

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049655.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2025 23:13
 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: sample.E
 Quant Time: Aug 25 01:51:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

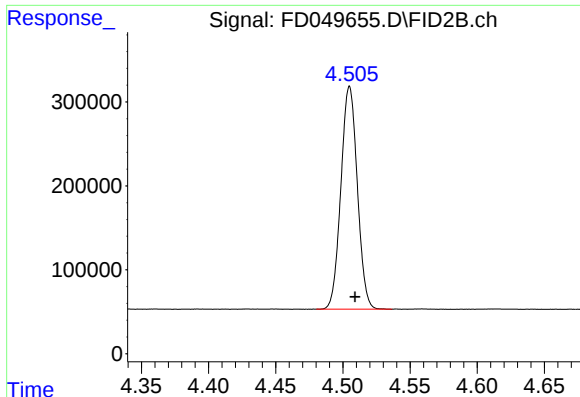
Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.713	2311005	22.549 ug/ml
Spiked Amount 50.000		Recovery =	45.10%
6) S 2-Fluorobiphenyl (SURR)	8.579	1642650	22.488 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.98%
11) S ortho-Terphenyl (SURR)	11.625	2841802	21.895 ug/ml
Spiked Amount 50.000		Recovery =	43.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2261614	22.344 ug/ml
2) T Naphthalene (C11.7)	6.049	2593589	22.620 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2698036	22.617 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2782138	22.131 ug/ml
7) T Acenaphthene (C15.5)	8.678	2802816	22.291 ug/ml
8) T Flouorene (C16.55)	9.459	2807501	22.175 ug/ml
9) T Phenanthrene (C19.36)	10.858	2829122	21.901 ug/ml
10) T Anthracene (C19.43)	10.932	2428649	19.714 ug/ml
12) T Fluoranthene (C21.85)	12.672	2737470	21.384 ug/ml
13) T Pyrene (C20.8)	12.970	2703430	21.293 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2377031	20.599 ug/ml
15) T Chrysene (C27.41)	14.884	2451764	20.940 ug/ml
16) T benzo[b]fluoranthene ...	16.393	2335751	20.537 ug/ml
17) T Bnezo[k]fluoranthene ...	16.425	2185107	20.413 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.771	2205872	19.884 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.136	2076423	20.144 ug/ml
20) T Dibenz[a,h]anthracene...	18.176	2407474	22.087 ug/ml
21) T Benzo[g,h,i]perylene ...	18.391	2203971	20.169 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

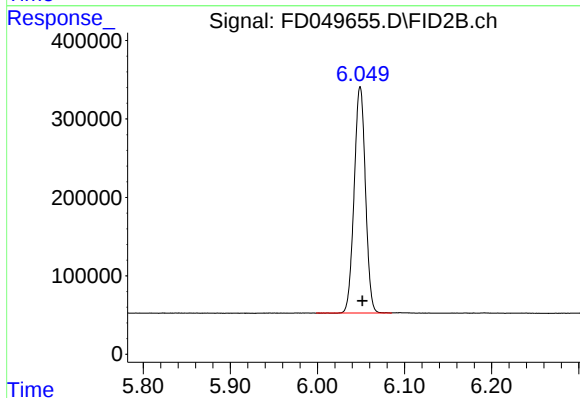
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Acq On    : 22 Aug 2025  23:13  
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Misc      :  
ALS Vial  : 52   Sample Multiplier: 1
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#1 1,2,3-Trimethylbenzene (C10.1)

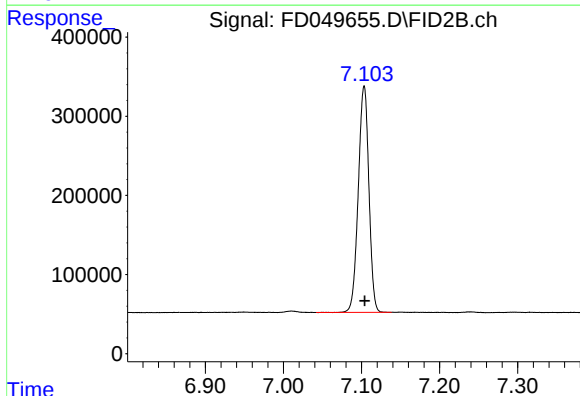
R.T.: 4.505 min
Delta R.T.: -0.004 min
Response: 2261614
Conc: 22.34 ug/ml

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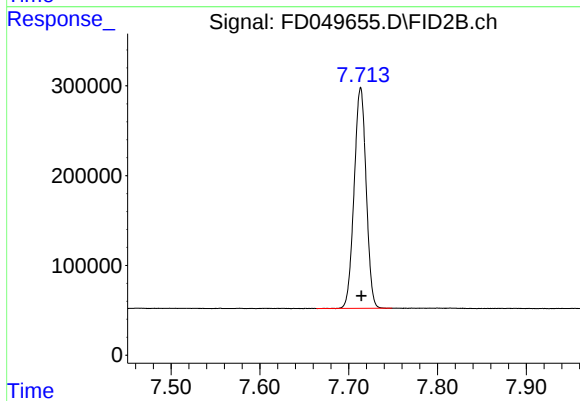
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.002 min
Response: 2593589
Conc: 22.62 ug/ml



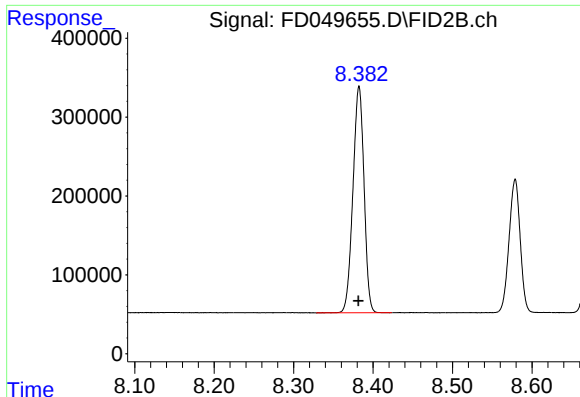
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 2698036
Conc: 22.62 ug/ml



#4 2-Bromonaphthalene (SURR)

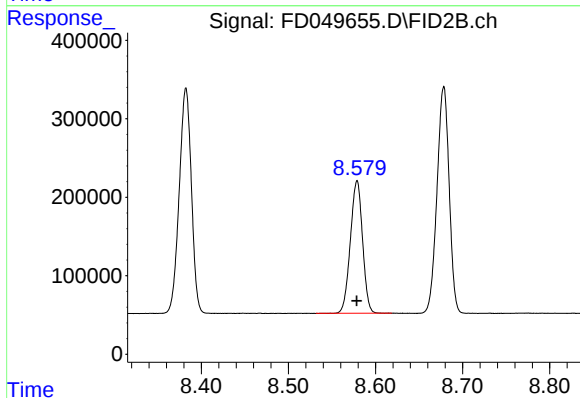
R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 2311005
Conc: 22.55 ug/ml



#5 Acenaphthylene (C15.06)

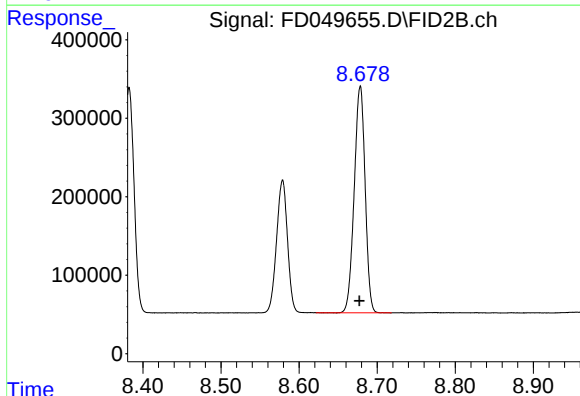
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2782138
Conc: 22.13 ug/ml

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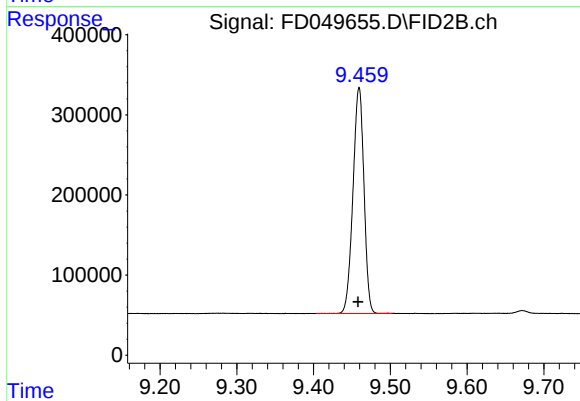
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 1642650
Conc: 22.49 ug/ml



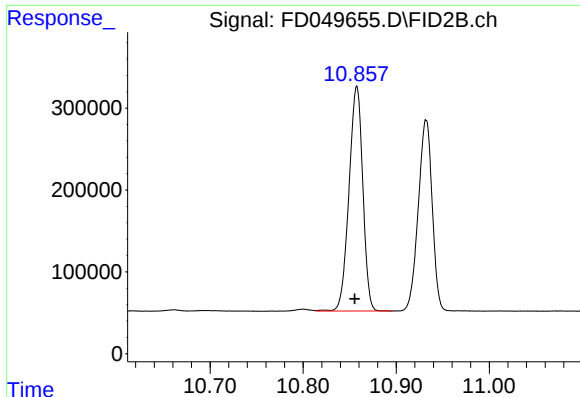
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.001 min
Response: 2802816
Conc: 22.29 ug/ml



#8 Fluorene (C16.55)

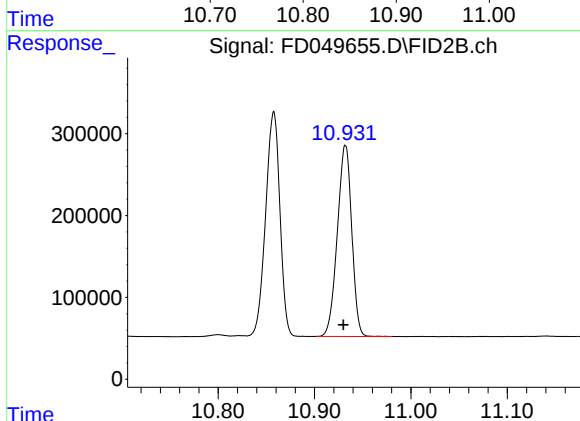
R.T.: 9.459 min
Delta R.T.: 0.001 min
Response: 2807501
Conc: 22.17 ug/ml



#9 Phenanthrene (C19.36)

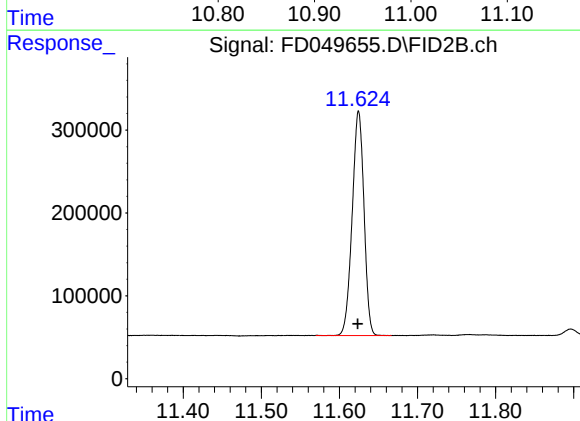
R.T.: 10.858 min
Delta R.T.: 0.002 min
Response: 2829122
Conc: 21.90 ug/ml

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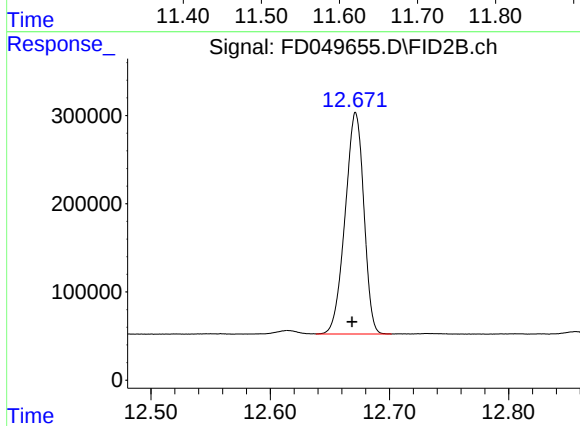
#10 Anthracene (C19.43)

R.T.: 10.932 min
Delta R.T.: 0.002 min
Response: 2428649
Conc: 19.71 ug/ml



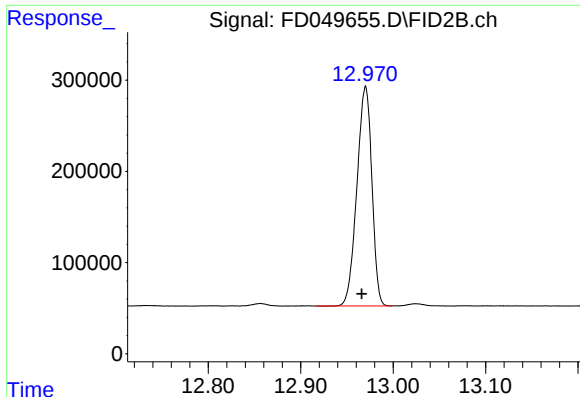
#11 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.001 min
Response: 2841802
Conc: 21.89 ug/ml



#12 Fluoranthene (C21.85)

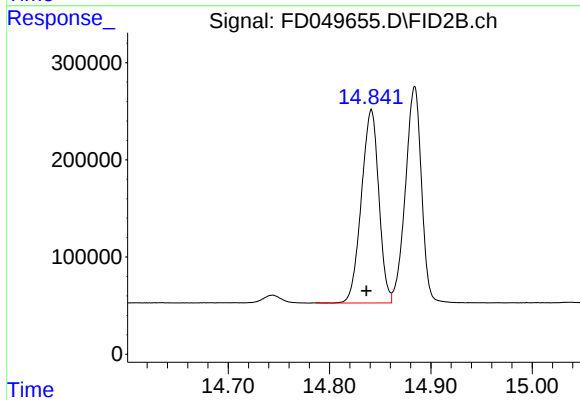
R.T.: 12.672 min
Delta R.T.: 0.003 min
Response: 2737470
Conc: 21.38 ug/ml



#13 Pyrene (C20.8)

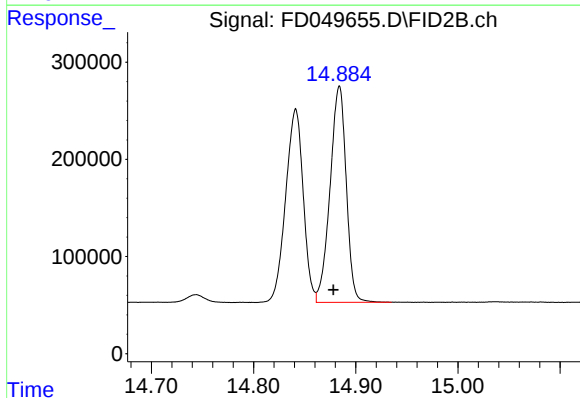
R.T.: 12.970 min
Delta R.T.: 0.004 min
Response: 2703430
Conc: 21.29 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



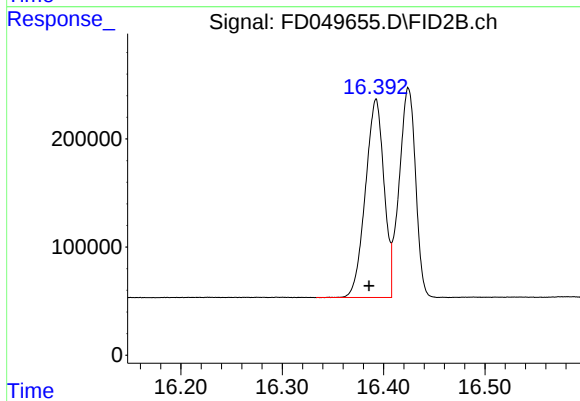
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.841 min
Delta R.T.: 0.005 min
Response: 2377031
Conc: 20.60 ug/ml



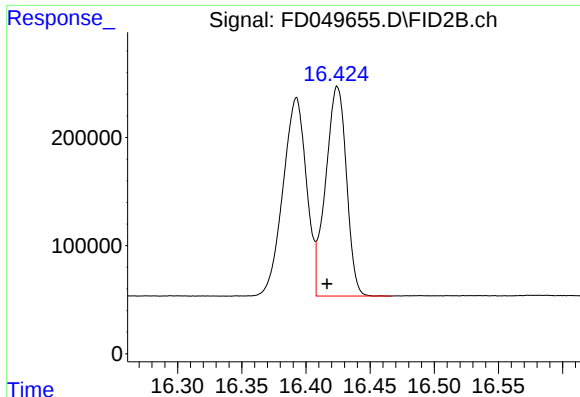
#15 Chrysene (C27.41)

R.T.: 14.884 min
Delta R.T.: 0.006 min
Response: 2451764
Conc: 20.94 ug/ml



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

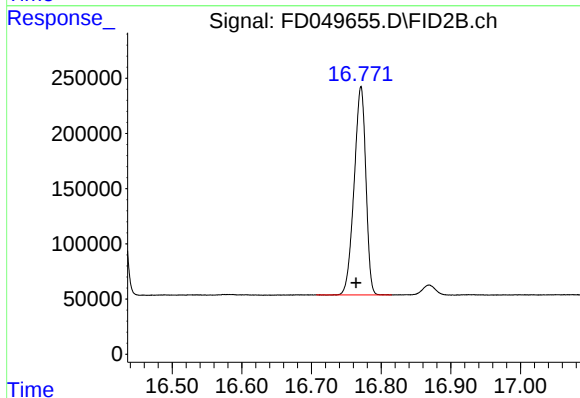
R.T.: 16.393 min
Delta R.T.: 0.007 min
Response: 2335751
Conc: 20.54 ug/ml



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

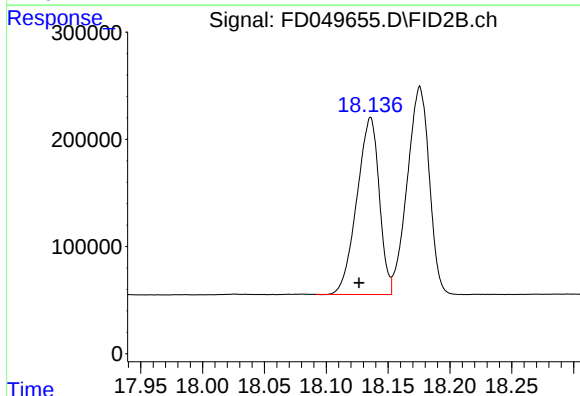
R.T.: 16.425 min
Delta R.T.: 0.008 min
Response: 2185107
Conc: 20.41 ug/ml

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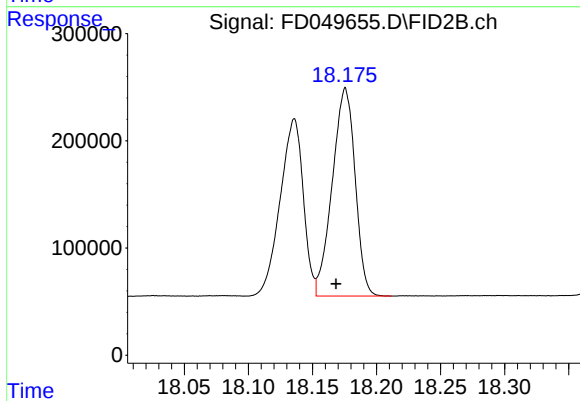
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.771 min
Delta R.T.: 0.007 min
Response: 2205872
Conc: 19.88 ug/ml



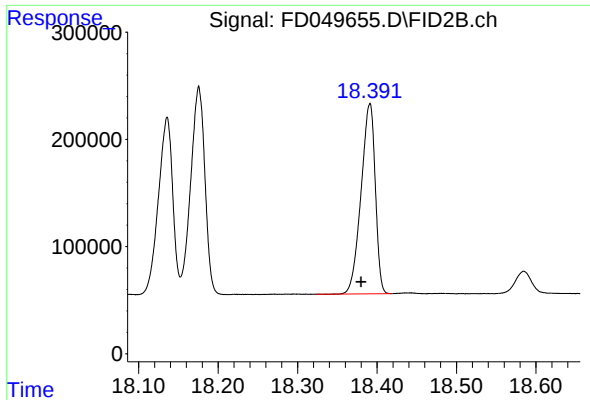
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.136 min
Delta R.T.: 0.009 min
Response: 2076423
Conc: 20.14 ug/ml



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

R.T.: 18.176 min
Delta R.T.: 0.007 min
Response: 2407474
Conc: 22.09 ug/ml



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

R.T.: 18.391 min
Delta R.T.: 0.011 min
Response: 2203971
Conc: 20.17 ug/ml

Instrument :
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