

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AR\
 Data File : FG0616109.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 19:54
 Operator : YP\AJ
 Sample : Q2126-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Jun 17 05:35:27 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	7003324	62.062 ug/ml
Spiked Amount 50.000		Recovery =	124.12%
6) S 2-Fluorobiphenyl (SURR)	9.011	4775879	61.207 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.41%
11) S ortho-Terphenyl (SURR)	12.096	7406208	55.605 ug/ml
Spiked Amount 50.000		Recovery =	111.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.716	516102	4.212 ug/ml
2) T Naphthalene (C11.7)	6.395	592467	4.569 ug/ml
3) T 2-Methylnaphthalene (...)	7.496	557194	4.218 ug/ml
5) T Acenaphthylene (C15.06)	8.806	609810	4.660 ug/ml
7) T Acenaphthene (C15.5)	9.108	629161	4.827 ug/ml
8) T Fluorene (C16.55)	9.900	638911	4.895 ug/ml
9) T Phenanthrene (C19.36)	11.316	643510	4.932 ug/ml
10) T Anthracene (C19.43)	11.390	652729	4.995 ug/ml
12) T Fluoranthene (C21.85)	13.147	681617	5.197 ug/ml
13) T Pyrene (C20.8)	13.448	676882	5.212 ug/ml
14) T Benzo[a]anthracene (C...	15.337	705352	5.510 ug/ml
15) T Chrysene (C27.41)	15.378	782565	6.066 ug/ml
16) T benzo[b]fluoranthene ...	16.901	703050	5.490 ug/ml
17) T Bnezo[k]fluoranthene ...	16.932	702003	5.843 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.282	669940	5.377 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.657	675471	5.872 ug/ml
20) T Dibenz[a,h]anthracene...	18.698	718514	5.950 ug/ml
21) T Benzo[g,h,i]perylene ...	18.912	652287	5.462 ug/ml

(f)=RT Delta > 1/2 Window

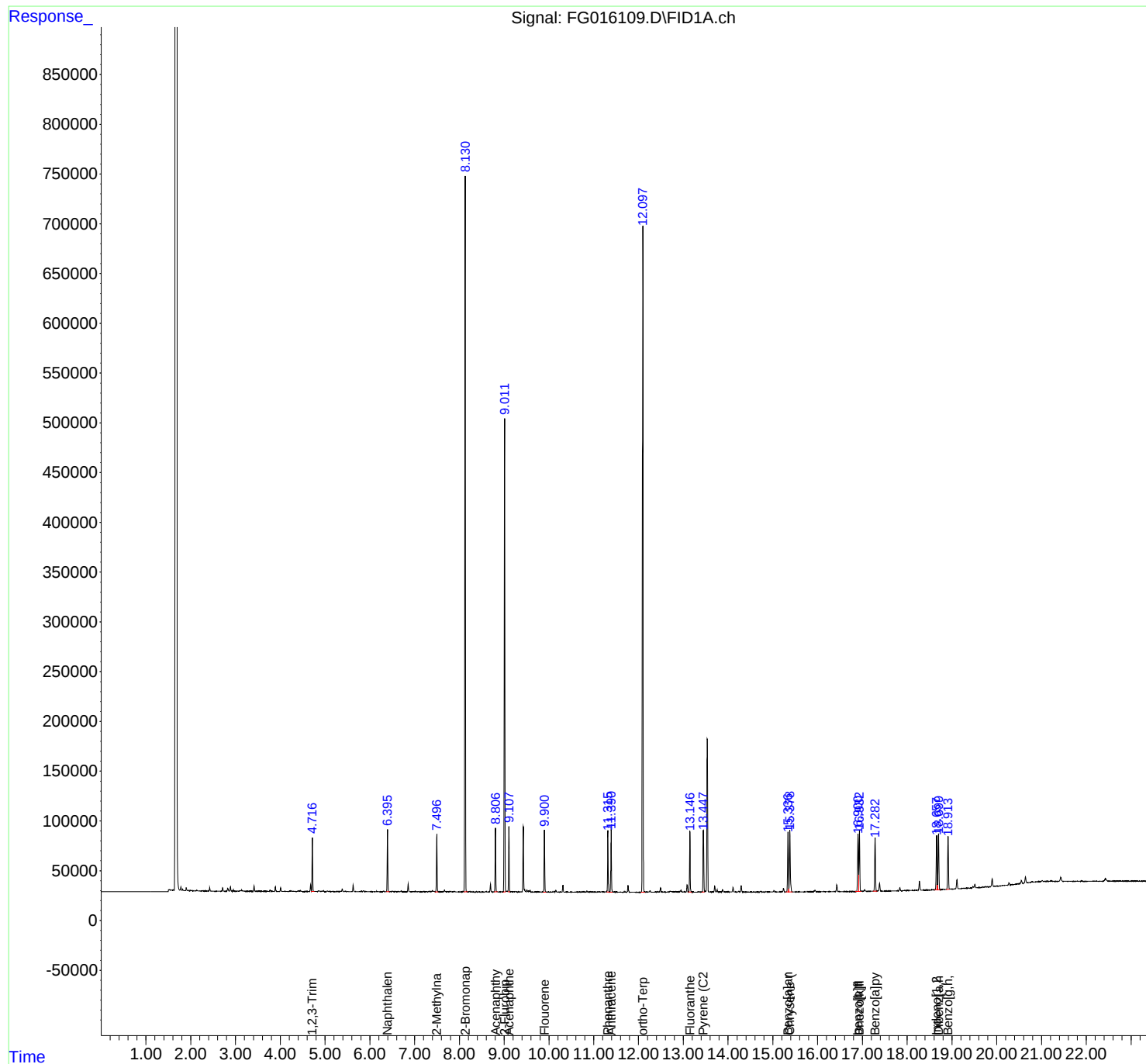
(m)=manual int.

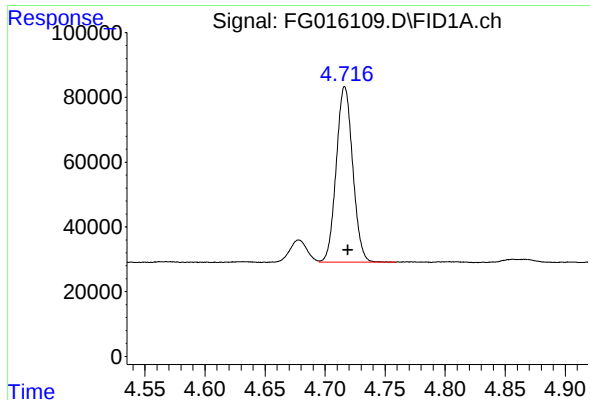
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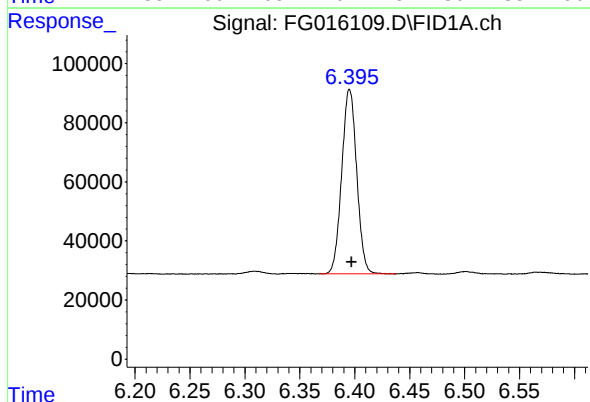




#1 1,2,3-Trimethylbenzene (C10.1)

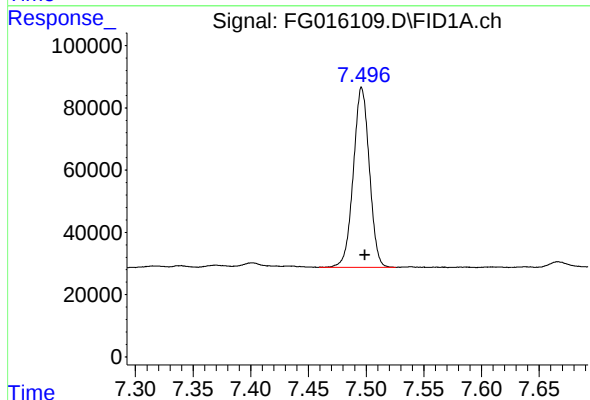
R.T.: 4.716 min
Delta R.T.: -0.003 min
Response: 516102
Conc: 4.21 ug/ml

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



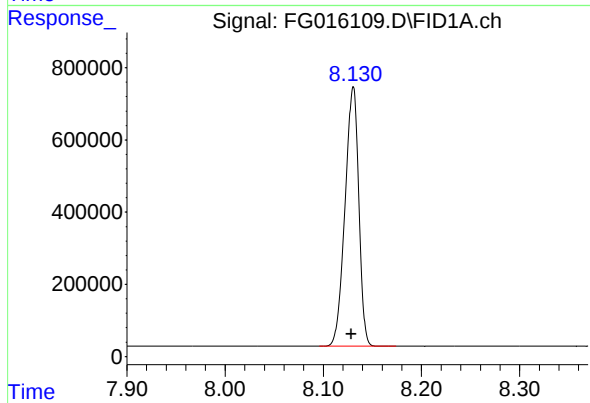
#2 Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 592467
Conc: 4.57 ug/ml



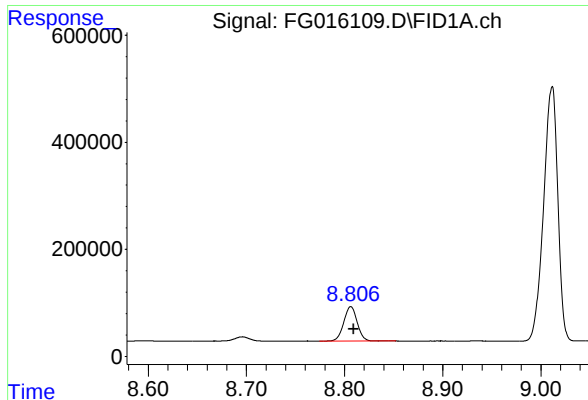
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.496 min
Delta R.T.: -0.003 min
Response: 557194
Conc: 4.22 ug/ml



#4 2-Bromonaphthalene (SURR)

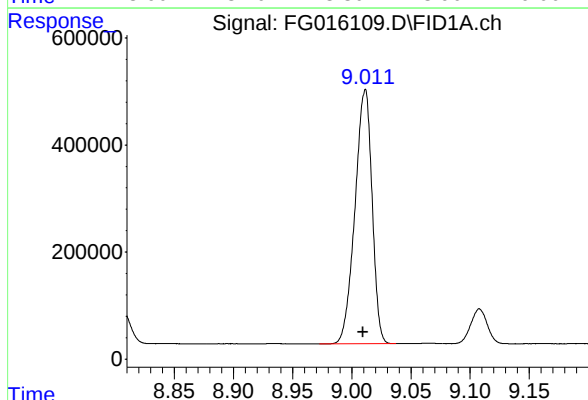
R.T.: 8.130 min
Delta R.T.: 0.002 min
Response: 7003324
Conc: 62.06 ug/ml



#5 Acenaphthylene (C15.06)

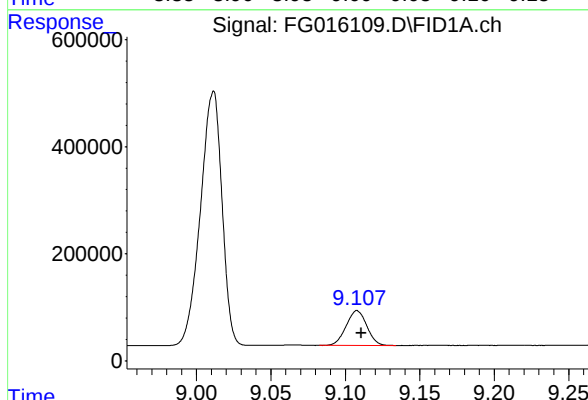
R.T.: 8.806 min
Delta R.T.: -0.003 min
Response: 609810
Conc: 4.66 ug/ml

Instrument :
FID_G
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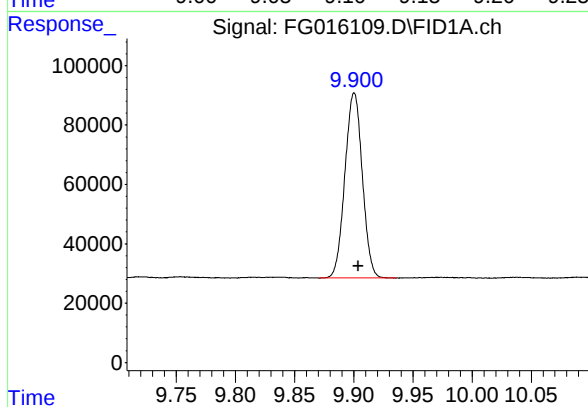
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.011 min
Delta R.T.: 0.002 min
Response: 4775879
Conc: 61.21 ug/ml



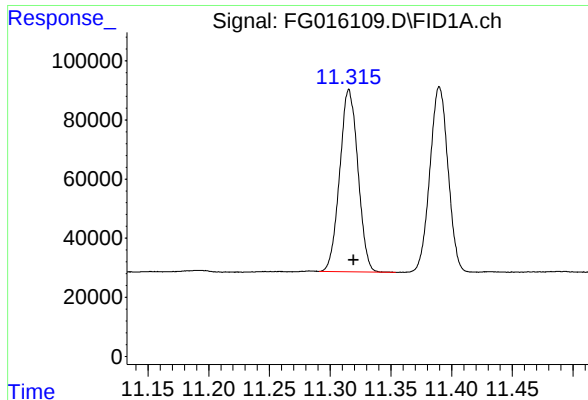
#7 Acenaphthene (C15.5)

R.T.: 9.108 min
Delta R.T.: -0.003 min
Response: 629161
Conc: 4.83 ug/ml



#8 Flouorene (C16.55)

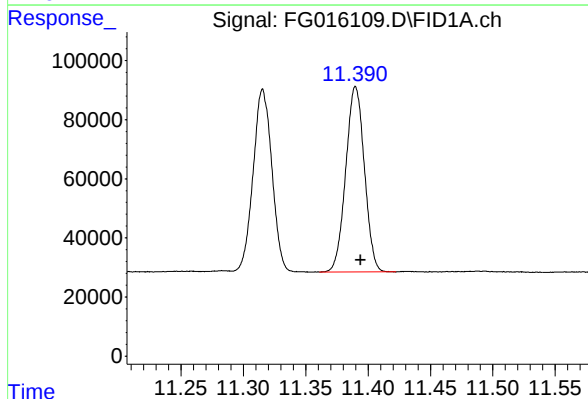
R.T.: 9.900 min
Delta R.T.: -0.004 min
Response: 638911
Conc: 4.90 ug/ml



#9 Phenanthrene (C19.36)

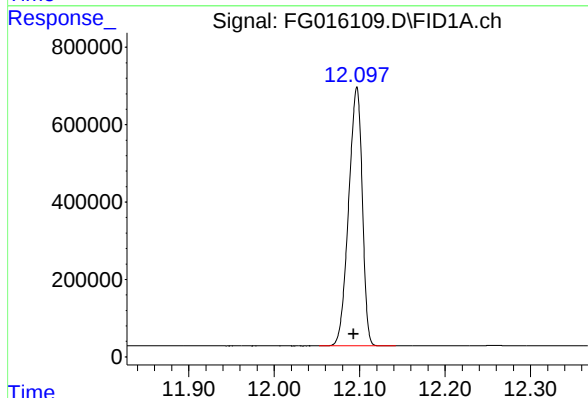
R.T.: 11.316 min
Delta R.T.: -0.004 min
Response: 643510
Conc: 4.93 ug/ml

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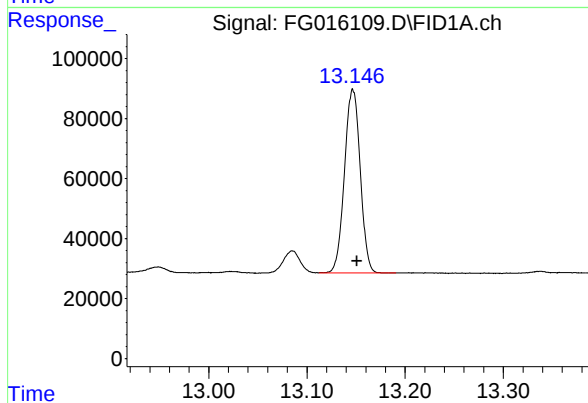
#10 Anthracene (C19.43)

R.T.: 11.390 min
Delta R.T.: -0.004 min
Response: 652729
Conc: 5.00 ug/ml



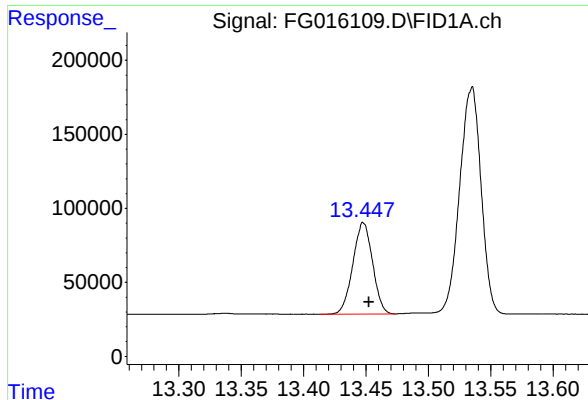
#11 ortho-Terphenyl (SURRE)

R.T.: 12.096 min
Delta R.T.: 0.004 min
Response: 7406208
Conc: 55.60 ug/ml



#12 Fluoranthene (C21.85)

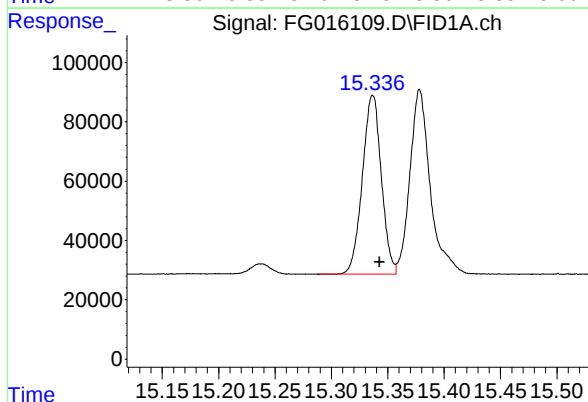
R.T.: 13.147 min
Delta R.T.: -0.004 min
Response: 681617
Conc: 5.20 ug/ml



#13 Pyrene (C20.8)

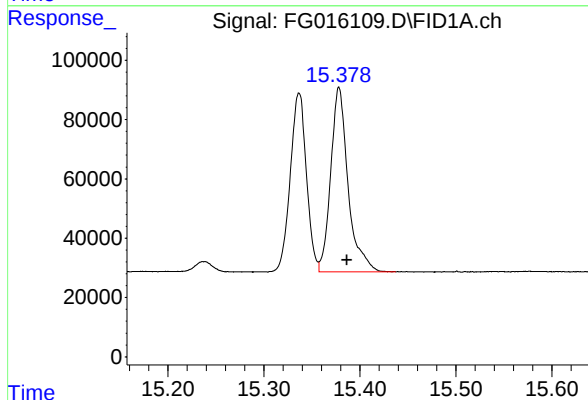
R.T.: 13.448 min
Delta R.T.: -0.004 min
Response: 676882
Conc: 5.21 ug/ml

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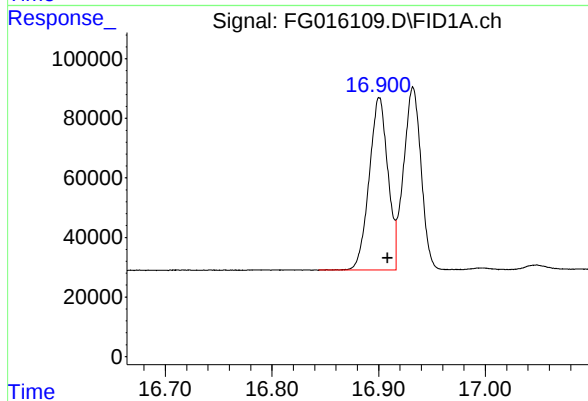
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.337 min
Delta R.T.: -0.006 min
Response: 705352
Conc: 5.51 ug/ml



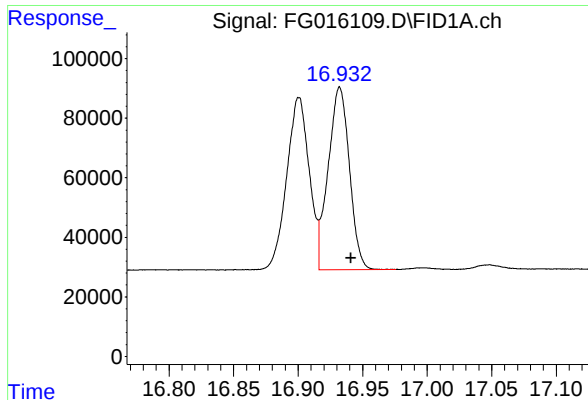
#15 Chrysene (C27.41)

R.T.: 15.378 min
Delta R.T.: -0.008 min
Response: 782565
Conc: 6.07 ug/ml



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

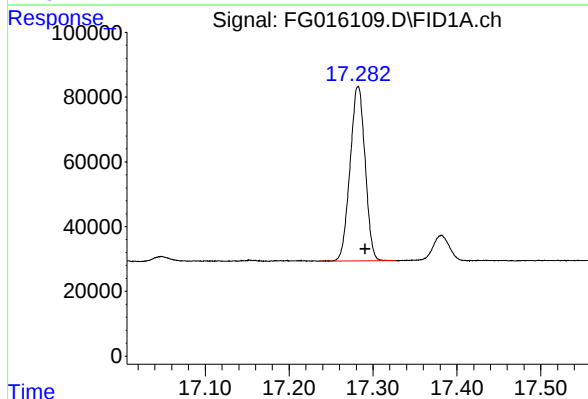
R.T.: 16.901 min
Delta R.T.: -0.008 min
Response: 703050
Conc: 5.49 ug/ml



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

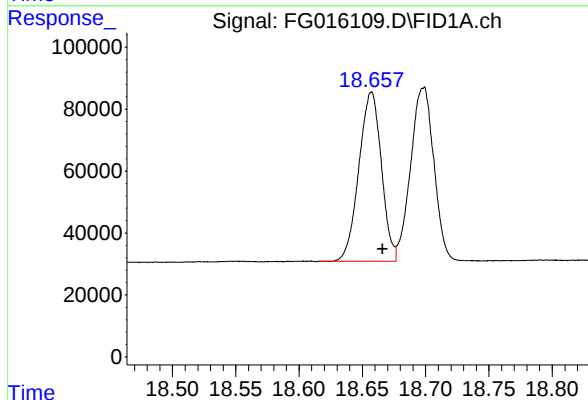
R.T.: 16.932 min
Delta R.T.: -0.009 min
Response: 702003
Conc: 5.84 ug/ml

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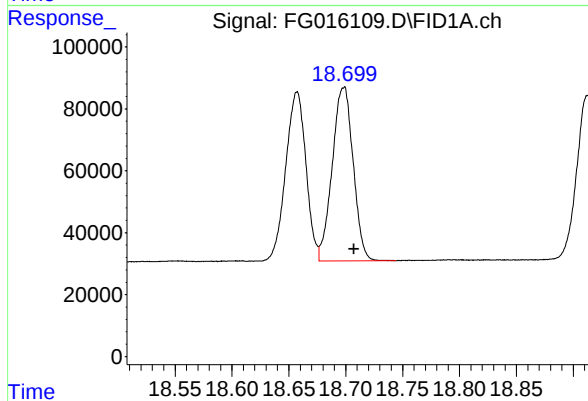
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.282 min
Delta R.T.: -0.008 min
Response: 669940
Conc: 5.38 ug/ml



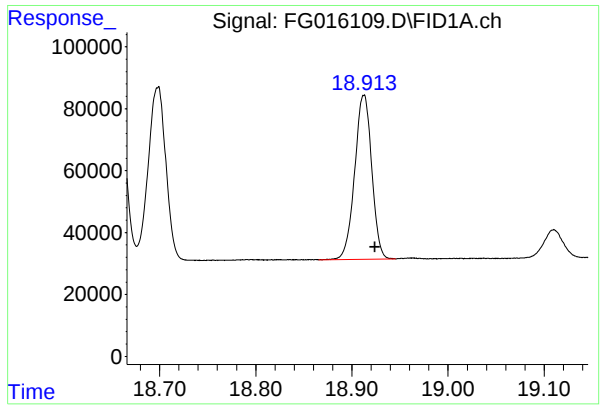
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.657 min
Delta R.T.: -0.009 min
Response: 675471
Conc: 5.87 ug/ml



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

R.T.: 18.698 min
Delta R.T.: -0.009 min
Response: 718514
Conc: 5.95 ug/ml



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

R.T.: 18.912 min
Delta R.T.: -0.012 min
Response: 652287
Conc: 5.46 ug/ml

Instrument :

FID_G

ClientSampleId :

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