

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090825AR\
 Data File : FG016567.D
 Signal(s) : FID1A.ch
 Acq On : 08 Sep 2025 15:23
 Operator : YP\AJ
 Sample : Q2893-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 03:58:39 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...	8.105	4794417	42.487 ug/ml
Spiked Amount 50.000		Recovery =	84.97%
6) S 2-Fluorobiphenyl (SURR)	8.990	2296752	29.435 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	58.87%
11) S ortho-Terphenyl (SURR)	12.073	5259072	39.484 ug/ml
Spiked Amount 50.000		Recovery =	78.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.689	182647	1.491 ug/ml
2) T Naphthalene (C11.7)	6.373	205943	1.588 ug/ml
3) T 2-Methylnaphthalene (...)	7.476	212421	1.608 ug/ml
5) T Acenaphthylene (C15.06)	8.787	236810	1.810 ug/ml
7) T Acenaphthene (C15.5)	9.087	357925	2.746 ug/ml
8) T Flouorene (C16.55)	9.884	259721	1.990 ug/ml
9) T Phenanthrene (C19.36)	11.302	240999	1.847 ug/ml
10) T Anthracene (C19.43)	11.379	287482	2.200 ug/ml
12) T Fluoranthene (C21.85)	13.135	277510	2.116 ug/ml
13) T Pyrene (C20.8)	13.436	271975	2.094 ug/ml
14) T Benzo[a]anthracene (C...	15.334	241050	1.883 ug/ml
15) T Chrysene (C27.41)	15.377	363858	2.820 ug/ml
16) T benzo[b]fluoranthene ...	16.903	238157	1.860 ug/ml
17) T Bnezo[k]fluoranthene ...	16.934	342427	2.850 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.289	267131	2.144 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.672	239200	2.080 ug/ml
20) T Dibenz[a,h]anthracene...	18.709	347408	2.877 ug/ml
21) T Benzo[g,h,i]perylene ...	18.926	262014	2.194 ug/ml

(f)=RT Delta > 1/2 Window

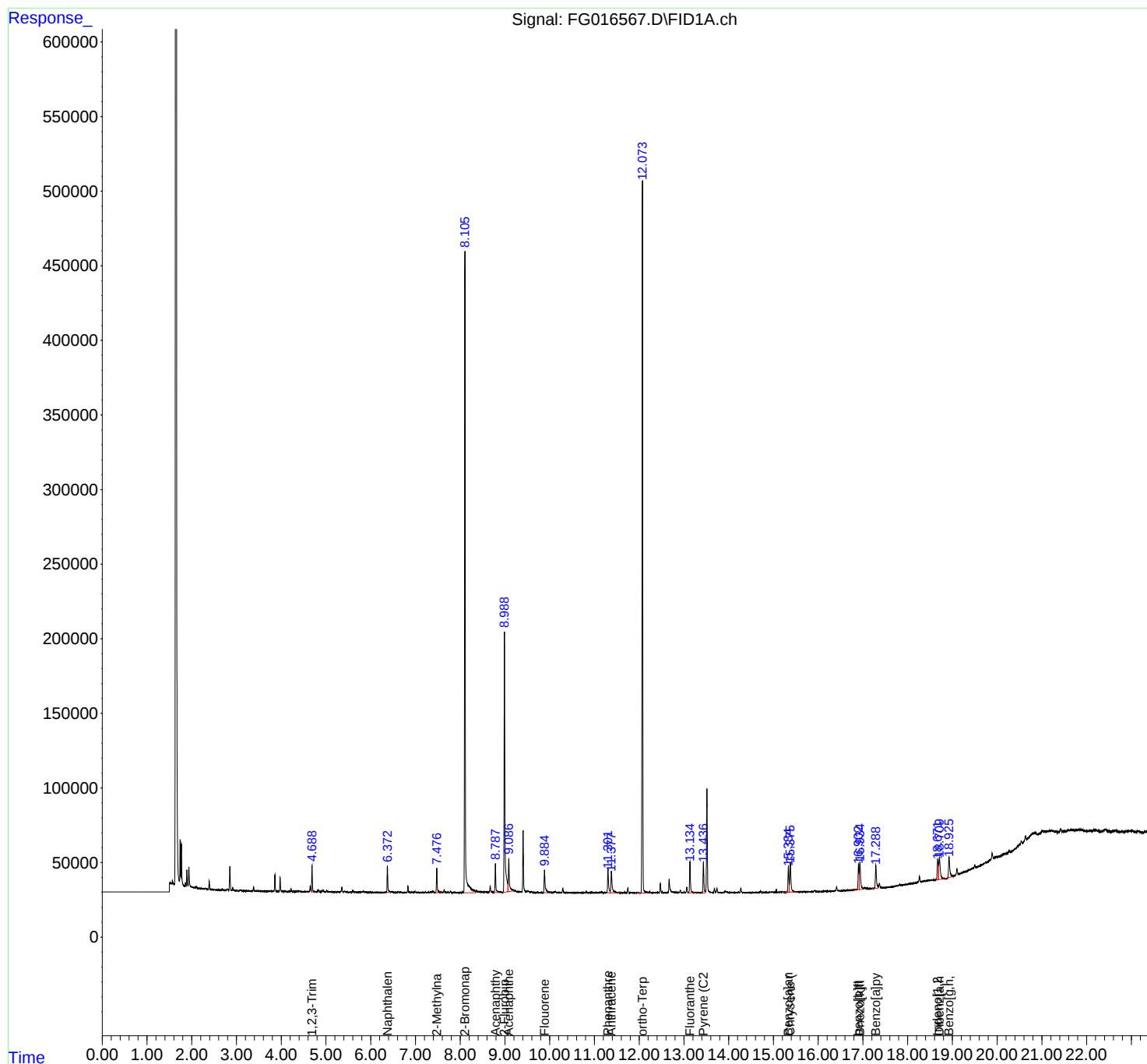
(m)=manual int.

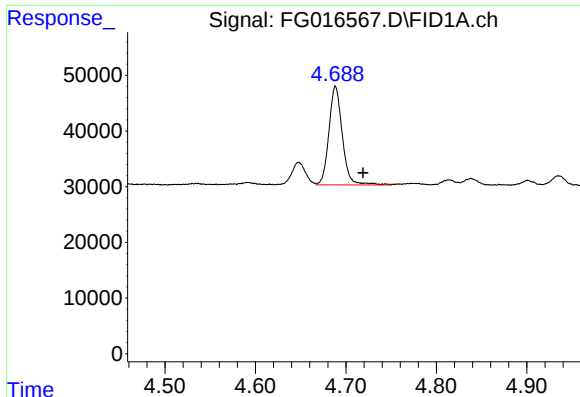
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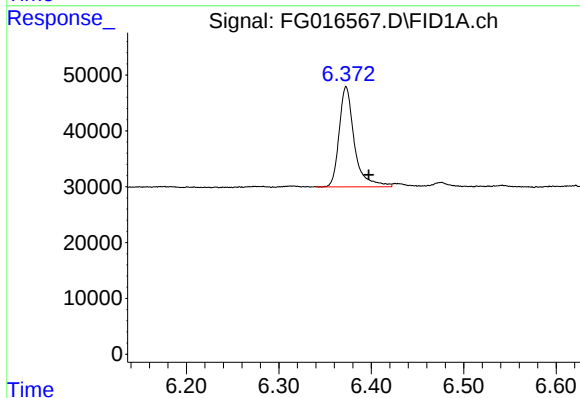




#1 1,2,3-Trimethylbenzene (C10.1)

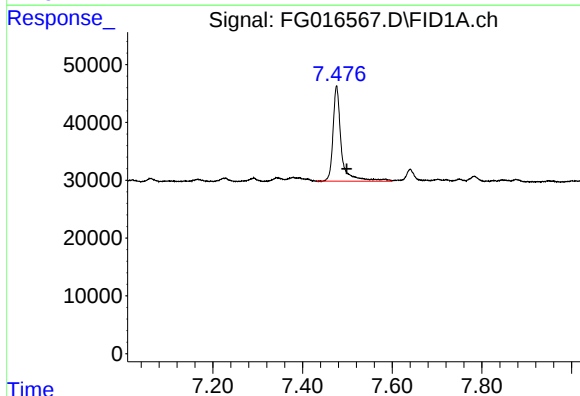
R.T.: 4.689 min
Delta R.T.: -0.030 min
Response: 182647
Conc: 1.49 ug/ml

Instrument :
FID_E
ClientSampleId :



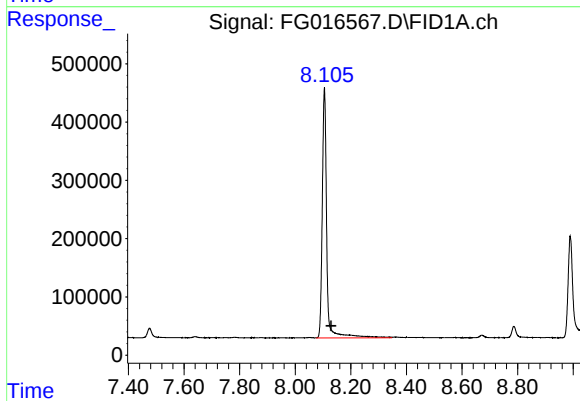
#2 Naphthalene (C11.7)

R.T.: 6.373 min
Delta R.T.: -0.024 min
Response: 205943
Conc: 1.59 ug/ml



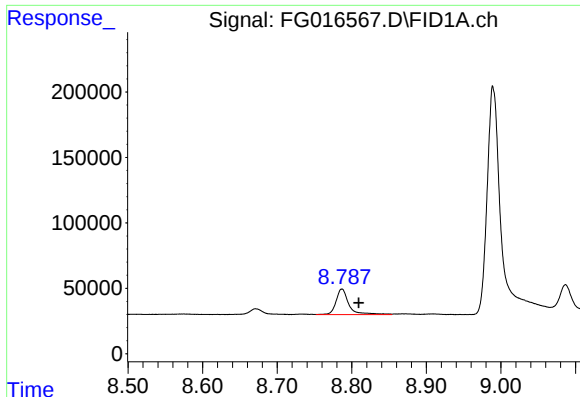
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.476 min
Delta R.T.: -0.023 min
Response: 212421
Conc: 1.61 ug/ml



#4 2-Bromonaphthalene (SURR)

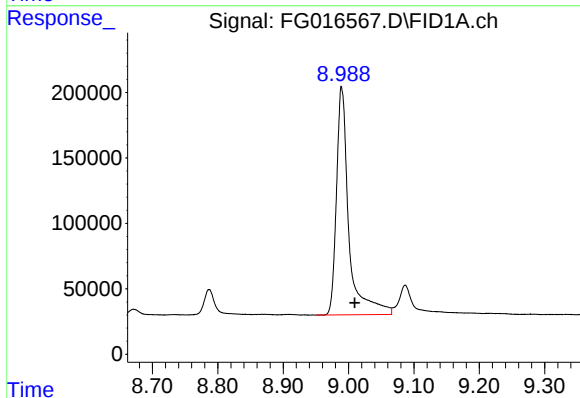
R.T.: 8.105 min
Delta R.T.: -0.024 min
Response: 4794417
Conc: 42.49 ug/ml



#5 Acenaphthylene (C15.06)

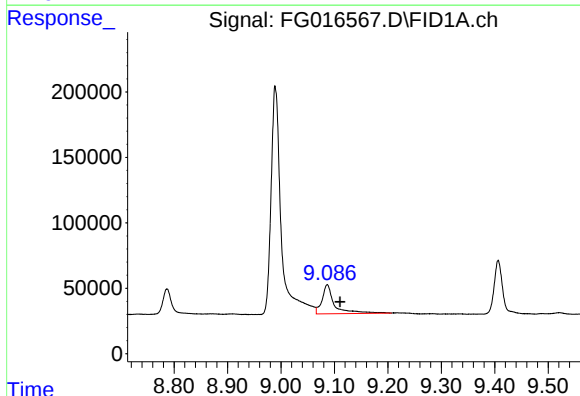
R.T.: 8.787 min
Delta R.T.: -0.022 min
Response: 236810
Conc: 1.81 ug/ml

Instrument :
FID_E
ClientSampleId :



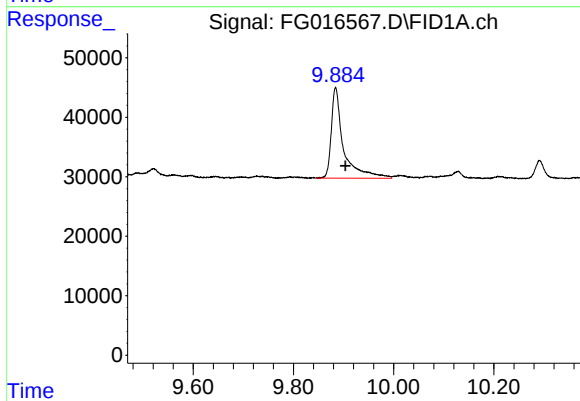
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.990 min
Delta R.T.: -0.020 min
Response: 2296752
Conc: 29.43 ug/ml



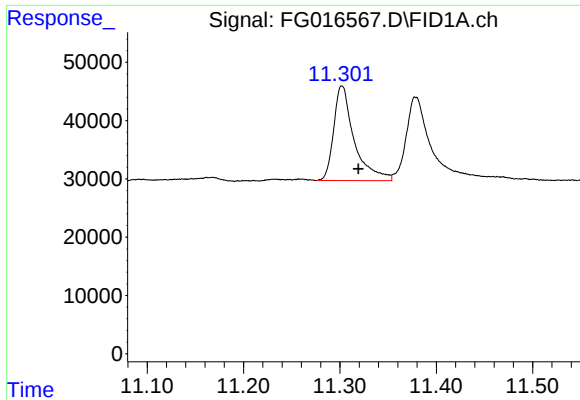
#7 Acenaphthene (C15.5)

R.T.: 9.087 min
Delta R.T.: -0.024 min
Response: 357925
Conc: 2.75 ug/ml



#8 Fluorene (C16.55)

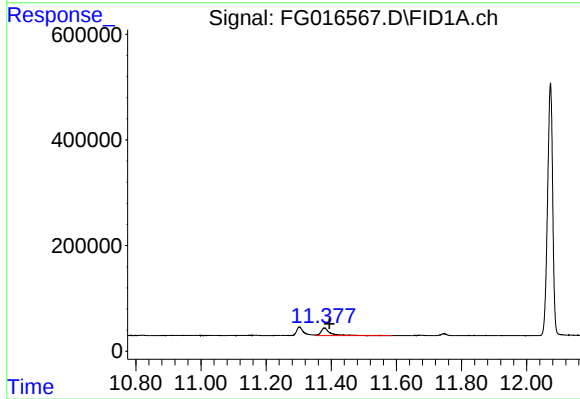
R.T.: 9.884 min
Delta R.T.: -0.020 min
Response: 259721
Conc: 1.99 ug/ml



#9 Phenanthrene (C19.36)

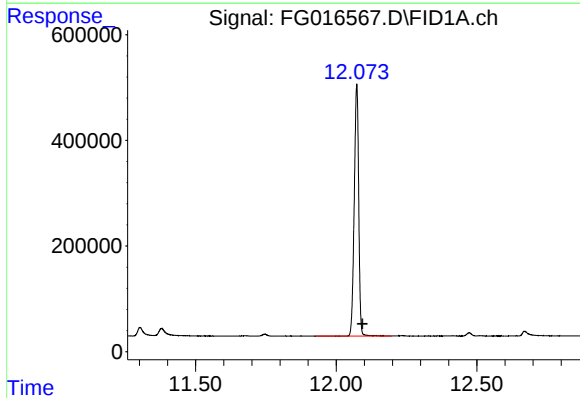
R.T.: 11.302 min
Delta R.T.: -0.017 min
Response: 240999
Conc: 1.85 ug/ml

Instrument :
FID_E
ClientSampleId :



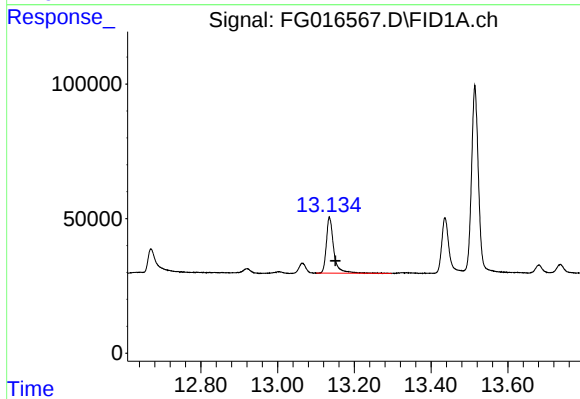
#10 Anthracene (C19.43)

R.T.: 11.379 min
Delta R.T.: -0.015 min
Response: 287482
Conc: 2.20 ug/ml



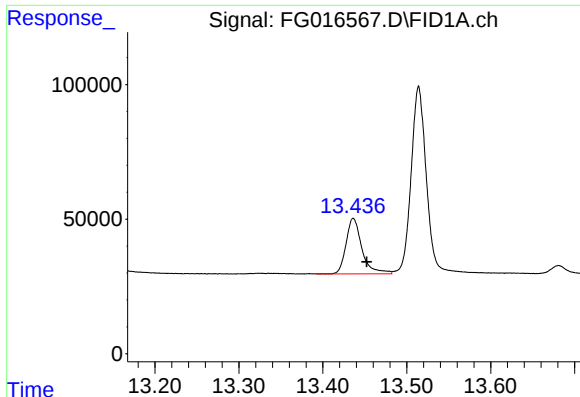
#11 ortho-Terphenyl (SURR)

R.T.: 12.073 min
Delta R.T.: -0.020 min
Response: 5259072
Conc: 39.48 ug/ml



#12 Fluoranthene (C21.85)

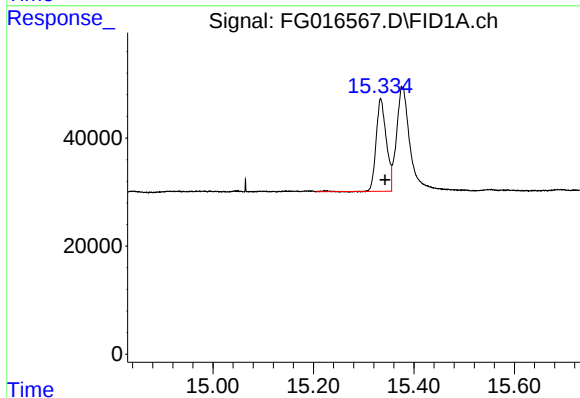
R.T.: 13.135 min
Delta R.T.: -0.016 min
Response: 277510
Conc: 2.12 ug/ml



#13 Pyrene (C20.8)

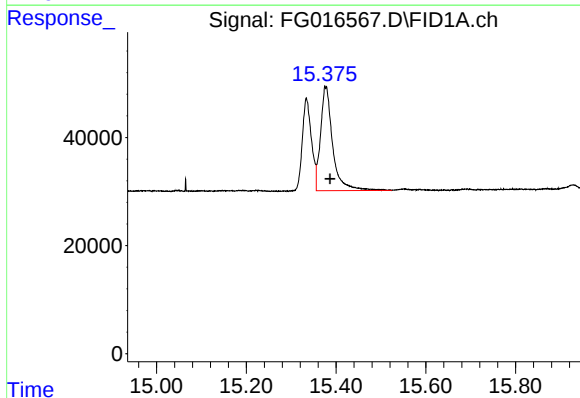
R.T.: 13.436 min
Delta R.T.: -0.016 min
Response: 271975
Conc: 2.09 ug/ml

Instrument :
FID_E
ClientSampleId :



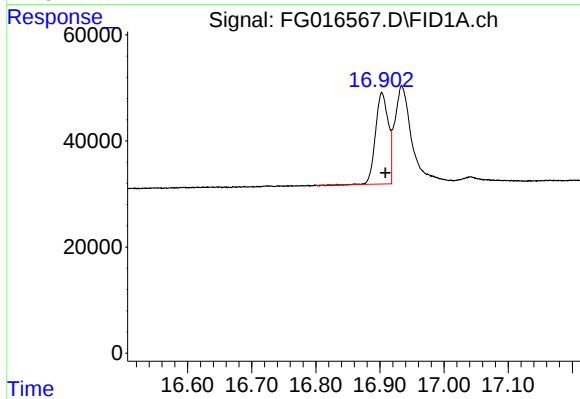
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.334 min
Delta R.T.: -0.008 min
Response: 241050
Conc: 1.88 ug/ml



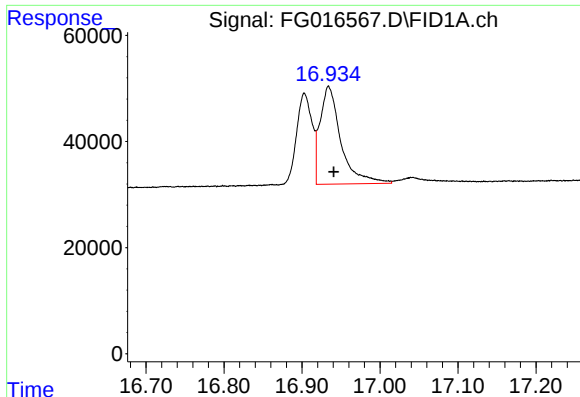
#15 Chrysene (C27.41)

R.T.: 15.377 min
Delta R.T.: -0.009 min
Response: 363858
Conc: 2.82 ug/ml



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

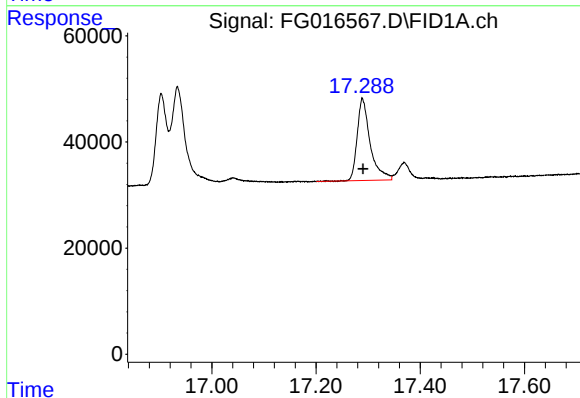
R.T.: 16.903 min
Delta R.T.: -0.005 min
Response: 238157
Conc: 1.86 ug/ml



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

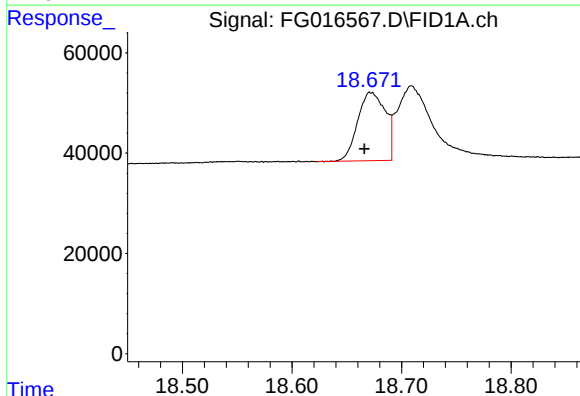
R.T.: 16.934 min
Delta R.T.: -0.007 min
Response: 342427
Conc: 2.85 ug/ml

Instrument :
FID_E
ClientSampleId :



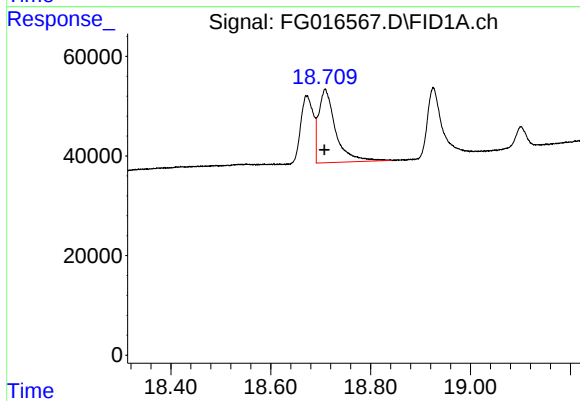
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.289 min
Delta R.T.: -0.001 min
Response: 267131
Conc: 2.14 ug/ml



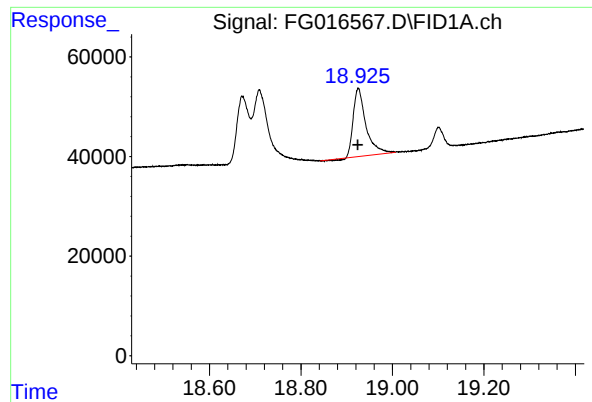
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.672 min
Delta R.T.: 0.006 min
Response: 239200
Conc: 2.08 ug/ml



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

R.T.: 18.709 min
Delta R.T.: 0.002 min
Response: 347408
Conc: 2.88 ug/ml



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

R.T.: 18.926 min
Delta R.T.: 0.001 min
Response: 262014
Conc: 2.19 ug/ml

Instrument :

FID_E

ClientSampleId :