

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032924AR\
 Data File : FD047448.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2024 10:49
 Operator : YP/AJ
 Sample : PB159832BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159832BS

Integration File: autoint1.e
 Quant Time: Mar 29 15:41:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

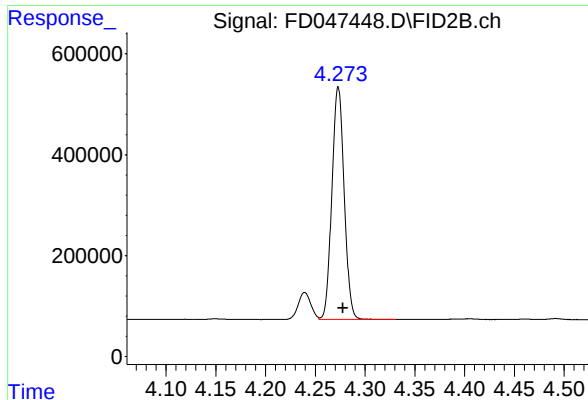
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.458	4338686	26.269 ug/ml
Spiked Amount 50.000		Recovery =	52.54%
6) S 2-Fluorobiphenyl (SURR)	8.310	2259199	21.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.46%
11) S ortho-Terphenyl (SURR)	11.346	4315549	23.124 ug/ml
Spiked Amount 50.000		Recovery =	46.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	3955554	22.257 ug/ml
2) T Naphthalene (C11.7)	5.798	4760380	26.103 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	5146901	28.221 ug/ml
5) T Acenaphthylene (C15.06)	8.114	5717575	34.295 ug/ml
7) T Acenaphthene (C15.5)	8.409	5646126	32.047 ug/ml
8) T Fluorene (C16.55)	9.188	5972980	35.459 ug/ml
9) T Phenanthrene (C19.36)	10.576	6077991	37.529 ug/ml
10) T Anthracene (C19.43)	10.651	5937937	40.347 ug/ml
12) T Fluoranthene (C21.85)	12.380	6061399	38.021 ug/ml
13) T Pyrene (C20.8)	12.674	6130946	39.629 ug/ml
14) T Benzo[a]anthracene (C...	14.539	5633247	41.555 ug/ml
15) T Chrysene (C27.41)	14.581	5577051	37.570 ug/ml
16) T benzo[b]fluoranthene ...	16.082	5580647	39.754 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	5524035	39.008 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	5380977	38.954 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	5587836	44.709 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	5244175	39.766 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	5129661	38.178 ug/ml

(f)=RT Delta > 1/2 Window

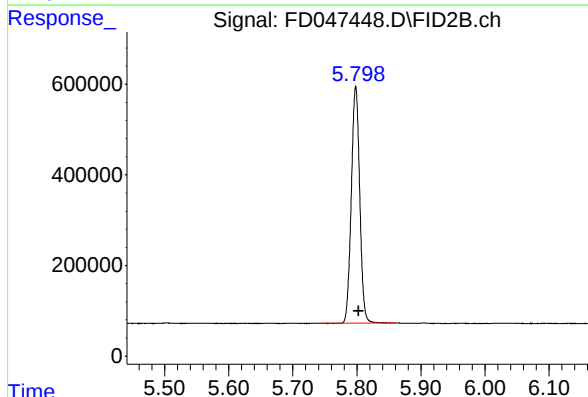
(m)=manual int.



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

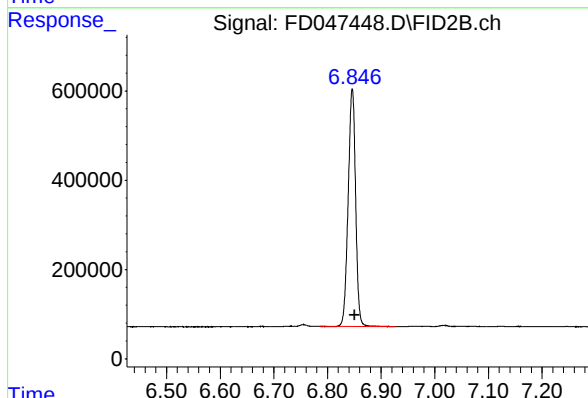
R.T.: 4.273 min
Delta R.T.: -0.005 min
Response: 3955554
Conc: 22.26 ug/ml

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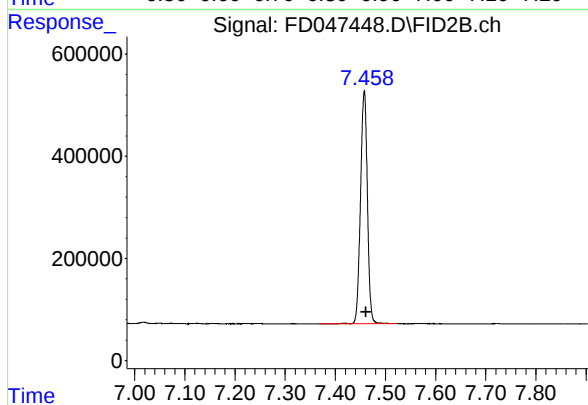
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: -0.005 min
Response: 4760380
Conc: 26.10 ug/ml



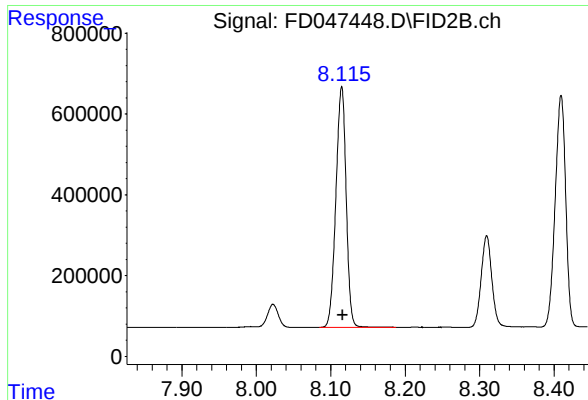
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 5146901
Conc: 28.22 ug/ml



#4 2-Bromonaphthalene (SURR)

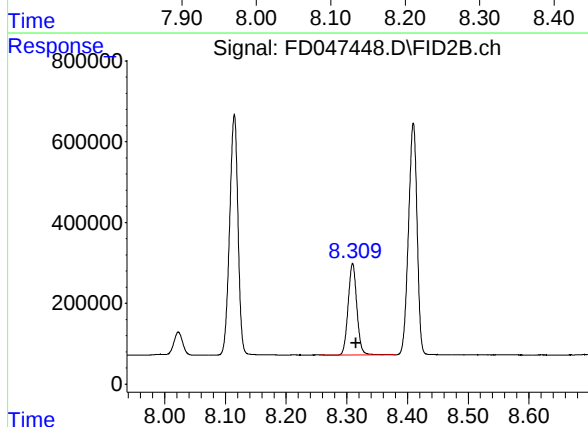
R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 4338686
Conc: 26.27 ug/ml



#5 Acenaphthylene (C15.06)

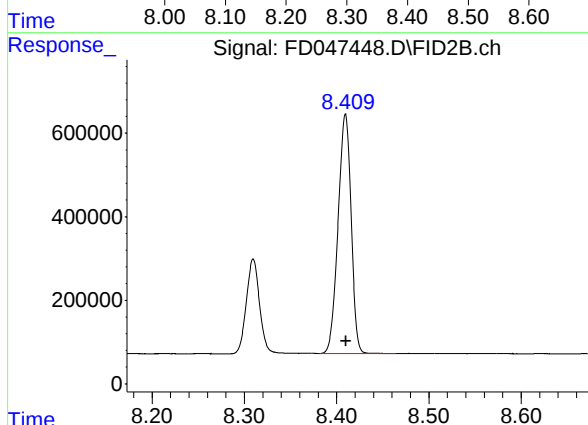
R.T.: 8.114 min
Delta R.T.: -0.002 min
Response: 5717575
Conc: 34.29 ug/ml

Instrument :
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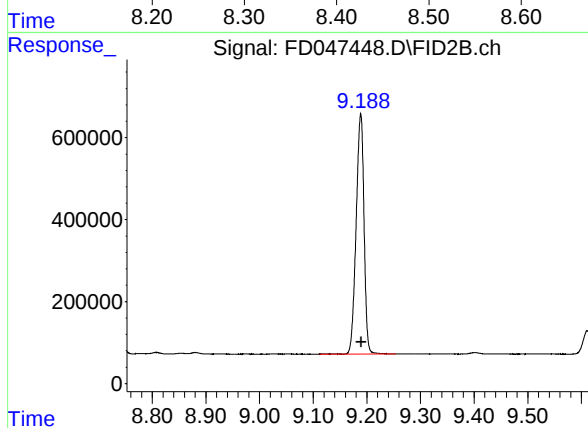
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.310 min
Delta R.T.: -0.005 min
Response: 2259199
Conc: 21.23 ug/ml



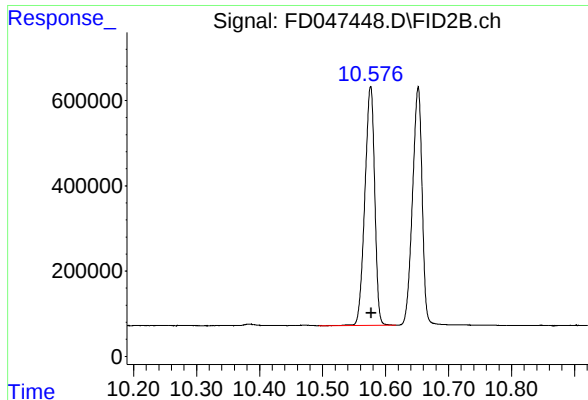
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 5646126
Conc: 32.05 ug/ml



#8 Flouorene (C16.55)

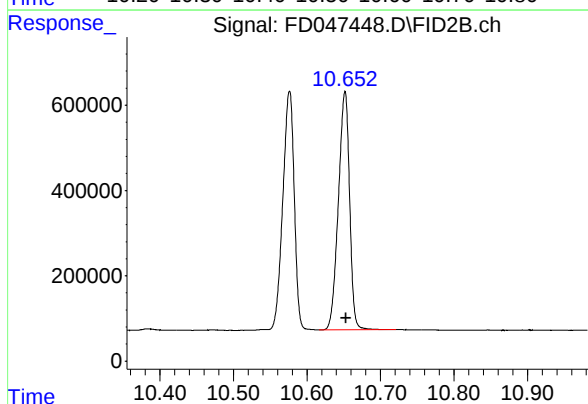
R.T.: 9.188 min
Delta R.T.: -0.002 min
Response: 5972980
Conc: 35.46 ug/ml



#9 Phenanthrene (C19.36)

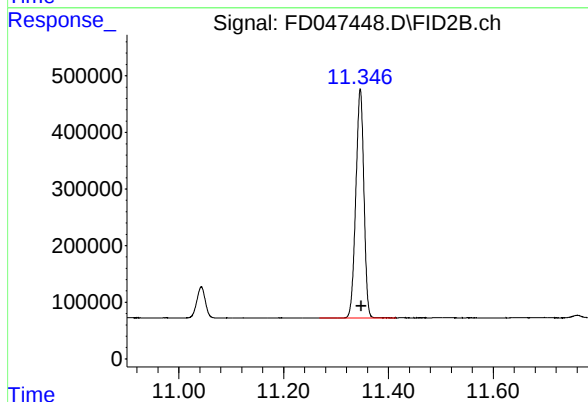
R.T.: 10.576 min
Delta R.T.: -0.001 min
Response: 6077991
Conc: 37.53 ug/ml

Instrument :
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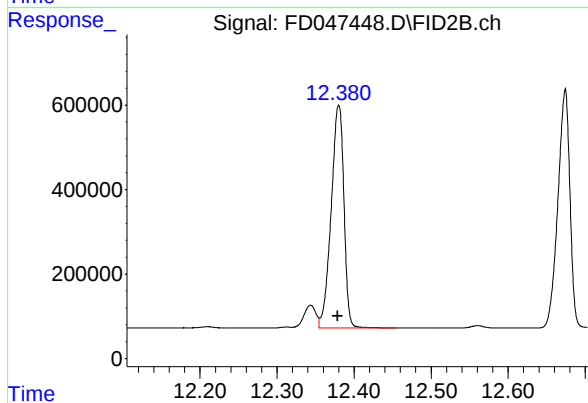
#10 Anthracene (C19.43)

R.T.: 10.651 min
Delta R.T.: -0.002 min
Response: 5937937
Conc: 40.35 ug/ml



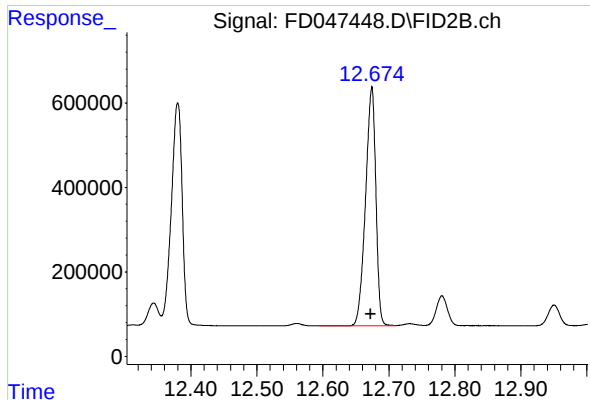
#11 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: -0.002 min
Response: 4315549
Conc: 23.12 ug/ml



#12 Fluoranthene (C21.85)

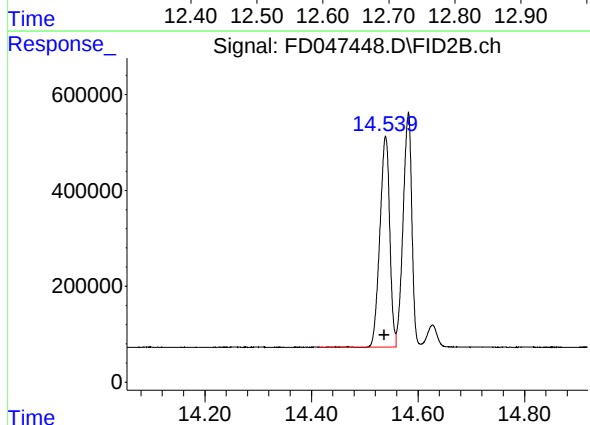
R.T.: 12.380 min
Delta R.T.: 0.001 min
Response: 6061399
Conc: 38.02 ug/ml



#13 Pyrene (C20.8)

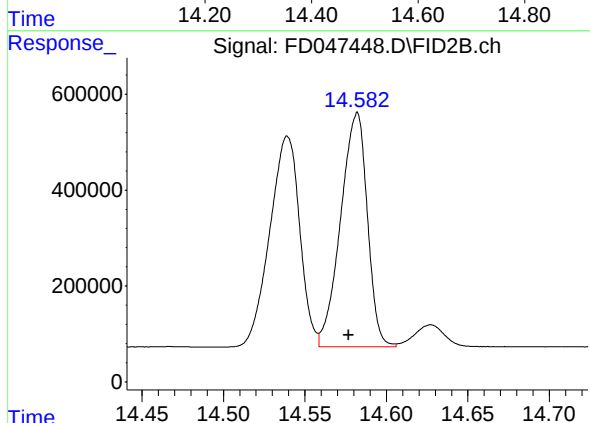
R.T.: 12.674 min
Delta R.T.: 0.001 min
Response: 6130946
Conc: 39.63 ug/ml

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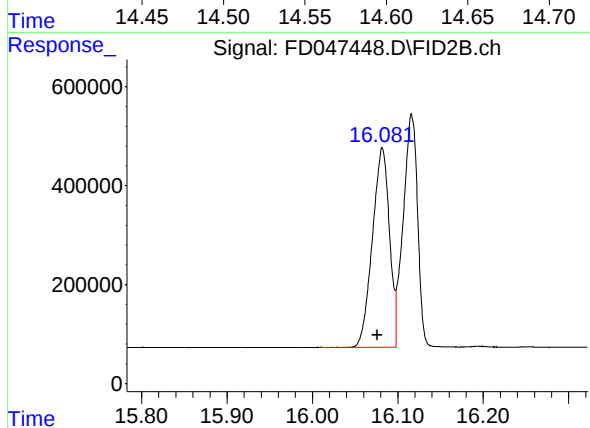
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.539 min
Delta R.T.: 0.002 min
Response: 5633247
Conc: 41.56 ug/ml



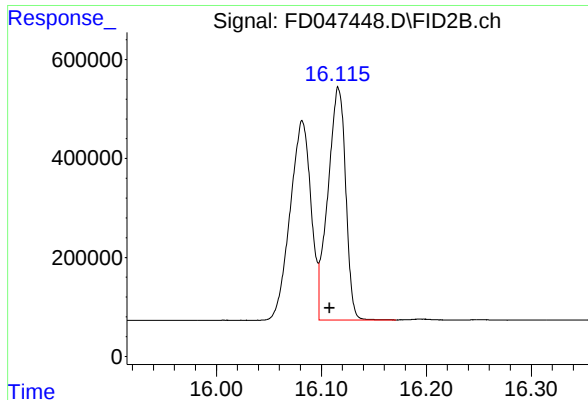
#15 Chrysene (C27.41)

R.T.: 14.581 min
Delta R.T.: 0.005 min
Response: 5577051
Conc: 37.57 ug/ml



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

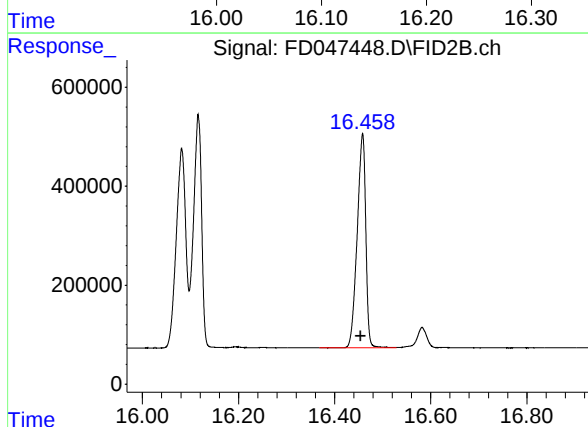
R.T.: 16.082 min
Delta R.T.: 0.006 min
Response: 5580647
Conc: 39.75 ug/ml



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

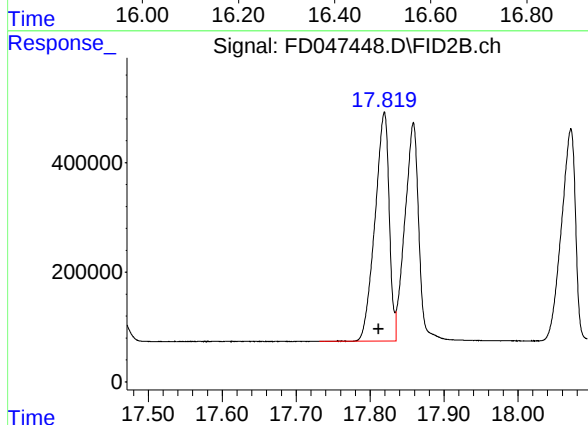
R.T.: 16.116 min
Delta R.T.: 0.008 min
Response: 5524035
Conc: 39.01 ug/ml

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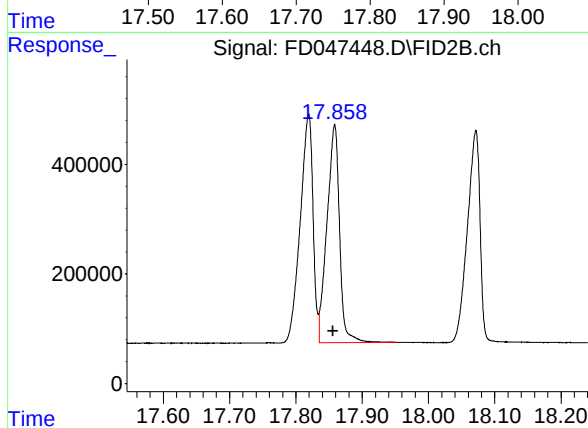
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: 0.003 min
Response: 5380977
Conc: 38.95 ug/ml



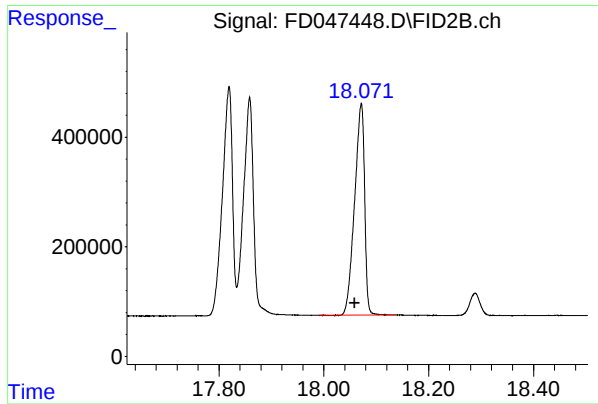
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.007 min
Response: 5587836
Conc: 44.71 ug/ml



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

R.T.: 17.858 min
Delta R.T.: 0.002 min
Response: 5244175
Conc: 39.77 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.012 min
Response: 5129661
Conc: 38.18 ug/ml

Instrument :

FID_D

ClientSampleId :

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