

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120825AR\
 Data File : FG017132.D
 Signal(s) : FID1A.ch
 Acq On : 08 Dec 2025 17:21
 Operator : YP\AJ
 Sample : Q3530-08
 Misc : 5PPM WATER LOQ
 ALS Vial : 39 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 09 00:58:04 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	3532654	37.946 ug/ml
Spiked Amount 50.000		Recovery =	75.89%
6) S 2-Fluorobiphenyl (SURR)	8.948	2012897	35.783 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.57%
11) S ortho-Terphenyl (SURR)	12.025	3967011	27.867 ug/ml
Spiked Amount 50.000		Recovery =	55.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.651	365520	2.765 ug/ml
2) T Naphthalene (C11.7)	6.338	295670	2.417 ug/ml
3) T 2-Methylnaphthalene (...)	7.440	276869	2.445 ug/ml
5) T Acenaphthylene (C15.06)	8.746	380797	3.174 ug/ml
7) T Acenaphthene (C15.5)	9.044	750960	5.633 ug/ml
8) T Flouorene (C16.55)	9.849	345216	2.936 ug/ml
9) T Phenanthrene (C19.36)	11.265	303613	2.655 ug/ml
10) T Anthracene (C19.43)	11.344	374815	3.085 ug/ml
12) T Fluoranthene (C21.85)	13.096	371496	2.941 ug/ml
13) T Pyrene (C20.8)	13.394	354982	2.757 ug/ml
14) T Benzo[a]anthracene (C...	15.300	182719	2.017 ug/ml
15) T Chrysene (C27.41)	15.340	515213	3.633 ug/ml
16) T benzo[b]fluoranthene ...	16.866	236144	2.395 ug/ml
17) T Bnezo[k]fluoranthene ...	16.897	503225	3.839 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.260	270531	2.725 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.644	258181	2.917 ug/ml
20) T Dibenz[a,h]anthracene...	18.685	528537	3.960 ug/ml
21) T Benzo[g,h,i]perylene ...	18.892	420569	3.648 ug/ml

(f)=RT Delta > 1/2 Window

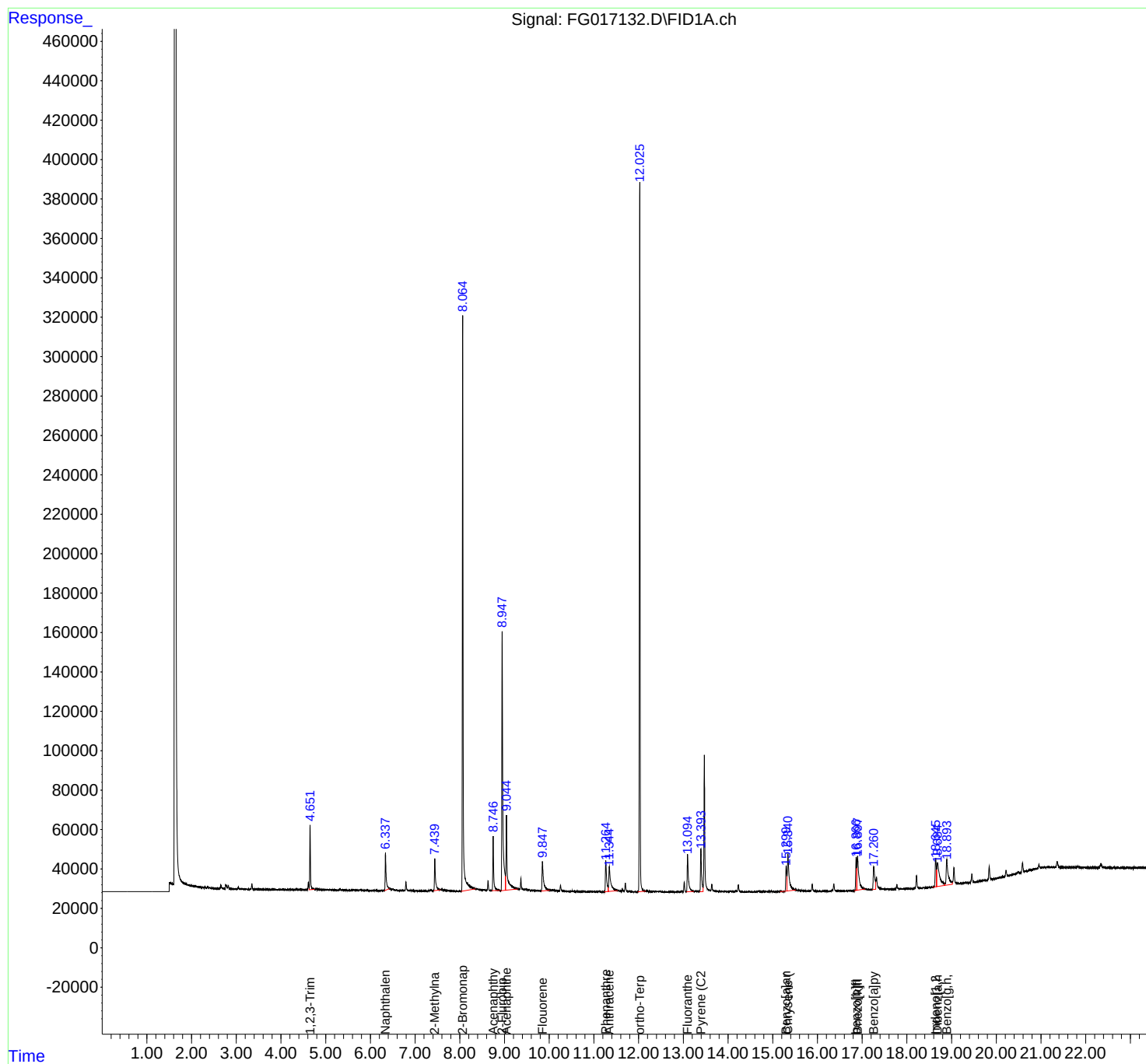
(m)=manual int.

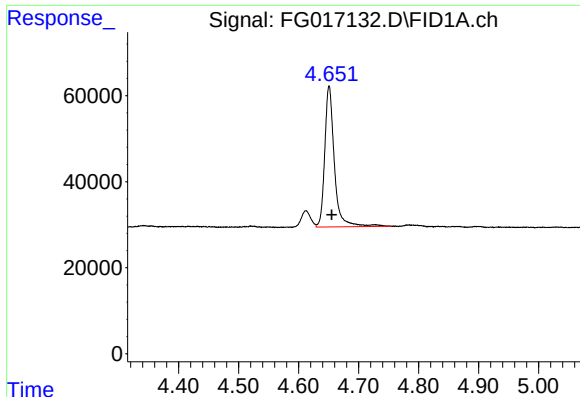
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120825AR\
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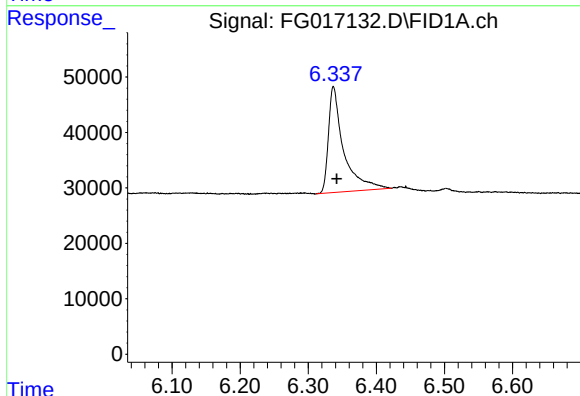




#1 1,2,3-Trimethylbenzene (C10.1)

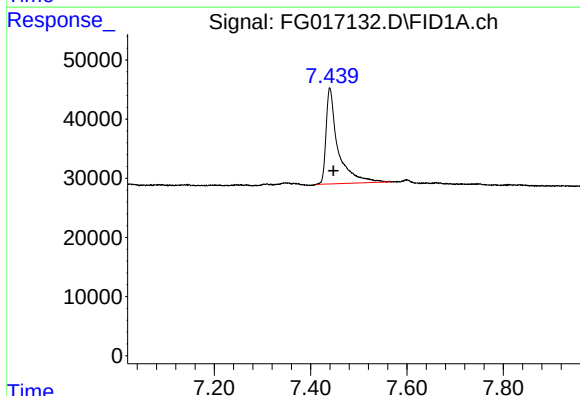
R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 365520
Conc: 2.76 ug/ml

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



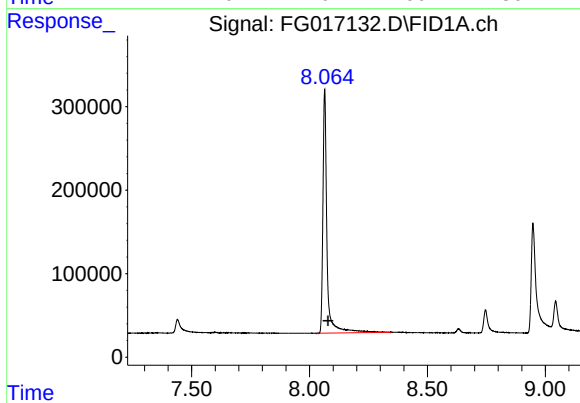
#2 Naphthalene (C11.7)

R.T.: 6.338 min
Delta R.T.: -0.004 min
Response: 295670
Conc: 2.42 ug/ml



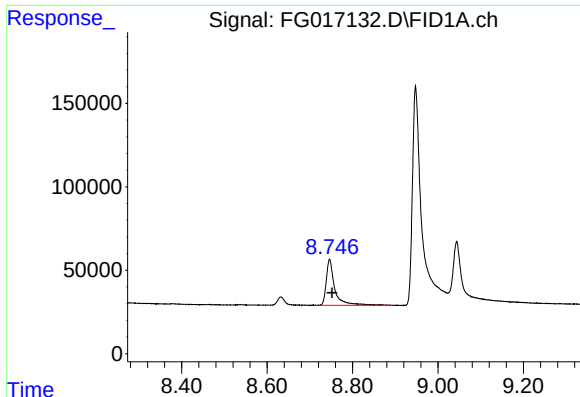
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.440 min
Delta R.T.: -0.007 min
Response: 276869
Conc: 2.45 ug/ml



#4 2-Bromonaphthalene (SURR)

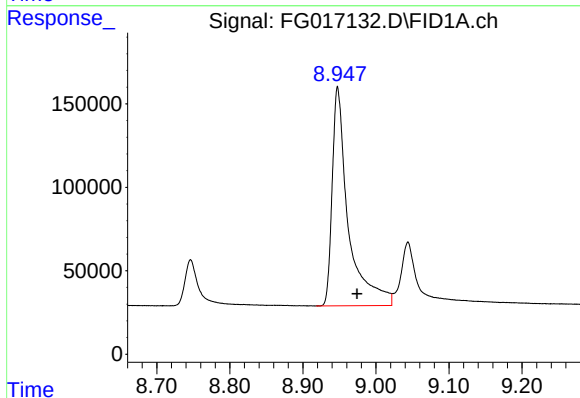
R.T.: 8.064 min
Delta R.T.: -0.014 min
Response: 3532654
Conc: 37.95 ug/ml



#5 Acenaphthylene (C15.06)

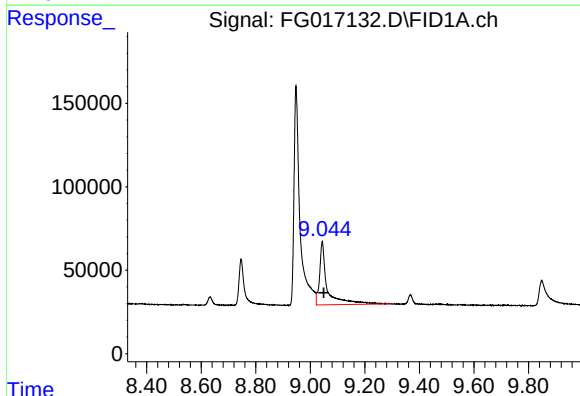
R.T.: 8.746 min
Delta R.T.: -0.006 min
Response: 380797
Conc: 3.17 ug/ml

Instrument :
FID_G
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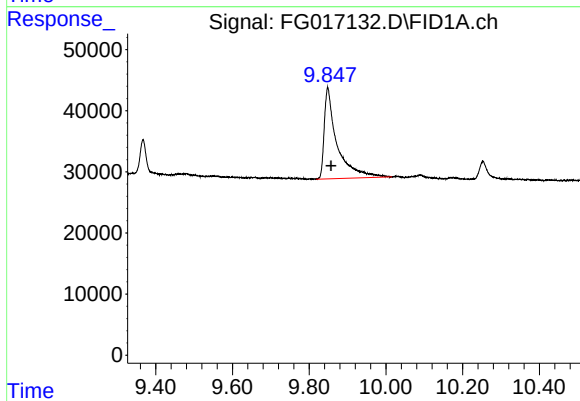
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.948 min
Delta R.T.: -0.026 min
Response: 2012897
Conc: 35.78 ug/ml



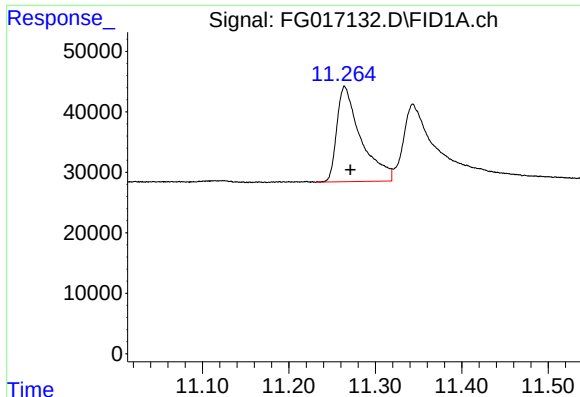
#7 Acenaphthene (C15.5)

R.T.: 9.044 min
Delta R.T.: -0.006 min
Response: 750960
Conc: 5.63 ug/ml



#8 Fluorene (C16.55)

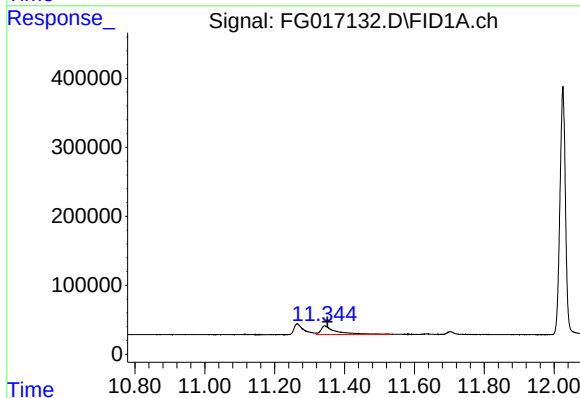
R.T.: 9.849 min
Delta R.T.: -0.008 min
Response: 345216
Conc: 2.94 ug/ml



#9 Phenanthrene (C19.36)

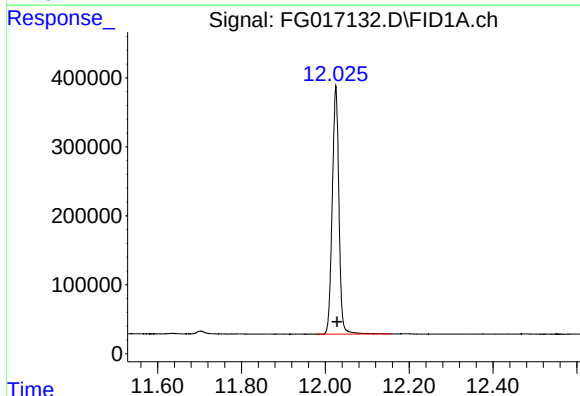
R.T.: 11.265 min
Delta R.T.: -0.006 min
Response: 303613
Conc: 2.65 ug/ml

Instrument :
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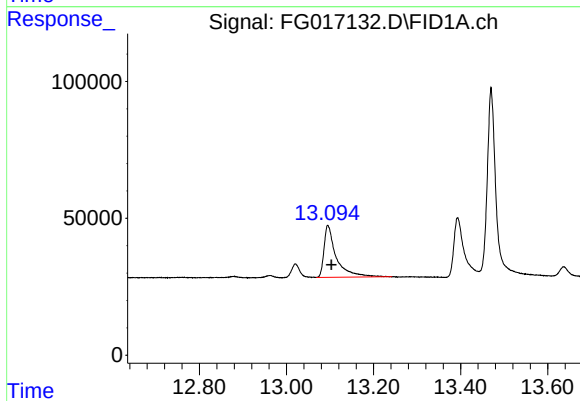
#10 Anthracene (C19.43)

R.T.: 11.344 min
Delta R.T.: -0.007 min
Response: 374815
Conc: 3.08 ug/ml



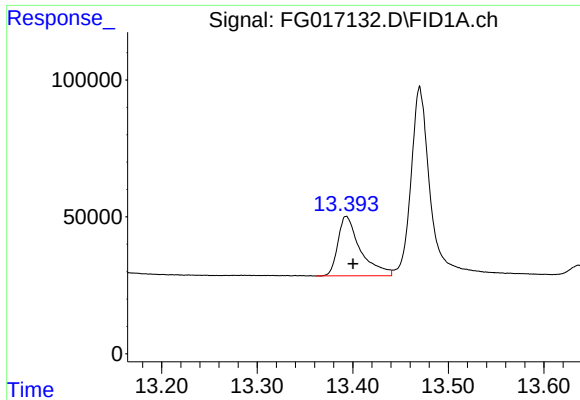
#11 ortho-Terphenyl (SURR)

R.T.: 12.025 min
Delta R.T.: -0.003 min
Response: 3967011
Conc: 27.87 ug/ml



#12 Fluoranthene (C21.85)

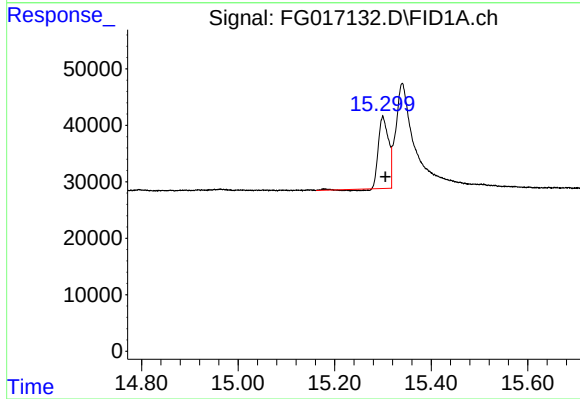
R.T.: 13.096 min
Delta R.T.: -0.008 min
Response: 371496
Conc: 2.94 ug/ml



#13 Pyrene (C20.8)

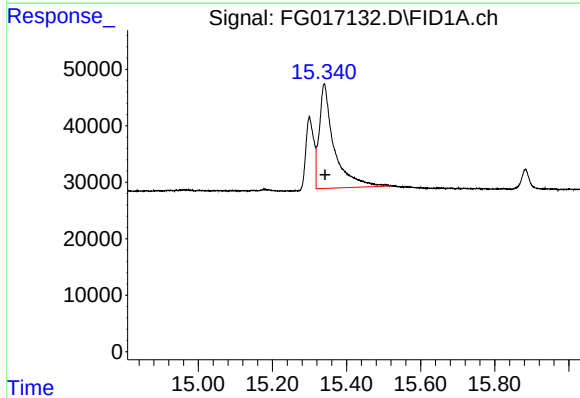
R.T.: 13.394 min
Delta R.T.: -0.007 min
Response: 354982
Conc: 2.76 ug/ml

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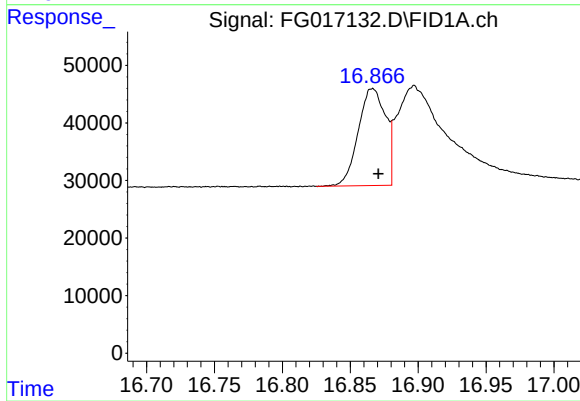
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.300 min
Delta R.T.: -0.005 min
Response: 182719
Conc: 2.02 ug/ml



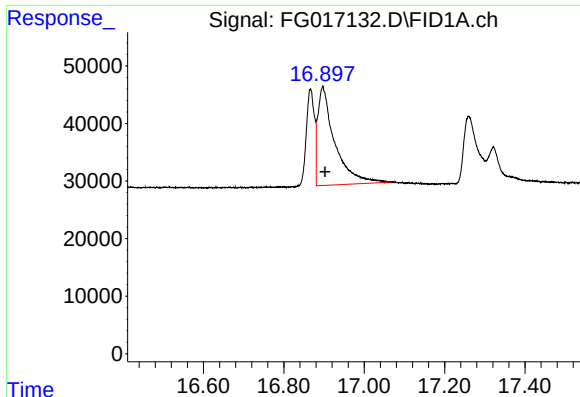
#15 Chrysene (C27.41)

R.T.: 15.340 min
Delta R.T.: -0.003 min
Response: 515213
Conc: 3.63 ug/ml



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

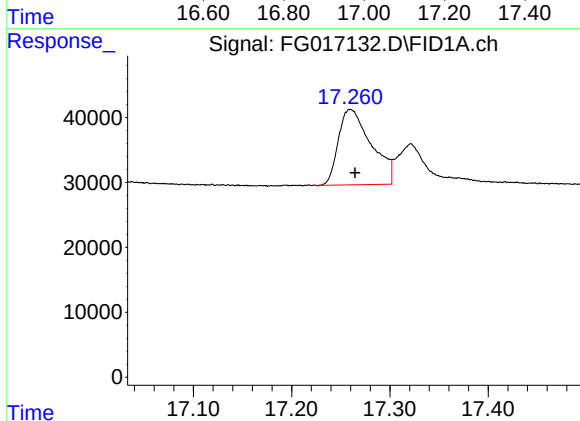
R.T.: 16.866 min
Delta R.T.: -0.004 min
Response: 236144
Conc: 2.40 ug/ml



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

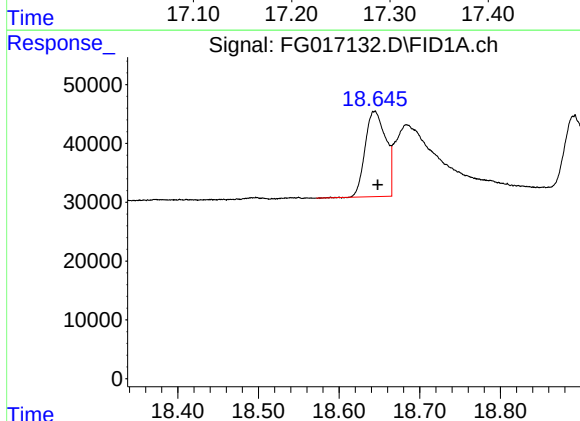
R.T.: 16.897 min
Delta R.T.: -0.005 min
Response: 503225
Conc: 3.84 ug/ml

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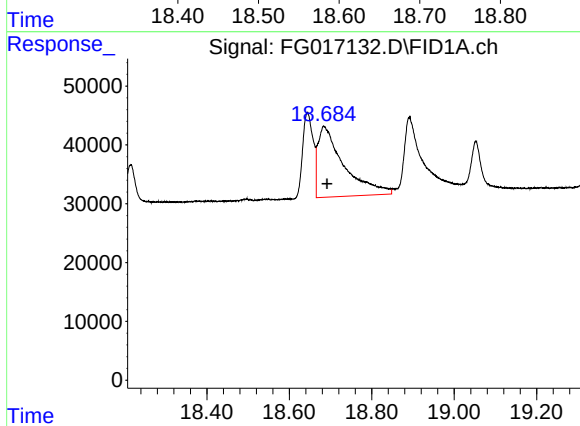
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.260 min
Delta R.T.: -0.005 min
Response: 270531
Conc: 2.72 ug/ml



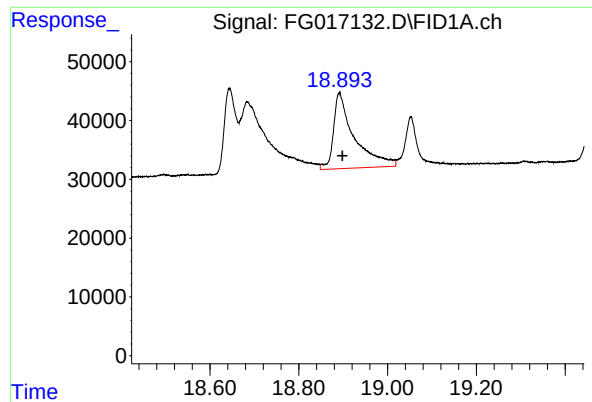
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.644 min
Delta R.T.: -0.004 min
Response: 258181
Conc: 2.92 ug/ml



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

R.T.: 18.685 min
Delta R.T.: -0.007 min
Response: 528537
Conc: 3.96 ug/ml



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

R.T.: 18.892 min
Delta R.T.: -0.007 min
Response: 420569
Conc: 3.65 ug/ml

Instrument :
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ClientSampleId :
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