

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110824AR\
 Data File : FF014987.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 23:38
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 09 00:29:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:49:17 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...	7.992	2602179	19.553 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
6) S 2-Fluorobiphenyl (SURR)	8.867	1738542	19.493 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.99%
11) S ortho-Terphenyl (SURR)	11.928	2869586	19.483 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	2986472	19.622 ug/ml
2) T Naphthalene (C11.7)	6.274	3062574	19.514 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	3075068	19.602 ug/ml
5) T Acenaphthylene (C15.06)	8.667	2969379	19.526 ug/ml
7) T Acenaphthene (C15.5)	8.967	2964994	19.540 ug/ml
8) T Flouorene (C16.55)	9.755	2884752	19.448 ug/ml
9) T Phenanthrene (C19.36)	11.160	2812857	19.395 ug/ml
10) T Anthracene (C19.43)	11.235	2637390	19.219 ug/ml
12) T Fluoranthene (C21.85)	12.980	2702848	19.340 ug/ml
13) T Pyrene (C20.8)	13.279	2670067	19.378 ug/ml
14) T Benzo[a]anthracene (C...	15.157	2563185	19.209 ug/ml
15) T Chrysene (C27.41)	15.200	2603489	19.178 ug/ml
16) T benzo[b]fluoranthene ...	16.715	2645694	19.247 ug/ml
17) T Bnezo[k]fluoranthene ...	16.747	2493381	19.384 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.095	2624566	19.357 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.466	2624646	19.097 ug/ml
20) T Dibenz[a,h]anthracene...	18.506	2792583	18.875 ug/ml
21) T Benzo[g,h,i]perylene ...	18.724	2877228	19.660 ug/ml

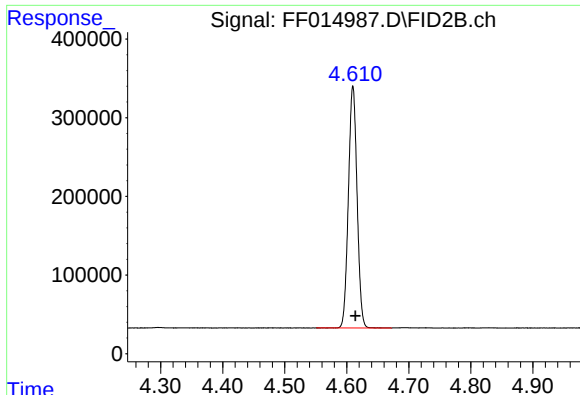
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM AROMATIC HC STD

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

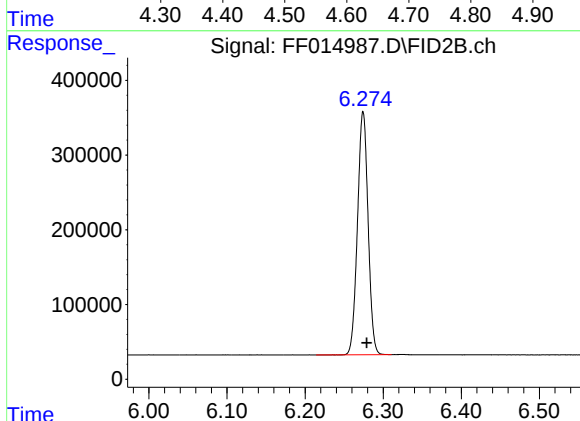




#1 1,2,3-Trimethylbenzene (C10.1)

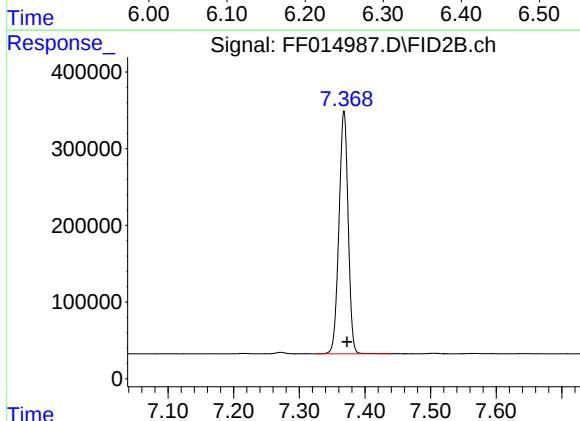
R.T.: 4.610 min
Delta R.T.: -0.004 min
Response: 2986472
Conc: 19.62 ug/ml

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20 PPM AROMATIC HC STD



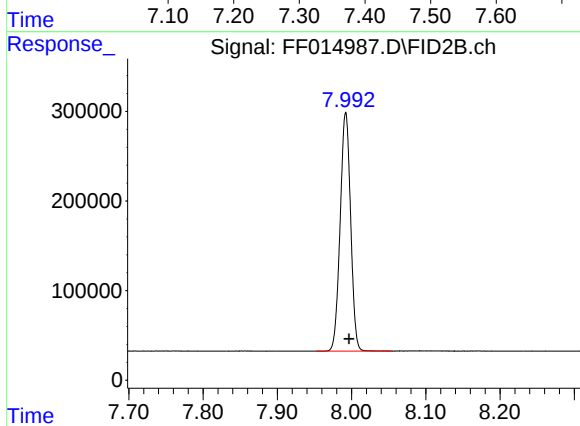
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.005 min
Response: 3062574
Conc: 19.51 ug/ml



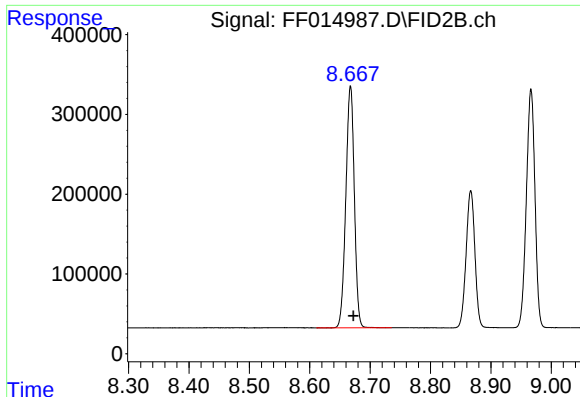
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: -0.005 min
Response: 3075068
Conc: 19.60 ug/ml



#4 2-Bromonaphthalene (SURR)

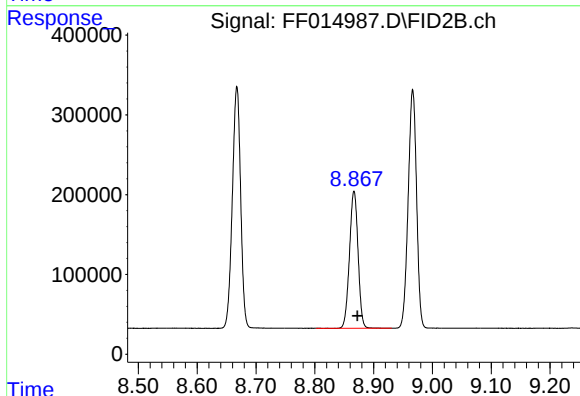
R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 2602179
Conc: 19.55 ug/ml



#5 Acenaphthylene (C15.06)

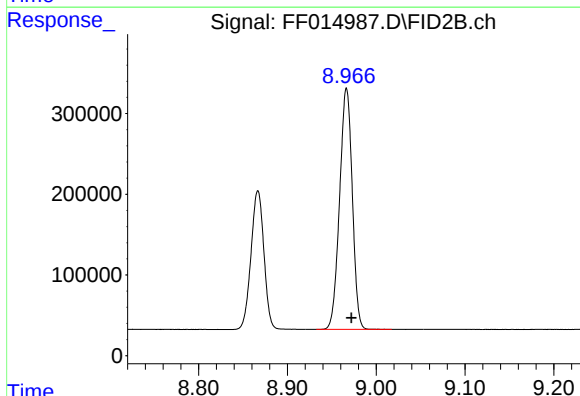
R.T.: 8.667 min
Delta R.T.: -0.005 min
Response: 2969379
Conc: 19.53 ug/ml

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20 PPM AROMATIC HC STD



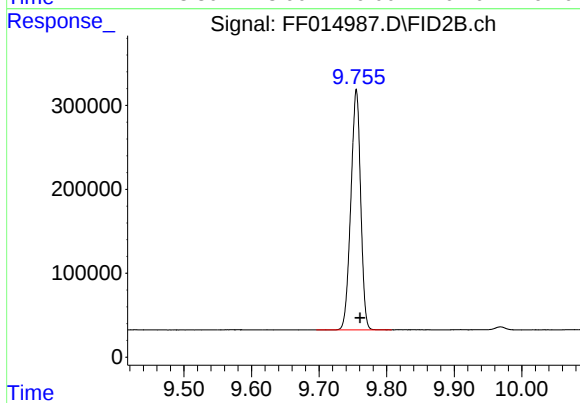
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.867 min
Delta R.T.: -0.005 min
Response: 1738542
Conc: 19.49 ug/ml



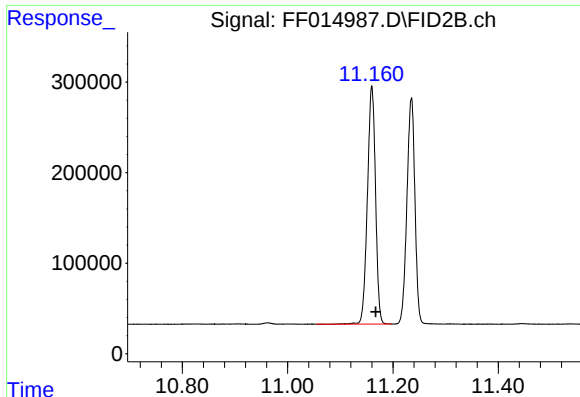
#7 Acenaphthene (C15.5)

R.T.: 8.967 min
Delta R.T.: -0.005 min
Response: 2964994
Conc: 19.54 ug/ml



#8 Fluorene (C16.55)

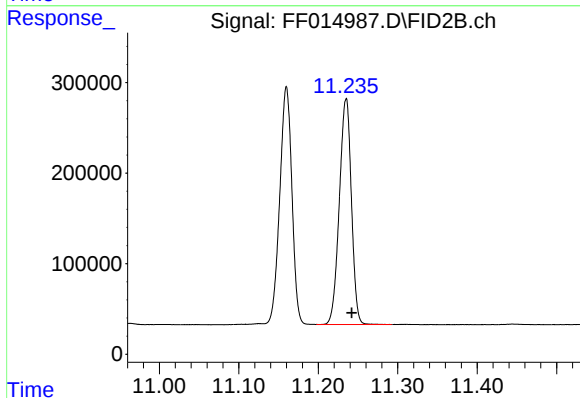
R.T.: 9.755 min
Delta R.T.: -0.006 min
Response: 2884752
Conc: 19.45 ug/ml



#9 Phenanthrene (C19.36)

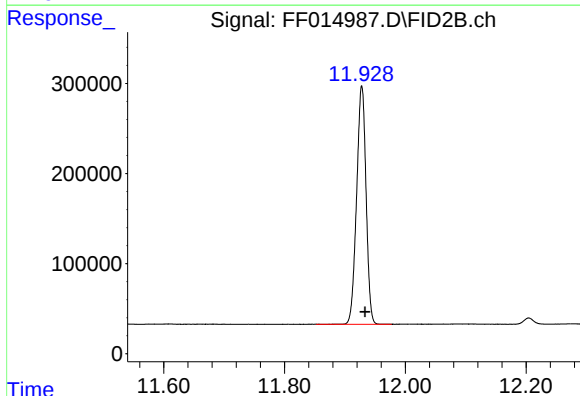
R.T.: 11.160 min
Delta R.T.: -0.007 min
Response: 2812857
Conc: 19.39 ug/ml

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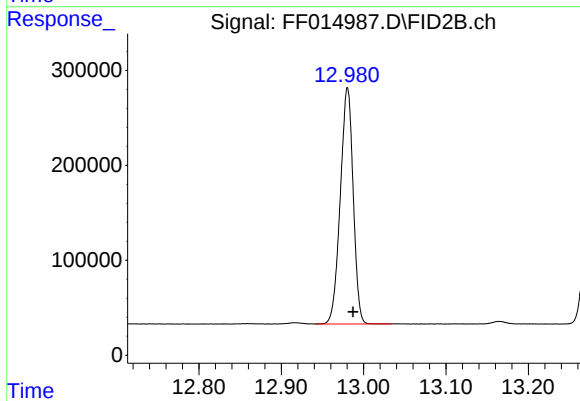
#10 Anthracene (C19.43)

R.T.: 11.235 min
Delta R.T.: -0.007 min
Response: 2637390
Conc: 19.22 ug/ml



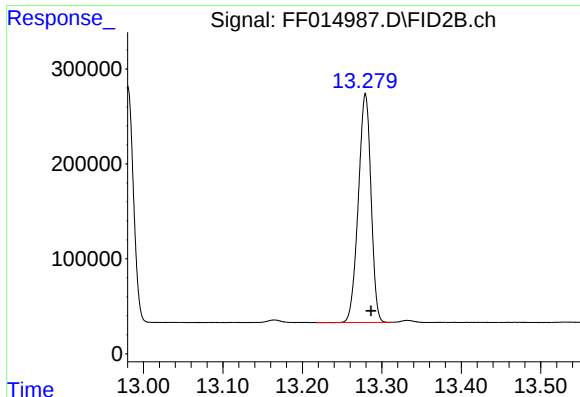
#11 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.006 min
Response: 2869586
Conc: 19.48 ug/ml



#12 Fluoranthene (C21.85)

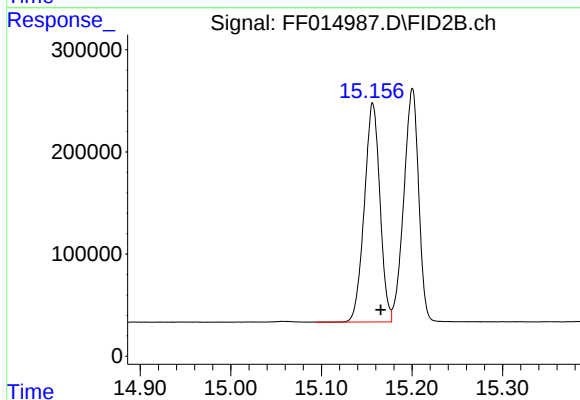
R.T.: 12.980 min
Delta R.T.: -0.007 min
Response: 2702848
Conc: 19.34 ug/ml



#13 Pyrene (C20.8)

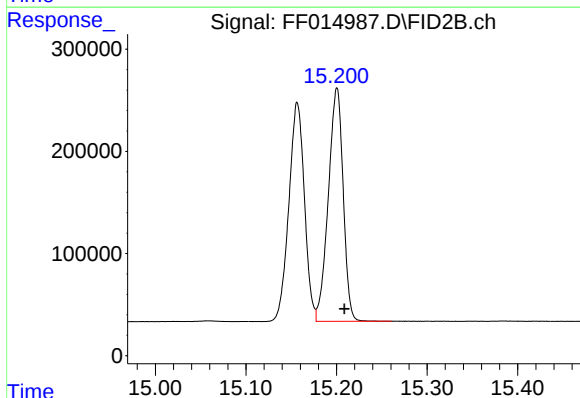
R.T.: 13.279 min
Delta R.T.: -0.007 min
Response: 2670067
Conc: 19.38 ug/ml

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20 PPM AROMATIC HC STD



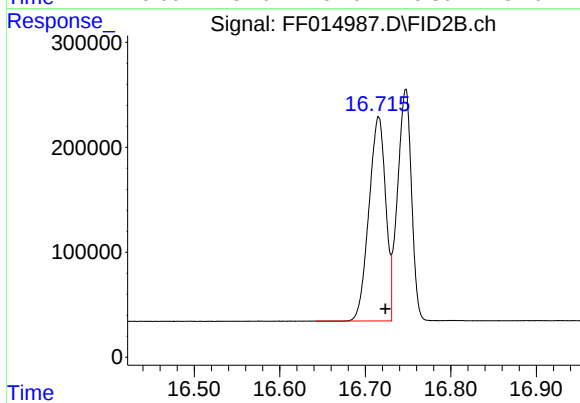
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min
Delta R.T.: -0.009 min
Response: 2563185
Conc: 19.21 ug/ml



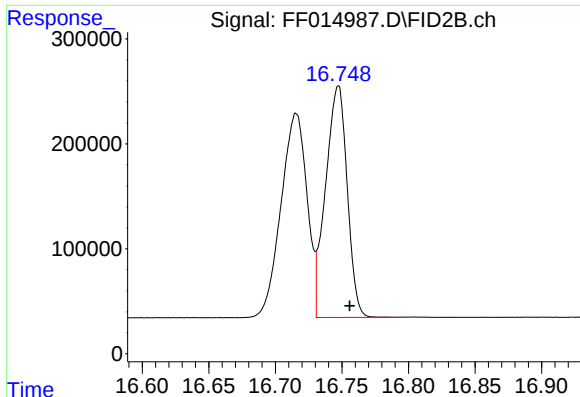
#15 Chrysene (C27.41)

R.T.: 15.200 min
Delta R.T.: -0.009 min
Response: 2603489
Conc: 19.18 ug/ml



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

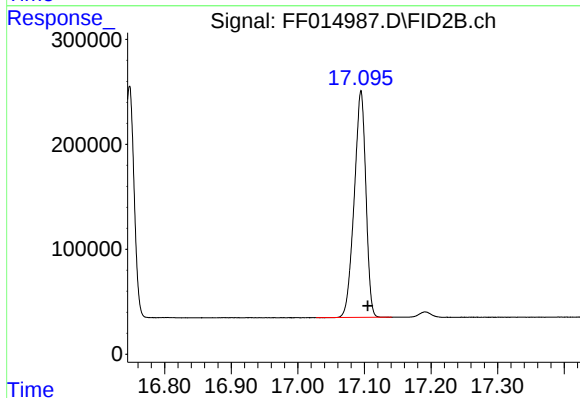
R.T.: 16.715 min
Delta R.T.: -0.008 min
Response: 2645694
Conc: 19.25 ug/ml



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

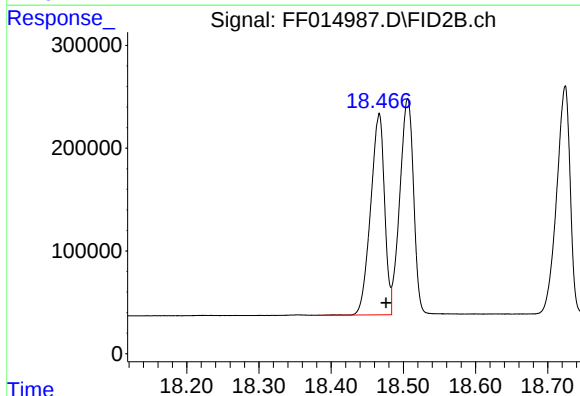
R.T.: 16.747 min
Delta R.T.: -0.009 min
Response: 2493381
Conc: 19.38 ug/ml

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20 PPM AROMATIC HC STD



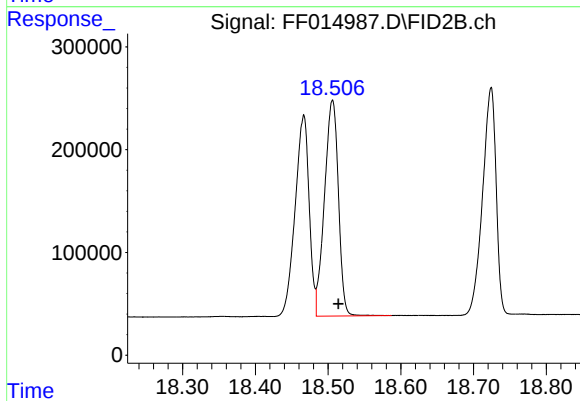
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.095 min
Delta R.T.: -0.010 min
Response: 2624566
Conc: 19.36 ug/ml



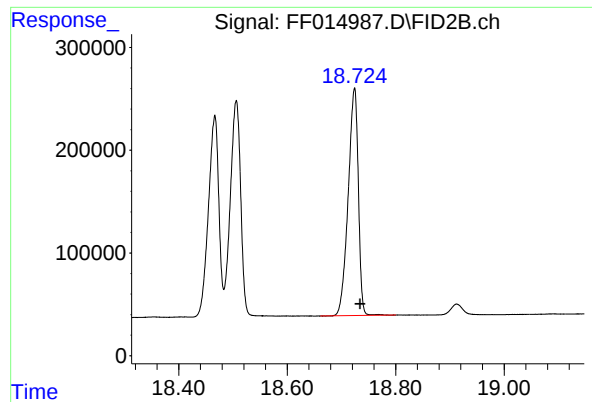
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.466 min
Delta R.T.: -0.010 min
Response: 2624646
Conc: 19.10 ug/ml



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

R.T.: 18.506 min
Delta R.T.: -0.009 min
Response: 2792583
Conc: 18.88 ug/ml



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

R.T.: 18.724 min
Delta R.T.: -0.010 min
Response: 2877228
Conc: 19.66 ug/ml

Instrument :

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ClientSampleId :

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