

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080824AR\
 Data File : FG014089.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2024 02:49
 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: Aug 08 06:24:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 17:31:37 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...	7.891	2321701	20.695 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
6) S 2-Fluorobiphenyl (SURR)	8.763	1536292	20.457 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.91%
11) S ortho-Terphenyl (SURR)	11.832	2695629	20.378 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	2608020	20.186 ug/ml
2) T Naphthalene (C11.7)	6.163	2731299	20.537 ug/ml
3) T 2-Methylnaphthalene (...)	7.261	2690151	20.334 ug/ml
5) T Acenaphthylene (C15.06)	8.562	2698843	20.393 ug/ml
7) T Acenaphthene (C15.5)	8.862	2743186	20.281 ug/ml
8) T Fluorene (C16.55)	9.652	2634085	20.492 ug/ml
9) T Phenanthrene (C19.36)	11.059	2538768	20.368 ug/ml
10) T Anthracene (C19.43)	11.134	2517294	20.014 ug/ml
12) T Fluoranthene (C21.85)	12.881	2604659	20.412 ug/ml
13) T Pyrene (C20.8)	13.178	2616190	20.572 ug/ml
14) T Benzo[a]anthracene (C...	15.061	2312209	19.843 ug/ml
15) T Chrysene (C27.41)	15.103	2694963	19.761 ug/ml
16) T benzo[b]fluoranthene ...	16.622	2423903	19.607 ug/ml
17) T Bnezo[k]fluoranthene ...	16.653	2606313	19.497 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.003	2373363	18.819 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.375	1553127	15.170 ug/ml
20) T Dibenz[a,h]anthracene...	18.416	2345596	15.370 ug/ml
21) T Benzo[g,h,i]perylene ...	18.629	2171412	15.642 ug/ml

(f)=RT Delta > 1/2 Window

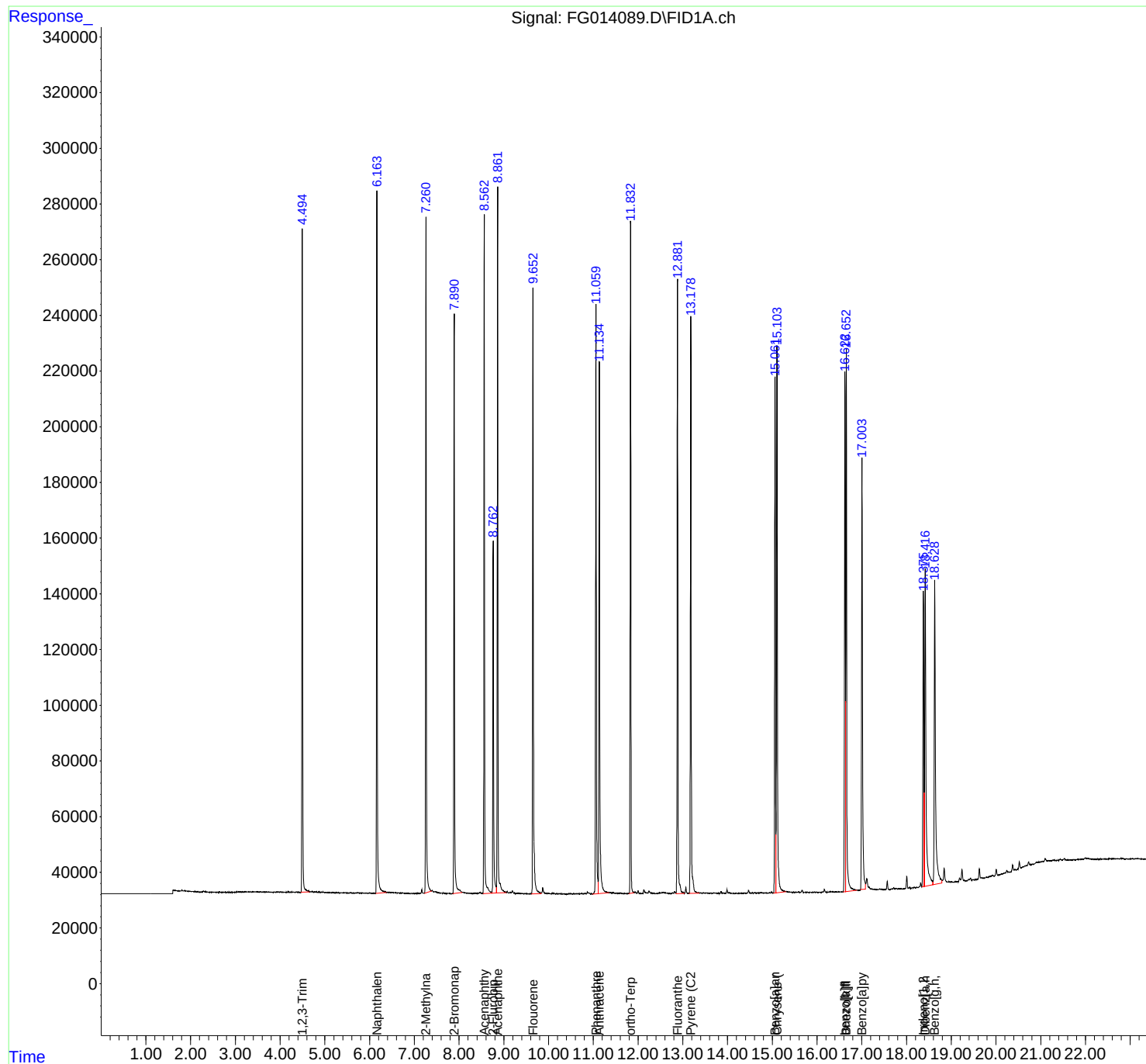
(m)=manual int.

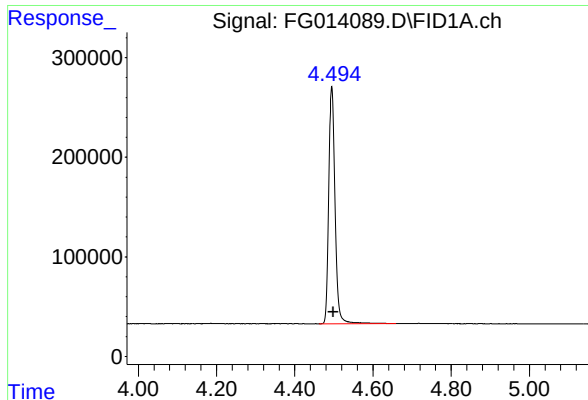
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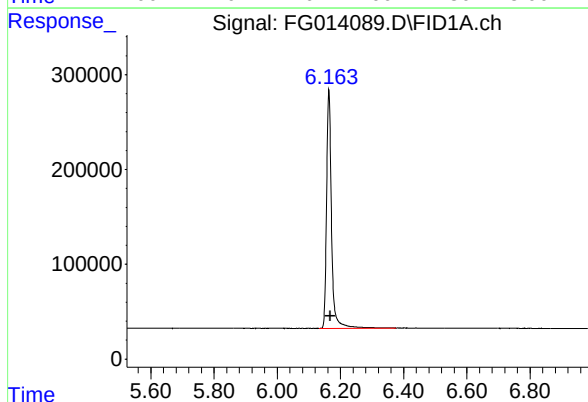




#1 1,2,3-Trimethylbenzene (C10.1)

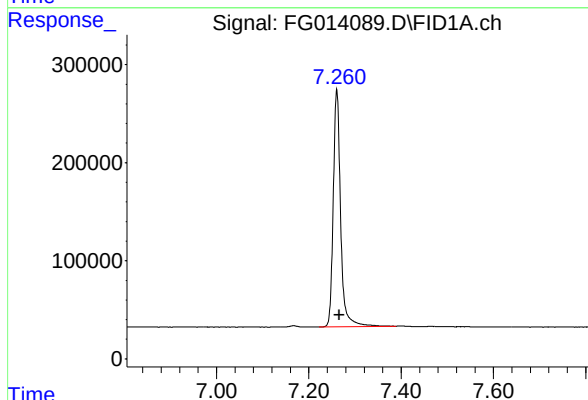
R.T.: 4.495 min
Delta R.T.: -0.004 min
Response: 2608020
Conc: 20.19 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



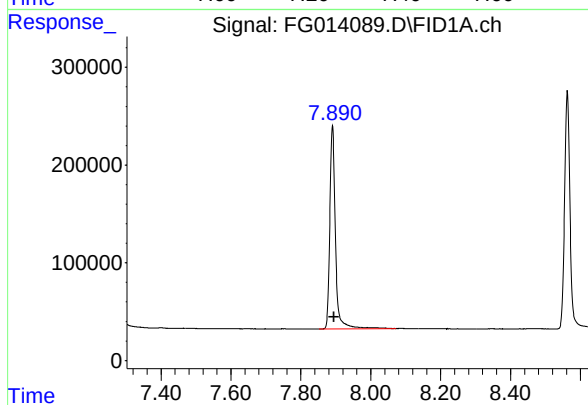
#2 Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.005 min
Response: 2731299
Conc: 20.54 ug/ml



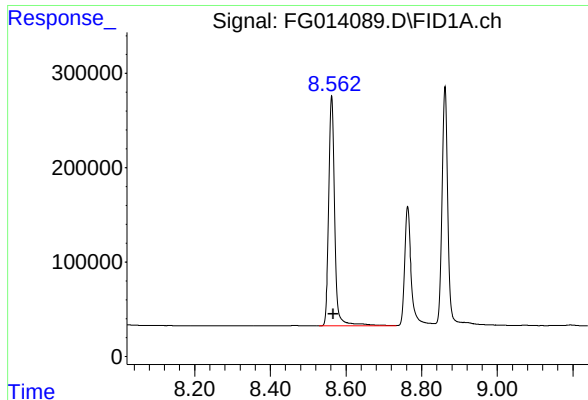
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.005 min
Response: 2690151
Conc: 20.33 ug/ml



#4 2-Bromonaphthalene (SURR)

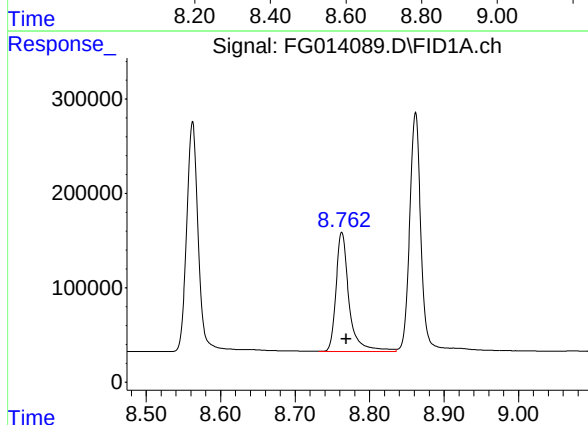
R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 2321701
Conc: 20.69 ug/ml



#5 Acenaphthylene (C15.06)

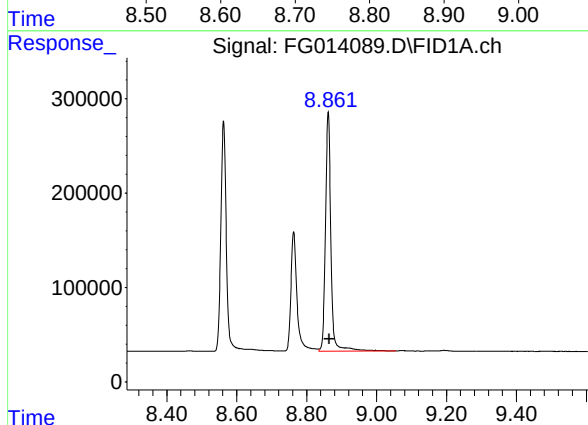
R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 2698843
Conc: 20.39 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



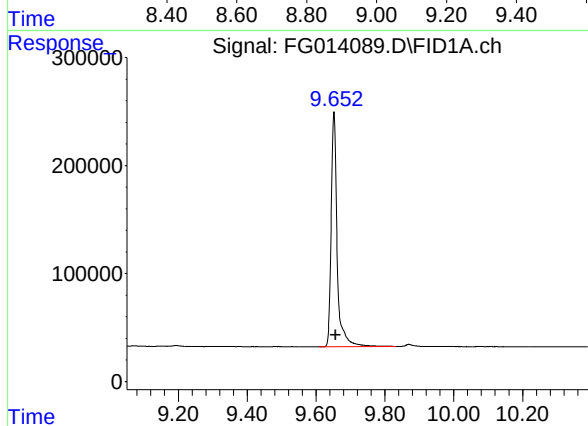
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.763 min
Delta R.T.: -0.006 min
Response: 1536292
Conc: 20.46 ug/ml



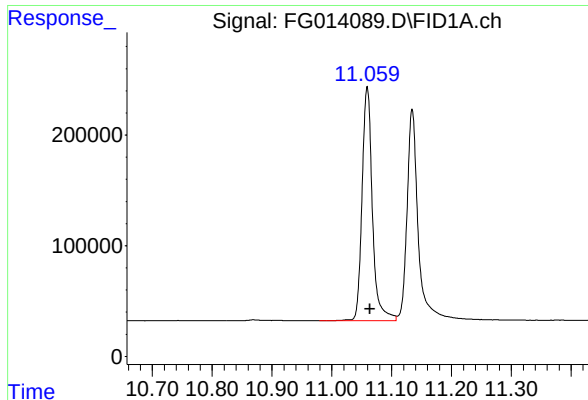
#7 Acenaphthene (C15.5)

R.T.: 8.862 min
Delta R.T.: -0.003 min
Response: 2743186
Conc: 20.28 ug/ml



#8 Flouorene (C16.55)

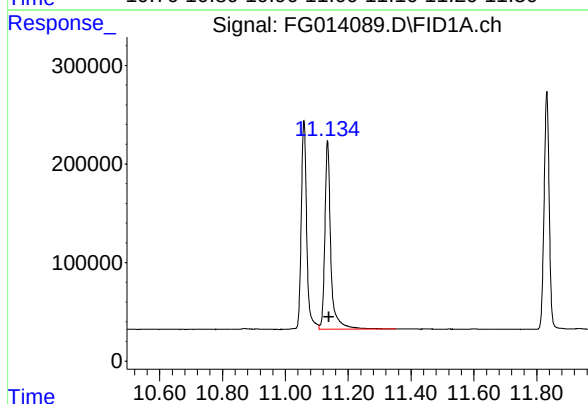
R.T.: 9.652 min
Delta R.T.: -0.005 min
Response: 2634085
Conc: 20.49 ug/ml



#9 Phenanthrene (C19.36)

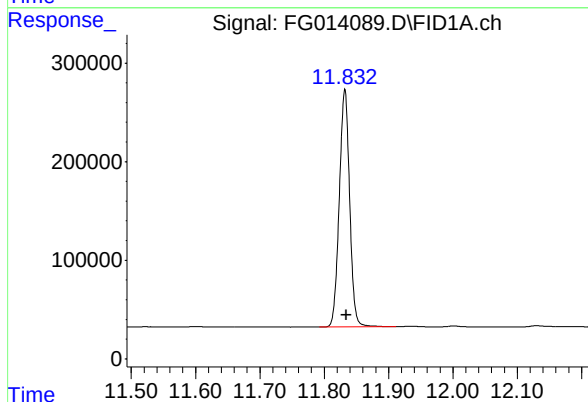
R.T.: 11.059 min
Delta R.T.: -0.005 min
Response: 2538768
Conc: 20.37 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



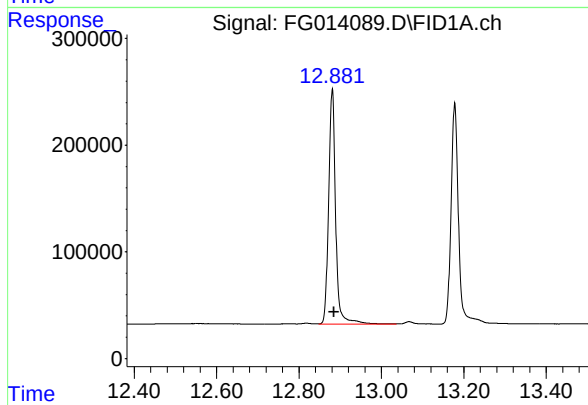
#10 Anthracene (C19.43)

R.T.: 11.134 min
Delta R.T.: -0.005 min
Response: 2517294
Conc: 20.01 ug/ml



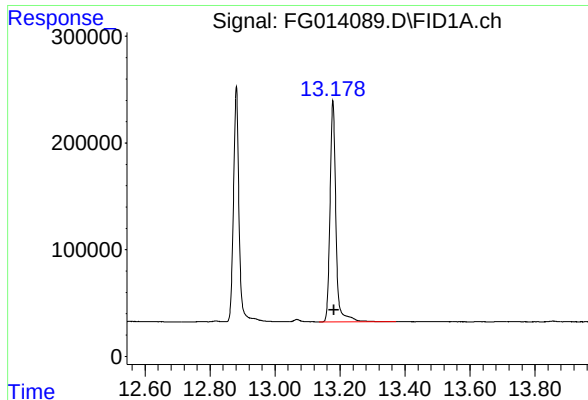
#11 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.003 min
Response: 2695629
Conc: 20.38 ug/ml



#12 Fluoranthene (C21.85)

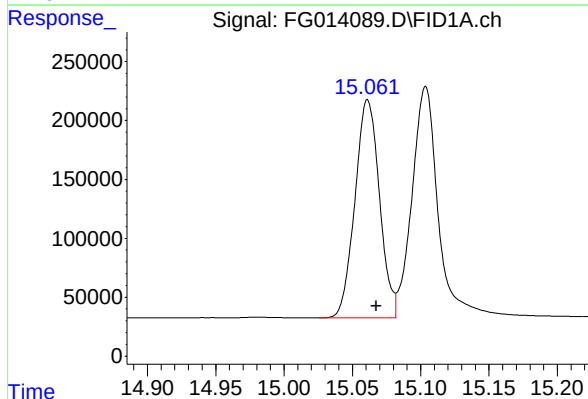
R.T.: 12.881 min
Delta R.T.: -0.005 min
Response: 2604659
Conc: 20.41 ug/ml



#13 Pyrene (C20.8)

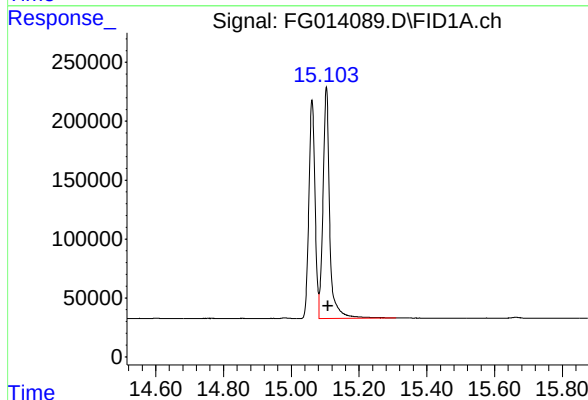
R.T.: 13.178 min
Delta R.T.: -0.004 min
Response: 2616190
Conc: 20.57 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



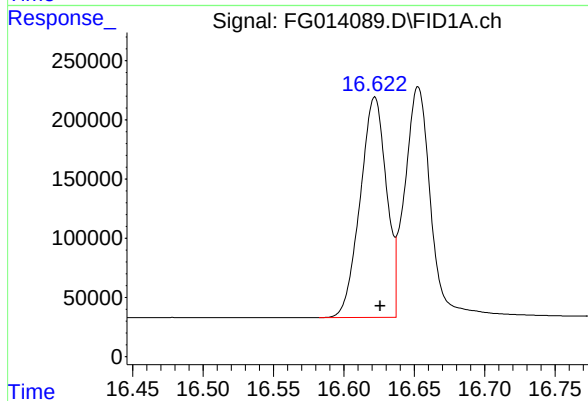
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.061 min
Delta R.T.: -0.006 min
Response: 2312209
Conc: 19.84 ug/ml



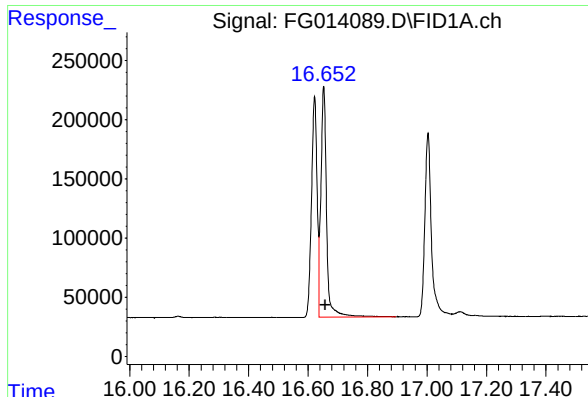
#15 Chrysene (C27.41)

R.T.: 15.103 min
Delta R.T.: -0.005 min
Response: 2694963
Conc: 19.76 ug/ml



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

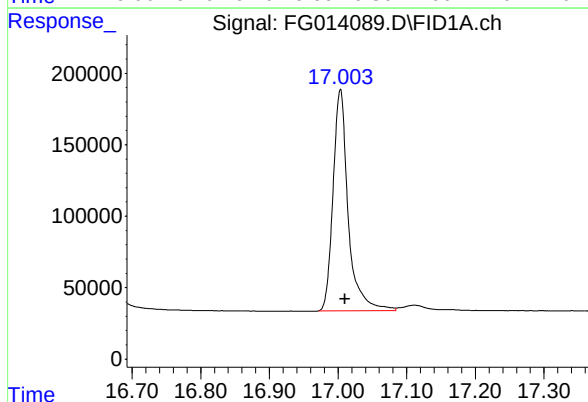
R.T.: 16.622 min
Delta R.T.: -0.004 min
Response: 2423903
Conc: 19.61 ug/ml



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

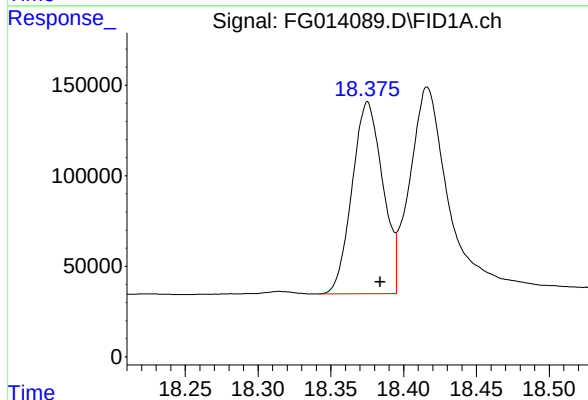
R.T.: 16.653 min
Delta R.T.: -0.005 min
Response: 2606313
Conc: 19.50 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



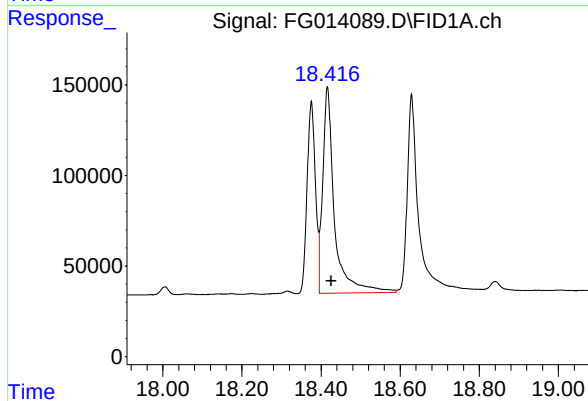
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.003 min
Delta R.T.: -0.007 min
Response: 2373363
Conc: 18.82 ug/ml



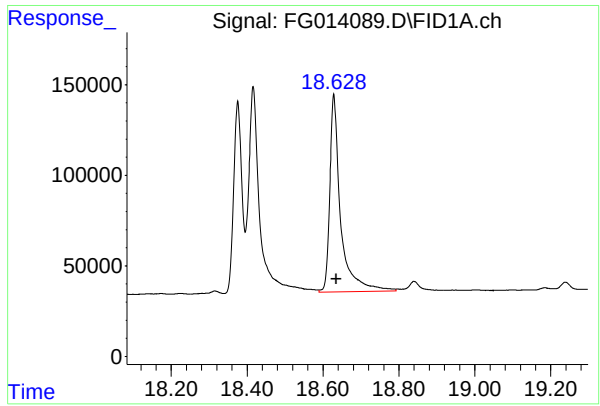
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.375 min
Delta R.T.: -0.009 min
Response: 1553127
Conc: 15.17 ug/ml



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

R.T.: 18.416 min
Delta R.T.: -0.010 min
Response: 2345596
Conc: 15.37 ug/ml



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

R.T.: 18.629 min
Delta R.T.: -0.007 min
Response: 2171412
Conc: 15.64 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD