

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021025AR\
 Data File : FF015512.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 09:17
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 11 02:32:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:23:26 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...	7.994	2644415	22.249 ug/ml
Spiked Amount 50.000		Recovery =	44.50%
6) S 2-Fluorobiphenyl (SURR)	8.870	1605012	21.135 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.27%
11) S ortho-Terphenyl (SURR)	11.931	2916331	22.113 ug/ml
Spiked Amount 50.000		Recovery =	44.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	3073083	22.187 ug/ml
2) T Naphthalene (C11.7)	6.273	3016528	21.900 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	2869468	21.586 ug/ml
5) T Acenaphthylene (C15.06)	8.668	2975887	22.009 ug/ml
7) T Acenaphthene (C15.5)	8.967	2978045	22.167 ug/ml
8) T Flouorene (C16.55)	9.757	2778766	21.397 ug/ml
9) T Phenanthrene (C19.36)	11.163	2567647	21.153 ug/ml
10) T Anthracene (C19.43)	11.239	2467559	20.588 ug/ml
12) T Fluoranthene (C21.85)	12.986	2632299	21.641 ug/ml
13) T Pyrene (C20.8)	13.285	2656500	21.829 ug/ml
14) T Benzo[a]anthracene (C...	15.168	2137607	19.602 ug/ml
15) T Chrysene (C27.41)	15.209	2584739	21.678 ug/ml
16) T benzo[b]fluoranthene ...	16.728	2462385	21.334 ug/ml
17) T Bnezo[k]fluoranthene ...	16.760	2636277	21.830 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	2414444	21.519 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	2148583	19.492 ug/ml
20) T Dibenz[a,h]anthracene...	18.522	2414723	19.564 ug/ml
21) T Benzo[g,h,i]perylene ...	18.740	2720977	21.254 ug/ml

(f)=RT Delta > 1/2 Window

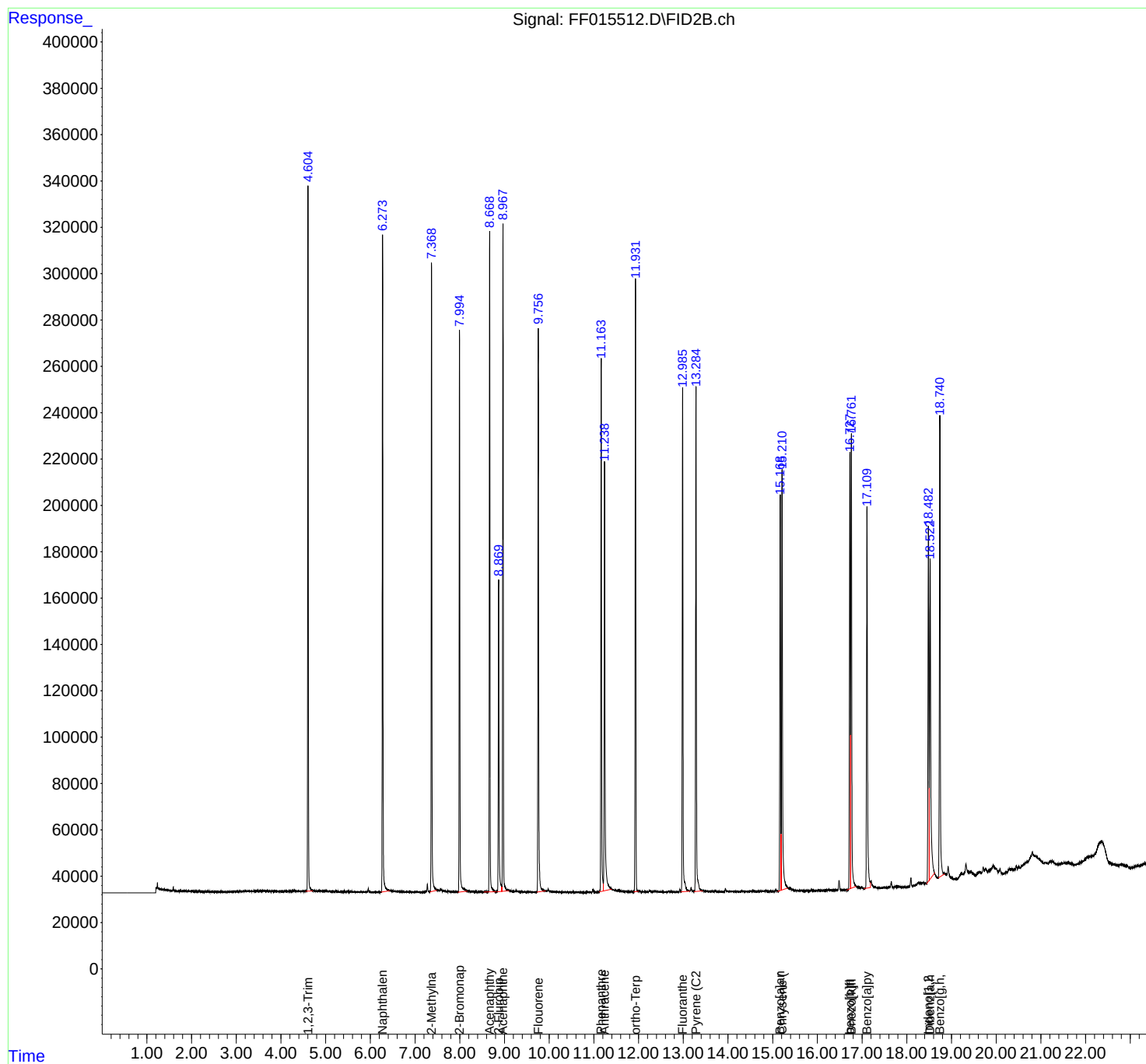
(m)=manual int.

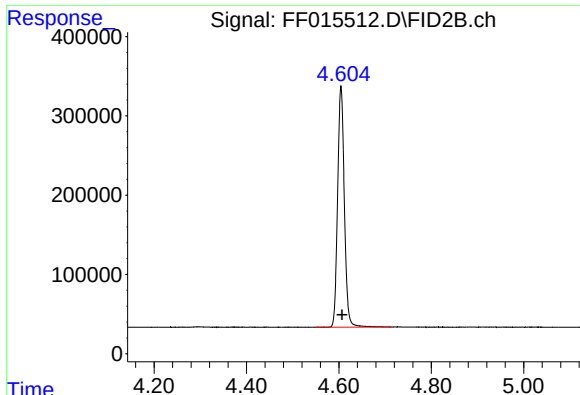
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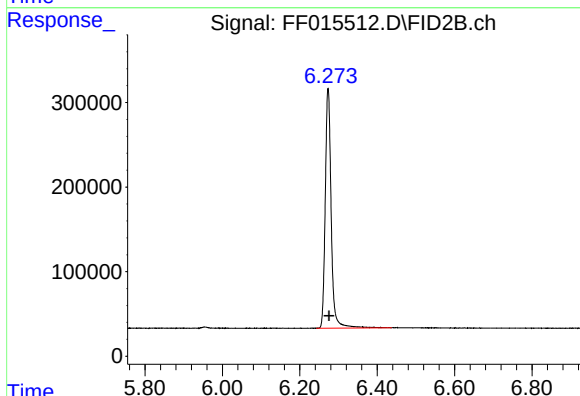




#1 1,2,3-Trimethylbenzene (C10.1)

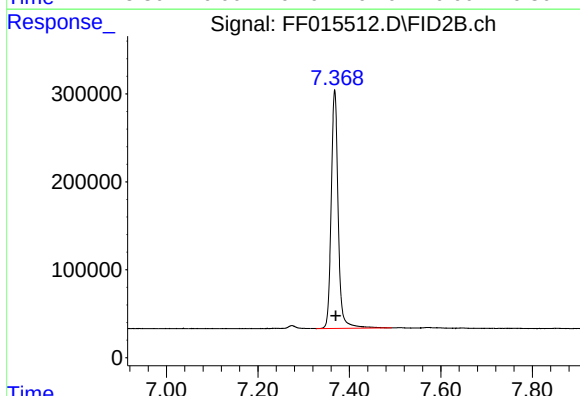
R.T.: 4.605 min
Delta R.T.: -0.002 min
Response: 3073083
Conc: 22.19 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



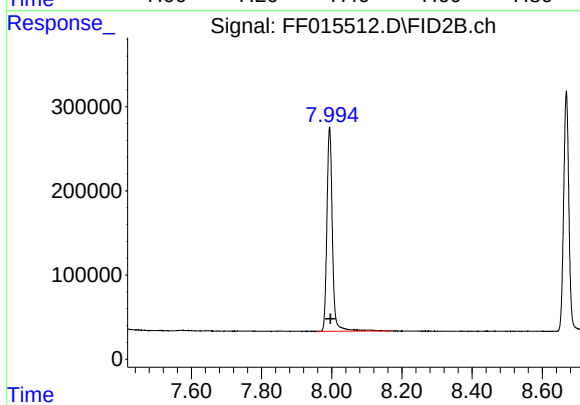
#2 Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 3016528
Conc: 21.90 ug/ml



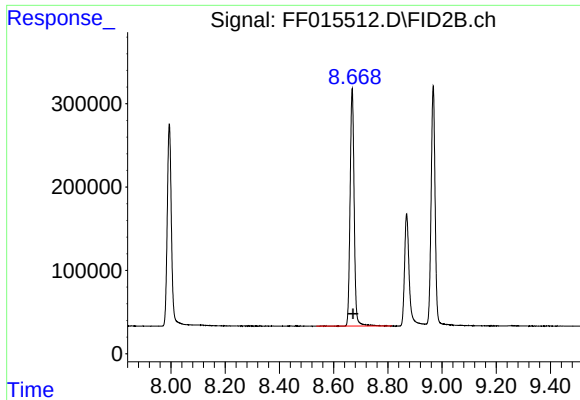
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: -0.002 min
Response: 2869468
Conc: 21.59 ug/ml



#4 2-Bromonaphthalene (SURR)

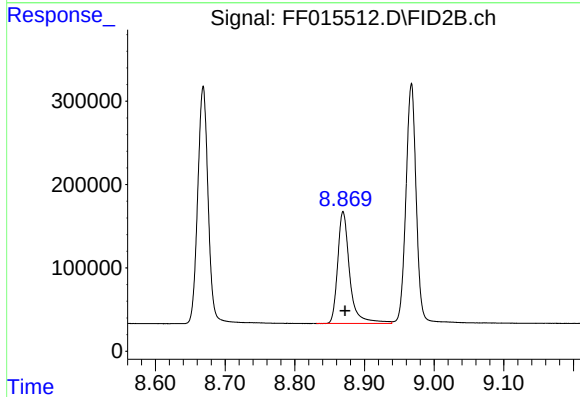
R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 2644415
Conc: 22.25 ug/ml



#5 Acenaphthylene (C15.06)

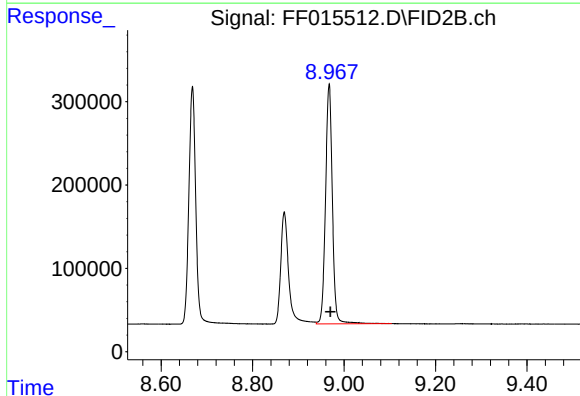
R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 2975887
Conc: 22.01 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



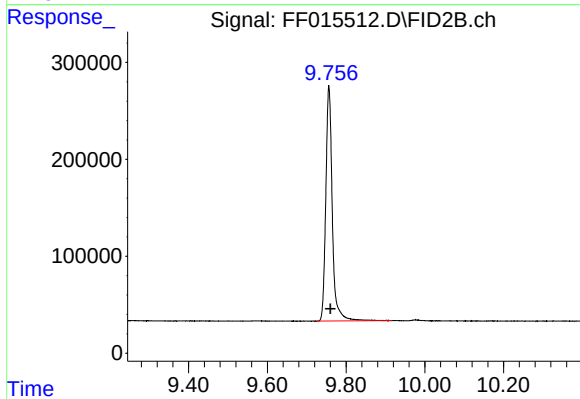
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.870 min
Delta R.T.: -0.002 min
Response: 1605012
Conc: 21.13 ug/ml



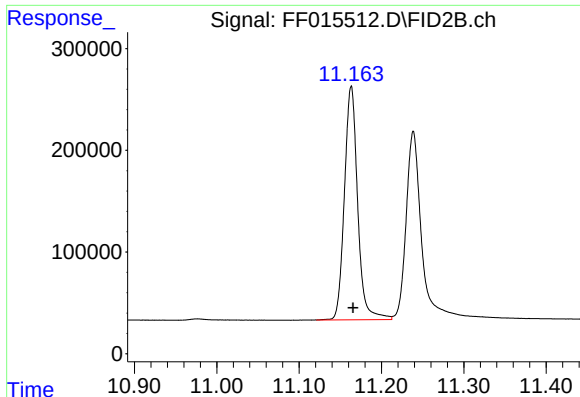
#7 Acenaphthene (C15.5)

R.T.: 8.967 min
Delta R.T.: -0.003 min
Response: 2978045
Conc: 22.17 ug/ml



#8 Flouorene (C16.55)

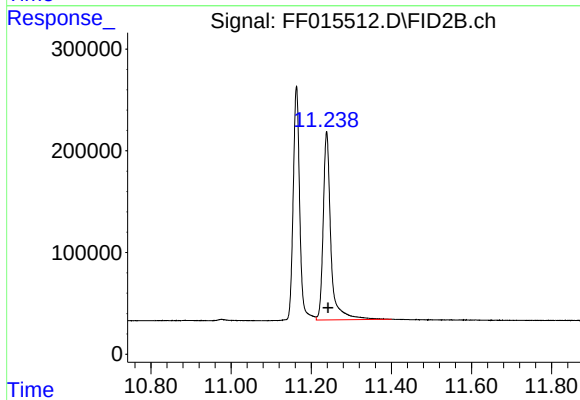
R.T.: 9.757 min
Delta R.T.: -0.003 min
Response: 2778766
Conc: 21.40 ug/ml



#9 Phenanthrene (C19.36)

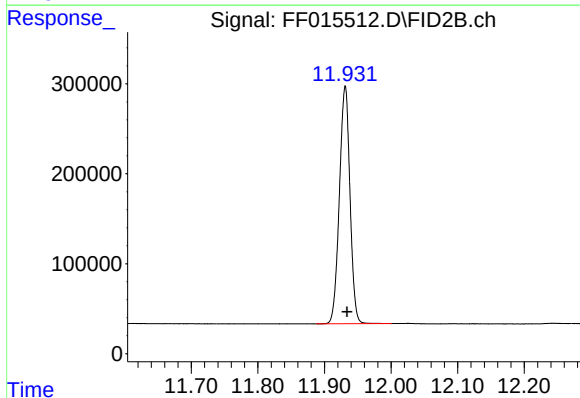
R.T.: 11.163 min
Delta R.T.: -0.002 min
Response: 2567647
Conc: 21.15 ug/ml

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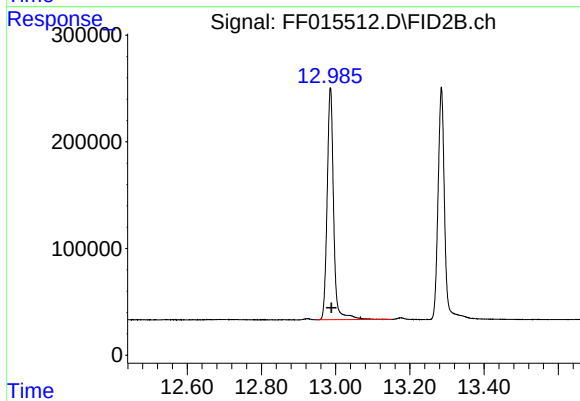
#10 Anthracene (C19.43)

R.T.: 11.239 min
Delta R.T.: -0.003 min
Response: 2467559
Conc: 20.59 ug/ml



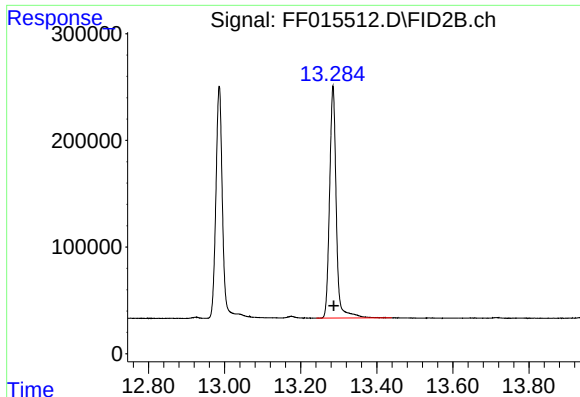
#11 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: -0.003 min
Response: 2916331
Conc: 22.11 ug/ml



#12 Fluoranthene (C21.85)

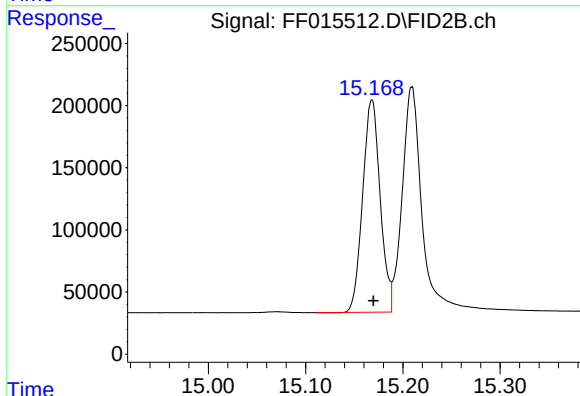
R.T.: 12.986 min
Delta R.T.: -0.003 min
Response: 2632299
Conc: 21.64 ug/ml



#13 Pyrene (C20.8)

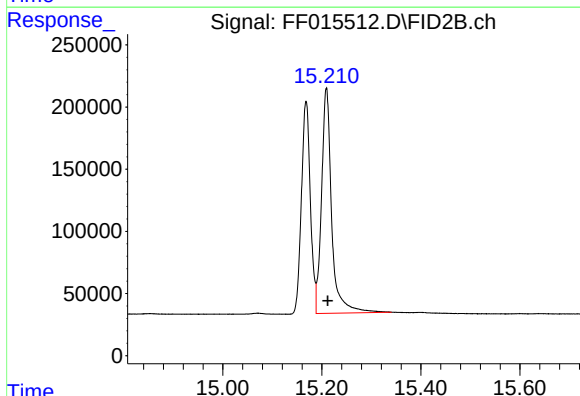
R.T.: 13.285 min
Delta R.T.: -0.002 min
Response: 2656500
Conc: 21.83 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



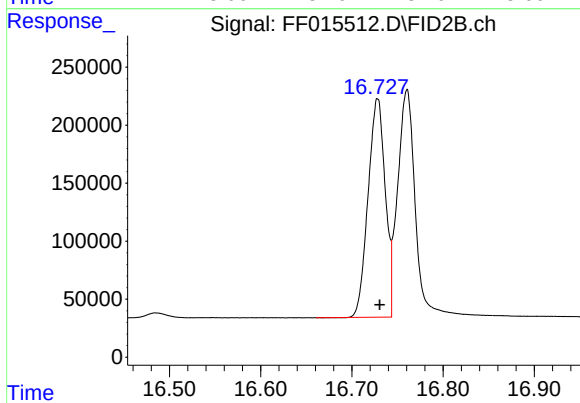
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.168 min
Delta R.T.: -0.002 min
Response: 2137607
Conc: 19.60 ug/ml



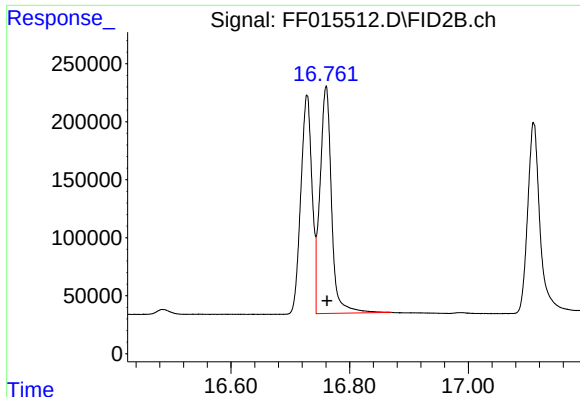
#15 Chrysene (C27.41)

R.T.: 15.209 min
Delta R.T.: -0.003 min
Response: 2584739
Conc: 21.68 ug/ml



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

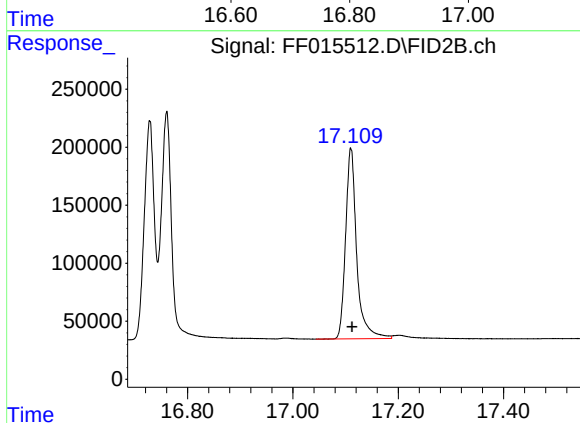
R.T.: 16.728 min
Delta R.T.: -0.002 min
Response: 2462385
Conc: 21.33 ug/ml



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

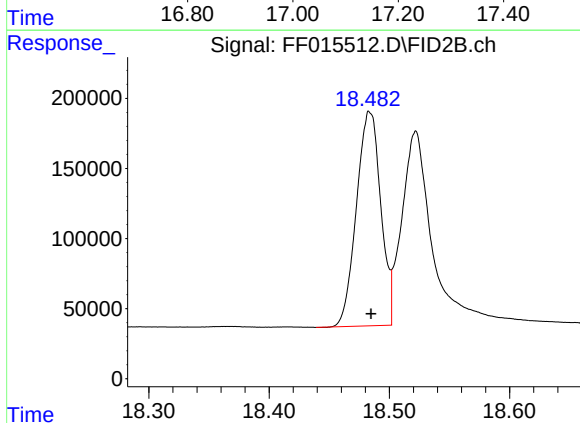
R.T.: 16.760 min
Delta R.T.: -0.002 min
Response: 2636277
Conc: 21.83 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



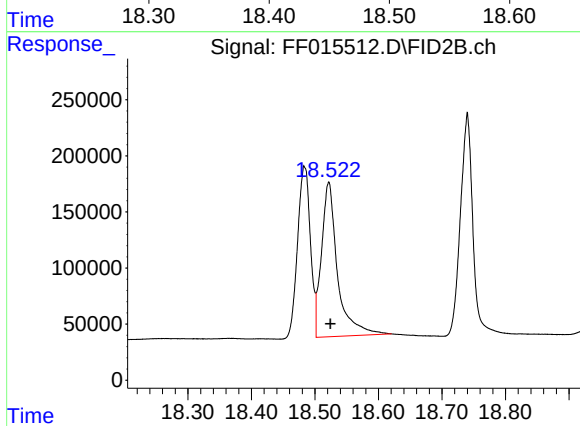
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.110 min
Delta R.T.: -0.002 min
Response: 2414444
Conc: 21.52 ug/ml



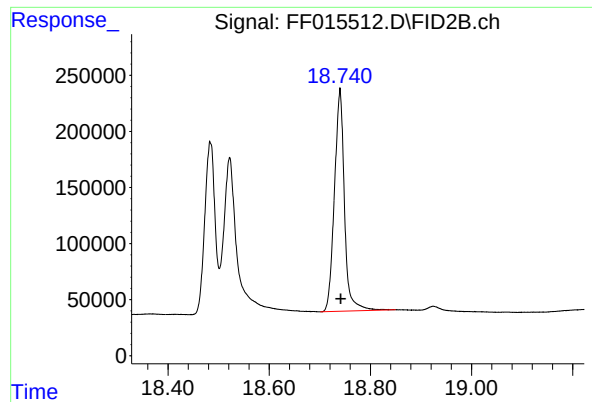
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: -0.001 min
Response: 2148583
Conc: 19.49 ug/ml



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

R.T.: 18.522 min
Delta R.T.: -0.003 min
Response: 2414723
Conc: 19.56 ug/ml



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

R.T.: 18.740 min
Delta R.T.: -0.001 min
Response: 2720977
Conc: 21.25 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD