

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
 Data File : FG014217.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 12:52
 Operator : YP\AJ
 Sample : P3964-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 04:49:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 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...	7.880	5626060	50.287 ug/ml
Spiked Amount 50.000		Recovery =	100.57%
6) S 2-Fluorobiphenyl (SURR)	8.754	3525522	48.423 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.85%
11) S ortho-Terphenyl (SURR)	11.822	3338653	24.768 ug/ml
Spiked Amount 50.000		Recovery =	49.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	11960838	92.908 ug/ml
2) T Naphthalene (C11.7)	6.154	10034695	79.550 ug/ml
3) T 2-Methylnaphthalene (...)	7.251	5722487	44.929 ug/ml
5) T Acenaphthylene (C15.06)	8.533	750726	5.776 ug/ml
7) T Acenaphthene (C15.5)	8.850	248437	1.794 ug/ml
8) T Flouorene (C16.55)	9.646	511226	3.944 ug/ml
9) T Phenanthrene (C19.36)	11.051	1009194	8.350 ug/ml
10) T Anthracene (C19.43)	11.128	335453	2.418 ug/ml
12) T Fluoranthene (C21.85)	12.874	718339	5.541 ug/ml
13) T Pyrene (C20.8)	13.172	471589	3.612 ug/ml
14) T Benzo[a]anthracene (C...	15.100	311701	2.740 ug/ml
15) T Chrysene (C27.41)	15.100	311701	2.205 ug/ml
16) T benzo[b]fluoranthene ...	16.624	248394	2.167 ug/ml
17) T Bnezo[k]fluoranthene ...	16.624	248394	1.847 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.005	2159	0.017 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.420	63315	0.641 ug/ml
20) T Dibenz[a,h]anthracene...	18.420	63315	0.430 ug/ml
21) T Benzo[g,h,i]perylene ...	18.638	80676	0.617 ug/ml

(f)=RT Delta > 1/2 Window

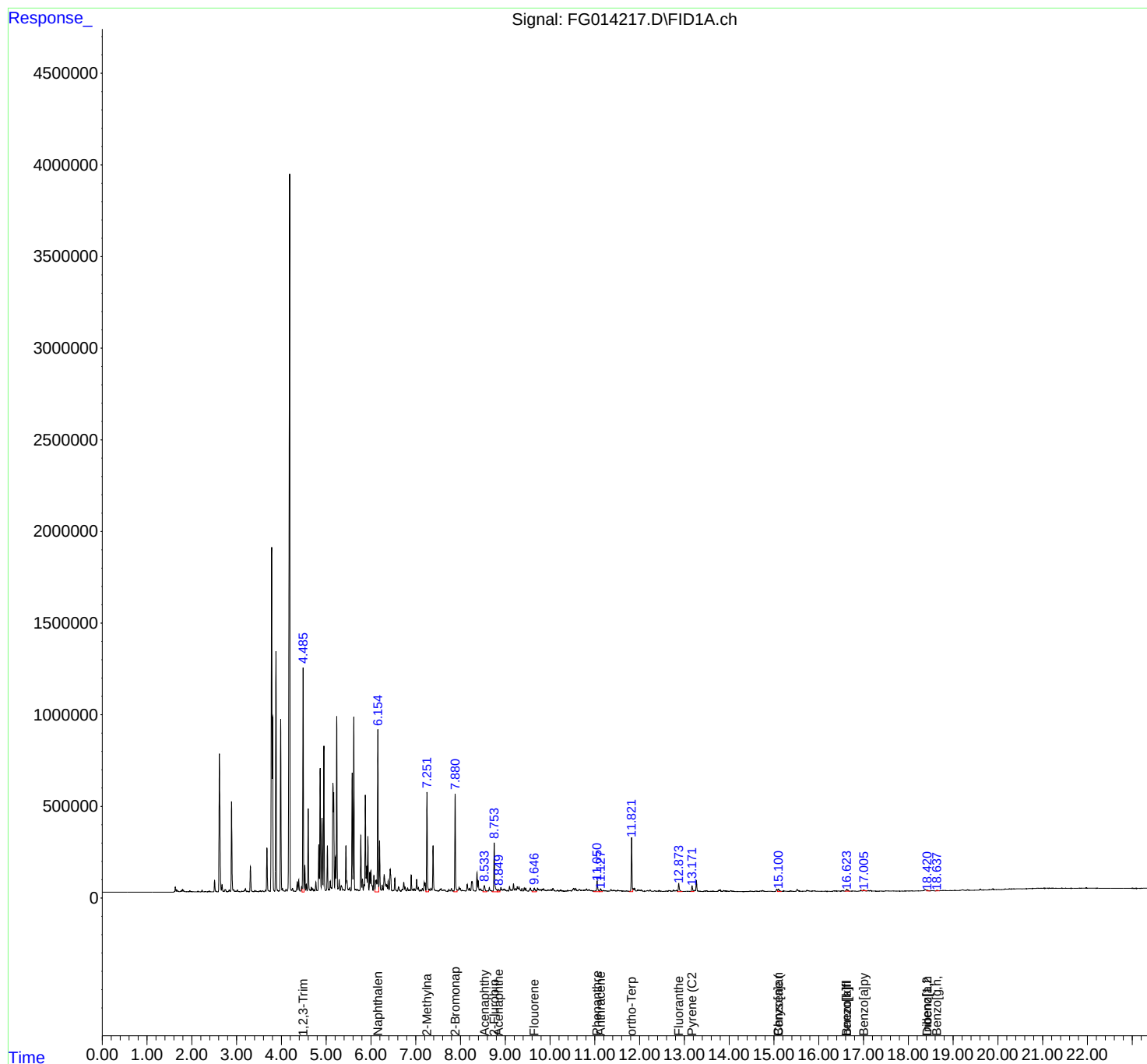
(m)=manual int.

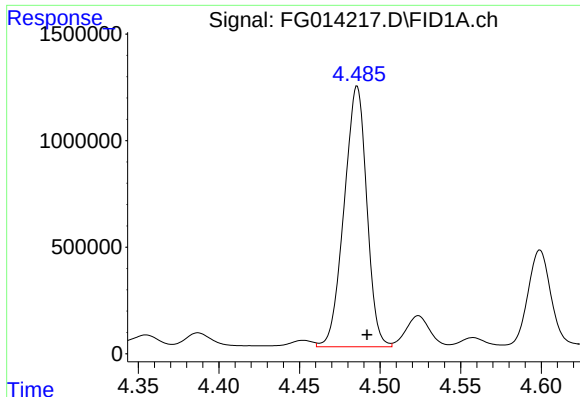
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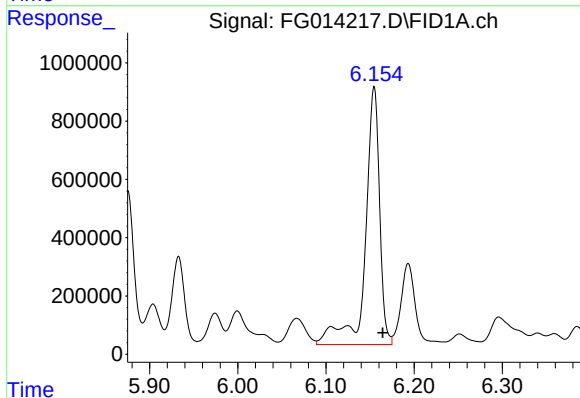




#1 1,2,3-Trimethylbenzene (C10.1)

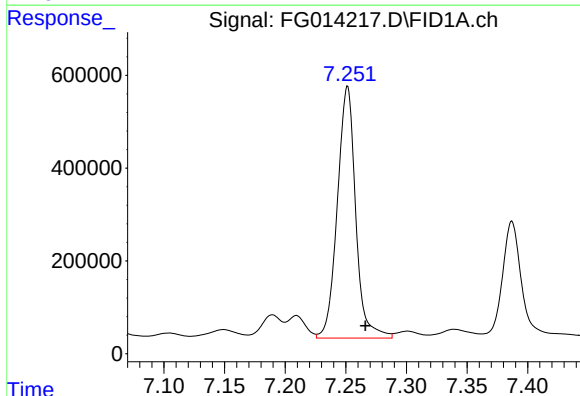
R.T.: 4.486 min
Delta R.T.: -0.006 min
Response: 11960838
Conc: 92.91 ug/ml

Instrument :
FID_G
ClientSampleId :



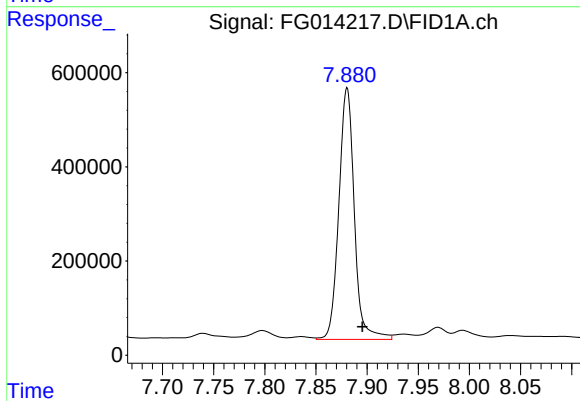
#2 Naphthalene (C11.7)

R.T.: 6.154 min
Delta R.T.: -0.010 min
Response: 10034695
Conc: 79.55 ug/ml



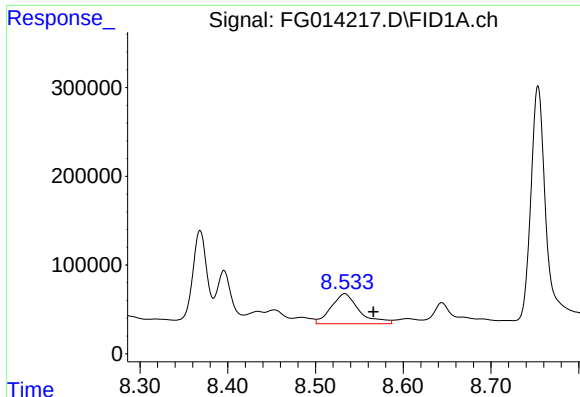
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: -0.015 min
Response: 5722487
Conc: 44.93 ug/ml



#4 2-Bromonaphthalene (SURR)

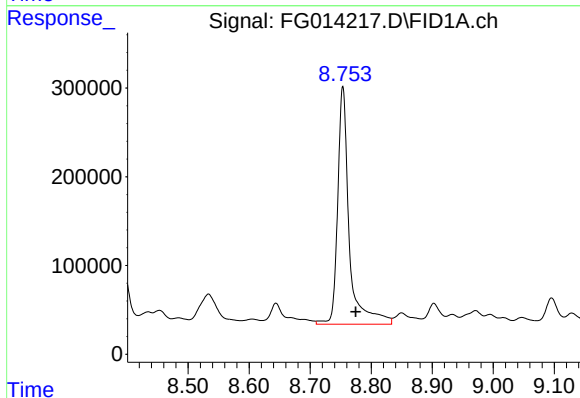
R.T.: 7.880 min
Delta R.T.: -0.015 min
Response: 5626060
Conc: 50.29 ug/ml



#5 Acenaphthylene (C15.06)

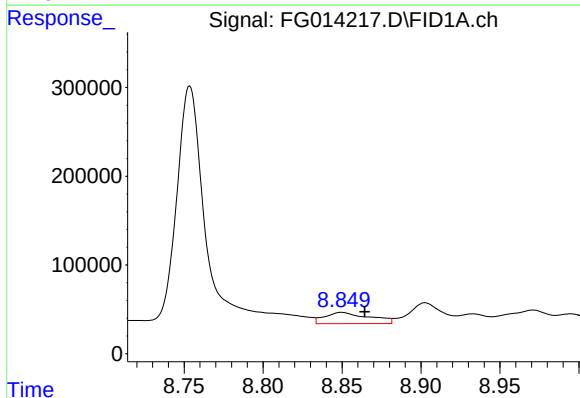
R.T.: 8.533 min
Delta R.T.: -0.033 min
Response: 750726
Conc: 5.78 ug/ml

Instrument :
FID_G
ClientSampleId :



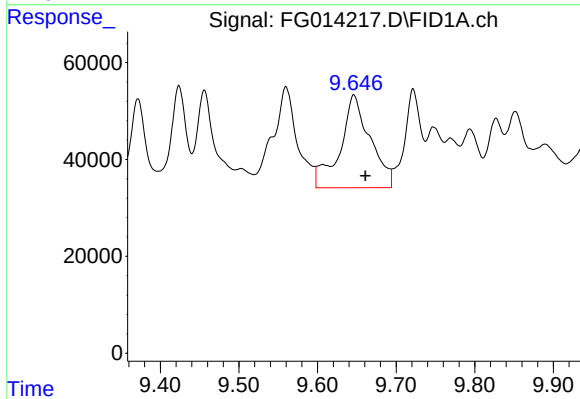
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.754 min
Delta R.T.: -0.021 min
Response: 3525522
Conc: 48.42 ug/ml



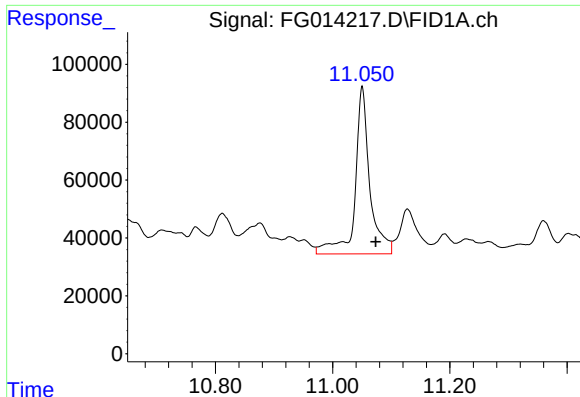
#7 Acenaphthene (C15.5)

R.T.: 8.850 min
Delta R.T.: -0.014 min
Response: 248437
Conc: 1.79 ug/ml



#8 Flouorene (C16.55)

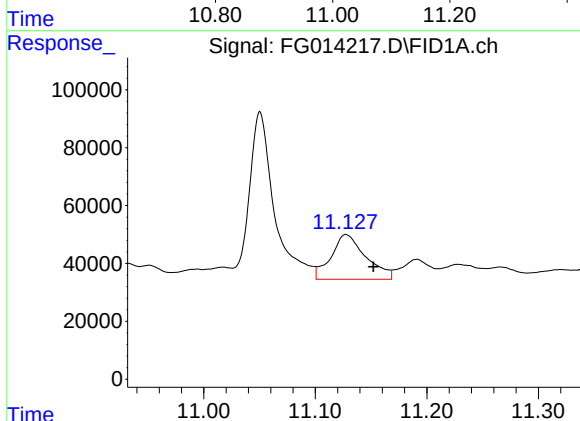
R.T.: 9.646 min
Delta R.T.: -0.015 min
Response: 511226
Conc: 3.94 ug/ml



#9 Phenanthrene (C19.36)

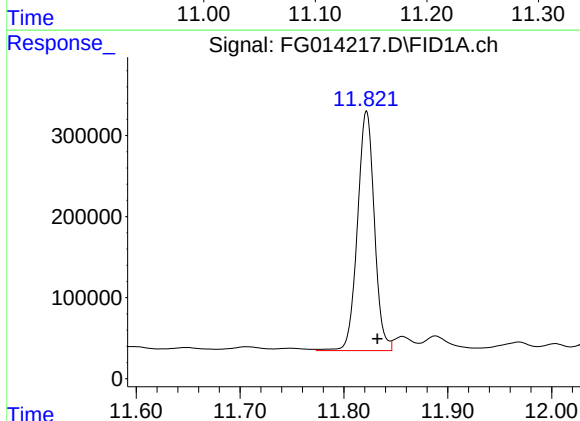
R.T.: 11.051 min
Delta R.T.: -0.023 min
Response: 1009194
Conc: 8.35 ug/ml

Instrument :
FID_G
ClientSampleId :



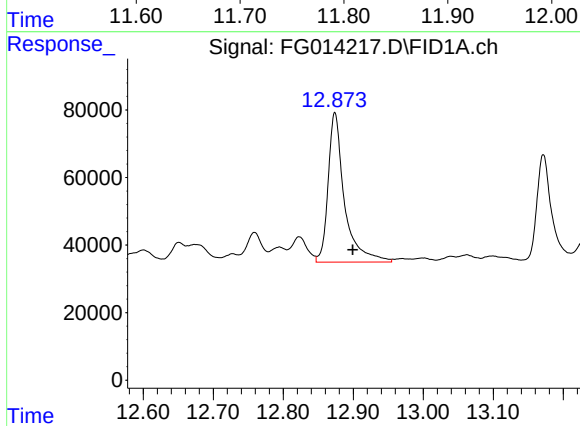
#10 Anthracene (C19.43)

R.T.: 11.128 min
Delta R.T.: -0.024 min
Response: 335453
Conc: 2.42 ug/ml



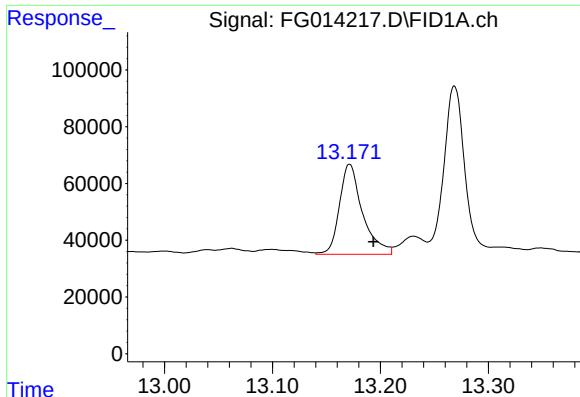
#11 ortho-Terphenyl (SURR)

R.T.: 11.822 min
Delta R.T.: -0.010 min
Response: 3338653
Conc: 24.77 ug/ml



#12 Fluoranthene (C21.85)

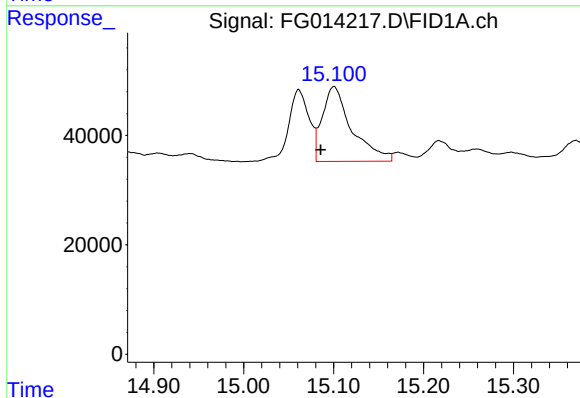
R.T.: 12.874 min
Delta R.T.: -0.025 min
Response: 718339
Conc: 5.54 ug/ml



#13 Pyrene (C20.8)

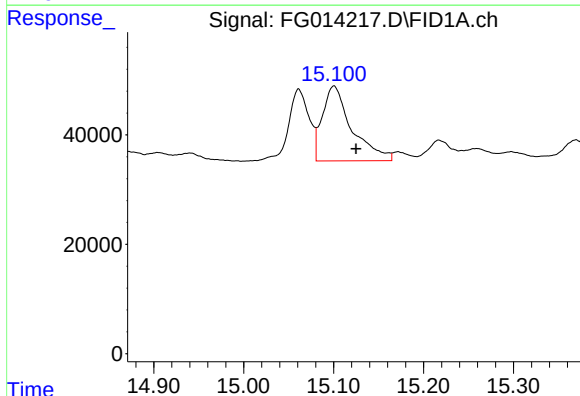
R.T.: 13.172 min
Delta R.T.: -0.022 min
Response: 471589
Conc: 3.61 ug/ml

Instrument :
FID_G
ClientSampleId :



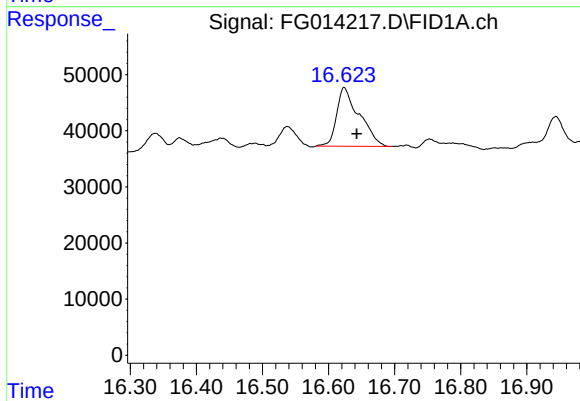
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.100 min
Delta R.T.: 0.015 min
Response: 311701
Conc: 2.74 ug/ml



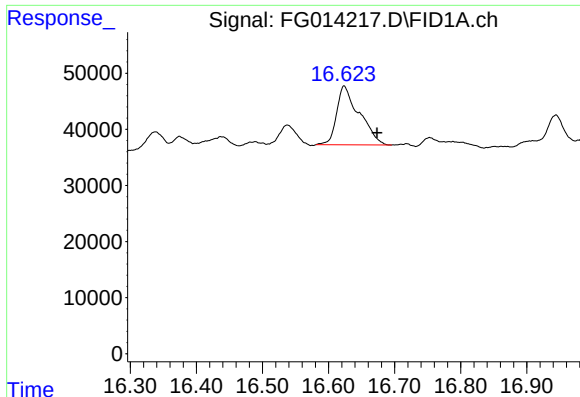
#15 Chrysene (C27.41)

R.T.: 15.100 min
Delta R.T.: -0.025 min
Response: 311701
Conc: 2.20 ug/ml



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

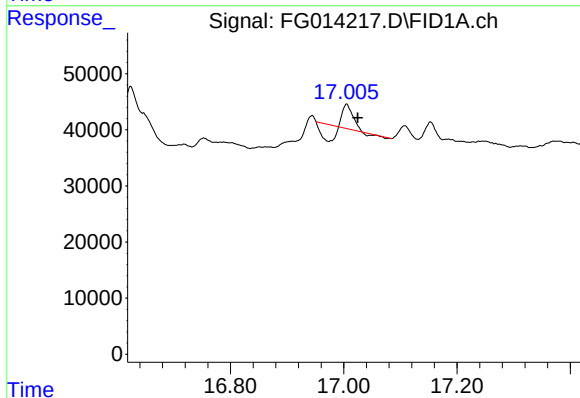
R.T.: 16.624 min
Delta R.T.: -0.018 min
Response: 248394
Conc: 2.17 ug/ml



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

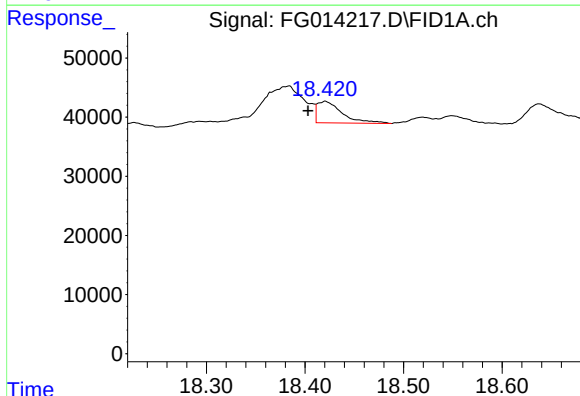
R.T.: 16.624 min
Delta R.T.: -0.049 min
Response: 248394
Conc: 1.85 ug/ml

Instrument :
FID_G
ClientSampleId :



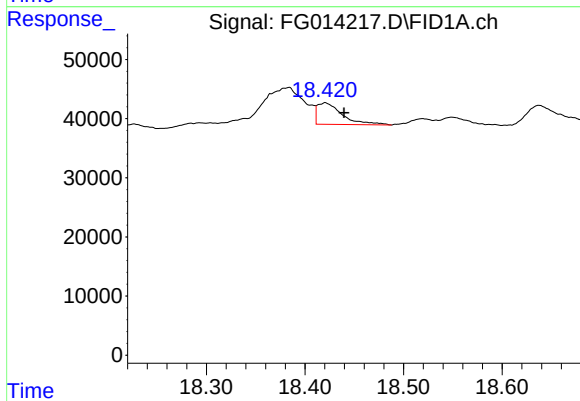
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.005 min
Delta R.T.: -0.020 min
Response: 2159
Conc: 0.02 ug/ml



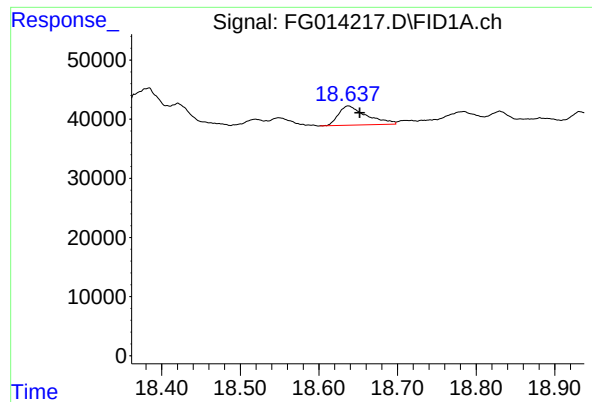
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.420 min
Delta R.T.: 0.017 min
Response: 63315
Conc: 0.64 ug/ml



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

R.T.: 18.420 min
Delta R.T.: -0.019 min
Response: 63315
Conc: 0.43 ug/ml



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

R.T.: 18.638 min
Delta R.T.: -0.014 min
Response: 80676
Conc: 0.62 ug/ml

Instrument :

FID_G

ClientSampleId :