

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048359.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 17:25
 Operator : YP/AJ
 Sample : PB163557BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163557BS

Integration File: autoint1.e
 Quant Time: Sep 21 02:15:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

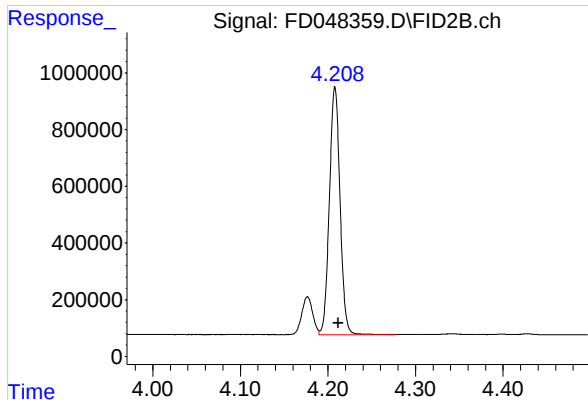
Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.387	8776931	57.872 ug/ml
Spiked Amount 50.000		Recovery =	115.74%
6) S 2-Fluorobiphenyl (SURR)	8.237	5578990	58.389 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.78%
11) S ortho-Terphenyl (SURR)	11.275	8063404	46.998 ug/ml
Spiked Amount 50.000		Recovery =	94.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.208	7377017	41.818 ug/ml
2) T Naphthalene (C11.7)	5.726	8304602	45.923 ug/ml
3) T 2-Methylnaphthalene (...)	6.774	8465633	47.318 ug/ml
5) T Acenaphthylene (C15.06)	8.040	8800777	50.372 ug/ml
7) T Acenaphthene (C15.5)	8.336	8726782	49.067 ug/ml
8) T Fluorene (C16.55)	9.114	8916557	53.249 ug/ml
9) T Phenanthrene (C19.36)	10.503	9057003	56.099 ug/ml
10) T Anthracene (C19.43)	10.578	8905329	55.963 ug/ml
12) T Fluoranthene (C21.85)	12.308	10681501	65.889 ug/ml
13) T Pyrene (C20.8)	12.602	9392041	58.577 ug/ml
14) T Benzo[a]anthracene (C...	14.472	8691980	62.051 ug/ml
15) T Chrysene (C27.41)	14.515	8760504	53.185 ug/ml
16) T benzo[b]fluoranthene ...	16.019	8679731	58.419 ug/ml
17) T Bnezo[k]fluoranthene ...	16.055	8950428	58.114 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.396	8410606	56.847 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.763	8366877	74.047 ug/ml
20) T Dibenz[a,h]anthracene...	17.800	8379978	54.910 ug/ml
21) T Benzo[g,h,i]perylene ...	18.015	7798658	52.907 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

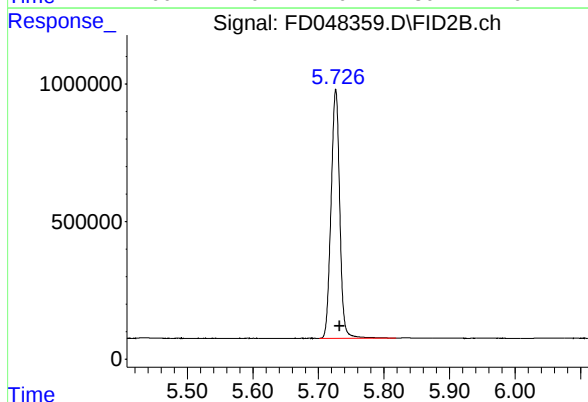
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Sample    : PB163557BS  
Misc      :  
ALS Vial  : 57   Sample Multiplier: 1
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#1 1,2,3-Trimethylbenzene (C10.1)

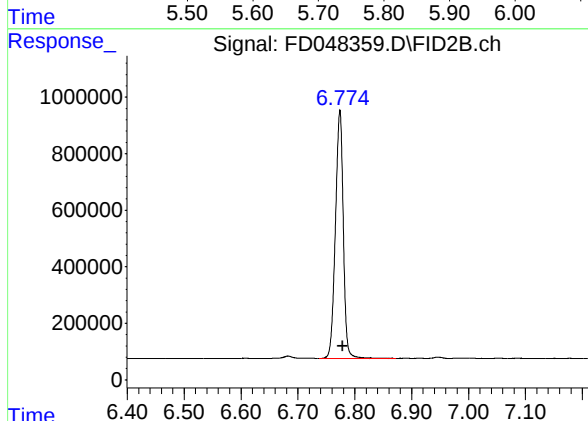
R.T.: 4.208 min
Delta R.T.: -0.004 min
Response: 7377017
Conc: 41.82 ug/ml

Instrument :
FID_D
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PB163557BS



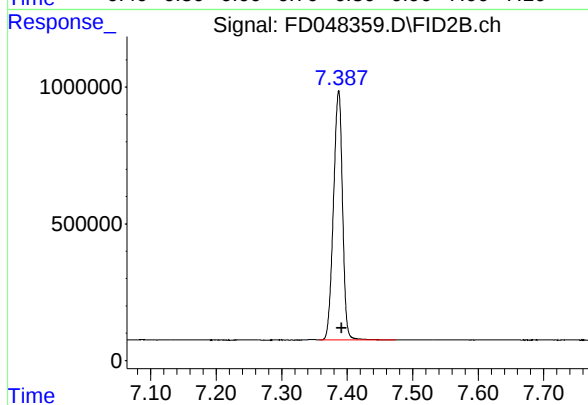
#2 Naphthalene (C11.7)

R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 8304602
Conc: 45.92 ug/ml



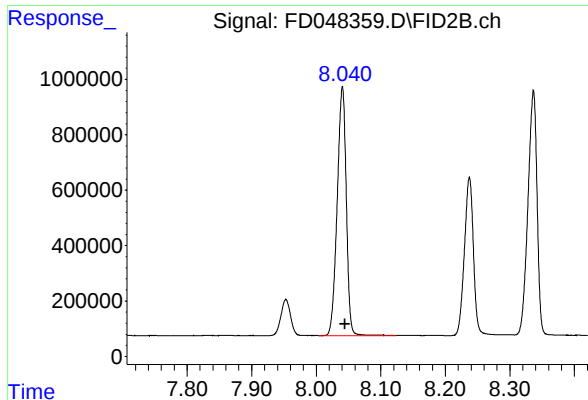
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 8465633
Conc: 47.32 ug/ml



#4 2-Bromonaphthalene (SURR)

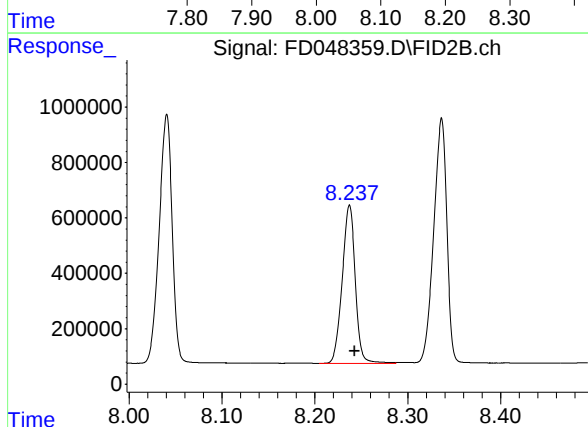
R.T.: 7.387 min
Delta R.T.: -0.005 min
Response: 8776931
Conc: 57.87 ug/ml



#5 Acenaphthylene (C15.06)

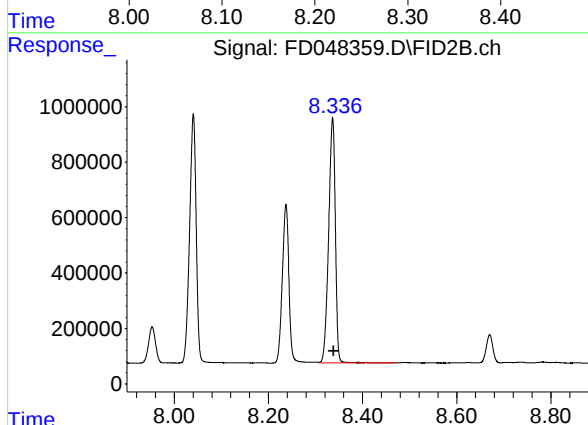
R.T.: 8.040 min
Delta R.T.: -0.004 min
Response: 8800777
Conc: 50.37 ug/ml

Instrument :
FID_D
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PB163557BS



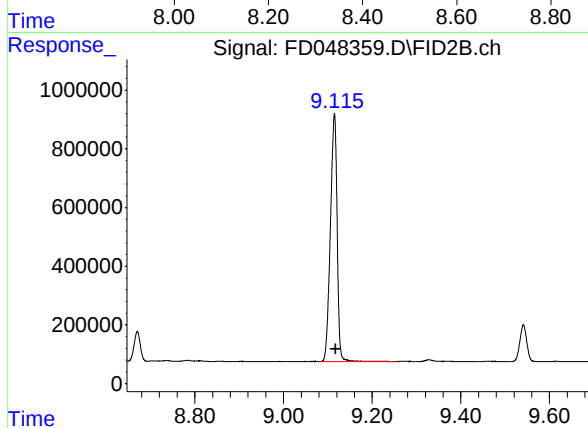
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.237 min
Delta R.T.: -0.005 min
Response: 5578990
Conc: 58.39 ug/ml



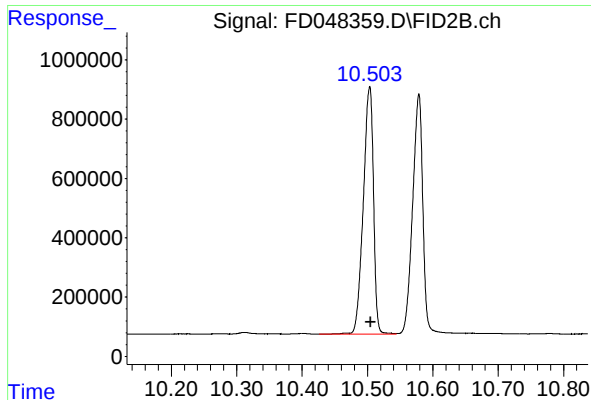
#7 Acenaphthene (C15.5)

R.T.: 8.336 min
Delta R.T.: -0.003 min
Response: 8726782
Conc: 49.07 ug/ml



#8 Flouorene (C16.55)

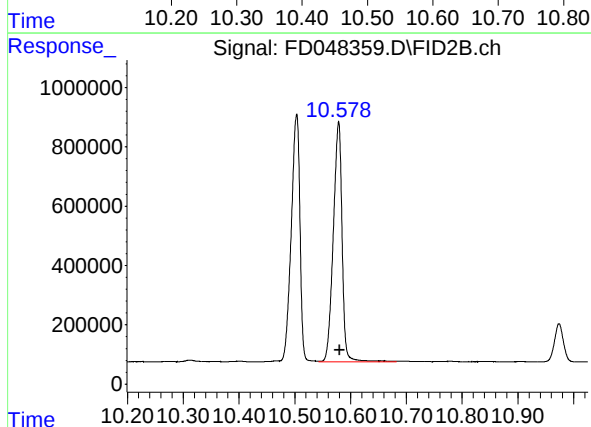
R.T.: 9.114 min
Delta R.T.: -0.003 min
Response: 8916557
Conc: 53.25 ug/ml



#9 Phenanthrene (C19.36)

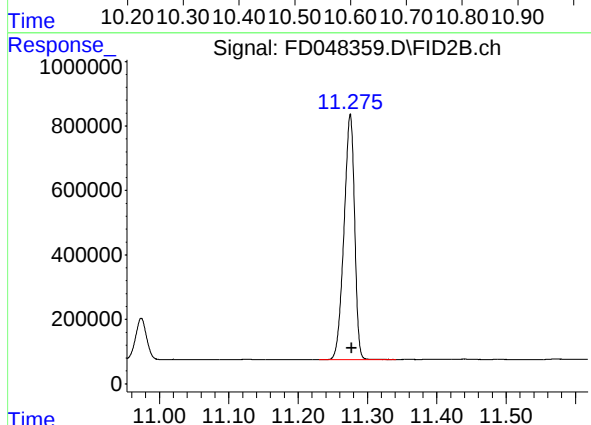
R.T.: 10.503 min
Delta R.T.: -0.002 min
Response: 9057003
Conc: 56.10 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163557BS



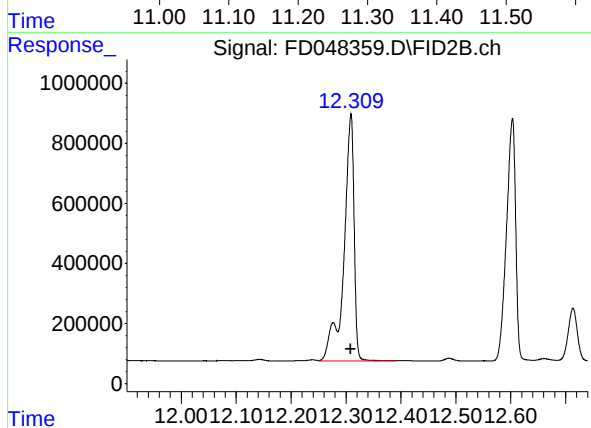
#10 Anthracene (C19.43)

R.T.: 10.578 min
Delta R.T.: -0.002 min
Response: 8905329
Conc: 55.96 ug/ml



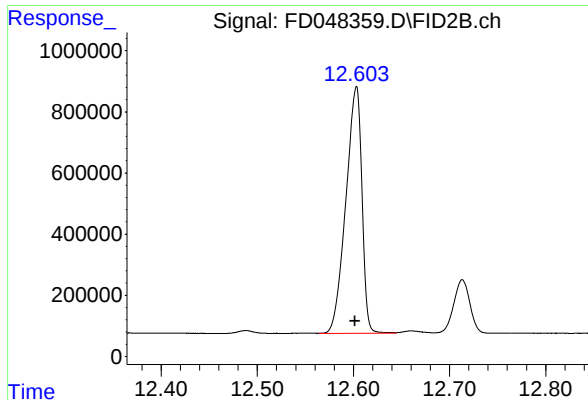
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 8063404
Conc: 47.00 ug/ml



#12 Fluoranthene (C21.85)

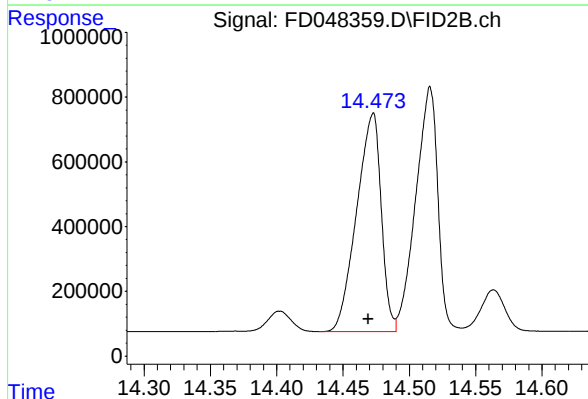
R.T.: 12.308 min
Delta R.T.: 0.000 min
Response: 10681501
Conc: 65.89 ug/ml



#13 Pyrene (C20.8)

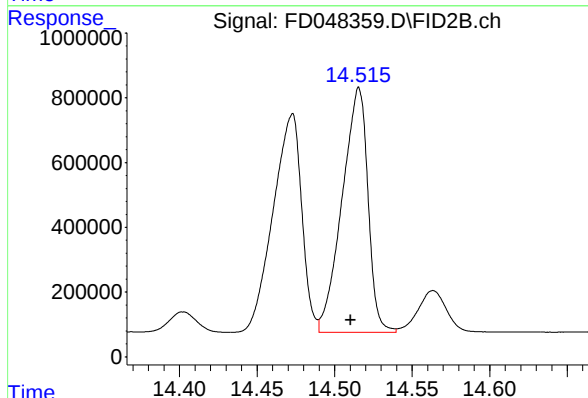
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 9392041
Conc: 58.58 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163557BS



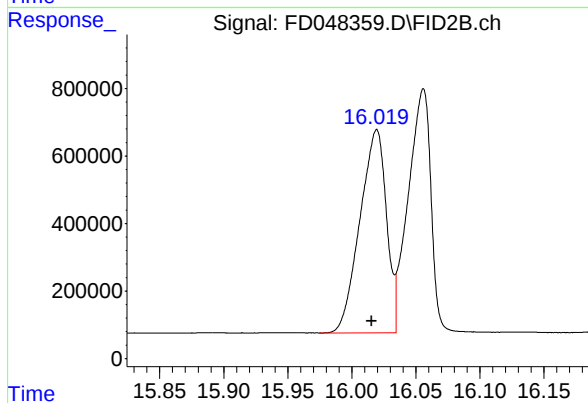
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.472 min
Delta R.T.: 0.002 min
Response: 8691980
Conc: 62.05 ug/ml



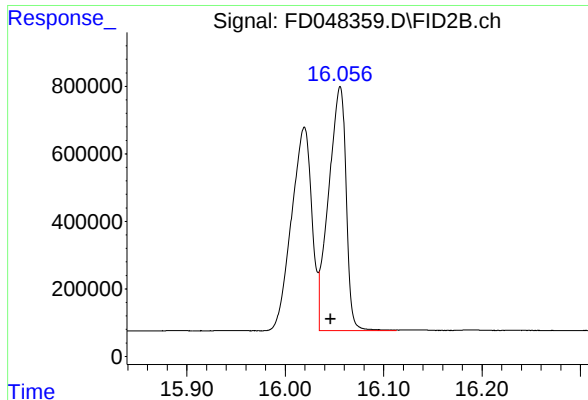
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: 0.004 min
Response: 8760504
Conc: 53.19 ug/ml



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

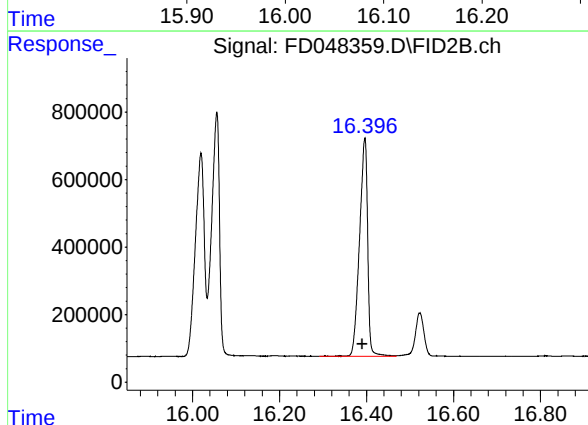
R.T.: 16.019 min
Delta R.T.: 0.004 min
Response: 8679731
Conc: 58.42 ug/ml



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

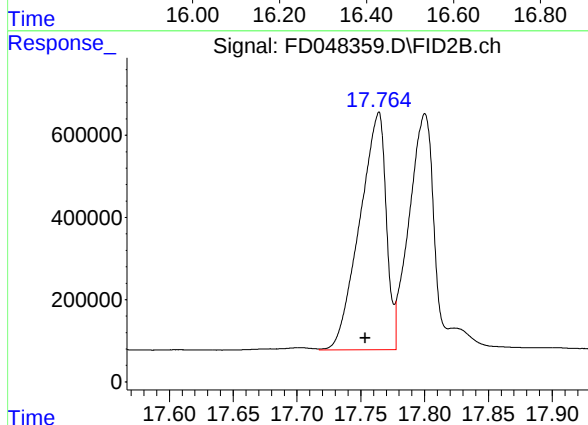
R.T.: 16.055 min
Delta R.T.: 0.009 min
Response: 8950428
Conc: 58.11 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163557BS



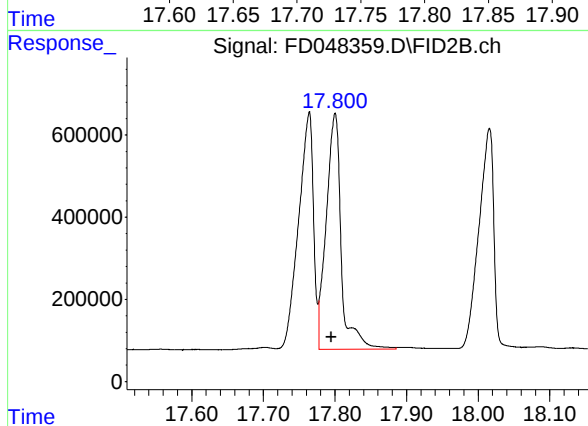
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.396 min
Delta R.T.: 0.005 min
Response: 8410606
Conc: 56.85 ug/ml



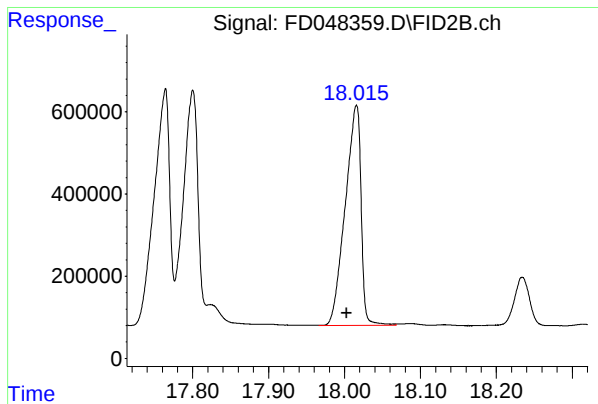
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.763 min
Delta R.T.: 0.010 min
Response: 8366877
Conc: 74.05 ug/ml



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

R.T.: 17.800 min
Delta R.T.: 0.005 min
Response: 8379978
Conc: 54.91 ug/ml



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

R.T.: 18.015 min

Delta R.T.: 0.012 min

Response: 7798658

Conc: 52.91 ug/ml

Instrument :

FID_D

ClientSampleId :

PB163557BS