

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AR\
 Data File : FG015306.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 18:08
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 06 02:54:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 02:53:06 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...	7.987	5663025	49.510 ug/ml
Spiked Amount 50.000		Recovery =	99.02%
6) S 2-Fluorobiphenyl (SURR)	8.866	3911873	49.513 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.03%
11) S ortho-Terphenyl (SURR)	11.943	6473143	49.345 ug/ml
Spiked Amount 50.000		Recovery =	98.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.575	5907385	49.444 ug/ml
2) T Naphthalene (C11.7)	6.255	6306324	49.587 ug/ml
3) T 2-Methylnaphthalene (...)	7.357	6248646	49.517 ug/ml
5) T Acenaphthylene (C15.06)	8.666	6444568	49.391 ug/ml
7) T Acenaphthene (C15.5)	8.967	6300148	49.382 ug/ml
8) T Fluorene (C16.55)	9.760	6447108	49.557 ug/ml
9) T Phenanthrene (C19.36)	11.173	6279559	49.716 ug/ml
10) T Anthracene (C19.43)	11.249	6114182	49.304 ug/ml
12) T Fluoranthene (C21.85)	13.003	6166590	49.612 ug/ml
13) T Pyrene (C20.8)	13.303	6103116	49.637 ug/ml
14) T Benzo[a]anthracene (C...	15.191	5907774	49.620 ug/ml
15) T Chrysene (C27.41)	15.236	5883519	49.266 ug/ml
16) T benzo[b]fluoranthene ...	16.756	5993676	49.582 ug/ml
17) T Bnezo[k]fluoranthene ...	16.792	5911662	49.090 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.140	5811768	49.535 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.518	5945474	50.374 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	6131738	48.267 ug/ml
21) T Benzo[g,h,i]perylene ...	18.779	6254114	49.423 ug/ml

(f)=RT Delta > 1/2 Window

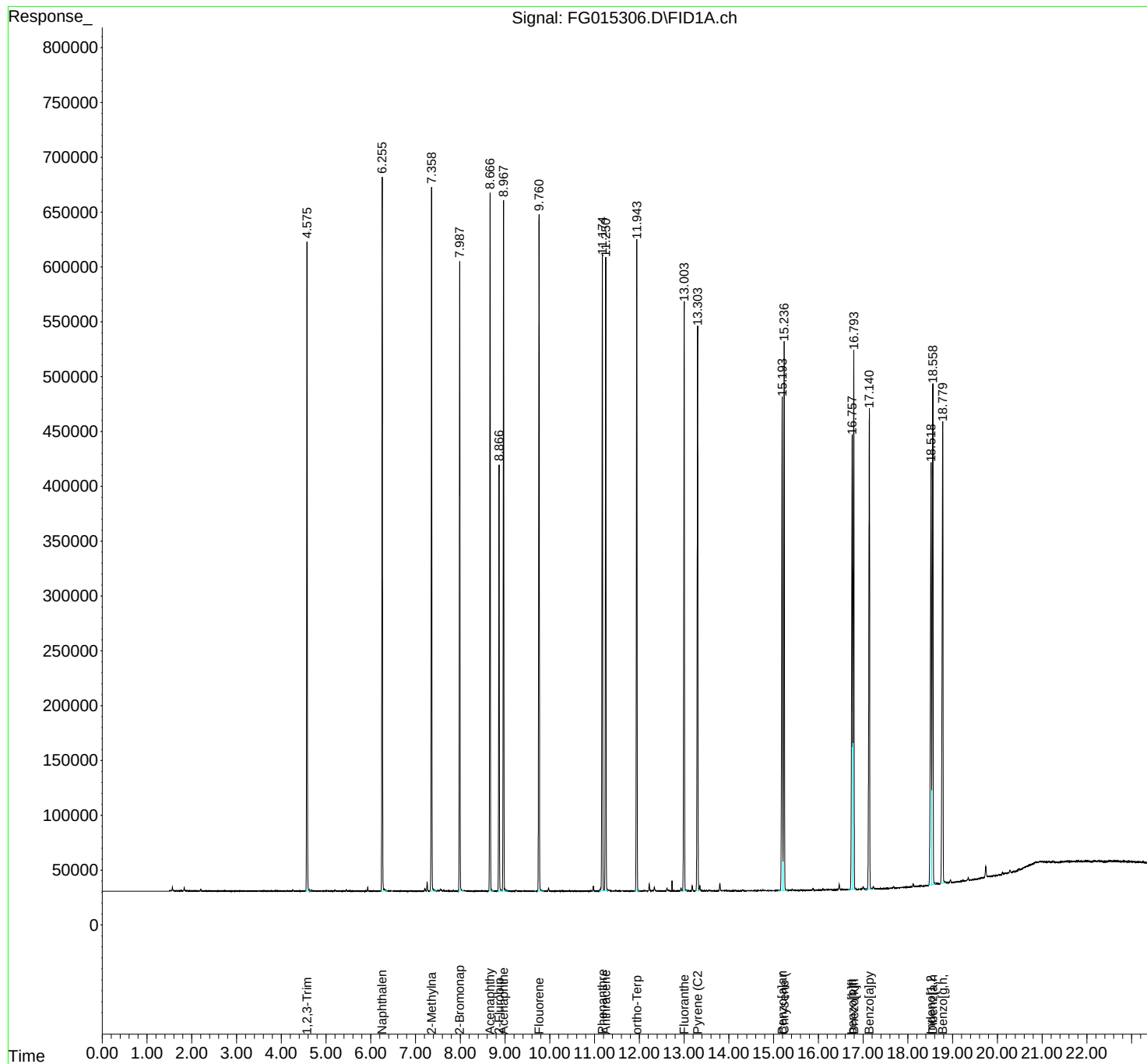
(m)=manual int.

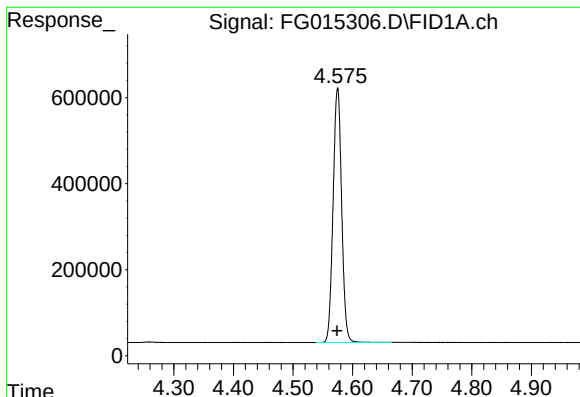
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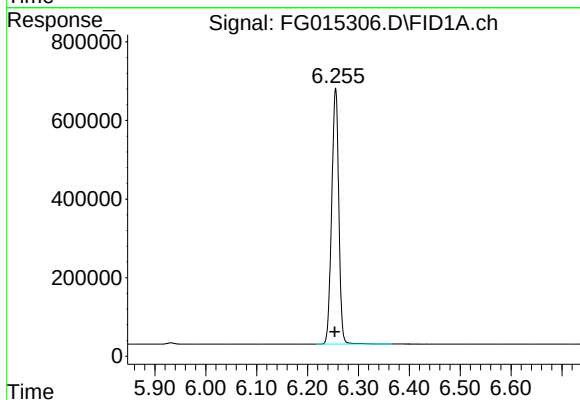




#1 1,2,3-Trimethylbenzene (C10.1)

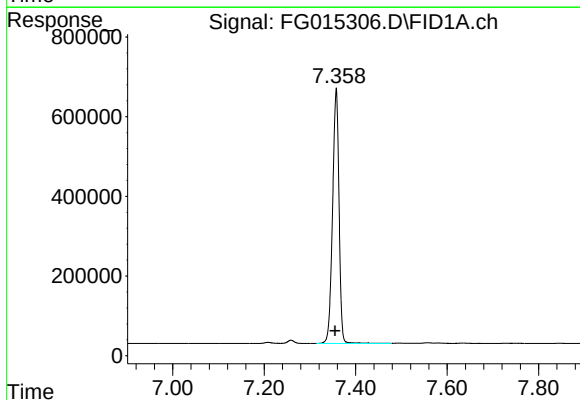
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 5907385
Conc: 49.44 ug/ml

Instrument :
FID_G
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50 PPM AROMATIC HC STD2



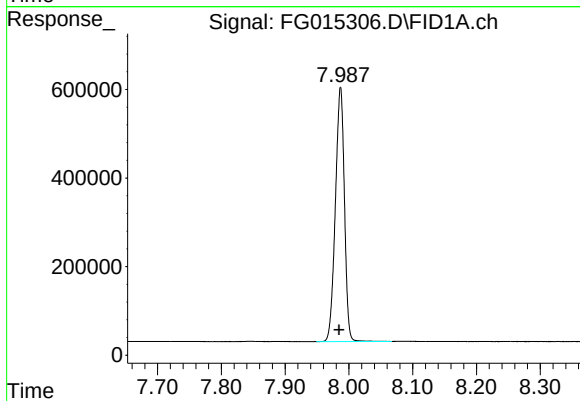
#2 Naphthalene (C11.7)

R.T.: 6.255 min
Delta R.T.: 0.002 min
Response: 6306324
Conc: 49.59 ug/ml



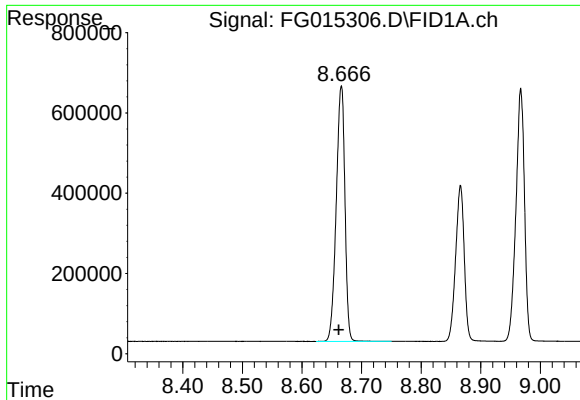
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: 0.002 min
Response: 6248646
Conc: 49.52 ug/ml



#4 2-Bromonaphthalene (SURR)

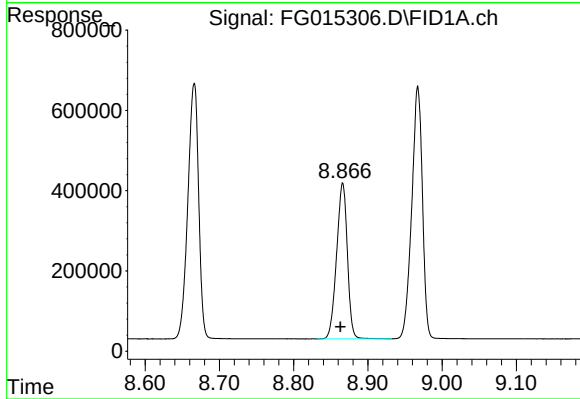
R.T.: 7.987 min
Delta R.T.: 0.002 min
Response: 5663025
Conc: 49.51 ug/ml



#5 Acenaphthylene (C15.06)

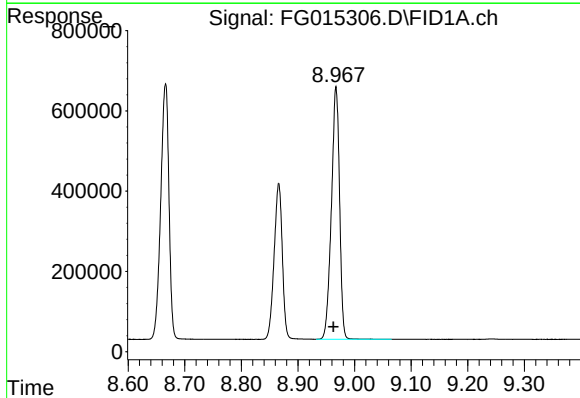
R.T.: 8.666 min
Delta R.T.: 0.004 min
Response: 6444568
Conc: 49.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



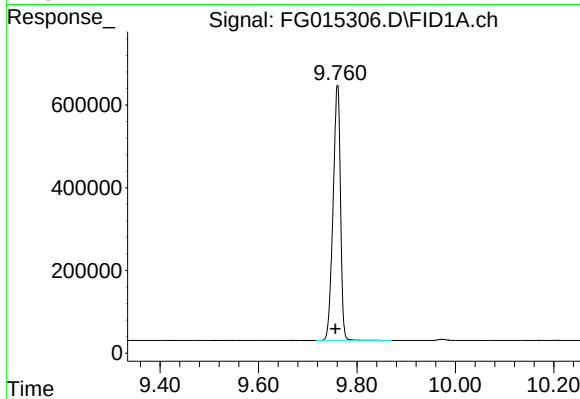
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.003 min
Response: 3911873
Conc: 49.51 ug/ml



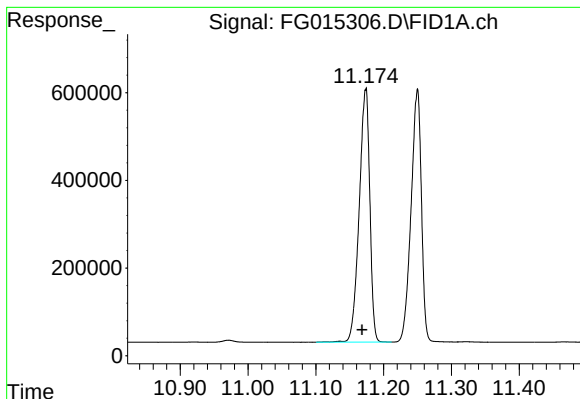
#7 Acenaphthene (C15.5)

R.T.: 8.967 min
Delta R.T.: 0.004 min
Response: 6300148
Conc: 49.38 ug/ml



#8 Fluorene (C16.55)

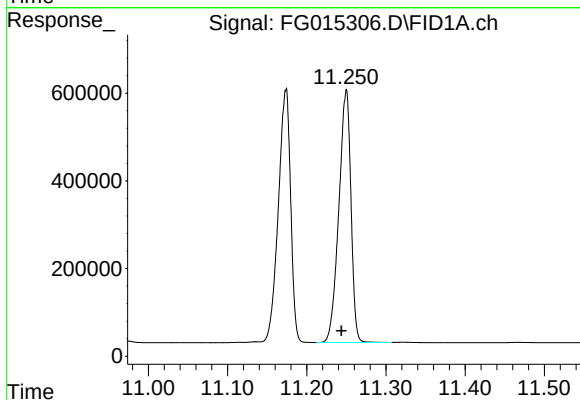
R.T.: 9.760 min
Delta R.T.: 0.004 min
Response: 6447108
Conc: 49.56 ug/ml



#9 Phenanthrene (C19.36)

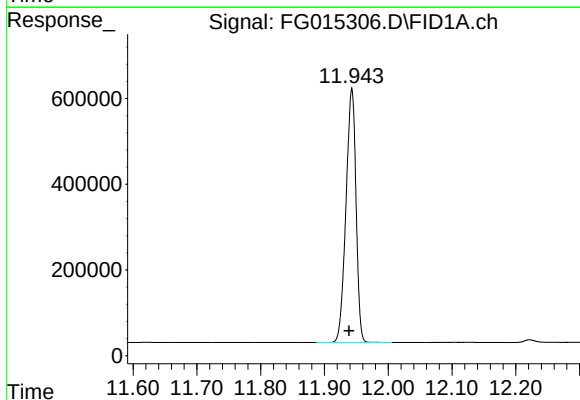
R.T.: 11.173 min
Delta R.T.: 0.005 min
Response: 6279559
Conc: 49.72 ug/ml

Instrument :
FID_G
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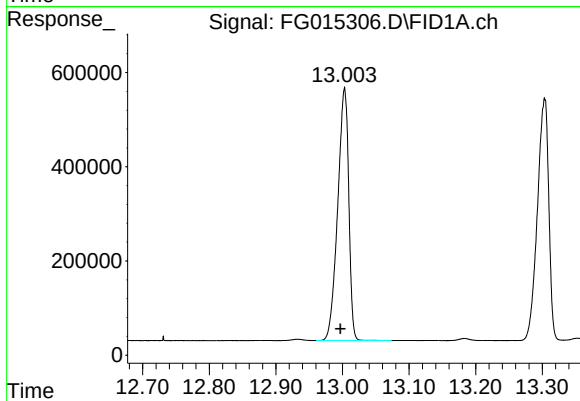
#10 Anthracene (C19.43)

R.T.: 11.249 min
Delta R.T.: 0.006 min
Response: 6114182
Conc: 49.30 ug/ml



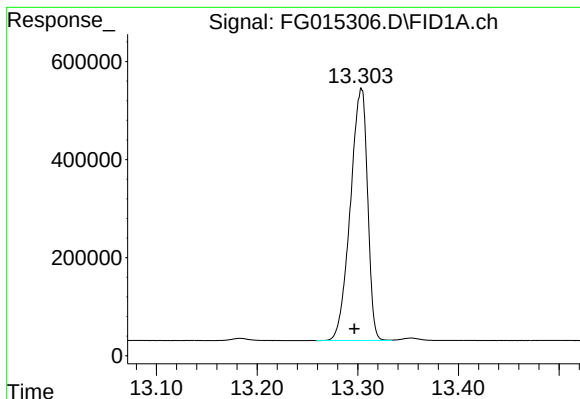
#11 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: 0.004 min
Response: 6473143
Conc: 49.35 ug/ml



#12 Fluoranthene (C21.85)

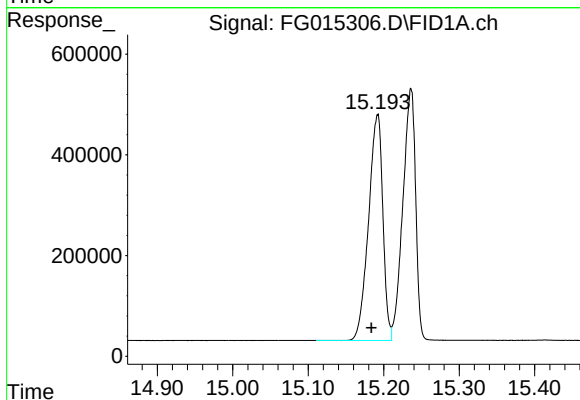
R.T.: 13.003 min
Delta R.T.: 0.006 min
Response: 6166590
Conc: 49.61 ug/ml



#13 Pyrene (C20.8)

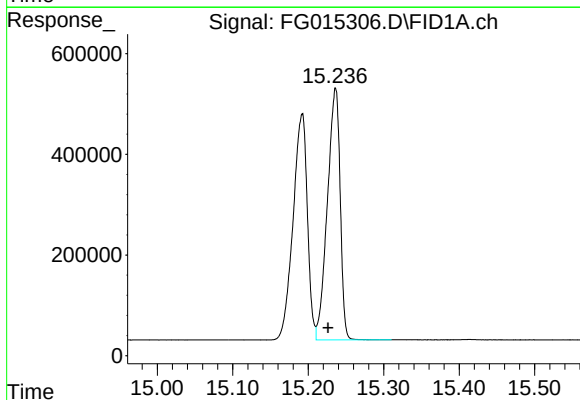
R.T.: 13.303 min
Delta R.T.: 0.006 min
Response: 6103116
Conc: 49.64 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



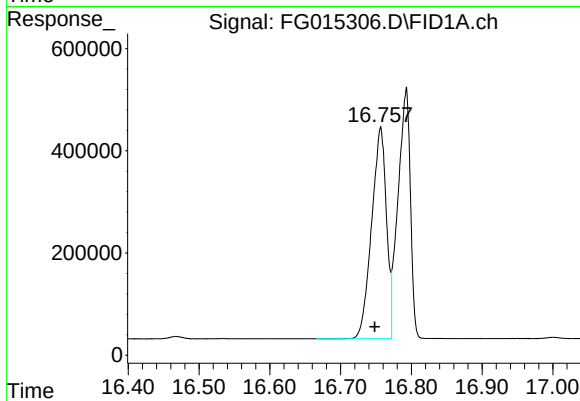
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.191 min
Delta R.T.: 0.008 min
Response: 5907774
Conc: 49.62 ug/ml



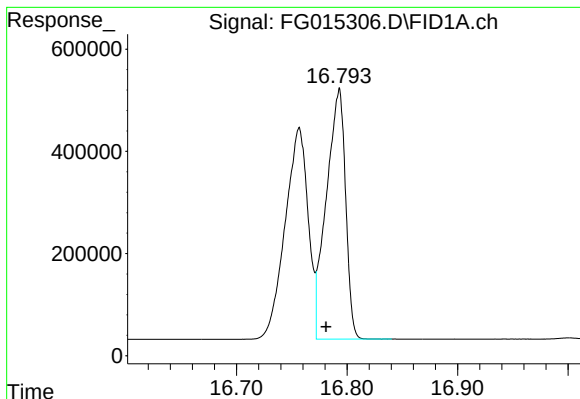
#15 Chrysene (C27.41)

R.T.: 15.236 min
Delta R.T.: 0.009 min
Response: 5883519
Conc: 49.27 ug/ml



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

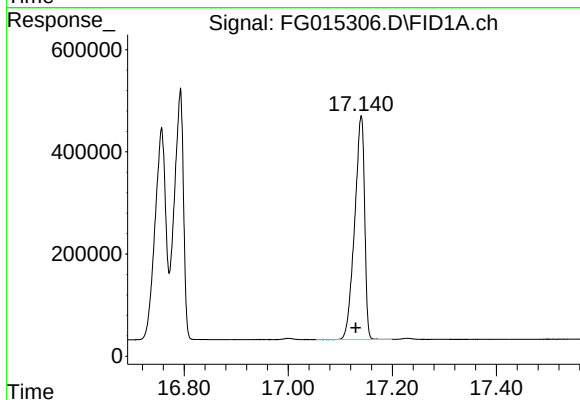
R.T.: 16.756 min
Delta R.T.: 0.008 min
Response: 5993676
Conc: 49.58 ug/ml



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

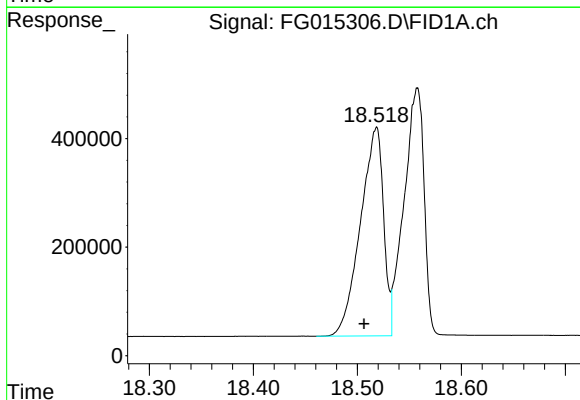
R.T.: 16.792 min
Delta R.T.: 0.011 min
Response: 5911662
Conc: 49.09 ug/ml

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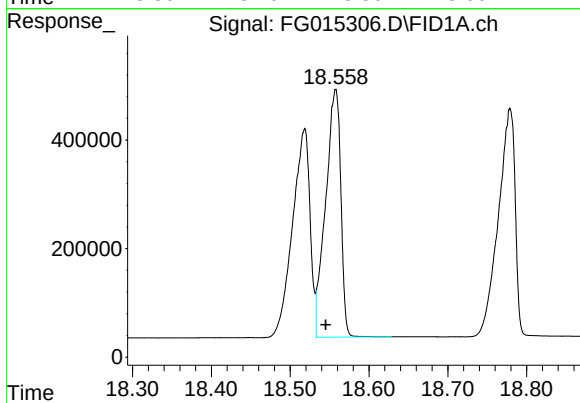
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.140 min
Delta R.T.: 0.010 min
Response: 5811768
Conc: 49.53 ug/ml



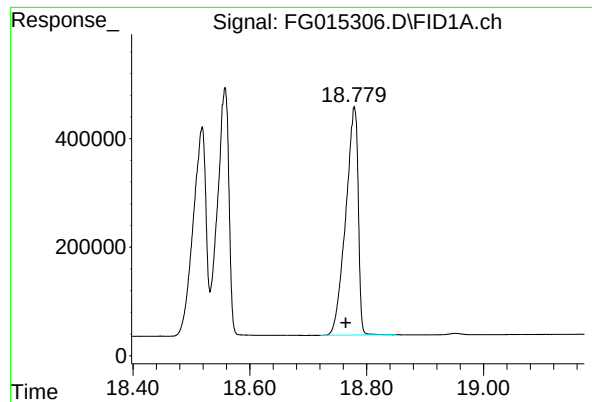
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.518 min
Delta R.T.: 0.011 min
Response: 5945474
Conc: 50.37 ug/ml



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

R.T.: 18.557 min
Delta R.T.: 0.012 min
Response: 6131738
Conc: 48.27 ug/ml



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

R.T.: 18.779 min
Delta R.T.: 0.014 min
Response: 6254114
Conc: 49.42 ug/ml

Instrument :

FID_G

ClientSampleId :

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