

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AR\
 Data File : FG016083.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 20:26
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 16 05:21:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:20:17 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...	8.131	5357109	48.560 ug/ml
Spiked Amount 50.000		Recovery =	97.12%
6) S 2-Fluorobiphenyl (SURR)	9.012	3701187	48.528 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.06%
11) S ortho-Terphenyl (SURR)	12.097	6290589	48.188 ug/ml
Spiked Amount 50.000		Recovery =	96.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.719	5813558	48.548 ug/ml
2) T Naphthalene (C11.7)	6.399	6159238	48.614 ug/ml
3) T 2-Methylnaphthalene (...)	7.501	6274497	48.586 ug/ml
5) T Acenaphthylene (C15.06)	8.813	6204939	48.518 ug/ml
7) T Acenaphthene (C15.5)	9.115	6184875	48.505 ug/ml
8) T Flouorene (C16.55)	9.908	6180580	48.389 ug/ml
9) T Phenanthrene (C19.36)	11.324	6164541	48.178 ug/ml
10) T Anthracene (C19.43)	11.400	6158480	48.049 ug/ml
12) T Fluoranthene (C21.85)	13.157	6166529	47.855 ug/ml
13) T Pyrene (C20.8)	13.459	6107147	47.845 ug/ml
14) T Benzo[a]anthracene (C...	15.350	5992702	47.573 ug/ml
15) T Chrysene (C27.41)	15.395	6033992	47.504 ug/ml
16) T benzo[b]fluoranthene ...	16.916	5981463	47.567 ug/ml
17) T Bnezo[k]fluoranthene ...	16.952	5604673	47.291 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.300	5828050	47.497 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.679	5428955	48.449 ug/ml
20) T Dibenz[a,h]anthracene...	18.719	5529602	46.630 ug/ml
21) T Benzo[g,h,i]perylene ...	18.940	5598873	47.622 ug/ml

(f)=RT Delta > 1/2 Window

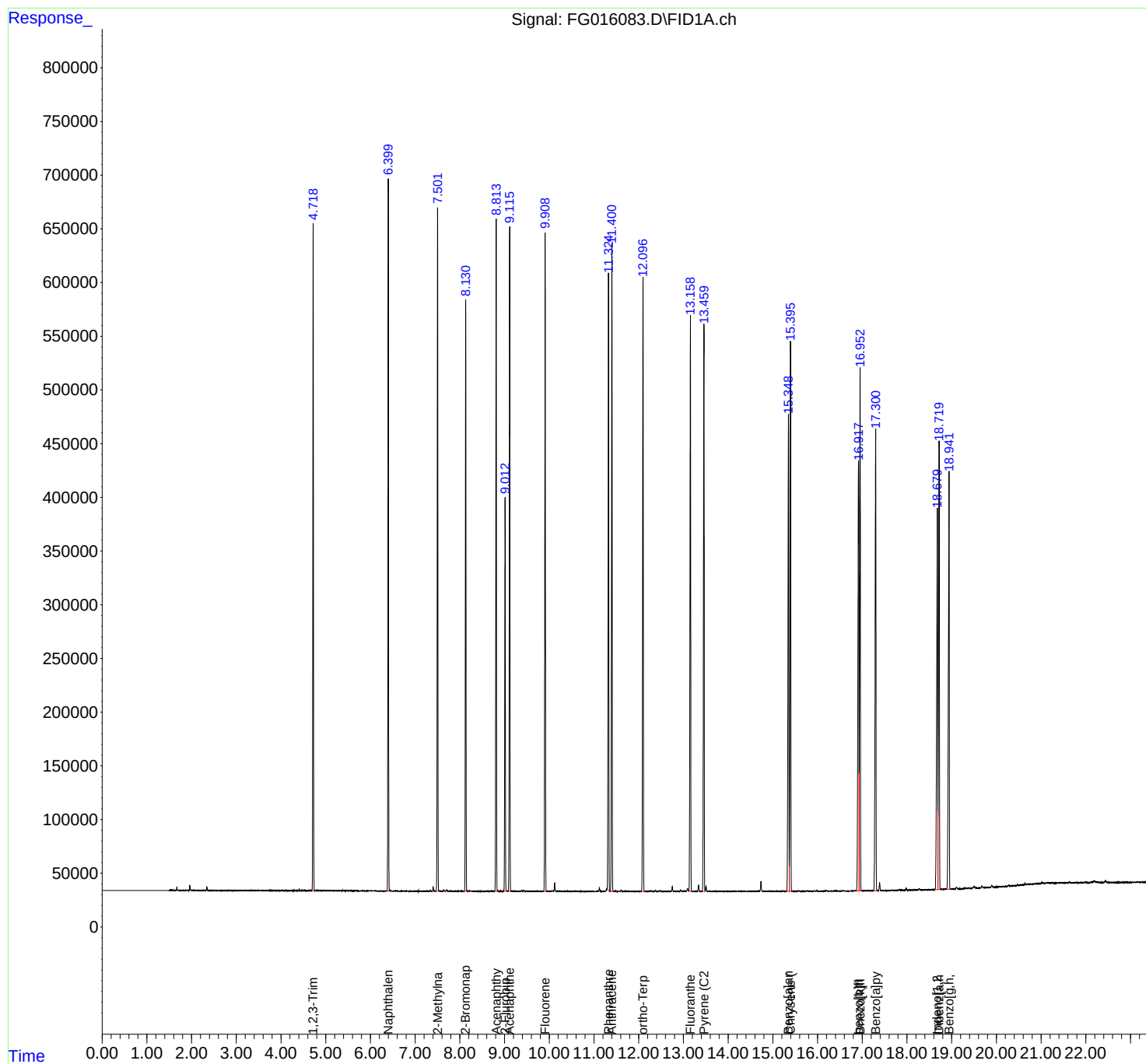
(m)=manual int.

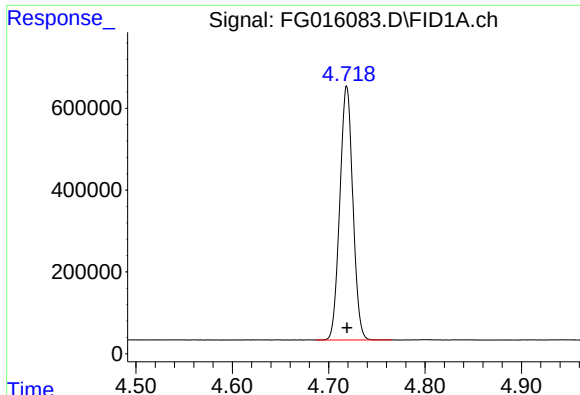
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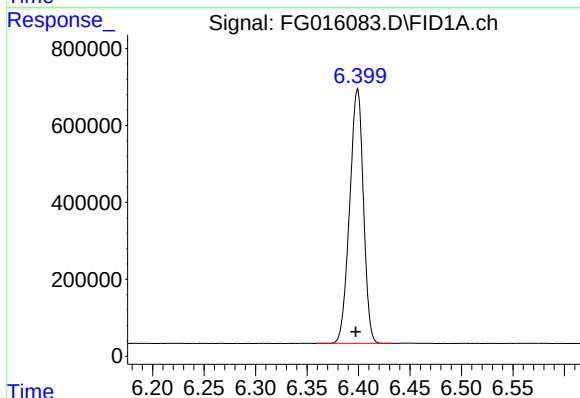




#1 1,2,3-Trimethylbenzene (C10.1)

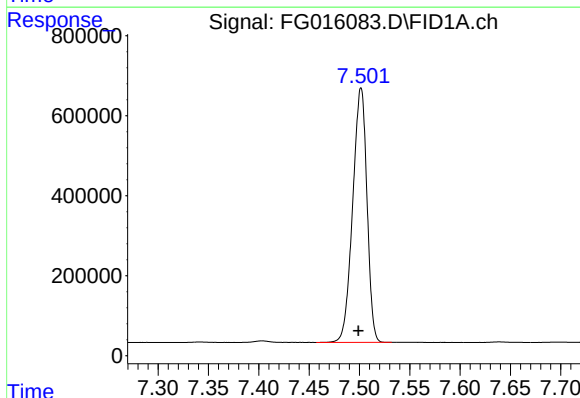
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 5813558
Conc: 48.55 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



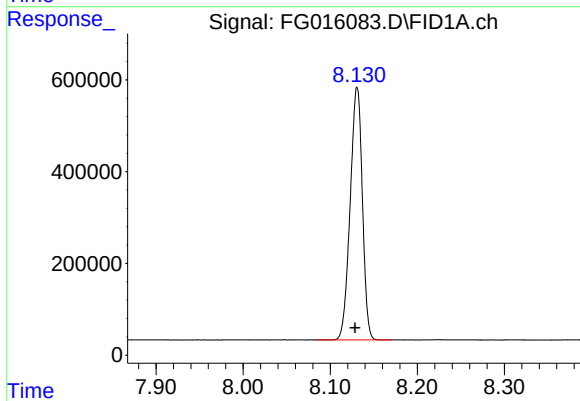
#2 Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: 0.002 min
Response: 6159238
Conc: 48.61 ug/ml



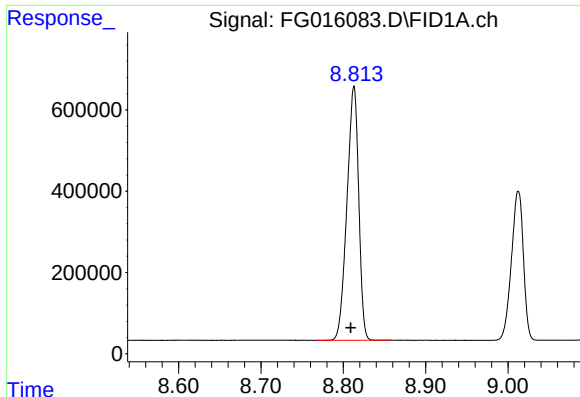
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 6274497
Conc: 48.59 ug/ml



#4 2-Bromonaphthalene (SURR)

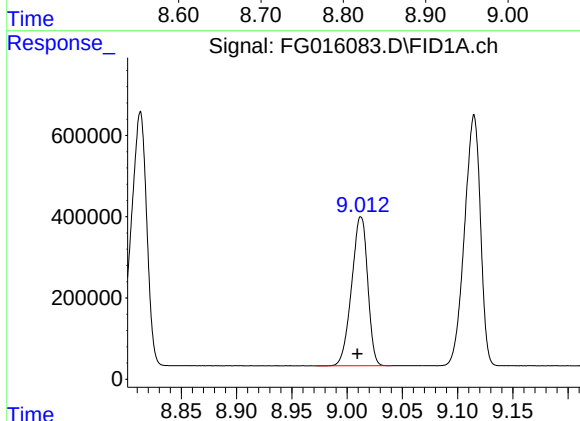
R.T.: 8.131 min
Delta R.T.: 0.002 min
Response: 5357109
Conc: 48.56 ug/ml



#5 Acenaphthylene (C15.06)

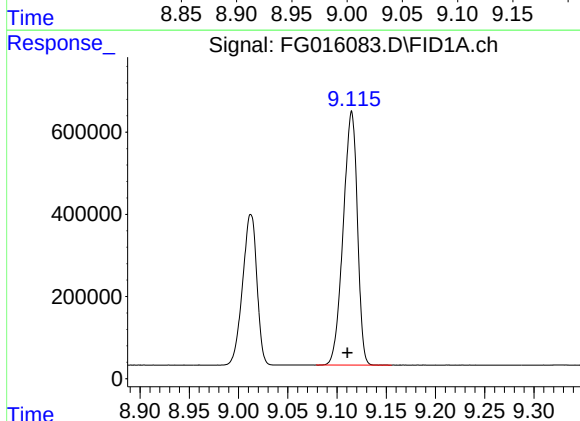
R.T.: 8.813 min
Delta R.T.: 0.003 min
Response: 6204939
Conc: 48.52 ug/ml

Instrument :
FID_G
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50 PPM AROMATIC HC STD2



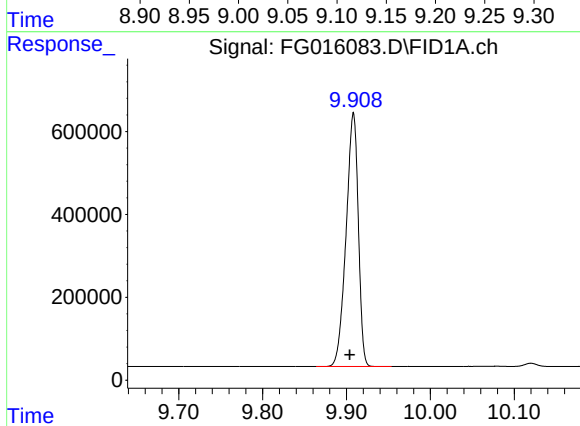
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.012 min
Delta R.T.: 0.003 min
Response: 3701187
Conc: 48.53 ug/ml



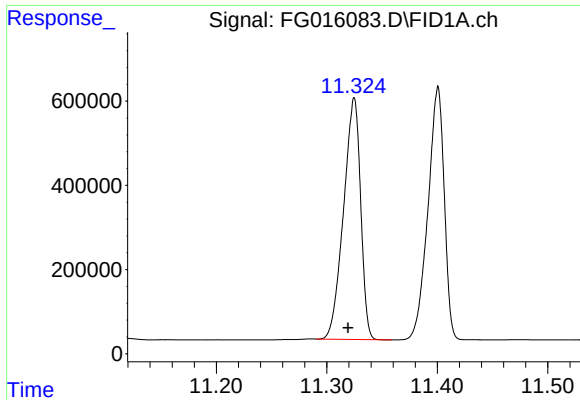
#7 Acenaphthene (C15.5)

R.T.: 9.115 min
Delta R.T.: 0.004 min
Response: 6184875
Conc: 48.51 ug/ml



#8 Fluorene (C16.55)

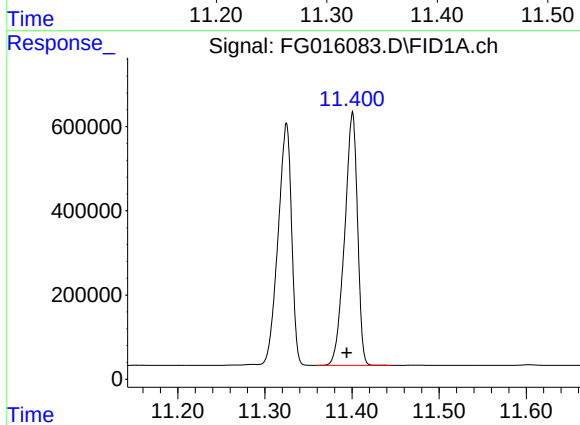
R.T.: 9.908 min
Delta R.T.: 0.004 min
Response: 6180580
Conc: 48.39 ug/ml



#9 Phenanthrene (C19.36)

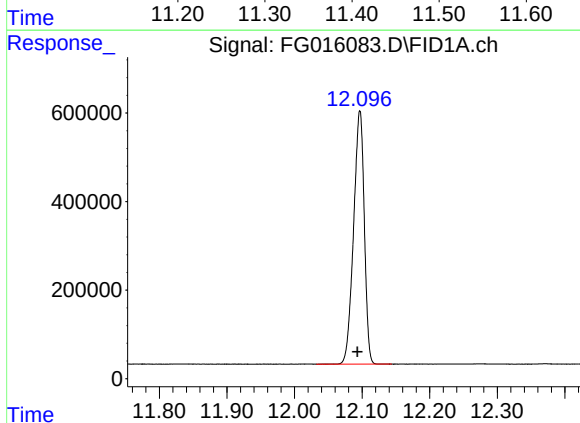
R.T.: 11.324 min
Delta R.T.: 0.005 min
Response: 6164541
Conc: 48.18 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



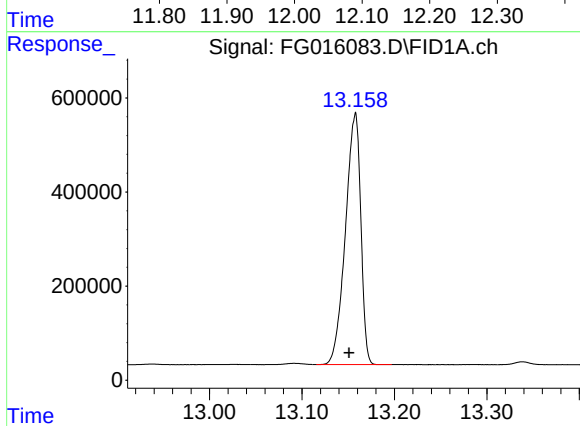
#10 Anthracene (C19.43)

R.T.: 11.400 min
Delta R.T.: 0.006 min
Response: 6158480
Conc: 48.05 ug/ml



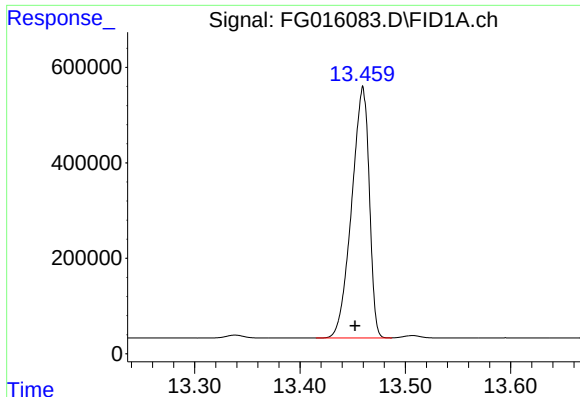
#11 ortho-Terphenyl (SURR)

R.T.: 12.097 min
Delta R.T.: 0.004 min
Response: 6290589
Conc: 48.19 ug/ml



#12 Fluoranthene (C21.85)

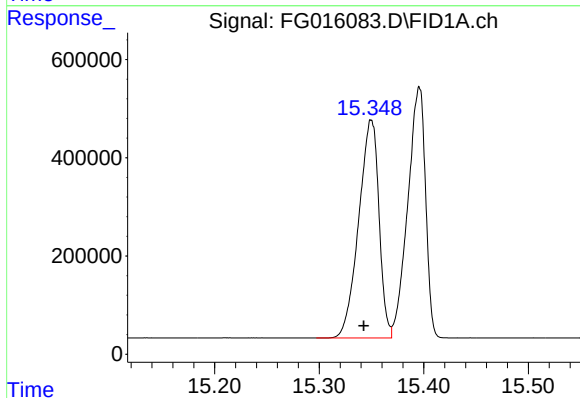
R.T.: 13.157 min
Delta R.T.: 0.006 min
Response: 6166529
Conc: 47.86 ug/ml



#13 Pyrene (C20.8)

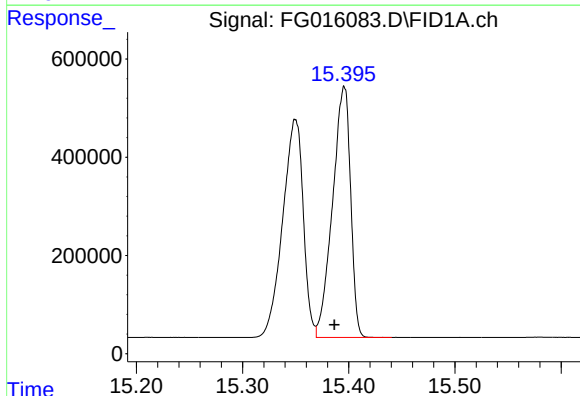
R.T.: 13.459 min
Delta R.T.: 0.007 min
Response: 6107147
Conc: 47.84 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



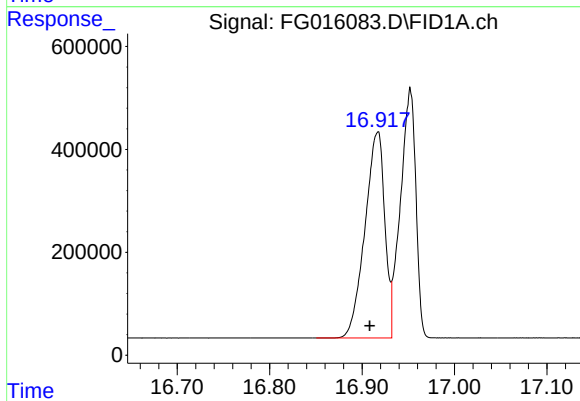
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.350 min
Delta R.T.: 0.007 min
Response: 5992702
Conc: 47.57 ug/ml



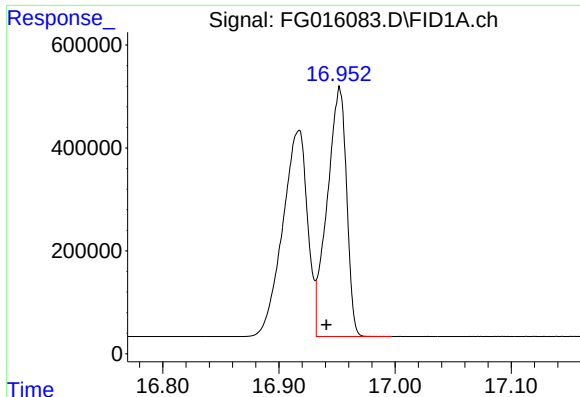
#15 Chrysene (C27.41)

R.T.: 15.395 min
Delta R.T.: 0.009 min
Response: 6033992
Conc: 47.50 ug/ml



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

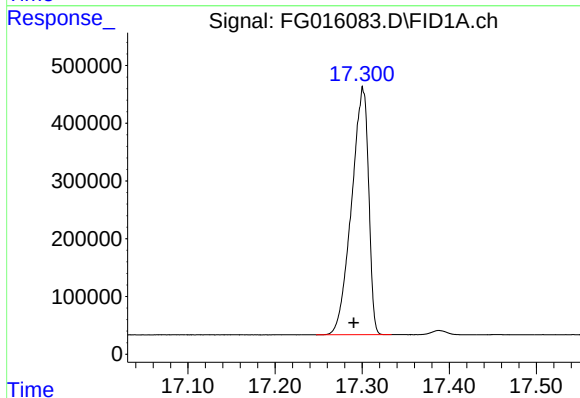
R.T.: 16.916 min
Delta R.T.: 0.008 min
Response: 5981463
Conc: 47.57 ug/ml



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

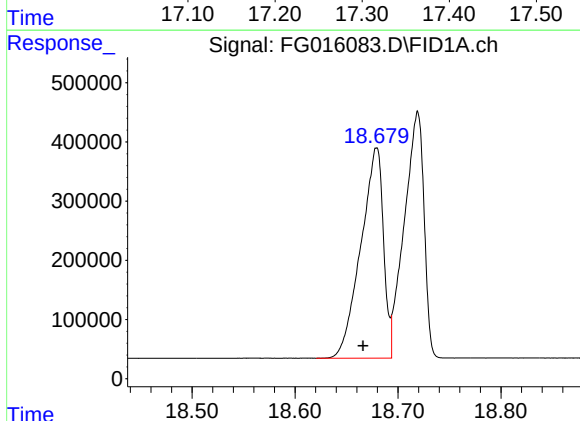
R.T.: 16.952 min
Delta R.T.: 0.011 min
Response: 5604673
Conc: 47.29 ug/ml

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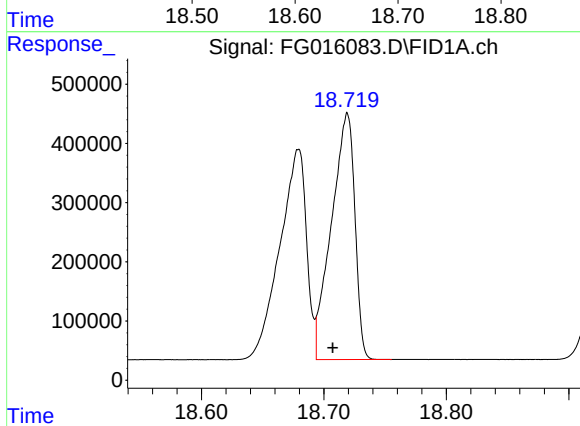
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.300 min
Delta R.T.: 0.010 min
Response: 5828050
Conc: 47.50 ug/ml



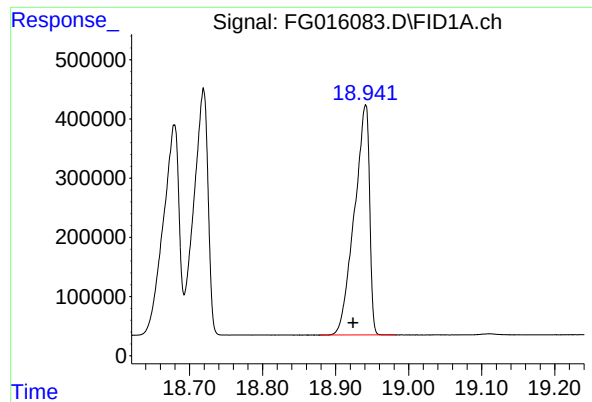
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.679 min
Delta R.T.: 0.012 min
Response: 5428955
Conc: 48.45 ug/ml



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

R.T.: 18.719 min
Delta R.T.: 0.011 min
Response: 5529602
Conc: 46.63 ug/ml



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

R.T.: 18.940 min
Delta R.T.: 0.016 min
Response: 5598873
Conc: 47.62 ug/ml

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