

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120825AR\
 Data File : FG017128.D
 Signal(s) : FID1A.ch
 Acq On : 08 Dec 2025 14:51
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 35 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 09 00:56:11 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...	8.064	5735124	61.604 ug/ml
Spiked Amount 50.000		Recovery =	123.21%
6) S 2-Fluorobiphenyl (SURR)	8.947	3412263	60.660 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	121.32%
11) S ortho-Terphenyl (SURR)	12.027	5919831	41.584 ug/ml
Spiked Amount 50.000		Recovery =	83.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.650	422205	3.194 ug/ml
2) T Naphthalene (C11.7)	6.335	387543	3.168 ug/ml
3) T 2-Methylnaphthalene (...)	7.438	372920	3.294 ug/ml
5) T Acenaphthylene (C15.06)	8.745	461089	3.843 ug/ml
7) T Acenaphthene (C15.5)	9.044	675255	5.065 ug/ml
8) T Flouorene (C16.55)	9.844	425379	3.618 ug/ml
9) T Phenanthrene (C19.36)	11.261	392005	3.428 ug/ml
10) T Anthracene (C19.43)	11.339	439794	3.620 ug/ml
12) T Fluoranthene (C21.85)	13.092	462723	3.663 ug/ml
13) T Pyrene (C20.8)	13.392	454015	3.526 ug/ml
14) T Benzo[a]anthracene (C...	15.294	280149	3.092 ug/ml
15) T Chrysene (C27.41)	15.335	618747	4.364 ug/ml
16) T benzo[b]fluoranthene ...	16.862	320661	3.252 ug/ml
17) T Bnezo[k]fluoranthene ...	16.894	571321	4.359 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.253	344476	3.469 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.640	327283	3.698 ug/ml
20) T Dibenz[a,h]anthracene...	18.676	560493	4.200 ug/ml
21) T Benzo[g,h,i]perylene ...	18.887	445388	3.863 ug/ml

(f)=RT Delta > 1/2 Window

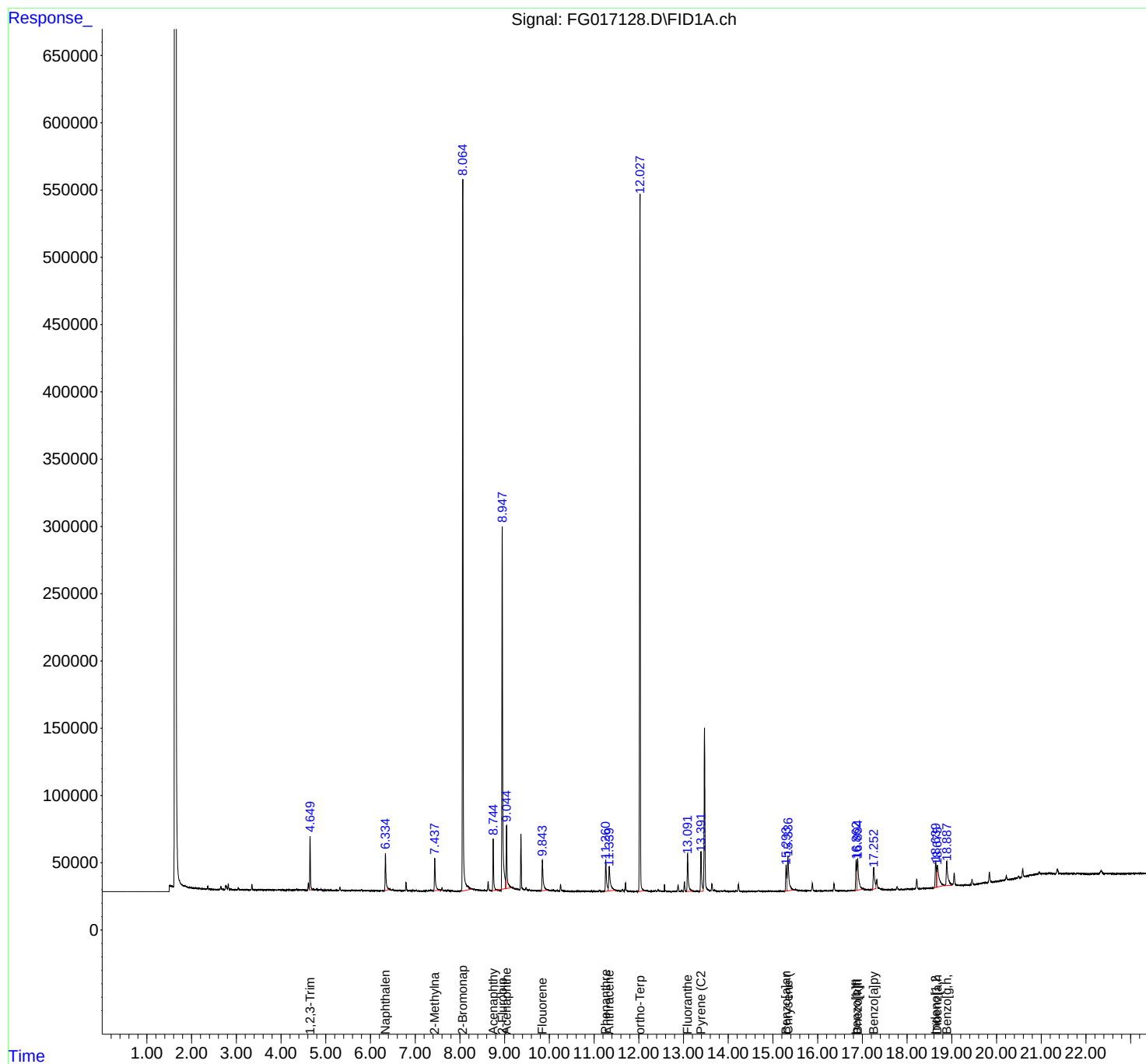
(m)=manual int.

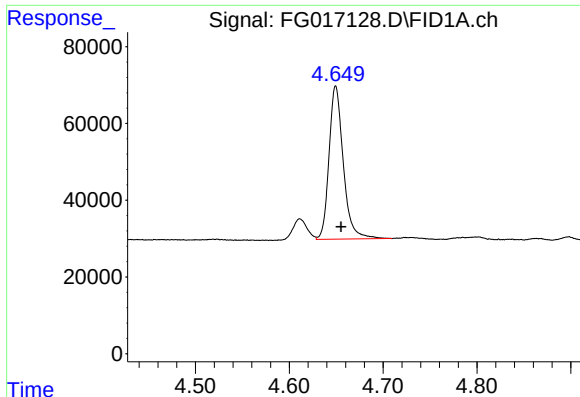
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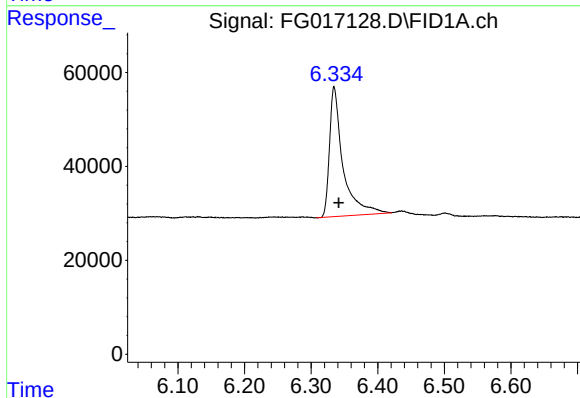




#1 1,2,3-Trimethylbenzene (C10.1)

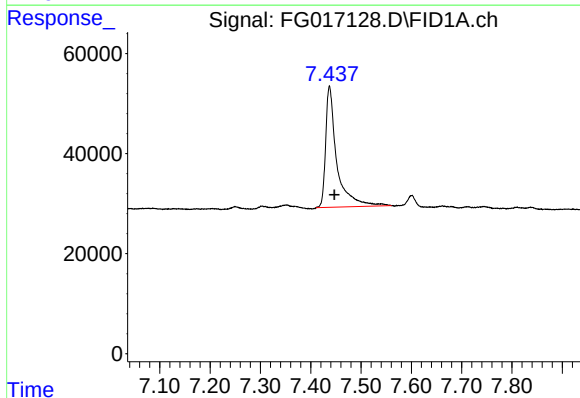
R.T.: 4.650 min
Delta R.T.: -0.005 min
Response: 422205
Conc: 3.19 ug/ml

Instrument :
FID_G
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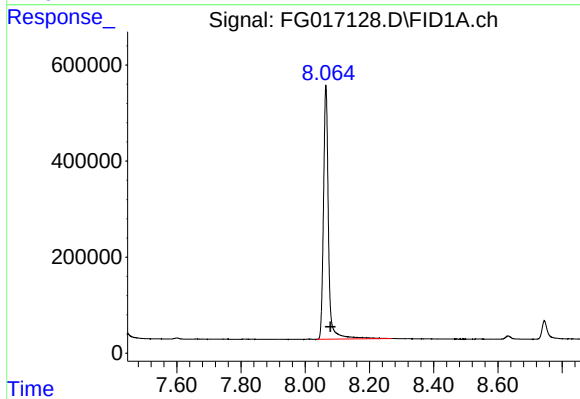
#2 Naphthalene (C11.7)

R.T.: 6.335 min
Delta R.T.: -0.007 min
Response: 387543
Conc: 3.17 ug/ml



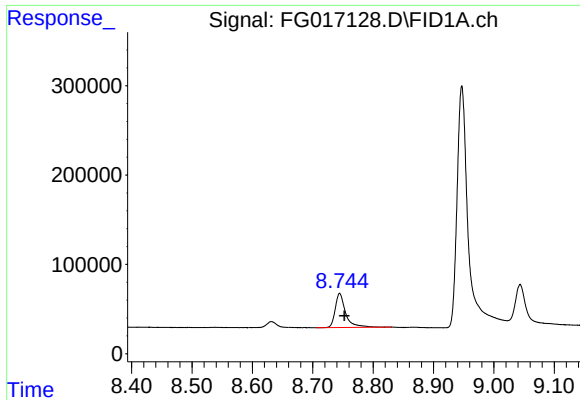
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.438 min
Delta R.T.: -0.010 min
Response: 372920
Conc: 3.29 ug/ml



#4 2-Bromonaphthalene (SURR)

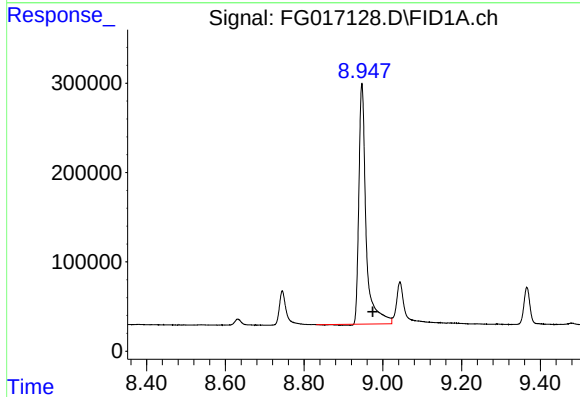
R.T.: 8.064 min
Delta R.T.: -0.014 min
Response: 5735124
Conc: 61.60 ug/ml



#5 Acenaphthylene (C15.06)

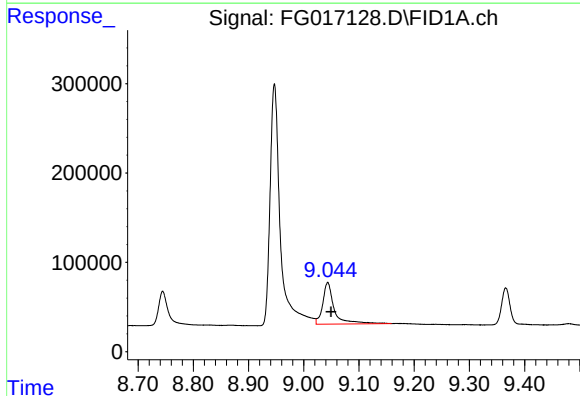
R.T.: 8.745 min
Delta R.T.: -0.008 min
Response: 461089
Conc: 3.84 ug/ml

Instrument :
FID_G
ClientSampleId :
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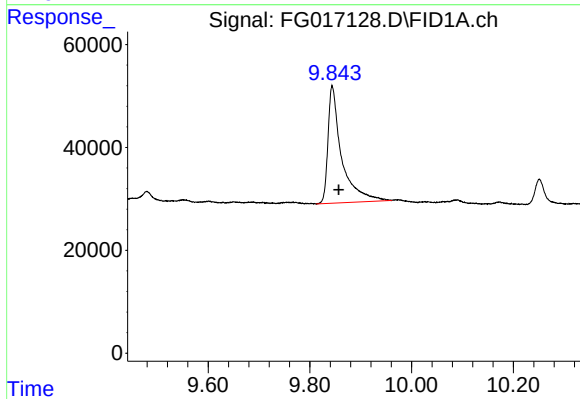
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.947 min
Delta R.T.: -0.027 min
Response: 3412263
Conc: 60.66 ug/ml



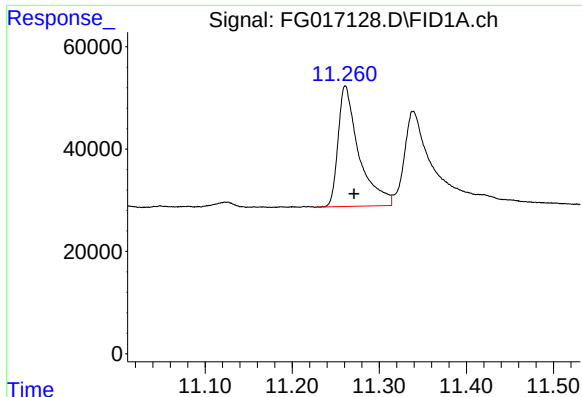
#7 Acenaphthene (C15.5)

R.T.: 9.044 min
Delta R.T.: -0.006 min
Response: 675255
Conc: 5.07 ug/ml



#8 Fluorene (C16.55)

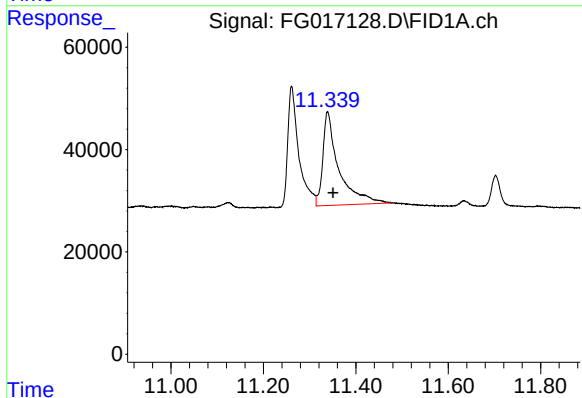
R.T.: 9.844 min
Delta R.T.: -0.012 min
Response: 425379
Conc: 3.62 ug/ml



#9 Phenanthrene (C19.36)

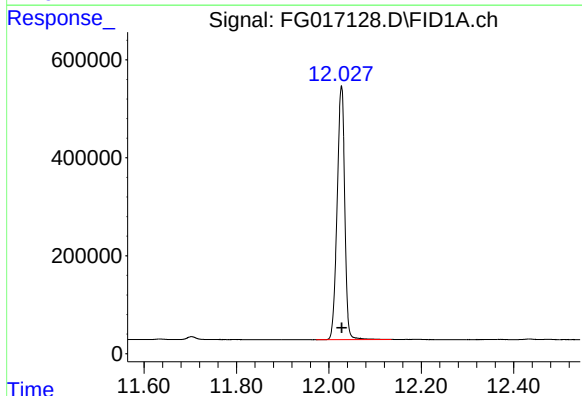
R.T.: 11.261 min
Delta R.T.: -0.010 min
Response: 392005
Conc: 3.43 ug/ml

Instrument :
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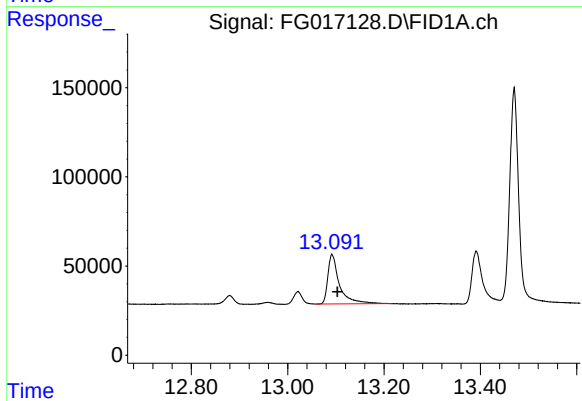
#10 Anthracene (C19.43)

R.T.: 11.339 min
Delta R.T.: -0.011 min
Response: 439794
Conc: 3.62 ug/ml



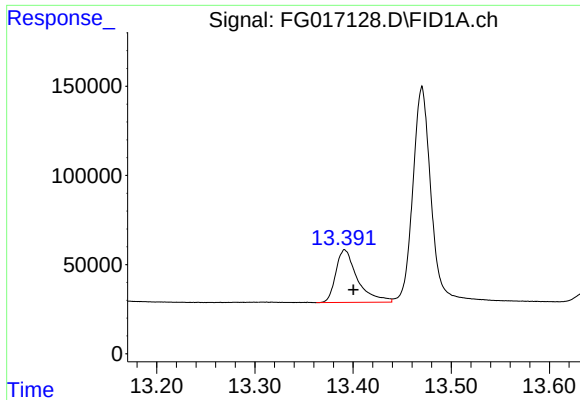
#11 ortho-Terphenyl (SURR)

R.T.: 12.027 min
Delta R.T.: -0.001 min
Response: 5919831
Conc: 41.58 ug/ml



#12 Fluoranthene (C21.85)

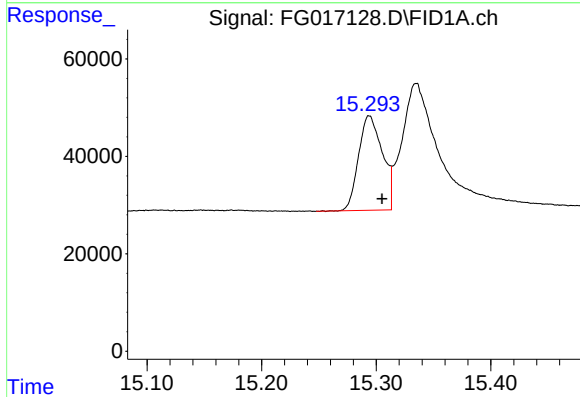
R.T.: 13.092 min
Delta R.T.: -0.011 min
Response: 462723
Conc: 3.66 ug/ml



#13 Pyrene (C20.8)

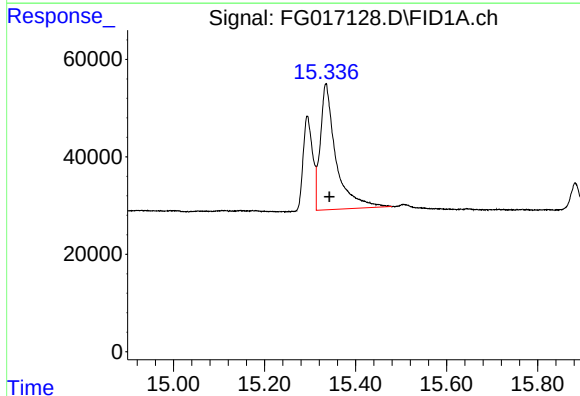
R.T.: 13.392 min
Delta R.T.: -0.009 min
Response: 454015
Conc: 3.53 ug/ml

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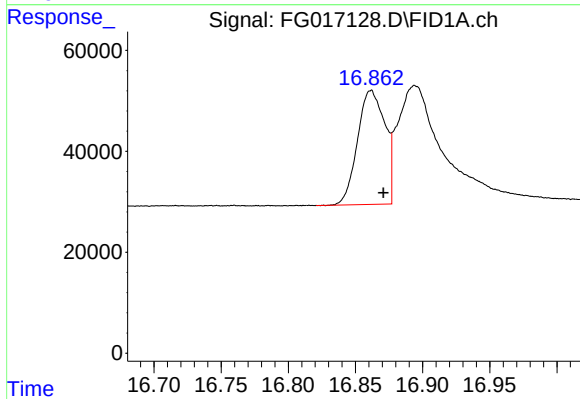
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.294 min
Delta R.T.: -0.011 min
Response: 280149
Conc: 3.09 ug/ml



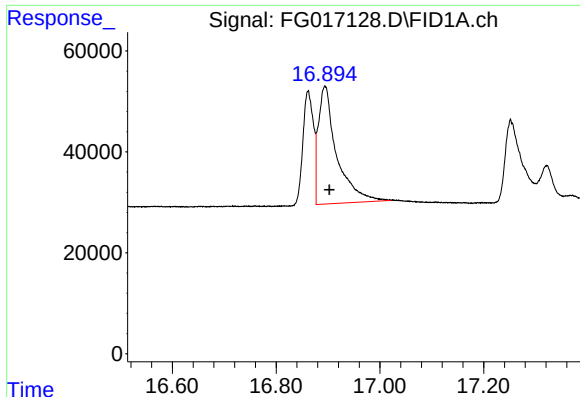
#15 Chrysene (C27.41)

R.T.: 15.335 min
Delta R.T.: -0.008 min
Response: 618747
Conc: 4.36 ug/ml



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

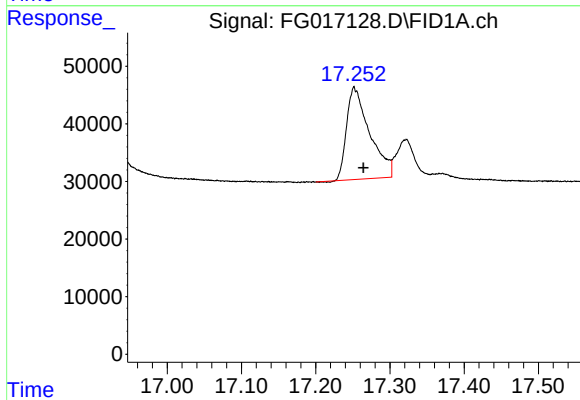
R.T.: 16.862 min
Delta R.T.: -0.009 min
Response: 320661
Conc: 3.25 ug/ml



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

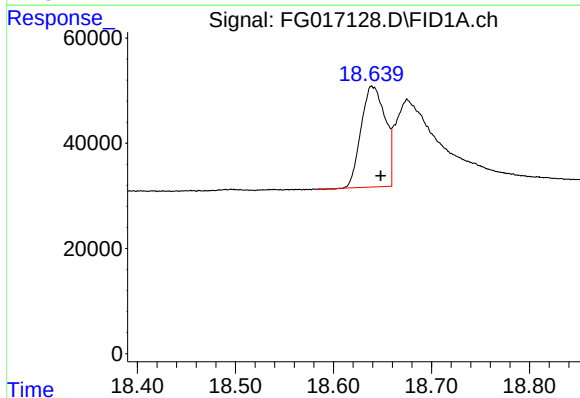
R.T.: 16.894 min
Delta R.T.: -0.008 min
Response: 571321
Conc: 4.36 ug/ml

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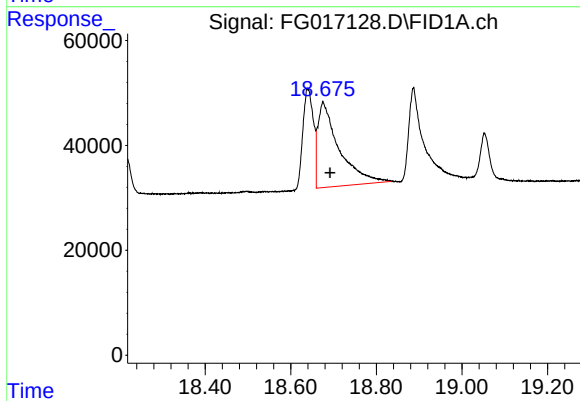
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.253 min
Delta R.T.: -0.012 min
Response: 344476
Conc: 3.47 ug/ml



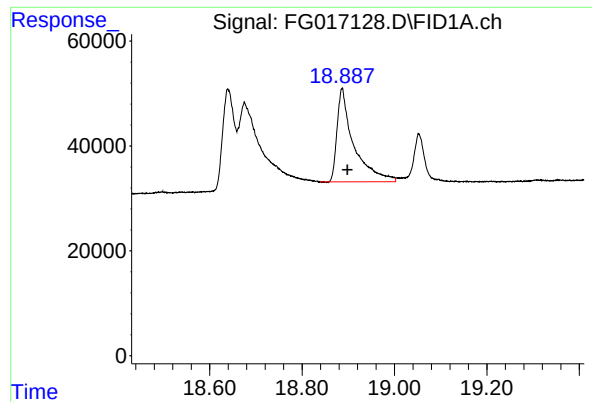
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.640 min
Delta R.T.: -0.008 min
Response: 327283
Conc: 3.70 ug/ml



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

R.T.: 18.676 min
Delta R.T.: -0.016 min
Response: 560493
Conc: 4.20 ug/ml



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

R.T.: 18.887 min
Delta R.T.: -0.012 min
Response: 445388
Conc: 3.86 ug/ml

Instrument :

FID_G

ClientSampleId :

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