

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011623AR\
 Data File : FD044804.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jan 2023 10:11
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 17 01:27:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

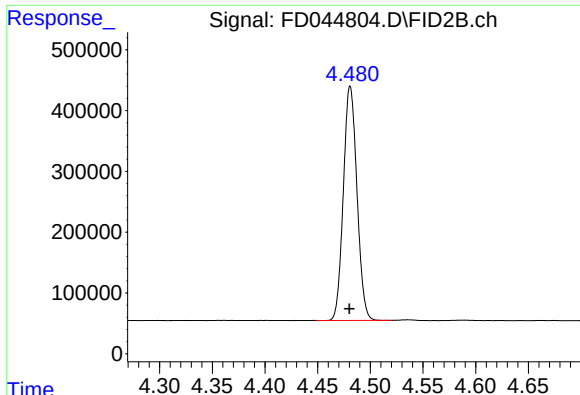
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.657	3070730	21.294 ug/ml
Spiked Amount 50.000		Recovery =	42.59%
6) S 2-Fluorobiphenyl (SURR)	8.512	2046133	21.079 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.16%
11) S ortho-Terphenyl (SURR)	11.539	3895473	21.621 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.481	3465426	21.538 ug/ml
2) T Naphthalene (C11.7)	6.007	3582204	21.343 ug/ml
3) T 2-Methylnaphthalene (...)	7.050	3580461	21.295 ug/ml
5) T Acenaphthylene (C15.06)	8.317	3271537	21.570 ug/ml
7) T Acenaphthene (C15.5)	8.611	3456108	21.320 ug/ml
8) T Flouorene (C16.55)	9.386	3361561	21.092 ug/ml
9) T Phenanthrene (C19.36)	10.773	3325088	21.188 ug/ml
10) T Anthracene (C19.43)	10.847	3130703	24.896 ug/ml
12) T Fluoranthene (C21.85)	12.574	3354729	21.363 ug/ml
13) T Pyrene (C20.8)	12.869	3301919	21.569 ug/ml
14) T Benzo[a]anthracene (C...	14.730	3006612	21.145 ug/ml
15) T Chrysene (C27.41)	14.772	3173617	20.929 ug/ml
16) T benzo[b]fluoranthene ...	16.271	3046074	20.254 ug/ml
17) T Bnezo[k]fluoranthene ...	16.303	3074415	20.293 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.647	2908080	20.044 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.001	2358033	16.675 ug/ml
20) T Dibenz[a,h]anthracene...	18.041	2575431	17.569 ug/ml
21) T Benzo[g,h,i]perylene ...	18.252	2562838	18.041 ug/ml

(f)=RT Delta > 1/2 Window

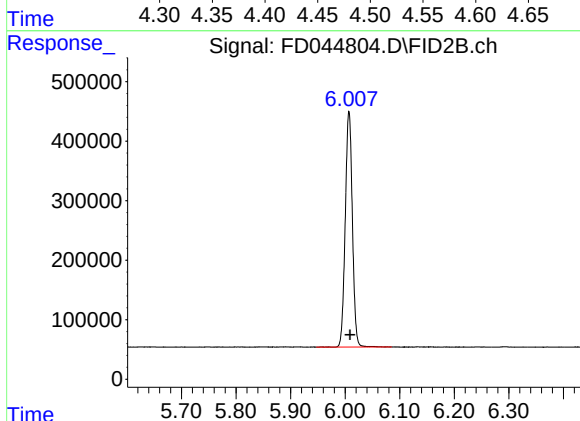
(m)=manual int.



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

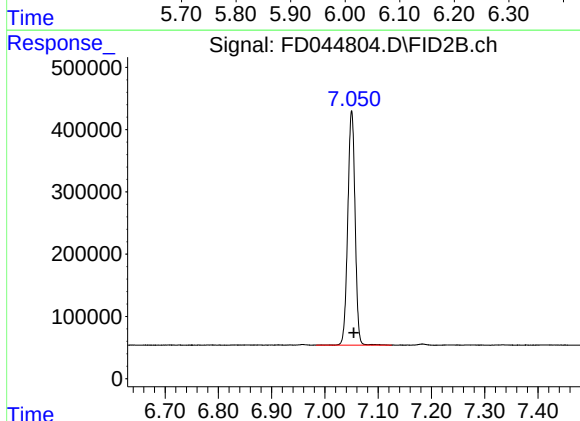
R.T.: 4.481 min
Delta R.T.: 0.001 min
Response: 3465426
Conc: 21.54 ug/ml

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20 PPM AROMATIC HC STD



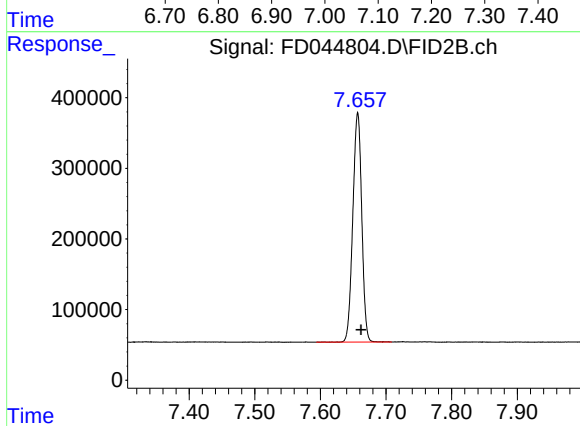
#2 Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 3582204
Conc: 21.34 ug/ml



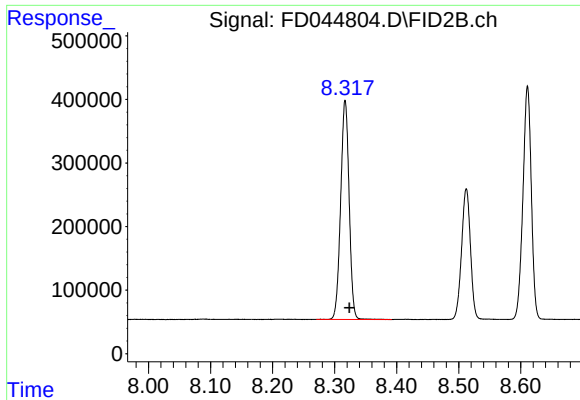
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.050 min
Delta R.T.: -0.004 min
Response: 3580461
Conc: 21.29 ug/ml



#4 2-Bromonaphthalene (SURR)

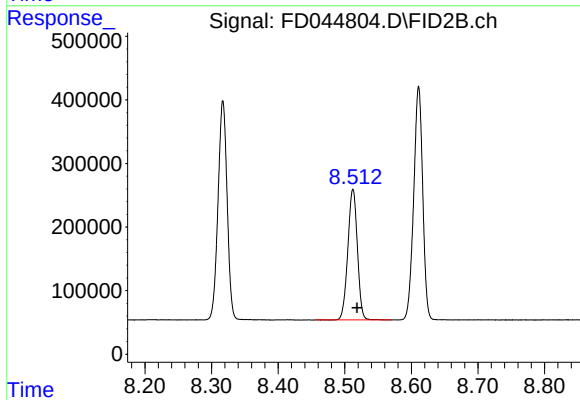
R.T.: 7.657 min
Delta R.T.: -0.005 min
Response: 3070730
Conc: 21.29 ug/ml



#5 Acenaphthylene (C15.06)

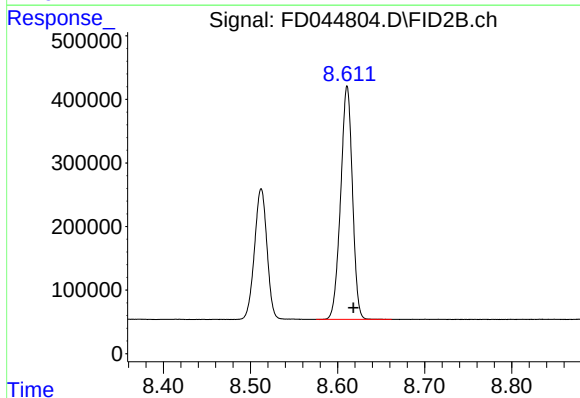
R.T.: 8.317 min
Delta R.T.: -0.007 min
Response: 3271537
Conc: 21.57 ug/ml

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20 PPM AROMATIC HC STD



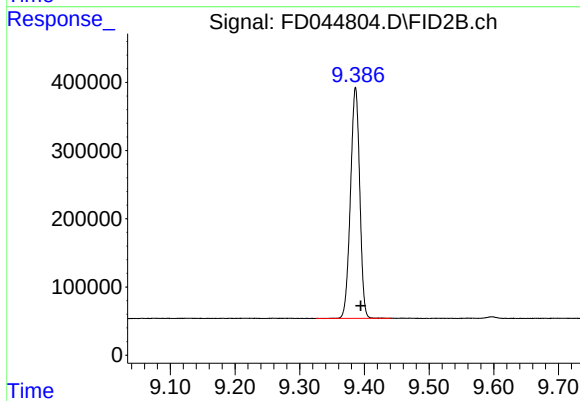
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.512 min
Delta R.T.: -0.007 min
Response: 2046133
Conc: 21.08 ug/ml



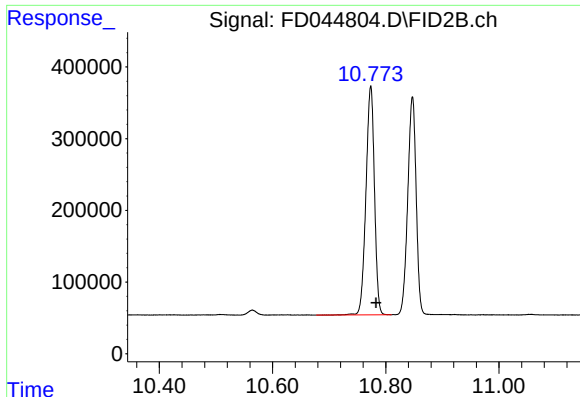
#7 Acenaphthene (C15.5)

R.T.: 8.611 min
Delta R.T.: -0.007 min
Response: 3456108
Conc: 21.32 ug/ml



#8 Flouorene (C16.55)

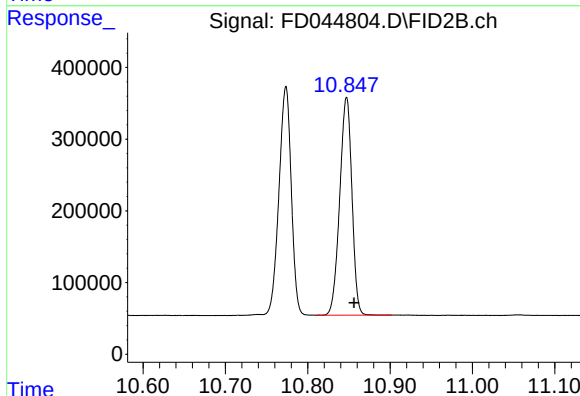
R.T.: 9.386 min
Delta R.T.: -0.008 min
Response: 3361561
Conc: 21.09 ug/ml



#9 Phenanthrene (C19.36)

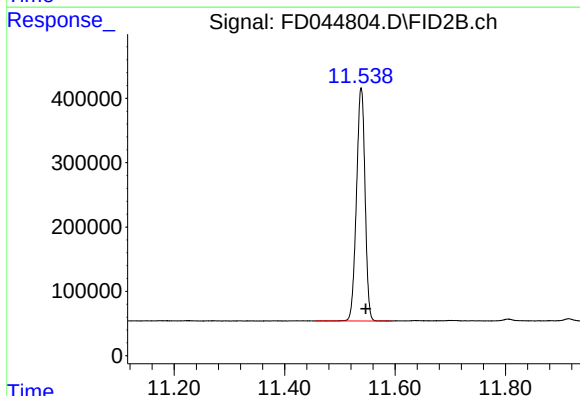
R.T.: 10.773 min
Delta R.T.: -0.010 min
Response: 3325088
Conc: 21.19 ug/ml

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20 PPM AROMATIC HC STD



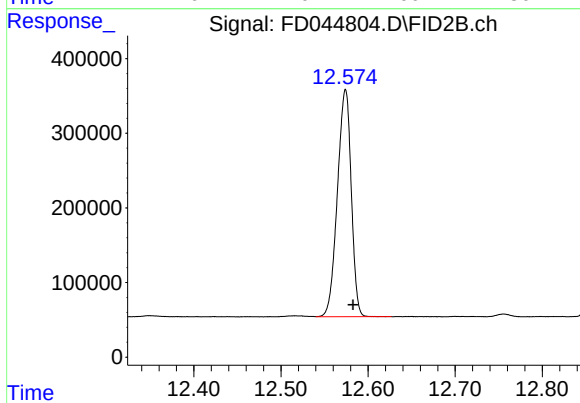
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.009 min
Response: 3130703
Conc: 24.90 ug/ml



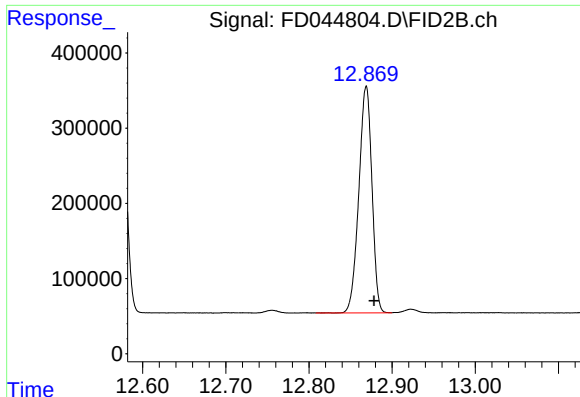
#11 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: -0.008 min
Response: 3895473
Conc: 21.62 ug/ml



#12 Fluoranthene (C21.85)

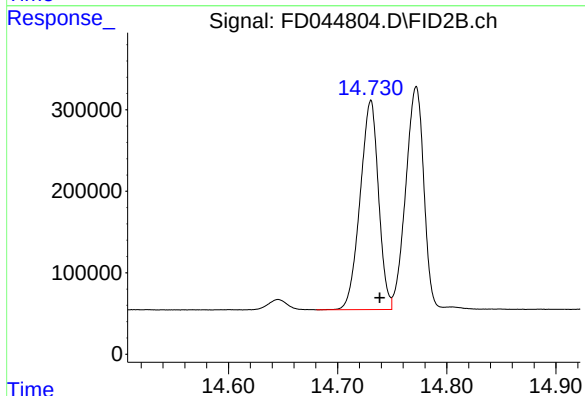
R.T.: 12.574 min
Delta R.T.: -0.009 min
Response: 3354729
Conc: 21.36 ug/ml



#13 Pyrene (C20.8)

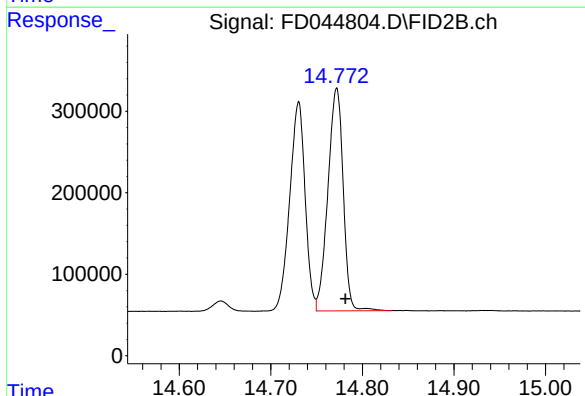
R.T.: 12.869 min
Delta R.T.: -0.010 min
Response: 3301919
Conc: 21.57 ug/ml

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20 PPM AROMATIC HC STD



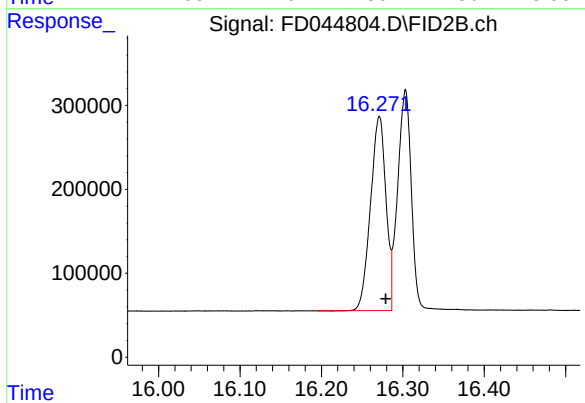
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.730 min
Delta R.T.: -0.008 min
Response: 3006612
Conc: 21.15 ug/ml



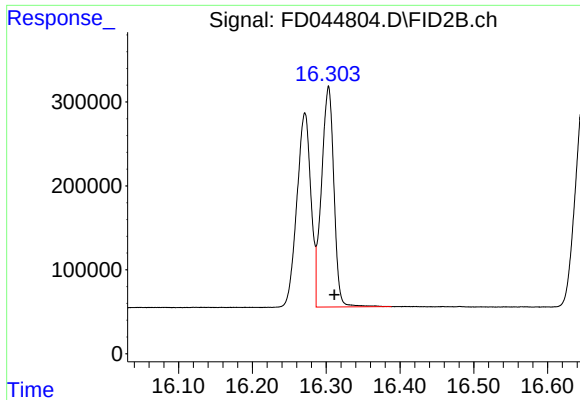
#15 Chrysene (C27.41)

R.T.: 14.772 min
Delta R.T.: -0.009 min
Response: 3173617
Conc: 20.93 ug/ml



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

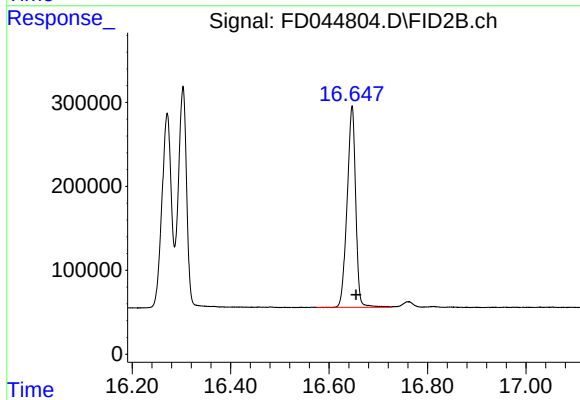
R.T.: 16.271 min
Delta R.T.: -0.008 min
Response: 3046074
Conc: 20.25 ug/ml



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

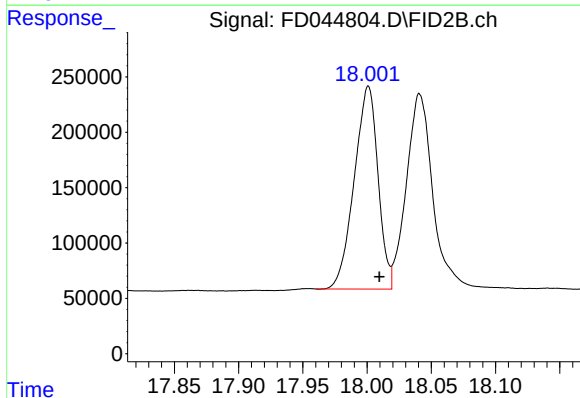
R.T.: 16.303 min
Delta R.T.: -0.008 min
Response: 3074415
Conc: 20.29 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



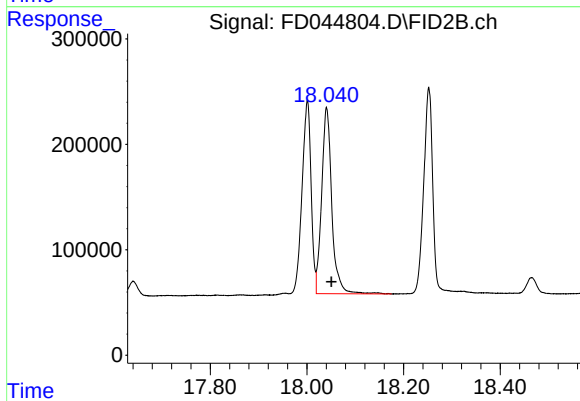
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.647 min
Delta R.T.: -0.008 min
Response: 2908080
Conc: 20.04 ug/ml



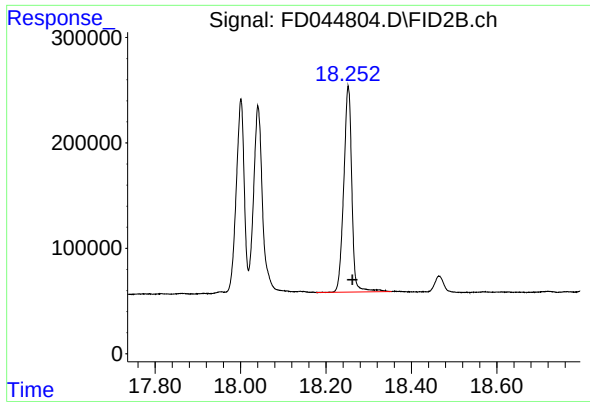
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.001 min
Delta R.T.: -0.009 min
Response: 2358033
Conc: 16.67 ug/ml



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

R.T.: 18.041 min
Delta R.T.: -0.010 min
Response: 2575431
Conc: 17.57 ug/ml



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

R.T.: 18.252 min
Delta R.T.: -0.010 min
Response: 2562838
Conc: 18.04 ug/ml

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