

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122822AR\
 Data File : FD044739.D
 Signal(s) : FID2B.ch
 Acq On : 28 Dec 2022 22:26
 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 29 05:16:28 2022
 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

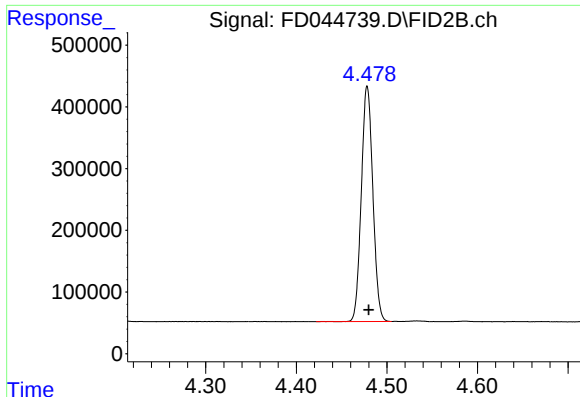
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.659	3009498	20.870 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
6) S 2-Fluorobiphenyl (SURR)	8.516	2023198	20.842 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.68%
11) S ortho-Terphenyl (SURR)	11.545	3778976	20.975 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.478	3369673	20.943 ug/ml
2) T Naphthalene (C11.7)	6.007	3508535	20.904 ug/ml
3) T 2-Methylnaphthalene (...)	7.052	3509967	20.875 ug/ml
5) T Acenaphthylene (C15.06)	8.321	3180964	20.972 ug/ml
7) T Acenaphthene (C15.5)	8.615	3391628	20.922 ug/ml
8) T Flouorene (C16.55)	9.391	3329672	20.892 ug/ml
9) T Phenanthrene (C19.36)	10.780	3289931	20.964 ug/ml
10) T Anthracene (C19.43)	10.853	2938828	23.370 ug/ml
12) T Fluoranthene (C21.85)	12.581	3274638	20.853 ug/ml
13) T Pyrene (C20.8)	12.876	3209840	20.968 ug/ml
14) T Benzo[a]anthracene (C...	14.736	2996392	21.073 ug/ml
15) T Chrysene (C27.41)	14.778	3177198	20.952 ug/ml
16) T benzo[b]fluoranthene ...	16.276	3136593	20.856 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	3124105	20.621 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	3007129	20.727 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.005	2833586	20.037 ug/ml
20) T Dibenz[a,h]anthracene...	18.046	2939297	20.051 ug/ml
21) T Benzo[g,h,i]perylene ...	18.257	2834088	19.950 ug/ml

(f)=RT Delta > 1/2 Window

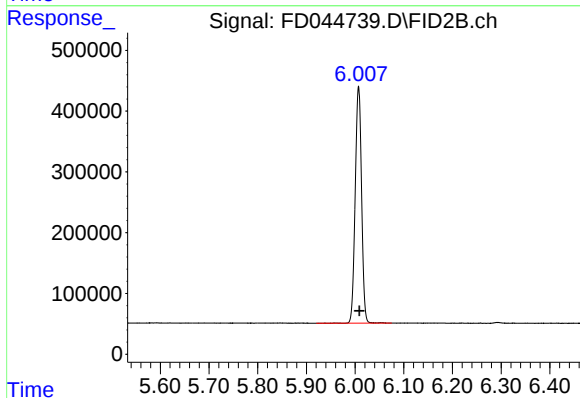
(m)=manual int.



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

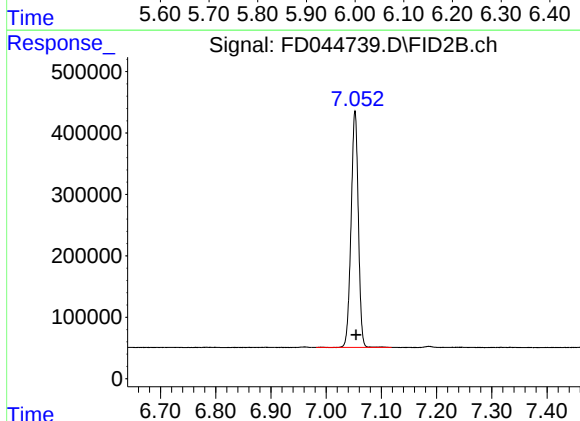
R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 3369673
Conc: 20.94 ug/ml

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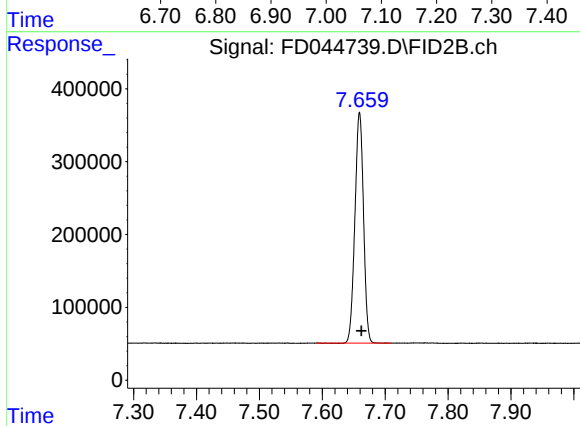
#2 Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 3508535
Conc: 20.90 ug/ml



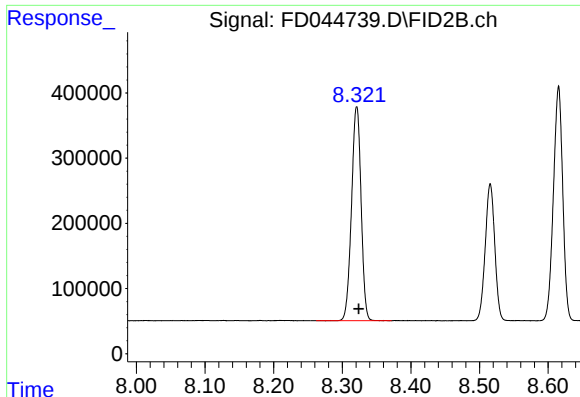
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.002 min
Response: 3509967
Conc: 20.88 ug/ml



#4 2-Bromonaphthalene (SURR)

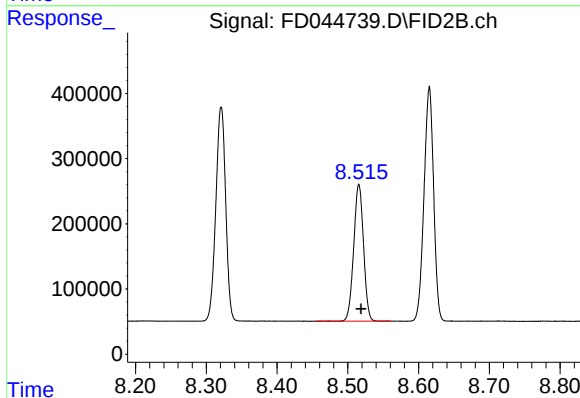
R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 3009498
Conc: 20.87 ug/ml



#5 Acenaphthylene (C15.06)

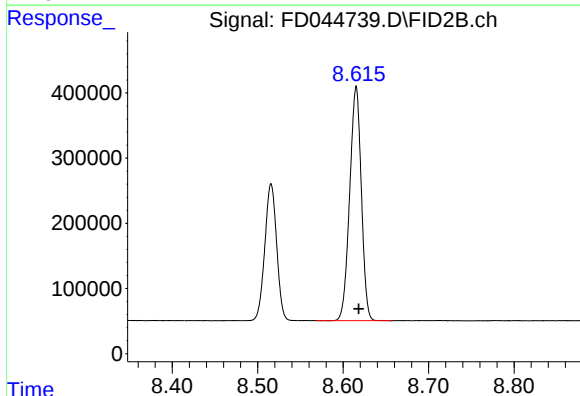
R.T.: 8.321 min
Delta R.T.: -0.003 min
Response: 3180964
Conc: 20.97 ug/ml

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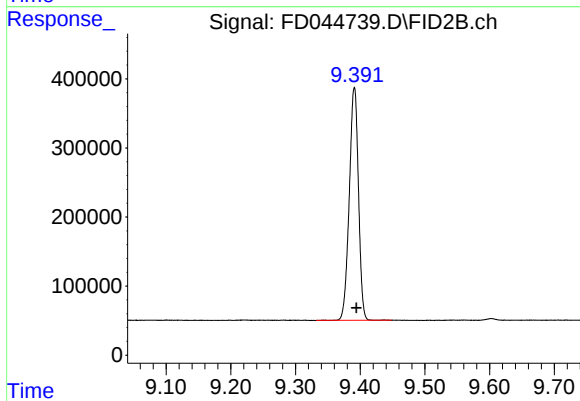
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 2023198
Conc: 20.84 ug/ml



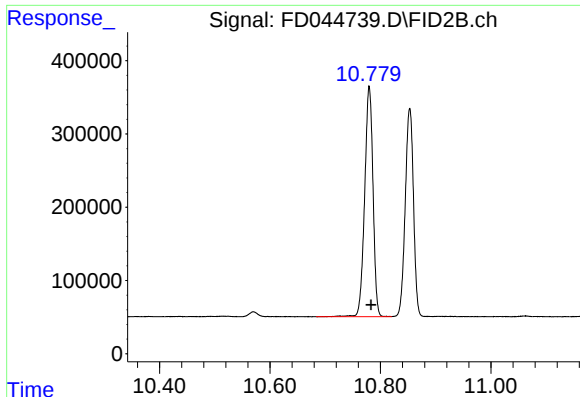
#7 Acenaphthene (C15.5)

R.T.: 8.615 min
Delta R.T.: -0.003 min
Response: 3391628
Conc: 20.92 ug/ml



#8 Fluorene (C16.55)

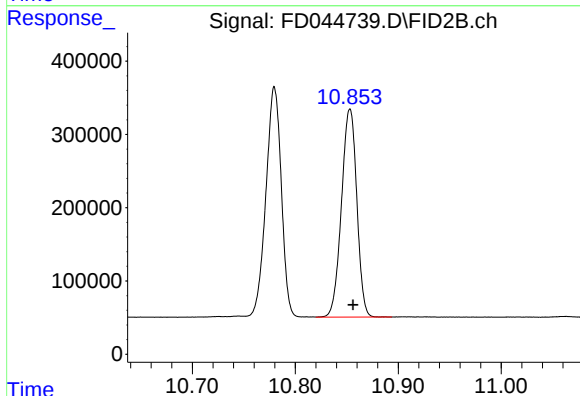
R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 3329672
Conc: 20.89 ug/ml



#9 Phenanthrene (C19.36)

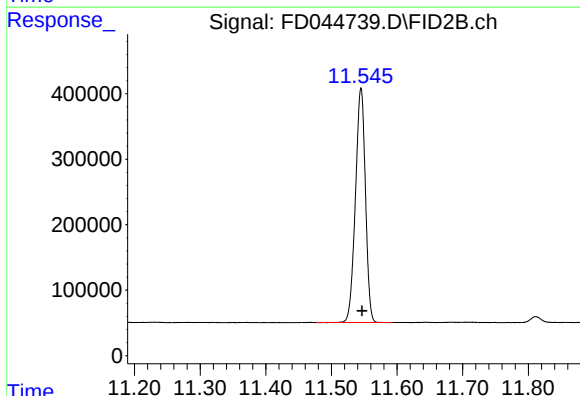
R.T.: 10.780 min
Delta R.T.: -0.003 min
Response: 3289931
Conc: 20.96 ug/ml

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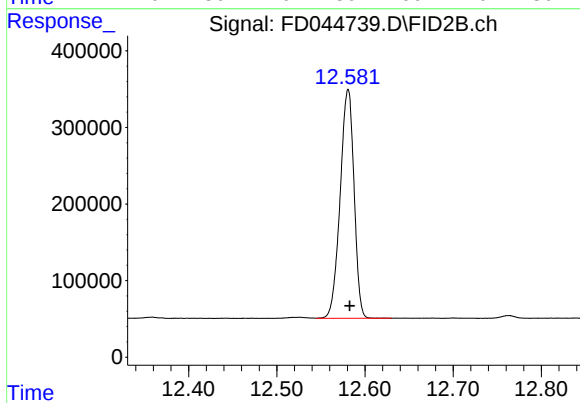
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.003 min
Response: 2938828
Conc: 23.37 ug/ml



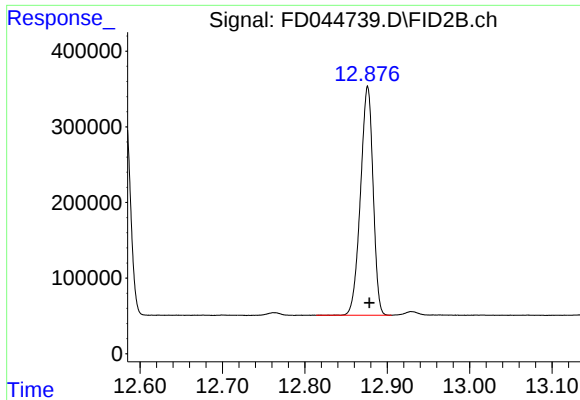
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.002 min
Response: 3778976
Conc: 20.97 ug/ml



#12 Fluoranthene (C21.85)

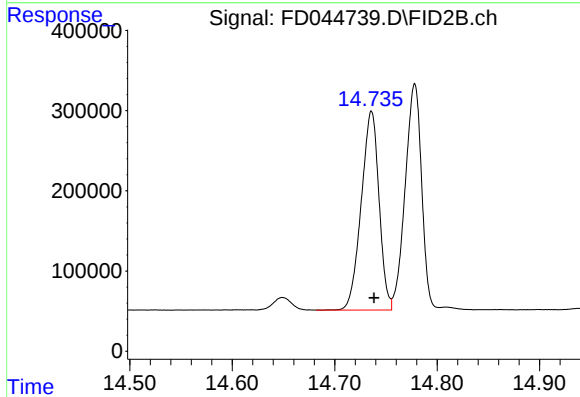
R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 3274638
Conc: 20.85 ug/ml



#13 Pyrene (C20.8)

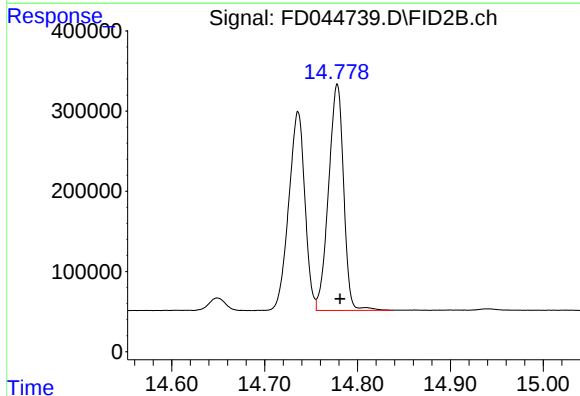
R.T.: 12.876 min
Delta R.T.: -0.002 min
Response: 3209840
Conc: 20.97 ug/ml

Instrument :
FID_D
ClientSampleId :
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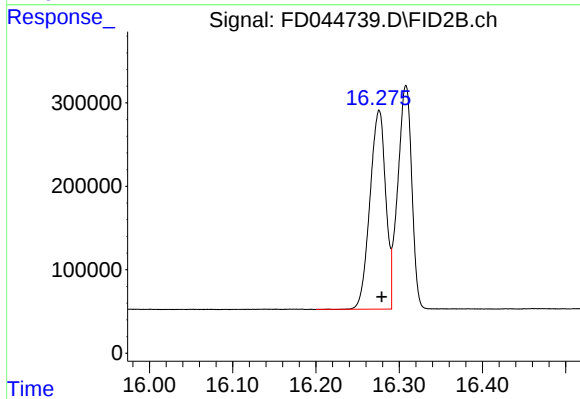
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.003 min
Response: 2996392
Conc: 21.07 ug/ml



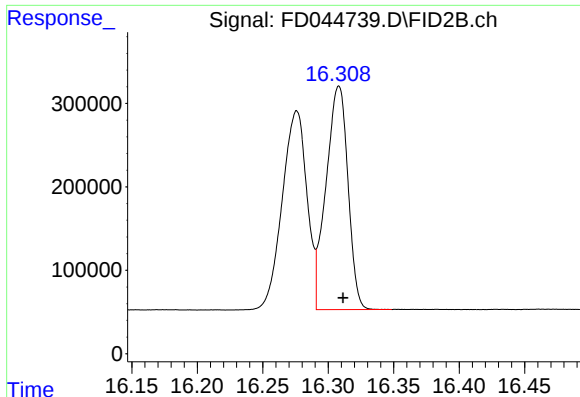
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.003 min
Response: 3177198
Conc: 20.95 ug/ml



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

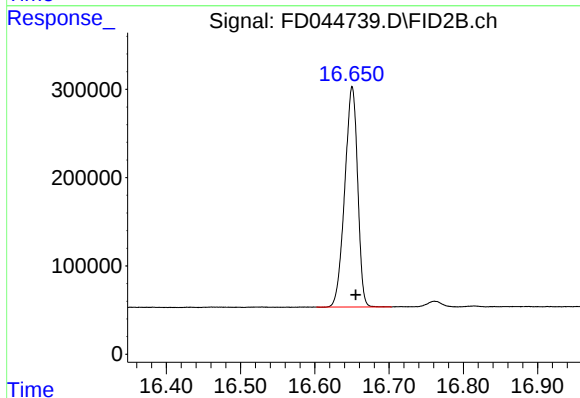
R.T.: 16.276 min
Delta R.T.: -0.003 min
Response: 3136593
Conc: 20.86 ug/ml



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

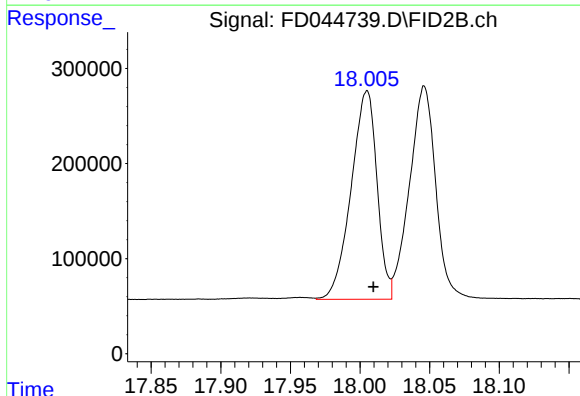
R.T.: 16.308 min
Delta R.T.: -0.003 min
Response: 3124105
Conc: 20.62 ug/ml

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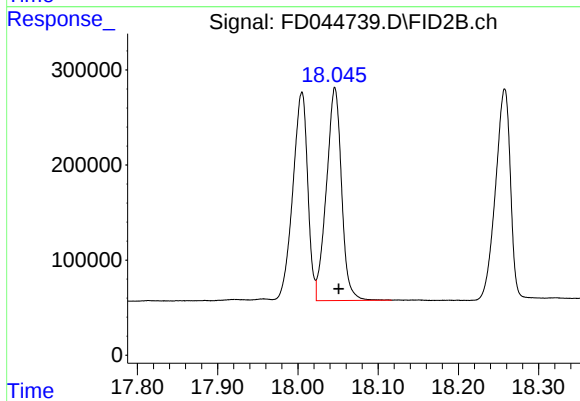
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.650 min
Delta R.T.: -0.005 min
Response: 3007129
Conc: 20.73 ug/ml



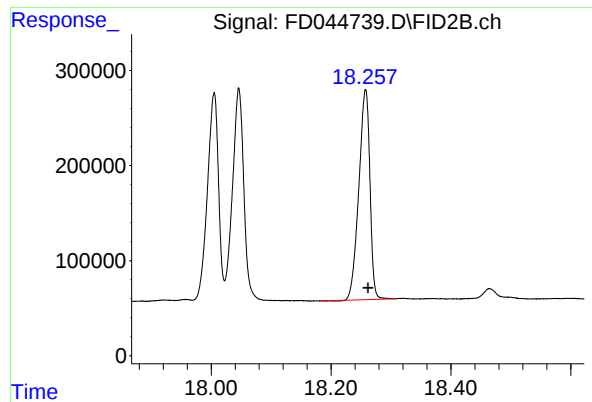
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.005 min
Delta R.T.: -0.005 min
Response: 2833586
Conc: 20.04 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.005 min
Response: 2939297
Conc: 20.05 ug/ml



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

R.T.: 18.257 min
Delta R.T.: -0.005 min
Response: 2834088
Conc: 19.95 ug/ml

Instrument :

FID_D

ClientSampleId :

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