

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AR\
 Data File : FG014960.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 19:30
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 11 00:36:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 17:48:21 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...	7.996	2357280	20.193 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
6) S 2-Fluorobiphenyl (SURR)	8.871	1562307	20.248 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.50%
11) S ortho-Terphenyl (SURR)	11.942	2650974	20.108 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.601	2649870	20.203 ug/ml
2) T Naphthalene (C11.7)	6.271	2686823	20.225 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	2602670	20.243 ug/ml
5) T Acenaphthylene (C15.06)	8.672	2657986	20.217 ug/ml
7) T Acenaphthene (C15.5)	8.971	2597858	20.233 ug/ml
8) T Fluorene (C16.55)	9.761	2561795	20.134 ug/ml
9) T Phenanthrene (C19.36)	11.169	2489670	20.110 ug/ml
10) T Anthracene (C19.43)	11.244	2372957	20.021 ug/ml
12) T Fluoranthene (C21.85)	12.992	2480655	19.964 ug/ml
13) T Pyrene (C20.8)	13.291	2464060	19.928 ug/ml
14) T Benzo[a]anthracene (C...	15.172	2310636	19.635 ug/ml
15) T Chrysene (C27.41)	15.213	2359544	19.585 ug/ml
16) T benzo[b]fluoranthene ...	16.730	2385428	19.586 ug/ml
17) T Bnezo[k]fluoranthene ...	16.762	2395873	19.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	2256149	19.209 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.478	1949613	17.143 ug/ml
20) T Dibenz[a,h]anthracene...	18.520	2187410	16.733 ug/ml
21) T Benzo[g,h,i]perylene ...	18.735	2291505	18.081 ug/ml

(f)=RT Delta > 1/2 Window

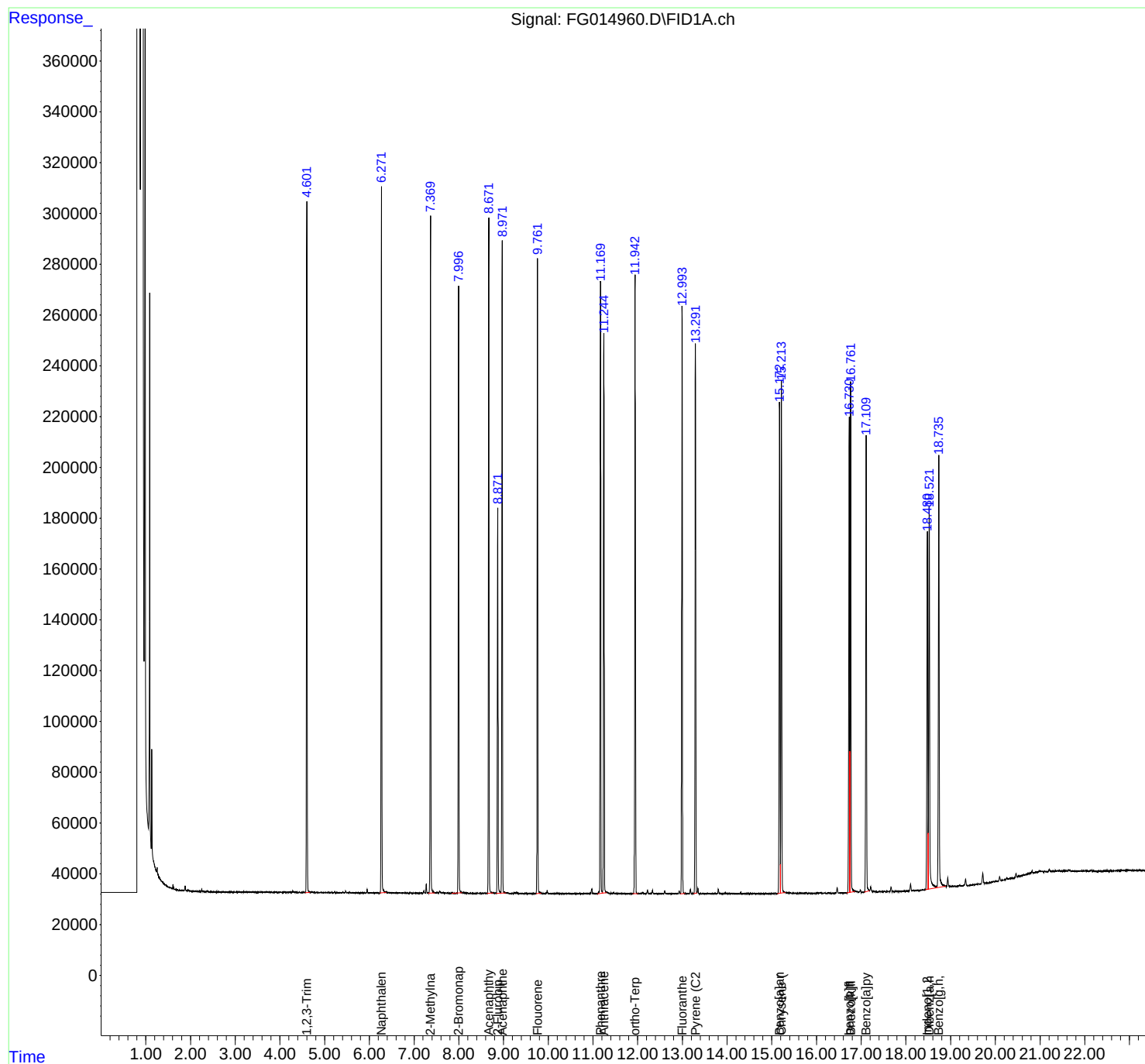
(m)=manual int.

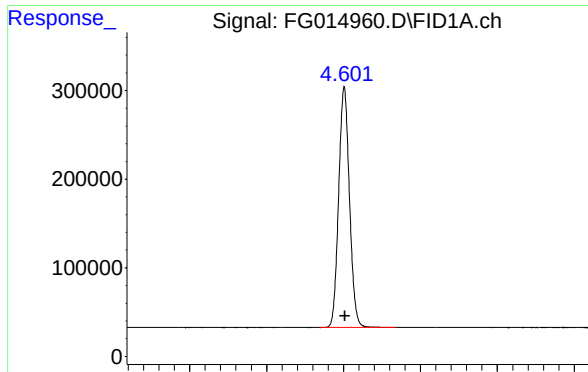
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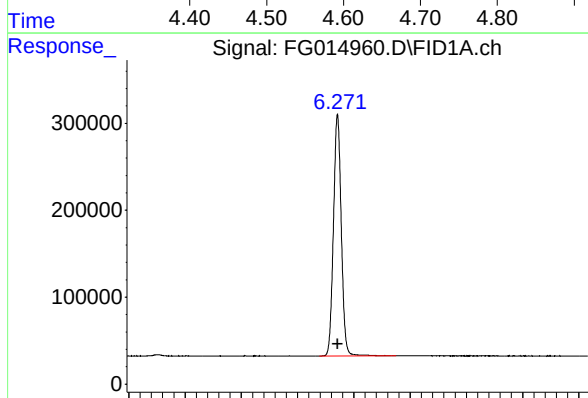




#1 1,2,3-Trimethylbenzene (C10.1)

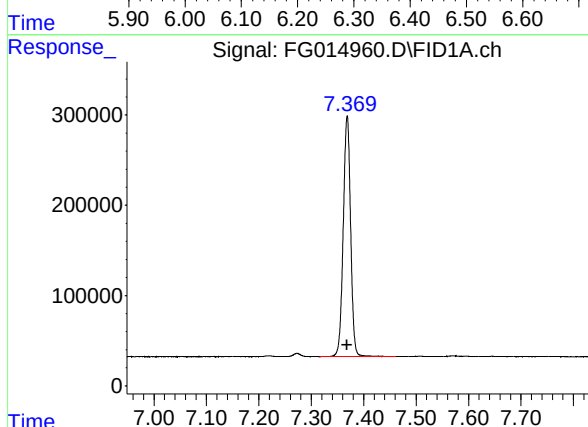
R.T.: 4.601 min
Delta R.T.: -0.001 min
Response: 2649870
Conc: 20.20 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



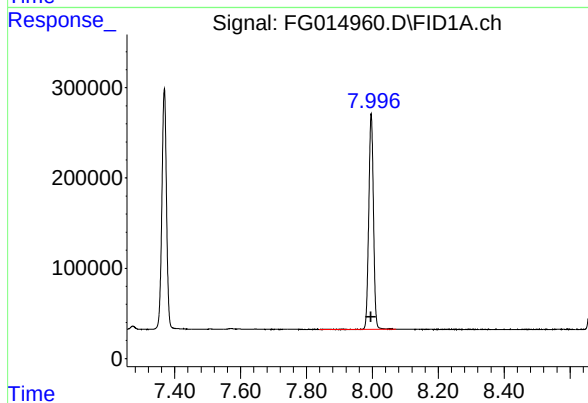
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 2686823
Conc: 20.22 ug/ml



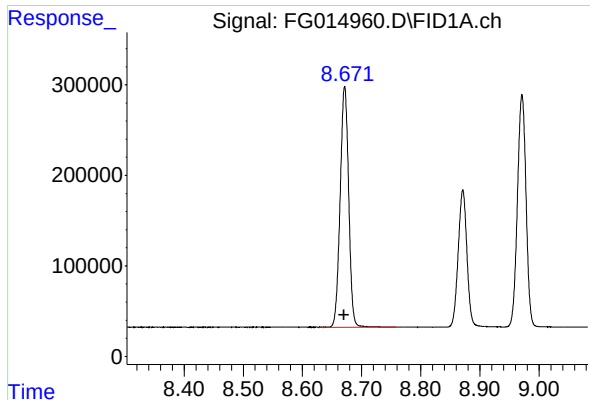
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 2602670
Conc: 20.24 ug/ml



#4 2-Bromonaphthalene (SURR)

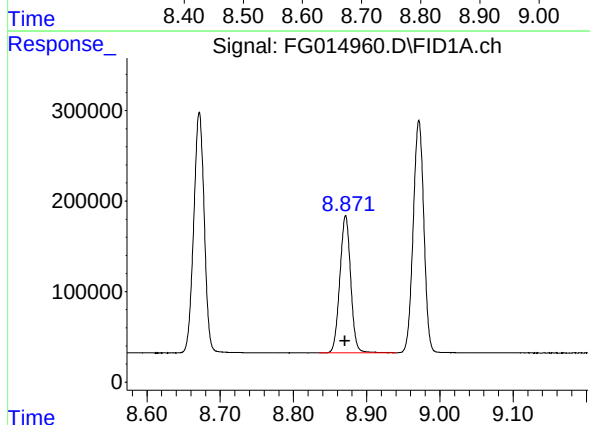
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 2357280
Conc: 20.19 ug/ml



#5 Acenaphthylene (C15.06)

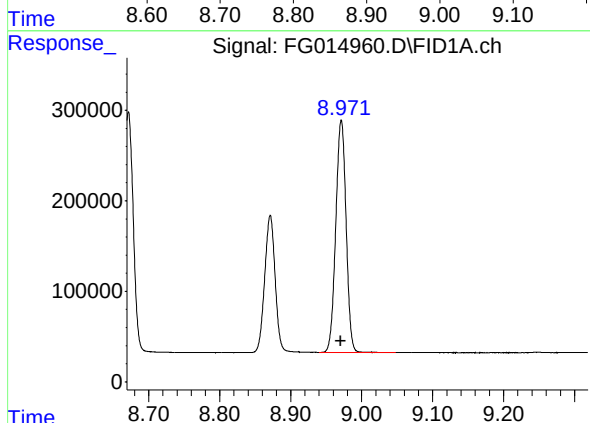
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 2657986
Conc: 20.22 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



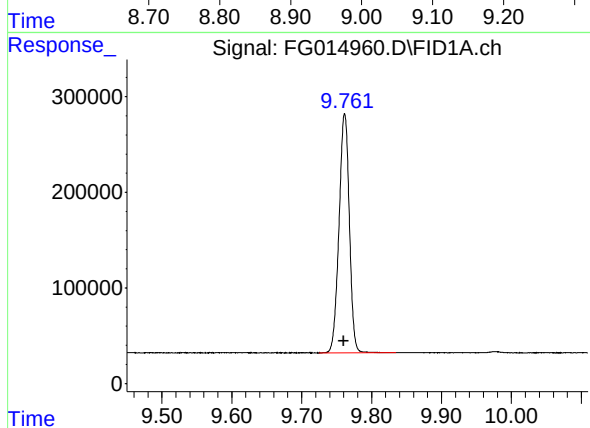
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 1562307
Conc: 20.25 ug/ml



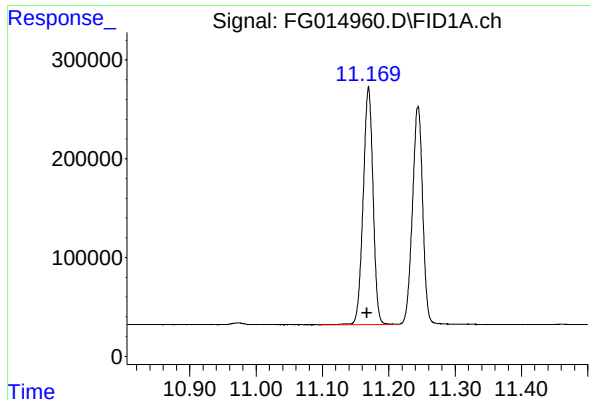
#7 Acenaphthene (C15.5)

R.T.: 8.971 min
Delta R.T.: 0.001 min
Response: 2597858
Conc: 20.23 ug/ml



#8 Fluorene (C16.55)

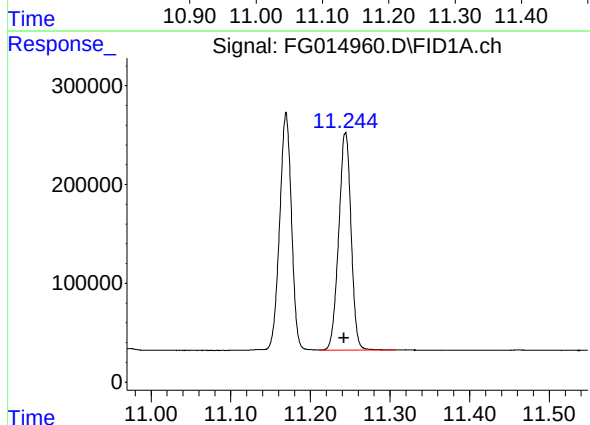
R.T.: 9.761 min
Delta R.T.: 0.001 min
Response: 2561795
Conc: 20.13 ug/ml



#9 Phenanthrene (C19.36)

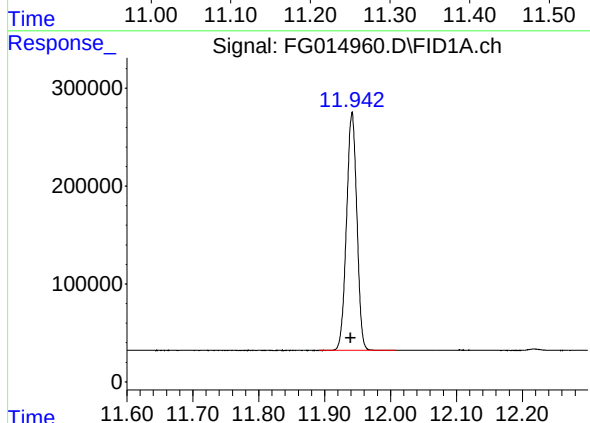
R.T.: 11.169 min
Delta R.T.: 0.002 min
Response: 2489670
Conc: 20.11 ug/ml

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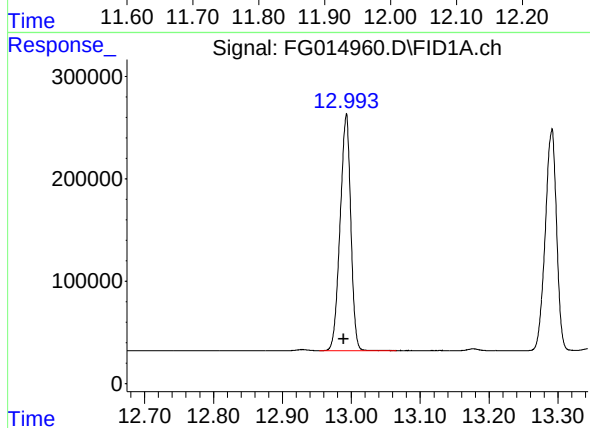
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: 0.002 min
Response: 2372957
Conc: 20.02 ug/ml



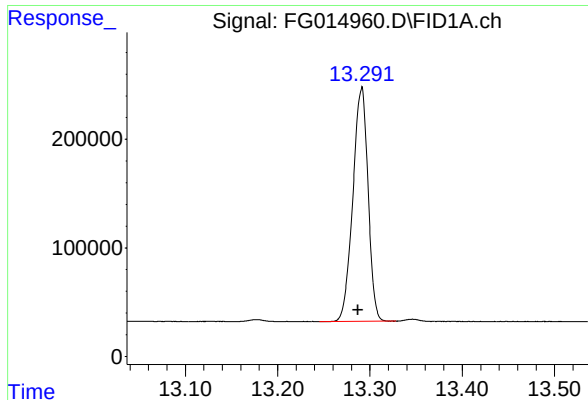
#11 ortho-Terphenyl (SURRE)

R.T.: 11.942 min
Delta R.T.: 0.002 min
Response: 2650974
Conc: 20.11 ug/ml



#12 Fluoranthene (C21.85)

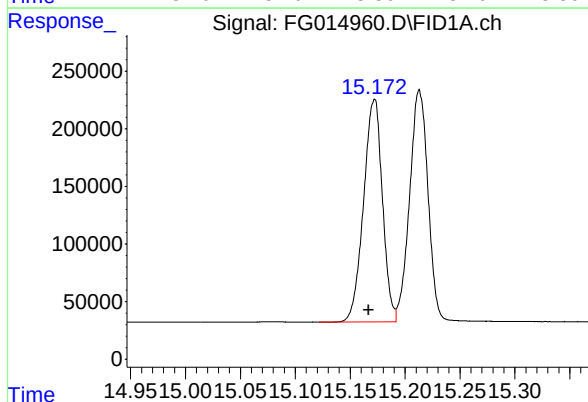
R.T.: 12.992 min
Delta R.T.: 0.003 min
Response: 2480655
Conc: 19.96 ug/ml



#13 Pyrene (C20.8)

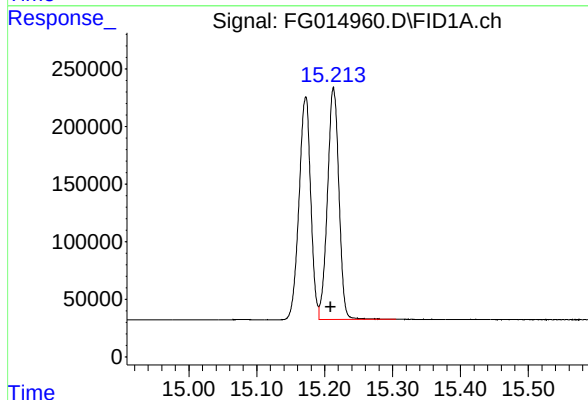
R.T.: 13.291 min
Delta R.T.: 0.003 min
Response: 2464060
Conc: 19.93 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



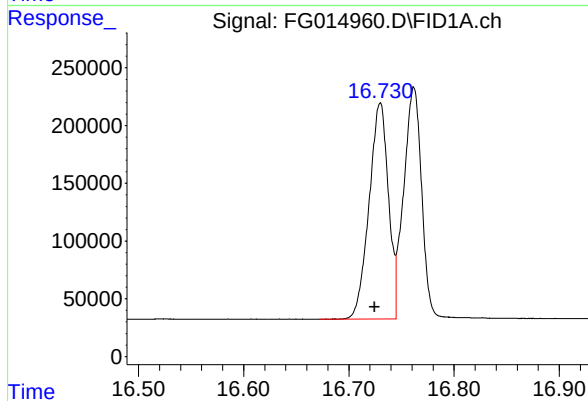
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.172 min
Delta R.T.: 0.005 min
Response: 2310636
Conc: 19.63 ug/ml



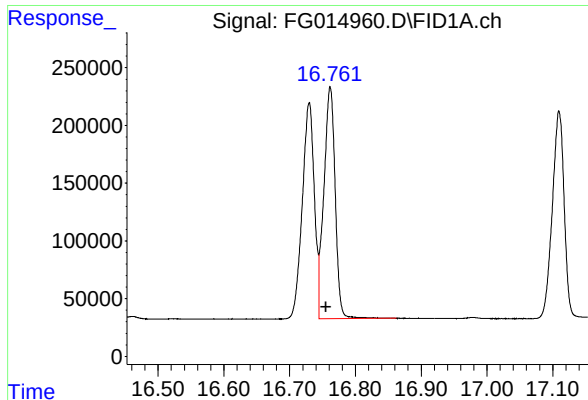
#15 Chrysene (C27.41)

R.T.: 15.213 min
Delta R.T.: 0.004 min
Response: 2359544
Conc: 19.58 ug/ml



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

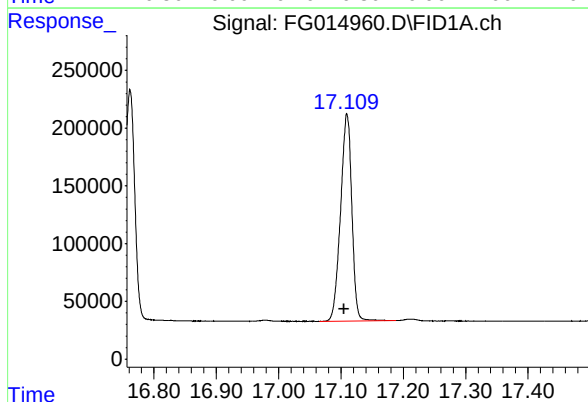
R.T.: 16.730 min
Delta R.T.: 0.005 min
Response: 2385428
Conc: 19.59 ug/ml



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

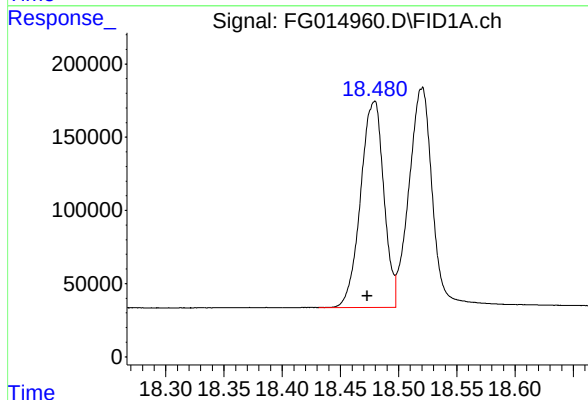
R.T.: 16.762 min
Delta R.T.: 0.006 min
Response: 2395873
Conc: 19.39 ug/ml

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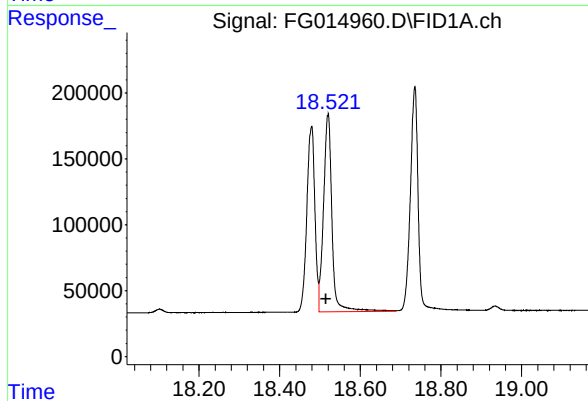
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.110 min
Delta R.T.: 0.005 min
Response: 2256149
Conc: 19.21 ug/ml



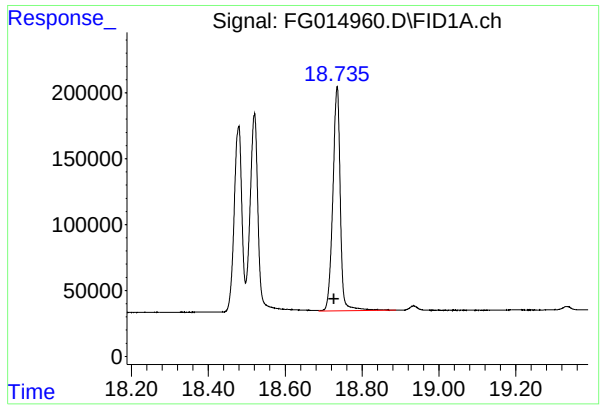
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.478 min
Delta R.T.: 0.005 min
Response: 1949613
Conc: 17.14 ug/ml



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

R.T.: 18.520 min
Delta R.T.: 0.004 min
Response: 2187410
Conc: 16.73 ug/ml



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

R.T.: 18.735 min
Delta R.T.: 0.008 min
Response: 2291505
Conc: 18.08 ug/ml

Instrument :

FID_G

ClientSampleId :

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