

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AR\
 Data File : FG016439.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 14:57
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 29 04:54:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 04:51:23 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...	8.110	5174515	48.465 ug/ml
Spiked Amount 50.000		Recovery =	96.93%
6) S 2-Fluorobiphenyl (SURR)	8.995	3563134	49.188 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.38%
11) S ortho-Terphenyl (SURR)	12.078	6096626	48.421 ug/ml
Spiked Amount 50.000		Recovery =	96.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.695	5752569	48.391 ug/ml
2) T Naphthalene (C11.7)	6.378	6107002	48.854 ug/ml
3) T 2-Methylnaphthalene (...)	7.482	6118309	49.066 ug/ml
5) T Acenaphthylene (C15.06)	8.794	6062685	48.910 ug/ml
7) T Acenaphthene (C15.5)	9.096	6098933	47.956 ug/ml
8) T Flouorene (C16.55)	9.891	5964752	48.622 ug/ml
9) T Phenanthrene (C19.36)	11.310	5933969	48.857 ug/ml
10) T Anthracene (C19.43)	11.386	5809274	48.149 ug/ml
12) T Fluoranthene (C21.85)	13.146	5880746	48.537 ug/ml
13) T Pyrene (C20.8)	13.448	5810162	48.586 ug/ml
14) T Benzo[a]anthracene (C...	15.343	5538911	48.829 ug/ml
15) T Chrysene (C27.41)	15.387	5622701	47.703 ug/ml
16) T benzo[b]fluoranthene ...	16.915	5659272	49.014 ug/ml
17) T Bnezo[k]fluoranthene ...	16.949	5297753	47.117 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.299	5535865	47.948 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.682	5119103	49.453 ug/ml
20) T Dibenz[a,h]anthracene...	18.719	5805586	45.634 ug/ml
21) T Benzo[g,h,i]perylene ...	18.943	5788060	47.113 ug/ml

(f)=RT Delta > 1/2 Window

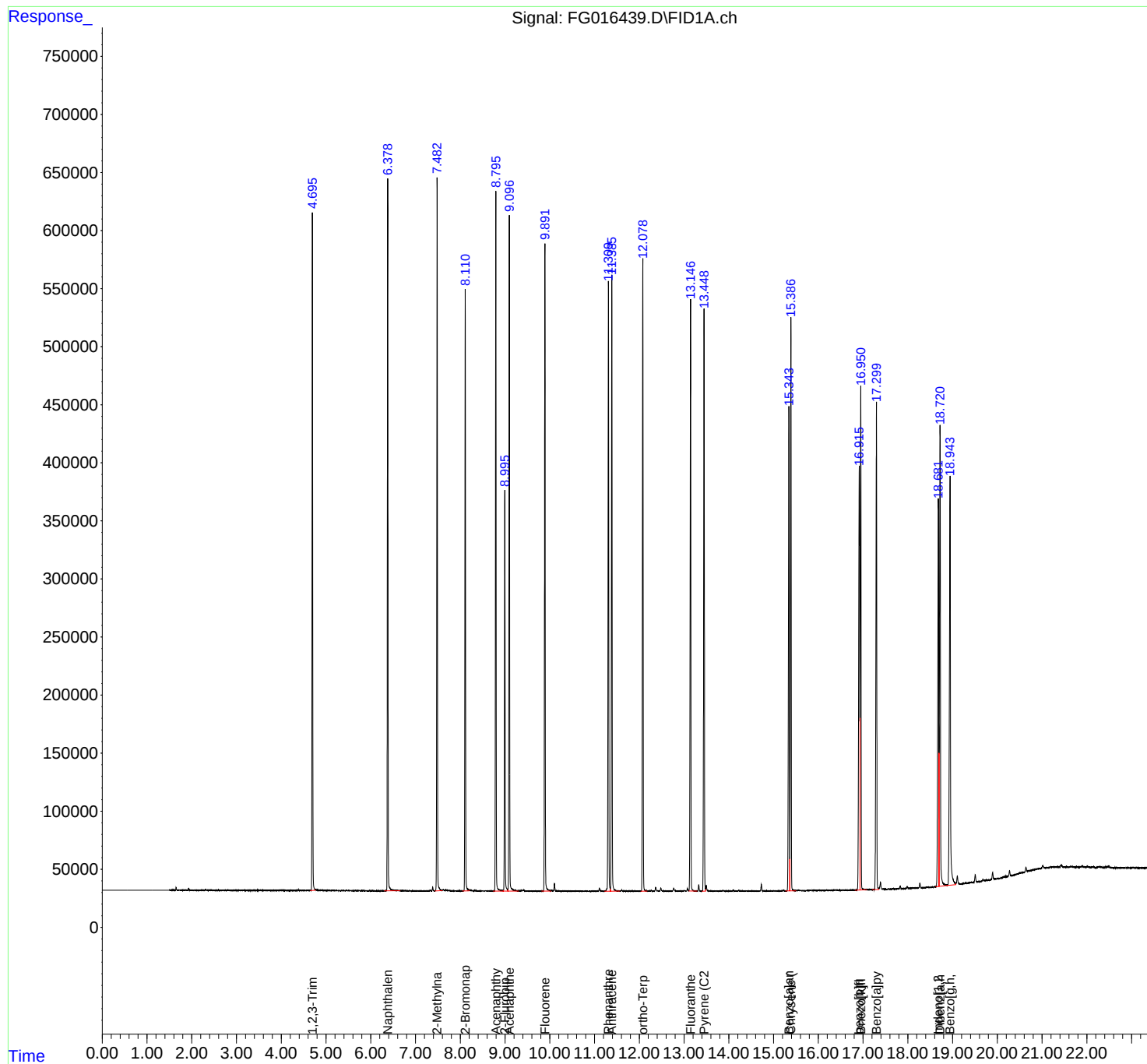
(m)=manual int.

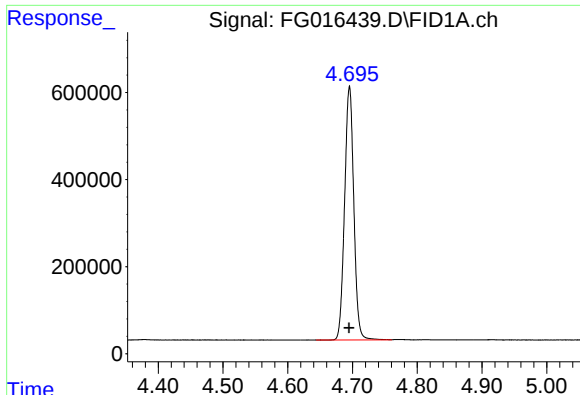
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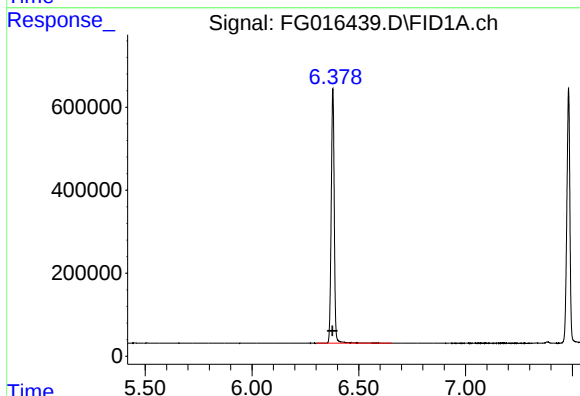




#1 1,2,3-Trimethylbenzene (C10.1)

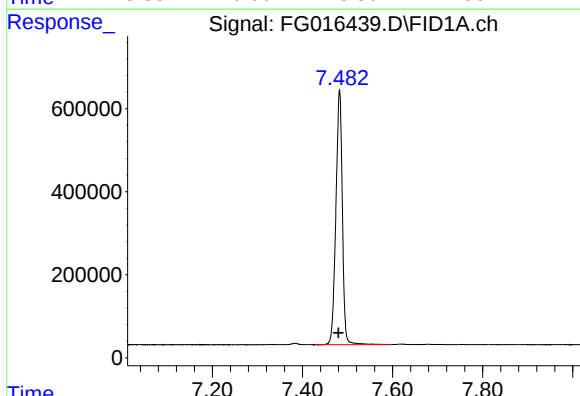
R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 5752569
Conc: 48.39 ug/ml

Instrument :
FID_G
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50 PPM AROMATIC HC STD2



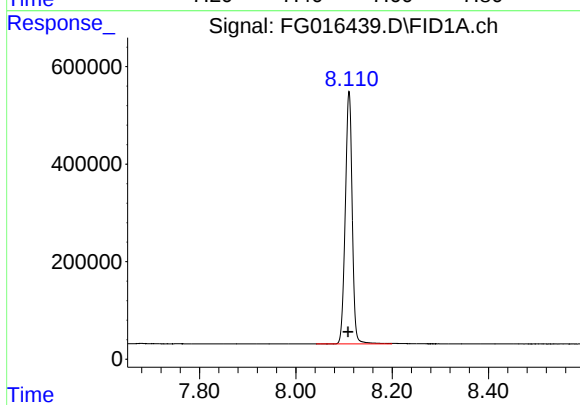
#2 Naphthalene (C11.7)

R.T.: 6.378 min
Delta R.T.: 0.002 min
Response: 6107002
Conc: 48.85 ug/ml



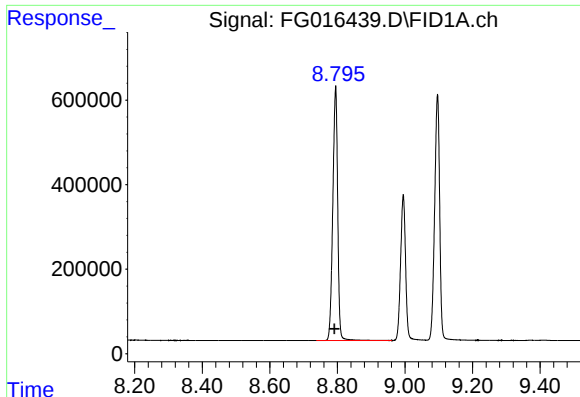
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.482 min
Delta R.T.: 0.003 min
Response: 6118309
Conc: 49.07 ug/ml



#4 2-Bromonaphthalene (SURR)

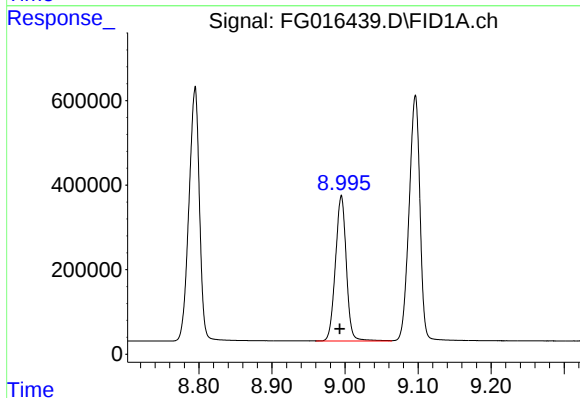
R.T.: 8.110 min
Delta R.T.: 0.002 min
Response: 5174515
Conc: 48.46 ug/ml



#5 Acenaphthylene (C15.06)

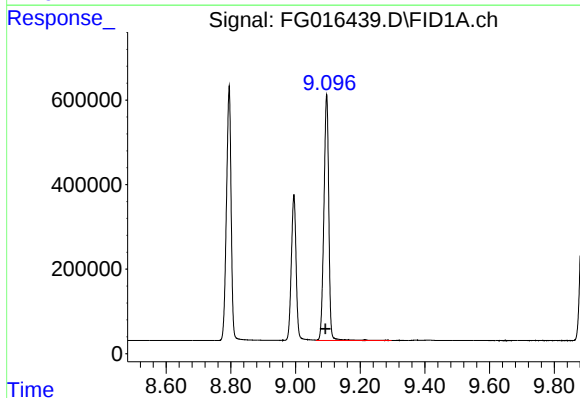
R.T.: 8.794 min
Delta R.T.: 0.003 min
Response: 6062685
Conc: 48.91 ug/ml

Instrument :
FID_G
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50 PPM AROMATIC HC STD2



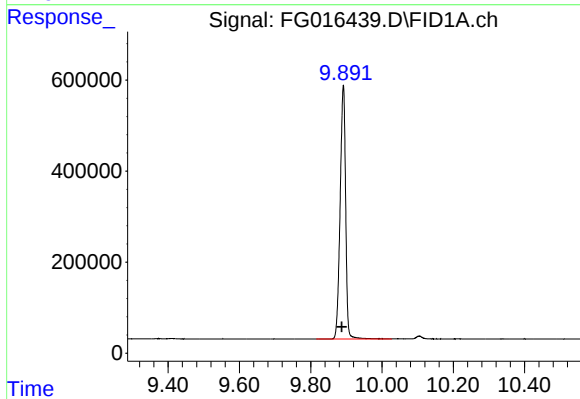
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.995 min
Delta R.T.: 0.002 min
Response: 3563134
Conc: 49.19 ug/ml



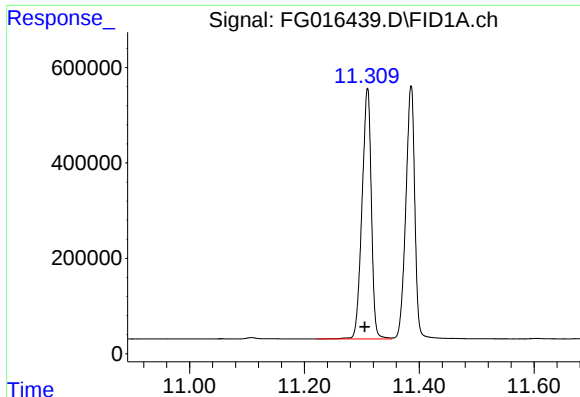
#7 Acenaphthene (C15.5)

R.T.: 9.096 min
Delta R.T.: 0.003 min
Response: 6098933
Conc: 47.96 ug/ml



#8 Fluorene (C16.55)

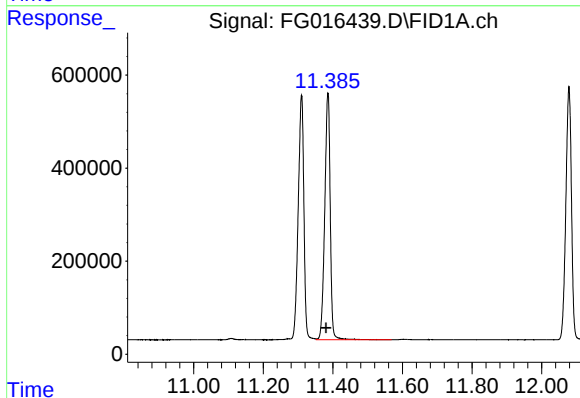
R.T.: 9.891 min
Delta R.T.: 0.004 min
Response: 5964752
Conc: 48.62 ug/ml



#9 Phenanthrene (C19.36)

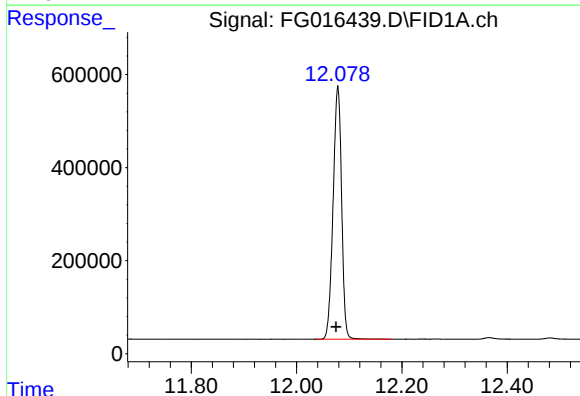
R.T.: 11.310 min
Delta R.T.: 0.005 min
Response: 5933969
Conc: 48.86 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



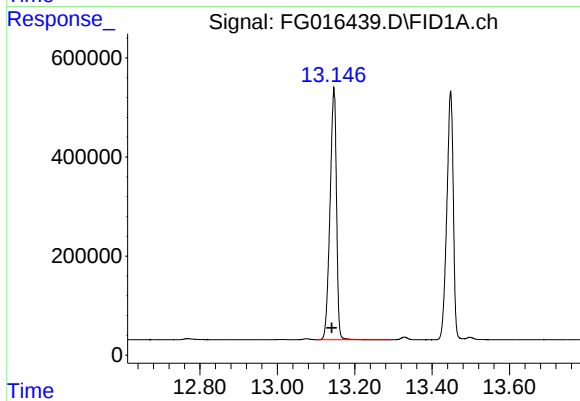
#10 Anthracene (C19.43)

R.T.: 11.386 min
Delta R.T.: 0.005 min
Response: 5809274
Conc: 48.15 ug/ml



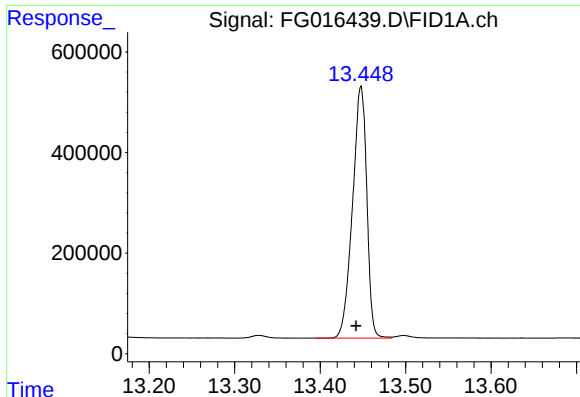
#11 ortho-Terphenyl (SURR)

R.T.: 12.078 min
Delta R.T.: 0.003 min
Response: 6096626
Conc: 48.42 ug/ml



#12 Fluoranthene (C21.85)

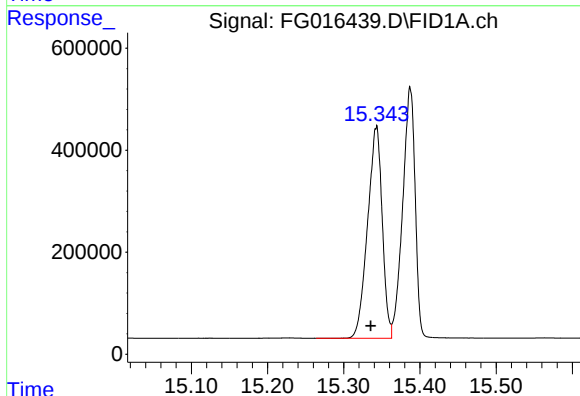
R.T.: 13.146 min
Delta R.T.: 0.005 min
Response: 5880746
Conc: 48.54 ug/ml



#13 Pyrene (C20.8)

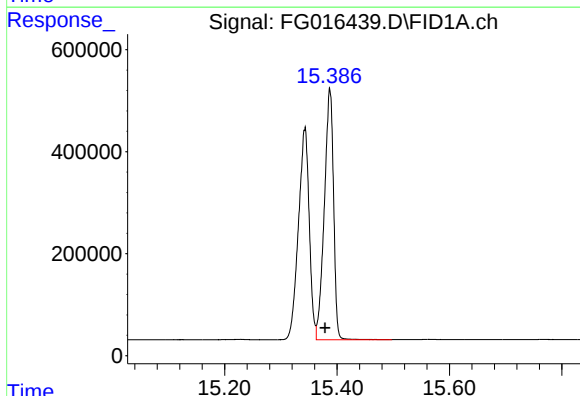
R.T.: 13.448 min
Delta R.T.: 0.006 min
Response: 5810162
Conc: 48.59 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



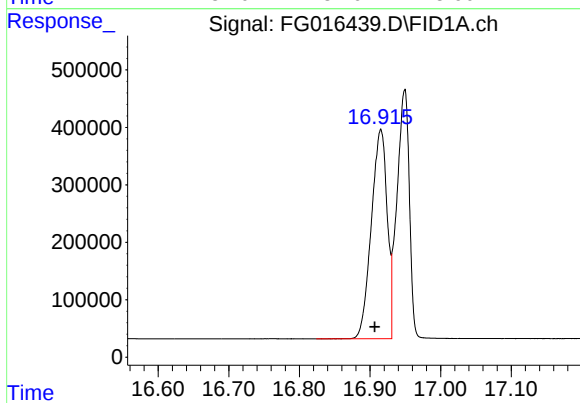
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.343 min
Delta R.T.: 0.007 min
Response: 5538911
Conc: 48.83 ug/ml



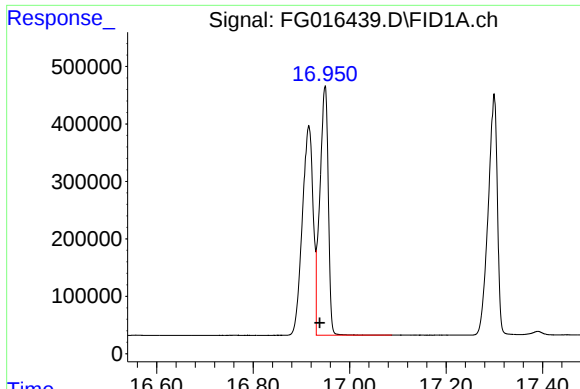
#15 Chrysene (C27.41)

R.T.: 15.387 min
Delta R.T.: 0.009 min
Response: 5622701
Conc: 47.70 ug/ml



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

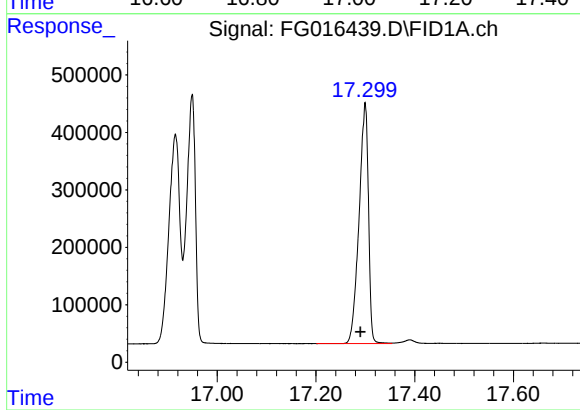
R.T.: 16.915 min
Delta R.T.: 0.008 min
Response: 5659272
Conc: 49.01 ug/ml



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

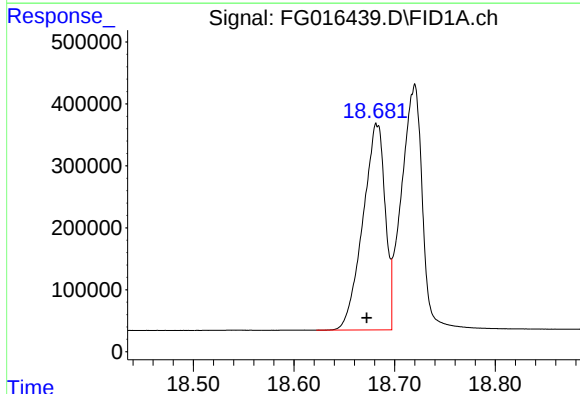
R.T.: 16.949 min
Delta R.T.: 0.011 min
Response: 5297753
Conc: 47.12 ug/ml

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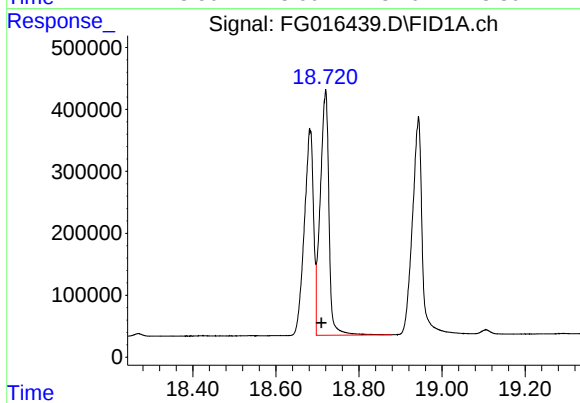
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.299 min
Delta R.T.: 0.009 min
Response: 5535865
Conc: 47.95 ug/ml



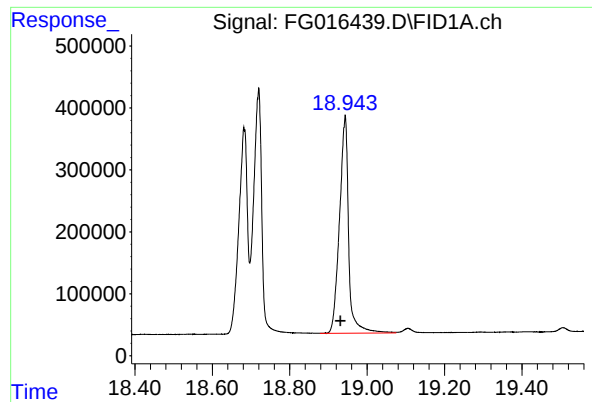
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.682 min
Delta R.T.: 0.010 min
Response: 5119103
Conc: 49.45 ug/ml



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

R.T.: 18.719 min
Delta R.T.: 0.010 min
Response: 5805586
Conc: 45.63 ug/ml



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

R.T.: 18.943 min
Delta R.T.: 0.012 min
Response: 5788060
Conc: 47.11 ug/ml

Instrument :
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ClientSampleId :
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