

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120825AR\
 Data File : FG017127.D
 Signal(s) : FID1A.ch
 Acq On : 08 Dec 2025 14:22
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 09 00:55:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:55:13 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...	8.066	5305292	56.987 ug/ml
Spiked Amount 50.000		Recovery =	113.97%
6) S 2-Fluorobiphenyl (SURR)	8.949	3206584	57.003 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	114.01%
11) S ortho-Terphenyl (SURR)	12.030	5655774	39.730 ug/ml
Spiked Amount 50.000		Recovery =	79.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.648	268459	2.031 ug/ml
2) T Naphthalene (C11.7)	6.336	242132	1.980 ug/ml
3) T 2-Methylnaphthalene (...)	7.440	229160	2.024 ug/ml
5) T Acenaphthylene (C15.06)	8.747	299478	2.496 ug/ml
7) T Acenaphthene (C15.5)	9.045	632228	4.743 ug/ml
8) T Flouorene (C16.55)	9.849	247383	2.104 ug/ml
9) T Phenanthrene (C19.36)	11.266	237151	2.074 ug/ml
10) T Anthracene (C19.43)	11.346	290325	2.389 ug/ml
12) T Fluoranthene (C21.85)	13.098	291841	2.310 ug/ml
13) T Pyrene (C20.8)	13.396	274545	2.132 ug/ml
14) T Benzo[a]anthracene (C...	15.301	164780	1.819 ug/ml
15) T Chrysene (C27.41)	15.341	401074	2.828 ug/ml
16) T benzo[b]fluoranthene ...	16.868	189619	1.923 ug/ml
17) T Bnezo[k]fluoranthene ...	16.900	365131	2.786 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.258	201878	2.033 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.645	221849	2.506 ug/ml
20) T Dibenz[a,h]anthracene...	18.685	468047	3.507 ug/ml
21) T Benzo[g,h,i]perylene ...	18.892	363156	3.150 ug/ml

(f)=RT Delta > 1/2 Window

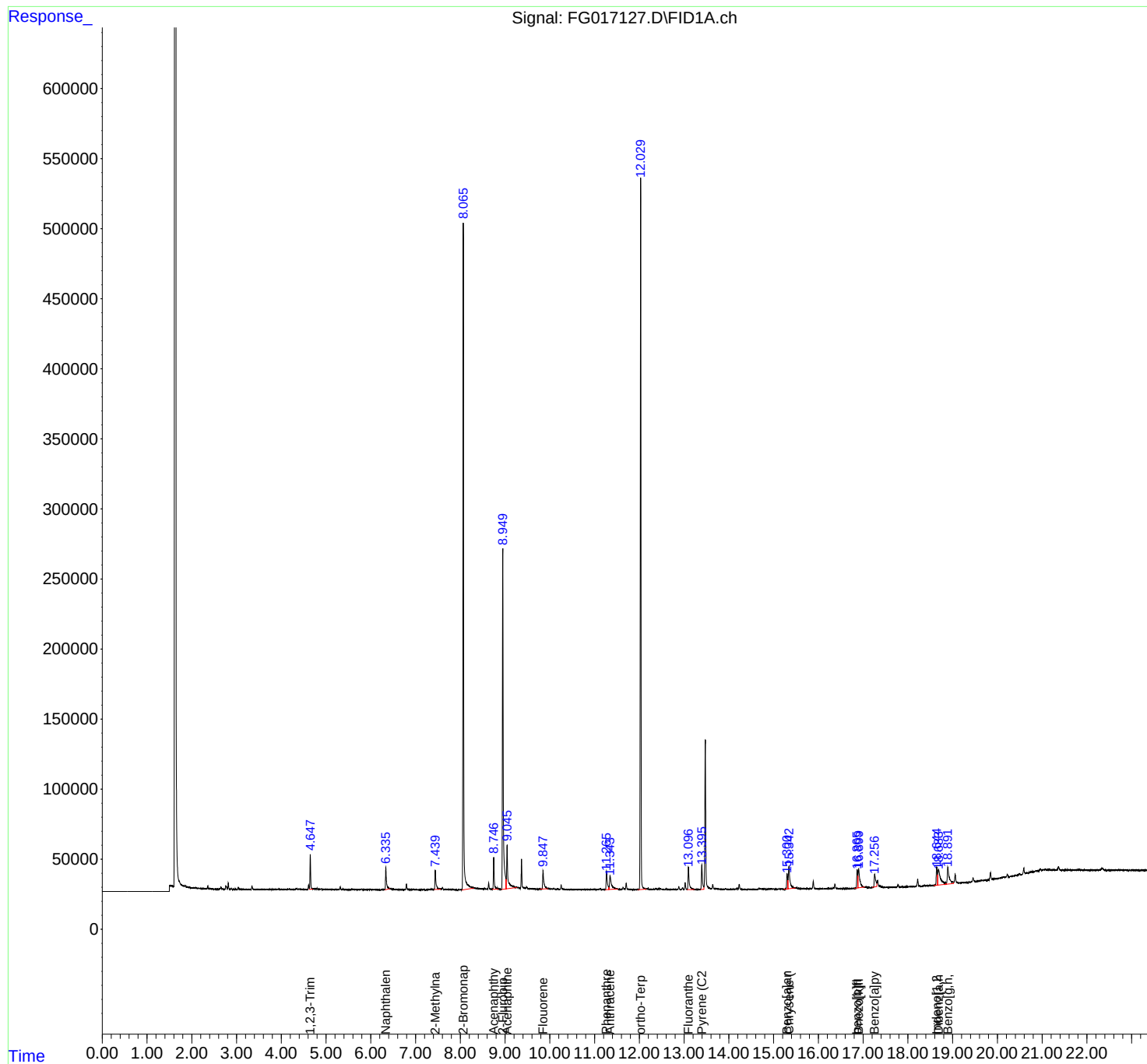
(m)=manual int.

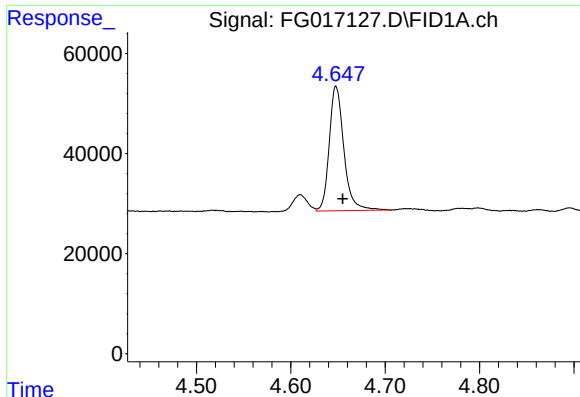
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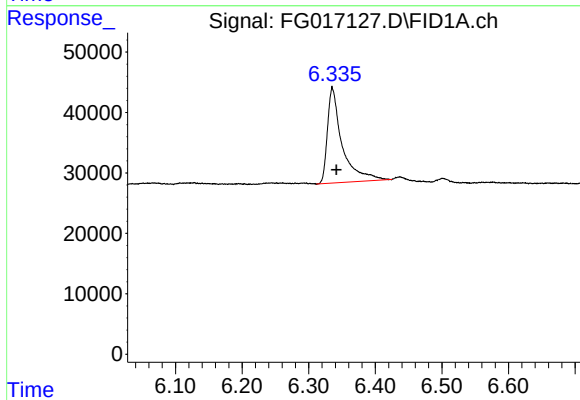




#1 1,2,3-Trimethylbenzene (C10.1)

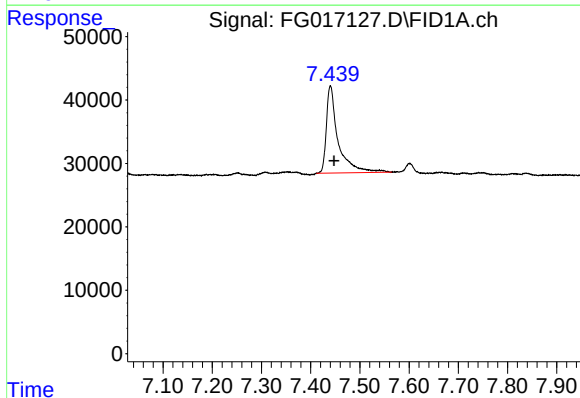
R.T.: 4.648 min
Delta R.T.: -0.007 min
Response: 268459
Conc: 2.03 ug/ml

Instrument :
FID_G
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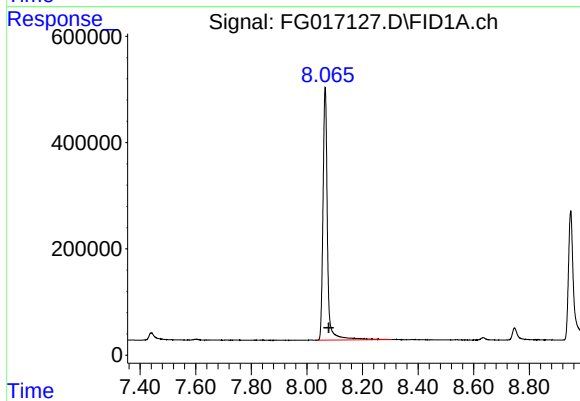
#2 Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 242132
Conc: 1.98 ug/ml



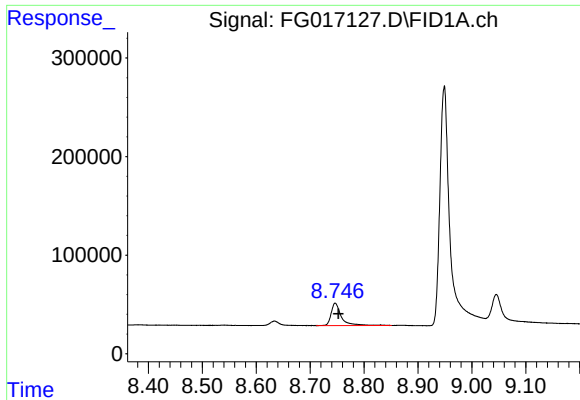
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.440 min
Delta R.T.: -0.007 min
Response: 229160
Conc: 2.02 ug/ml



#4 2-Bromonaphthalene (SURR)

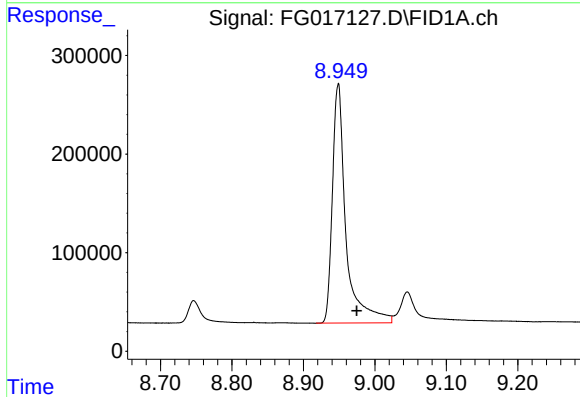
R.T.: 8.066 min
Delta R.T.: -0.013 min
Response: 5305292
Conc: 56.99 ug/ml



#5 Acenaphthylene (C15.06)

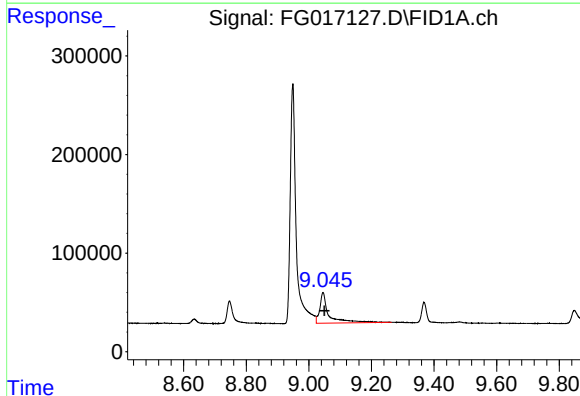
R.T.: 8.747 min
Delta R.T.: -0.005 min
Response: 299478
Conc: 2.50 ug/ml

Instrument :
FID_G
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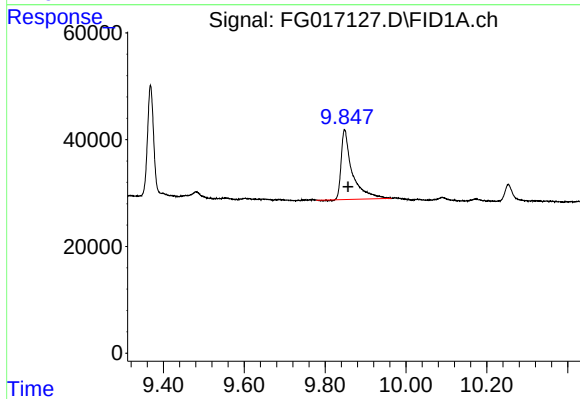
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.949 min
Delta R.T.: -0.026 min
Response: 3206584
Conc: 57.00 ug/ml



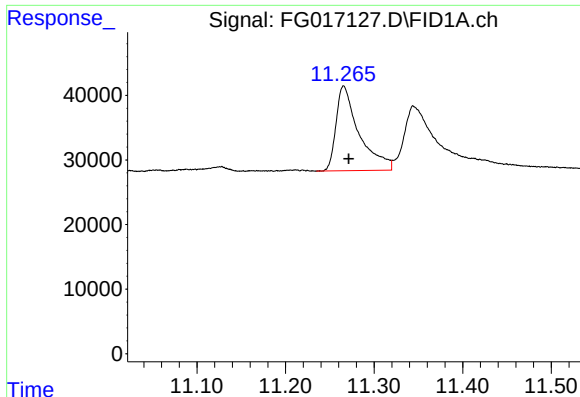
#7 Acenaphthene (C15.5)

R.T.: 9.045 min
Delta R.T.: -0.004 min
Response: 632228
Conc: 4.74 ug/ml



#8 Fluorene (C16.55)

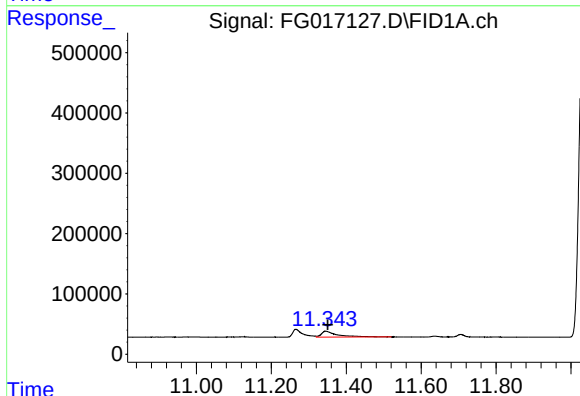
R.T.: 9.849 min
Delta R.T.: -0.008 min
Response: 247383
Conc: 2.10 ug/ml



#9 Phenanthrene (C19.36)

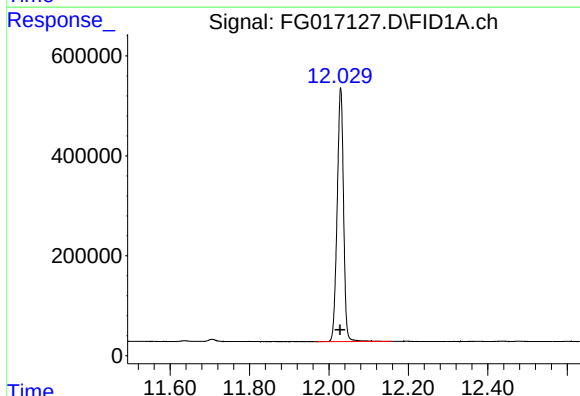
R.T.: 11.266 min
Delta R.T.: -0.005 min
Response: 237151
Conc: 2.07 ug/ml

Instrument :
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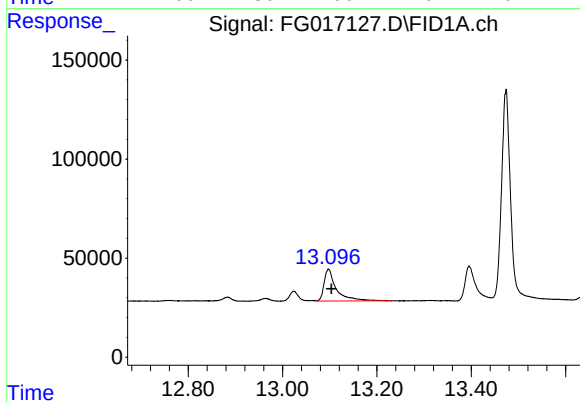
#10 Anthracene (C19.43)

R.T.: 11.346 min
Delta R.T.: -0.005 min
Response: 290325
Conc: 2.39 ug/ml



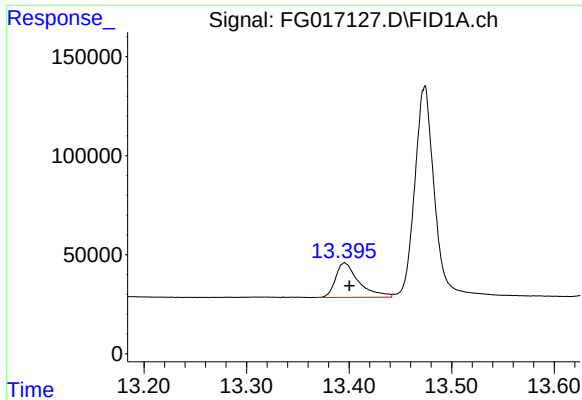
#11 ortho-Terphenyl (SURR)

R.T.: 12.030 min
Delta R.T.: 0.001 min
Response: 5655774
Conc: 39.73 ug/ml



#12 Fluoranthene (C21.85)

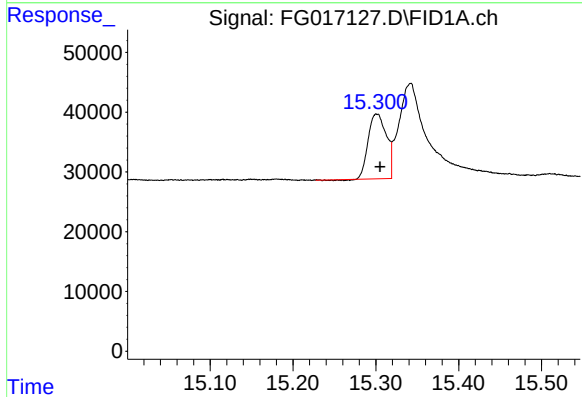
R.T.: 13.098 min
Delta R.T.: -0.006 min
Response: 291841
Conc: 2.31 ug/ml



#13 Pyrene (C20.8)

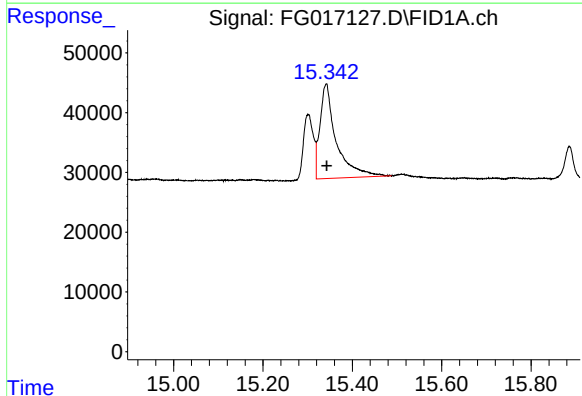
R.T.: 13.396 min
Delta R.T.: -0.005 min
Response: 274545
Conc: 2.13 ug/ml

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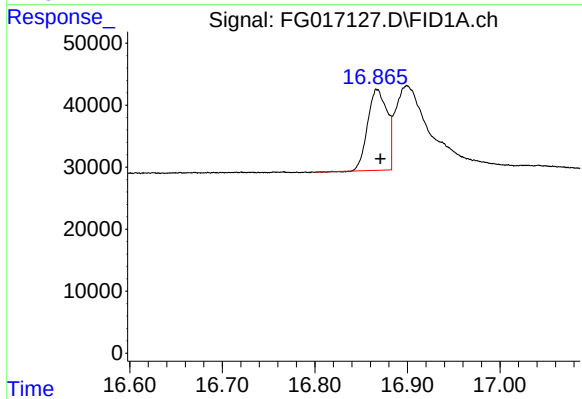
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.301 min
Delta R.T.: -0.004 min
Response: 164780
Conc: 1.82 ug/ml



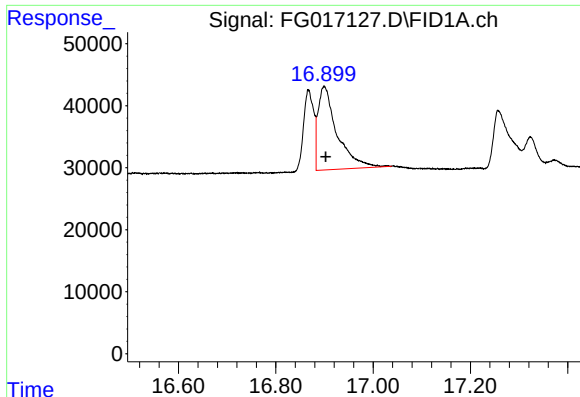
#15 Chrysene (C27.41)

R.T.: 15.341 min
Delta R.T.: -0.001 min
Response: 401074
Conc: 2.83 ug/ml



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

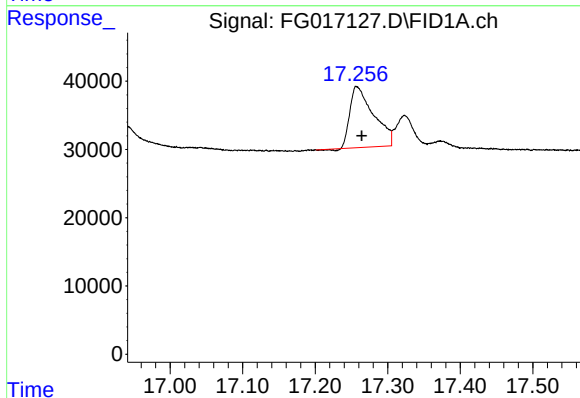
R.T.: 16.868 min
Delta R.T.: -0.003 min
Response: 189619
Conc: 1.92 ug/ml



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

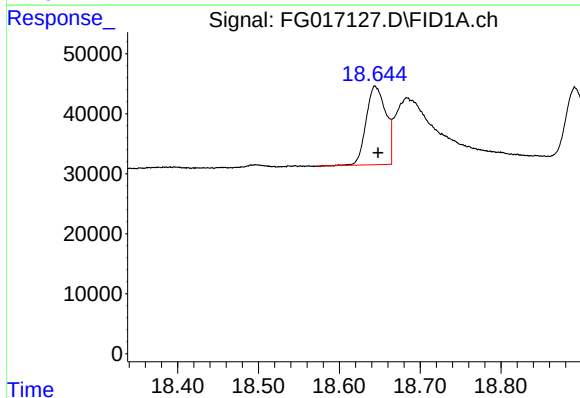
R.T.: 16.900 min
Delta R.T.: -0.003 min
Response: 365131
Conc: 2.79 ug/ml

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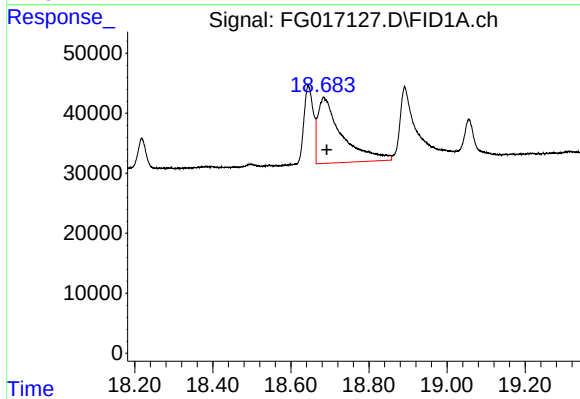
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.258 min
Delta R.T.: -0.006 min
Response: 201878
Conc: 2.03 ug/ml



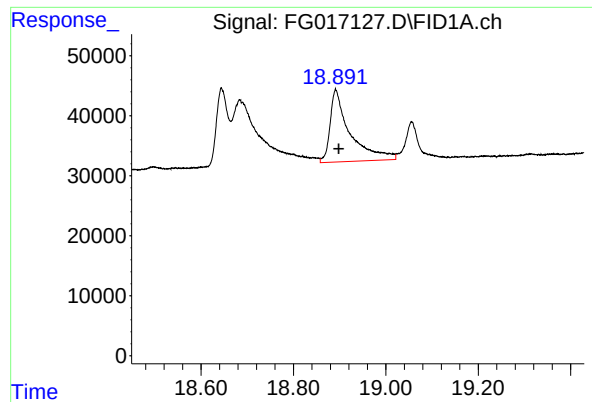
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.645 min
Delta R.T.: -0.003 min
Response: 221849
Conc: 2.51 ug/ml



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

R.T.: 18.685 min
Delta R.T.: -0.007 min
Response: 468047
Conc: 3.51 ug/ml



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

R.T.: 18.892 min
Delta R.T.: -0.006 min
Response: 363156
Conc: 3.15 ug/ml

Instrument :

FID_G

ClientSampleId :

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