

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045685.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 12:58
 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: May 18 16:40:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 Response via : Initial Calibration
 Integrator: ChemStation

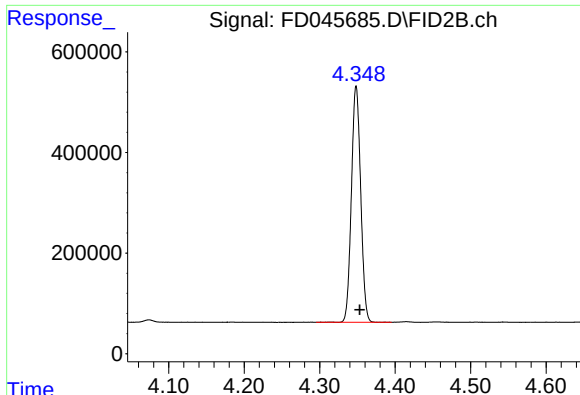
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.541	3594584	21.074 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
6) S 2-Fluorobiphenyl (SURR)	8.397	2420271	21.051 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.10%
11) S ortho-Terphenyl (SURR)	11.437	4431378	20.990 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.348	4005904	21.460 ug/ml
2) T Naphthalene (C11.7)	5.880	4207454	21.390 ug/ml
3) T 2-Methylnaphthalene (...)	6.930	4209914	21.311 ug/ml
5) T Acenaphthylene (C15.06)	8.201	3738331	20.807 ug/ml
7) T Acenaphthene (C15.5)	8.497	4028041	21.167 ug/ml
8) T Flouorene (C16.55)	9.275	3975797	21.081 ug/ml
9) T Phenanthrene (C19.36)	10.666	3858505	20.759 ug/ml
10) T Anthracene (C19.43)	10.739	3173293	17.750 ug/ml
12) T Fluoranthene (C21.85)	12.470	3722928	20.637 ug/ml
13) T Pyrene (C20.8)	12.765	3600383	20.543 ug/ml
14) T Benzo[a]anthracene (C...	14.629	3200844	20.110 ug/ml
15) T Chrysene (C27.41)	14.671	3367073	20.736 ug/ml
16) T benzo[b]fluoranthene ...	16.170	3082310	20.929 ug/ml
17) T Bnezo[k]fluoranthene ...	16.203	3145258	21.753 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.545	2884978	20.692 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.902	2893790	22.776 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	3123600	24.321 ug/ml
21) T Benzo[g,h,i]perylene ...	18.155	2941661	22.870 ug/ml

(f)=RT Delta > 1/2 Window

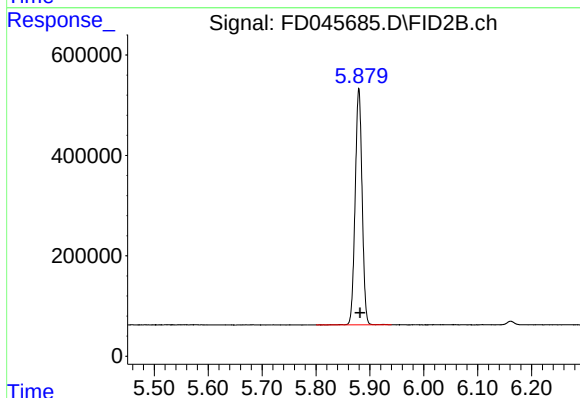
(m)=manual int.



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

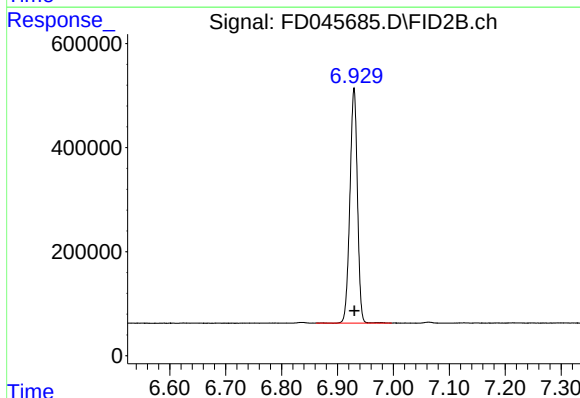
R.T.: 4.348 min
Delta R.T.: -0.005 min
Response: 4005904
Conc: 21.46 ug/ml

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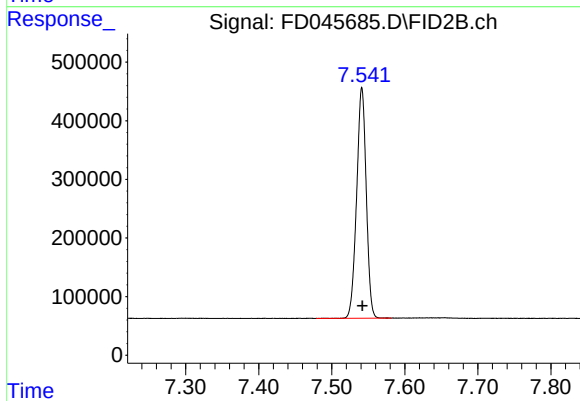
#2 Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 4207454
Conc: 21.39 ug/ml



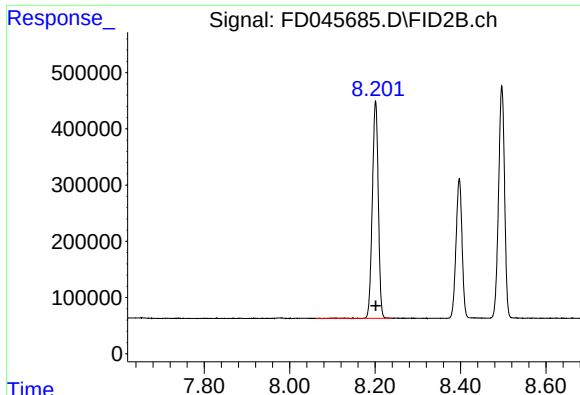
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 4209914
Conc: 21.31 ug/ml



#4 2-Bromonaphthalene (SURR)

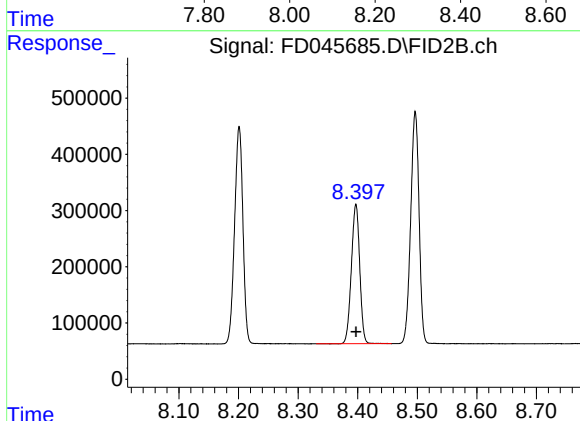
R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 3594584
Conc: 21.07 ug/ml



#5 Acenaphthylene (C15.06)

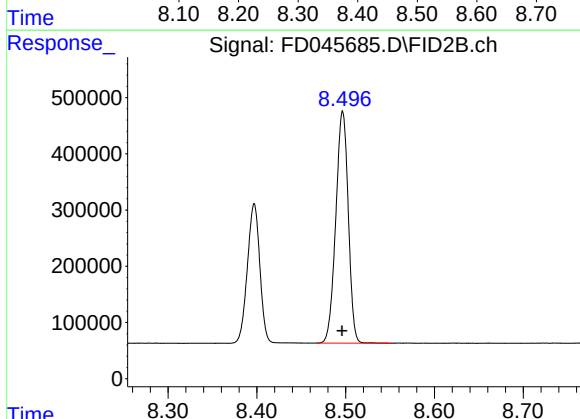
R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 3738331
Conc: 20.81 ug/ml

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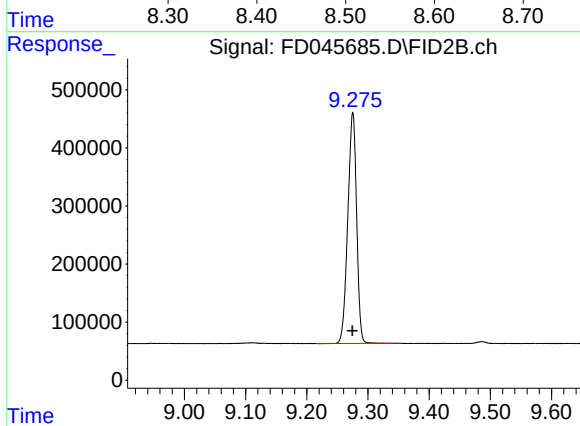
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 2420271
Conc: 21.05 ug/ml



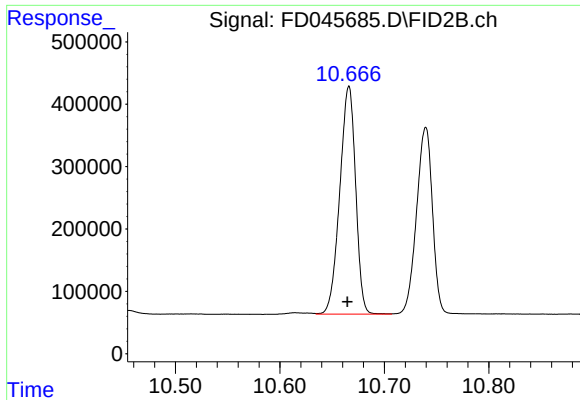
#7 Acenaphthene (C15.5)

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 4028041
Conc: 21.17 ug/ml



#8 Flouorene (C16.55)

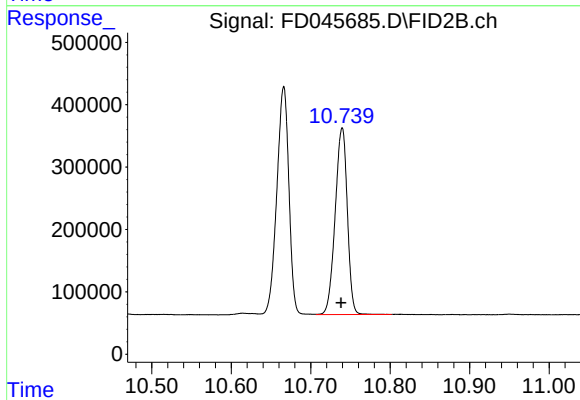
R.T.: 9.275 min
Delta R.T.: 0.000 min
Response: 3975797
Conc: 21.08 ug/ml



#9 Phenanthrene (C19.36)

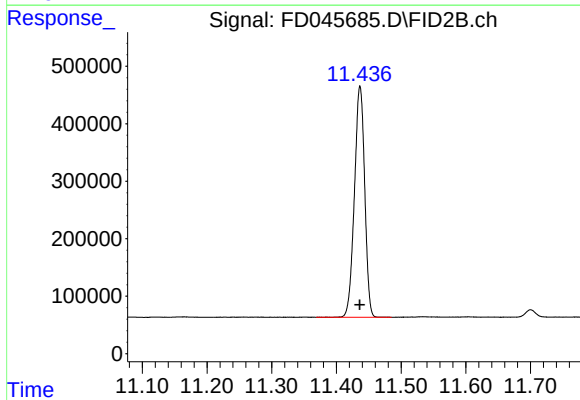
R.T.: 10.666 min
Delta R.T.: 0.001 min
Response: 3858505
Conc: 20.76 ug/ml

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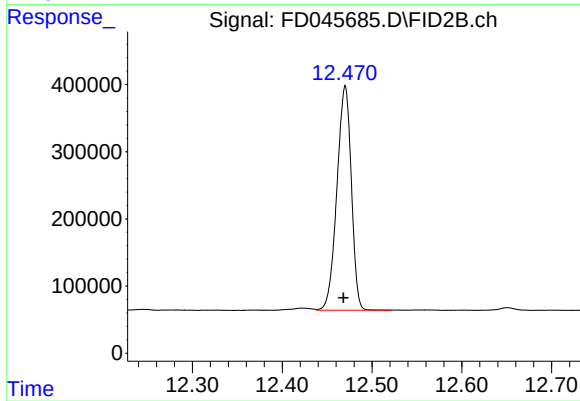
#10 Anthracene (C19.43)

R.T.: 10.739 min
Delta R.T.: 0.001 min
Response: 3173293
Conc: 17.75 ug/ml



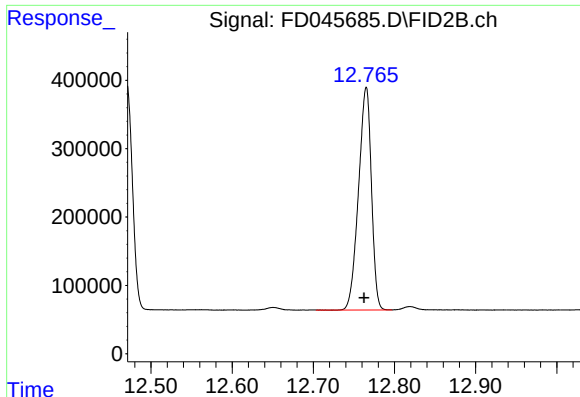
#11 ortho-Terphenyl (SURR)

R.T.: 11.437 min
Delta R.T.: 0.000 min
Response: 4431378
Conc: 20.99 ug/ml



#12 Fluoranthene (C21.85)

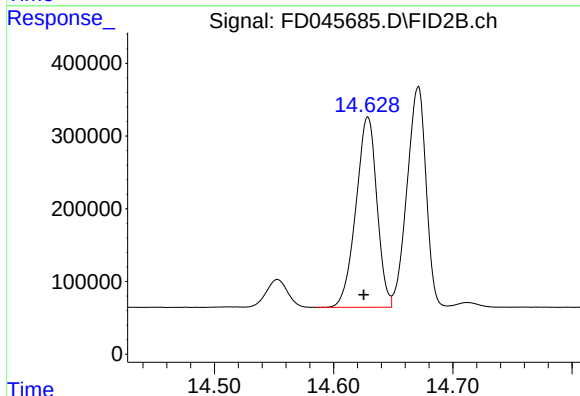
R.T.: 12.470 min
Delta R.T.: 0.002 min
Response: 3722928
Conc: 20.64 ug/ml



#13 Pyrene (C20.8)

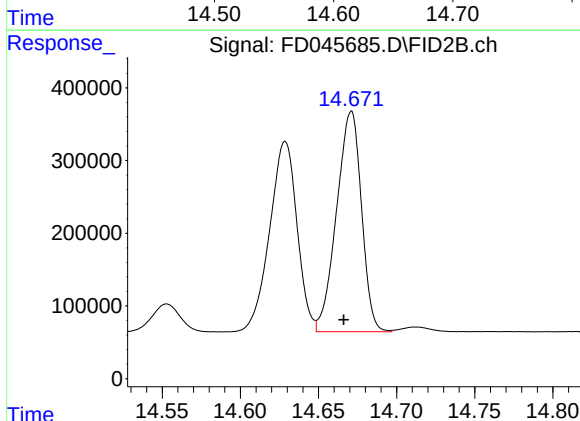
R.T.: 12.765 min
Delta R.T.: 0.002 min
Response: 3600383
Conc: 20.54 ug/ml

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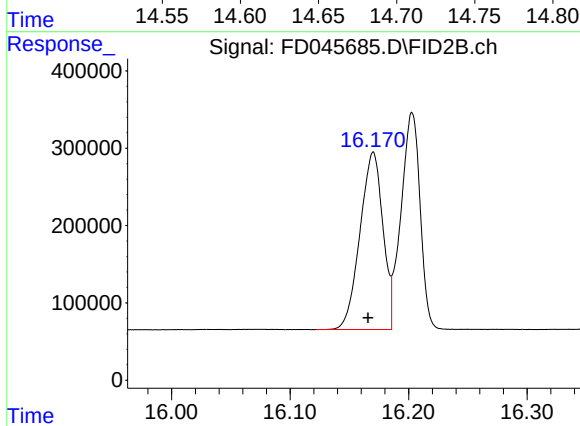
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.629 min
Delta R.T.: 0.003 min
Response: 3200844
Conc: 20.11 ug/ml



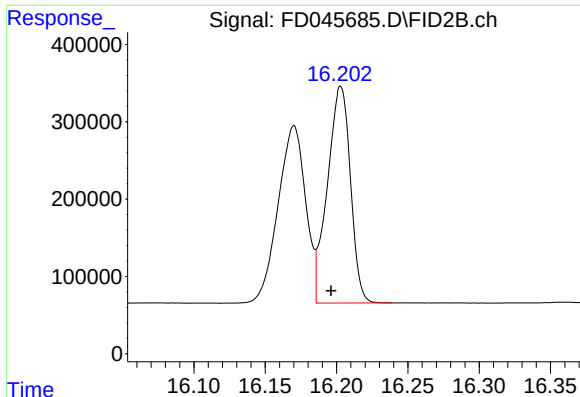
#15 Chrysene (C27.41)

R.T.: 14.671 min
Delta R.T.: 0.005 min
Response: 3367073
Conc: 20.74 ug/ml



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

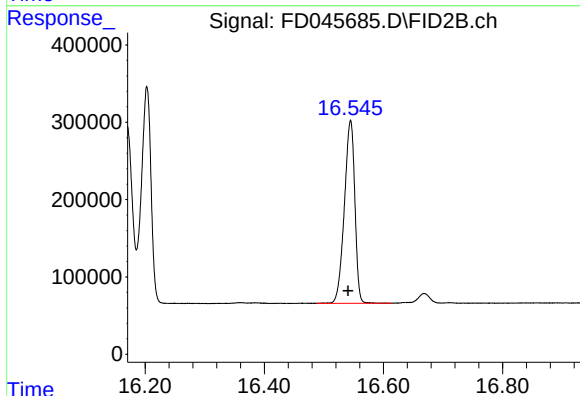
R.T.: 16.170 min
Delta R.T.: 0.004 min
Response: 3082310
Conc: 20.93 ug/ml



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

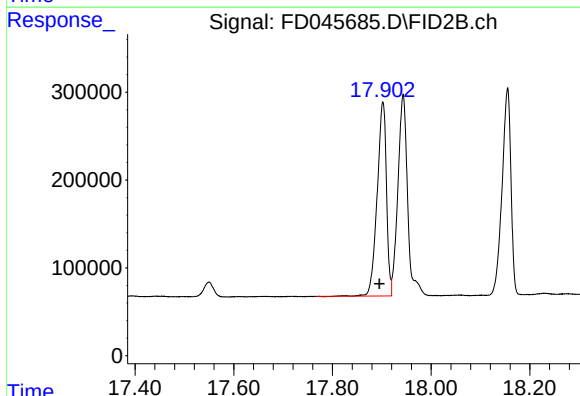
R.T.: 16.203 min
Delta R.T.: 0.007 min
Response: 3145258
Conc: 21.75 ug/ml

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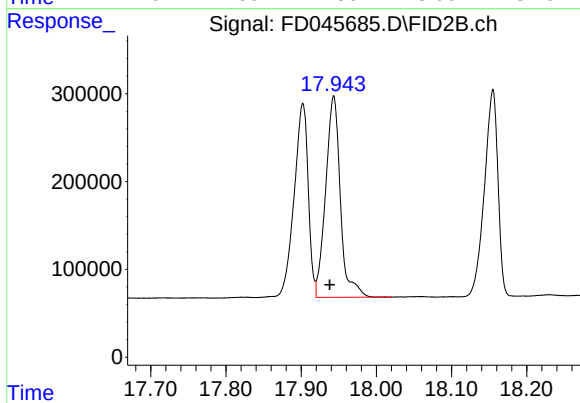
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.545 min
Delta R.T.: 0.004 min
Response: 2884978
Conc: 20.69 ug/ml



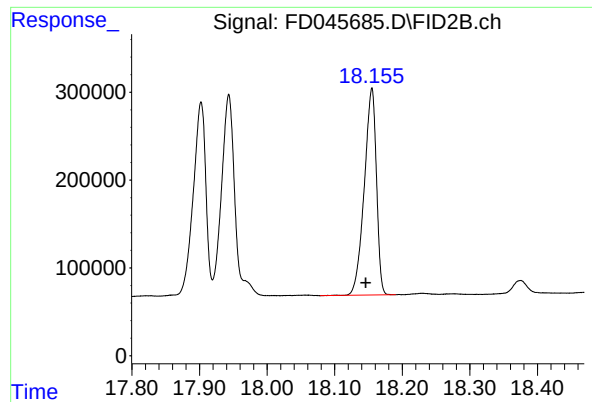
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.902 min
Delta R.T.: 0.007 min
Response: 2893790
Conc: 22.78 ug/ml



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

R.T.: 17.943 min
Delta R.T.: 0.005 min
Response: 3123600
Conc: 24.32 ug/ml



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

R.T.: 18.155 min
Delta R.T.: 0.009 min
Response: 2941661
Conc: 22.87 ug/ml

Instrument :

FID_D

ClientSampleId :

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