

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AR\
 Data File : FG015312.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 21:27
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 06 03:07:51 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	2422873	19.984 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
6) S 2-Fluorobiphenyl (SURR)	8.863	1676955	20.031 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.06%
11) S ortho-Terphenyl (SURR)	11.939	2785971	19.940 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.574	2545850	20.084 ug/ml
2) T Naphthalene (C11.7)	6.253	2694027	20.043 ug/ml
3) T 2-Methylnaphthalene (...)	7.355	2675128	20.021 ug/ml
5) T Acenaphthylene (C15.06)	8.662	2768586	19.986 ug/ml
7) T Acenaphthene (C15.5)	8.963	2707145	20.000 ug/ml
8) T Fluorene (C16.55)	9.756	2767842	20.001 ug/ml
9) T Phenanthrene (C19.36)	11.168	2698581	19.994 ug/ml
10) T Anthracene (C19.43)	11.243	2658026	20.094 ug/ml
12) T Fluoranthene (C21.85)	12.996	2664154	20.089 ug/ml
13) T Pyrene (C20.8)	13.296	2637261	20.136 ug/ml
14) T Benzo[a]anthracene (C...	15.183	2555808	20.115 ug/ml
15) T Chrysene (C27.41)	15.226	2562323	20.039 ug/ml
16) T benzo[b]fluoranthene ...	16.747	2601079	20.027 ug/ml
17) T Bnezo[k]fluoranthene ...	16.781	2610188	20.195 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.129	2540481	20.165 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.505	2549965	19.838 ug/ml
20) T Dibenz[a,h]anthracene...	18.543	2743250	20.299 ug/ml
21) T Benzo[g,h,i]perylene ...	18.763	2725409	20.084 ug/ml

(f)=RT Delta > 1/2 Window

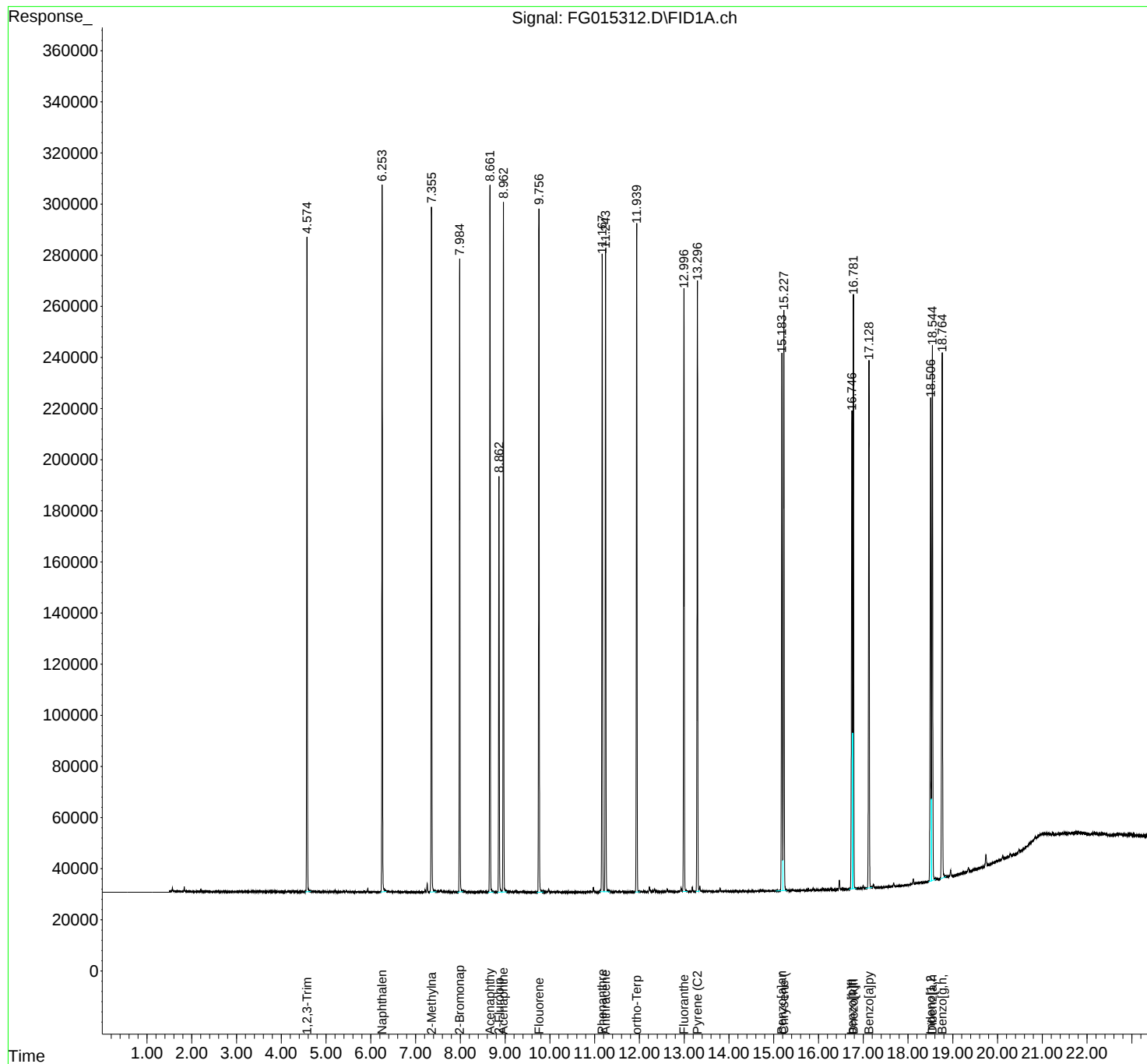
(m)=manual int.

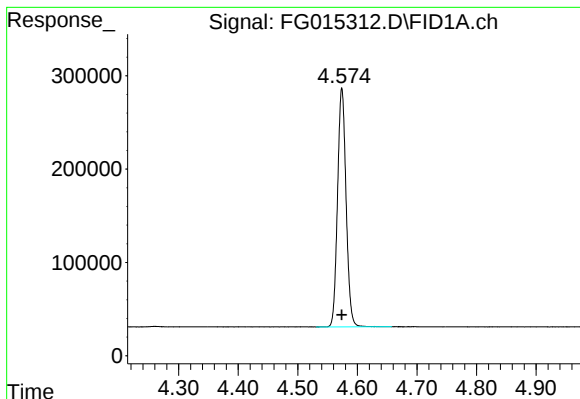
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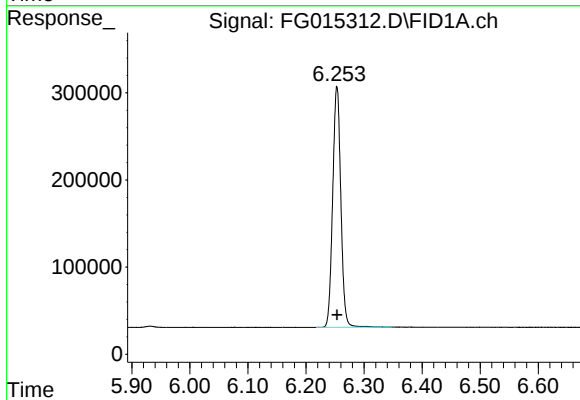




#1 1,2,3-Trimethylbenzene (C10.1)

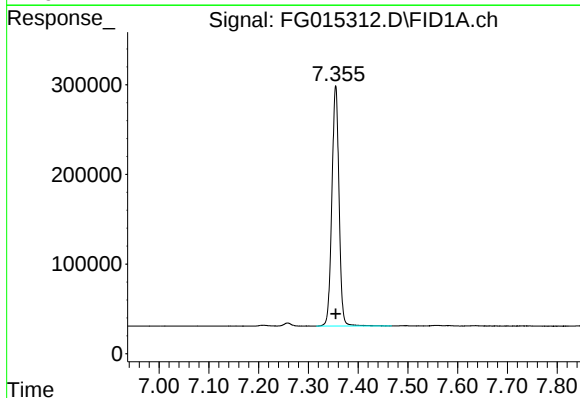
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 2545850
Conc: 20.08 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



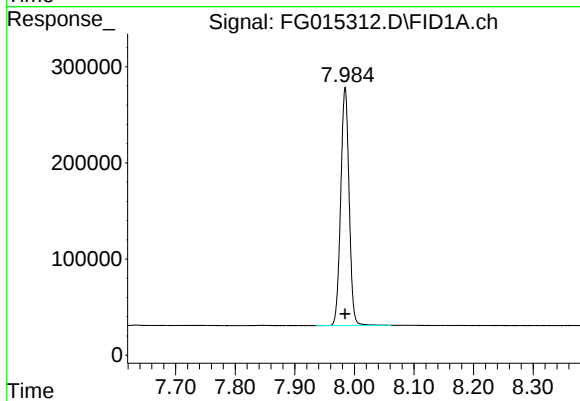
#2 Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 2694027
Conc: 20.04 ug/ml



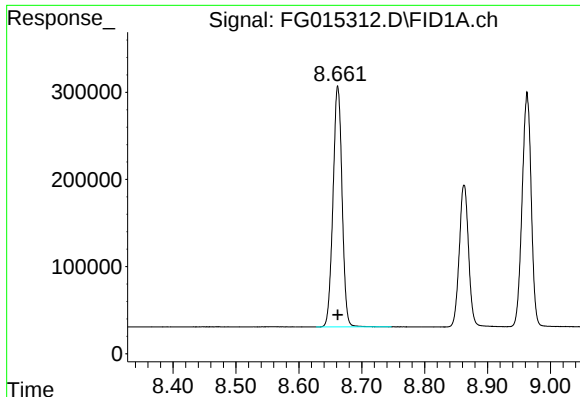
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 2675128
Conc: 20.02 ug/ml



#4 2-Bromonaphthalene (SURR)

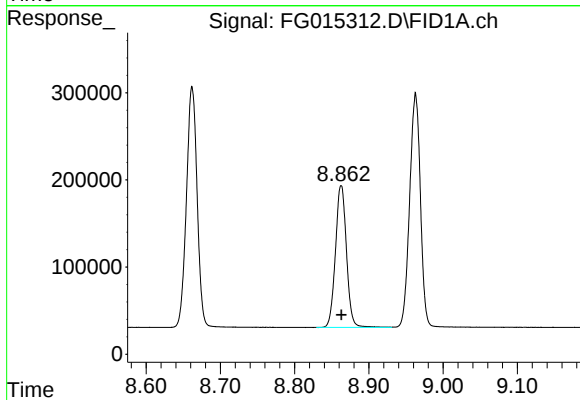
R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 2422873
Conc: 19.98 ug/ml



#5 Acenaphthylene (C15.06)

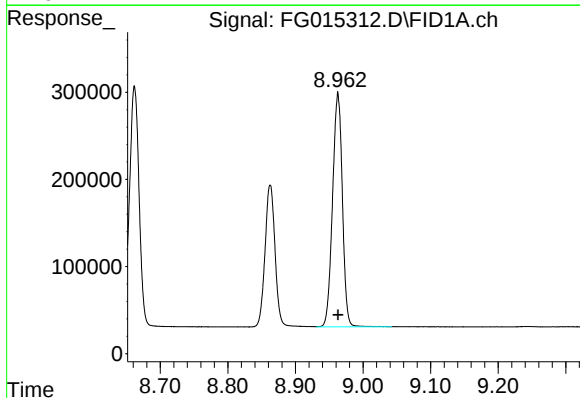
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 2768586
Conc: 19.99 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



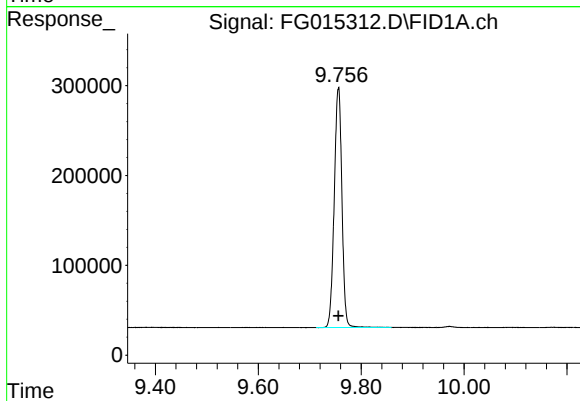
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 1676955
Conc: 20.03 ug/ml



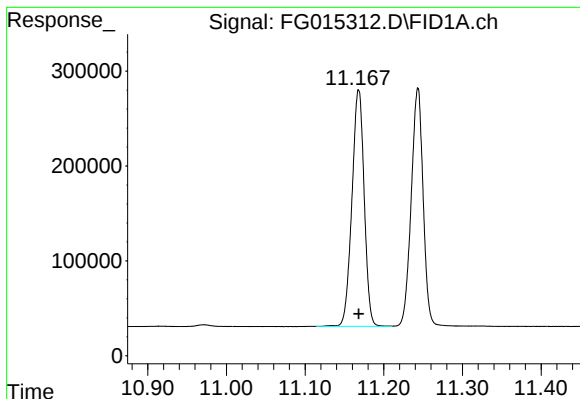
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.000 min
Response: 2707145
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

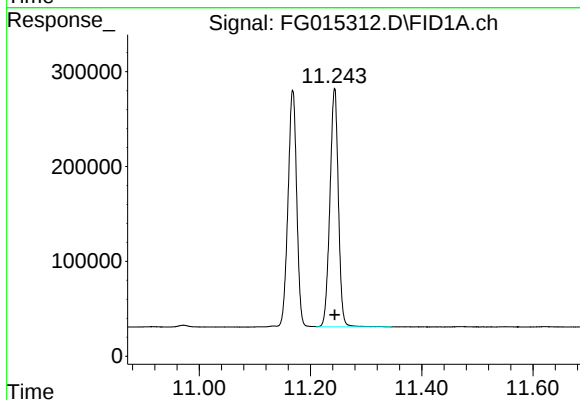
R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 2767842
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

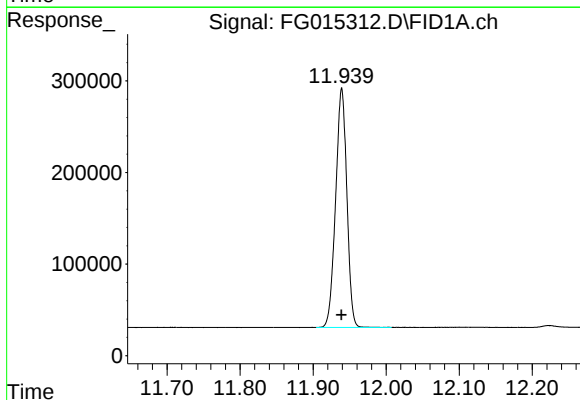
R.T.: 11.168 min
Delta R.T.: 0.000 min
Response: 2698581
Conc: 19.99 ug/ml

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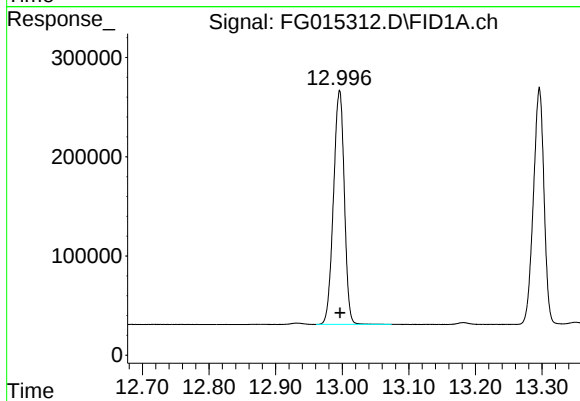
#10 Anthracene (C19.43)

R.T.: 11.243 min
Delta R.T.: 0.000 min
Response: 2658026
Conc: 20.09 ug/ml



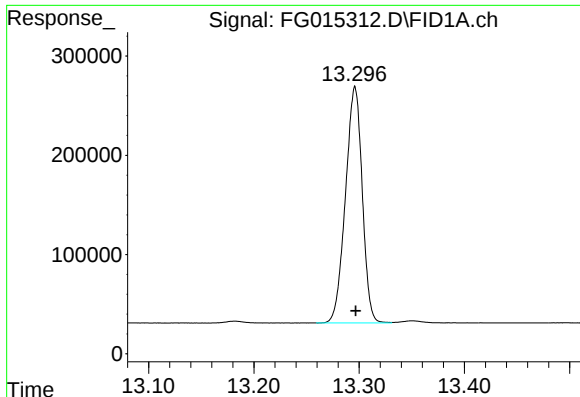
#11 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 2785971
Conc: 19.94 ug/ml



#12 Fluoranthene (C21.85)

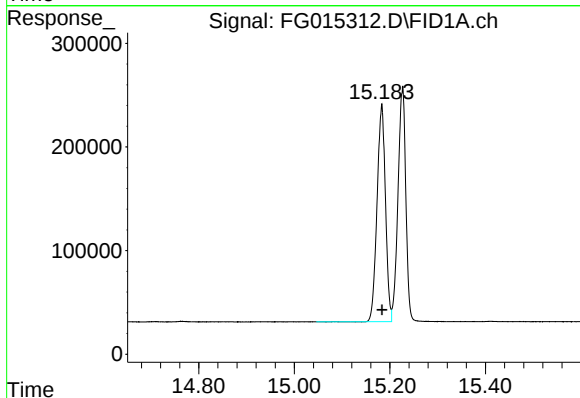
R.T.: 12.996 min
Delta R.T.: 0.000 min
Response: 2664154
Conc: 20.09 ug/ml



#13 Pyrene (C20.8)

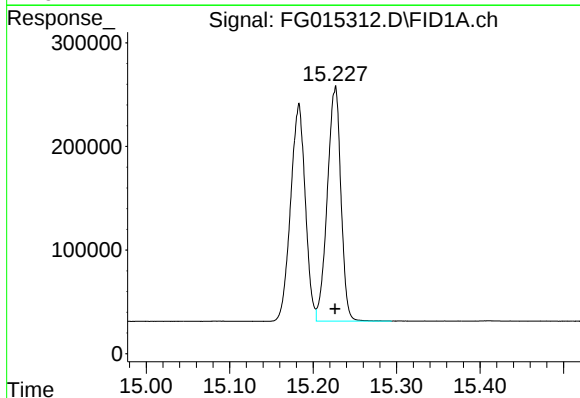
R.T.: 13.296 min
Delta R.T.: 0.000 min
Response: 2637261
Conc: 20.14 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



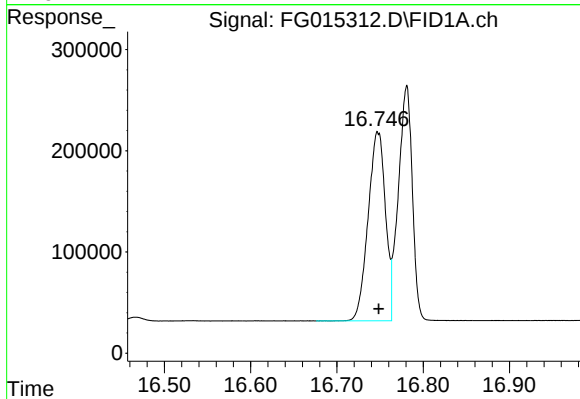
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.183 min
Delta R.T.: 0.000 min
Response: 2555808
Conc: 20.12 ug/ml



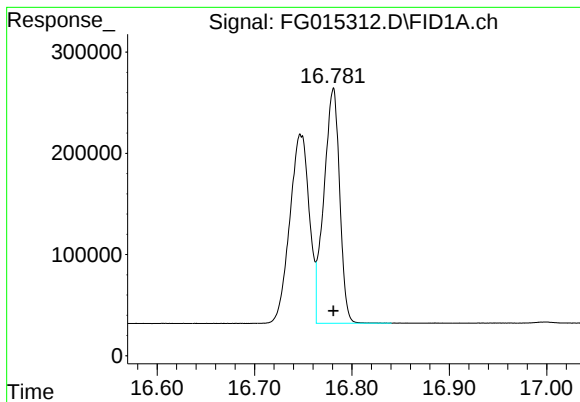
#15 Chrysene (C27.41)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 2562323
Conc: 20.04 ug/ml



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

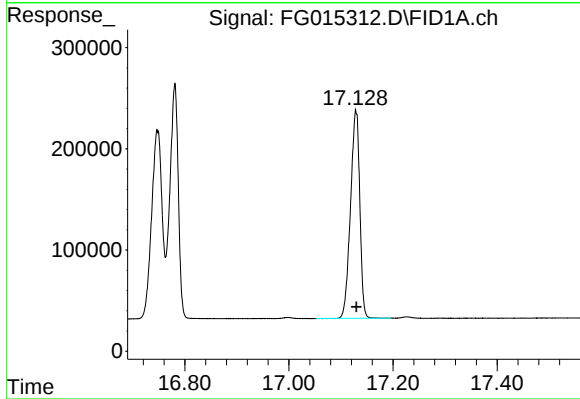
R.T.: 16.747 min
Delta R.T.: 0.000 min
Response: 2601079
Conc: 20.03 ug/ml



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

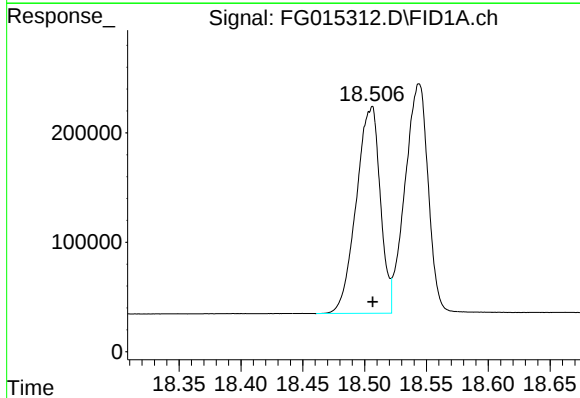
R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 2610188
Conc: 20.20 ug/ml

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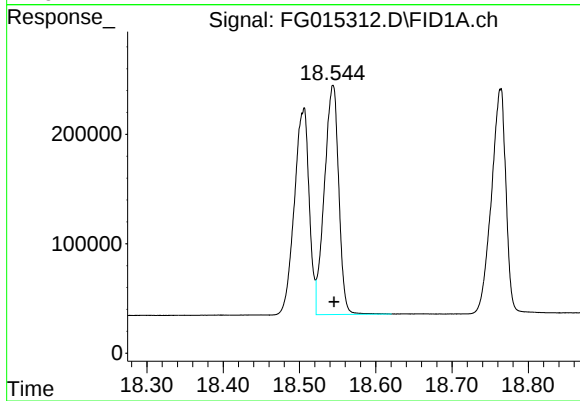
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.129 min
Delta R.T.: -0.001 min
Response: 2540481
Conc: 20.16 ug/ml



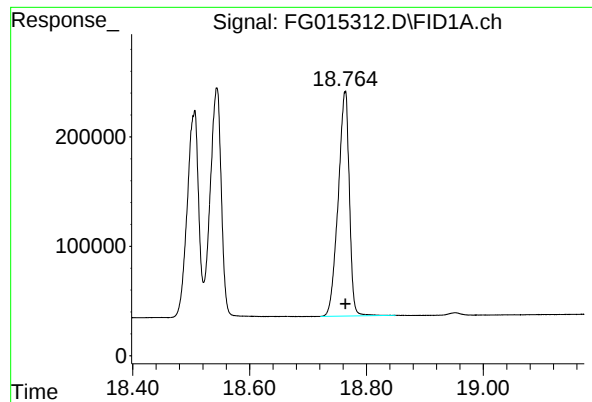
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.505 min
Delta R.T.: -0.002 min
Response: 2549965
Conc: 19.84 ug/ml



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

R.T.: 18.543 min
Delta R.T.: -0.002 min
Response: 2743250
Conc: 20.30 ug/ml



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

R.T.: 18.763 min
Delta R.T.: -0.001 min
Response: 2725409
Conc: 20.08 ug/ml

Instrument :

FID_G

ClientSampleId :

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