

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044609.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2022 08:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 07 09:45:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

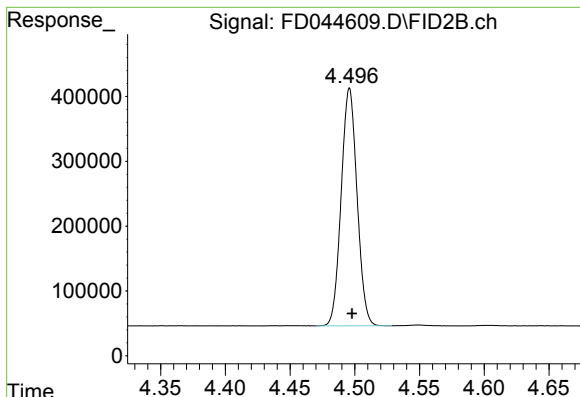
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.676	2799052	21.568 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
6) S 2-Fluorobiphenyl (SURR)	8.533	1887942	21.377 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.75%
11) S ortho-Terphenyl (SURR)	11.563	3527748	21.677 ug/ml
Spiked Amount 50.000		Recovery =	43.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	3128120	21.920 ug/ml
2) T Naphthalene (C11.7)	6.025	3259186	21.677 ug/ml
3) T 2-Methylnaphthalene (...)	7.069	3245338	21.480 ug/ml
5) T Acenaphthylene (C15.06)	8.338	2940045	21.149 ug/ml
7) T Acenaphthene (C15.5)	8.632	3161507	21.543 ug/ml
8) T Flouorene (C16.55)	9.409	3094250	21.460 ug/ml
9) T Phenanthrene (C19.36)	10.799	3035198	21.284 ug/ml
10) T Anthracene (C19.43)	10.872	2689546	19.358 ug/ml
12) T Fluoranthene (C21.85)	12.600	3070132	21.536 ug/ml
13) T Pyrene (C20.8)	12.895	2983073	21.435 ug/ml
14) T Benzo[a]anthracene (C...	14.754	2742044	21.192 ug/ml
15) T Chrysene (C27.41)	14.797	3028186	22.462 ug/ml
16) T benzo[b]fluoranthene ...	16.294	2831027	21.509 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	2892393	22.212 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2675603	20.703 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.023	2577293	20.222 ug/ml
20) T Dibenz[a,h]anthracene...	18.065	2730842	21.704 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	2664449	20.716 ug/ml

(f)=RT Delta > 1/2 Window

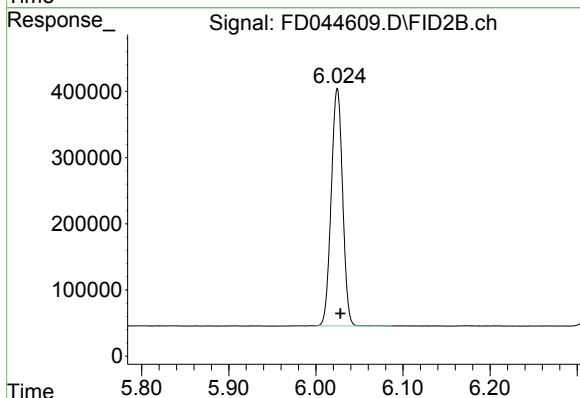
(m)=manual int.



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

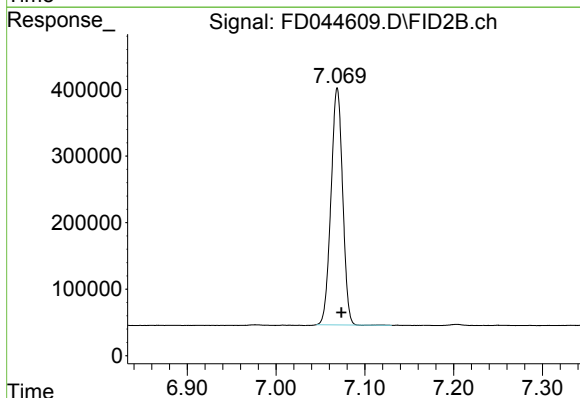
R.T.: 4.496 min
Delta R.T.: -0.002 min
Response: 3128120
Conc: 21.92 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



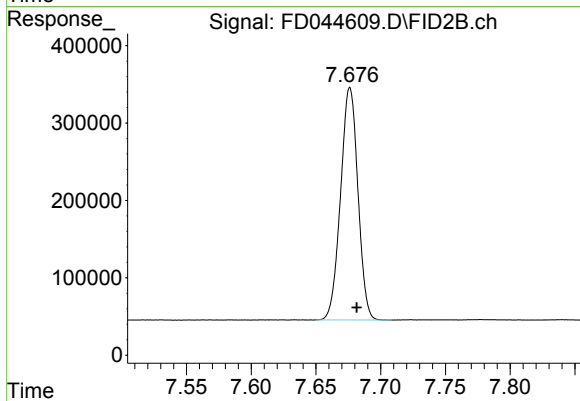
#2 Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: -0.004 min
Response: 3259186
Conc: 21.68 ug/ml



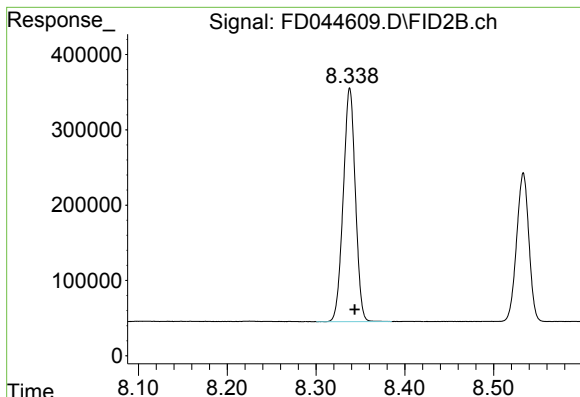
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.069 min
Delta R.T.: -0.005 min
Response: 3245338
Conc: 21.48 ug/ml



#4 2-Bromonaphthalene (SURR)

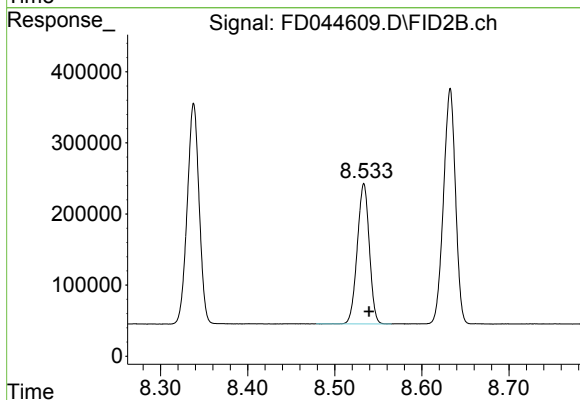
R.T.: 7.676 min
Delta R.T.: -0.005 min
Response: 2799052
Conc: 21.57 ug/ml



#5 Acenaphthylene (C15.06)

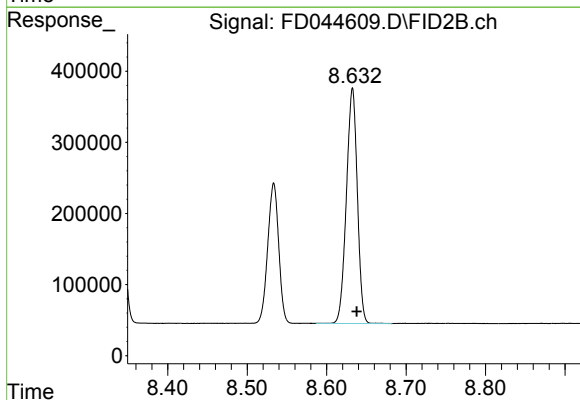
R.T.: 8.338 min
Delta R.T.: -0.006 min
Response: 2940045
Conc: 21.15 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



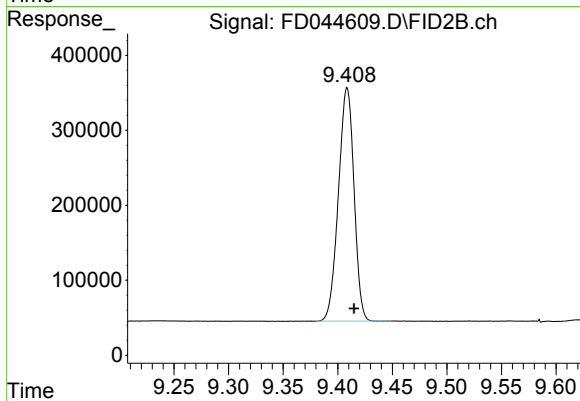
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.533 min
Delta R.T.: -0.006 min
Response: 1887942
Conc: 21.38 ug/ml



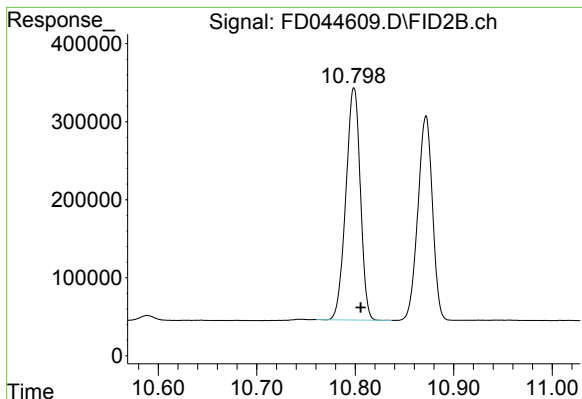
#7 Acenaphthene (C15.5)

R.T.: 8.632 min
Delta R.T.: -0.005 min
Response: 3161507
Conc: 21.54 ug/ml



#8 Fluorene (C16.55)

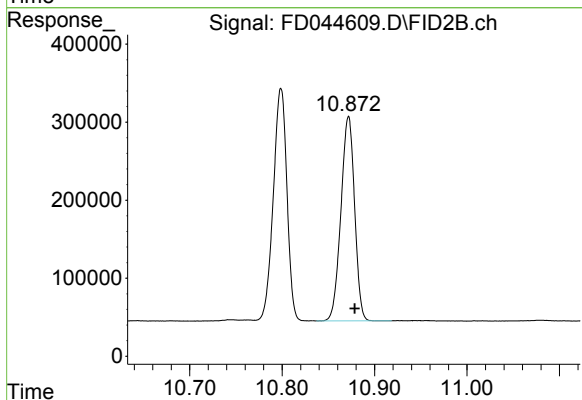
R.T.: 9.409 min
Delta R.T.: -0.006 min
Response: 3094250
Conc: 21.46 ug/ml



#9 Phenanthrene (C19.36)

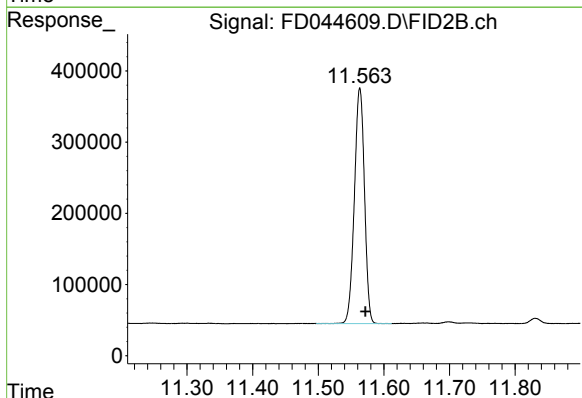
R.T.: 10.799 min
Delta R.T.: -0.007 min
Response: 3035198
Conc: 21.28 ug/ml

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20 PPM AROMATIC HC STD



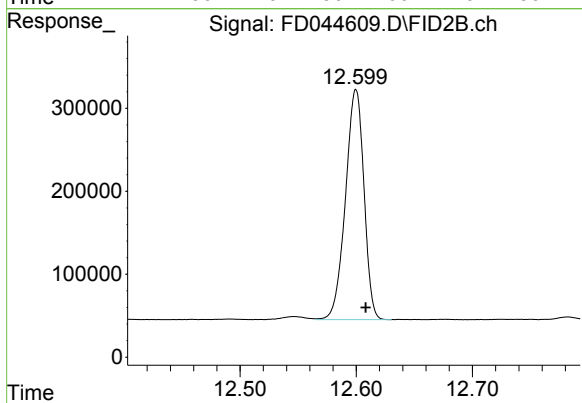
#10 Anthracene (C19.43)

R.T.: 10.872 min
Delta R.T.: -0.007 min
Response: 2689546
Conc: 19.36 ug/ml



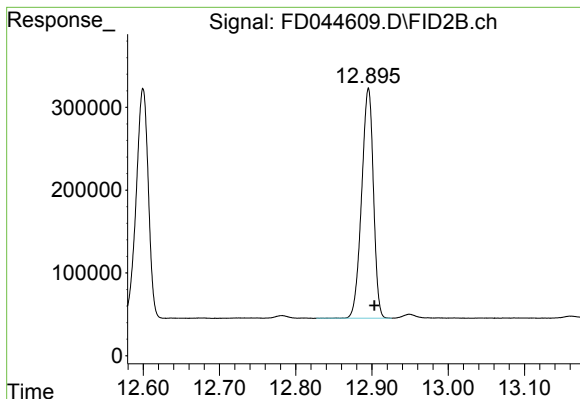
#11 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.008 min
Response: 3527748
Conc: 21.68 ug/ml



#12 Fluoranthene (C21.85)

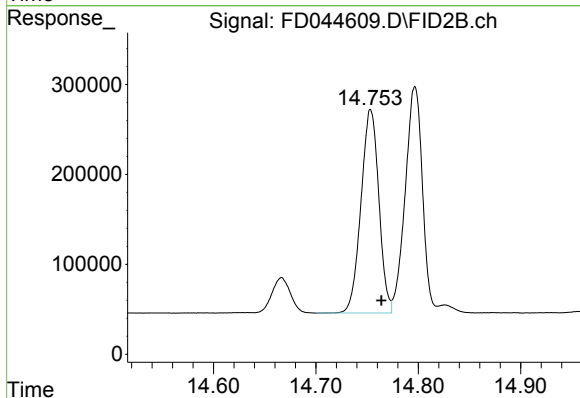
R.T.: 12.600 min
Delta R.T.: -0.009 min
Response: 3070132
Conc: 21.54 ug/ml



#13 Pyrene (C20.8)

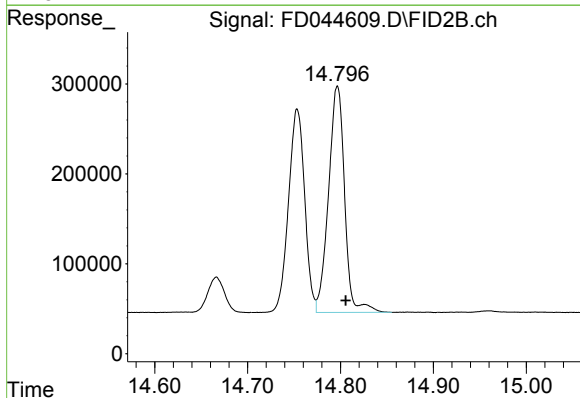
R.T.: 12.895 min
Delta R.T.: -0.008 min
Response: 2983073
Conc: 21.43 ug/ml

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20 PPM AROMATIC HC STD



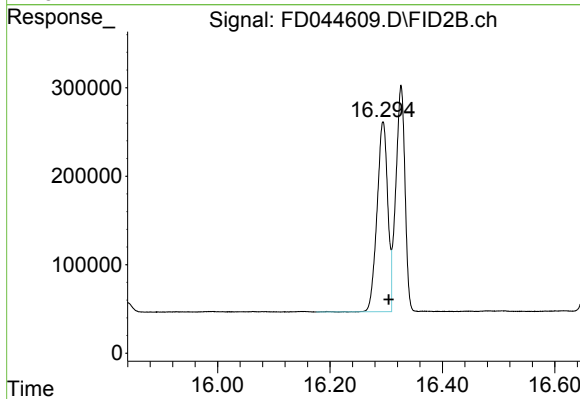
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: -0.011 min
Response: 2742044
Conc: 21.19 ug/ml



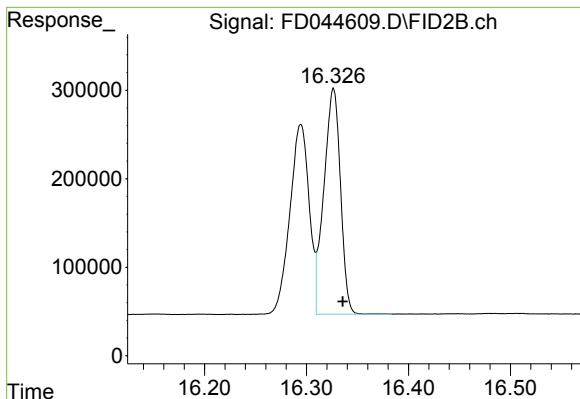
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.009 min
Response: 3028186
Conc: 22.46 ug/ml



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

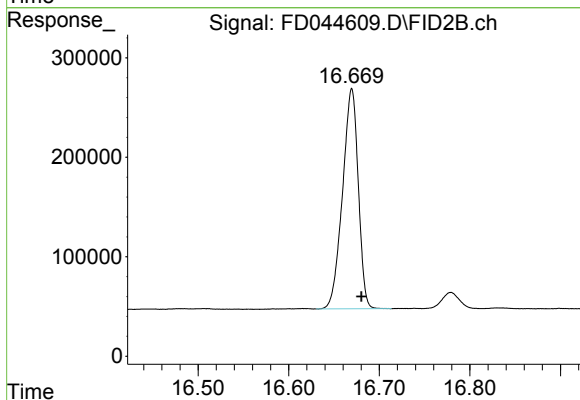
R.T.: 16.294 min
Delta R.T.: -0.010 min
Response: 2831027
Conc: 21.51 ug/ml



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

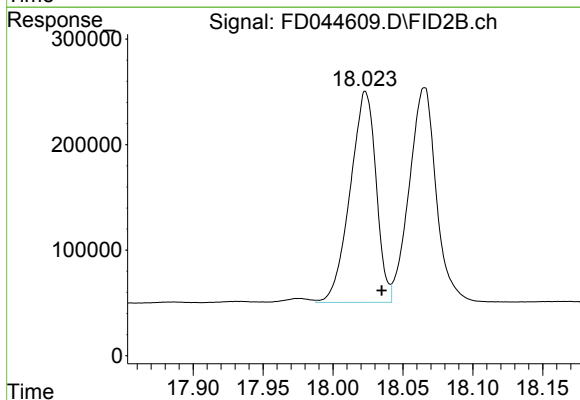
R.T.: 16.326 min
Delta R.T.: -0.009 min
Response: 2892393
Conc: 22.21 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



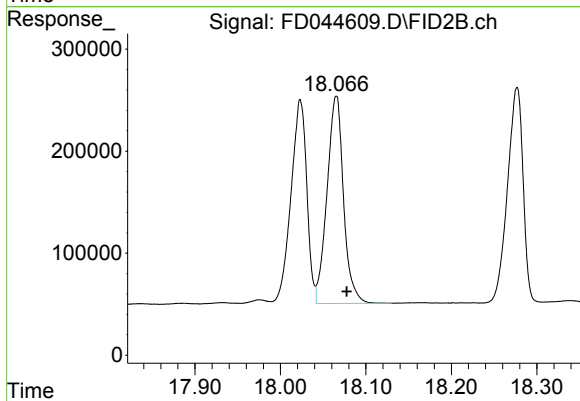
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.011 min
Response: 2675603
Conc: 20.70 ug/ml



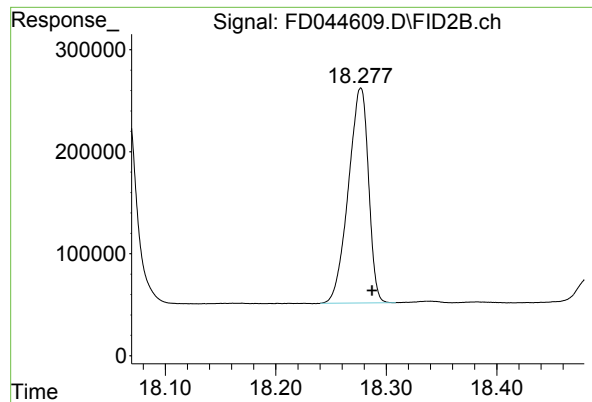
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min
Delta R.T.: -0.012 min
Response: 2577293
Conc: 20.22 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.012 min
Response: 2730842
Conc: 21.70 ug/ml



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

R.T.: 18.277 min
Delta R.T.: -0.011 min
Response: 2664449
Conc: 20.72 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD