

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AR\
 Data File : FG0616118.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2025 09:52
 Operator : YP\AJ
 Sample : Q2126-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 18 03:12:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:28:14 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...	8.129	6551729	58.060 ug/ml
Spiked Amount 50.000		Recovery =	116.12%
6) S 2-Fluorobiphenyl (SURR)	9.010	4501885	57.696 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	115.39%
11) S ortho-Terphenyl (SURR)	12.095	6646659	49.902 ug/ml
Spiked Amount 50.000		Recovery =	99.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.716	296542	2.420 ug/ml
2) T Naphthalene (C11.7)	6.394	343938	2.652 ug/ml
3) T 2-Methylnaphthalene (...)	7.495	327080	2.476 ug/ml
5) T Acenaphthylene (C15.06)	8.805	351329	2.685 ug/ml
7) T Acenaphthene (C15.5)	9.107	361627	2.775 ug/ml
8) T Fluorene (C16.55)	9.899	371525	2.847 ug/ml
9) T Phenanthrene (C19.36)	11.315	359581	2.756 ug/ml
10) T Anthracene (C19.43)	11.389	367533	2.813 ug/ml
12) T Fluoranthene (C21.85)	13.146	381364	2.908 ug/ml
13) T Pyrene (C20.8)	13.447	377936	2.910 ug/ml
14) T Benzo[a]anthracene (C...	15.335	391969	3.062 ug/ml
15) T Chrysene (C27.41)	15.377	435441	3.375 ug/ml
16) T benzo[b]fluoranthene ...	16.899	388701	3.035 ug/ml
17) T Bnezo[k]fluoranthene ...	16.930	388409	3.233 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.281	369820	2.968 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.655	373442	3.247 ug/ml
20) T Dibenz[a,h]anthracene...	18.697	438758	3.633 ug/ml
21) T Benzo[g,h,i]perylene ...	18.910	358183	2.999 ug/ml

(f)=RT Delta > 1/2 Window

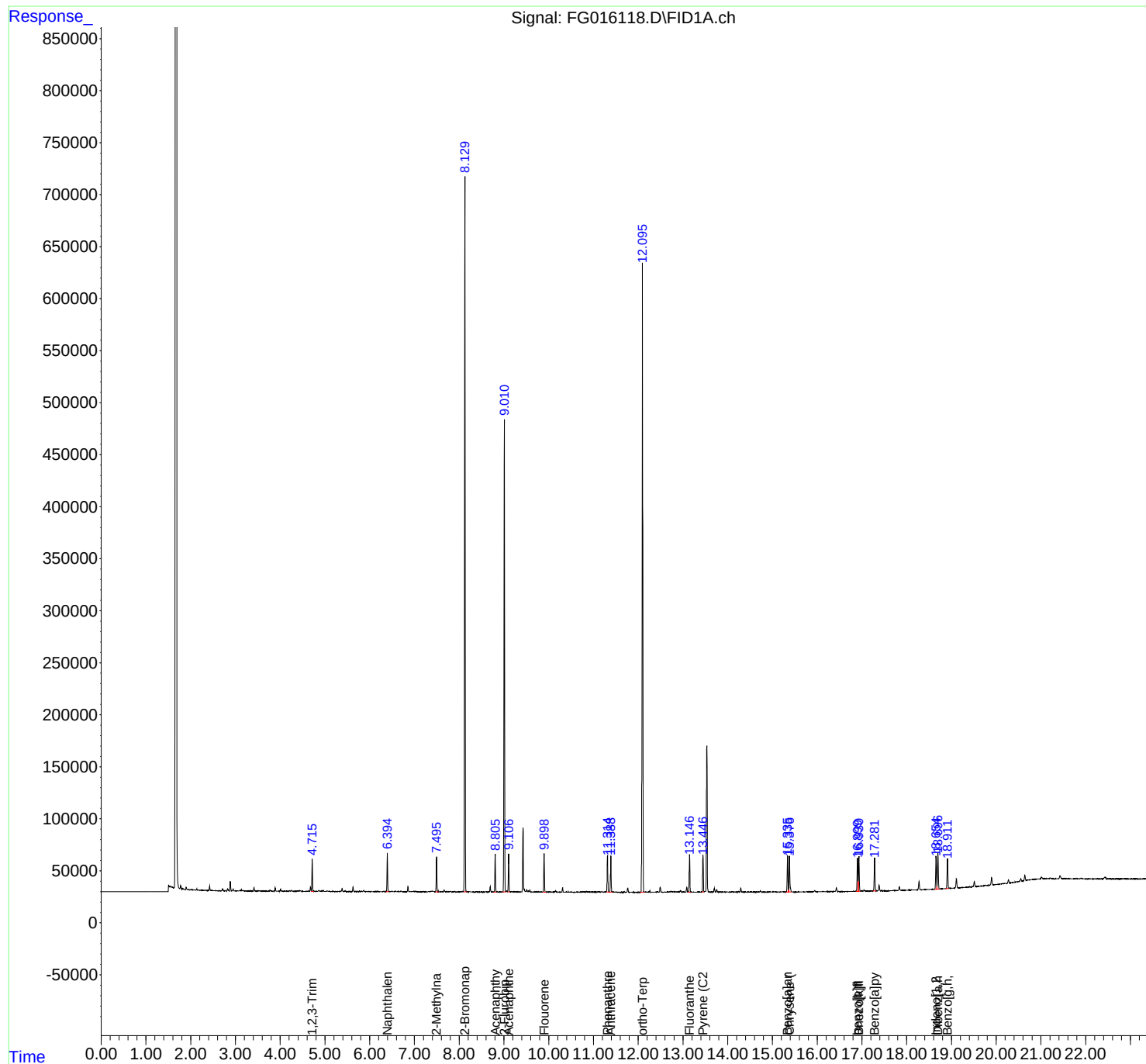
(m)=manual int.

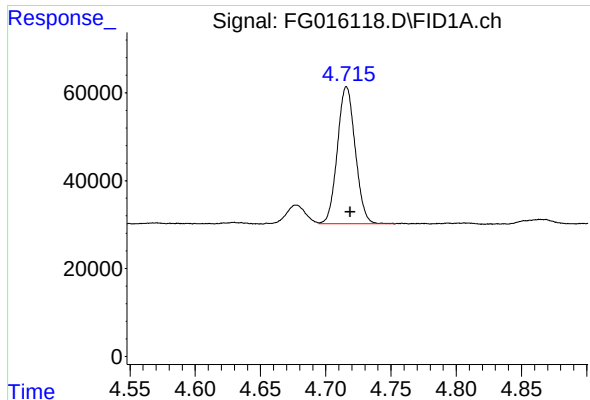
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AR\
Data File : FG016118.D
Signal(s) : FID1A.ch
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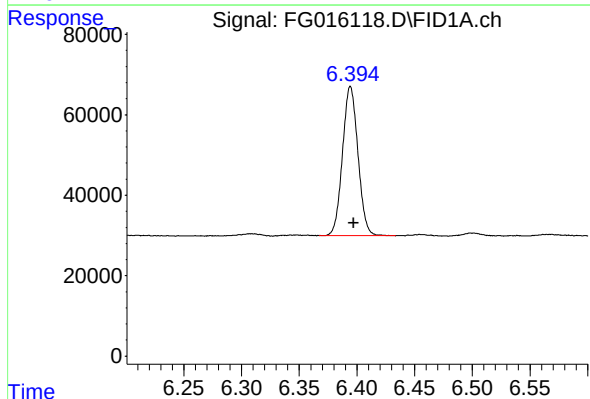




#1 1,2,3-Trimethylbenzene (C10.1)

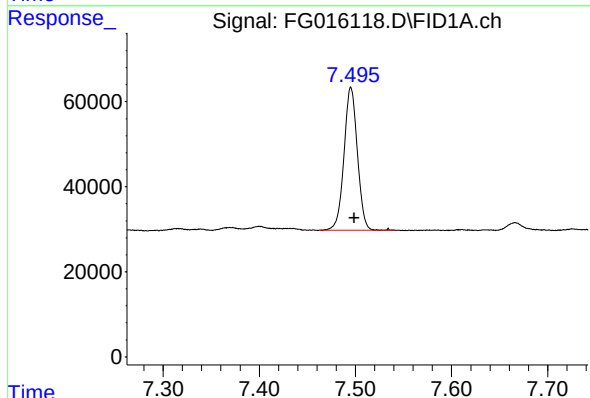
R.T.: 4.716 min
Delta R.T.: -0.003 min
Response: 296542
Conc: 2.42 ug/ml

Instrument :
FID_G
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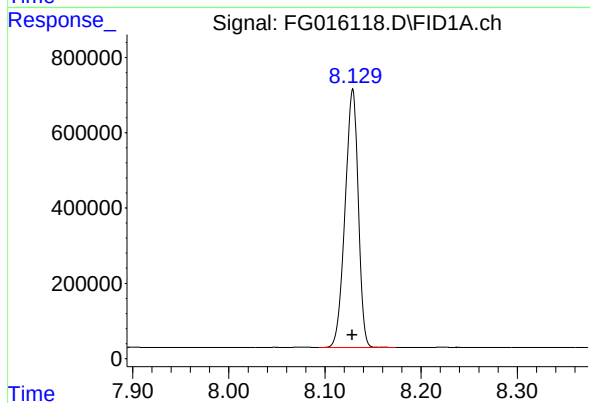
#2 Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: -0.003 min
Response: 343938
Conc: 2.65 ug/ml



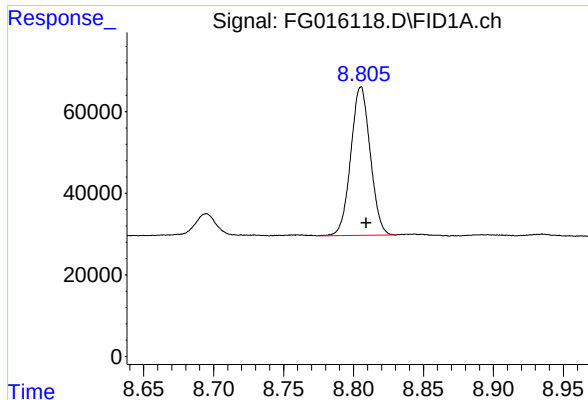
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.495 min
Delta R.T.: -0.003 min
Response: 327080
Conc: 2.48 ug/ml



#4 2-Bromonaphthalene (SURR)

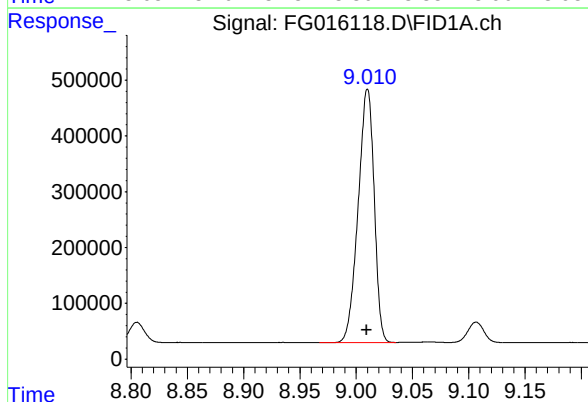
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 6551729
Conc: 58.06 ug/ml



#5 Acenaphthylene (C15.06)

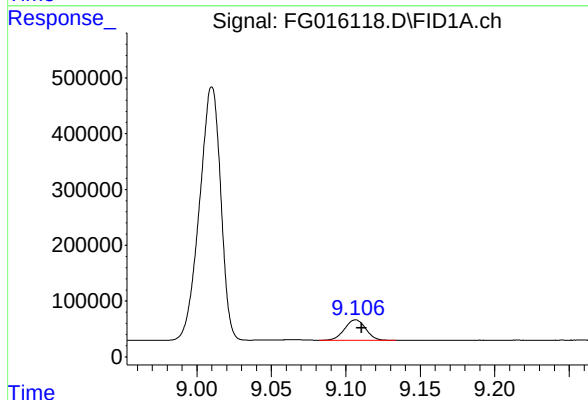
R.T.: 8.805 min
Delta R.T.: -0.004 min
Response: 351329
Conc: 2.68 ug/ml

Instrument :
FID_G
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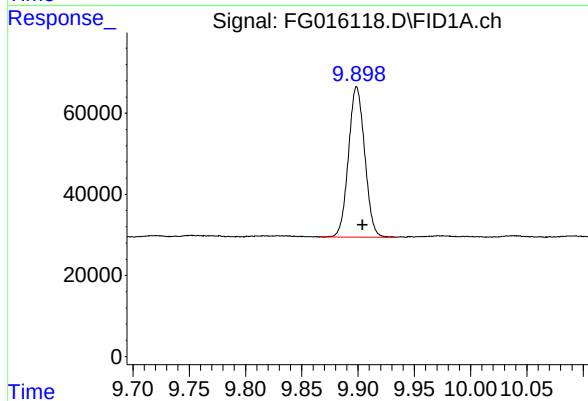
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.010 min
Delta R.T.: 0.000 min
Response: 4501885
Conc: 57.70 ug/ml



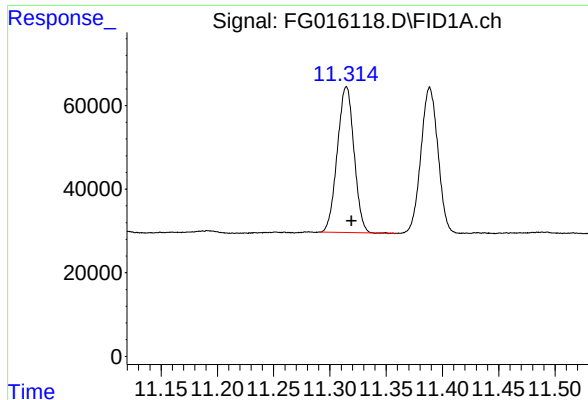
#7 Acenaphthene (C15.5)

R.T.: 9.107 min
Delta R.T.: -0.004 min
Response: 361627
Conc: 2.77 ug/ml



#8 Fluorene (C16.55)

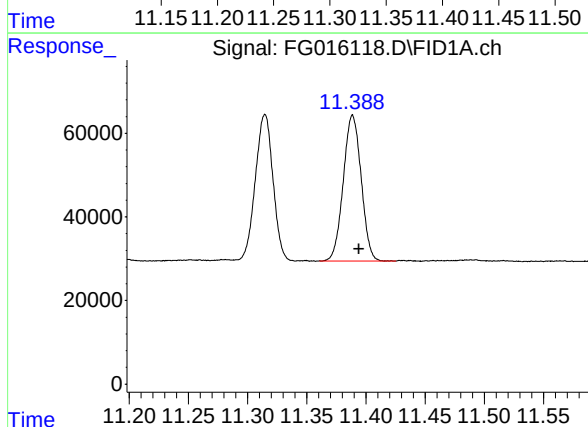
R.T.: 9.899 min
Delta R.T.: -0.005 min
Response: 371525
Conc: 2.85 ug/ml



#9 Phenanthrene (C19.36)

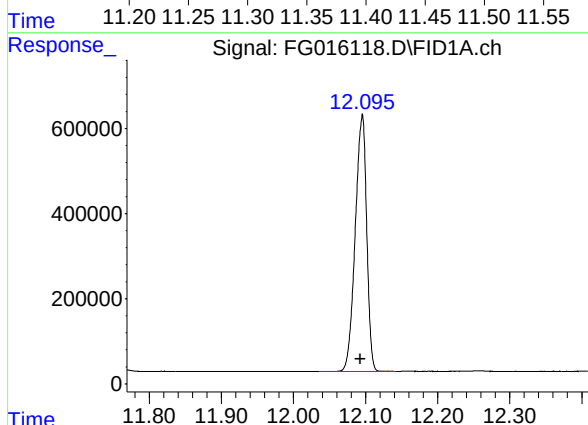
R.T.: 11.315 min
Delta R.T.: -0.005 min
Response: 359581
Conc: 2.76 ug/ml

Instrument :
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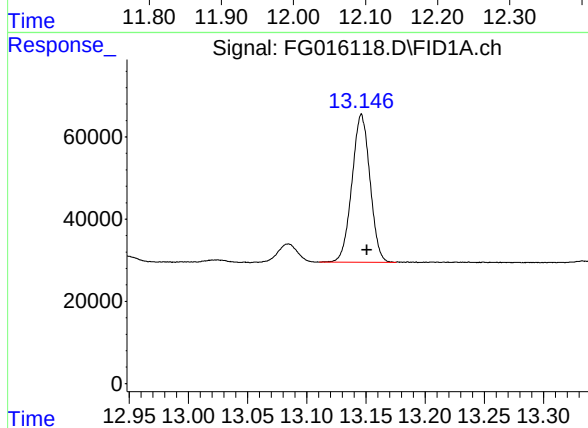
#10 Anthracene (C19.43)

R.T.: 11.389 min
Delta R.T.: -0.005 min
Response: 367533
Conc: 2.81 ug/ml



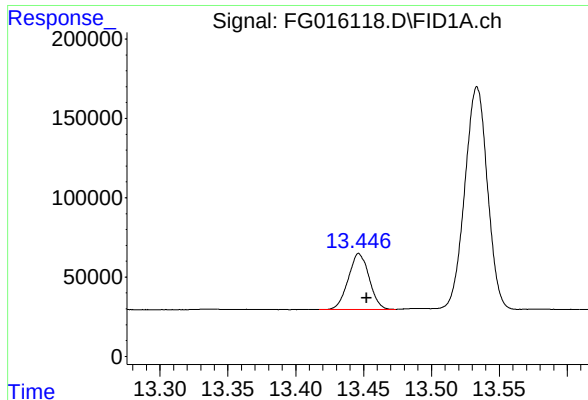
#11 ortho-Terphenyl (SURR)

R.T.: 12.095 min
Delta R.T.: 0.002 min
Response: 6646659
Conc: 49.90 ug/ml



#12 Fluoranthene (C21.85)

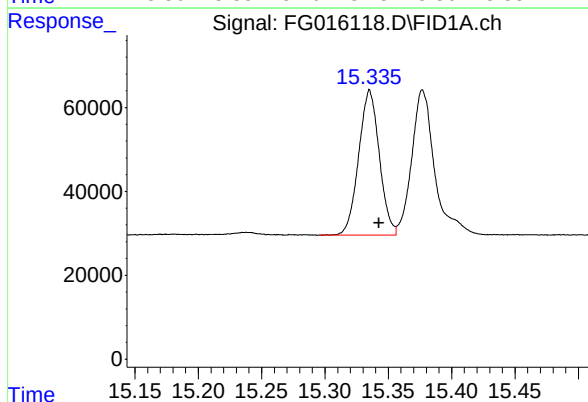
R.T.: 13.146 min
Delta R.T.: -0.005 min
Response: 381364
Conc: 2.91 ug/ml



#13 Pyrene (C20.8)

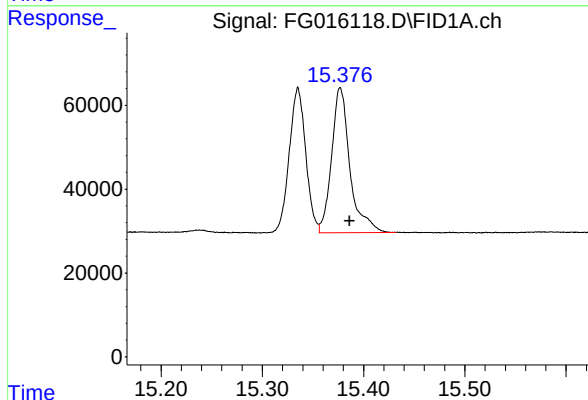
R.T.: 13.447 min
Delta R.T.: -0.006 min
Response: 377936
Conc: 2.91 ug/ml

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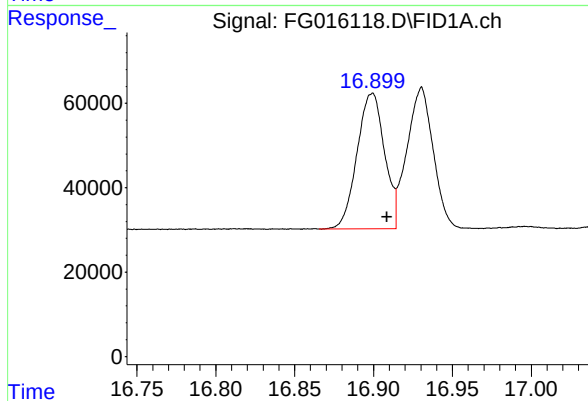
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.335 min
Delta R.T.: -0.007 min
Response: 391969
Conc: 3.06 ug/ml



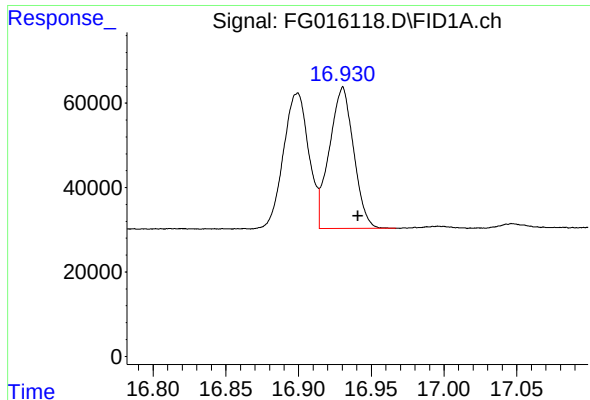
#15 Chrysene (C27.41)

R.T.: 15.377 min
Delta R.T.: -0.009 min
Response: 435441
Conc: 3.38 ug/ml



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

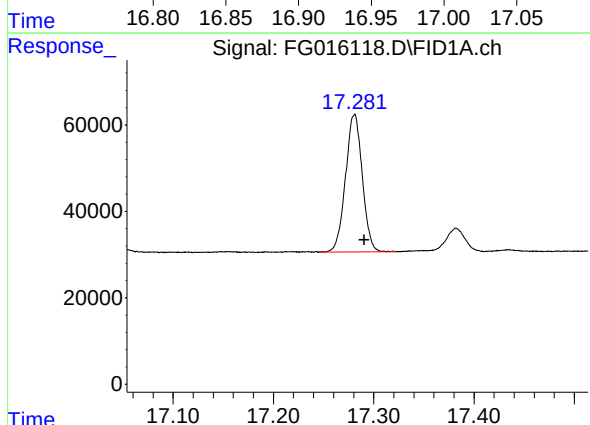
R.T.: 16.899 min
Delta R.T.: -0.010 min
Response: 388701
Conc: 3.04 ug/ml



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

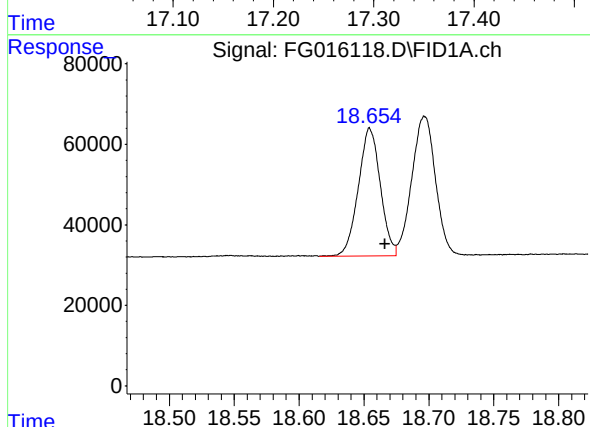
R.T.: 16.930 min
Delta R.T.: -0.011 min
Response: 388409
Conc: 3.23 ug/ml

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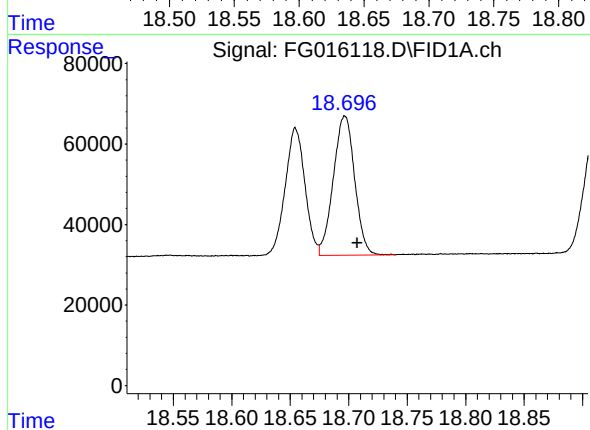
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.281 min
Delta R.T.: -0.010 min
Response: 369820
Conc: 2.97 ug/ml



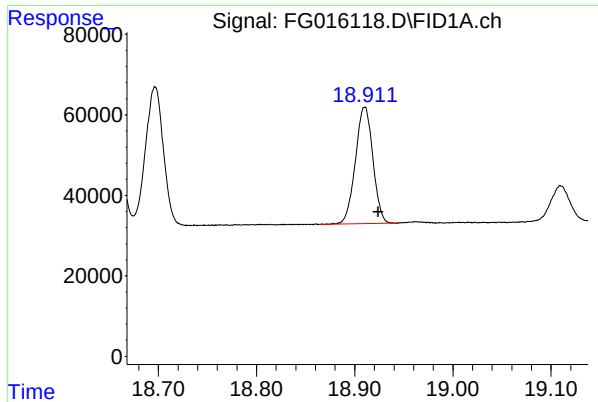
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.655 min
Delta R.T.: -0.011 min
Response: 373442
Conc: 3.25 ug/ml



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

R.T.: 18.697 min
Delta R.T.: -0.011 min
Response: 438758
Conc: 3.63 ug/ml



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

R.T.: 18.910 min
Delta R.T.: -0.014 min
Response: 358183
Conc: 3.00 ug/ml

Instrument :

FID_G

ClientSampleId :

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