

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122022AR\
 Data File : FD044665.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2022 09:24
 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 20 18:13:07 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

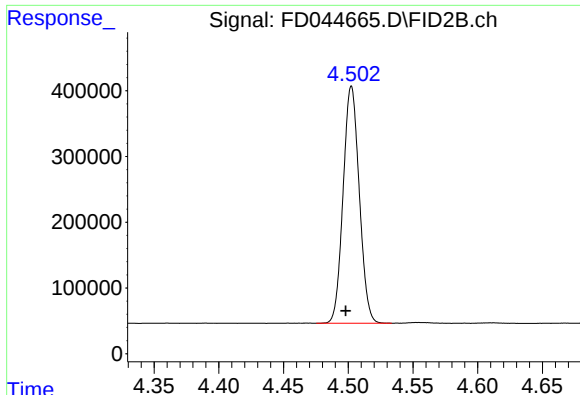
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.682	2783125	21.445 ug/ml
Spiked Amount 50.000		Recovery =	42.89%
6) S 2-Fluorobiphenyl (SURR)	8.540	1870503	21.179 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.36%
11) S ortho-Terphenyl (SURR)	11.565	3549116	21.808 ug/ml
Spiked Amount 50.000		Recovery =	43.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	3127581	21.916 ug/ml
2) T Naphthalene (C11.7)	6.031	3237064	21.530 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	3249380	21.506 ug/ml
5) T Acenaphthylene (C15.06)	8.344	2952772	21.240 ug/ml
7) T Acenaphthene (C15.5)	8.638	3146494	21.440 ug/ml
8) T Flouorene (C16.55)	9.414	3071690	21.304 ug/ml
9) T Phenanthrene (C19.36)	10.801	3009976	21.107 ug/ml
10) T Anthracene (C19.43)	10.875	2654491	19.106 ug/ml
12) T Fluoranthene (C21.85)	12.601	3056999	21.444 ug/ml
13) T Pyrene (C20.8)	12.895	2988108	21.471 ug/ml
14) T Benzo[a]anthracene (C...	14.753	2691626	20.802 ug/ml
15) T Chrysene (C27.41)	14.795	2954808	21.917 ug/ml
16) T benzo[b]fluoranthene ...	16.292	2861157	21.738 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	2874589	22.075 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	2659042	20.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	2388570	18.741 ug/ml
20) T Dibenz[a,h]anthracene...	18.062	2460582	19.556 ug/ml
21) T Benzo[g,h,i]perylene ...	18.273	2448422	19.036 ug/ml

(f)=RT Delta > 1/2 Window

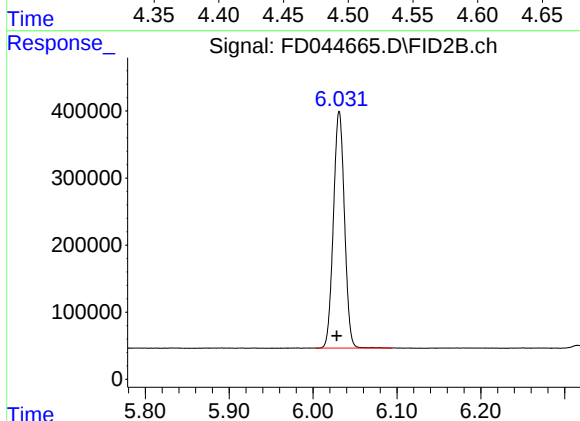
(m)=manual int.



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

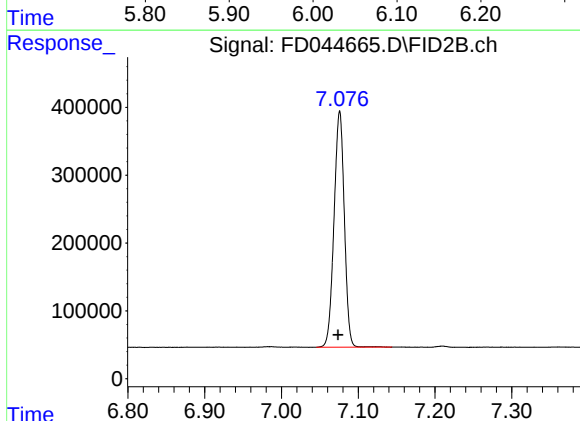
R.T.: 4.503 min
Delta R.T.: 0.005 min
Response: 3127581
Conc: 21.92 ug/ml

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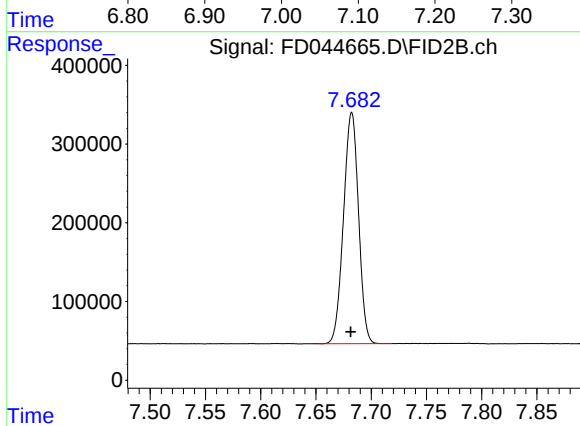
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 3237064
Conc: 21.53 ug/ml



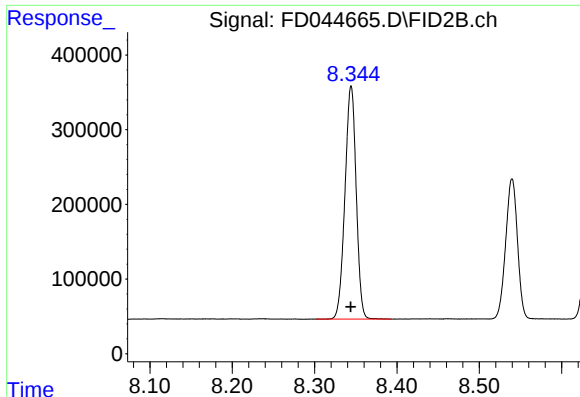
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: 0.002 min
Response: 3249380
Conc: 21.51 ug/ml



#4 2-Bromonaphthalene (SURR)

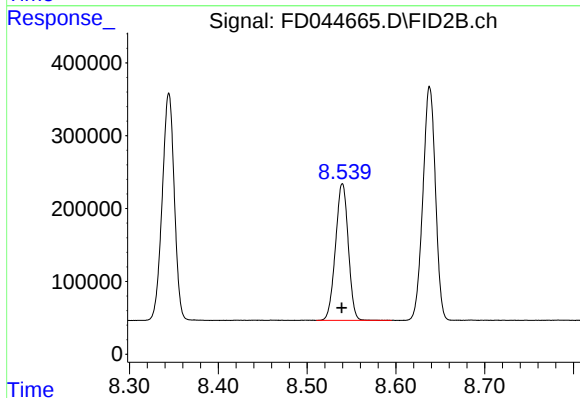
R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 2783125
Conc: 21.44 ug/ml



#5 Acenaphthylene (C15.06)

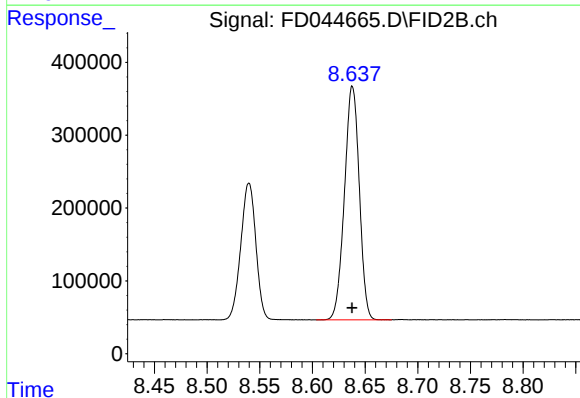
R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 2952772
Conc: 21.24 ug/ml

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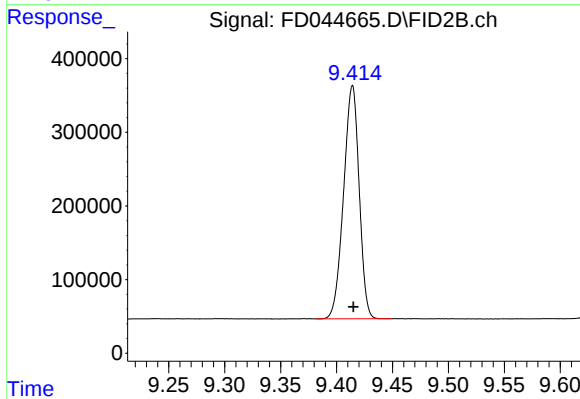
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 1870503
Conc: 21.18 ug/ml



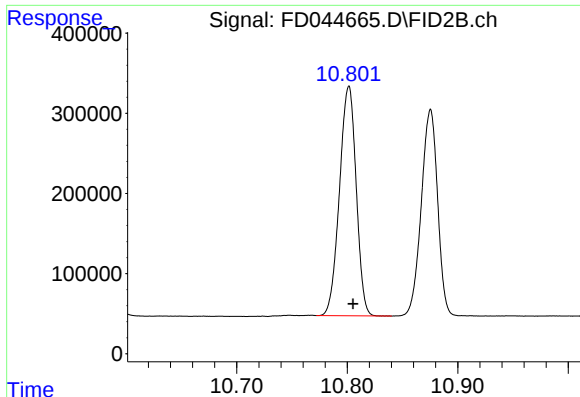
#7 Acenaphthene (C15.5)

R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 3146494
Conc: 21.44 ug/ml



#8 Fluorene (C16.55)

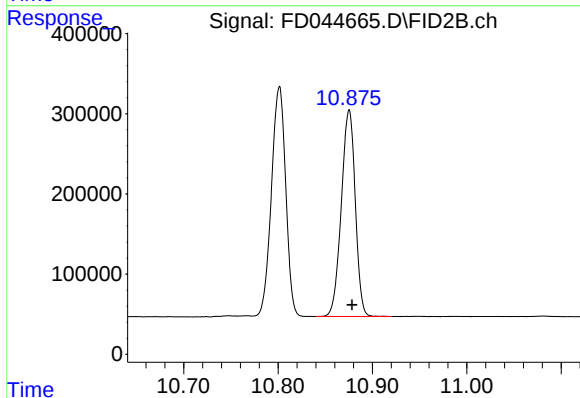
R.T.: 9.414 min
Delta R.T.: 0.000 min
Response: 3071690
Conc: 21.30 ug/ml



#9 Phenanthrene (C19.36)

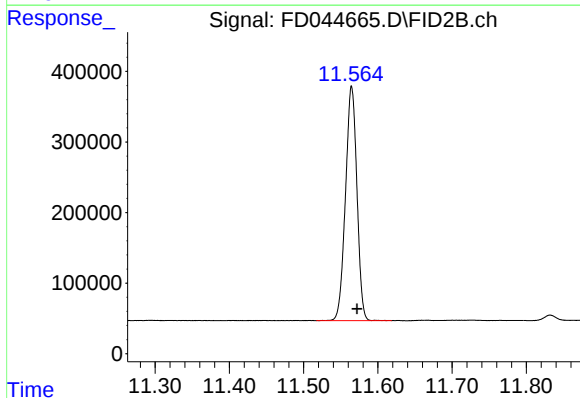
R.T.: 10.801 min
Delta R.T.: -0.004 min
Response: 3009976
Conc: 21.11 ug/ml

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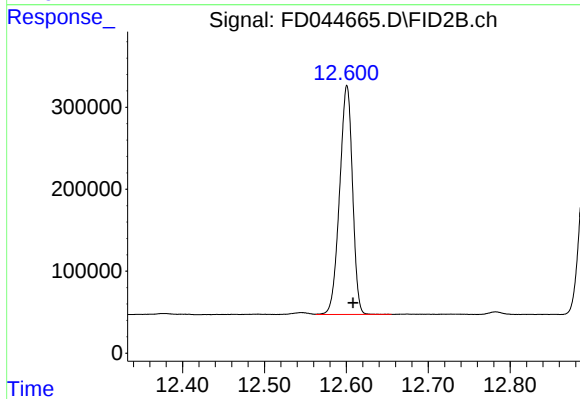
#10 Anthracene (C19.43)

R.T.: 10.875 min
Delta R.T.: -0.003 min
Response: 2654491
Conc: 19.11 ug/ml



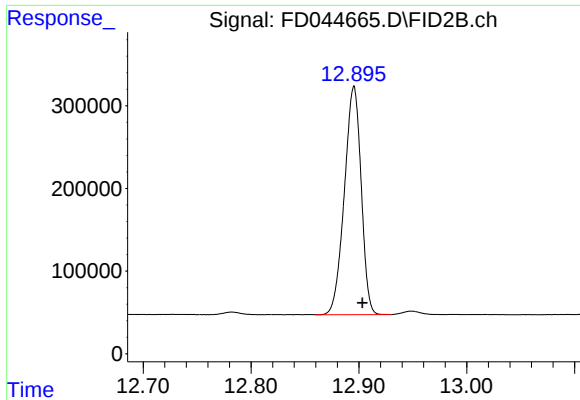
#11 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.007 min
Response: 3549116
Conc: 21.81 ug/ml



#12 Fluoranthene (C21.85)

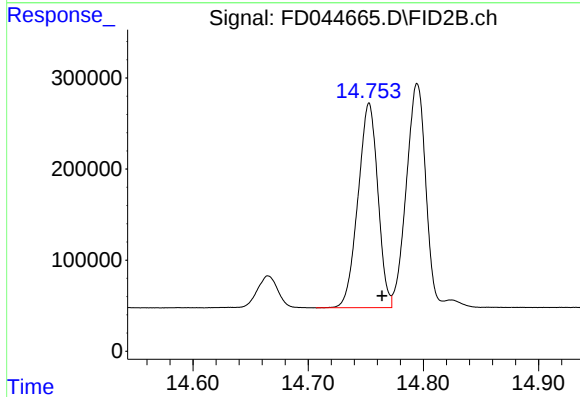
R.T.: 12.601 min
Delta R.T.: -0.008 min
Response: 3056999
Conc: 21.44 ug/ml



#13 Pyrene (C20.8)

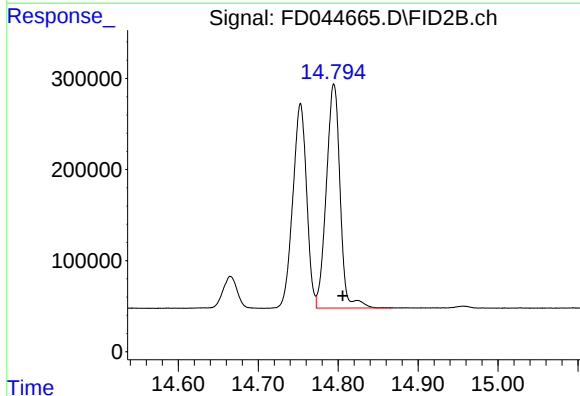
R.T.: 12.895 min
Delta R.T.: -0.008 min
Response: 2988108
Conc: 21.47 ug/ml

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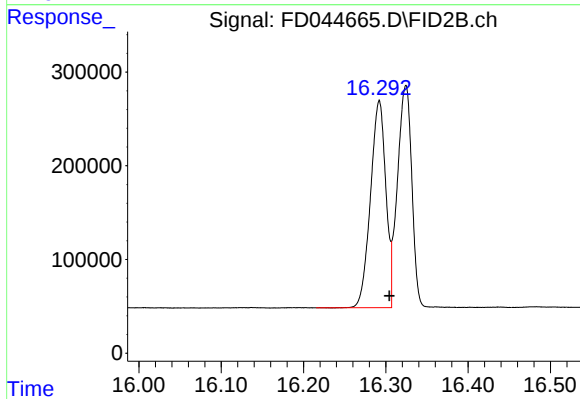
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.011 min
Response: 2691626
Conc: 20.80 ug/ml



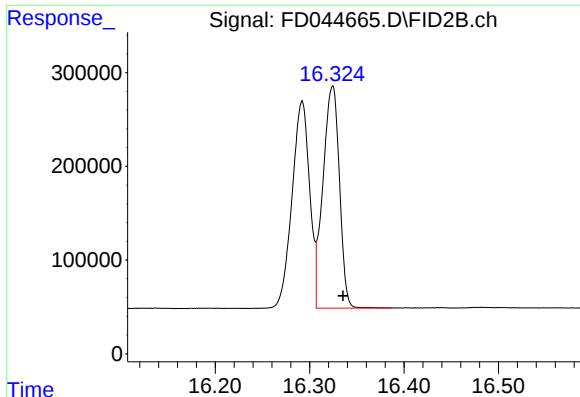
#15 Chrysene (C27.41)

R.T.: 14.795 min
Delta R.T.: -0.011 min
Response: 2954808
Conc: 21.92 ug/ml



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

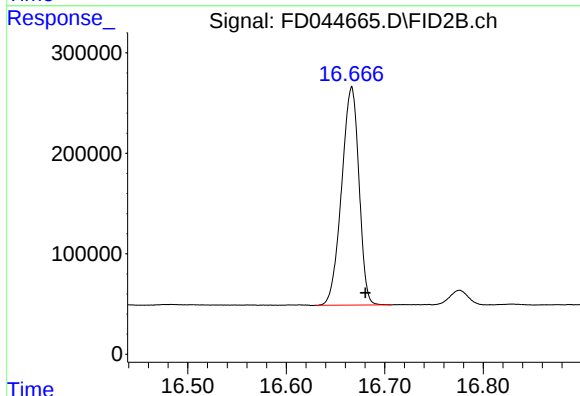
R.T.: 16.292 min
Delta R.T.: -0.013 min
Response: 2861157
Conc: 21.74 ug/ml



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

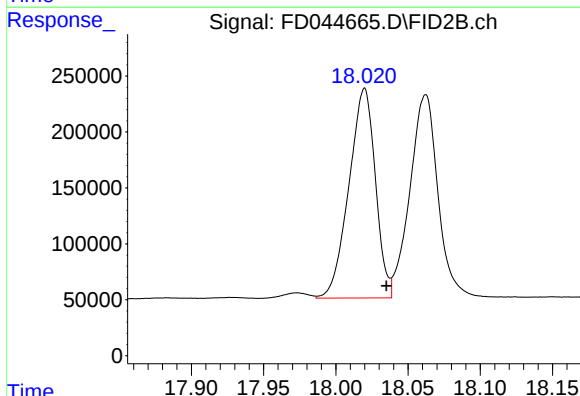
R.T.: 16.324 min
Delta R.T.: -0.012 min
Response: 2874589
Conc: 22.08 ug/ml

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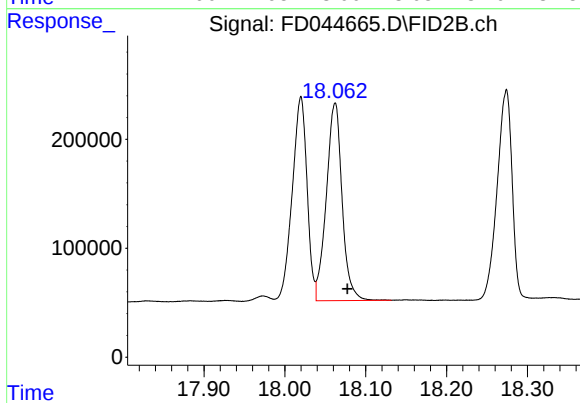
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: -0.014 min
Response: 2659042
Conc: 20.57 ug/ml



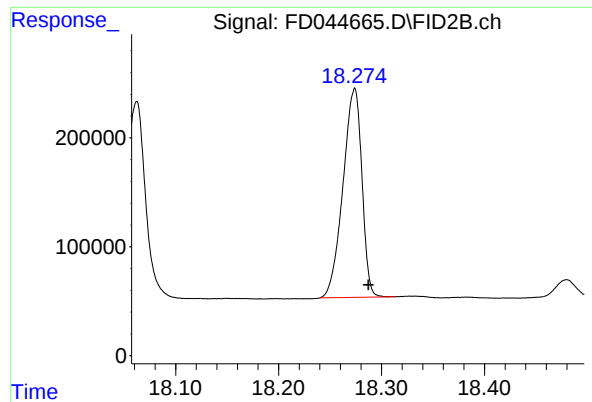
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.020 min
Delta R.T.: -0.015 min
Response: 2388570
Conc: 18.74 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.016 min
Response: 2460582
Conc: 19.56 ug/ml



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

R.T.: 18.273 min
Delta R.T.: -0.014 min
Response: 2448422
Conc: 19.04 ug/ml

Instrument :

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