

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120825AR\
 Data File : FG017129.D
 Signal(s) : FID1A.ch
 Acq On : 08 Dec 2025 15:53
 Operator : YP\AJ
 Sample : Q3530-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 09 00:56:37 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...	8.065	3404710	36.572 ug/ml
Spiked Amount 50.000		Recovery =	73.14%
6) S 2-Fluorobiphenyl (SURR)	8.950	1978625	35.174 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.35%
11) S ortho-Terphenyl (SURR)	12.026	3913201	27.489 ug/ml
Spiked Amount 50.000		Recovery =	54.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.651	346698	2.622 ug/ml
2) T Naphthalene (C11.7)	6.338	323970	2.649 ug/ml
3) T 2-Methylnaphthalene (...)	7.441	274082	2.421 ug/ml
5) T Acenaphthylene (C15.06)	8.747	358768	2.990 ug/ml
7) T Acenaphthene (C15.5)	9.045	615321	4.616 ug/ml
8) T Flouorene (C16.55)	9.849	318178	2.706 ug/ml
9) T Phenanthrene (C19.36)	11.266	298837	2.613 ug/ml
10) T Anthracene (C19.43)	11.344	341855	2.814 ug/ml
12) T Fluoranthene (C21.85)	13.096	361030	2.858 ug/ml
13) T Pyrene (C20.8)	13.394	353269	2.744 ug/ml
14) T Benzo[a]anthracene (C...	15.300	197648	2.182 ug/ml
15) T Chrysene (C27.41)	15.339	487535	3.438 ug/ml
16) T benzo[b]fluoranthene ...	16.866	235921	2.393 ug/ml
17) T Bnezo[k]fluoranthene ...	16.898	481778	3.676 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.260	261505	2.634 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.644	253857	2.868 ug/ml
20) T Dibenz[a,h]anthracene...	18.684	464648	3.482 ug/ml
21) T Benzo[g,h,i]perylene ...	18.891	321352	2.787 ug/ml

(f)=RT Delta > 1/2 Window

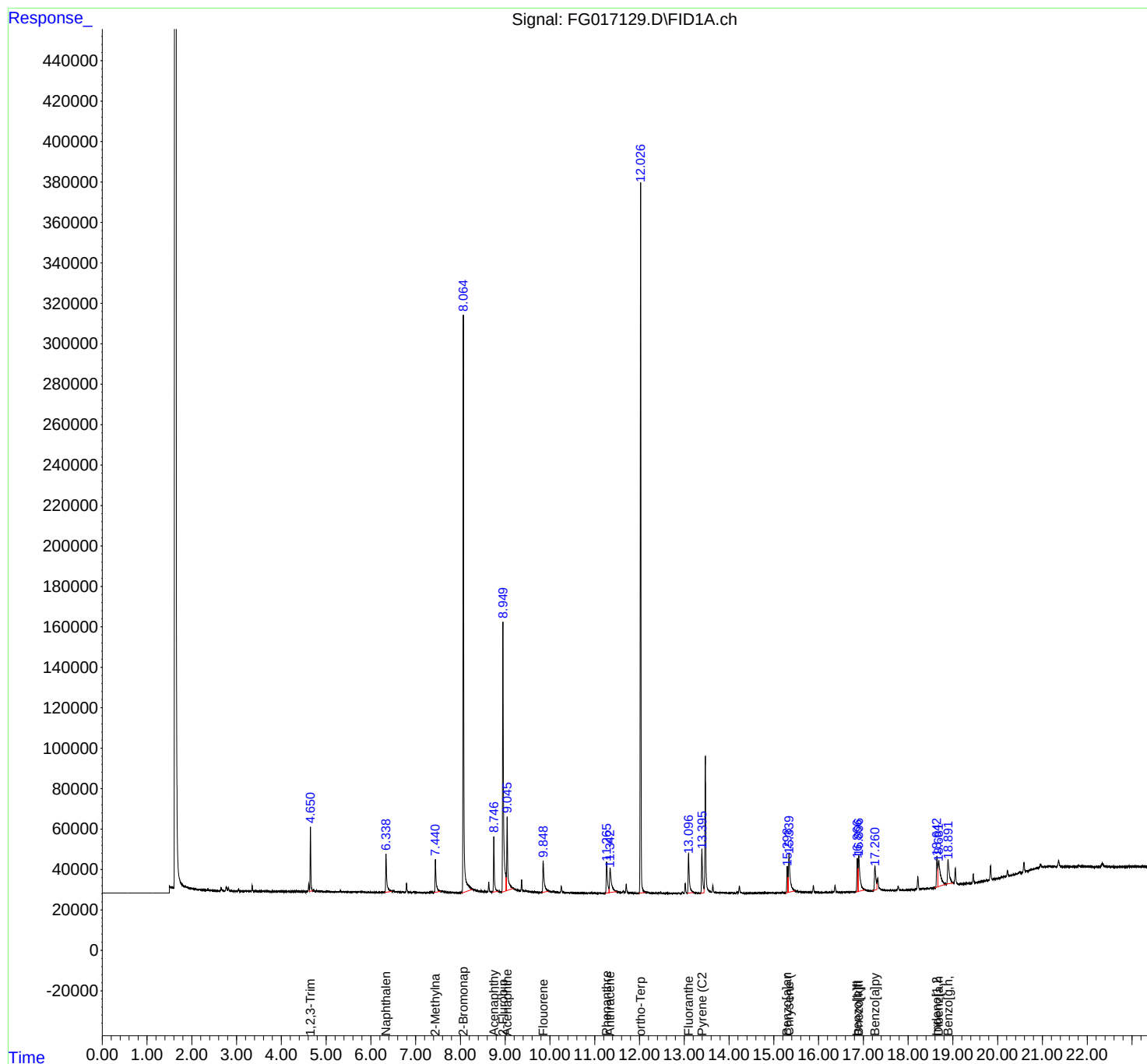
(m)=manual int.

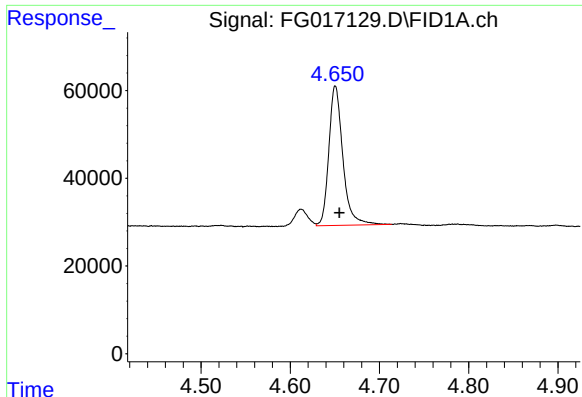
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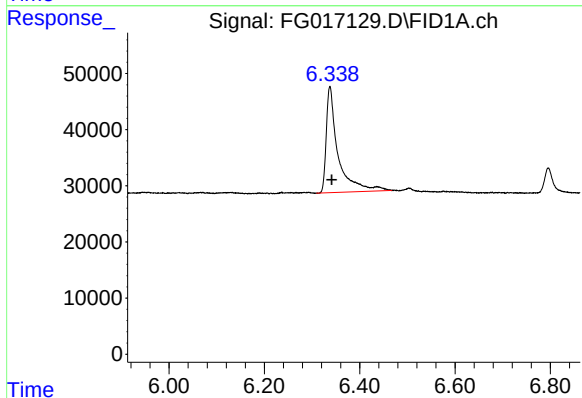




#1 1,2,3-Trimethylbenzene (C10.1)

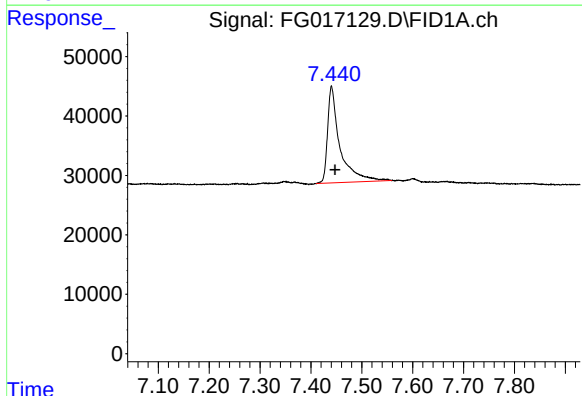
R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 346698
Conc: 2.62 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025



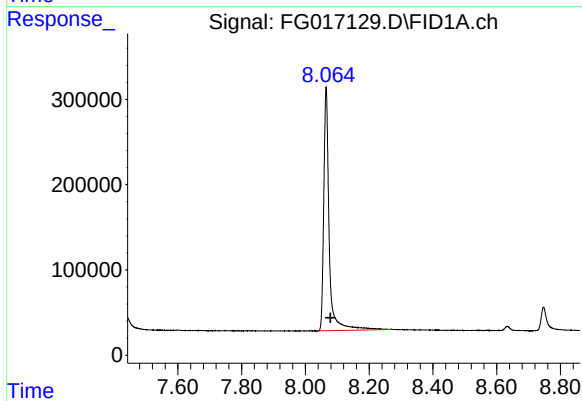
#2 Naphthalene (C11.7)

R.T.: 6.338 min
Delta R.T.: -0.004 min
Response: 323970
Conc: 2.65 ug/ml



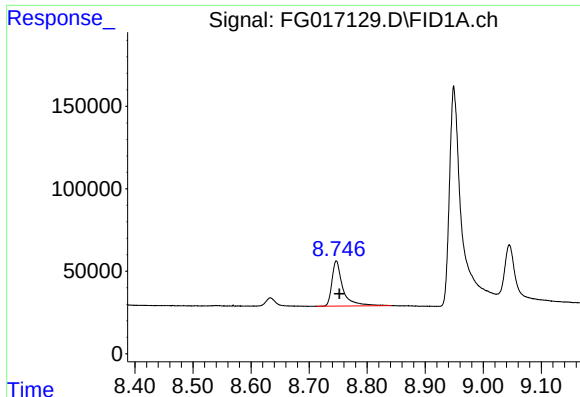
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.441 min
Delta R.T.: -0.006 min
Response: 274082
Conc: 2.42 ug/ml



#4 2-Bromonaphthalene (SURR)

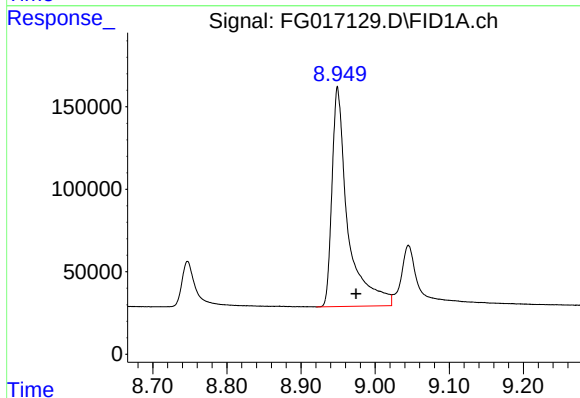
R.T.: 8.065 min
Delta R.T.: -0.014 min
Response: 3404710
Conc: 36.57 ug/ml



#5 Acenaphthylene (C15.06)

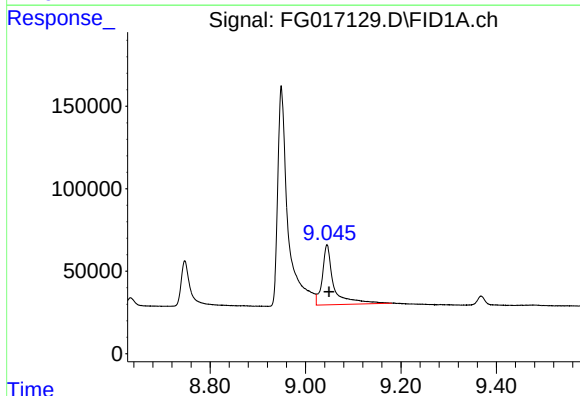
R.T.: 8.747 min
Delta R.T.: -0.005 min
Response: 358768
Conc: 2.99 ug/ml

Instrument :
FID_G
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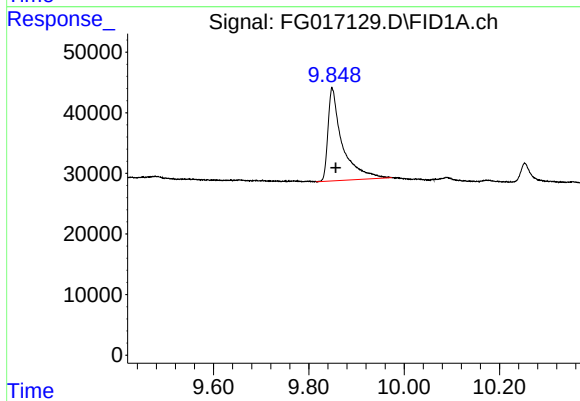
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.950 min
Delta R.T.: -0.025 min
Response: 1978625
Conc: 35.17 ug/ml



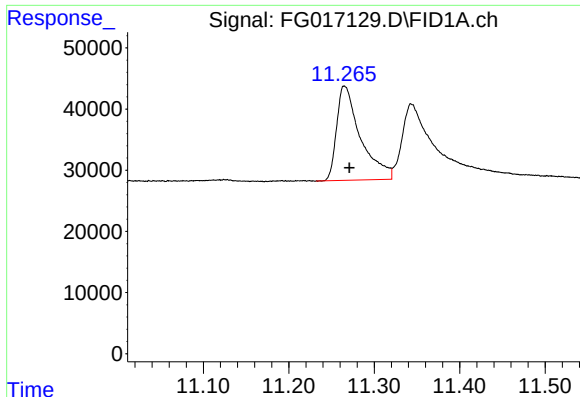
#7 Acenaphthene (C15.5)

R.T.: 9.045 min
Delta R.T.: -0.005 min
Response: 615321
Conc: 4.62 ug/ml



#8 Fluorene (C16.55)

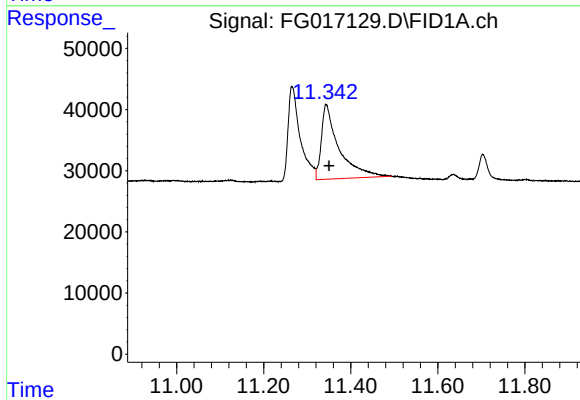
R.T.: 9.849 min
Delta R.T.: -0.007 min
Response: 318178
Conc: 2.71 ug/ml



#9 Phenanthrene (C19.36)

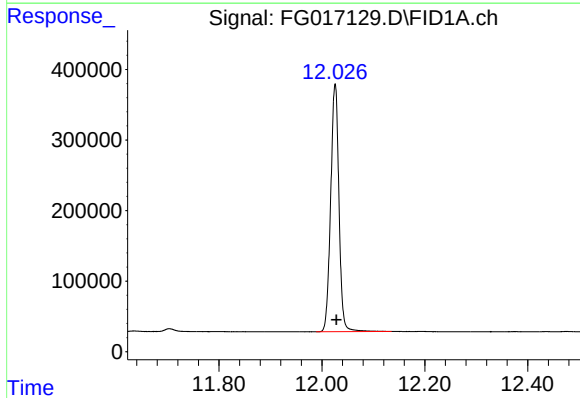
R.T.: 11.266 min
Delta R.T.: -0.005 min
Response: 298837
Conc: 2.61 ug/ml

Instrument :
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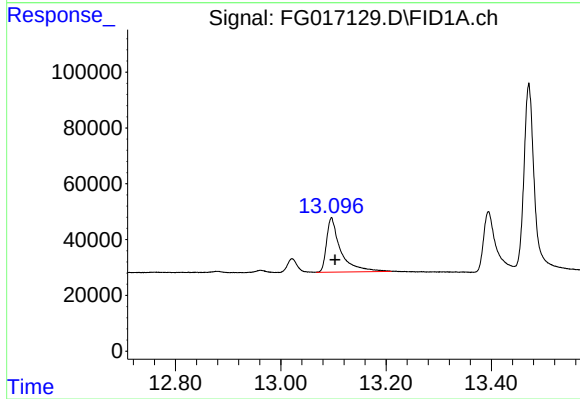
#10 Anthracene (C19.43)

R.T.: 11.344 min
Delta R.T.: -0.007 min
Response: 341855
Conc: 2.81 ug/ml



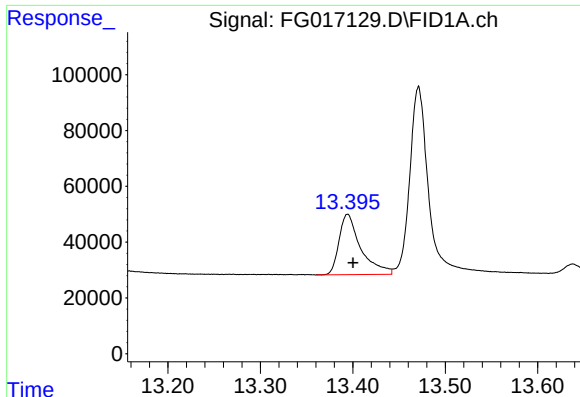
#11 ortho-Terphenyl (SURR)

R.T.: 12.026 min
Delta R.T.: -0.003 min
Response: 3913201
Conc: 27.49 ug/ml



#12 Fluoranthene (C21.85)

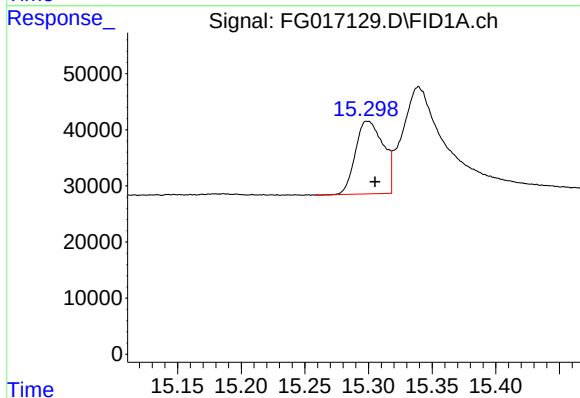
R.T.: 13.096 min
Delta R.T.: -0.007 min
Response: 361030
Conc: 2.86 ug/ml



#13 Pyrene (C20.8)

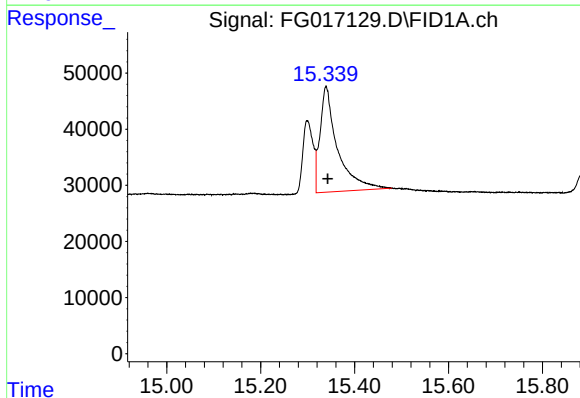
R.T.: 13.394 min
Delta R.T.: -0.006 min
Response: 353269
Conc: 2.74 ug/ml

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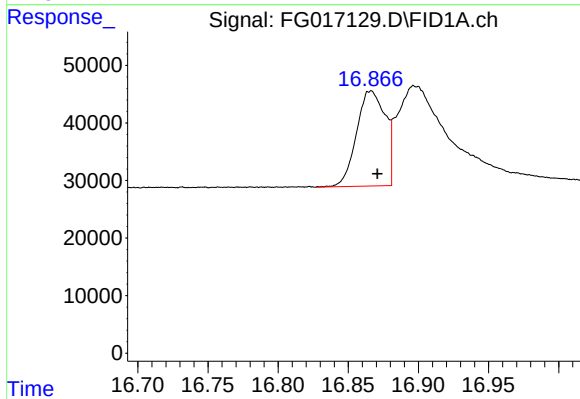
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.300 min
Delta R.T.: -0.005 min
Response: 197648
Conc: 2.18 ug/ml



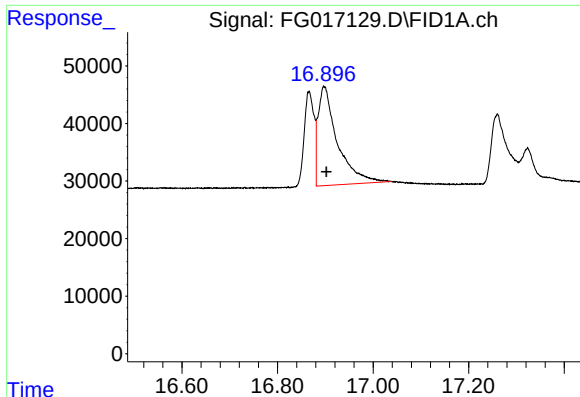
#15 Chrysene (C27.41)

R.T.: 15.339 min
Delta R.T.: -0.003 min
Response: 487535
Conc: 3.44 ug/ml



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

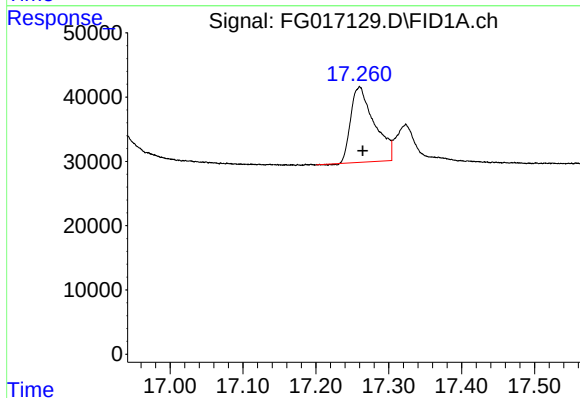
R.T.: 16.866 min
Delta R.T.: -0.004 min
Response: 235921
Conc: 2.39 ug/ml



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

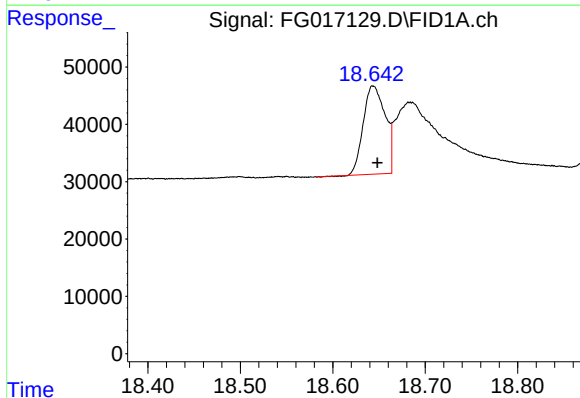
R.T.: 16.898 min
Delta R.T.: -0.005 min
Response: 481778
Conc: 3.68 ug/ml

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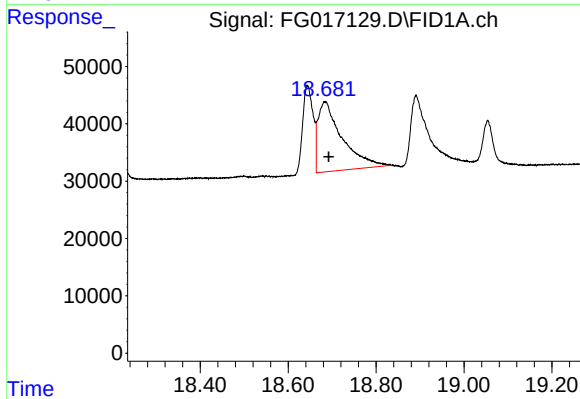
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.260 min
Delta R.T.: -0.005 min
Response: 261505
Conc: 2.63 ug/ml



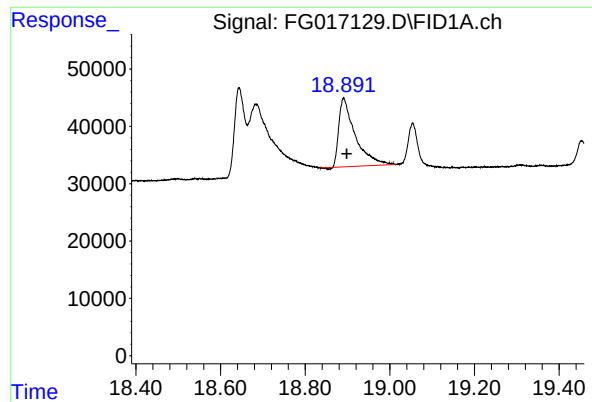
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.644 min
Delta R.T.: -0.004 min
Response: 253857
Conc: 2.87 ug/ml



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

R.T.: 18.684 min
Delta R.T.: -0.008 min
Response: 464648
Conc: 3.48 ug/ml



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

R.T.: 18.891 min
Delta R.T.: -0.007 min
Response: 321352
Conc: 2.79 ug/ml

Instrument :

FID_G

ClientSampleId :

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