

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090825AR\
 Data File : FG016563.D
 Signal(s) : FID1A.ch
 Acq On : 08 Sep 2025 12:11
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 03:56:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 05:03:16 2025
 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...	8.106	2010459	17.816 ug/ml
Spiked Amount 50.000		Recovery =	35.63%
6) S 2-Fluorobiphenyl (SURR)	8.991	1309400	16.781 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.56%
11) S ortho-Terphenyl (SURR)	12.072	2447734	18.377 ug/ml
Spiked Amount 50.000		Recovery =	36.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.691	2309391	18.846 ug/ml
2) T Naphthalene (C11.7)	6.374	2381847	18.369 ug/ml
3) T 2-Methylnaphthalene (...)	7.477	2332097	17.655 ug/ml
5) T Acenaphthylene (C15.06)	8.789	2317288	17.707 ug/ml
7) T Acenaphthene (C15.5)	9.090	2467847	18.934 ug/ml
8) T Flouorene (C16.55)	9.886	2284269	17.502 ug/ml
9) T Phenanthrene (C19.36)	11.304	2249558	17.240 ug/ml
10) T Anthracene (C19.43)	11.380	2286897	17.501 ug/ml
12) T Fluoranthene (C21.85)	13.140	2326547	17.739 ug/ml
13) T Pyrene (C20.8)	13.442	2284466	17.589 ug/ml
14) T Benzo[a]anthracene (C...	15.336	2043505	15.964 ug/ml
15) T Chrysene (C27.41)	15.379	2229260	17.279 ug/ml
16) T benzo[b]fluoranthene ...	16.907	2187351	17.082 ug/ml
17) T Bnezo[k]fluoranthene ...	16.938	2206332	18.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.291	2171659	17.428 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.673	1777383	15.452 ug/ml
20) T Dibenz[a,h]anthracene...	18.711	2142442	17.741 ug/ml
21) T Benzo[g,h,i]perylene ...	18.932	2317007	19.401 ug/ml

(f)=RT Delta > 1/2 Window

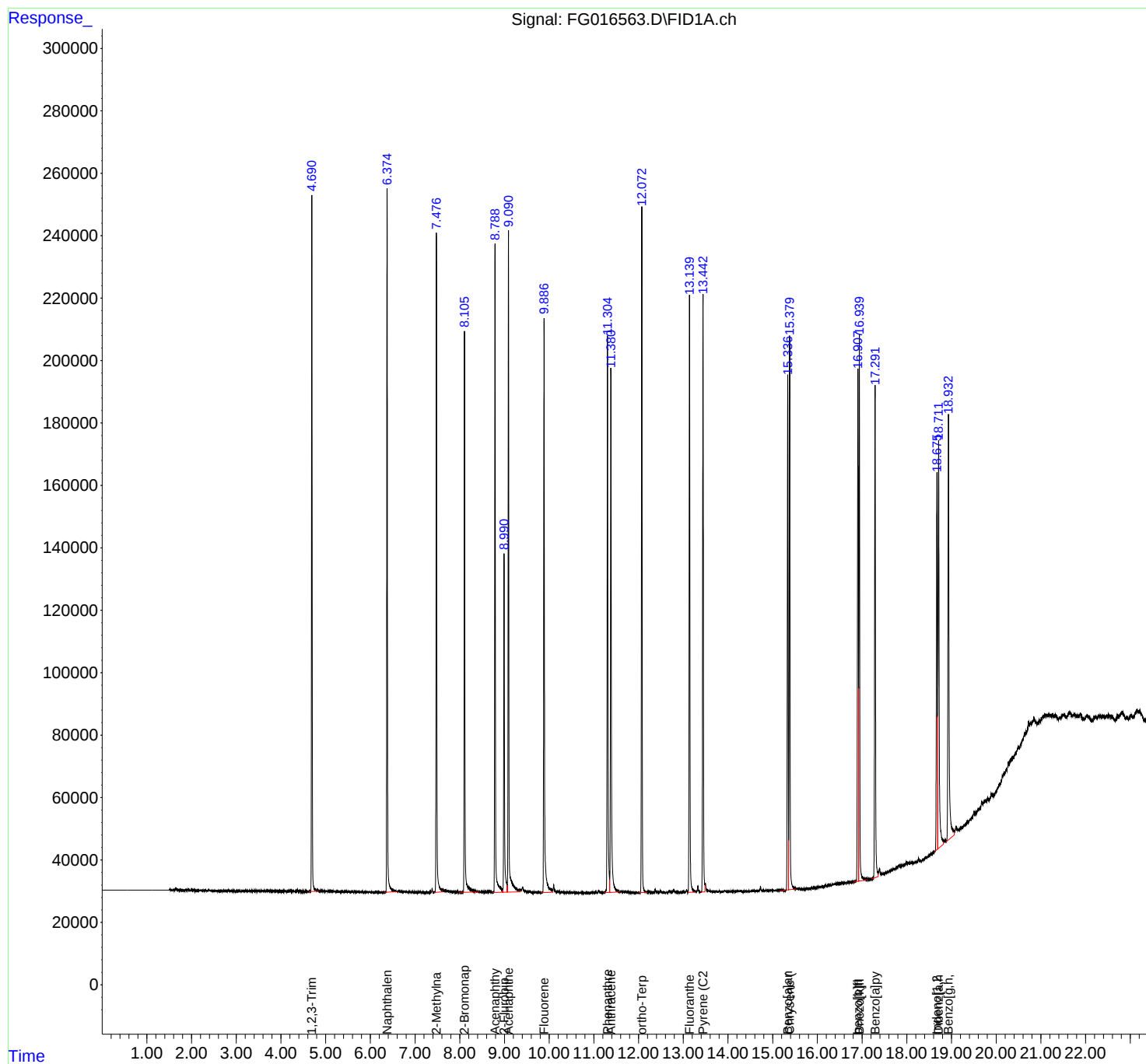
(m)=manual int.

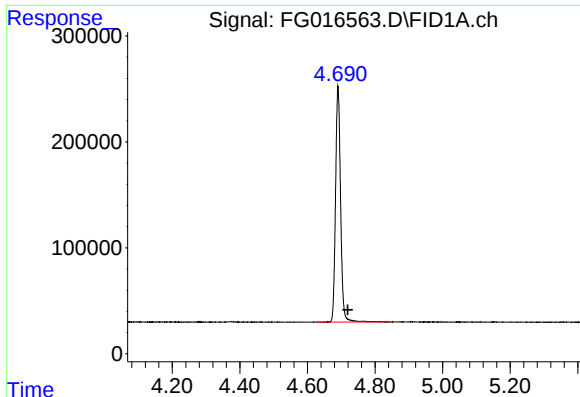
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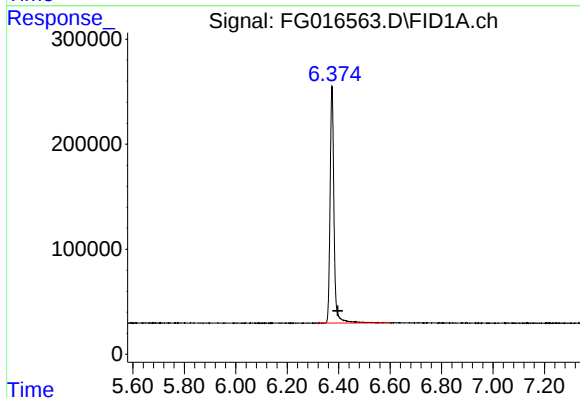




#1 1,2,3-Trimethylbenzene (C10.1)

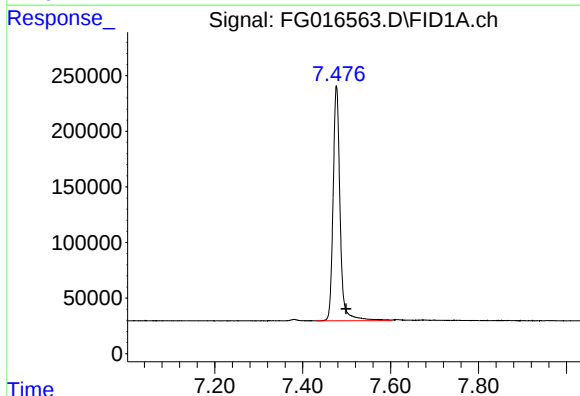
R.T.: 4.691 min
Delta R.T.: -0.028 min
Response: 2309391
Conc: 18.85 ug/ml

Instrument :
FID_E
ClientSampleId :



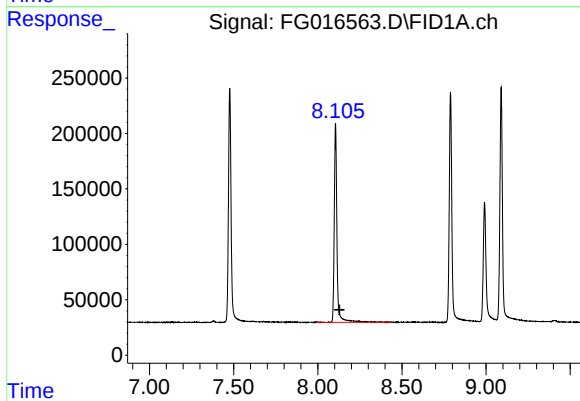
#2 Naphthalene (C11.7)

R.T.: 6.374 min
Delta R.T.: -0.023 min
Response: 2381847
Conc: 18.37 ug/ml



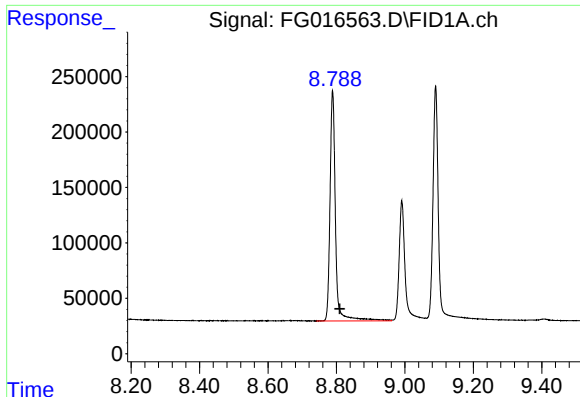
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.477 min
Delta R.T.: -0.022 min
Response: 2332097
Conc: 17.66 ug/ml



#4 2-Bromonaphthalene (SURR)

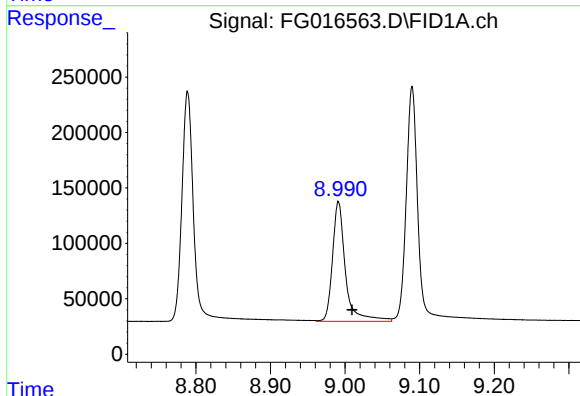
R.T.: 8.106 min
Delta R.T.: -0.023 min
Response: 2010459
Conc: 17.82 ug/ml



#5 Acenaphthylene (C15.06)

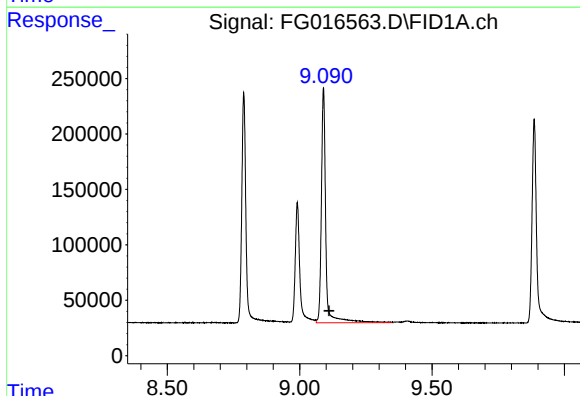
R.T.: 8.789 min
Delta R.T.: -0.020 min
Response: 2317288
Conc: 17.71 ug/ml

Instrument :
FID_E
ClientSampleId :



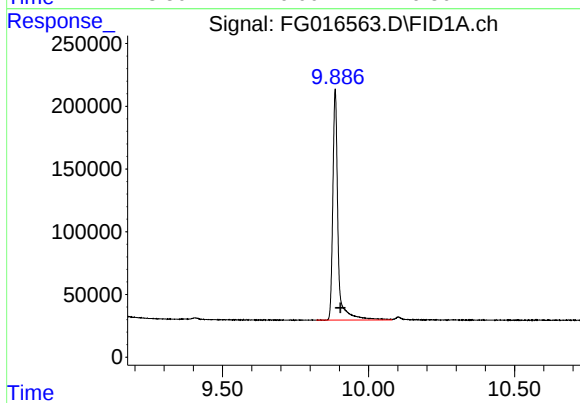
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.991 min
Delta R.T.: -0.018 min
Response: 1309400
Conc: 16.78 ug/ml



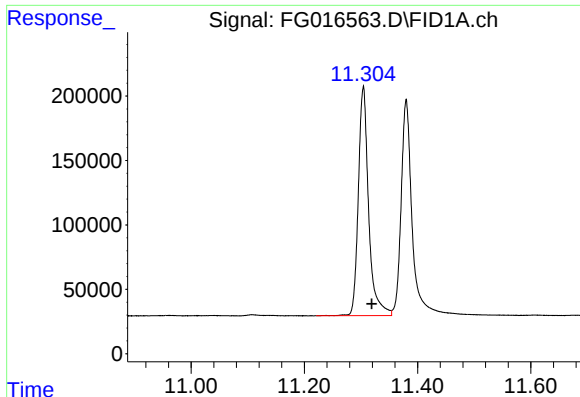
#7 Acenaphthene (C15.5)

R.T.: 9.090 min
Delta R.T.: -0.021 min
Response: 2467847
Conc: 18.93 ug/ml



#8 Fluorene (C16.55)

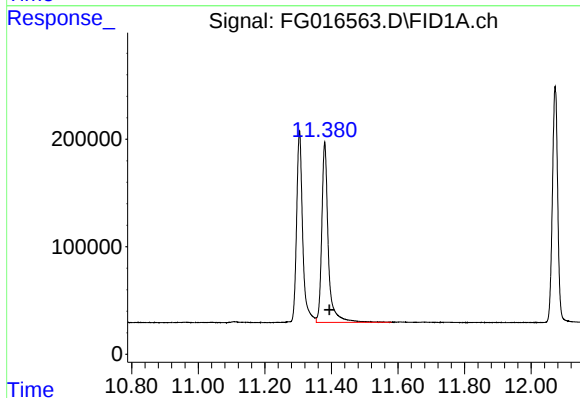
R.T.: 9.886 min
Delta R.T.: -0.018 min
Response: 2284269
Conc: 17.50 ug/ml



#9 Phenanthrene (C19.36)

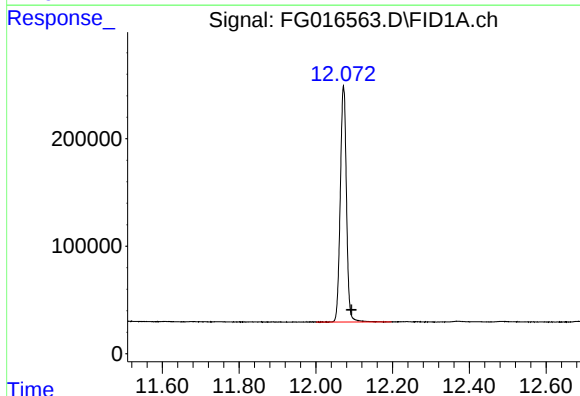
R.T.: 11.304 min
Delta R.T.: -0.015 min
Response: 2249558
Conc: 17.24 ug/ml

Instrument :
FID_E
ClientSampleId :



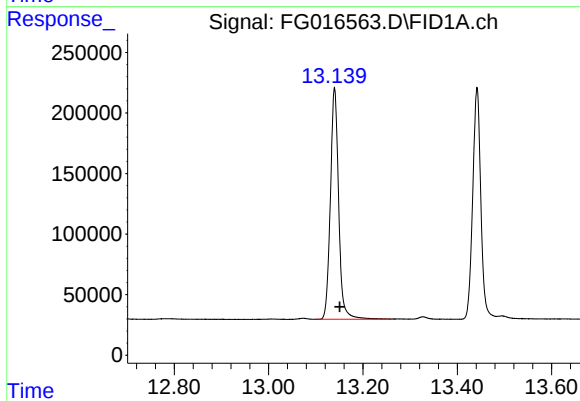
#10 Anthracene (C19.43)

R.T.: 11.380 min
Delta R.T.: -0.014 min
Response: 2286897
Conc: 17.50 ug/ml



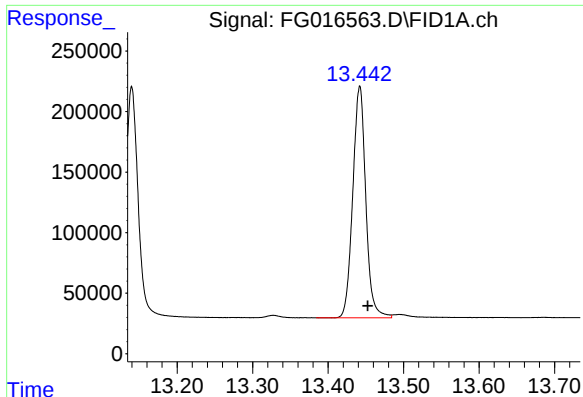
#11 ortho-Terphenyl (SURR)

R.T.: 12.072 min
Delta R.T.: -0.021 min
Response: 2447734
Conc: 18.38 ug/ml



#12 Fluoranthene (C21.85)

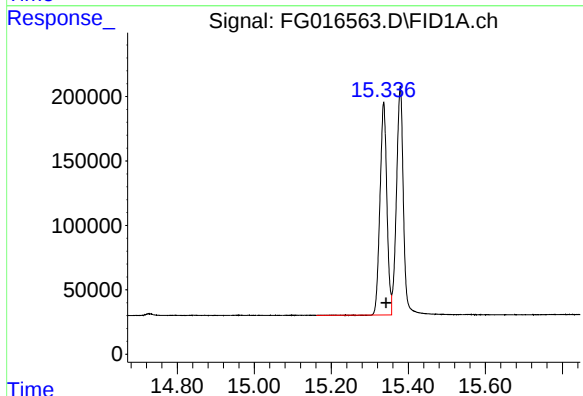
R.T.: 13.140 min
Delta R.T.: -0.011 min
Response: 2326547
Conc: 17.74 ug/ml



#13 Pyrene (C20.8)

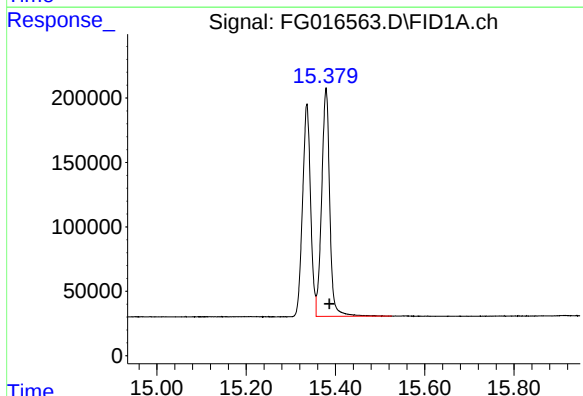
R.T.: 13.442 min
Delta R.T.: -0.011 min
Response: 2284466
Conc: 17.59 ug/ml

Instrument :
FID_E
ClientSampleId :



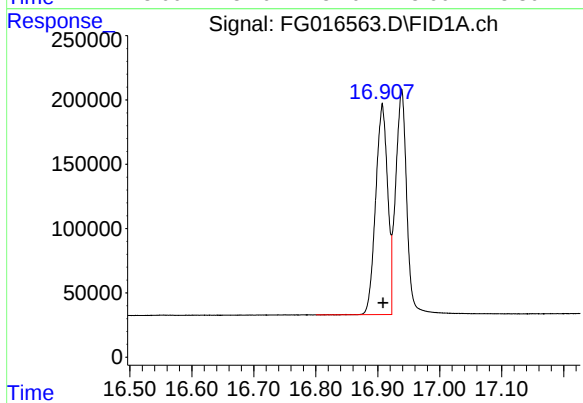
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.336 min
Delta R.T.: -0.007 min
Response: 2043505
Conc: 15.96 ug/ml



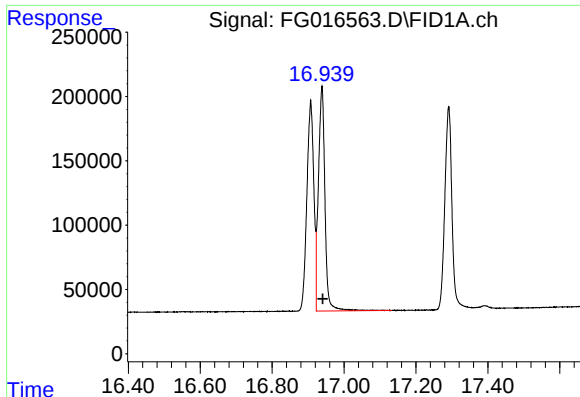
#15 Chrysene (C27.41)

R.T.: 15.379 min
Delta R.T.: -0.008 min
Response: 2229260
Conc: 17.28 ug/ml



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

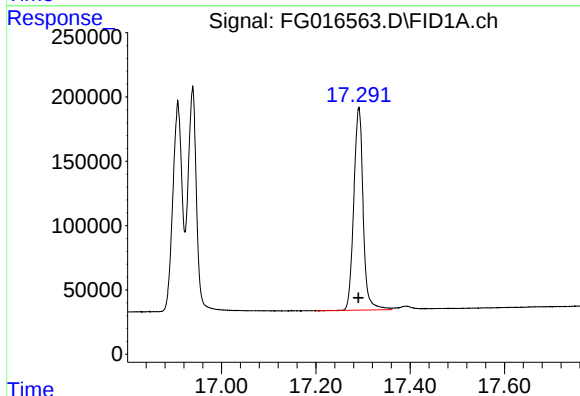
R.T.: 16.907 min
Delta R.T.: -0.001 min
Response: 2187351
Conc: 17.08 ug/ml



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

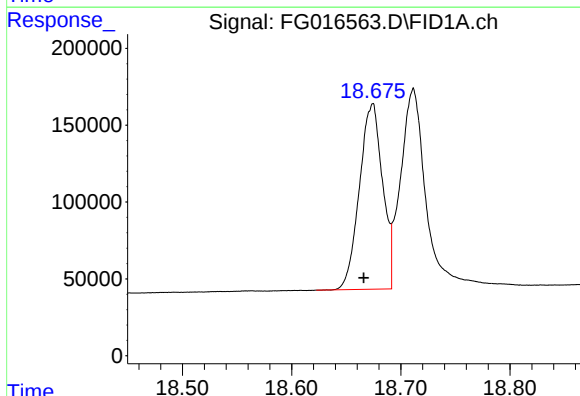
R.T.: 16.938 min
Delta R.T.: -0.002 min
Response: 2206332
Conc: 18.36 ug/ml

Instrument :
FID_E
ClientSampleId :



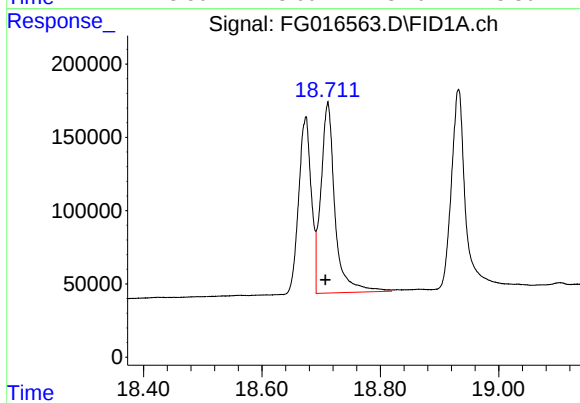
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.291 min
Delta R.T.: 0.000 min
Response: 2171659
Conc: 17.43 ug/ml



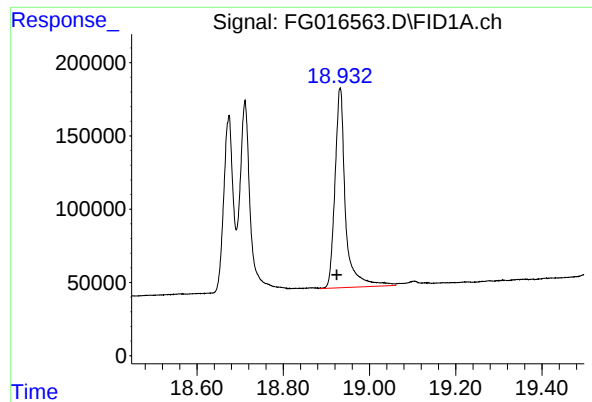
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.673 min
Delta R.T.: 0.007 min
Response: 1777383
Conc: 15.45 ug/ml



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

R.T.: 18.711 min
Delta R.T.: 0.004 min
Response: 2142442
Conc: 17.74 ug/ml



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

R.T.: 18.932 min
Delta R.T.: 0.008 min
Response: 2317007
Conc: 19.40 ug/ml

Instrument :

FID_E

ClientSampleId :