

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112224AR\
 Data File : FD048801.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2024 11:32
 Operator : YP/AJ
 Sample : PB165188BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165188BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/25/2024

Supervised By :Ankita Jodhani 11/25/2024

Integration File: autoint1.e
 Quant Time: Nov 22 23:07:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

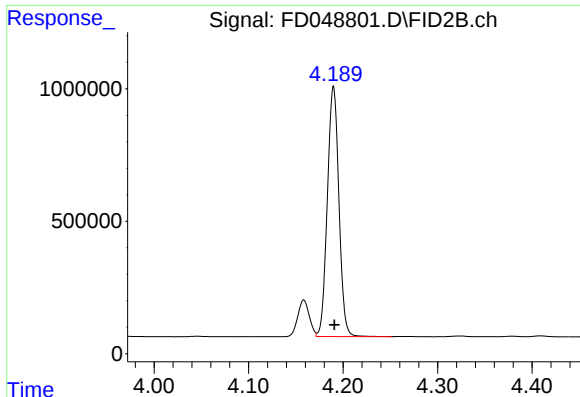
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.368	9688397	55.029 ug/ml
Spiked Amount 50.000		Recovery =	110.06%
6) S 2-Fluorobiphenyl (SURR)	8.218	5811070	50.456 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.91%
11) S ortho-Terphenyl (SURR)	11.255	9064758	47.130 ug/ml
Spiked Amount 50.000		Recovery =	94.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	8022592	42.569 ug/ml
2) T Naphthalene (C11.7)	5.707	9642256	49.302 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	9471968	49.564 ug/ml
5) T Acenaphthylene (C15.06)	8.022	10883130	56.120 ug/ml
7) T Acenaphthene (C15.5)	8.318	11279322	58.641 ug/ml
8) T Flouorene (C16.55)	9.096	11187059	58.311 ug/ml
9) T Phenanthrene (C19.36)	10.485	10942980	59.699 ug/ml
10) T Anthracene (C19.43)	10.561	10960786	58.529 ug/ml
12) T Fluoranthene (C21.85)	12.291	11008533	60.116 ug/mlm
13) T Pyrene (C20.8)	12.584	10787764	59.669 ug/ml
14) T Benzo[a]anthracene (C...	14.455	10160147	61.763 ug/ml
15) T Chrysene (C27.41)	14.499	9987909	57.069 ug/ml
16) T benzo[b]fluoranthene ...	16.005	9690316	61.675 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	9778985	59.922 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.381	9142325	61.318 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	9033775	73.130 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	8474013	54.039 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	8618727	60.403 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.190 min
Delta R.T.: -0.001 min
Response: 8022592
Conc: 42.57 ug/ml

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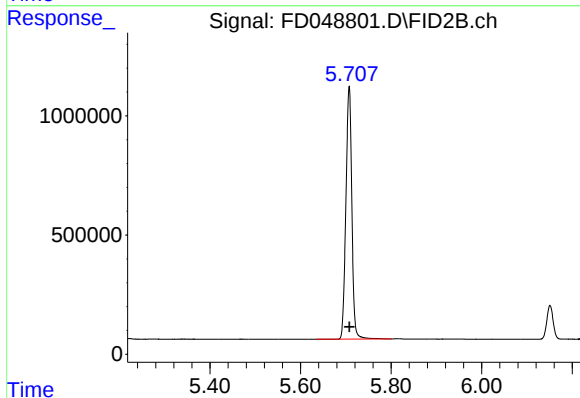
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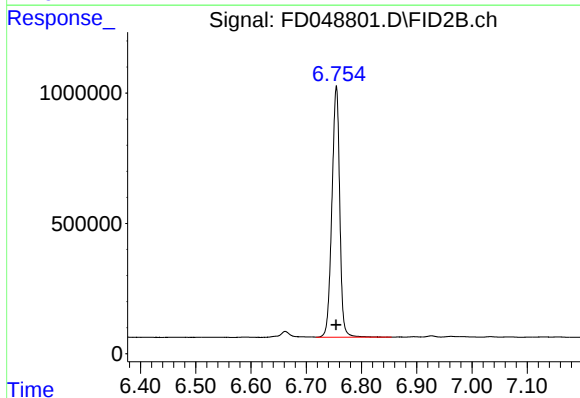
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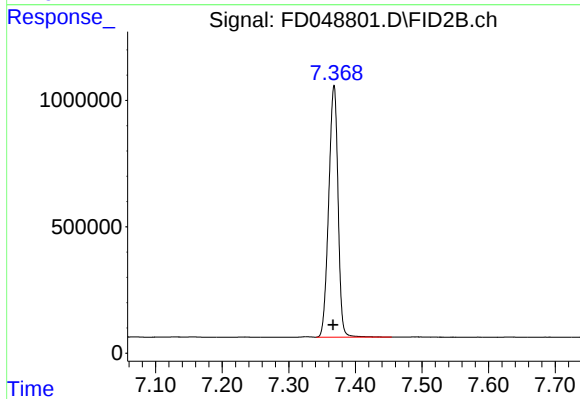
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 9642256
Conc: 49.30 ug/ml



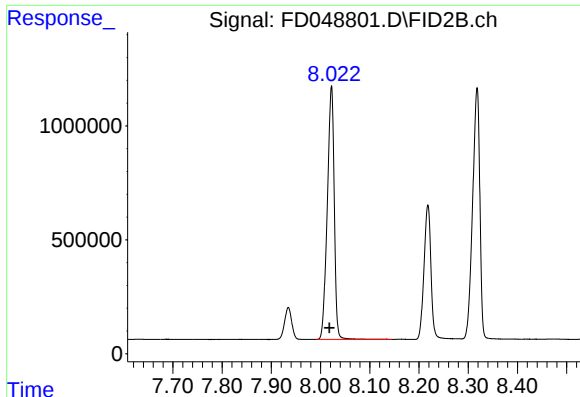
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 9471968
Conc: 49.56 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.368 min
Delta R.T.: 0.001 min
Response: 9688397
Conc: 55.03 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.022 min
Delta R.T.: 0.004 min
Response: 10883130
Conc: 56.12 ug/ml

Instrument :

FID_D

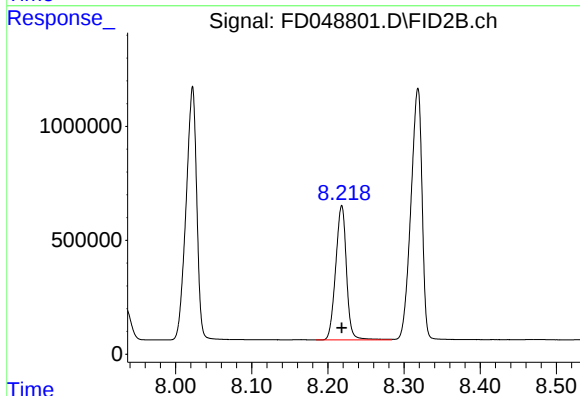
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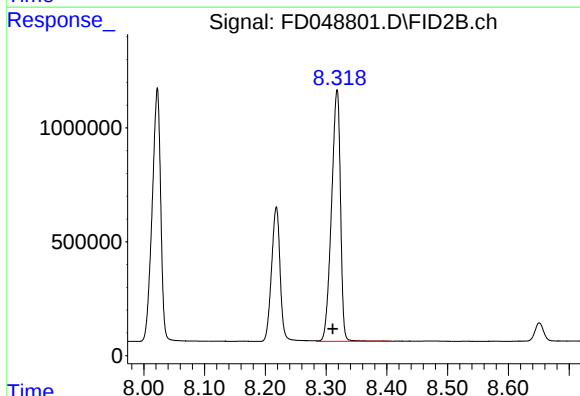
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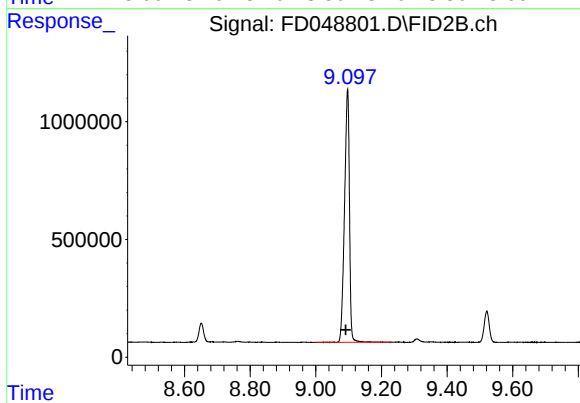
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 5811070
Conc: 50.46 ug/ml



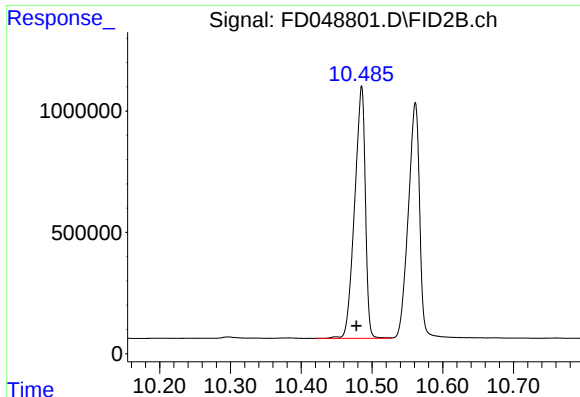
#7 Acenaphthene (C15.5)

R.T.: 8.318 min
Delta R.T.: 0.006 min
Response: 11279322
Conc: 58.64 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.096 min
Delta R.T.: 0.005 min
Response: 11187059
Conc: 58.31 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: 0.007 min
Response: 10942980
Conc: 59.70 ug/ml

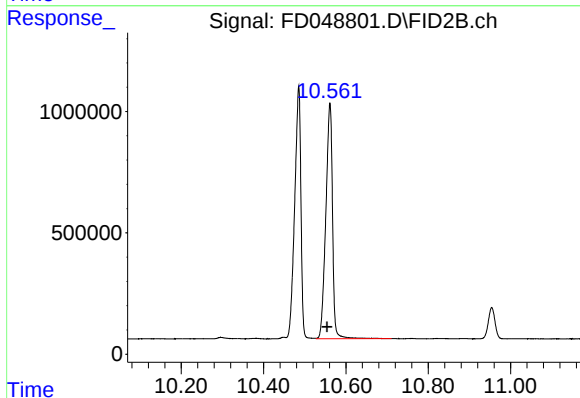
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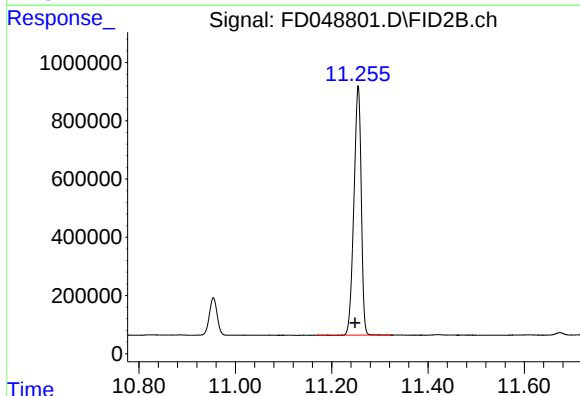
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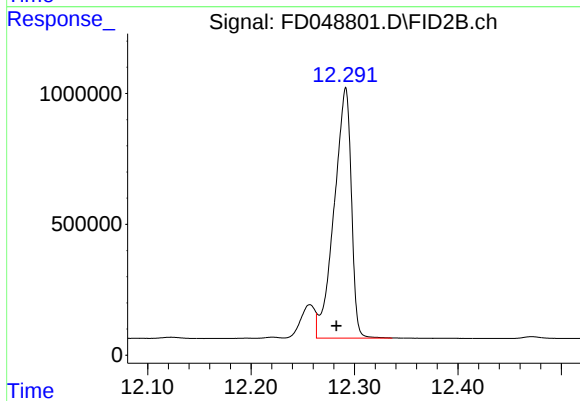
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: 0.006 min
Response: 10960786
Conc: 58.53 ug/ml



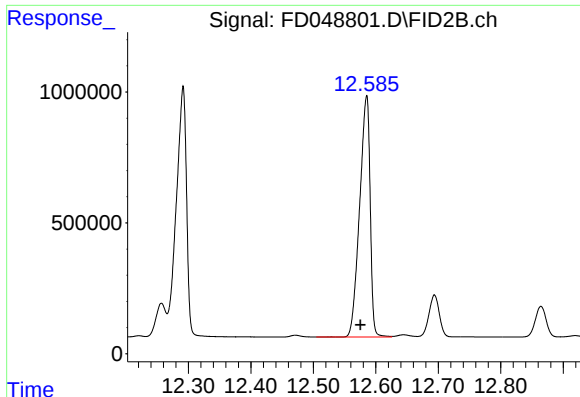
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: 0.006 min
Response: 9064758
Conc: 47.13 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.291 min
Delta R.T.: 0.009 min
Response: 11008533
Conc: 60.12 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.584 min
Delta R.T.: 0.009 min
Response: 10787764
Conc: 59.67 ug/ml

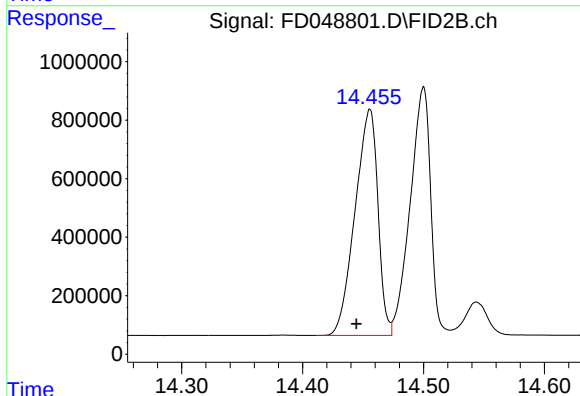
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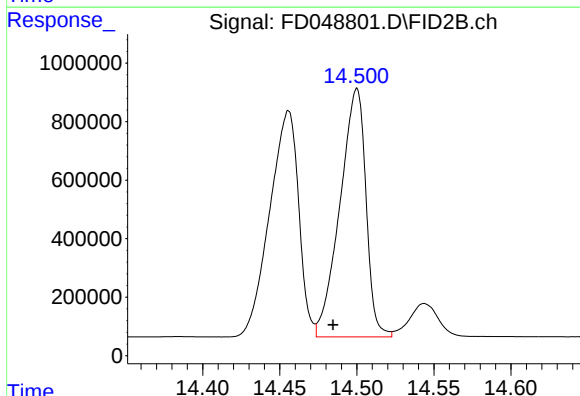
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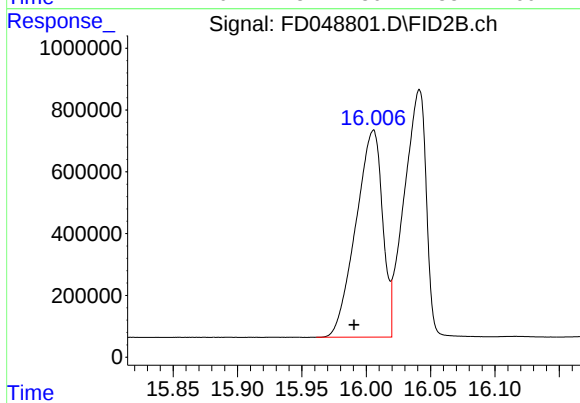
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.455 min
Delta R.T.: 0.010 min
Response: 10160147
Conc: 61.76 ug/ml



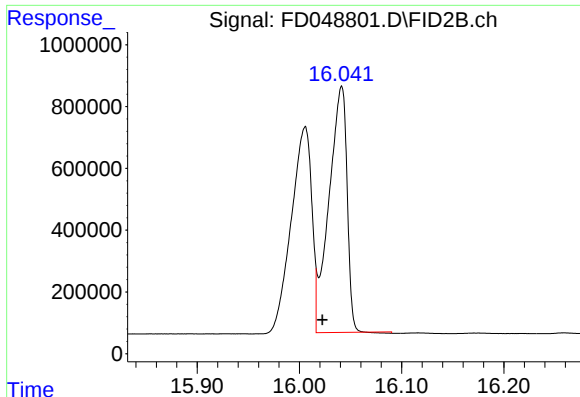
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: 0.015 min
Response: 9987909
Conc: 57.07 ug/ml



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

R.T.: 16.005 min
Delta R.T.: 0.014 min
Response: 9690316
Conc: 61.68 ug/ml



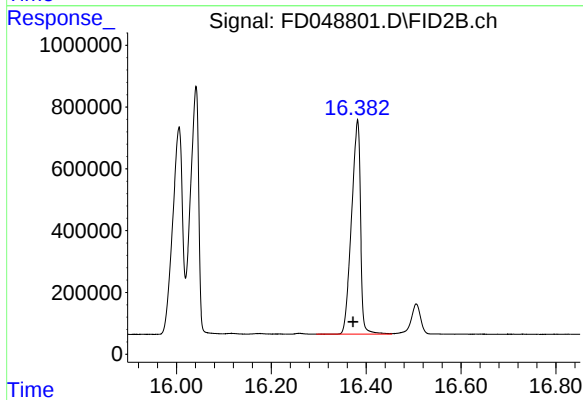
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.041 min
Delta R.T.: 0.018 min
Response: 9778985
Conc: 59.92 ug/ml

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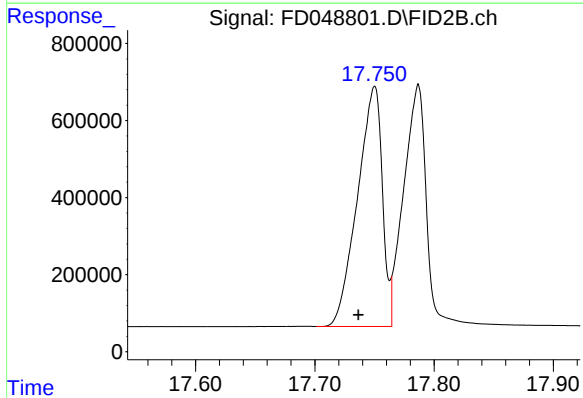
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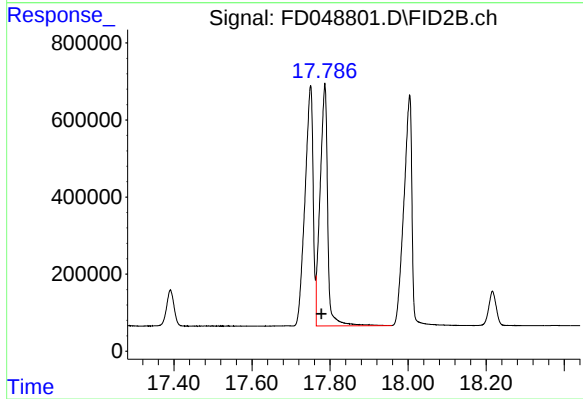
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: 0.008 min
Response: 9142325
Conc: 61.32 ug/ml



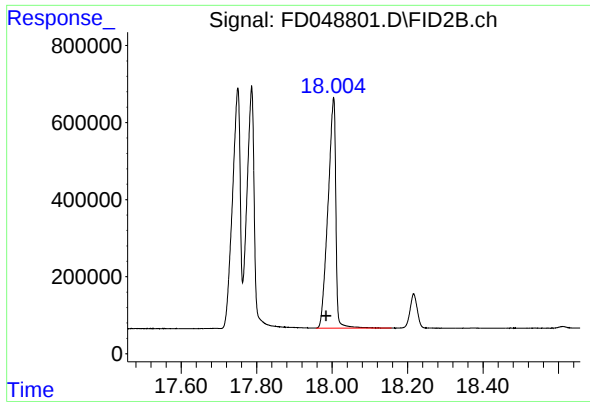
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: 0.013 min
Response: 9033775
Conc: 73.13 ug/ml



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

R.T.: 17.786 min
Delta R.T.: 0.008 min
Response: 8474013
Conc: 54.04 ug/ml



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

R.T.: 18.003 min
Delta R.T.: 0.019 min
Response: 8618727
Conc: 60.40 ug/ml

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