

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015509.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 21:27
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 18 05:15:18 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...	7.968	2489722	20.382 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
6) S 2-Fluorobiphenyl (SURR)	8.845	1705266	20.631 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.26%
11) S ortho-Terphenyl (SURR)	11.918	2939103	20.154 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.557	2662733	20.038 ug/ml
2) T Naphthalene (C11.7)	6.236	2732791	20.227 ug/ml
3) T 2-Methylnaphthalene (...)	7.338	2715317	20.356 ug/ml
5) T Acenaphthylene (C15.06)	8.643	2881128	20.343 ug/ml
7) T Acenaphthene (C15.5)	8.944	2786619	20.425 ug/ml
8) T Fluorene (C16.55)	9.736	2850938	20.422 ug/ml
9) T Phenanthrene (C19.36)	11.147	2838829	20.150 ug/ml
10) T Anthracene (C19.43)	11.222	2760927	20.176 ug/ml
12) T Fluoranthene (C21.85)	12.973	2863951	20.083 ug/ml
13) T Pyrene (C20.8)	13.272	2820542	20.102 ug/ml
14) T Benzo[a]anthracene (C...	15.159	2729982	20.128 ug/ml
15) T Chrysene (C27.41)	15.200	2781939	19.872 ug/ml
16) T benzo[b]fluoranthene ...	16.721	2663167	20.154 ug/ml
17) T Bnezo[k]fluoranthene ...	16.754	2695393	19.741 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.103	2507202	19.993 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.479	2191788	19.700 ug/ml
20) T Dibenz[a,h]anthracene...	18.516	2597875	20.188 ug/ml
21) T Benzo[g,h,i]perylene ...	18.733	2387045	19.976 ug/ml

(f)=RT Delta > 1/2 Window

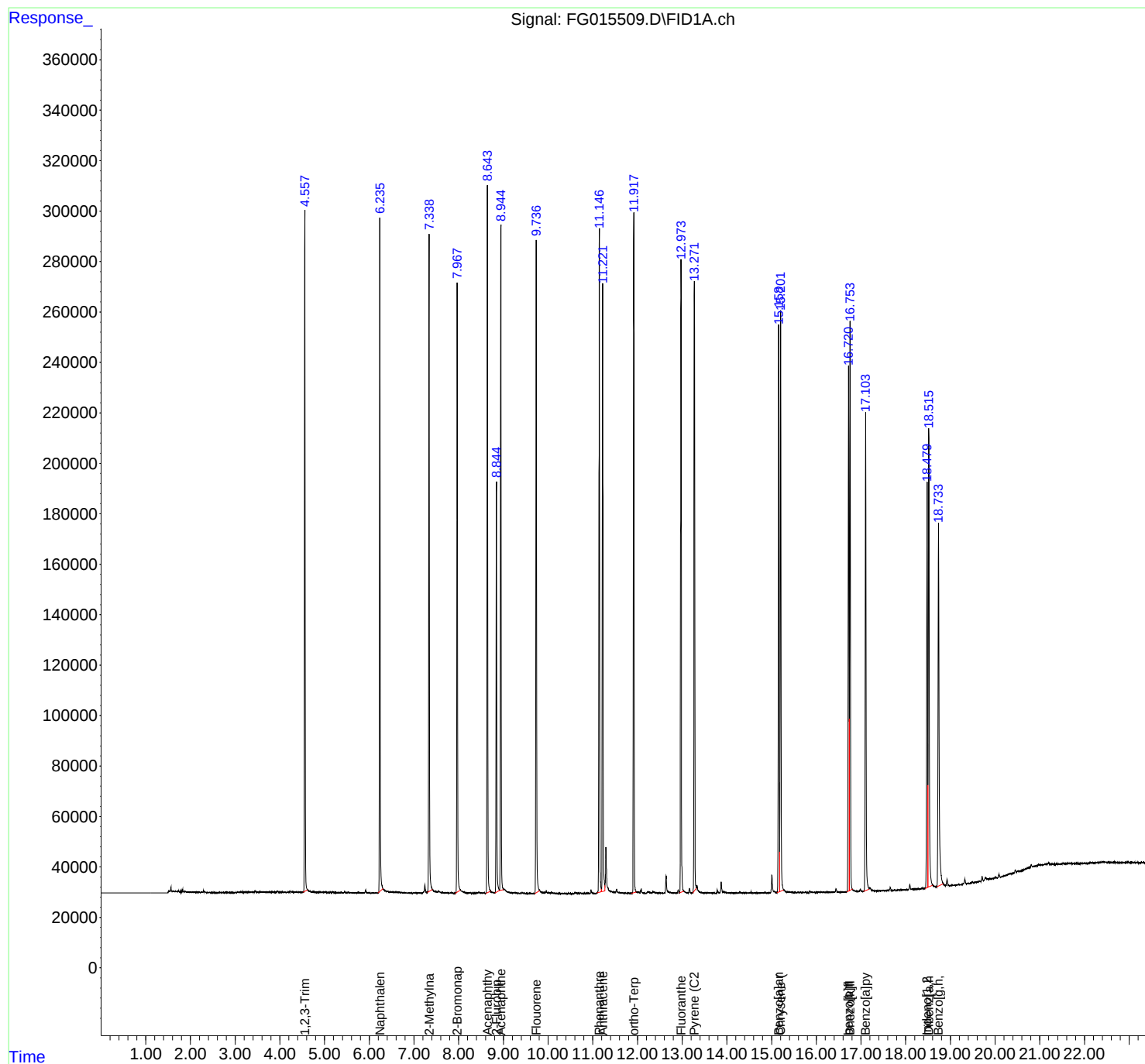
(m)=manual int.

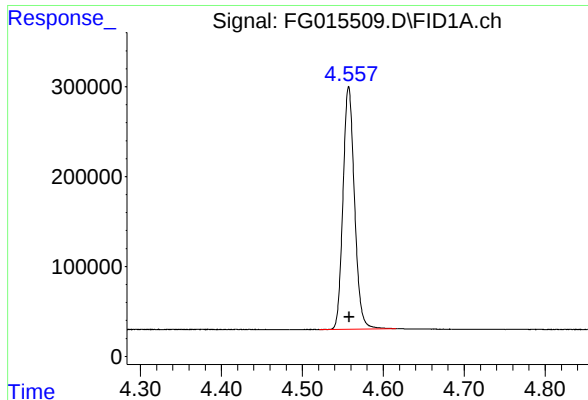
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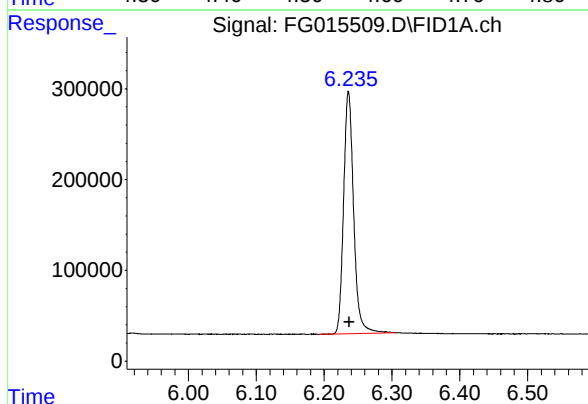




#1 1,2,3-Trimethylbenzene (C10.1)

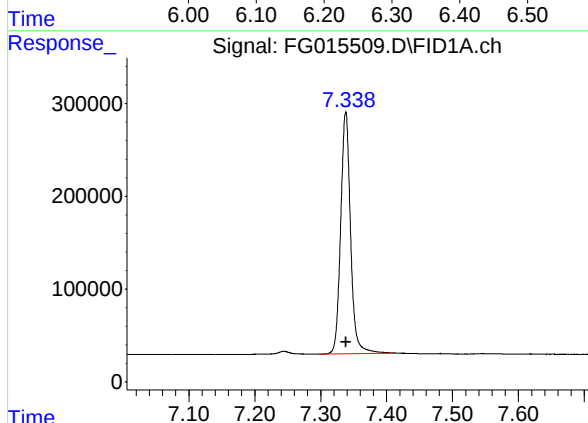
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 2662733
Conc: 20.04 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



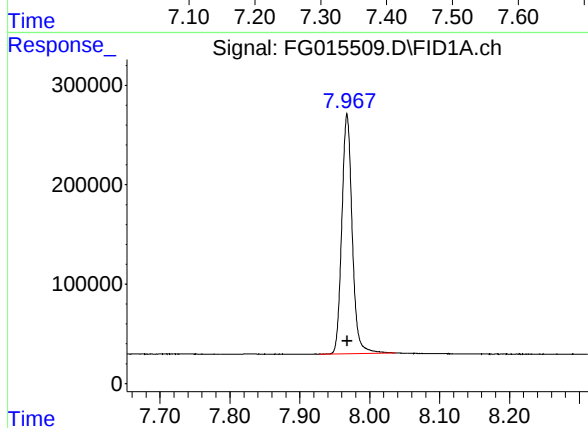
#2 Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 2732791
Conc: 20.23 ug/ml



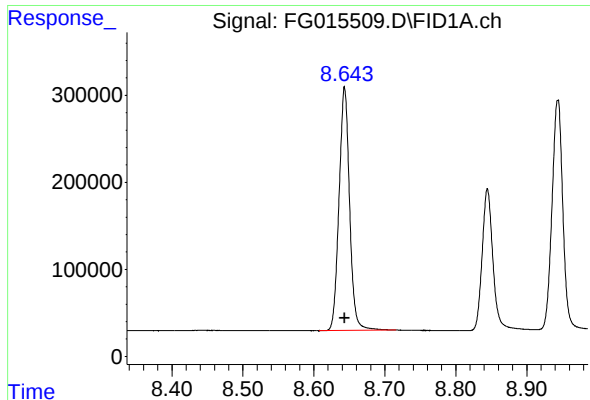
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 2715317
Conc: 20.36 ug/ml



#4 2-Bromonaphthalene (SURR)

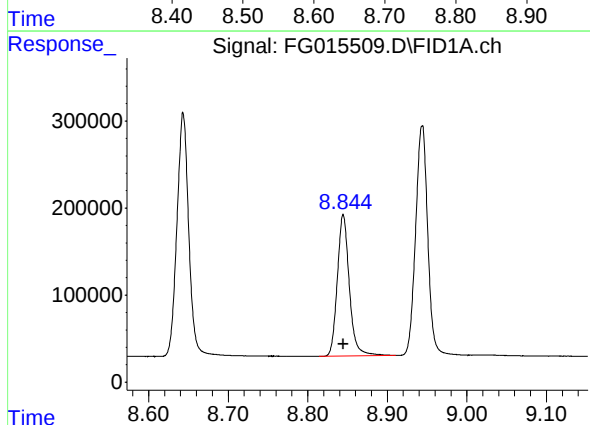
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 2489722
Conc: 20.38 ug/ml



#5 Acenaphthylene (C15.06)

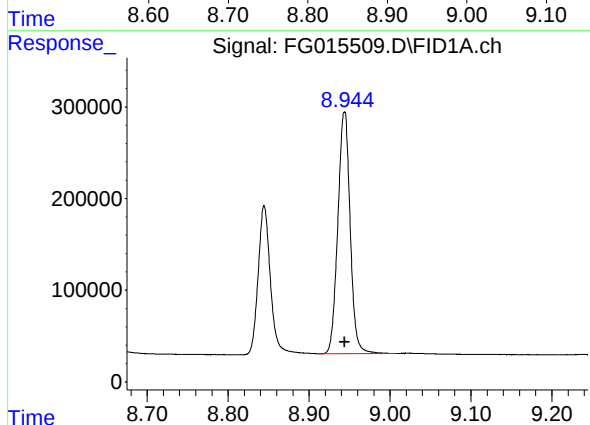
R.T.: 8.643 min
Delta R.T.: 0.000 min
Response: 2881128
Conc: 20.34 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



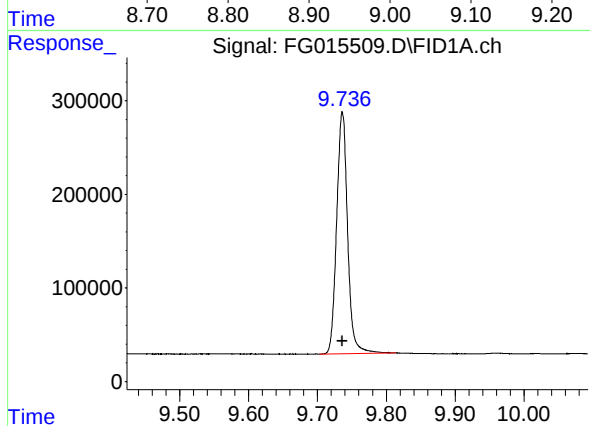
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 1705266
Conc: 20.63 ug/ml



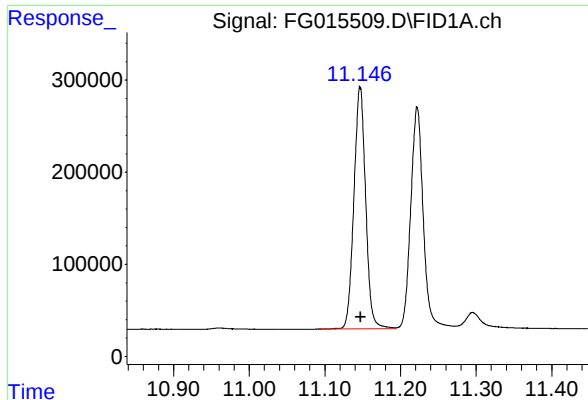
#7 Acenaphthene (C15.5)

R.T.: 8.944 min
Delta R.T.: 0.000 min
Response: 2786619
Conc: 20.42 ug/ml



#8 Flouorene (C16.55)

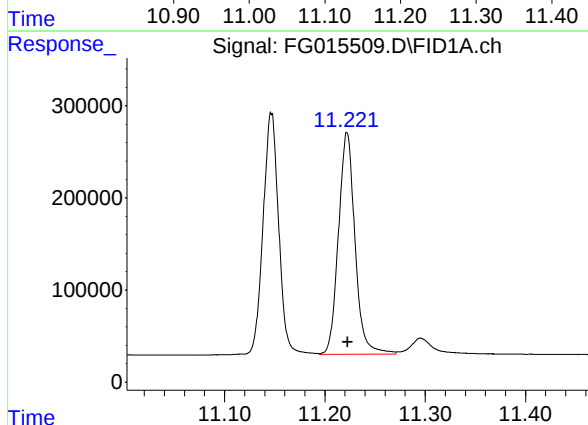
R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 2850938
Conc: 20.42 ug/ml



#9 Phenanthrene (C19.36)

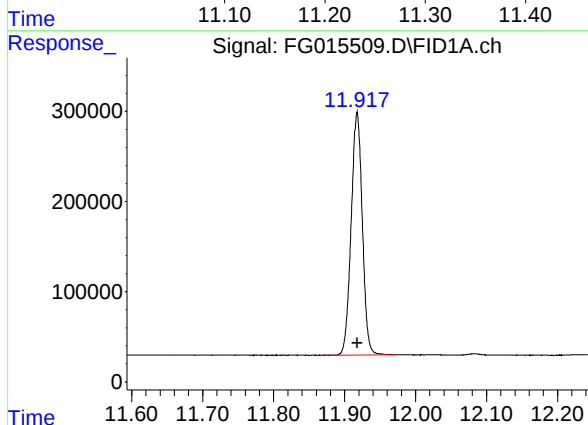
R.T.: 11.147 min
Delta R.T.: 0.000 min
Response: 2838829
Conc: 20.15 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



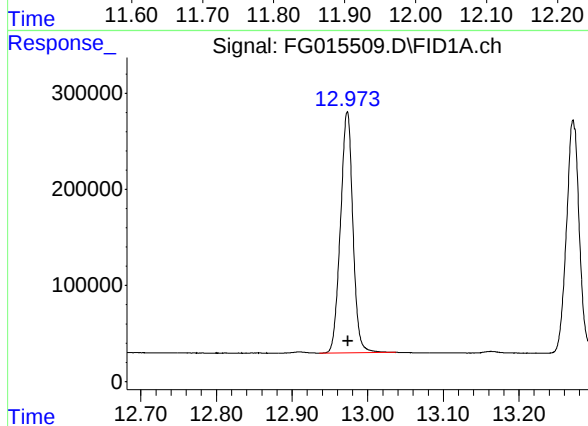
#10 Anthracene (C19.43)

R.T.: 11.222 min
Delta R.T.: 0.000 min
Response: 2760927
Conc: 20.18 ug/ml



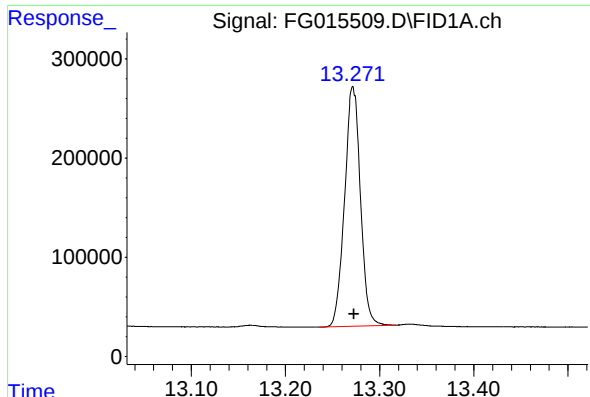
#11 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 2939103
Conc: 20.15 ug/ml



#12 Fluoranthene (C21.85)

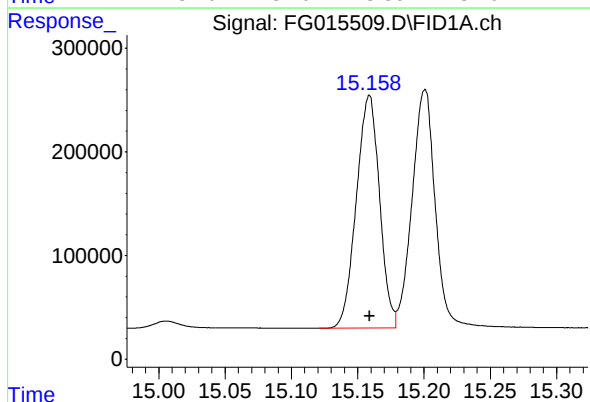
R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 2863951
Conc: 20.08 ug/ml



#13 Pyrene (C20.8)

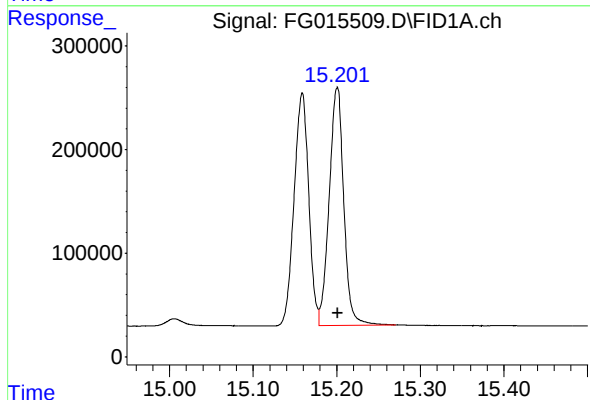
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 2820542
Conc: 20.10 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



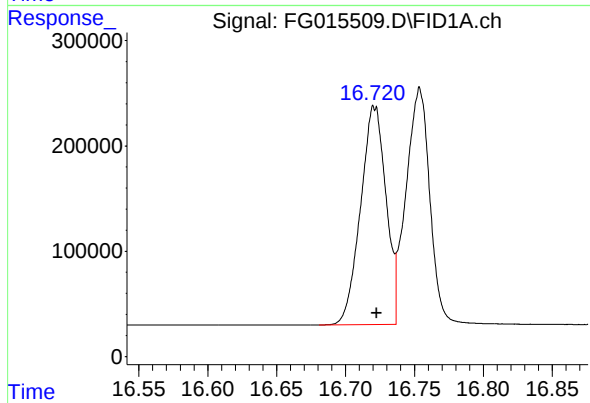
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 2729982
Conc: 20.13 ug/ml



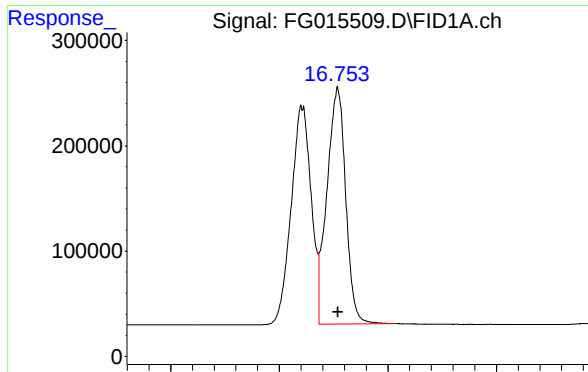
#15 Chrysene (C27.41)

R.T.: 15.200 min
Delta R.T.: 0.000 min
Response: 2781939
Conc: 19.87 ug/ml



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

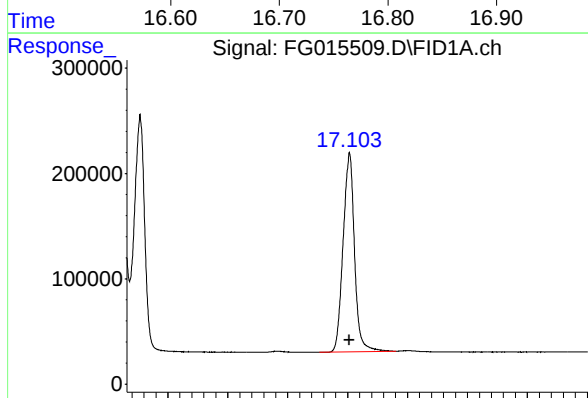
R.T.: 16.721 min
Delta R.T.: -0.002 min
Response: 2663167
Conc: 20.15 ug/ml



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

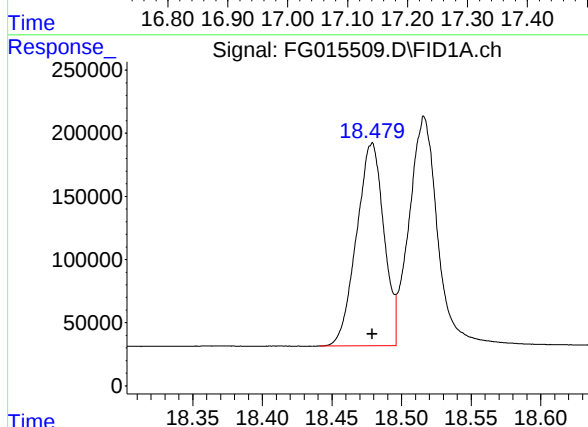
R.T.: 16.754 min
Delta R.T.: 0.000 min
Response: 2695393
Conc: 19.74 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



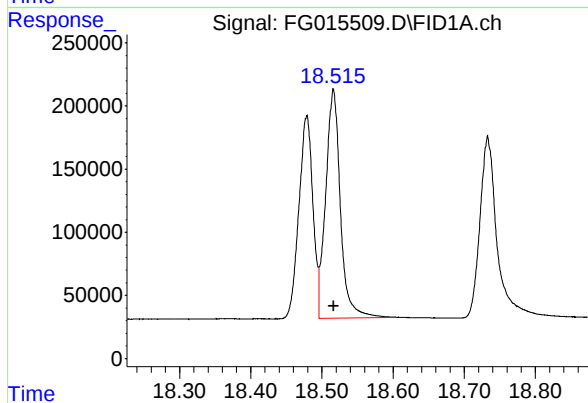
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.103 min
Delta R.T.: 0.000 min
Response: 2507202
Conc: 19.99 ug/ml



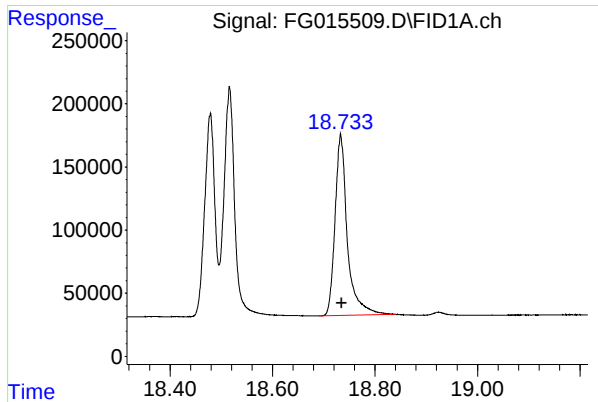
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.479 min
Delta R.T.: 0.000 min
Response: 2191788
Conc: 19.70 ug/ml



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

R.T.: 18.516 min
Delta R.T.: 0.000 min
Response: 2597875
Conc: 20.19 ug/ml



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

R.T.: 18.733 min

Delta R.T.: -0.002 min

Response: 2387045

Conc: 19.98 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD