

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032125AR\
 Data File : FG015538.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2025 11:52
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 21 22:53:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.965	2509059	20.540 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
6) S 2-Fluorobiphenyl (SURR)	8.842	1728725	20.914 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.83%
11) S ortho-Terphenyl (SURR)	11.916	2977223	20.416 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.556	2692031	20.258 ug/ml
2) T Naphthalene (C11.7)	6.234	2778014	20.562 ug/ml
3) T 2-Methylnaphthalene (...)	7.335	2748300	20.603 ug/ml
5) T Acenaphthylene (C15.06)	8.641	2902882	20.496 ug/ml
7) T Acenaphthene (C15.5)	8.941	2850337	20.892 ug/ml
8) T Fluorene (C16.55)	9.734	2872419	20.576 ug/ml
9) T Phenanthrene (C19.36)	11.145	2826239	20.061 ug/ml
10) T Anthracene (C19.43)	11.221	2739265	20.018 ug/ml
12) T Fluoranthene (C21.85)	12.972	2874066	20.154 ug/ml
13) T Pyrene (C20.8)	13.271	2879265	20.520 ug/ml
14) T Benzo[a]anthracene (C...	15.157	2620315	19.319 ug/ml
15) T Chrysene (C27.41)	15.199	2971247	21.224 ug/ml
16) T benzo[b]fluoranthene ...	16.720	2533624	19.174 ug/ml
17) T Bnezo[k]fluoranthene ...	16.751	2885782	21.136 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.102	2478863	19.767 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.478	2093757	18.818 ug/ml
20) T Dibenz[a,h]anthracene...	18.516	2845447	22.112 ug/ml
21) T Benzo[g,h,i]perylene ...	18.733	2452805	20.527 ug/ml

(f)=RT Delta > 1/2 Window

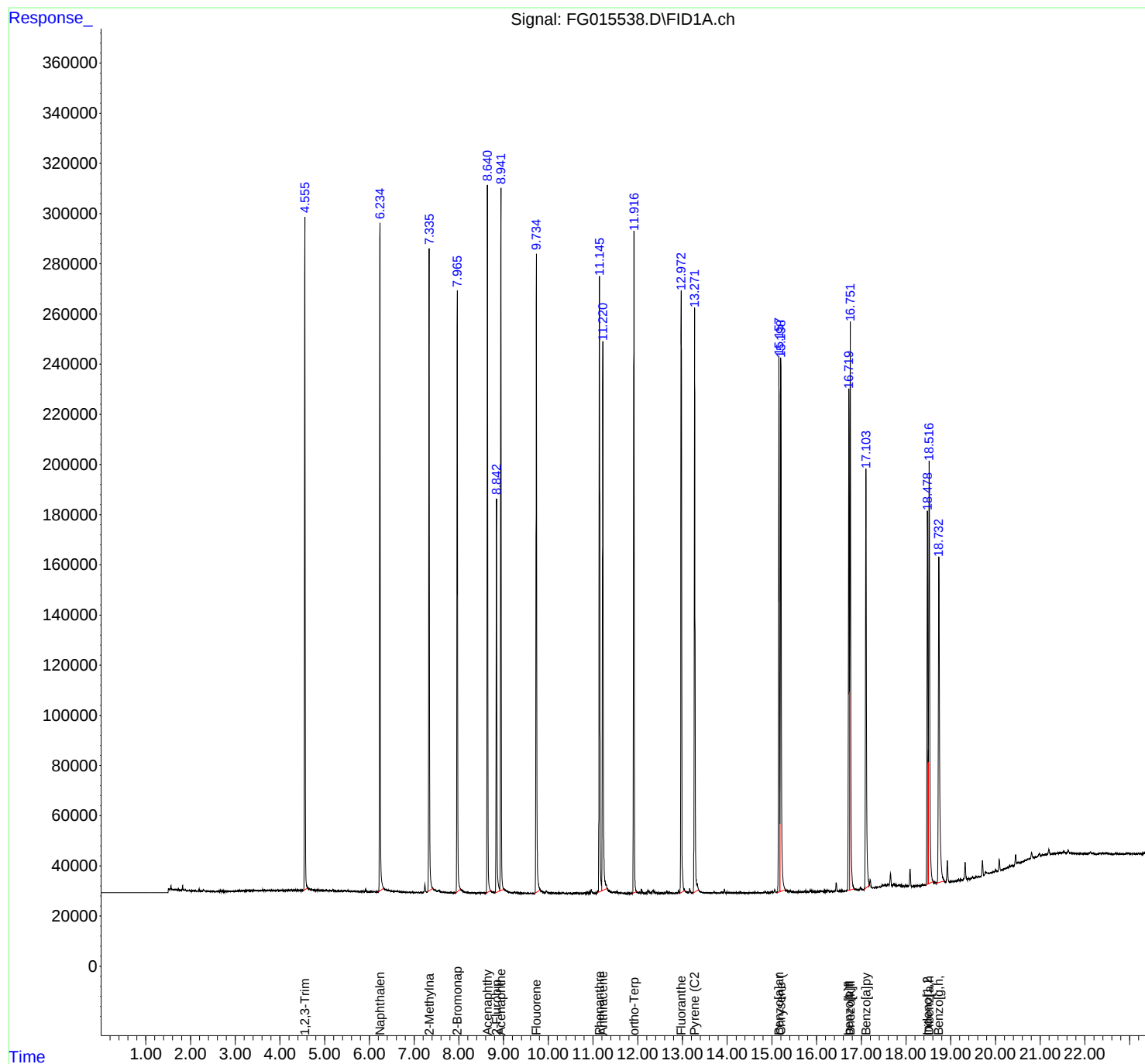
(m)=manual int.

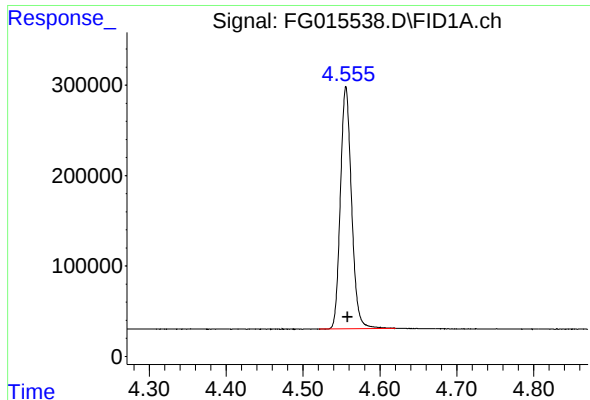
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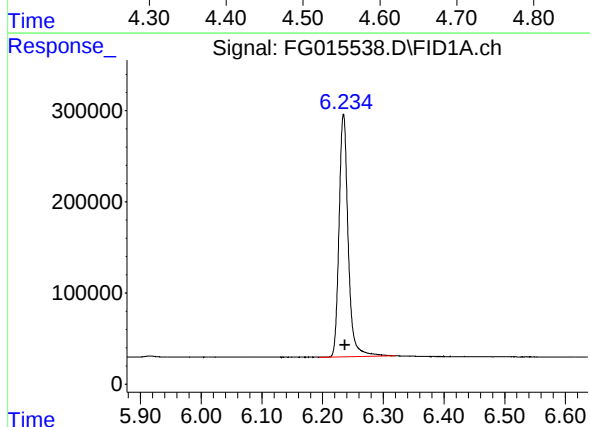




#1 1,2,3-Trimethylbenzene (C10.1)

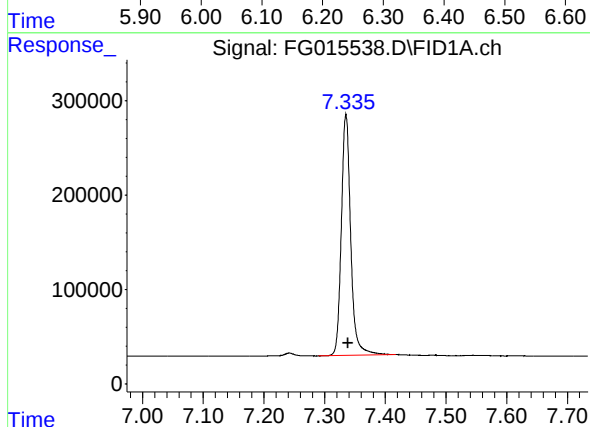
R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 2692031
Conc: 20.26 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



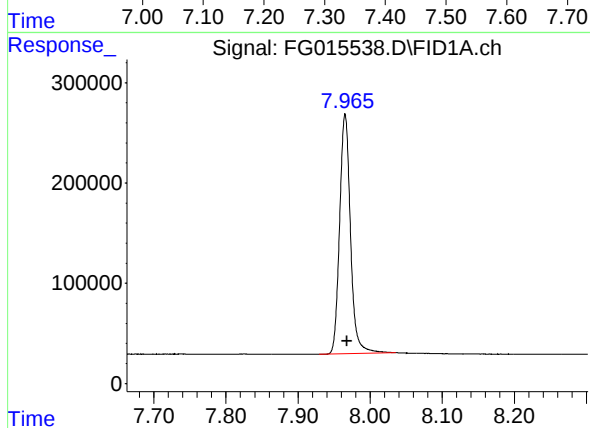
#2 Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.002 min
Response: 2778014
Conc: 20.56 ug/ml



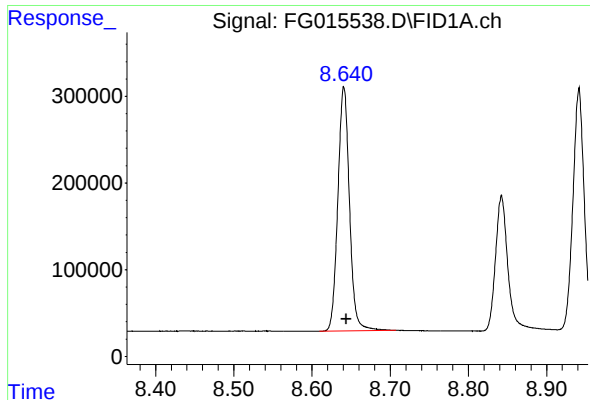
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 2748300
Conc: 20.60 ug/ml



#4 2-Bromonaphthalene (SURR)

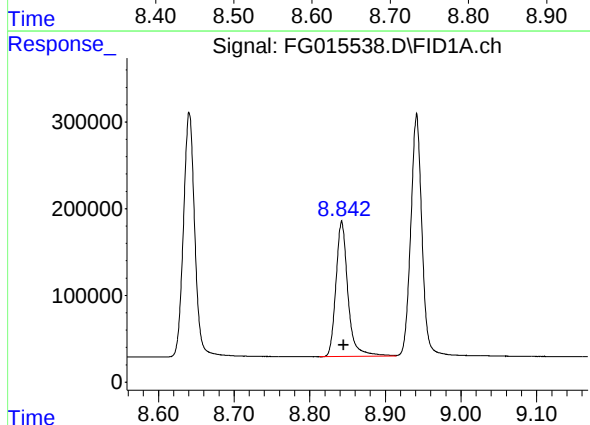
R.T.: 7.965 min
Delta R.T.: -0.003 min
Response: 2509059
Conc: 20.54 ug/ml



#5 Acenaphthylene (C15.06)

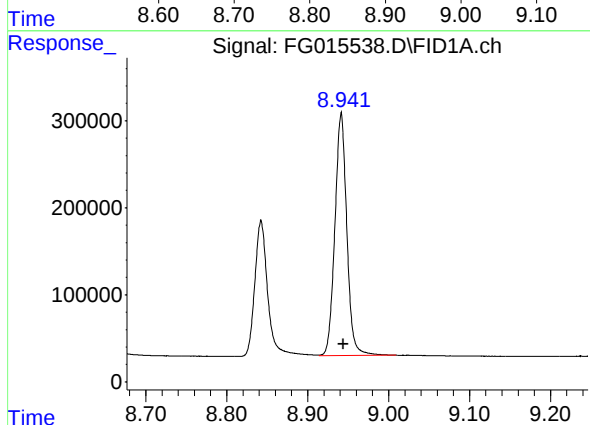
R.T.: 8.641 min
Delta R.T.: -0.003 min
Response: 2902882
Conc: 20.50 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



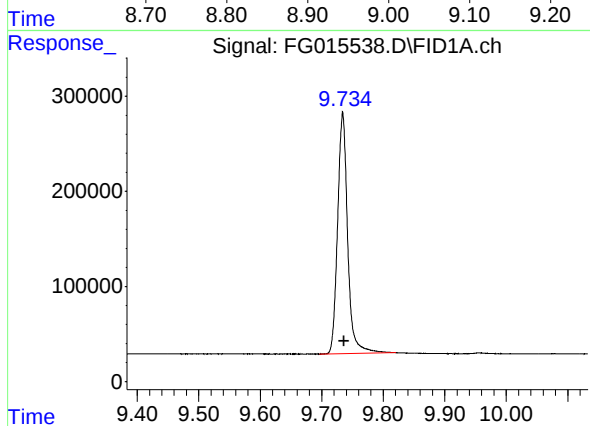
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.842 min
Delta R.T.: -0.003 min
Response: 1728725
Conc: 20.91 ug/ml



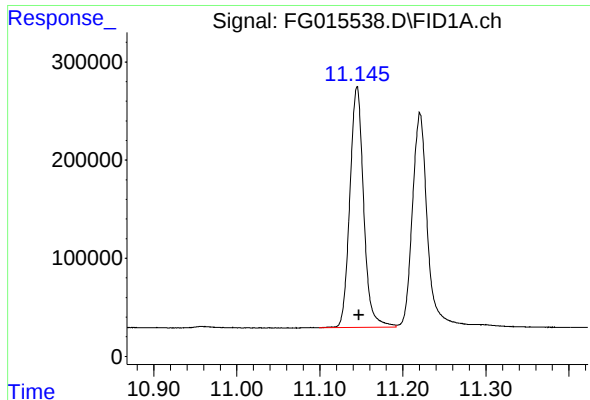
#7 Acenaphthene (C15.5)

R.T.: 8.941 min
Delta R.T.: -0.003 min
Response: 2850337
Conc: 20.89 ug/ml



#8 Fluorene (C16.55)

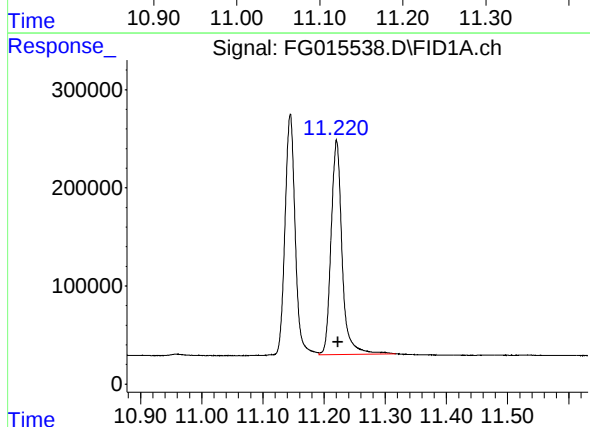
R.T.: 9.734 min
Delta R.T.: -0.002 min
Response: 2872419
Conc: 20.58 ug/ml



#9 Phenanthrene (C19.36)

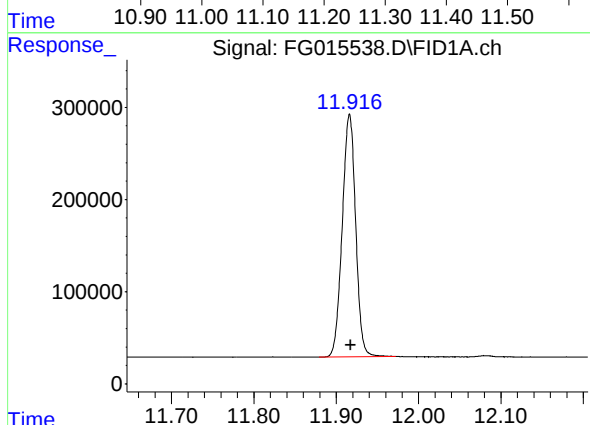
R.T.: 11.145 min
Delta R.T.: -0.003 min
Response: 2826239
Conc: 20.06 ug/ml

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20 PPM AROMATIC HC STD



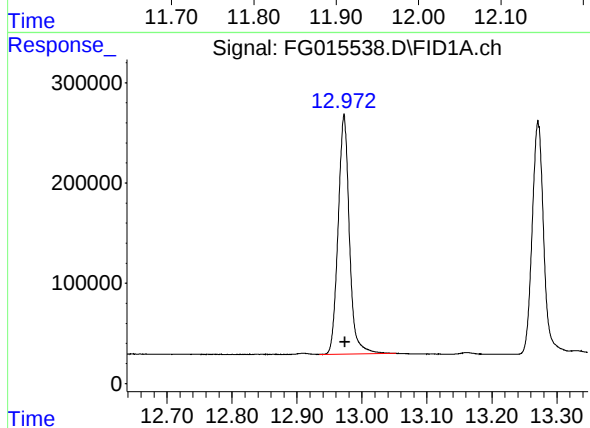
#10 Anthracene (C19.43)

R.T.: 11.221 min
Delta R.T.: -0.002 min
Response: 2739265
Conc: 20.02 ug/ml



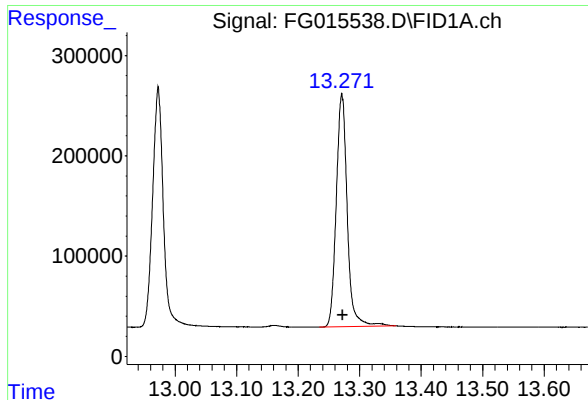
#11 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: -0.002 min
Response: 2977223
Conc: 20.42 ug/ml



#12 Fluoranthene (C21.85)

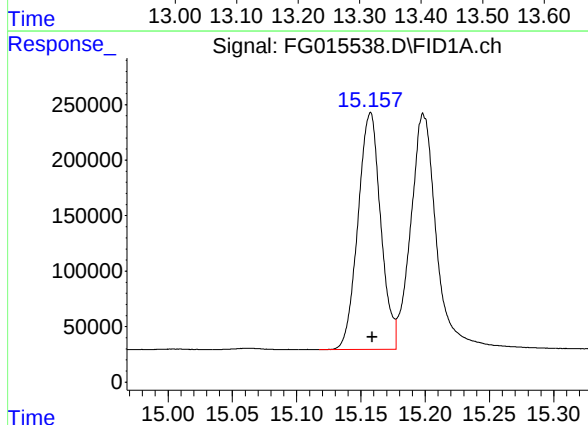
R.T.: 12.972 min
Delta R.T.: -0.001 min
Response: 2874066
Conc: 20.15 ug/ml



#13 Pyrene (C20.8)

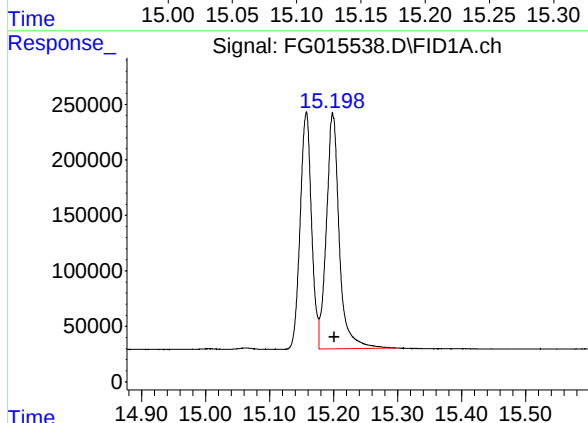
R.T.: 13.271 min
Delta R.T.: -0.002 min
Response: 2879265
Conc: 20.52 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



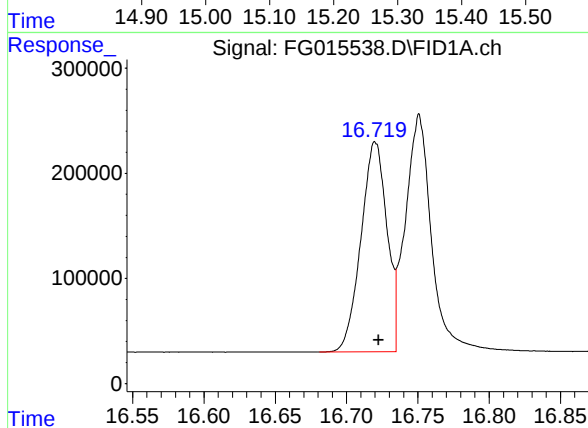
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min
Delta R.T.: -0.002 min
Response: 2620315
Conc: 19.32 ug/ml



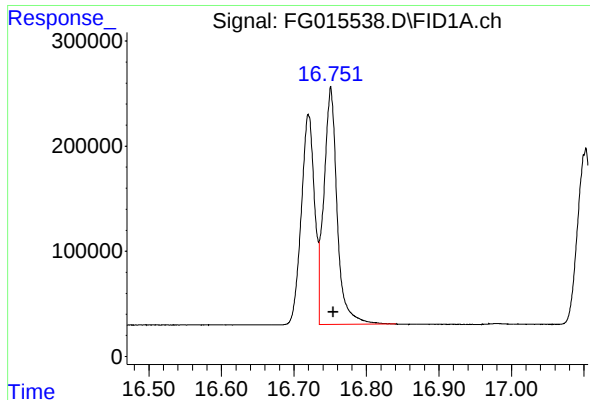
#15 Chrysene (C27.41)

R.T.: 15.199 min
Delta R.T.: -0.002 min
Response: 2971247
Conc: 21.22 ug/ml



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

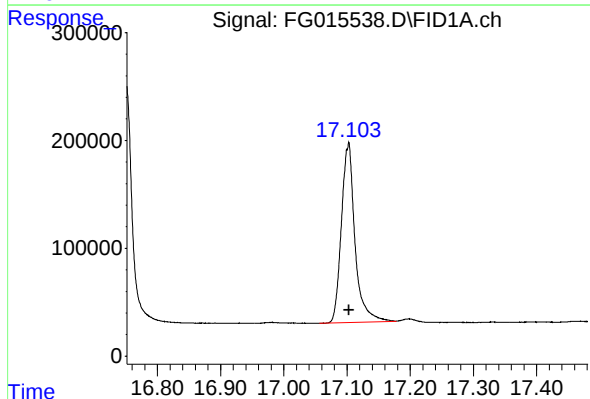
R.T.: 16.720 min
Delta R.T.: -0.002 min
Response: 2533624
Conc: 19.17 ug/ml



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

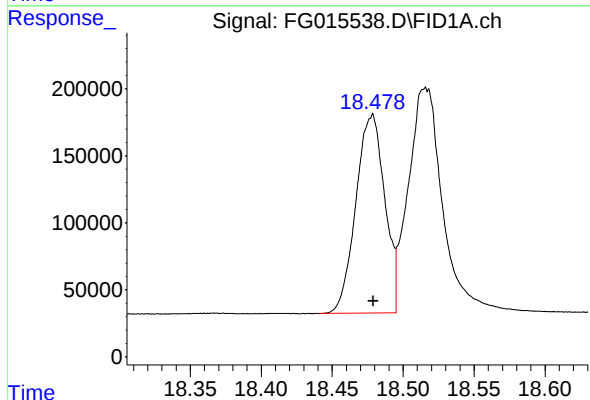
R.T.: 16.751 min
Delta R.T.: -0.003 min
Response: 2885782
Conc: 21.14 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



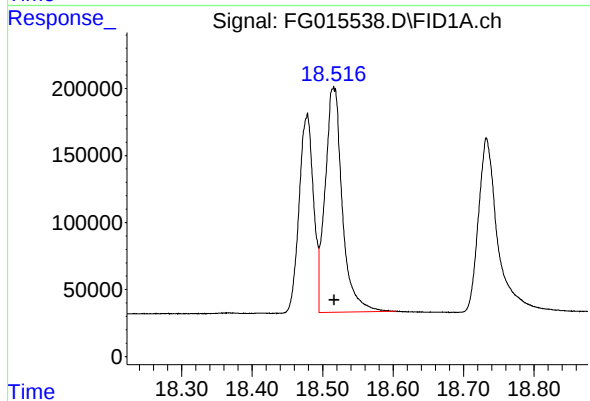
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.102 min
Delta R.T.: -0.001 min
Response: 2478863
Conc: 19.77 ug/ml



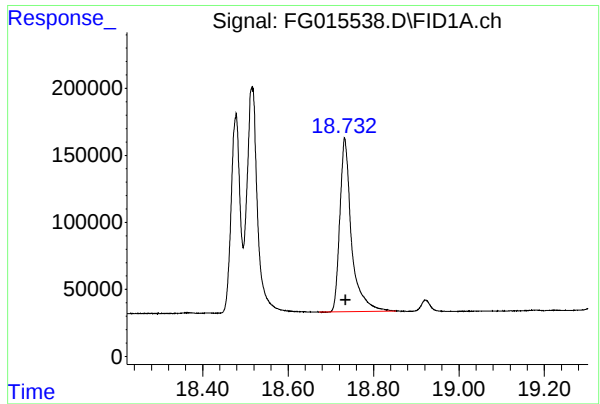
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.478 min
Delta R.T.: -0.001 min
Response: 2093757
Conc: 18.82 ug/ml



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

R.T.: 18.516 min
Delta R.T.: -0.001 min
Response: 2845447
Conc: 22.11 ug/ml



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

R.T.: 18.733 min
Delta R.T.: -0.002 min
Response: 2452805
Conc: 20.53 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD