

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080724AR\
 Data File : FG014079.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2024 10:31
 Operator : YP\AJ
 Sample : P3390-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 04:42:31 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...	7.894	5489559	48.932 ug/ml
Spiked Amount 50.000		Recovery =	97.86%
6) S 2-Fluorobiphenyl (SURR)	8.767	3543472	47.185 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.37%
11) S ortho-Terphenyl (SURR)	11.836	5623565	42.511 ug/ml
Spiked Amount 50.000		Recovery =	85.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	219461	1.699 ug/ml
2) T Naphthalene (C11.7)	6.167	231461	1.740 ug/ml
3) T 2-Methylnaphthalene (...)	7.265	243225	1.838 ug/ml
5) T Acenaphthylene (C15.06)	8.565	262462	1.983 ug/ml
7) T Acenaphthene (C15.5)	8.863	327126	2.419 ug/ml
8) T Flouorene (C16.55)	9.657	238947	1.859 ug/ml
9) T Phenanthrene (C19.36)	11.064	213853	1.716 ug/ml
10) T Anthracene (C19.43)	11.140	216687	1.723 ug/ml
12) T Fluoranthene (C21.85)	12.887	256840	2.013 ug/ml
13) T Pyrene (C20.8)	13.184	254892	2.004 ug/ml
14) T Benzo[a]anthracene (C...	15.071	191482	1.643 ug/ml
15) T Chrysene (C27.41)	15.112	336531	2.468 ug/ml
16) T benzo[b]fluoranthene ...	16.630	189032	1.529 ug/ml
17) T Bnezo[k]fluoranthene ...	16.661	291369	2.180 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.015	210744	1.671 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.390	147146	1.437 ug/ml
20) T Dibenz[a,h]anthracene...	18.430	300462	1.969 ug/ml
21) T Benzo[g,h,i]perylene ...	18.640	216016	1.556 ug/ml

(f)=RT Delta > 1/2 Window

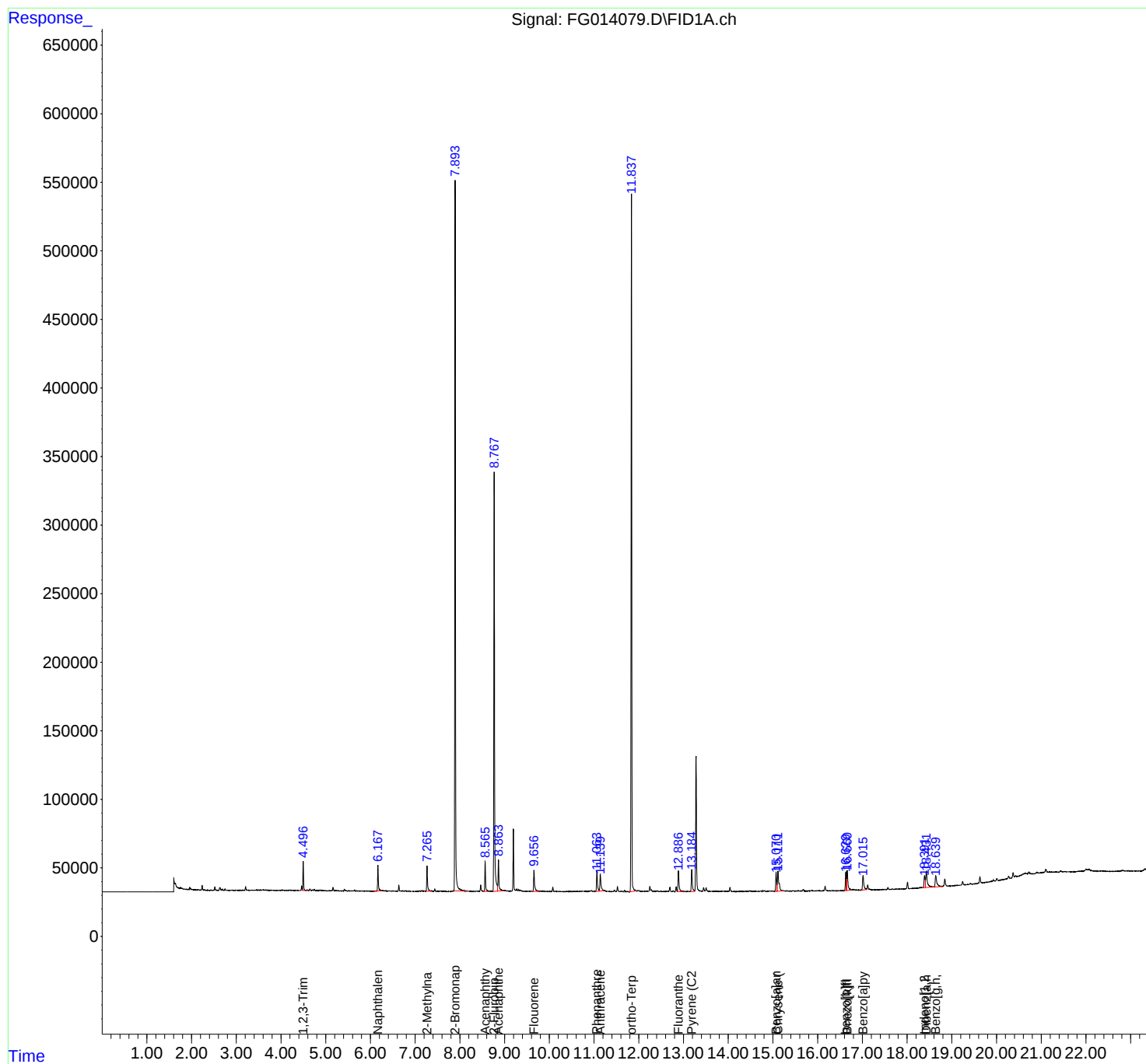
(m)=manual int.

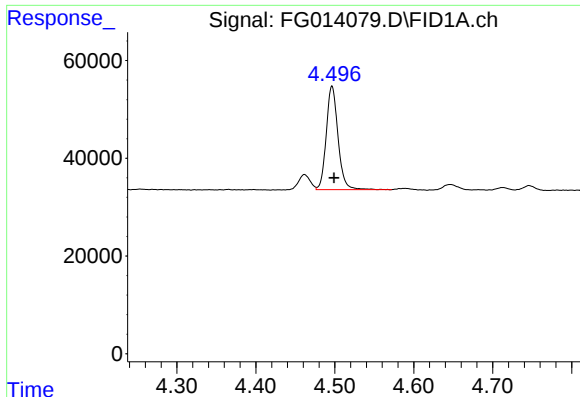
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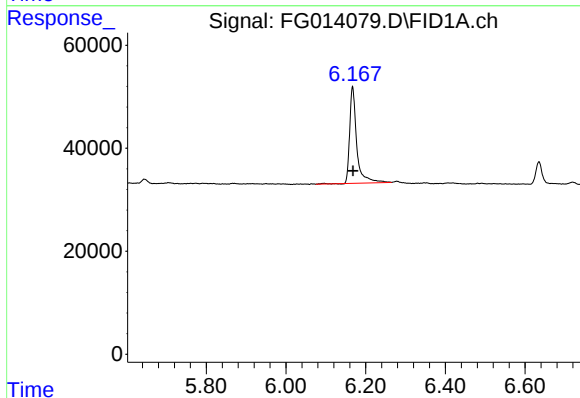




#1 1,2,3-Trimethylbenzene (C10.1)

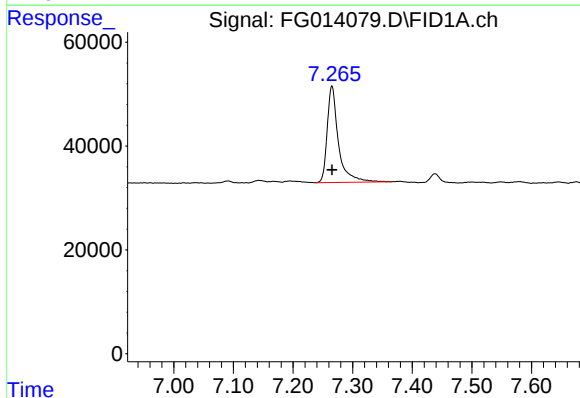
R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 219461
Conc: 1.70 ug/ml

Instrument :
FID_G
ClientSampleId :



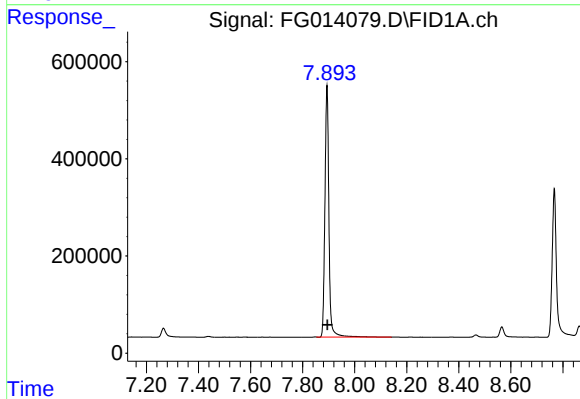
#2 Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 231461
Conc: 1.74 ug/ml



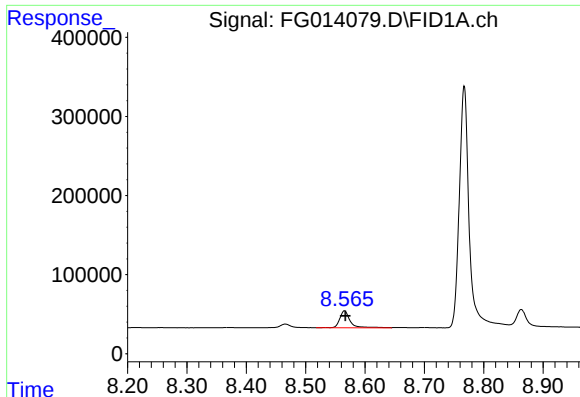
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 243225
Conc: 1.84 ug/ml



#4 2-Bromonaphthalene (SURR)

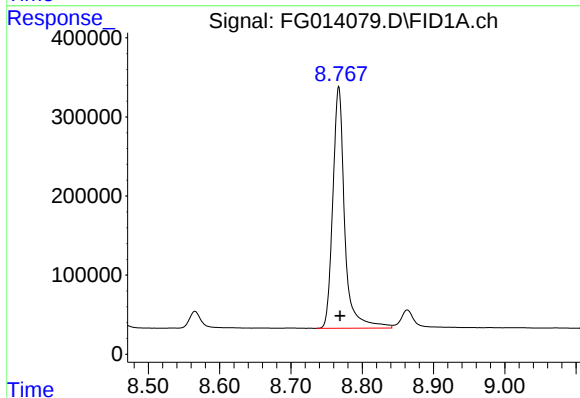
R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 5489559
Conc: 48.93 ug/ml



#5 Acenaphthylene (C15.06)

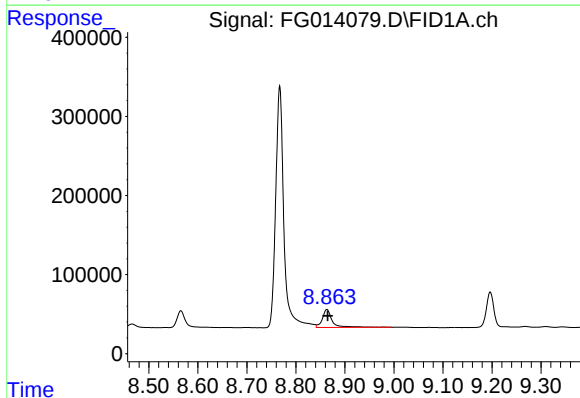
R.T.: 8.565 min
Delta R.T.: -0.001 min
Response: 262462
Conc: 1.98 ug/ml

Instrument :
FID_G
ClientSampleId :



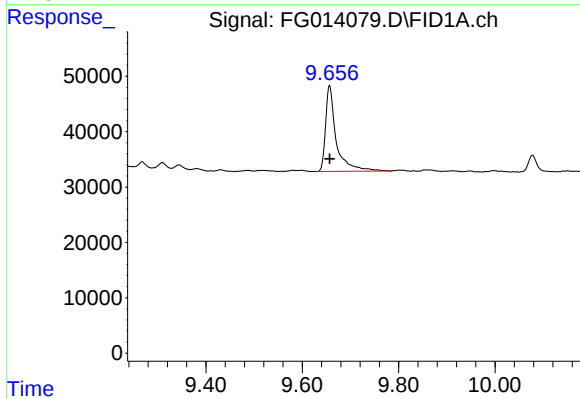
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.767 min
Delta R.T.: -0.002 min
Response: 3543472
Conc: 47.19 ug/ml



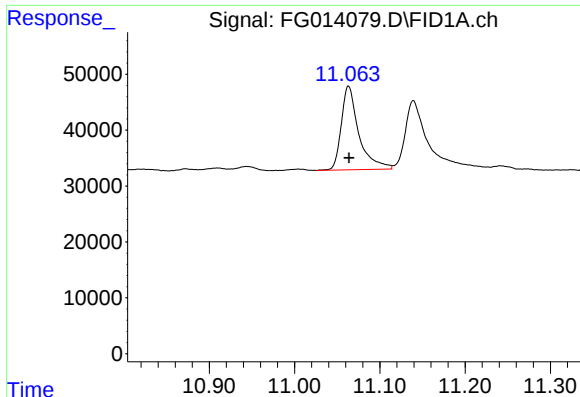
#7 Acenaphthene (C15.5)

R.T.: 8.863 min
Delta R.T.: -0.002 min
Response: 327126
Conc: 2.42 ug/ml



#8 Fluorene (C16.55)

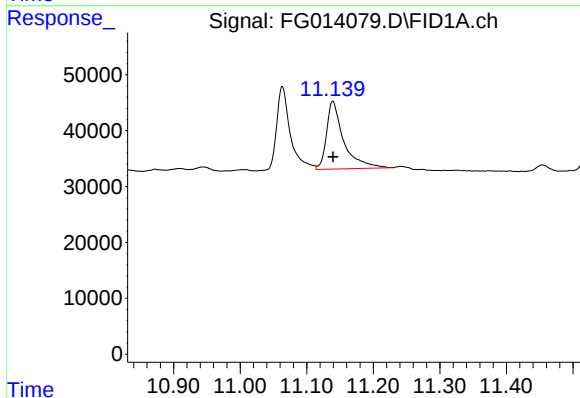
R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 238947
Conc: 1.86 ug/ml



#9 Phenanthrene (C19.36)

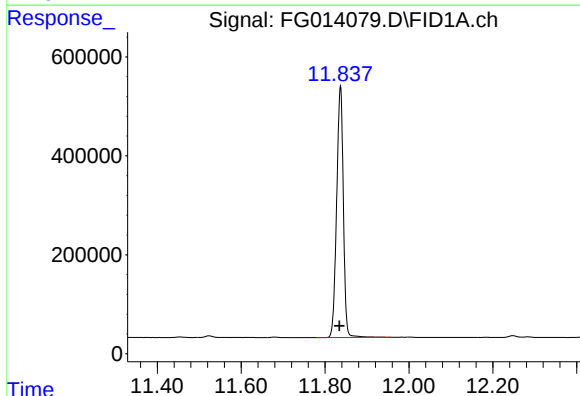
R.T.: 11.064 min
Delta R.T.: 0.000 min
Response: 213853
Conc: 1.72 ug/ml

Instrument :
FID_G
ClientSampleId :



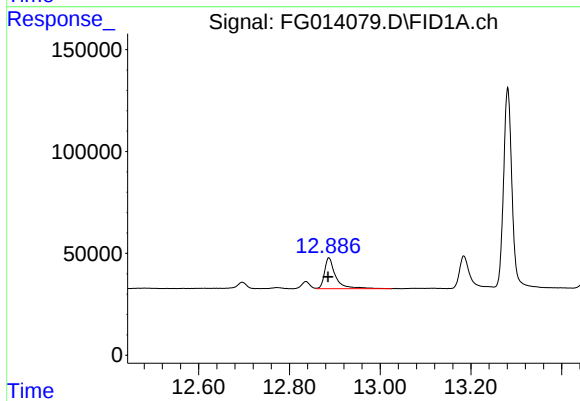
#10 Anthracene (C19.43)

R.T.: 11.140 min
Delta R.T.: 0.000 min
Response: 216687
Conc: 1.72 ug/ml



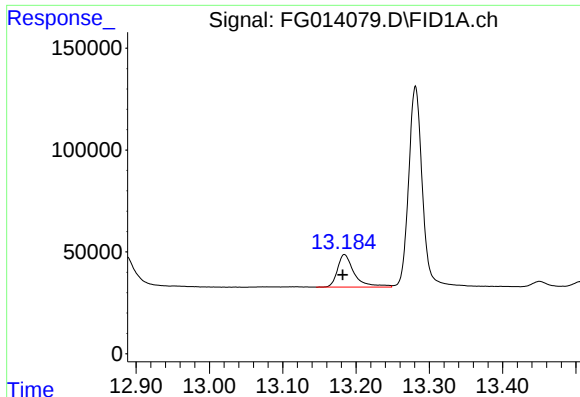
#11 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: 0.002 min
Response: 5623565
Conc: 42.51 ug/ml



#12 Fluoranthene (C21.85)

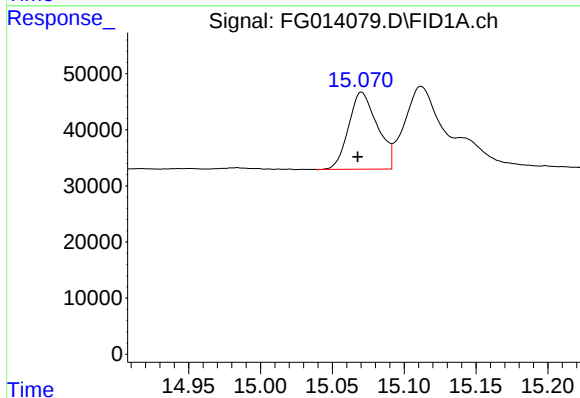
R.T.: 12.887 min
Delta R.T.: 0.002 min
Response: 256840
Conc: 2.01 ug/ml



#13 Pyrene (C20.8)

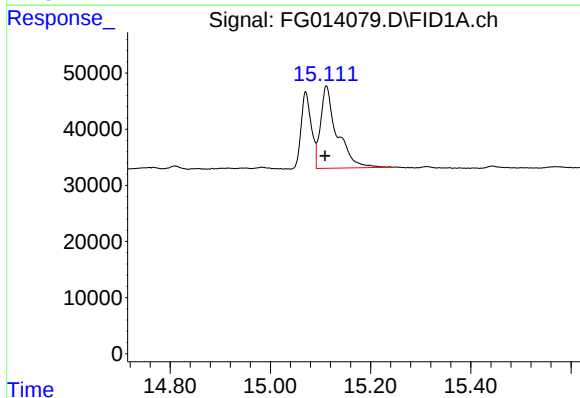
R.T.: 13.184 min
Delta R.T.: 0.002 min
Response: 254892
Conc: 2.00 ug/ml

Instrument :
FID_G
ClientSampleId :



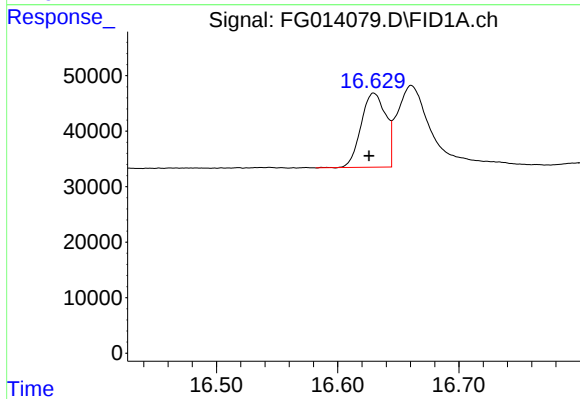
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.071 min
Delta R.T.: 0.003 min
Response: 191482
Conc: 1.64 ug/ml



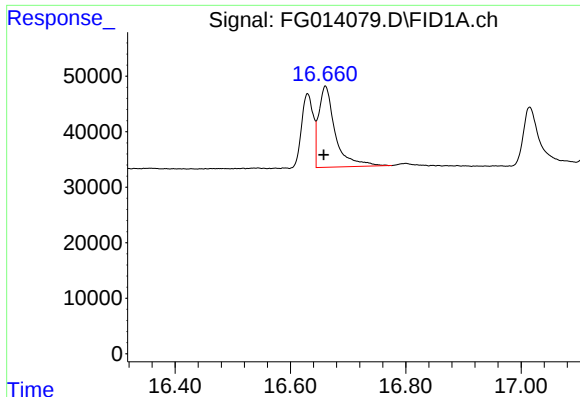
#15 Chrysene (C27.41)

R.T.: 15.112 min
Delta R.T.: 0.003 min
Response: 336531
Conc: 2.47 ug/ml



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

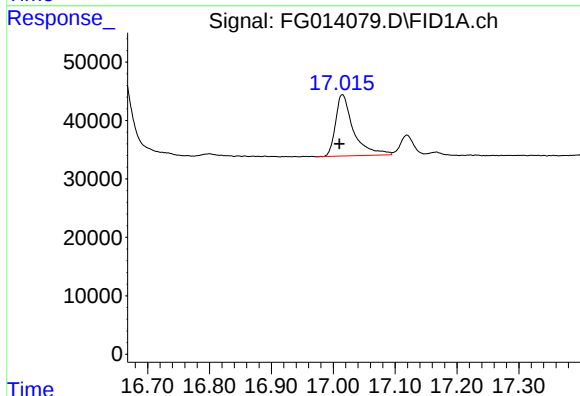
R.T.: 16.630 min
Delta R.T.: 0.004 min
Response: 189032
Conc: 1.53 ug/ml



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

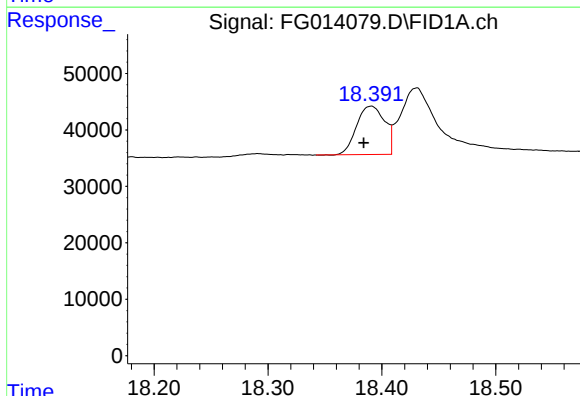
R.T.: 16.661 min
Delta R.T.: 0.003 min
Response: 291369
Conc: 2.18 ug/ml

Instrument :
FID_G
ClientSampleId :



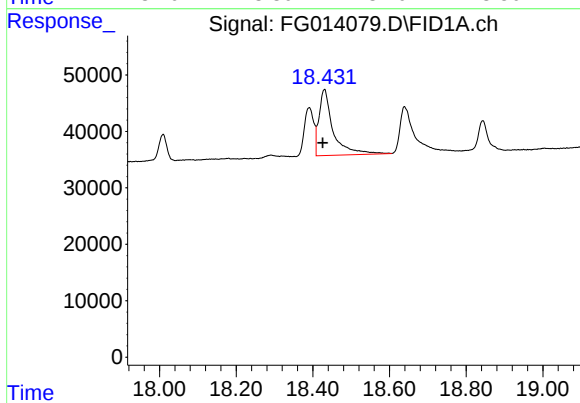
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.015 min
Delta R.T.: 0.005 min
Response: 210744
Conc: 1.67 ug/ml



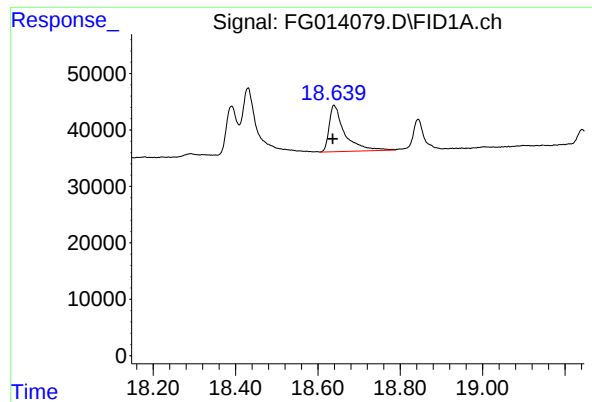
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.390 min
Delta R.T.: 0.006 min
Response: 147146
Conc: 1.44 ug/ml



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

R.T.: 18.430 min
Delta R.T.: 0.004 min
Response: 300462
Conc: 1.97 ug/ml



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

R.T.: 18.640 min
Delta R.T.: 0.004 min
Response: 216016
Conc: 1.56 ug/ml

Instrument :

FID_G

ClientSampleId :