

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AR\
 Data File : FG015307.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 18:36
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 06 02:54:59 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...	7.985	2287648	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.863	1580148	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.939	2623619	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.574	2389542	20.000 ug/ml
2) T Naphthalene (C11.7)	6.253	2543536	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.355	2523833	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.662	2609603	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.963	2551592	20.000 ug/ml
8) T Flouorene (C16.55)	9.756	2601899	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.168	2526153	20.000 ug/ml
10) T Anthracene (C19.43)	11.244	2480175	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.997	2485941	20.000 ug/ml
13) T Pyrene (C20.8)	13.297	2459086	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.184	2381194	20.000 ug/ml
15) T Chrysene (C27.41)	15.226	2388489	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.748	2417696	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.781	2408487	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.130	2346536	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.507	2360545	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.545	2540755	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.764	2530834	20.000 ug/ml

(f)=RT Delta > 1/2 Window

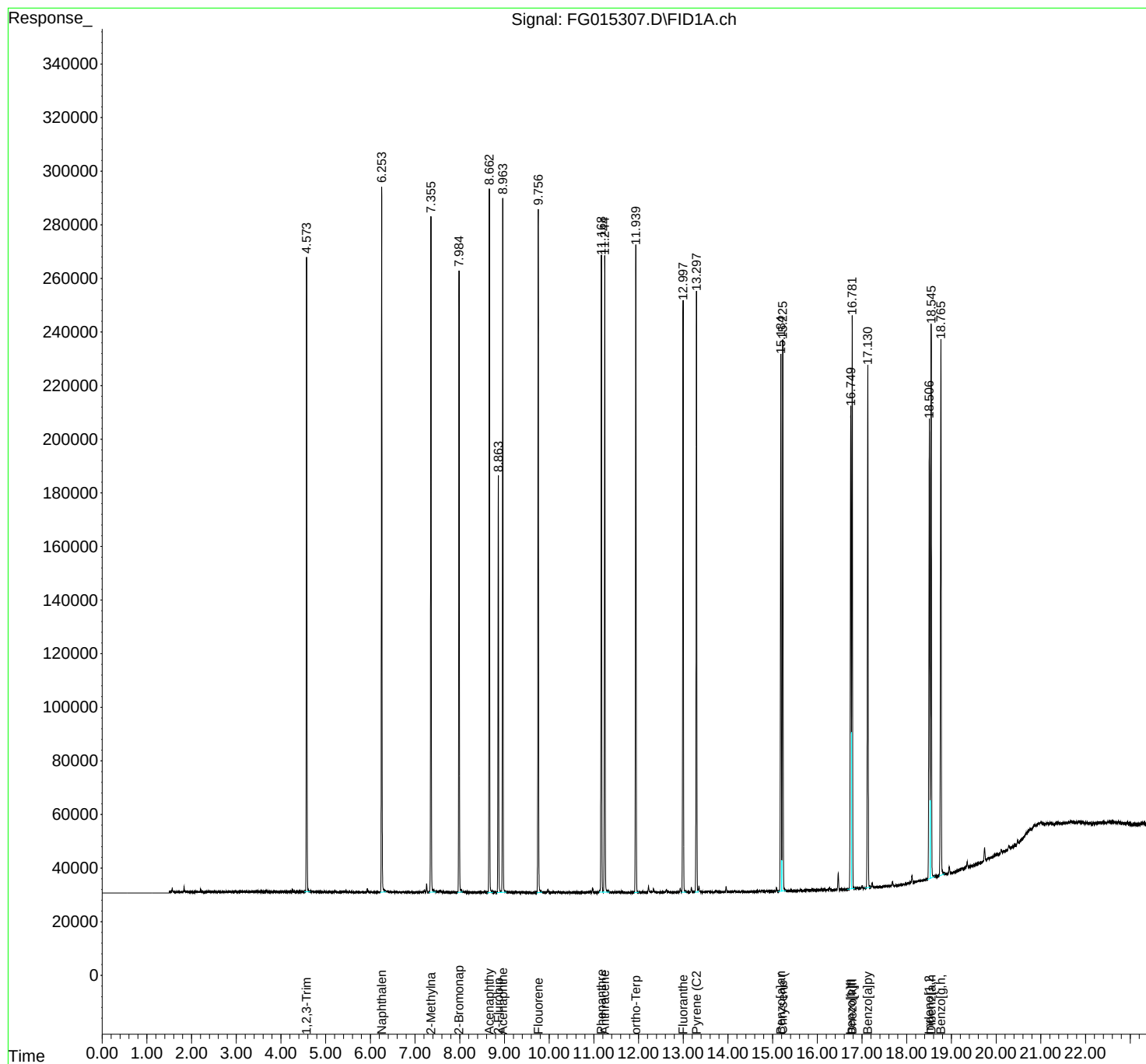
(m)=manual int.

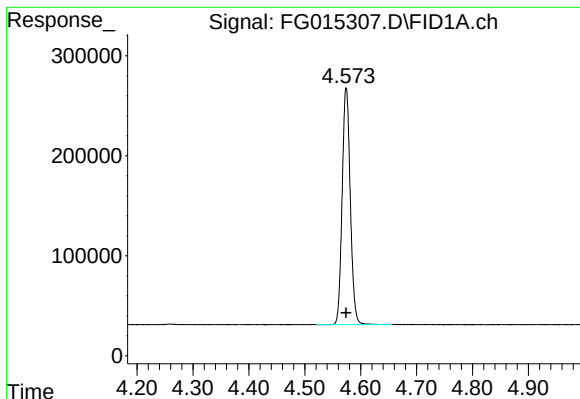
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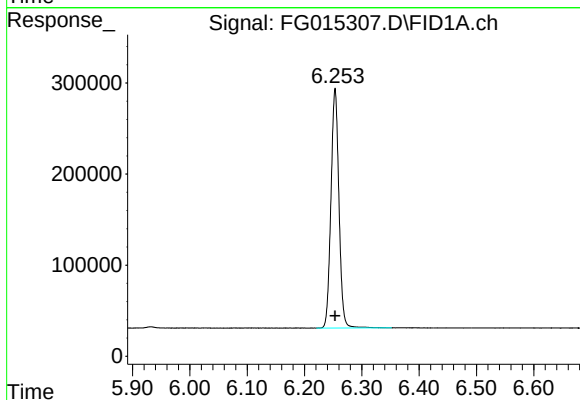




#1 1,2,3-Trimethylbenzene (C10.1)

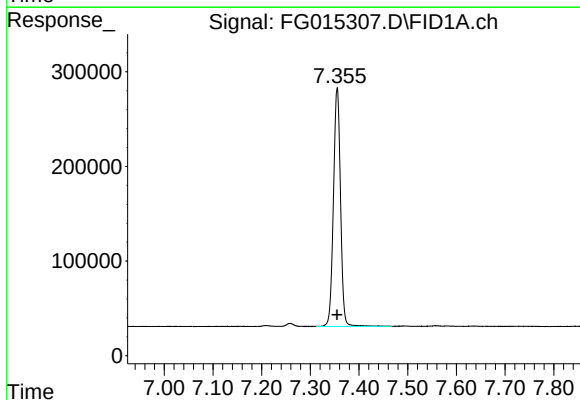
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 2389542
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



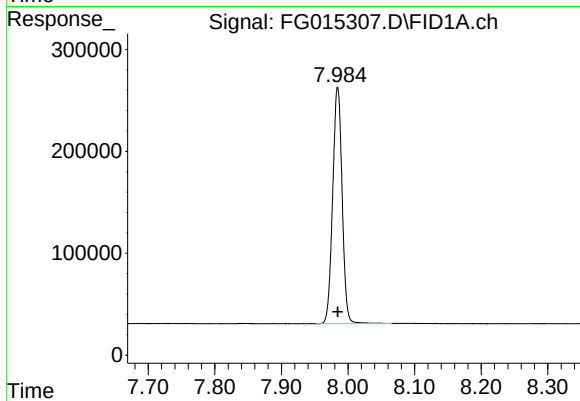
#2 Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 2543536
Conc: 20.00 ug/ml



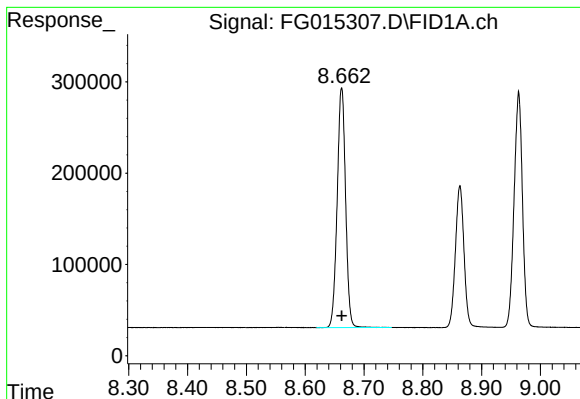
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 2523833
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

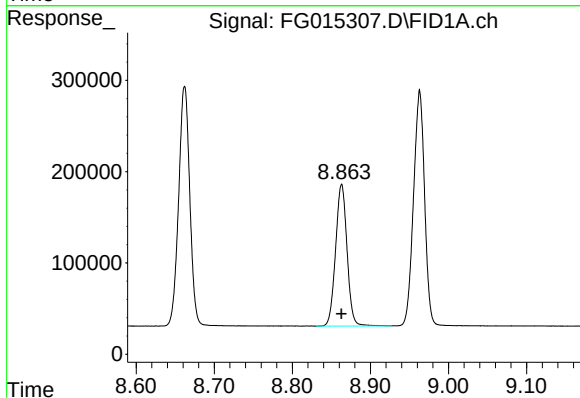
R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 2287648
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

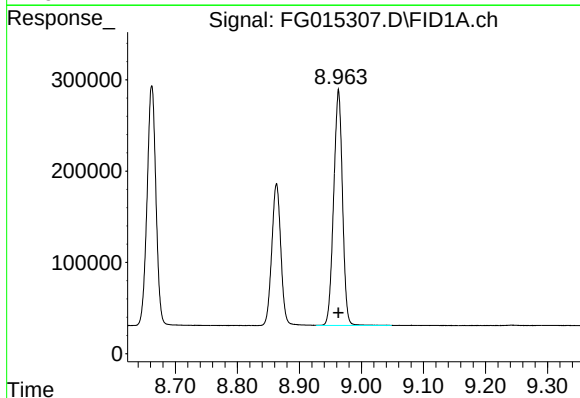
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 2609603
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



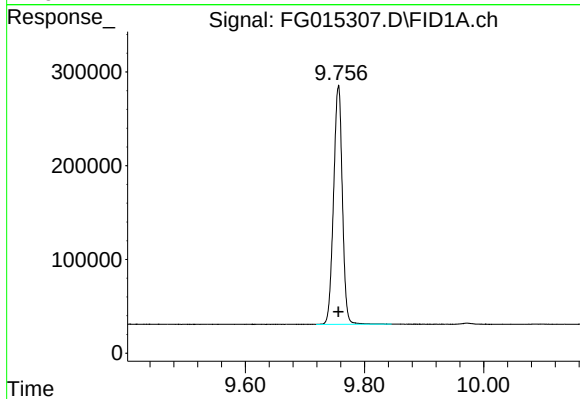
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 1580148
Conc: 20.00 ug/ml



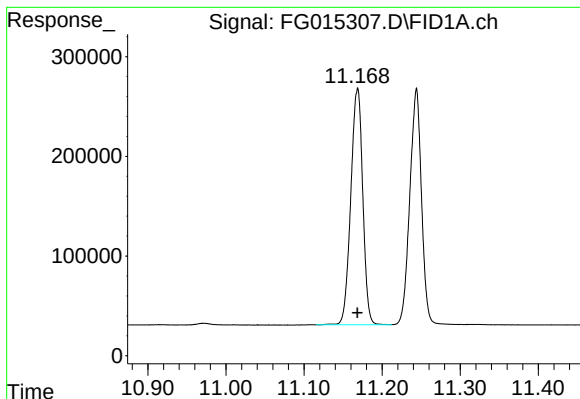
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.000 min
Response: 2551592
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

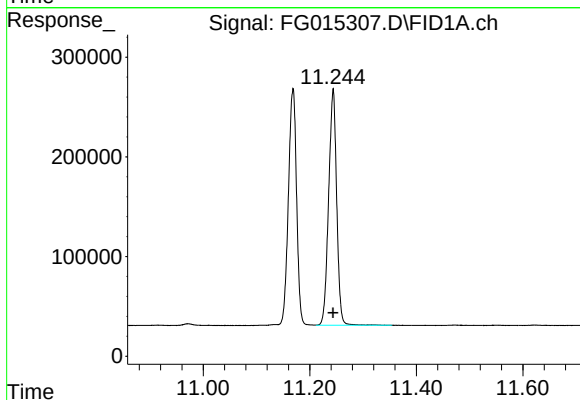
R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 2601899
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

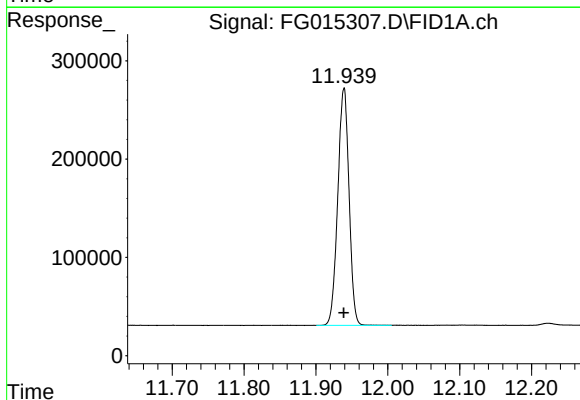
R.T.: 11.168 min
Delta R.T.: 0.000 min
Response: 2526153
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



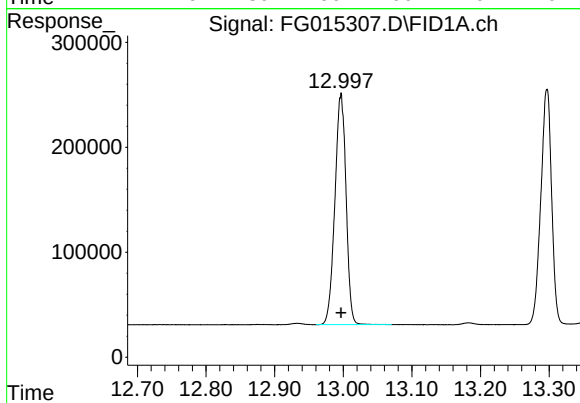
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: 0.000 min
Response: 2480175
Conc: 20.00 ug/ml



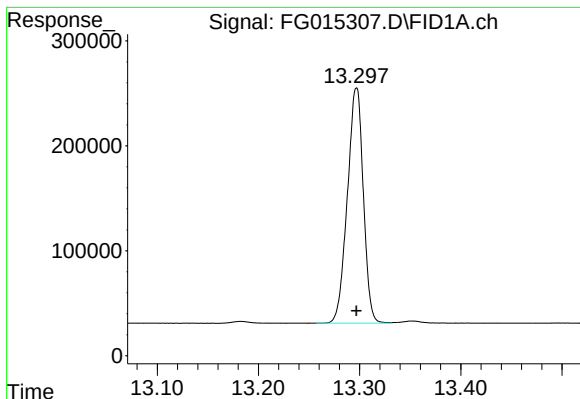
#11 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 2623619
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

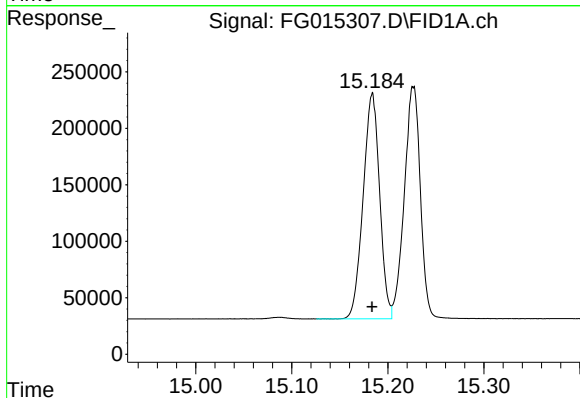
R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 2485941
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

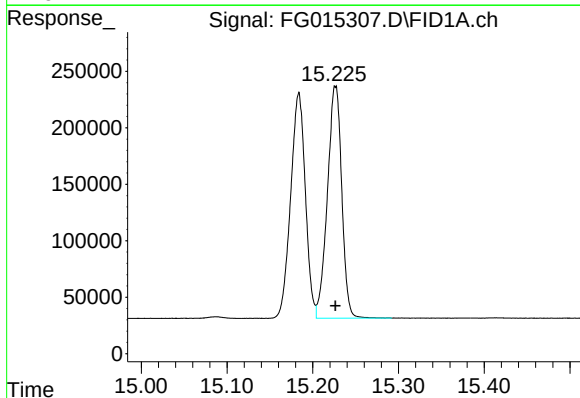
R.T.: 13.297 min
Delta R.T.: 0.000 min
Response: 2459086
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



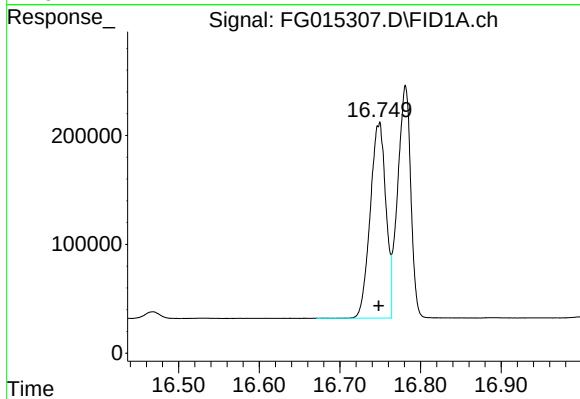
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.184 min
Delta R.T.: 0.000 min
Response: 2381194
Conc: 20.00 ug/ml



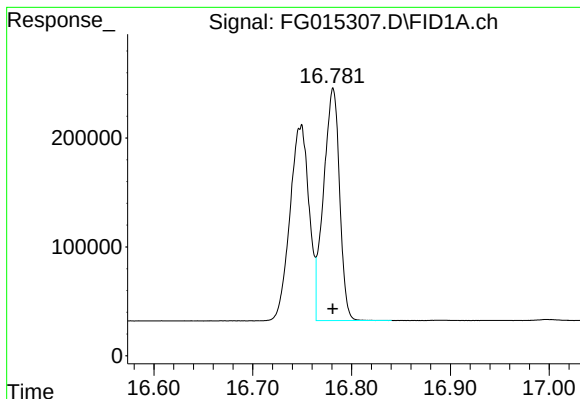
#15 Chrysene (C27.41)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 2388489
Conc: 20.00 ug/ml



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

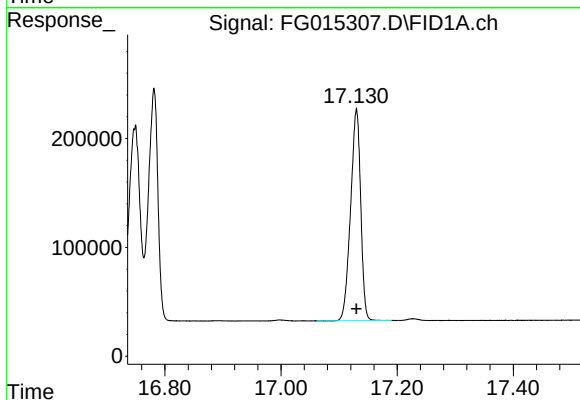
R.T.: 16.748 min
Delta R.T.: 0.000 min
Response: 2417696
Conc: 20.00 ug/ml



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

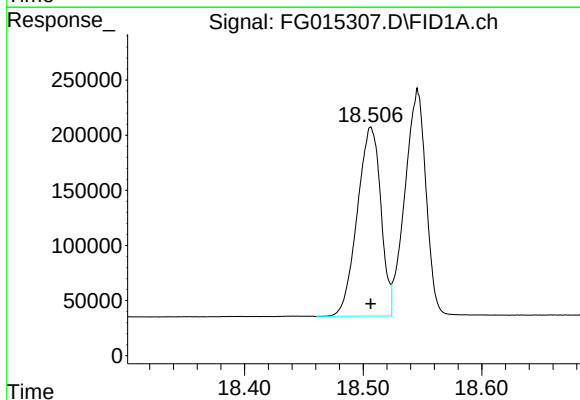
R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 2408487
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



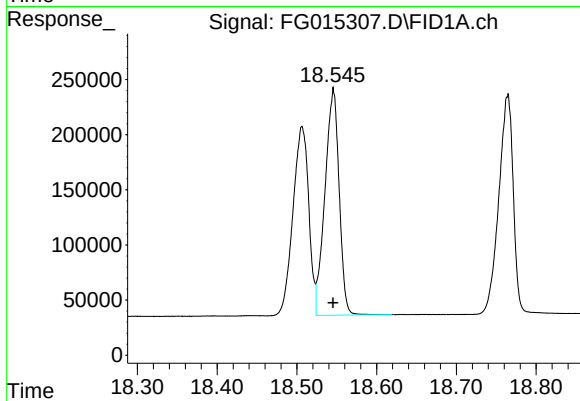
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.130 min
Delta R.T.: 0.000 min
Response: 2346536
Conc: 20.00 ug/ml



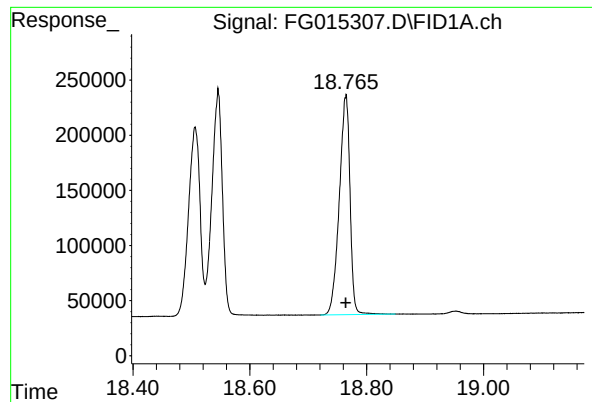
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.507 min
Delta R.T.: 0.000 min
Response: 2360545
Conc: 20.00 ug/ml



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

R.T.: 18.545 min
Delta R.T.: 0.000 min
Response: 2540755
Conc: 20.00 ug/ml



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

R.T.: 18.764 min
Delta R.T.: 0.000 min
Response: 2530834
Conc: 20.00 ug/ml

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