

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AR\
 Data File : FG015309.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 19:33
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 06 02:55:46 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...	7.984	627634	5.487 ug/ml
Spiked Amount 50.000		Recovery =	10.97%
6) S 2-Fluorobiphenyl (SURR)	8.862	430406	5.448 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.90%
11) S ortho-Terphenyl (SURR)	11.938	736073	5.611 ug/ml
Spiked Amount 50.000		Recovery =	11.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.575	663948	5.557 ug/ml
2) T Naphthalene (C11.7)	6.253	693117	5.450 ug/ml
3) T 2-Methylnaphthalene (...)	7.355	690060	5.468 ug/ml
5) T Acenaphthylene (C15.06)	8.661	720538	5.522 ug/ml
7) T Acenaphthene (C15.5)	8.961	703289	5.513 ug/ml
8) T Fluorene (C16.55)	9.754	719415	5.530 ug/ml
9) T Phenanthrene (C19.36)	11.166	706024	5.590 ug/ml
10) T Anthracene (C19.43)	11.241	701756	5.659 ug/ml
12) T Fluoranthene (C21.85)	12.993	690823	5.558 ug/ml
13) T Pyrene (C20.8)	13.293	680647	5.536 ug/ml
14) T Benzo[a]anthracene (C...	15.180	661499	5.556 ug/ml
15) T Chrysene (C27.41)	15.222	680004	5.694 ug/ml
16) T benzo[b]fluoranthene ...	16.742	675103	5.585 ug/ml
17) T Bnezo[k]fluoranthene ...	16.774	684199	5.682 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.124	658784	5.615 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.499	654482	5.545 ug/ml
20) T Dibenz[a,h]anthracene...	18.538	736050	5.794 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	708322	5.598 ug/ml

(f)=RT Delta > 1/2 Window

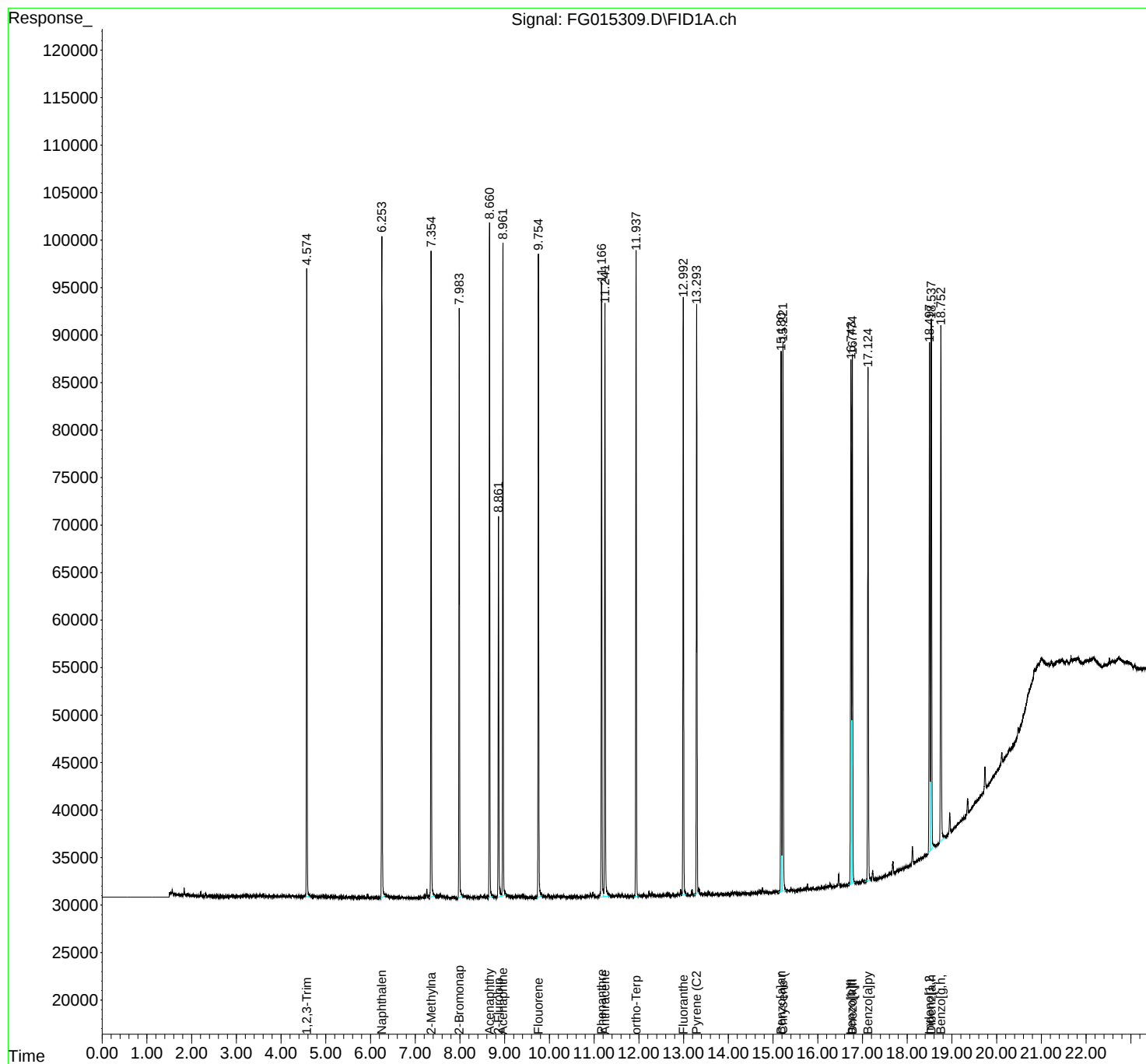
(m)=manual int.

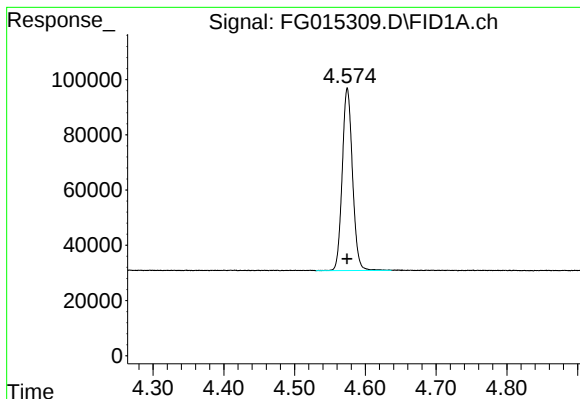
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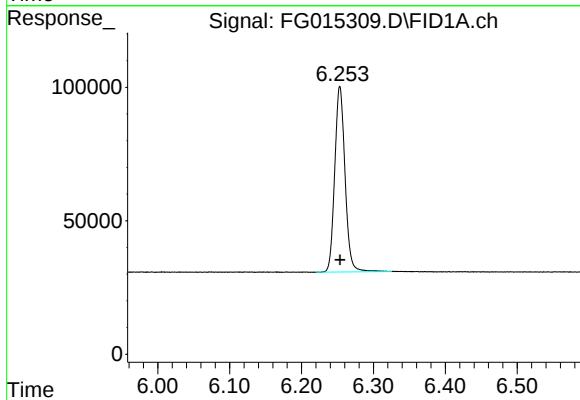




#1 1,2,3-Trimethylbenzene (C10.1)

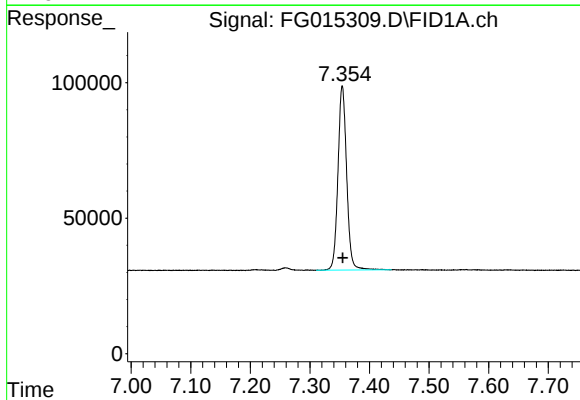
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 663948
Conc: 5.56 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



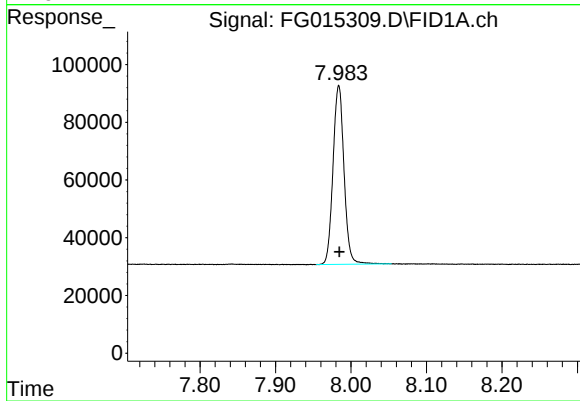
#2 Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 693117
Conc: 5.45 ug/ml



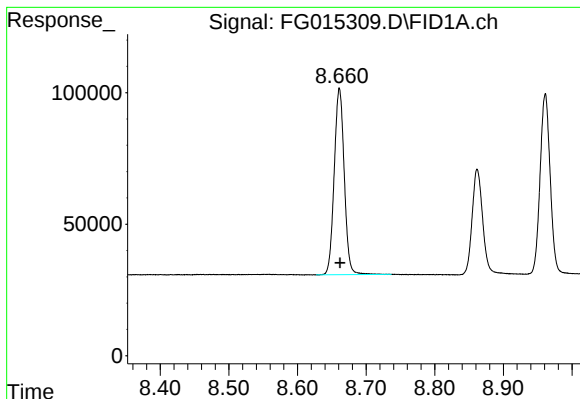
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 690060
Conc: 5.47 ug/ml



#4 2-Bromonaphthalene (SURR)

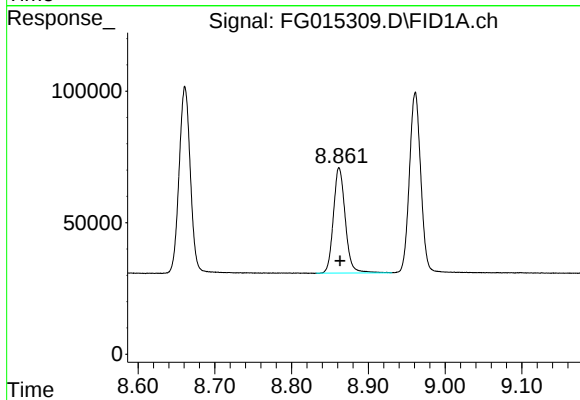
R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 627634
Conc: 5.49 ug/ml



#5 Acenaphthylene (C15.06)

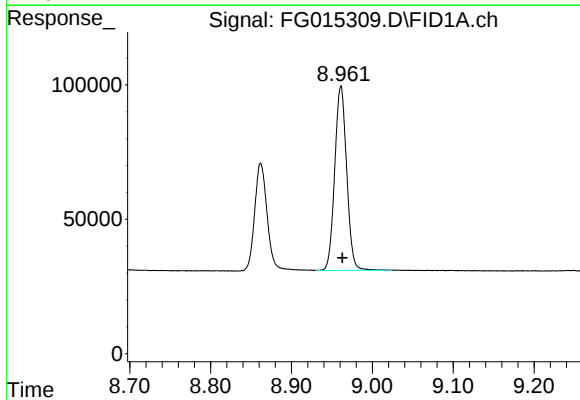
R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 720538
Conc: 5.52 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



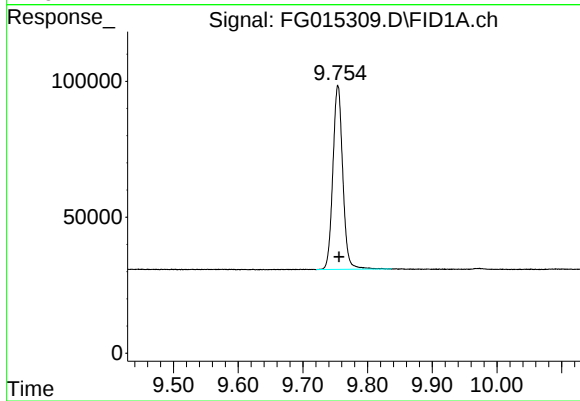
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 430406
Conc: 5.45 ug/ml



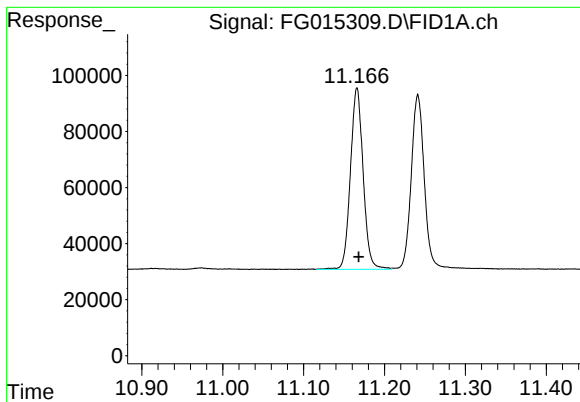
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: -0.002 min
Response: 703289
Conc: 5.51 ug/ml



#8 Fluorene (C16.55)

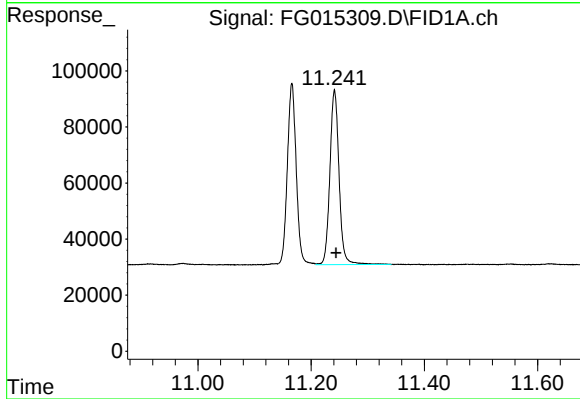
R.T.: 9.754 min
Delta R.T.: -0.002 min
Response: 719415
Conc: 5.53 ug/ml



#9 Phenanthrene (C19.36)

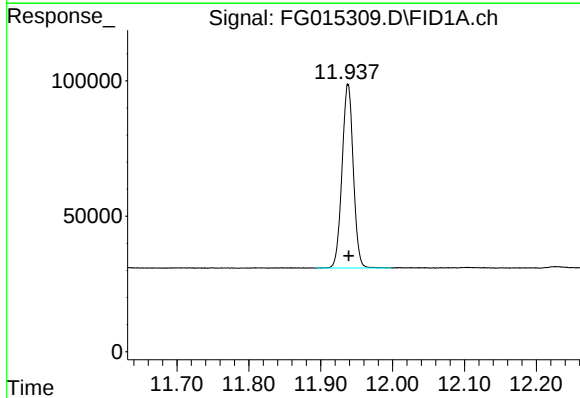
R.T.: 11.166 min
Delta R.T.: -0.002 min
Response: 706024
Conc: 5.59 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



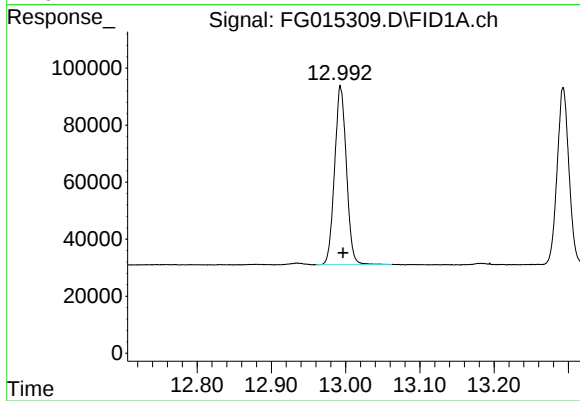
#10 Anthracene (C19.43)

R.T.: 11.241 min
Delta R.T.: -0.002 min
Response: 701756
Conc: 5.66 ug/ml



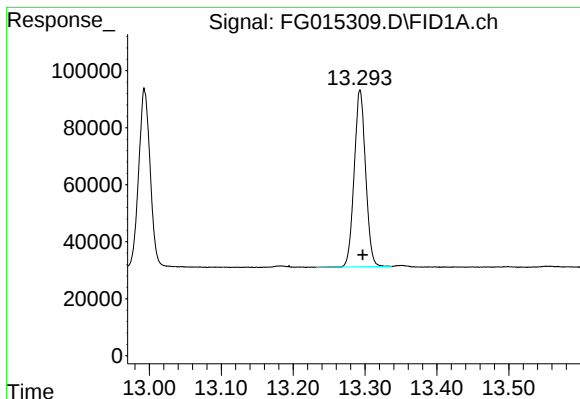
#11 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: 0.000 min
Response: 736073
Conc: 5.61 ug/ml



#12 Fluoranthene (C21.85)

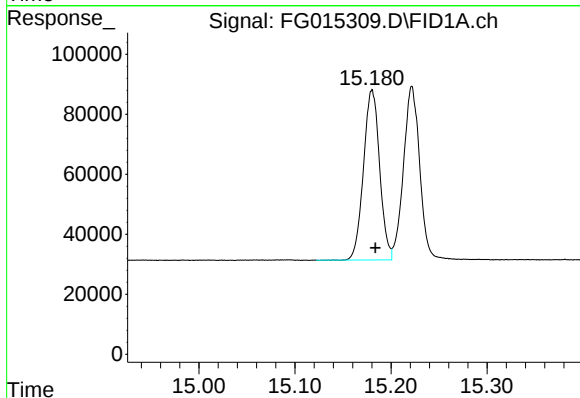
R.T.: 12.993 min
Delta R.T.: -0.003 min
Response: 690823
Conc: 5.56 ug/ml



#13 Pyrene (C20.8)

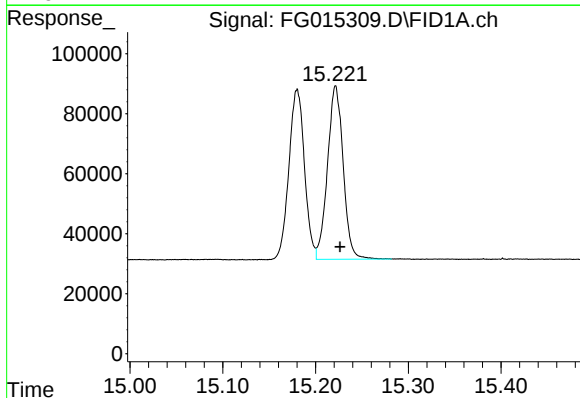
R.T.: 13.293 min
Delta R.T.: -0.004 min
Response: 680647
Conc: 5.54 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



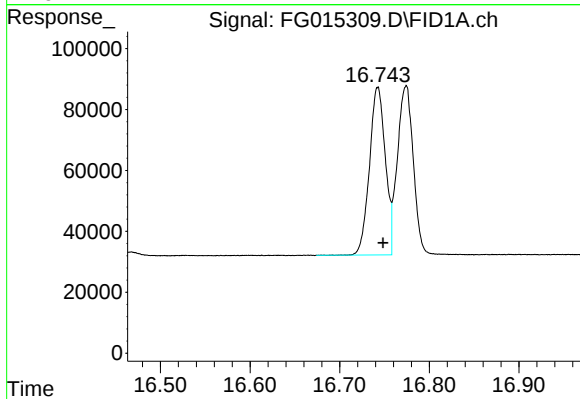
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.180 min
Delta R.T.: -0.003 min
Response: 661499
Conc: 5.56 ug/ml



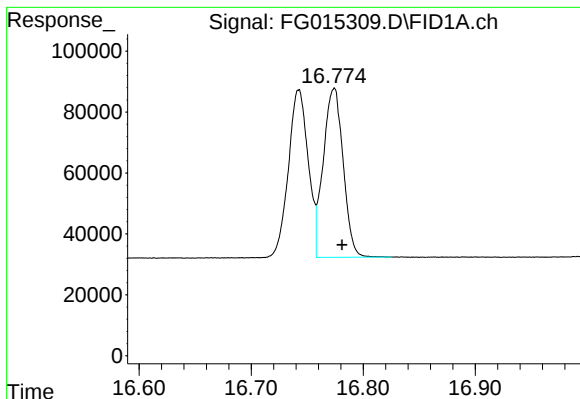
#15 Chrysene (C27.41)

R.T.: 15.222 min
Delta R.T.: -0.005 min
Response: 680004
Conc: 5.69 ug/ml



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

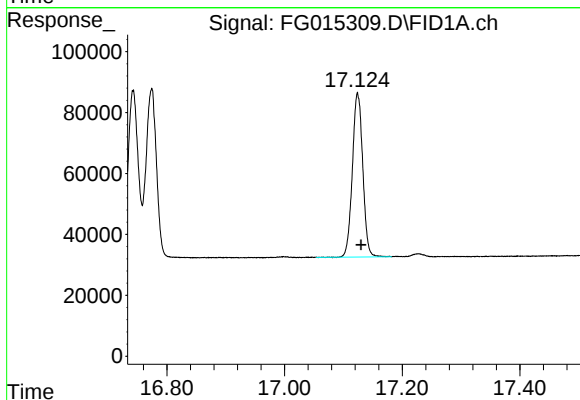
R.T.: 16.742 min
Delta R.T.: -0.006 min
Response: 675103
Conc: 5.58 ug/ml



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

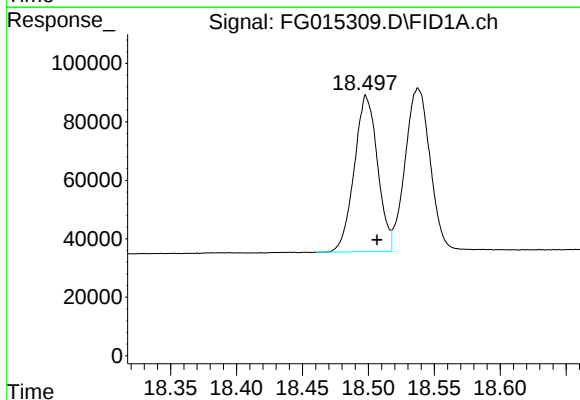
R.T.: 16.774 min
Delta R.T.: -0.007 min
Response: 684199
Conc: 5.68 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



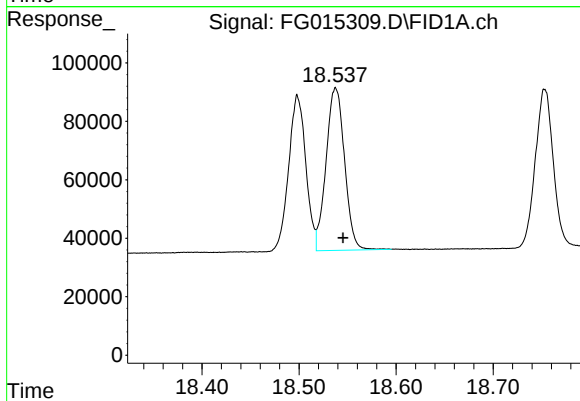
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.124 min
Delta R.T.: -0.005 min
Response: 658784
Conc: 5.61 ug/ml



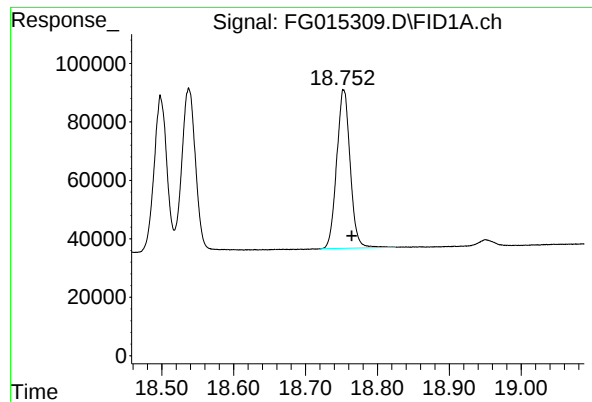
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.499 min
Delta R.T.: -0.008 min
Response: 654482
Conc: 5.55 ug/ml



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

R.T.: 18.538 min
Delta R.T.: -0.008 min
Response: 736050
Conc: 5.79 ug/ml



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

R.T.: 18.753 min
Delta R.T.: -0.011 min
Response: 708322
Conc: 5.60 ug/ml

Instrument :

FID_G

ClientSampleId :

5 PPM AROMATIC HC STD5