

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AR\
 Data File : FG017118.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2025 03:39
 Operator : YP\AJ
 Sample : Q3530-02
 Misc : LOD-LOQ-SOIL-0.5 ML-QT4-2025
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 06 05:18:37 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...	8.067	5885529	63.219 ug/ml
Spiked Amount 50.000		Recovery =	126.44%
6) S 2-Fluorobiphenyl (SURR)	8.950	3626927	64.476 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	128.95%
11) S ortho-Terphenyl (SURR)	12.030	6374162	44.776 ug/ml
Spiked Amount 50.000		Recovery =	89.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.652	570456	4.315 ug/ml
2) T Naphthalene (C11.7)	6.337	540881	4.422 ug/ml
3) T 2-Methylnaphthalene (...)	7.440	512635	4.528 ug/ml
5) T Acenaphthylene (C15.06)	8.747	634637	5.290 ug/ml
7) T Acenaphthene (C15.5)	9.046	967984	7.261 ug/ml
8) T Flouorene (C16.55)	9.846	578667	4.922 ug/ml
9) T Phenanthrene (C19.36)	11.263	542010	4.739 ug/ml
10) T Anthracene (C19.43)	11.340	609284	5.015 ug/ml
12) T Fluoranthene (C21.85)	13.095	635627	5.032 ug/ml
13) T Pyrene (C20.8)	13.394	620038	4.816 ug/ml
14) T Benzo[a]anthracene (C...	15.294	415013	4.581 ug/ml
15) T Chrysene (C27.41)	15.336	801776	5.654 ug/ml
16) T benzo[b]fluoranthene ...	16.862	432637	4.388 ug/ml
17) T Bnezo[k]fluoranthene ...	16.895	759084	5.791 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.253	497575	5.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.640	401240	4.533 ug/ml
20) T Dibenz[a,h]anthracene...	18.677	766191	5.741 ug/ml
21) T Benzo[g,h,i]perylene ...	18.888	586920	5.090 ug/ml

(f)=RT Delta > 1/2 Window

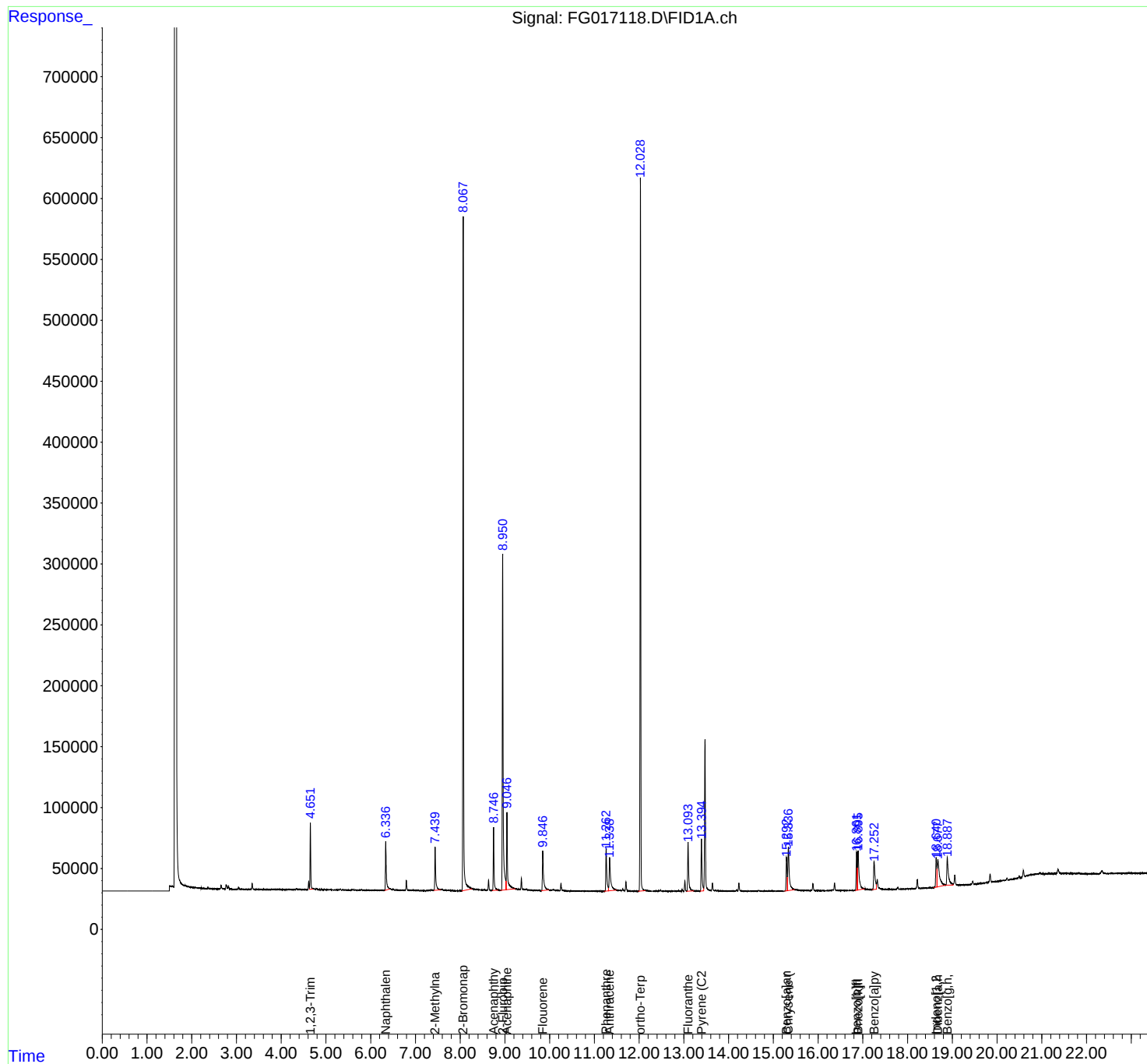
(m)=manual int.

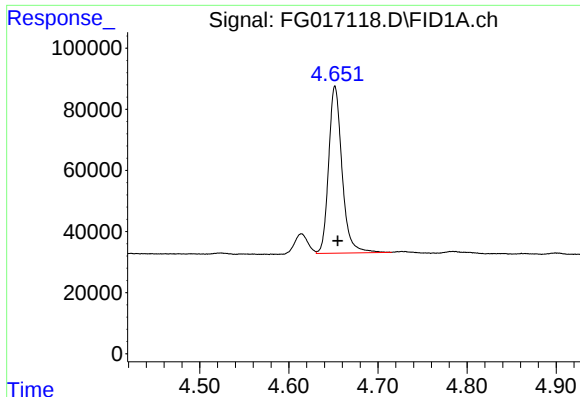
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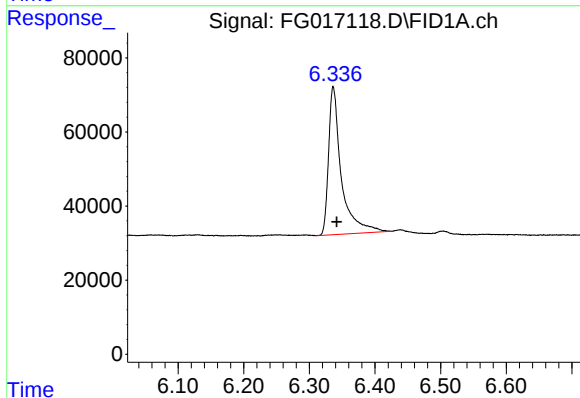




#1 1,2,3-Trimethylbenzene (C10.1)

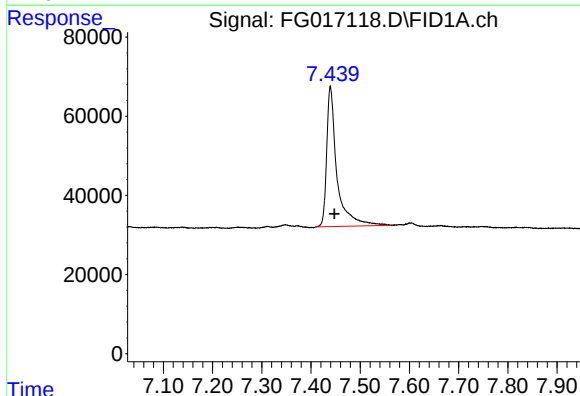
R.T.: 4.652 min
Delta R.T.: -0.003 min
Response: 570456
Conc: 4.31 ug/ml

Instrument :
FID_E
ClientSampleId :



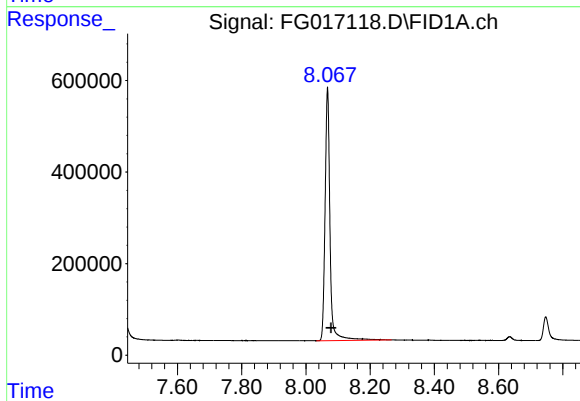
#2 Naphthalene (C11.7)

R.T.: 6.337 min
Delta R.T.: -0.005 min
Response: 540881
Conc: 4.42 ug/ml



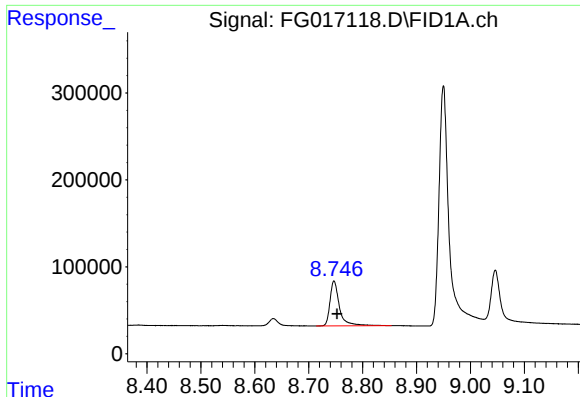
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.440 min
Delta R.T.: -0.008 min
Response: 512635
Conc: 4.53 ug/ml



#4 2-Bromonaphthalene (SURR)

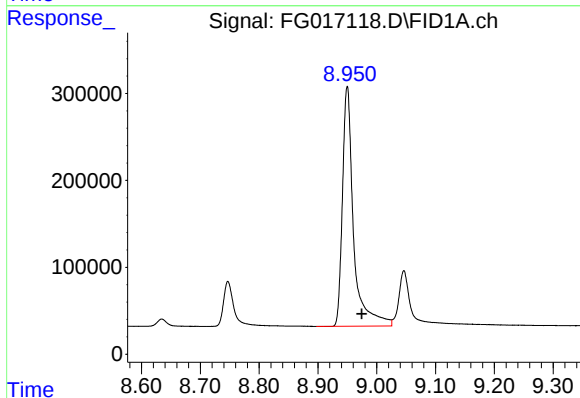
R.T.: 8.067 min
Delta R.T.: -0.011 min
Response: 5885529
Conc: 63.22 ug/ml



#5 Acenaphthylene (C15.06)

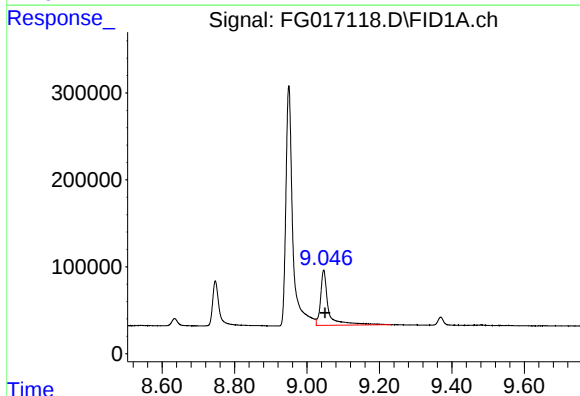
R.T.: 8.747 min
Delta R.T.: -0.005 min
Response: 634637
Conc: 5.29 ug/ml

Instrument :
FID_E
ClientSampleId :



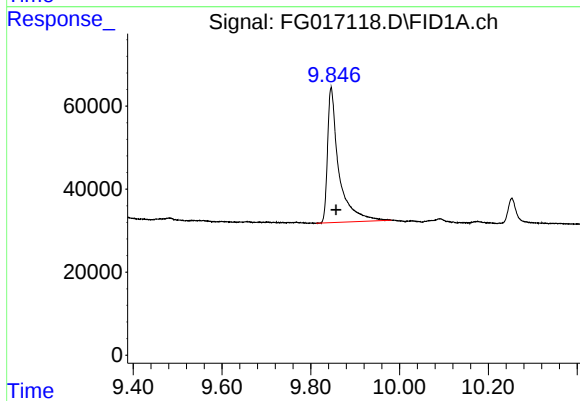
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.950 min
Delta R.T.: -0.025 min
Response: 3626927
Conc: 64.48 ug/ml



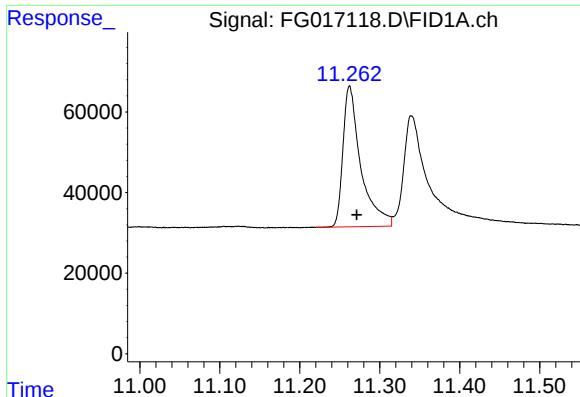
#7 Acenaphthene (C15.5)

R.T.: 9.046 min
Delta R.T.: -0.003 min
Response: 967984
Conc: 7.26 ug/ml



#8 Fluorene (C16.55)

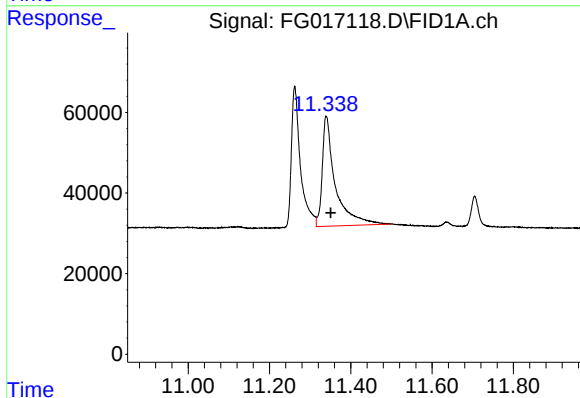
R.T.: 9.846 min
Delta R.T.: -0.010 min
Response: 578667
Conc: 4.92 ug/ml



#9 Phenanthrene (C19.36)

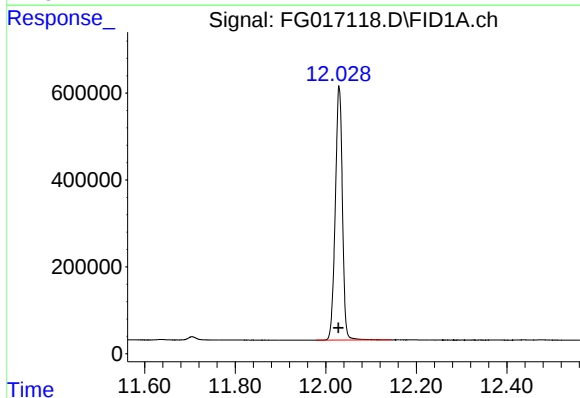
R.T.: 11.263 min
Delta R.T.: -0.009 min
Response: 542010
Conc: 4.74 ug/ml

Instrument :
FID_E
ClientSampleId :



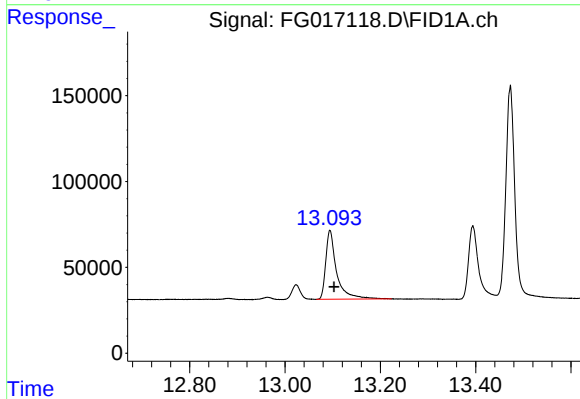
#10 Anthracene (C19.43)

R.T.: 11.340 min
Delta R.T.: -0.011 min
Response: 609284
Conc: 5.01 ug/ml



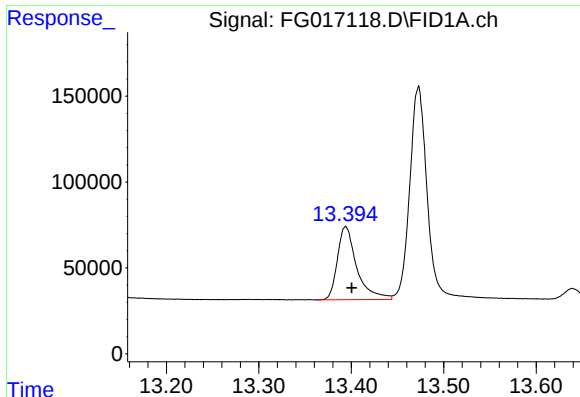
#11 ortho-Terphenyl (SURR)

R.T.: 12.030 min
Delta R.T.: 0.001 min
Response: 6374162
Conc: 44.78 ug/ml



#12 Fluoranthene (C21.85)

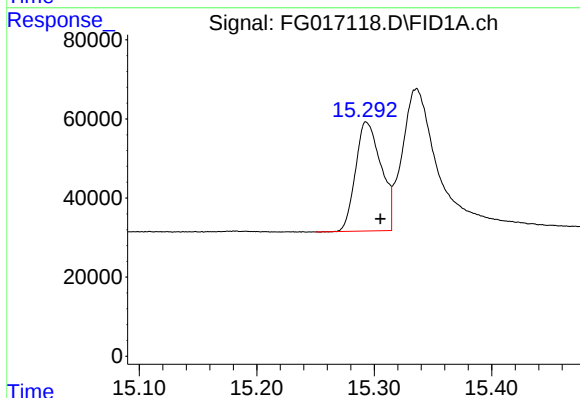
R.T.: 13.095 min
Delta R.T.: -0.009 min
Response: 635627
Conc: 5.03 ug/ml



#13 Pyrene (C20.8)

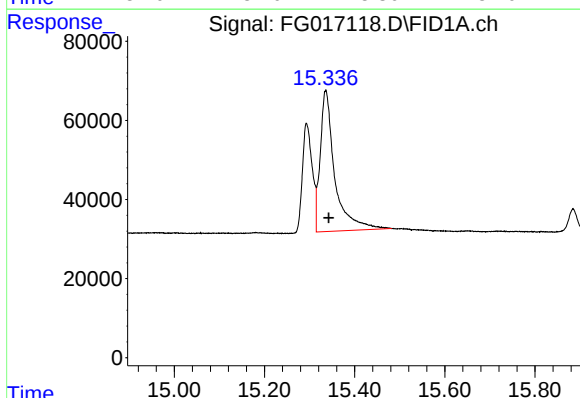
R.T.: 13.394 min
Delta R.T.: -0.006 min
Response: 620038
Conc: 4.82 ug/ml

Instrument :
FID_E
ClientSampleId :



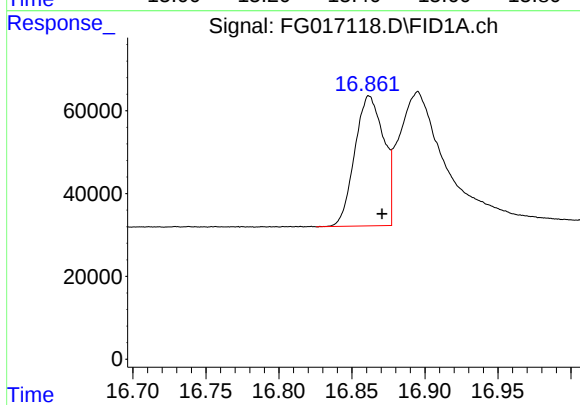
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.294 min
Delta R.T.: -0.011 min
Response: 415013
Conc: 4.58 ug/ml



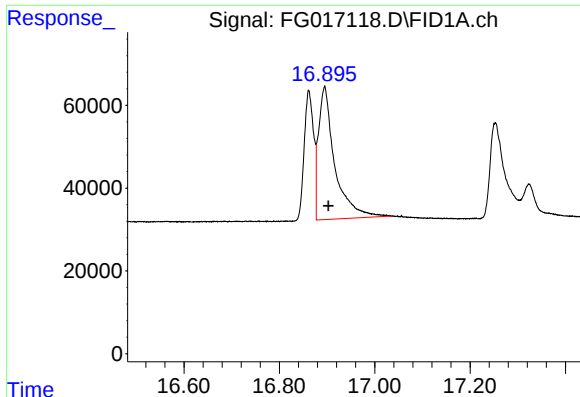
#15 Chrysene (C27.41)

R.T.: 15.336 min
Delta R.T.: -0.007 min
Response: 801776
Conc: 5.65 ug/ml



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

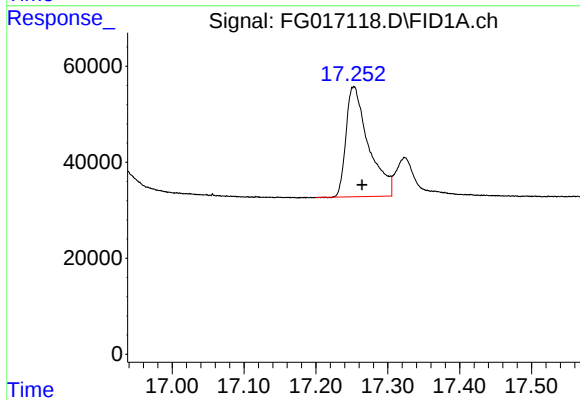
R.T.: 16.862 min
Delta R.T.: -0.009 min
Response: 432637
Conc: 4.39 ug/ml



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

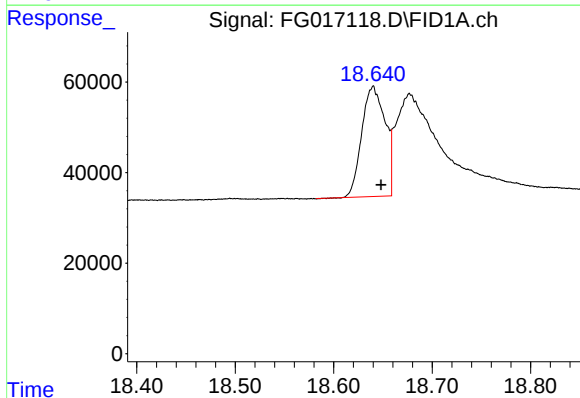
R.T.: 16.895 min
Delta R.T.: -0.008 min
Response: 759084
Conc: 5.79 ug/ml

Instrument :
FID_E
ClientSampleId :



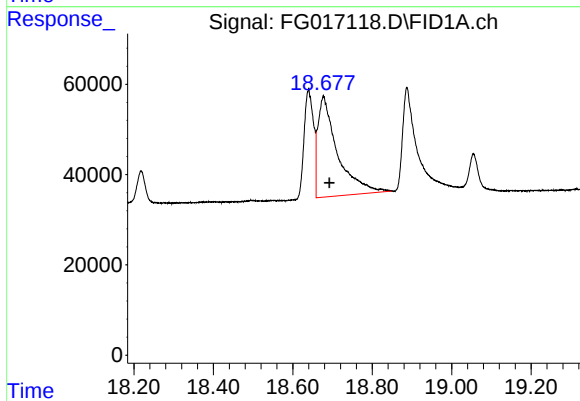
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.253 min
Delta R.T.: -0.012 min
Response: 497575
Conc: 5.01 ug/ml



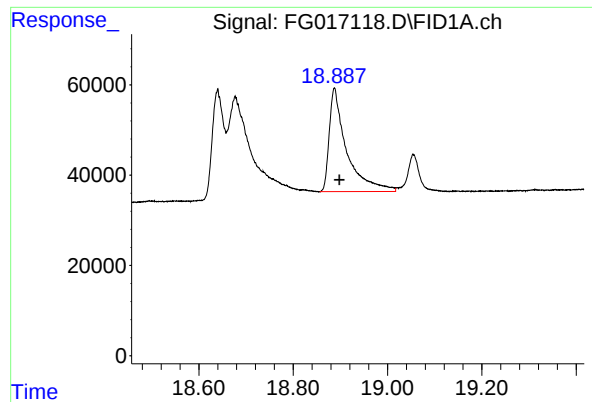
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.640 min
Delta R.T.: -0.008 min
Response: 401240
Conc: 4.53 ug/ml



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

R.T.: 18.677 min
Delta R.T.: -0.015 min
Response: 766191
Conc: 5.74 ug/ml



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

R.T.: 18.888 min
Delta R.T.: -0.011 min
Response: 586920
Conc: 5.09 ug/ml

Instrument :

FID_E

ClientSampleId :