min
Response: 2927901
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

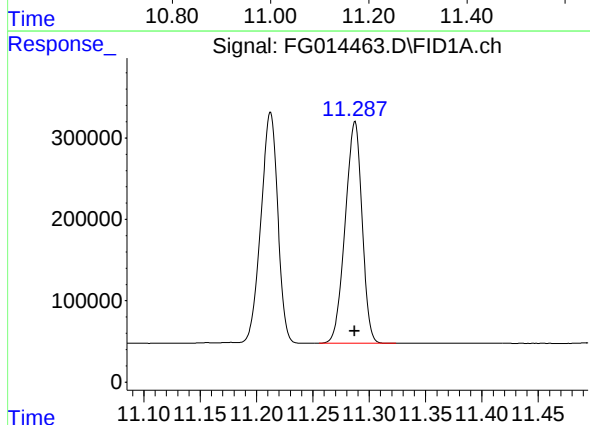
R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 2927350
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

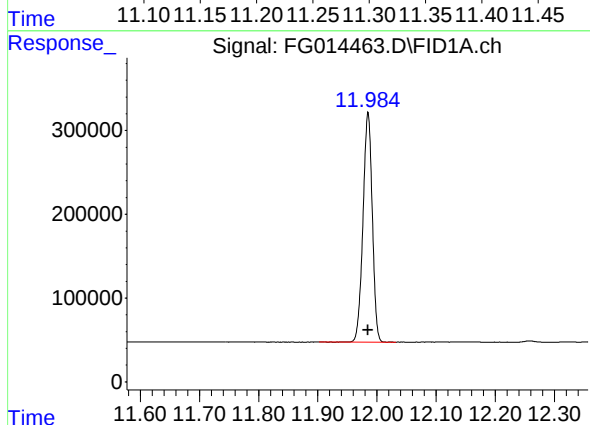
R.T.: 11.212 min
Delta R.T.: 0.000 min
Response: 2971764
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



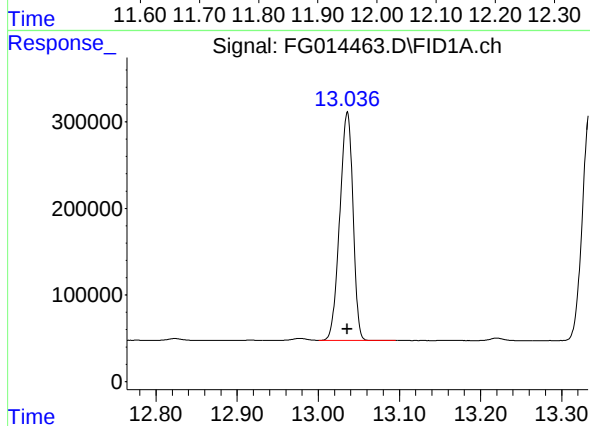
#10 Anthracene (C19.43)

R.T.: 11.287 min
Delta R.T.: 0.000 min
Response: 2833424
Conc: 20.00 ug/ml



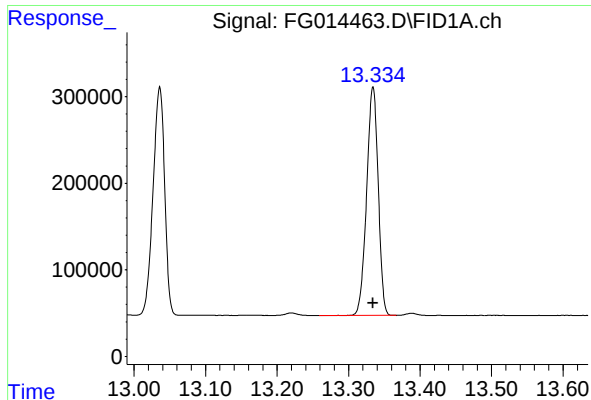
#11 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.000 min
Response: 2988773
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

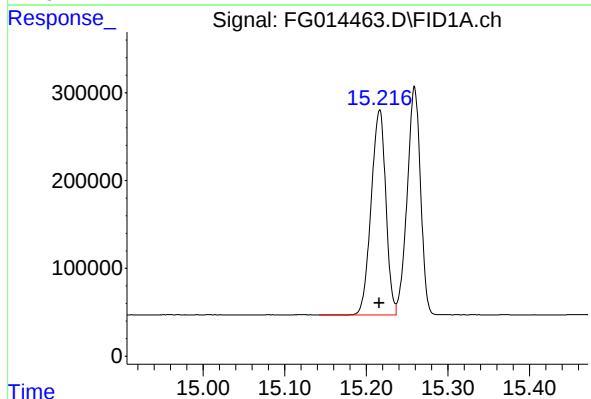
R.T.: 13.036 min
Delta R.T.: 0.000 min
Response: 2978864
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

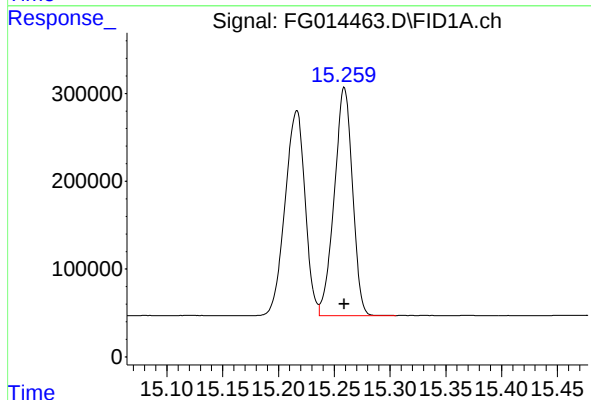
R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 2960529
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



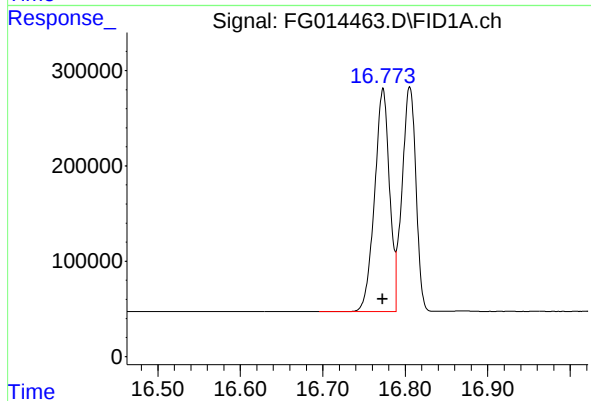
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 2910060
Conc: 20.00 ug/ml



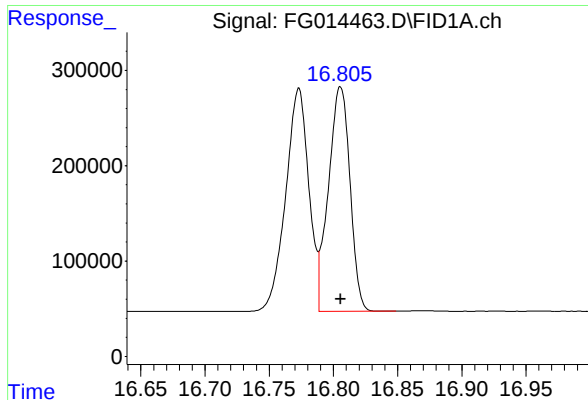
#15 Chrysene (C27.41)

R.T.: 15.259 min
Delta R.T.: 0.000 min
Response: 2947985
Conc: 20.00 ug/ml



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

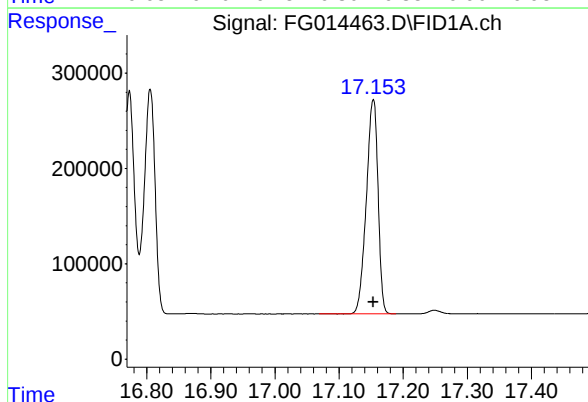
R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 2935039
Conc: 20.00 ug/ml



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

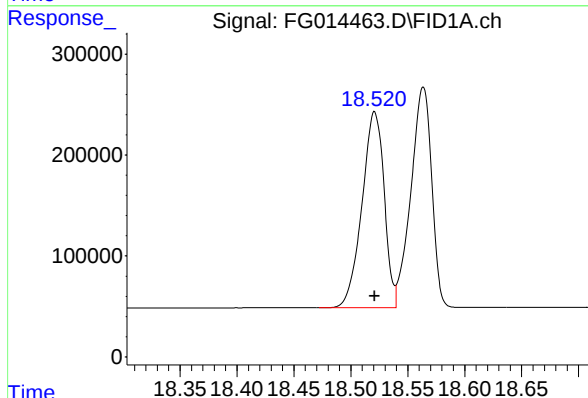
R.T.: 16.805 min
Delta R.T.: 0.000 min
Response: 2751941
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



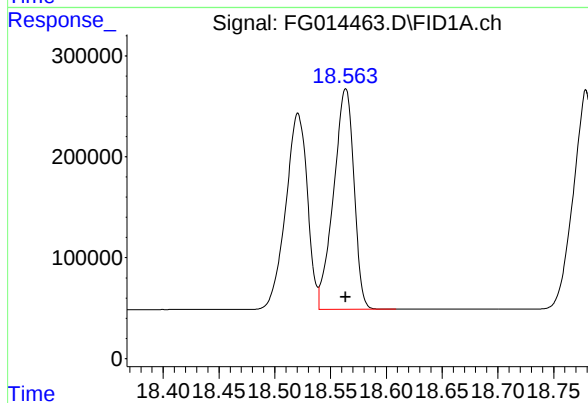
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.153 min
Delta R.T.: 0.000 min
Response: 2846631
Conc: 20.00 ug/ml



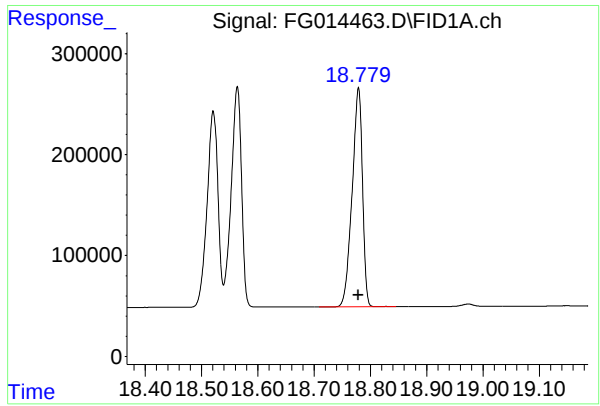
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.521 min
Delta R.T.: 0.000 min
Response: 2628924
Conc: 20.00 ug/ml



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

R.T.: 18.563 min
Delta R.T.: 0.000 min
Response: 2774674
Conc: 20.00 ug/ml



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

R.T.: 18.779 min
Delta R.T.: 0.000 min
Response: 2767473
Conc: 20.00 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD3