

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AR\
 Data File : FG0616110.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 20:24
 Operator : YP\AJ
 Sample : Q2126-02
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 17 05:35:44 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...	8.130	7035658	62.349 ug/ml
Spiked Amount 50.000		Recovery =	124.70%
6) S 2-Fluorobiphenyl (SURR)	9.011	4799038	61.504 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	123.01%
11) S ortho-Terphenyl (SURR)	12.096	7436660	55.833 ug/ml
Spiked Amount 50.000		Recovery =	111.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.717	518084	4.228 ug/ml
2) T Naphthalene (C11.7)	6.395	593232	4.575 ug/ml
3) T 2-Methylnaphthalene (...)	7.496	559862	4.238 ug/ml
5) T Acenaphthylene (C15.06)	8.806	613145	4.685 ug/ml
7) T Acenaphthene (C15.5)	9.108	632389	4.852 ug/ml
8) T Fluorene (C16.55)	9.901	641850	4.918 ug/ml
9) T Phenanthrene (C19.36)	11.316	646703	4.956 ug/ml
10) T Anthracene (C19.43)	11.390	655475	5.016 ug/ml
12) T Fluoranthene (C21.85)	13.147	682698	5.205 ug/ml
13) T Pyrene (C20.8)	13.448	677537	5.217 ug/ml
14) T Benzo[a]anthracene (C...	15.337	703547	5.496 ug/ml
15) T Chrysene (C27.41)	15.379	781694	6.059 ug/ml
16) T benzo[b]fluoranthene ...	16.900	698975	5.458 ug/ml
17) T Bnezo[k]fluoranthene ...	16.932	700470	5.830 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.283	666297	5.347 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.658	674093	5.860 ug/ml
20) T Dibenz[a,h]anthracene...	18.698	713468	5.908 ug/ml
21) T Benzo[g,h,i]perylene ...	18.913	647772	5.424 ug/ml

(f)=RT Delta > 1/2 Window

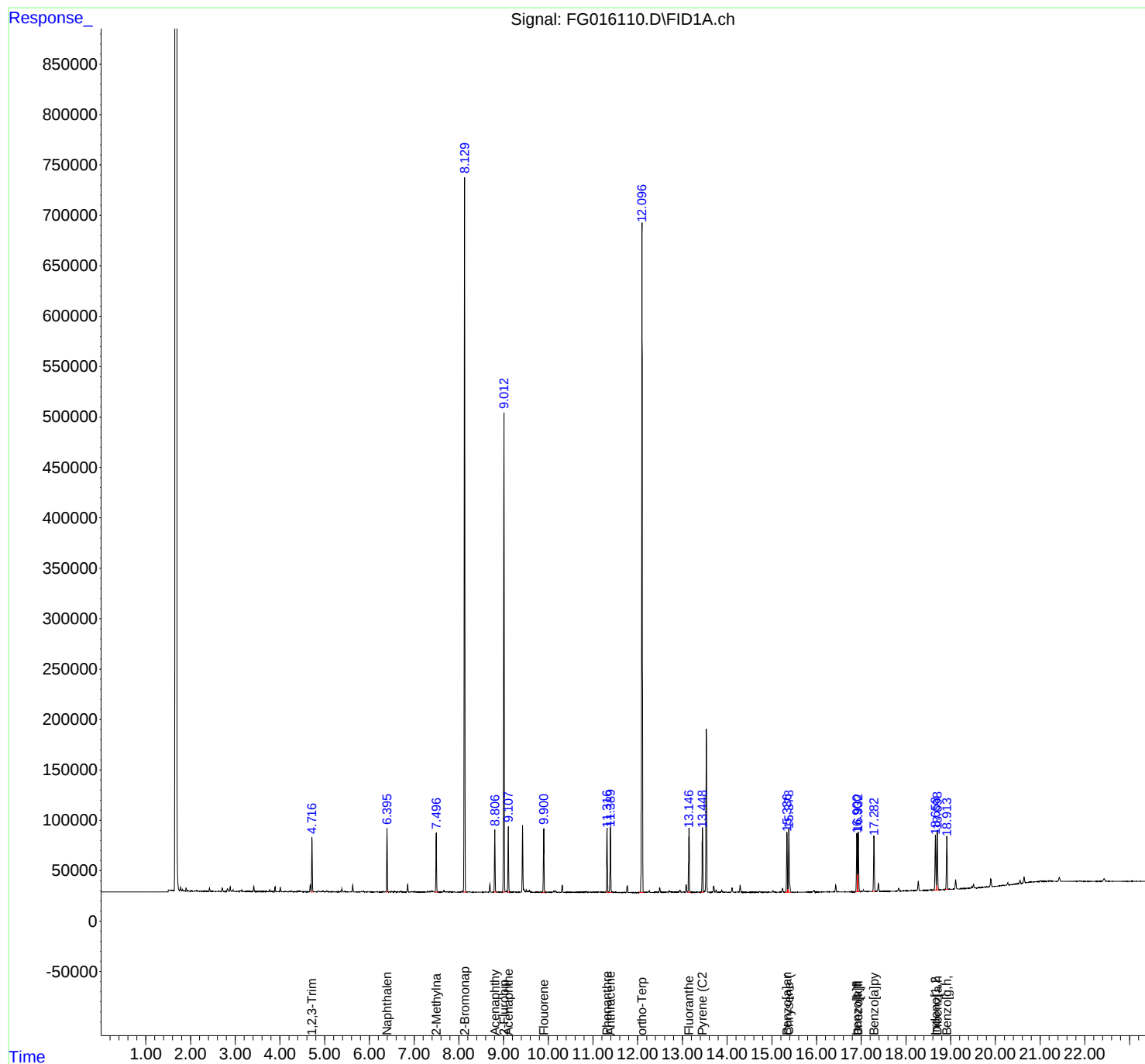
(m)=manual int.

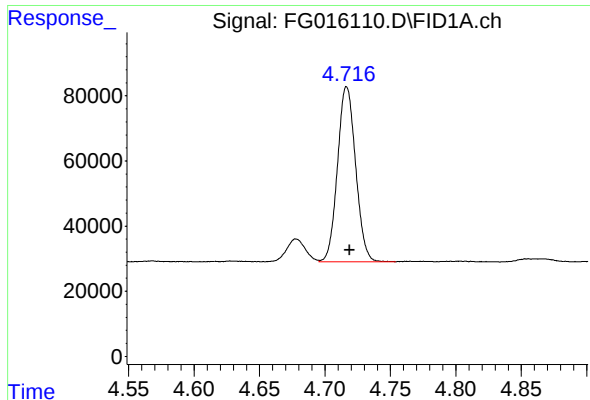
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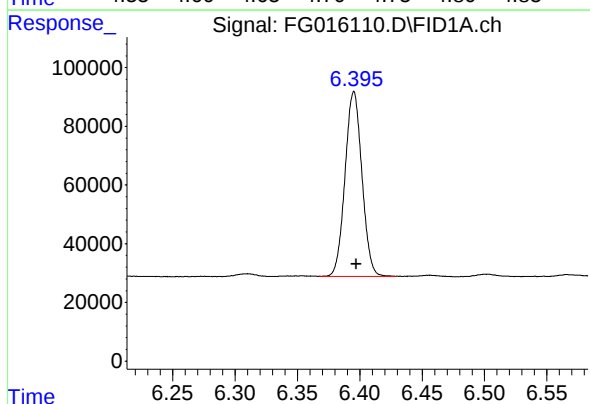




#1 1,2,3-Trimethylbenzene (C10.1)

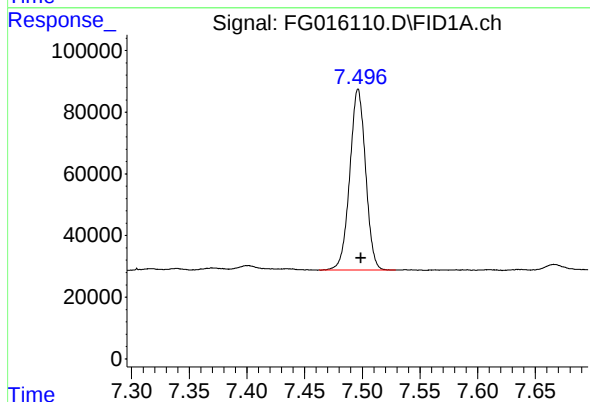
R.T.: 4.717 min
Delta R.T.: -0.002 min
Response: 518084
Conc: 4.23 ug/ml

Instrument :
FID_G
ClientSampleId :
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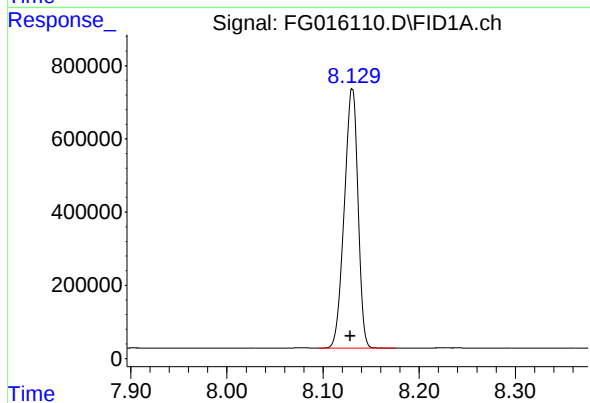
#2 Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 593232
Conc: 4.58 ug/ml



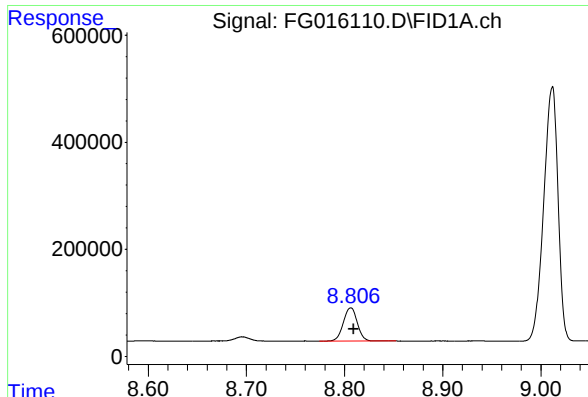
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 559862
Conc: 4.24 ug/ml



#4 2-Bromonaphthalene (SURR)

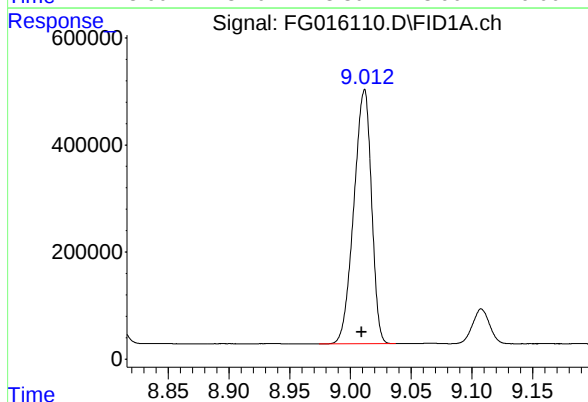
R.T.: 8.130 min
Delta R.T.: 0.002 min
Response: 7035658
Conc: 62.35 ug/ml



#5 Acenaphthylene (C15.06)

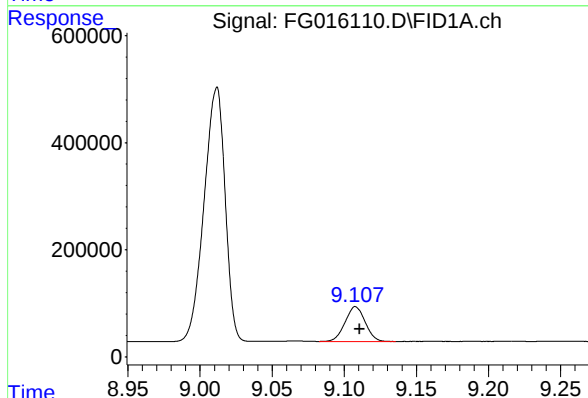
R.T.: 8.806 min
Delta R.T.: -0.003 min
Response: 613145
Conc: 4.69 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



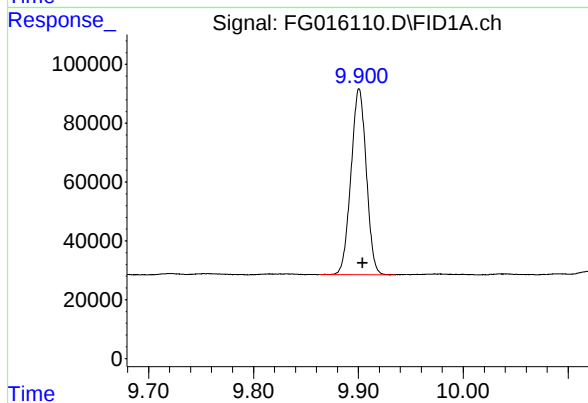
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.011 min
Delta R.T.: 0.002 min
Response: 4799038
Conc: 61.50 ug/ml



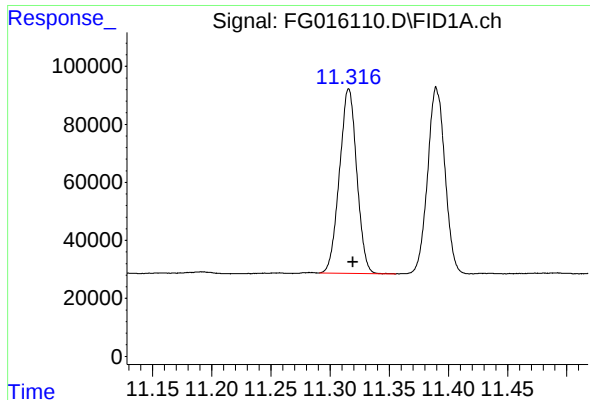
#7 Acenaphthene (C15.5)

R.T.: 9.108 min
Delta R.T.: -0.003 min
Response: 632389
Conc: 4.85 ug/ml



#8 Flouorene (C16.55)

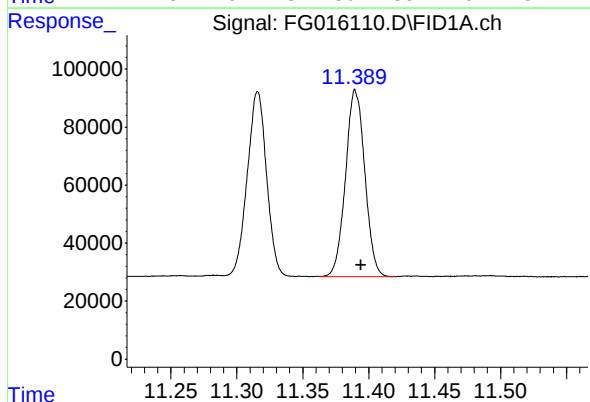
R.T.: 9.901 min
Delta R.T.: -0.003 min
Response: 641850
Conc: 4.92 ug/ml



#9 Phenanthrene (C19.36)

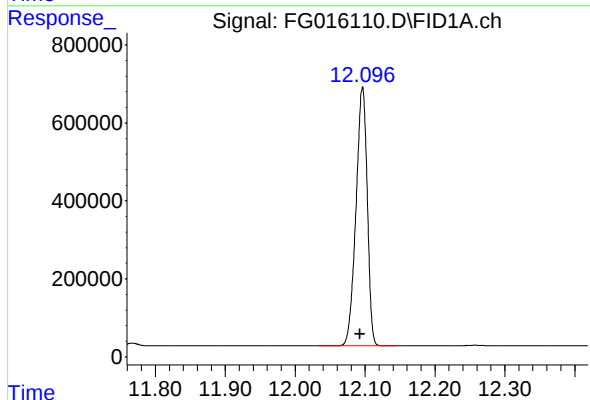
R.T.: 11.316 min
Delta R.T.: -0.003 min
Response: 646703
Conc: 4.96 ug/ml

Instrument :
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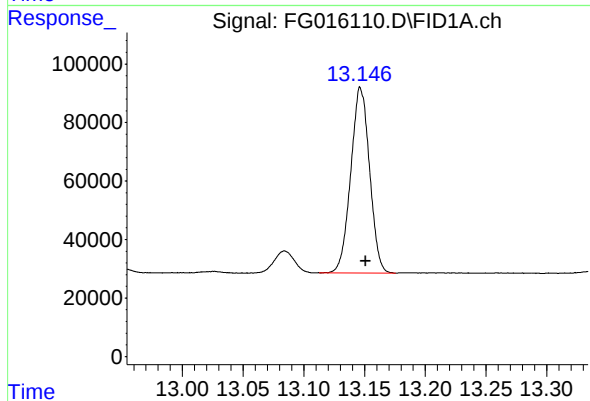
#10 Anthracene (C19.43)

R.T.: 11.390 min
Delta R.T.: -0.004 min
Response: 655475
Conc: 5.02 ug/ml



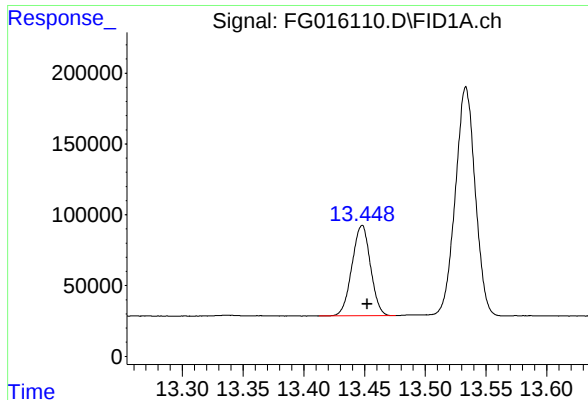
#11 ortho-Terphenyl (SURRE)

R.T.: 12.096 min
Delta R.T.: 0.003 min
Response: 7436660
Conc: 55.83 ug/ml



#12 Fluoranthene (C21.85)

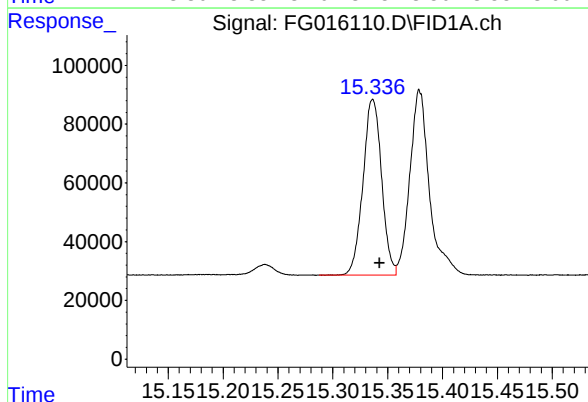
R.T.: 13.147 min
Delta R.T.: -0.004 min
Response: 682698
Conc: 5.21 ug/ml



#13 Pyrene (C20.8)

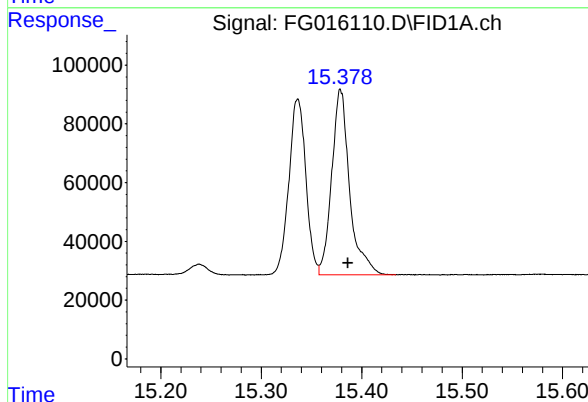
R.T.: 13.448 min
Delta R.T.: -0.005 min
Response: 677537
Conc: 5.22 ug/ml

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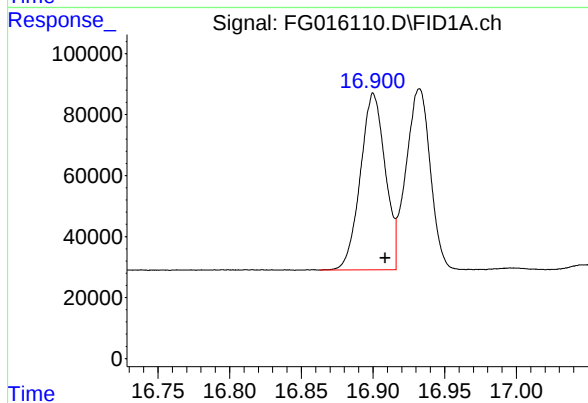
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.337 min
Delta R.T.: -0.006 min
Response: 703547
Conc: 5.50 ug/ml



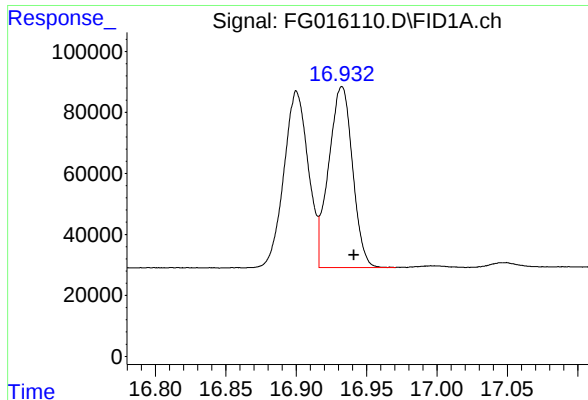
#15 Chrysene (C27.41)

R.T.: 15.379 min
Delta R.T.: -0.007 min
Response: 781694
Conc: 6.06 ug/ml



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

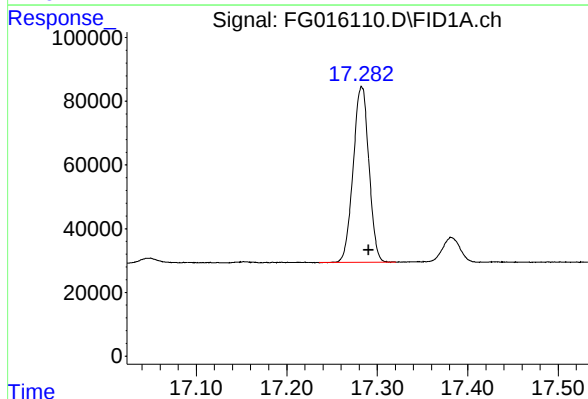
R.T.: 16.900 min
Delta R.T.: -0.008 min
Response: 698975
Conc: 5.46 ug/ml



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

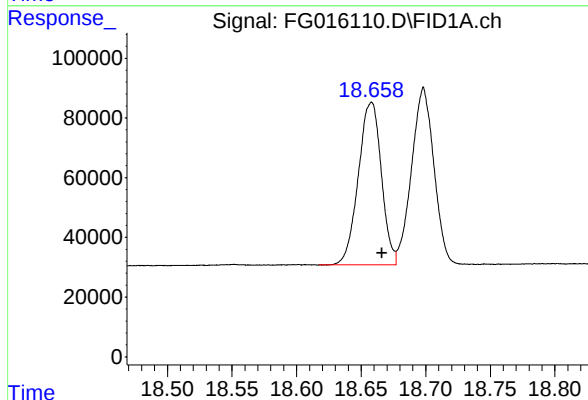
R.T.: 16.932 min
Delta R.T.: -0.009 min
Response: 700470
Conc: 5.83 ug/ml

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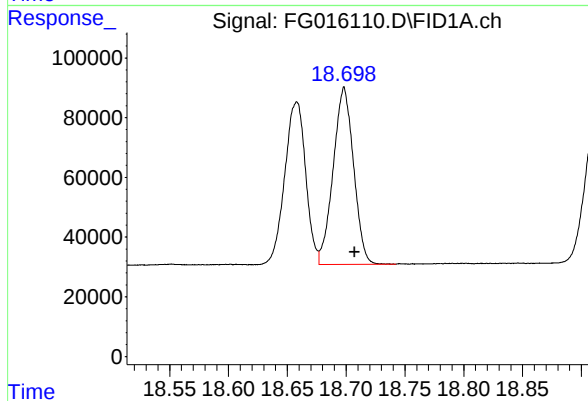
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.283 min
Delta R.T.: -0.008 min
Response: 666297
Conc: 5.35 ug/ml



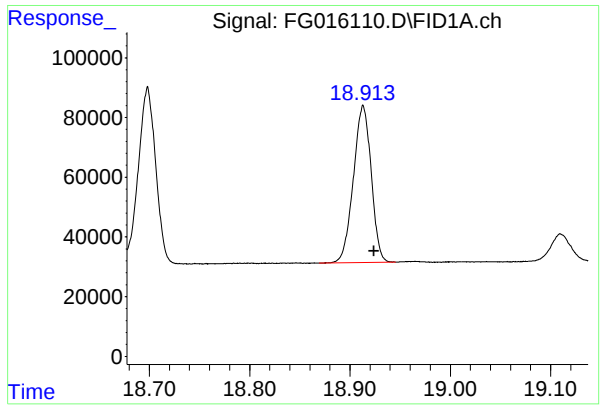
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.658 min
Delta R.T.: -0.009 min
Response: 674093
Conc: 5.86 ug/ml



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

R.T.: 18.698 min
Delta R.T.: -0.009 min
Response: 713468
Conc: 5.91 ug/ml



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

R.T.: 18.913 min
Delta R.T.: -0.011 min
Response: 647772
Conc: 5.42 ug/ml

Instrument :

FID_G

ClientSampleId :

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