

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015523.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 18:23
 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 01:01:12 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	2579594	21.117 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
6) S 2-Fluorobiphenyl (SURR)	8.847	1753039	21.209 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.42%
11) S ortho-Terphenyl (SURR)	11.920	3025218	20.745 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.558	2796465	21.044 ug/ml
2) T Naphthalene (C11.7)	6.237	2860862	21.175 ug/ml
3) T 2-Methylnaphthalene (...)	7.339	2822188	21.157 ug/ml
5) T Acenaphthylene (C15.06)	8.645	2965123	20.936 ug/ml
7) T Acenaphthene (C15.5)	8.945	2876125	21.081 ug/ml
8) T Fluorene (C16.55)	9.738	2947182	21.111 ug/ml
9) T Phenanthrene (C19.36)	11.149	2897054	20.564 ug/ml
10) T Anthracene (C19.43)	11.224	2851442	20.838 ug/ml
12) T Fluoranthene (C21.85)	12.977	2925574	20.515 ug/ml
13) T Pyrene (C20.8)	13.276	2941374	20.963 ug/ml
14) T Benzo[a]anthracene (C...	15.163	2722913	20.076 ug/ml
15) T Chrysene (C27.41)	15.206	2929461	20.926 ug/ml
16) T benzo[b]fluoranthene ...	16.727	2579488	19.521 ug/ml
17) T Bnezo[k]fluoranthene ...	16.758	2792112	20.449 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.107	2495076	19.897 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	2155287	19.371 ug/ml
20) T Dibenz[a,h]anthracene...	18.522	2707805	21.043 ug/ml
21) T Benzo[g,h,i]perylene ...	18.740	2418035	20.236 ug/ml

(f)=RT Delta > 1/2 Window

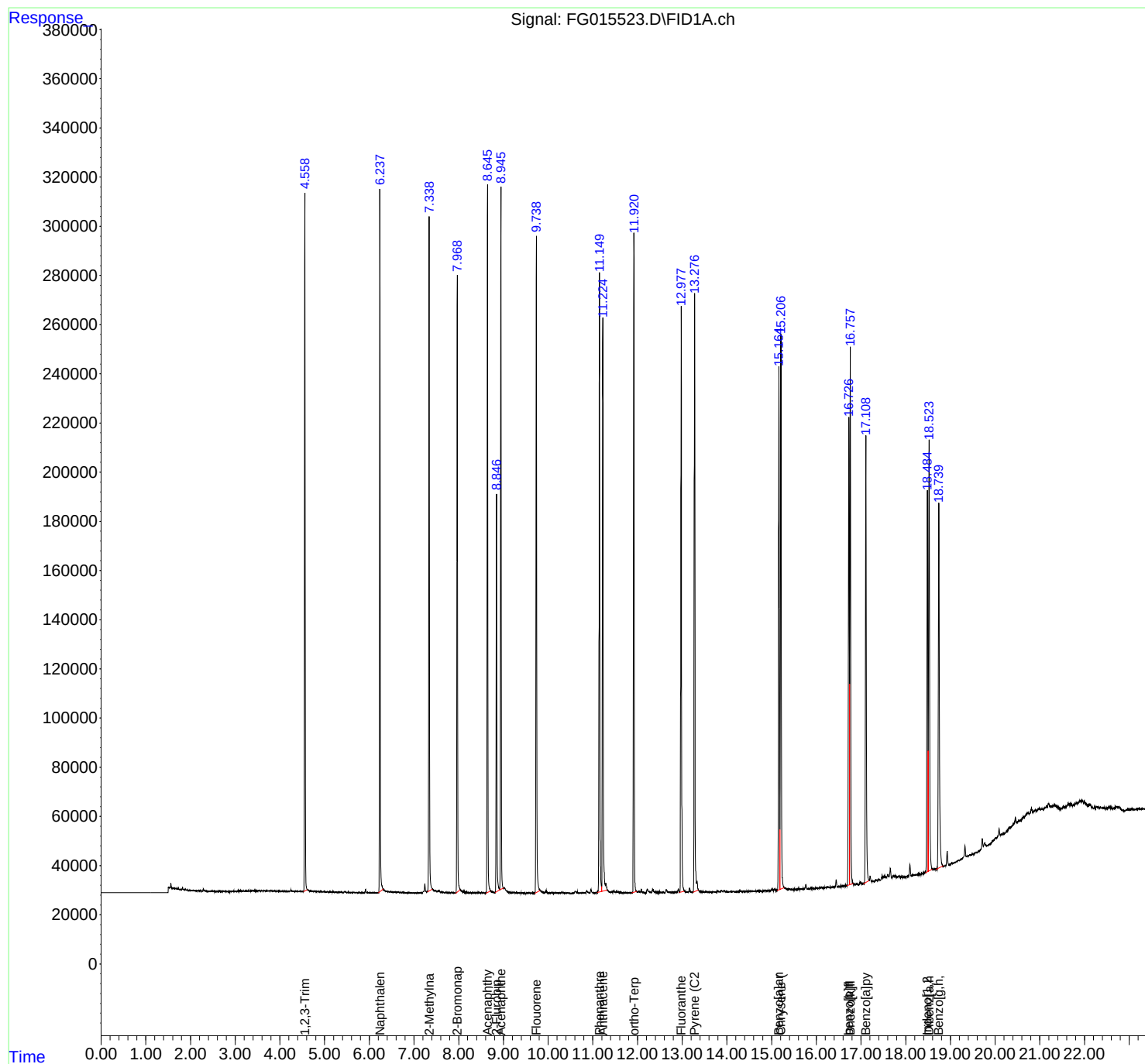
(m)=manual int.

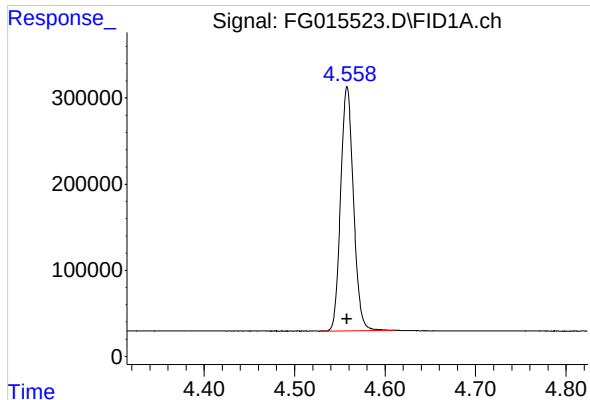
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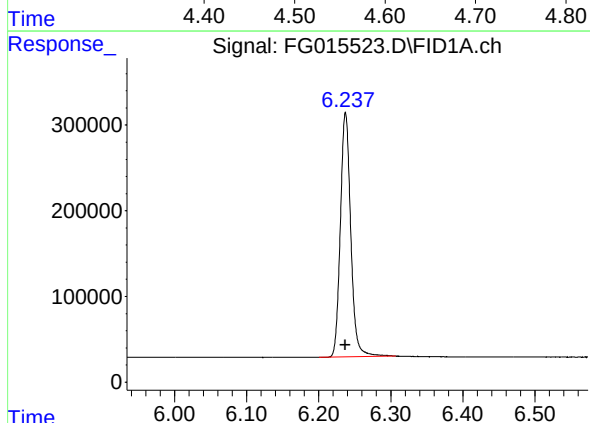




#1 1,2,3-Trimethylbenzene (C10.1)

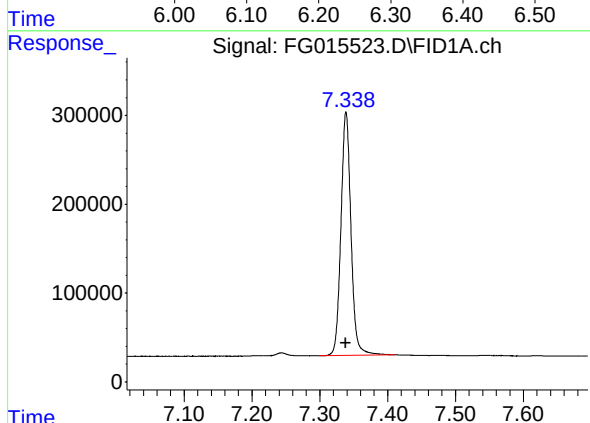
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 2796465
Conc: 21.04 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



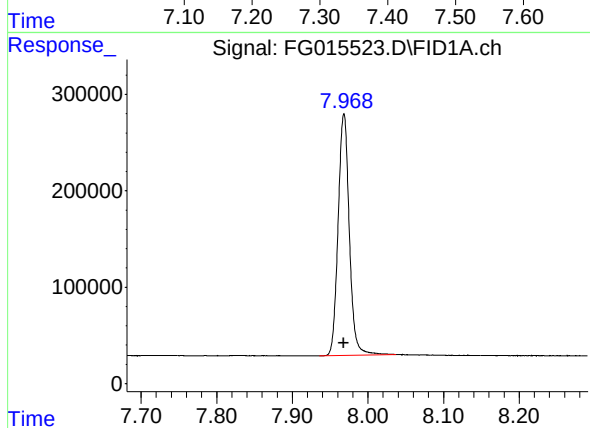
#2 Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 2860862
Conc: 21.17 ug/ml



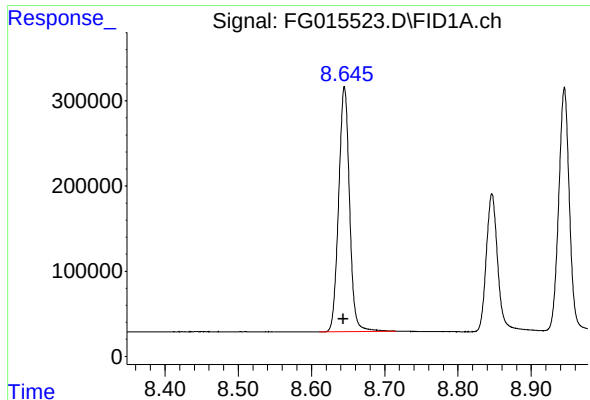
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 2822188
Conc: 21.16 ug/ml



#4 2-Bromonaphthalene (SURR)

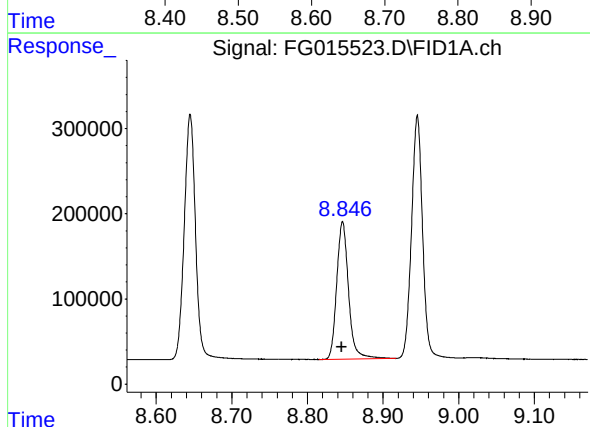
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 2579594
Conc: 21.12 ug/ml



#5 Acenaphthylene (C15.06)

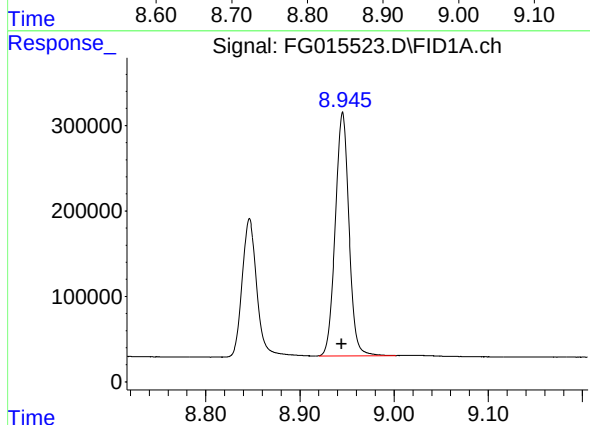
R.T.: 8.645 min
Delta R.T.: 0.001 min
Response: 2965123
Conc: 20.94 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



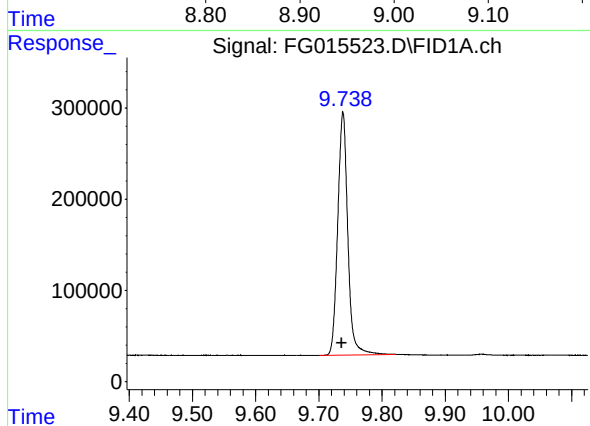
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 1753039
Conc: 21.21 ug/ml



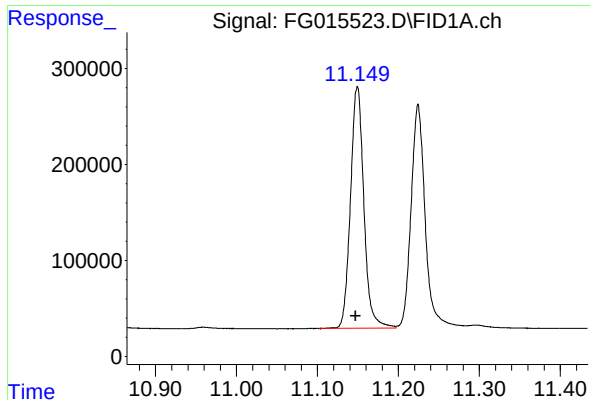
#7 Acenaphthene (C15.5)

R.T.: 8.945 min
Delta R.T.: 0.001 min
Response: 2876125
Conc: 21.08 ug/ml



#8 Fluorene (C16.55)

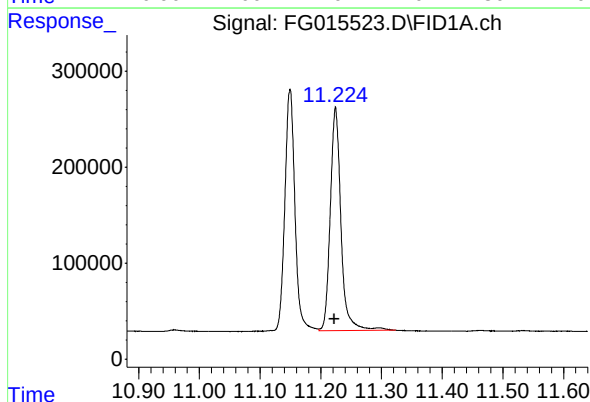
R.T.: 9.738 min
Delta R.T.: 0.002 min
Response: 2947182
Conc: 21.11 ug/ml



#9 Phenanthrene (C19.36)

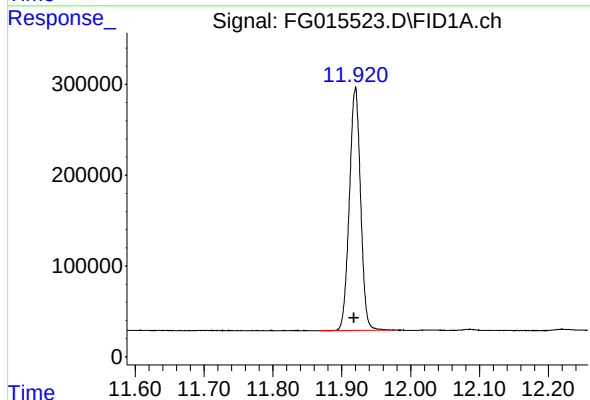
R.T.: 11.149 min
Delta R.T.: 0.002 min
Response: 2897054
Conc: 20.56 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



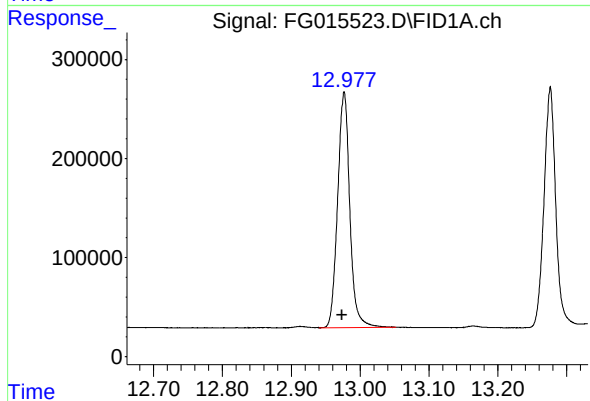
#10 Anthracene (C19.43)

R.T.: 11.224 min
Delta R.T.: 0.002 min
Response: 2851442
Conc: 20.84 ug/ml



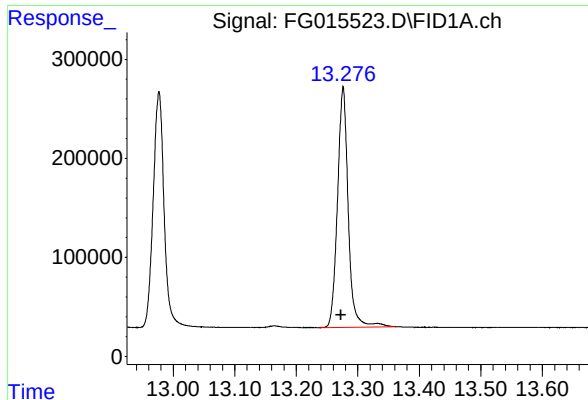
#11 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: 0.002 min
Response: 3025218
Conc: 20.74 ug/ml



#12 Fluoranthene (C21.85)

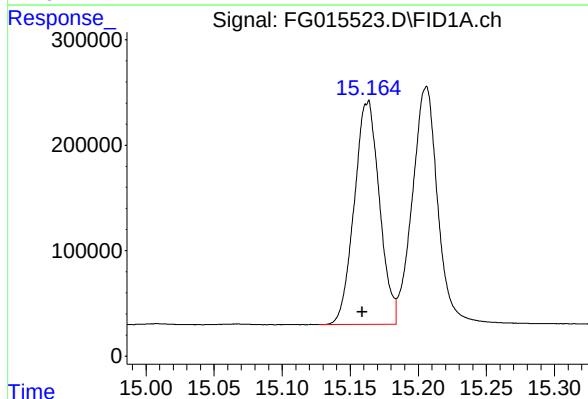
R.T.: 12.977 min
Delta R.T.: 0.003 min
Response: 2925574
Conc: 20.52 ug/ml



#13 Pyrene (C20.8)

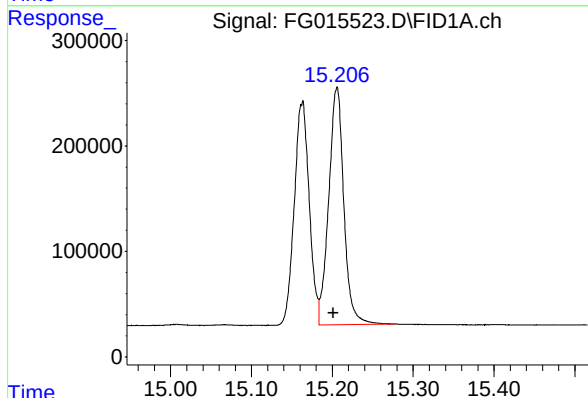
R.T.: 13.276 min
Delta R.T.: 0.003 min
Response: 2941374
Conc: 20.96 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



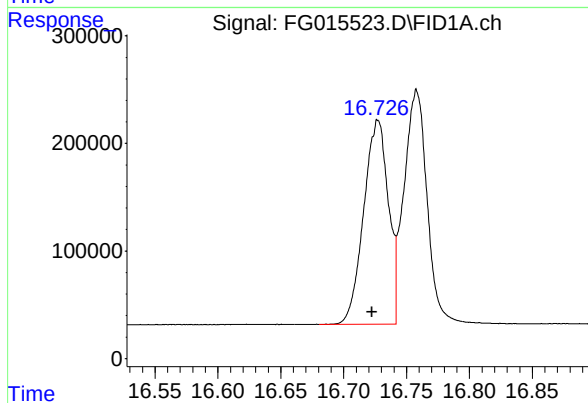
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.163 min
Delta R.T.: 0.004 min
Response: 2722913
Conc: 20.08 ug/ml



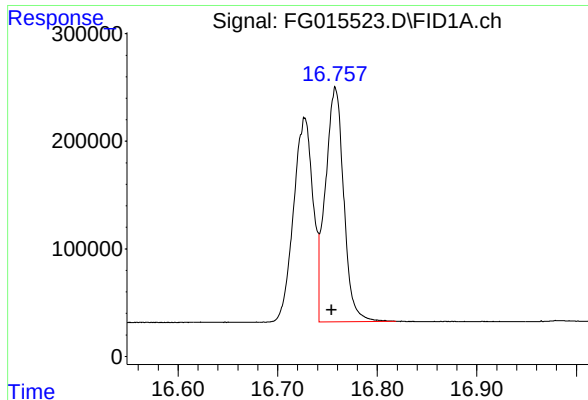
#15 Chrysene (C27.41)

R.T.: 15.206 min
Delta R.T.: 0.004 min
Response: 2929461
Conc: 20.93 ug/ml



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

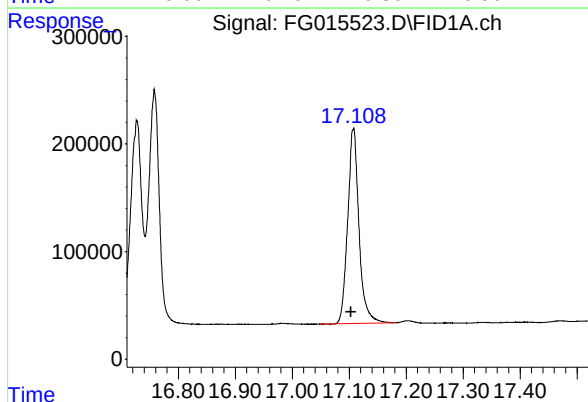
R.T.: 16.727 min
Delta R.T.: 0.004 min
Response: 2579488
Conc: 19.52 ug/ml



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

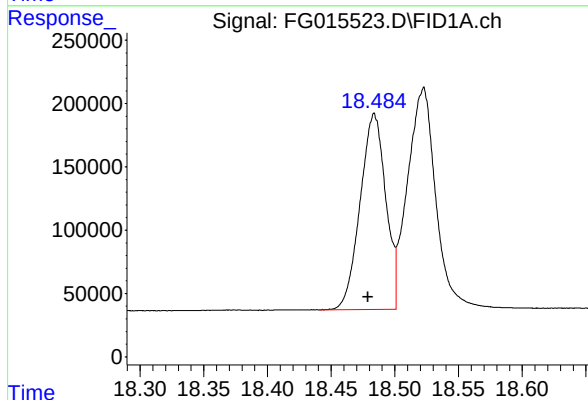
R.T.: 16.758 min
Delta R.T.: 0.004 min
Response: 2792112
Conc: 20.45 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



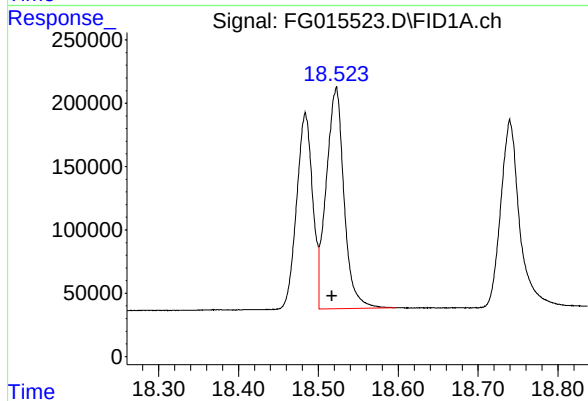
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.107 min
Delta R.T.: 0.004 min
Response: 2495076
Conc: 19.90 ug/ml



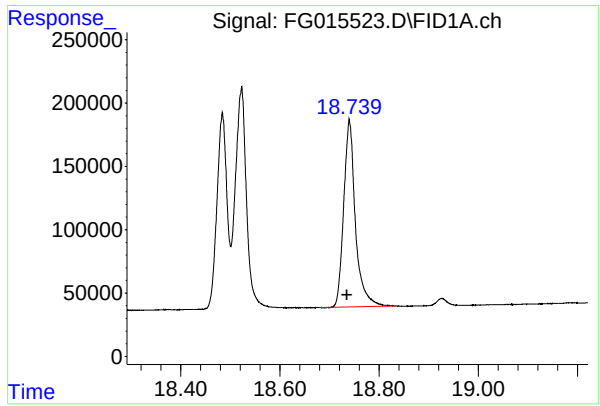
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: 0.005 min
Response: 2155287
Conc: 19.37 ug/ml



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

R.T.: 18.522 min
Delta R.T.: 0.005 min
Response: 2707805
Conc: 21.04 ug/ml



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

R.T.: 18.740 min
Delta R.T.: 0.005 min
Response: 2418035
Conc: 20.24 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD