

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AR\
 Data File : FG015012.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 17:44
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 20 18:25:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 17:05:22 2024
 Response via : Initial Calibration
 Integrator: ChemStation

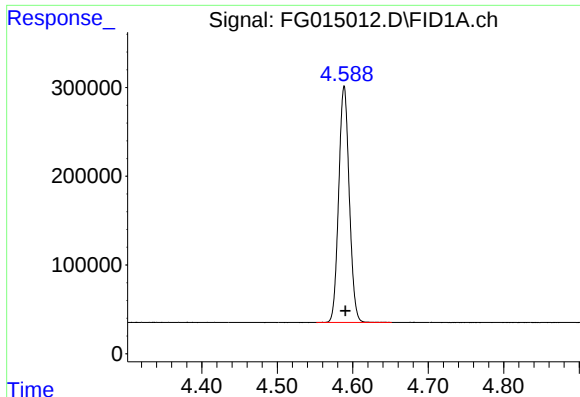
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.999	2478256	19.556 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
6) S 2-Fluorobiphenyl (SURR)	8.876	1715443	19.590 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.18%
11) S ortho-Terphenyl (SURR)	11.955	2887576	19.420 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.589	2592542	19.559 ug/ml
2) T Naphthalene (C11.7)	6.267	2738714	19.611 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	2709235	19.539 ug/ml
5) T Acenaphthylene (C15.06)	8.676	2824747	19.535 ug/ml
7) T Acenaphthene (C15.5)	8.976	2753370	19.546 ug/ml
8) T Flouorene (C16.55)	9.769	2834680	19.510 ug/ml
9) T Phenanthrene (C19.36)	11.181	2828863	19.482 ug/ml
10) T Anthracene (C19.43)	11.257	2777987	19.600 ug/ml
12) T Fluoranthene (C21.85)	13.009	2868573	19.410 ug/ml
13) T Pyrene (C20.8)	13.309	2857720	19.407 ug/ml
14) T Benzo[a]anthracene (C...	15.195	2824436	19.382 ug/ml
15) T Chrysene (C27.41)	15.238	2807603	19.371 ug/ml
16) T benzo[b]fluoranthene ...	16.758	2787445	19.316 ug/ml
17) T Bnezo[k]fluoranthene ...	16.790	2778635	19.381 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.138	2644203	19.371 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.512	2472380	19.194 ug/ml
20) T Dibenz[a,h]anthracene...	18.554	2690860	19.218 ug/ml
21) T Benzo[g,h,i]perylene ...	18.770	2592876	19.364 ug/ml

(f)=RT Delta > 1/2 Window

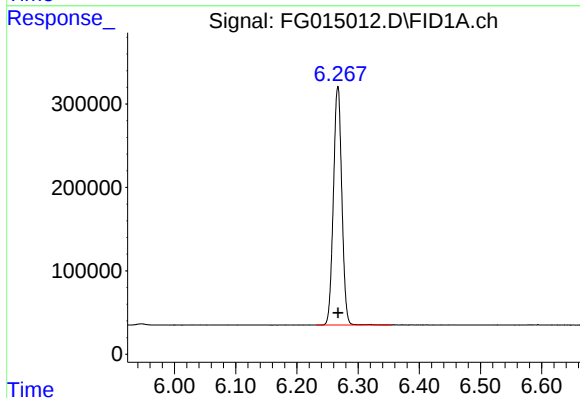
(m)=manual int.



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

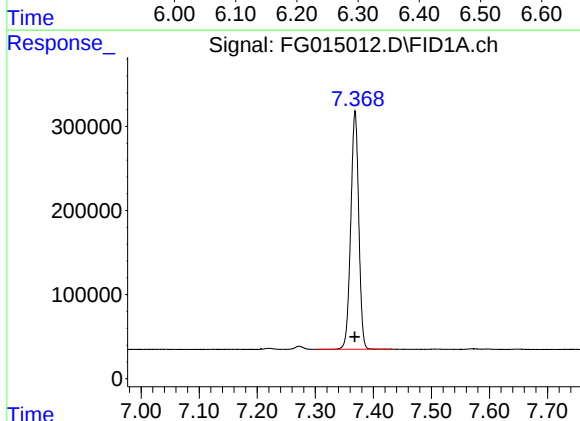
R.T.: 4.589 min
Delta R.T.: -0.001 min
Response: 2592542
Conc: 19.56 ug/ml

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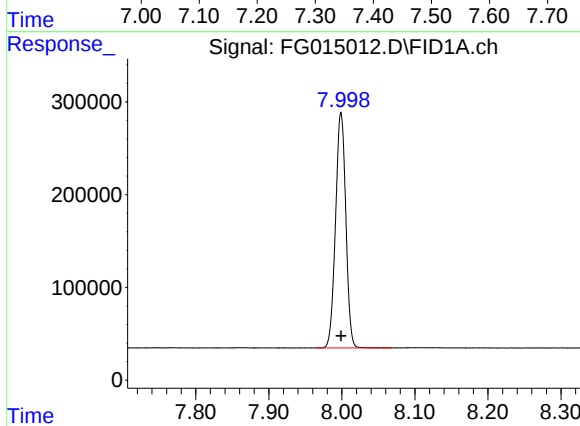
#2 Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 2738714
Conc: 19.61 ug/ml



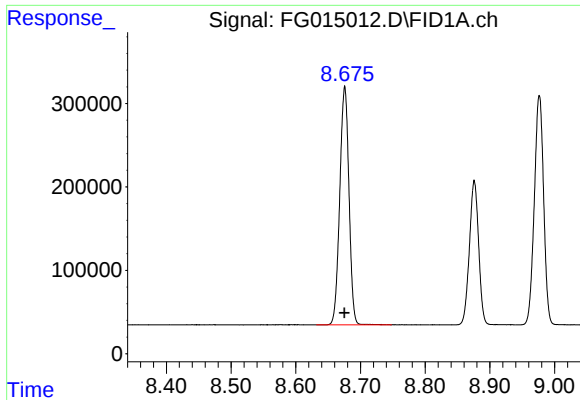
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 2709235
Conc: 19.54 ug/ml



#4 2-Bromonaphthalene (SURR)

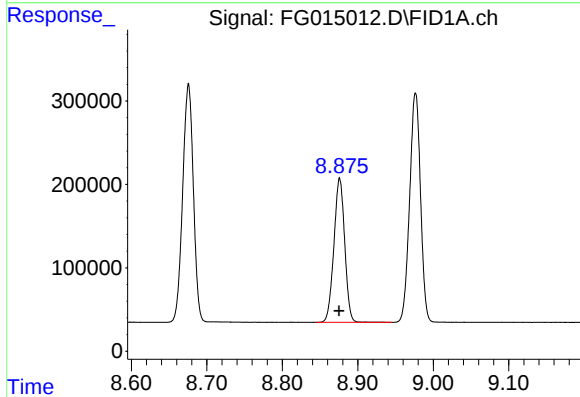
R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 2478256
Conc: 19.56 ug/ml



#5 Acenaphthylene (C15.06)

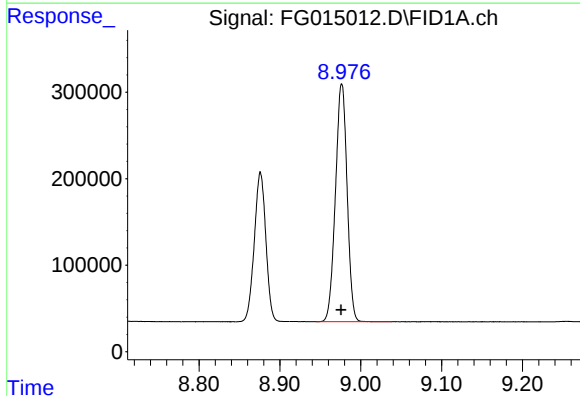
R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 2824747
Conc: 19.53 ug/ml

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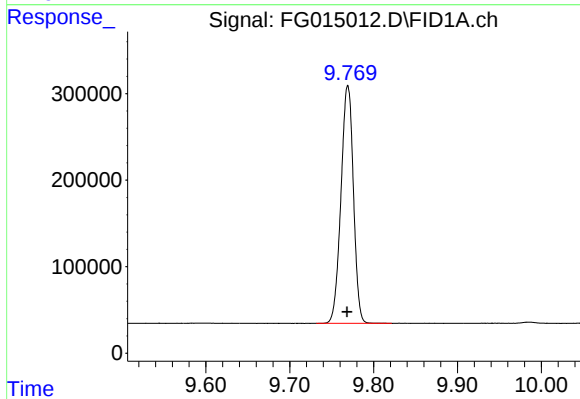
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.876 min
Delta R.T.: 0.000 min
Response: 1715443
Conc: 19.59 ug/ml



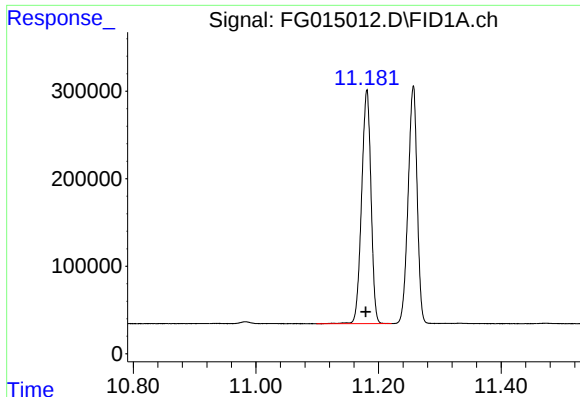
#7 Acenaphthene (C15.5)

R.T.: 8.976 min
Delta R.T.: 0.000 min
Response: 2753370
Conc: 19.55 ug/ml



#8 Fluorene (C16.55)

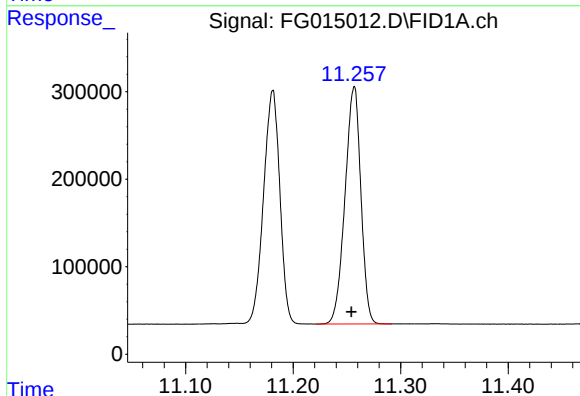
R.T.: 9.769 min
Delta R.T.: 0.000 min
Response: 2834680
Conc: 19.51 ug/ml



#9 Phenanthrene (C19.36)

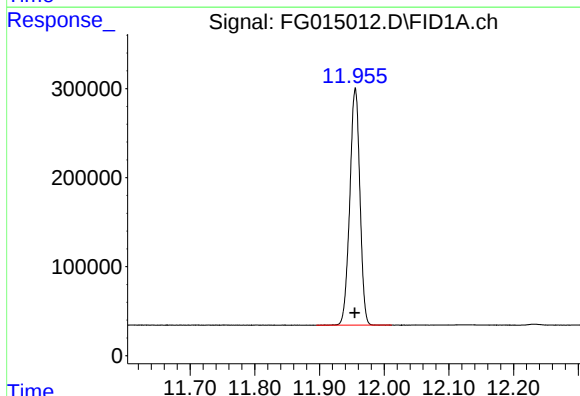
R.T.: 11.181 min
Delta R.T.: 0.001 min
Response: 2828863
Conc: 19.48 ug/ml

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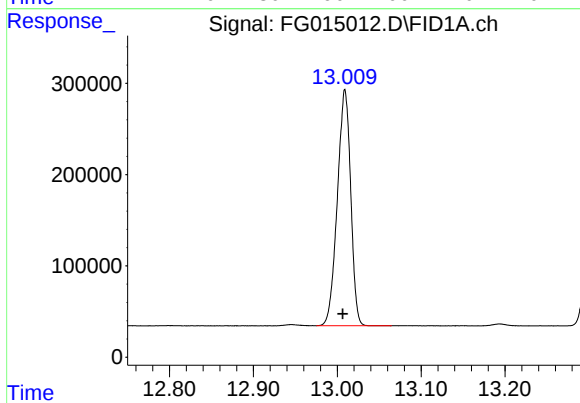
#10 Anthracene (C19.43)

R.T.: 11.257 min
Delta R.T.: 0.002 min
Response: 2777987
Conc: 19.60 ug/ml



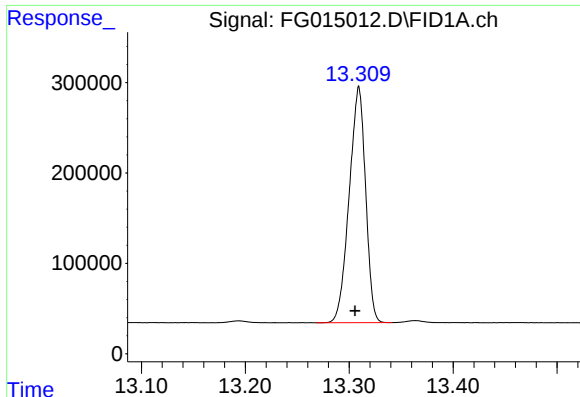
#11 ortho-Terphenyl (SURR)

R.T.: 11.955 min
Delta R.T.: 0.000 min
Response: 2887576
Conc: 19.42 ug/ml



#12 Fluoranthene (C21.85)

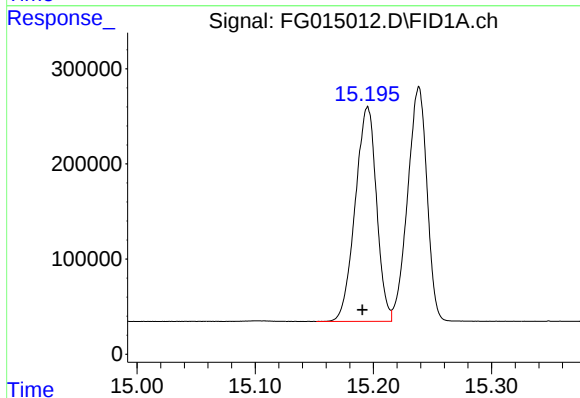
R.T.: 13.009 min
Delta R.T.: 0.002 min
Response: 2868573
Conc: 19.41 ug/ml



#13 Pyrene (C20.8)

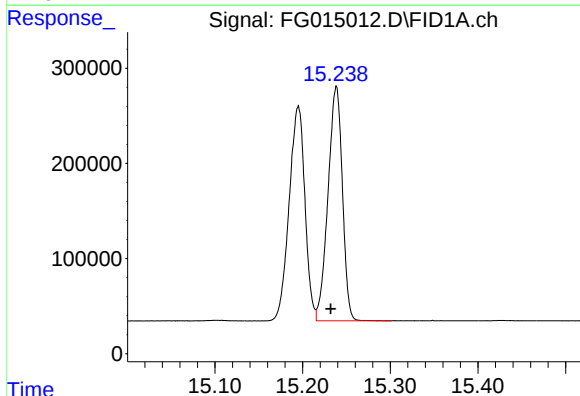
R.T.: 13.309 min
Delta R.T.: 0.003 min
Response: 2857720
Conc: 19.41 ug/ml

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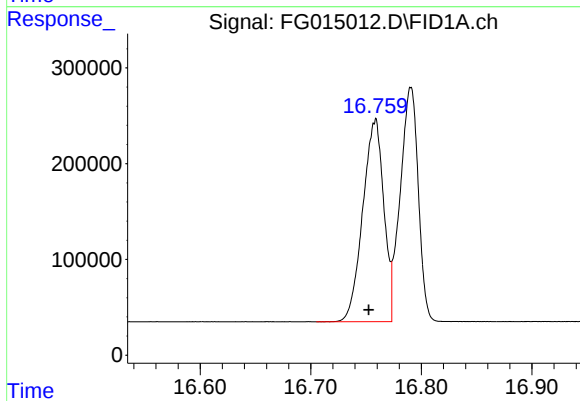
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.195 min
Delta R.T.: 0.004 min
Response: 2824436
Conc: 19.38 ug/ml



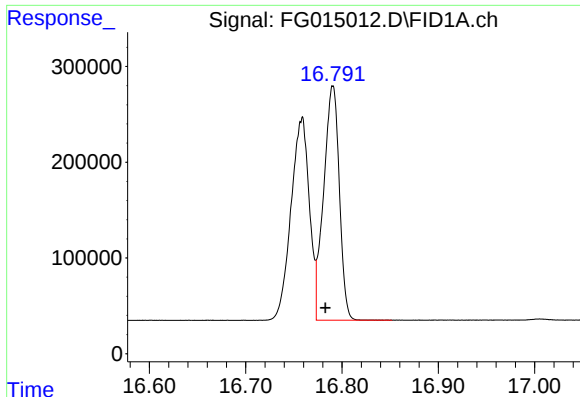
#15 Chrysene (C27.41)

R.T.: 15.238 min
Delta R.T.: 0.006 min
Response: 2807603
Conc: 19.37 ug/ml



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

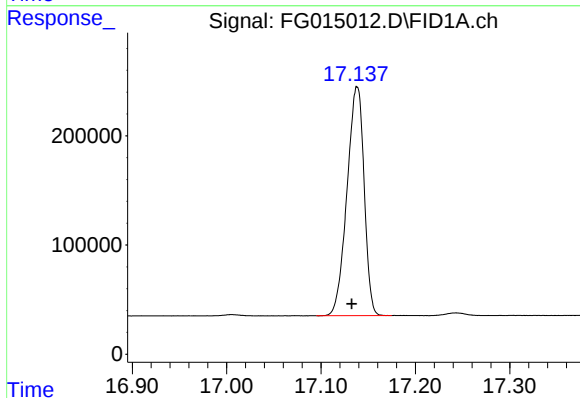
R.T.: 16.758 min
Delta R.T.: 0.006 min
Response: 2787445
Conc: 19.32 ug/ml



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

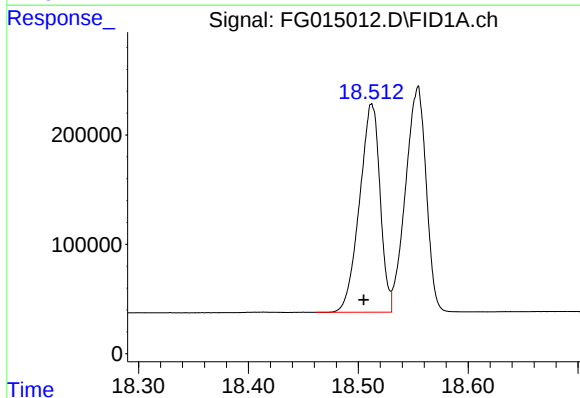
R.T.: 16.790 min
Delta R.T.: 0.007 min
Response: 2778635
Conc: 19.38 ug/ml

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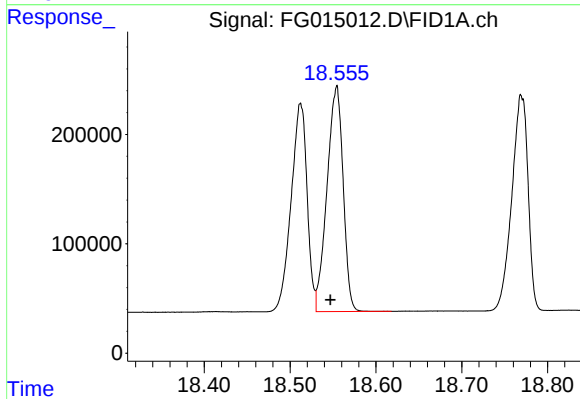
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.138 min
Delta R.T.: 0.005 min
Response: 2644203
Conc: 19.37 ug/ml



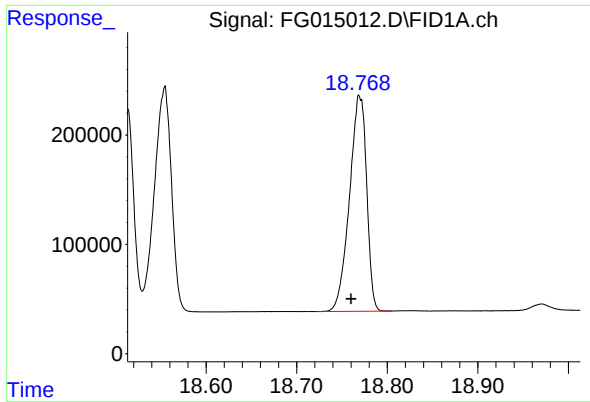
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.512 min
Delta R.T.: 0.007 min
Response: 2472380
Conc: 19.19 ug/ml



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

R.T.: 18.554 min
Delta R.T.: 0.007 min
Response: 2690860
Conc: 19.22 ug/ml



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

R.T.: 18.770 min
Delta R.T.: 0.010 min
Response: 2592876
Conc: 19.36 ug/ml

Instrument :

FID_G

ClientSampleId :

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