

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
 Data File : FG014216.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 12:22
 Operator : YP\AJ
 Sample : P3964-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 04:49:38 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...	7.882	6194408	55.367 ug/ml
Spiked Amount 50.000		Recovery =	110.73%
6) S 2-Fluorobiphenyl (SURR)	8.755	4046243	55.575 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.15%
11) S ortho-Terphenyl (SURR)	11.823	3580853	26.565 ug/ml
Spiked Amount 50.000		Recovery =	53.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.484	8712316	67.675 ug/ml
2) T Naphthalene (C11.7)	6.157	12000749	95.135 ug/ml
3) T 2-Methylnaphthalene (...)	7.258	14975559	117.578 ug/ml
5) T Acenaphthylene (C15.06)	8.534	3154893	24.273 ug/ml
7) T Acenaphthene (C15.5)	8.851	904484	6.531 ug/ml
8) T Flouorene (C16.55)	9.646	2404837	18.553 ug/ml
9) T Phenanthrene (C19.36)	11.050	2138645	17.696 ug/ml
10) T Anthracene (C19.43)	11.126	1123346	8.097 ug/ml
12) T Fluoranthene (C21.85)	12.873	1165066	8.987 ug/ml
13) T Pyrene (C20.8)	13.171	678390	5.195 ug/ml
14) T Benzo[a]anthracene (C...	15.105	198642	1.746 ug/ml
15) T Chrysene (C27.41)	15.105	198642	1.405 ug/ml
16) T benzo[b]fluoranthene ...	16.631	179165	1.563 ug/ml
17) T Bnezo[k]fluoranthene ...	16.631	179165	1.332 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.013	23206	0.187 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.388	141524	1.432 ug/ml
20) T Dibenz[a,h]anthracene...	18.424	78294	0.532 ug/ml
21) T Benzo[g,h,i]perylene ...	18.643	62453	0.478 ug/ml

(f)=RT Delta > 1/2 Window

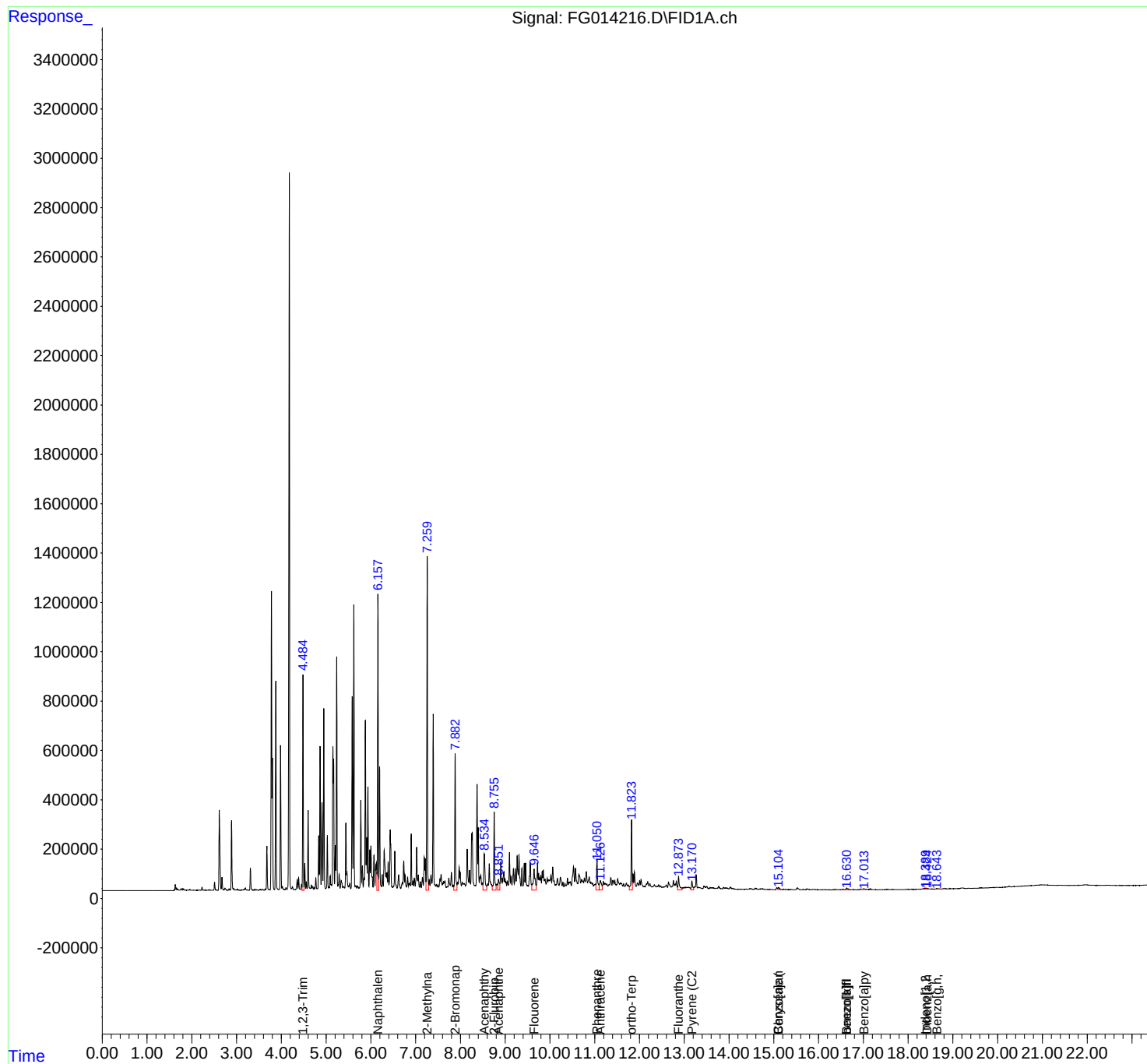
(m)=manual int.

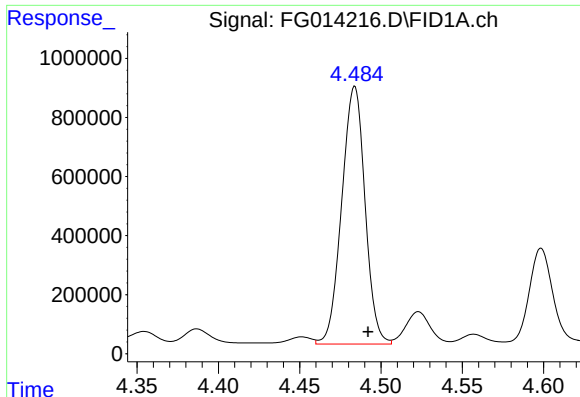
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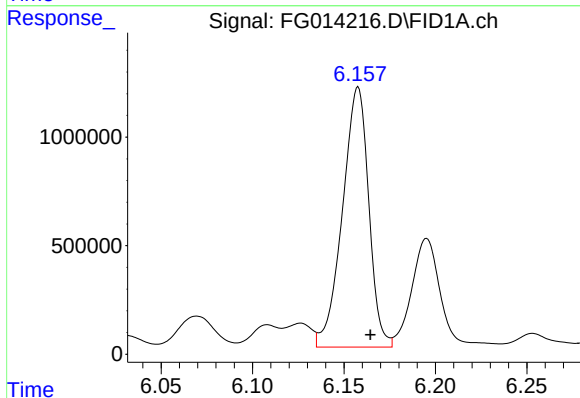




#1 1,2,3-Trimethylbenzene (C10.1)

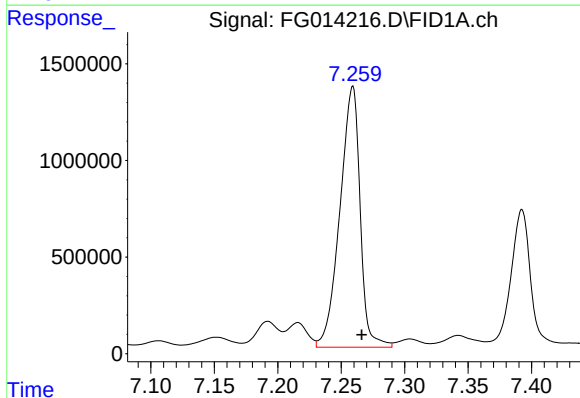
R.T.: 4.484 min
Delta R.T.: -0.008 min
Response: 8712316
Conc: 67.67 ug/ml

Instrument :
FID_G
ClientSampleId :



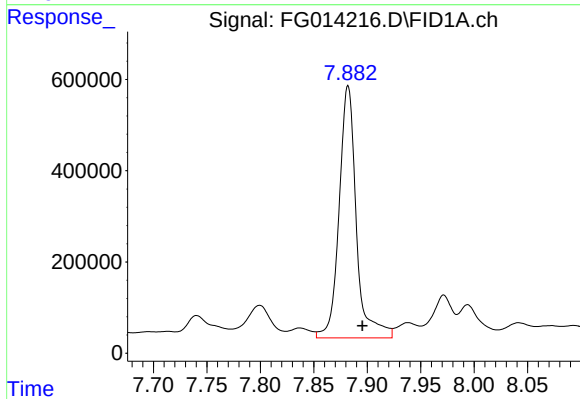
#2 Naphthalene (C11.7)

R.T.: 6.157 min
Delta R.T.: -0.007 min
Response: 12000749
Conc: 95.14 ug/ml



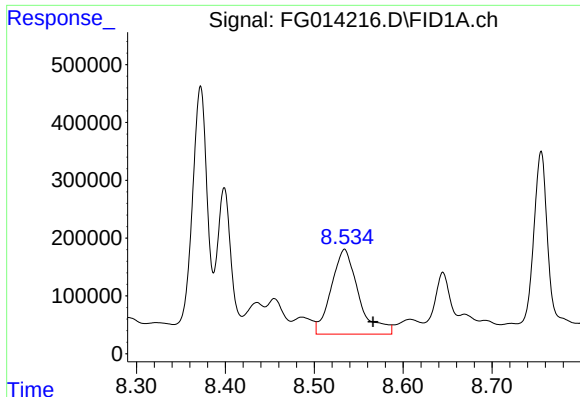
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: -0.008 min
Response: 14975559
Conc: 117.58 ug/ml



#4 2-Bromonaphthalene (SURR)

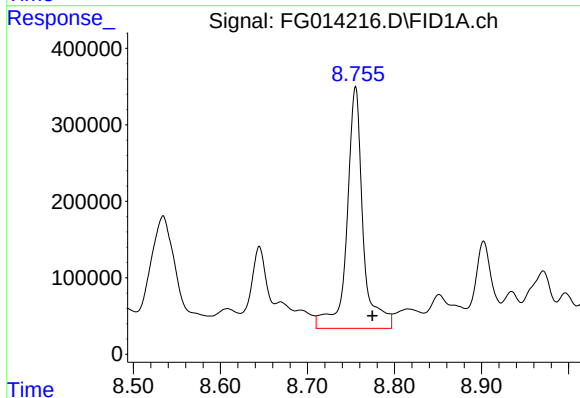
R.T.: 7.882 min
Delta R.T.: -0.013 min
Response: 6194408
Conc: 55.37 ug/ml



#5 Acenaphthylene (C15.06)

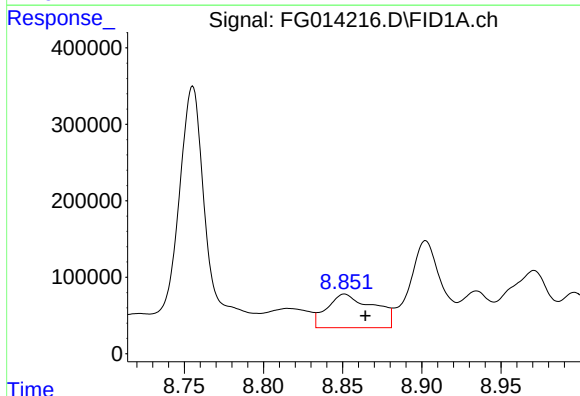
R.T.: 8.534 min
Delta R.T.: -0.032 min
Response: 3154893
Conc: 24.27 ug/ml

Instrument :
FID_G
ClientSampleId :



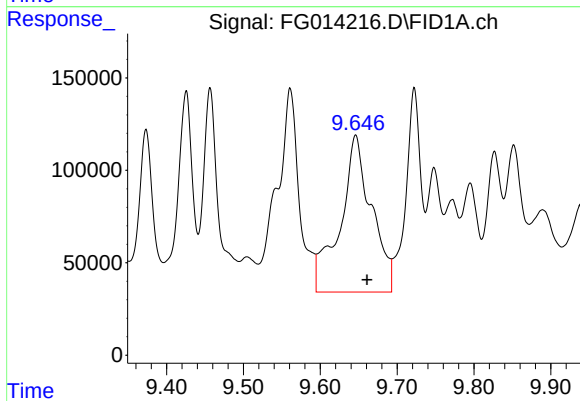
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.755 min
Delta R.T.: -0.020 min
Response: 4046243
Conc: 55.58 ug/ml



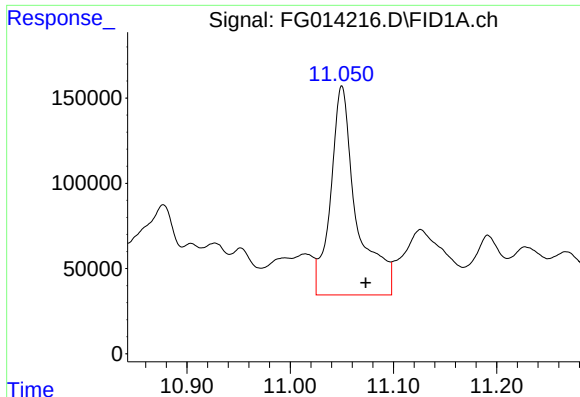
#7 Acenaphthene (C15.5)

R.T.: 8.851 min
Delta R.T.: -0.013 min
Response: 904484
Conc: 6.53 ug/ml



#8 Fluorene (C16.55)

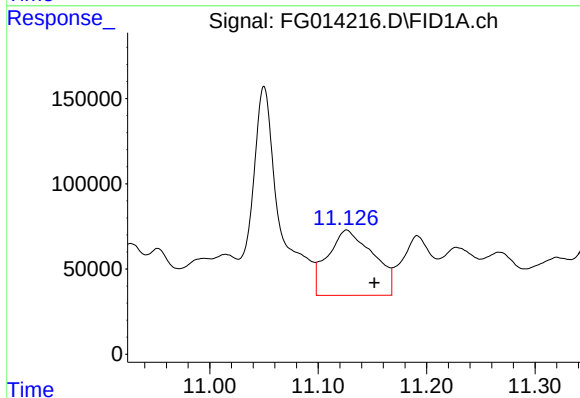
R.T.: 9.646 min
Delta R.T.: -0.015 min
Response: 2404837
Conc: 18.55 ug/ml



#9 Phenanthrene (C19.36)

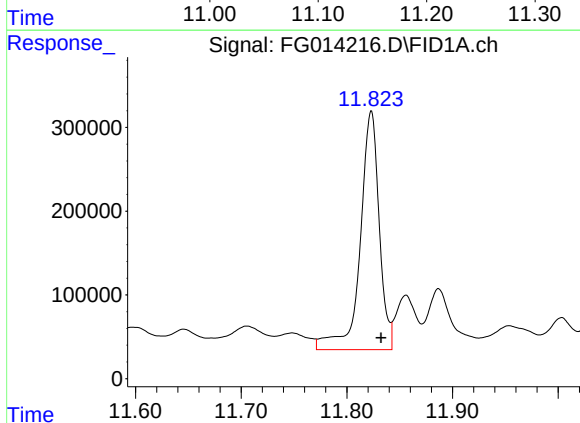
R.T.: 11.050 min
Delta R.T.: -0.023 min
Response: 2138645
Conc: 17.70 ug/ml

Instrument :
FID_G
ClientSampleId :



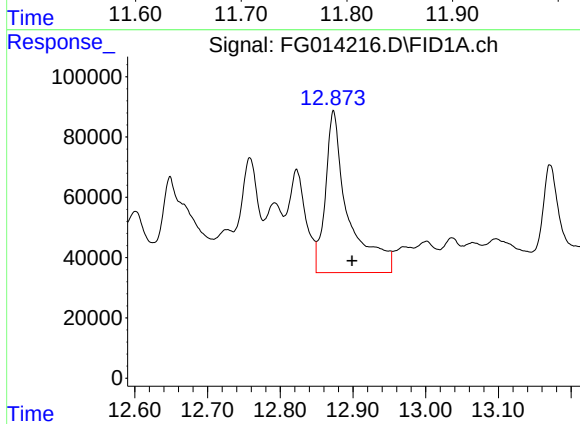
#10 Anthracene (C19.43)

R.T.: 11.126 min
Delta R.T.: -0.026 min
Response: 1123346
Conc: 8.10 ug/ml



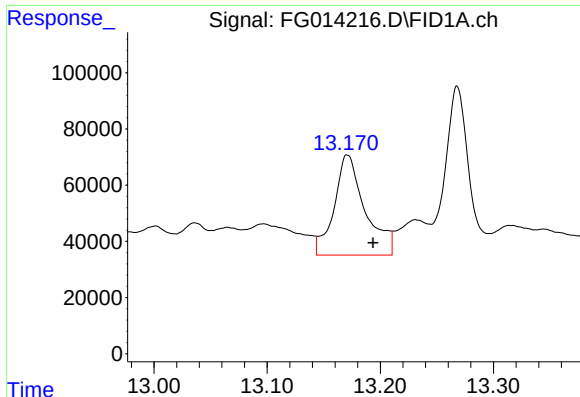
#11 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: -0.009 min
Response: 3580853
Conc: 26.56 ug/ml



#12 Fluoranthene (C21.85)

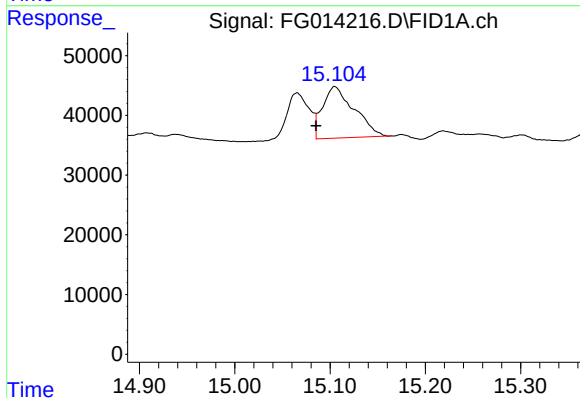
R.T.: 12.873 min
Delta R.T.: -0.026 min
Response: 1165066
Conc: 8.99 ug/ml



#13 Pyrene (C20.8)

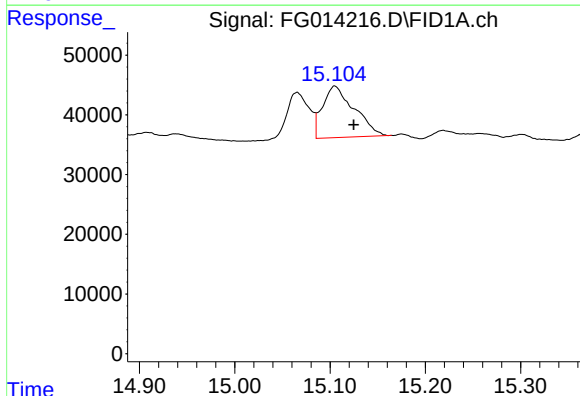
R.T.: 13.171 min
Delta R.T.: -0.022 min
Response: 678390
Conc: 5.20 ug/ml

Instrument :
FID_G
ClientSampleId :



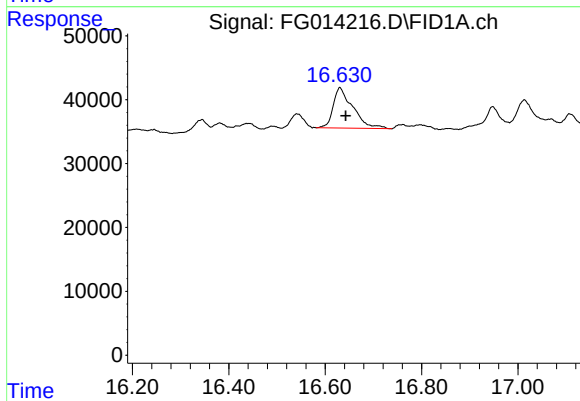
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.105 min
Delta R.T.: 0.020 min
Response: 198642
Conc: 1.75 ug/ml



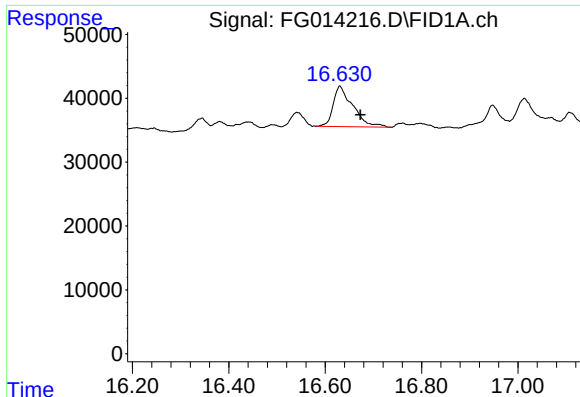
#15 Chrysene (C27.41)

R.T.: 15.105 min
Delta R.T.: -0.020 min
Response: 198642
Conc: 1.41 ug/ml



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

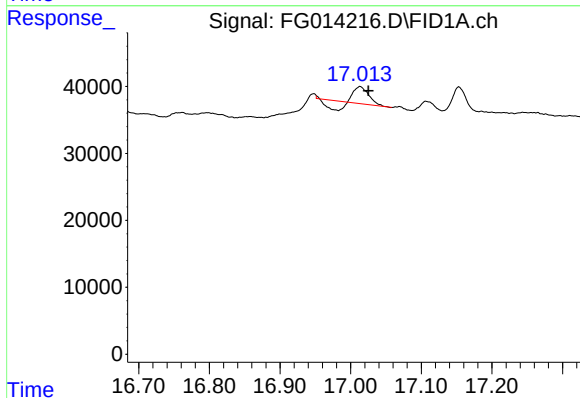
R.T.: 16.631 min
Delta R.T.: -0.012 min
Response: 179165
Conc: 1.56 ug/ml



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

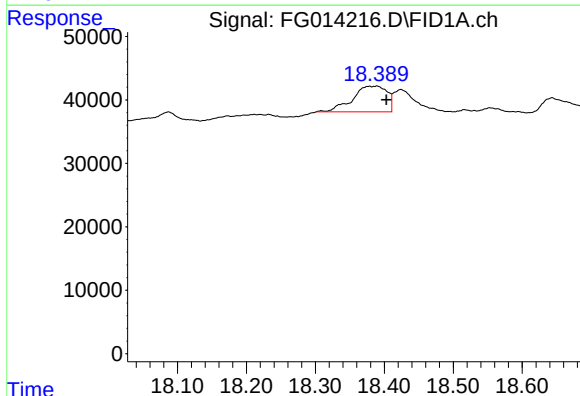
R.T.: 16.631 min
Delta R.T.: -0.042 min
Response: 179165
Conc: 1.33 ug/ml

Instrument :
FID_G
ClientSampleId :



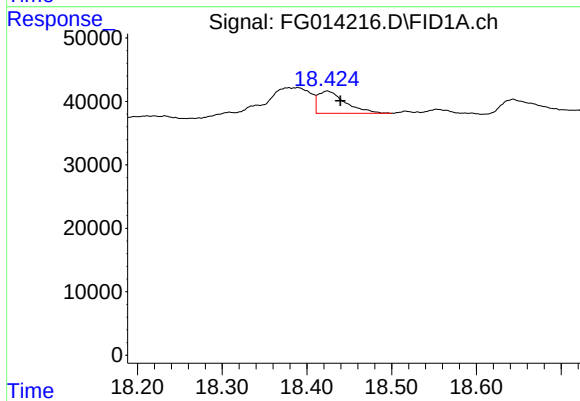
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.013 min
Delta R.T.: -0.012 min
Response: 23206
Conc: 0.19 ug/ml



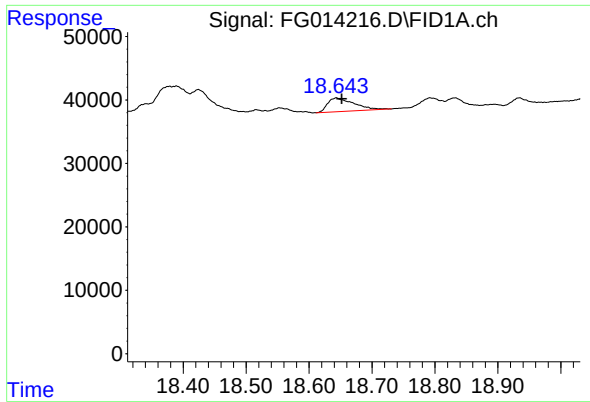
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.388 min
Delta R.T.: -0.016 min
Response: 141524
Conc: 1.43 ug/ml



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

R.T.: 18.424 min
Delta R.T.: -0.015 min
Response: 78294
Conc: 0.53 ug/ml



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

R.T.: 18.643 min
Delta R.T.: -0.009 min
Response: 62453
Conc: 0.48 ug/ml

Instrument :
FID_G
ClientSampleId :