

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
 Data File : FD048470.D
 Signal(s) : FID2B.ch
 Acq On : 12 Oct 2024 03:04
 Operator : YP/AJ
 Sample : P4258-03MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 Chamberlain AveMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 04:59:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.379	9001040	54.365 ug/ml
Spiked Amount 50.000		Recovery =	108.73%
6) S 2-Fluorobiphenyl (SURR)	8.230	5945022	57.327 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.65%
11) S ortho-Terphenyl (SURR)	11.264	5967413	32.432 ug/ml
Spiked Amount 50.000		Recovery =	64.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.201	6669548	38.056 ug/ml
2) T Naphthalene (C11.7)	5.719	7500518	40.171 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	7379606	39.048 ug/ml
5) T Acenaphthylene (C15.06)	8.032	7873521	41.042 ug/ml
7) T Acenaphthene (C15.5)	8.328	8259491	43.665 ug/ml
8) T Flouorene (C16.55)	9.106	8333993	46.127 ug/ml
9) T Phenanthrene (C19.36)	10.494	8468422	47.782 ug/ml
10) T Anthracene (C19.43)	10.569	8539180	47.989 ug/ml
12) T Fluoranthene (C21.85)	12.299	8598419	47.538 ug/mlm
13) T Pyrene (C20.8)	12.592	9012549	50.330 ug/ml
14) T Benzo[a]anthracene (C...	14.461	8079417	50.555 ug/ml
15) T Chrysene (C27.41)	14.505	8146970	43.677 ug/ml
16) T benzo[b]fluoranthene ...	16.010	7937093	47.658 ug/ml
17) T Bnezo[k]fluoranthene ...	16.046	7890783	46.485 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	7585273	46.409 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	8136296	61.854 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	7663610	45.798 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	7276693	44.800 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

```
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\  
Data File : FD048470.D  
Signal(s) : FID2B.ch  
Acq On    : 12 Oct 2024   03:04  
Operator  : YP/AJ  
Sample    : P4258-03MSD  
Misc      :  
ALS Vial  : 70   Sample Multiplier: 1
```

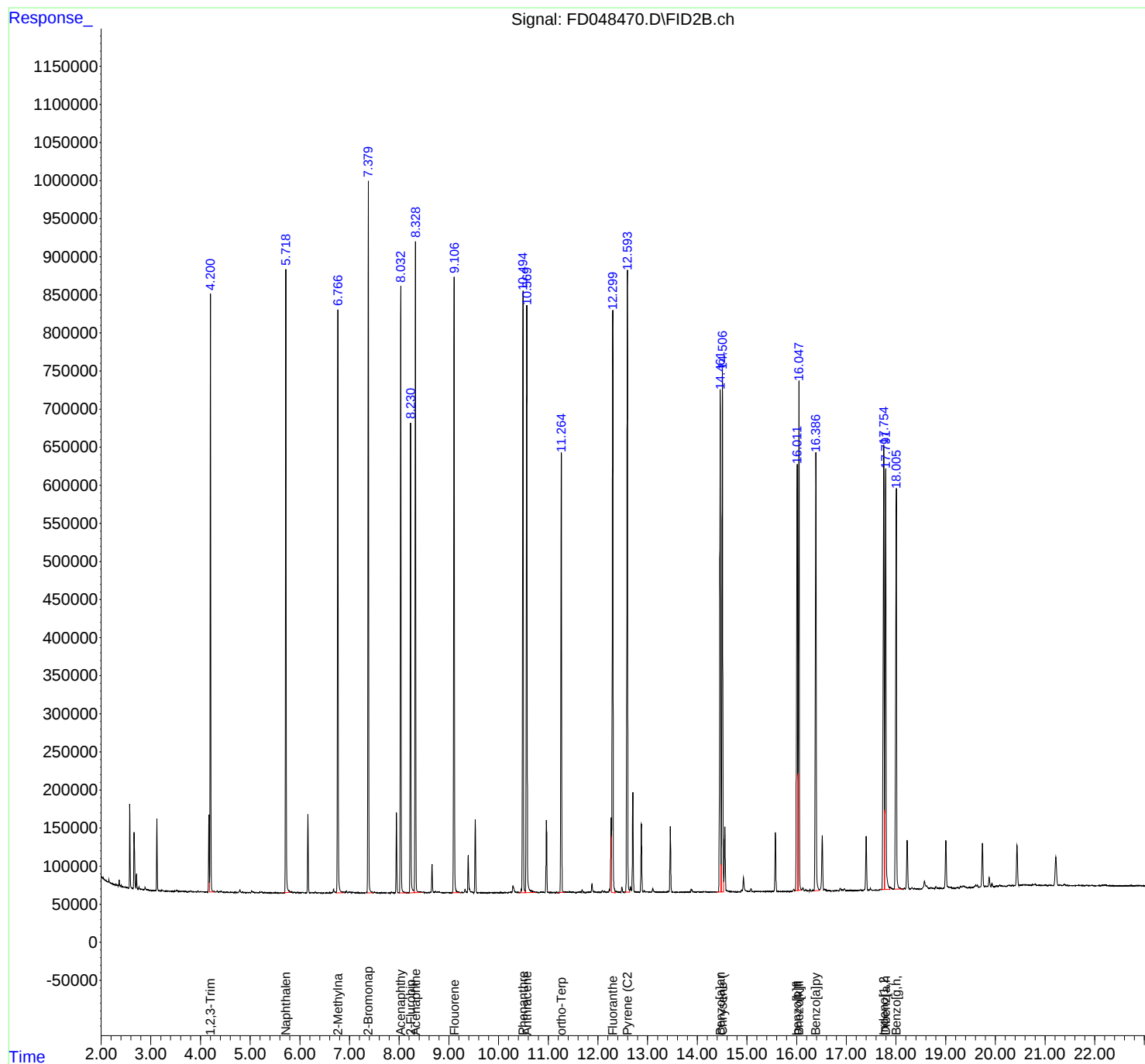
Instrument :
FID_D
ClientSampleId :
Chamberlain AveMSD

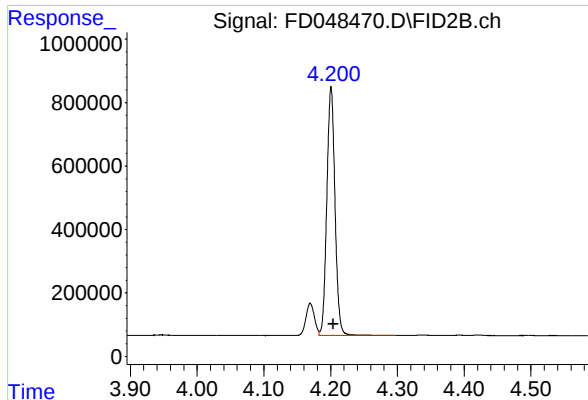
Manual Integrations

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
Quant Time: Oct 14 04:59:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 14:17:34 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

R.T.: 4.201 min
Delta R.T.: -0.003 min
Response: 6669548
Conc: 38.06 ug/ml

Instrument :

FID_D

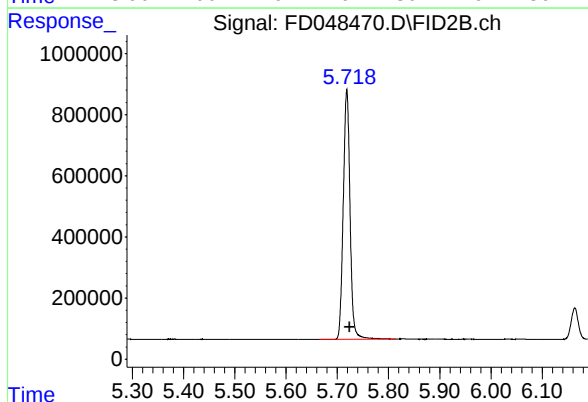
ClientSampleId :

Chamberlain AveMSD

Manual Integrations

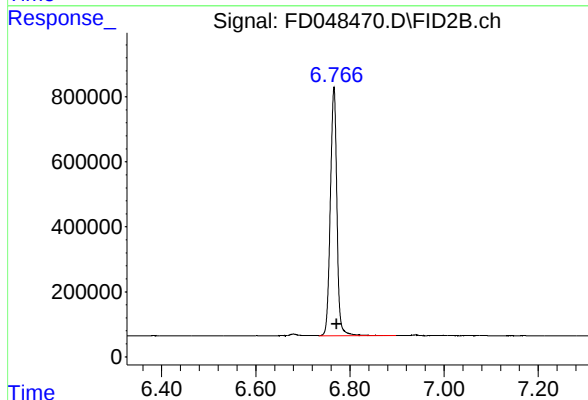
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



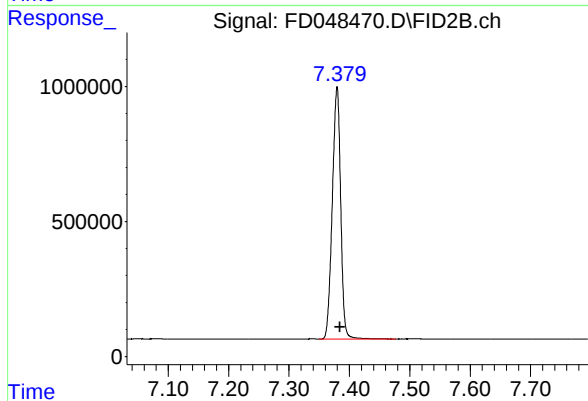
#2 Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: -0.006 min
Response: 7500518
Conc: 40.17 ug/ml



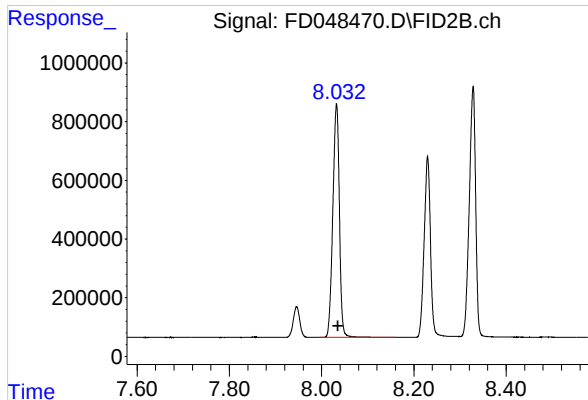
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 7379606
Conc: 39.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.379 min
Delta R.T.: -0.005 min
Response: 9001040
Conc: 54.36 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.032 min
Delta R.T.: -0.003 min
Response: 7873521
Conc: 41.04 ug/ml

Instrument :

FID_D

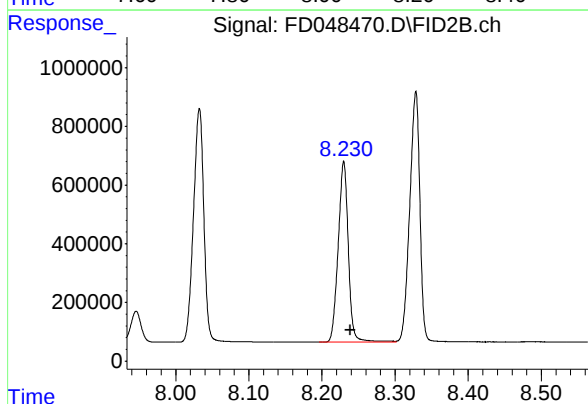
ClientSampleId :

Chamberlain AveMSD

Manual Integrations

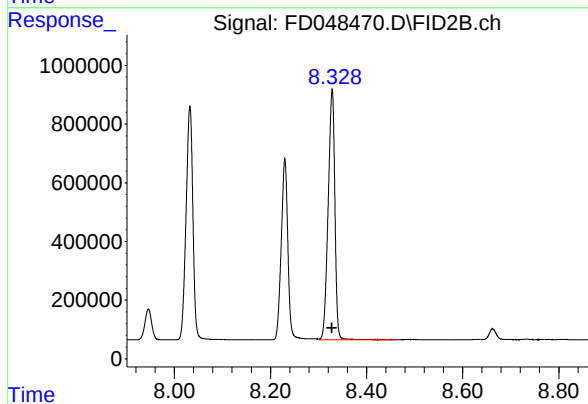
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



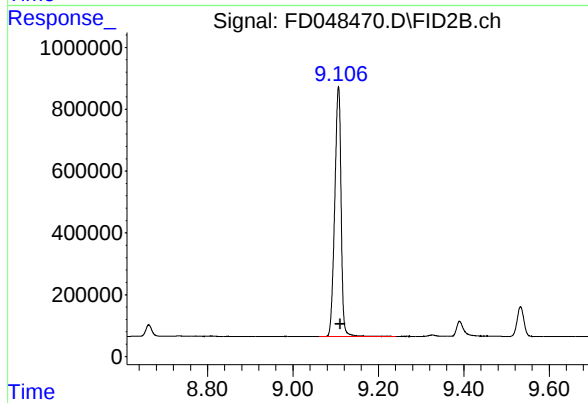
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.230 min
Delta R.T.: -0.009 min
Response: 5945022
Conc: 57.33 ug/ml



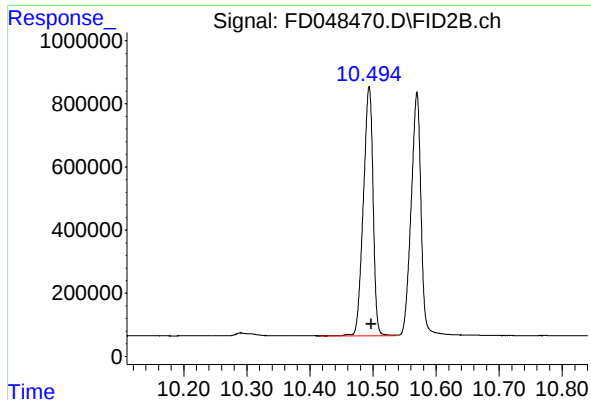
#7 Acenaphthene (C15.5)

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 8259491
Conc: 43.67 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.106 min
Delta R.T.: -0.005 min
Response: 8333993
Conc: 46.13 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.494 min
Delta R.T.: -0.003 min
Response: 8468422
Conc: 47.78 ug/ml

Instrument :

FID_D

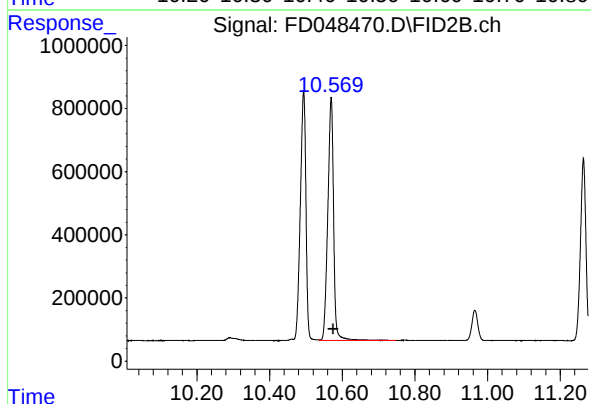
ClientSampleId :

Chamberlain AveMSD

Manual Integrations

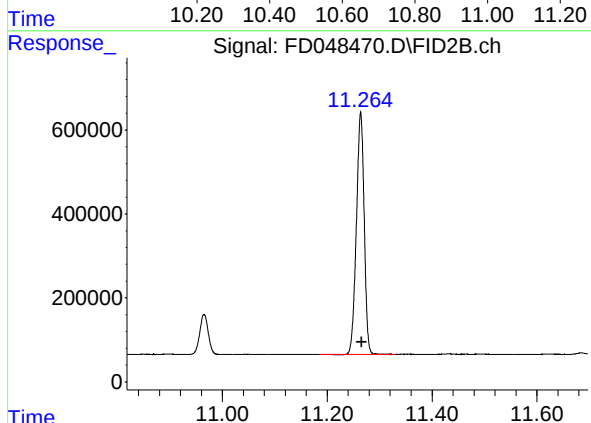
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



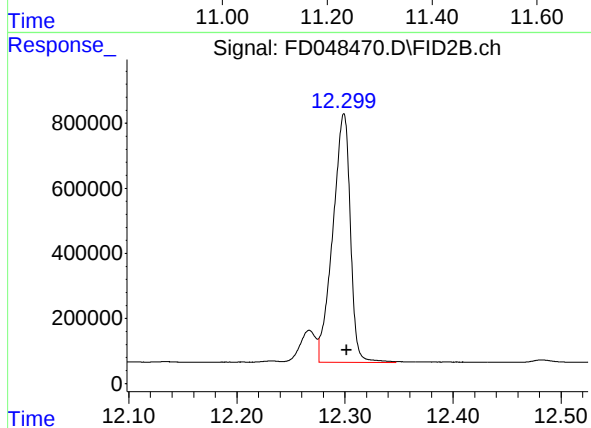
#10 Anthracene (C19.43)

R.T.: 10.569 min
Delta R.T.: -0.006 min
Response: 8539180
Conc: 47.99 ug/ml



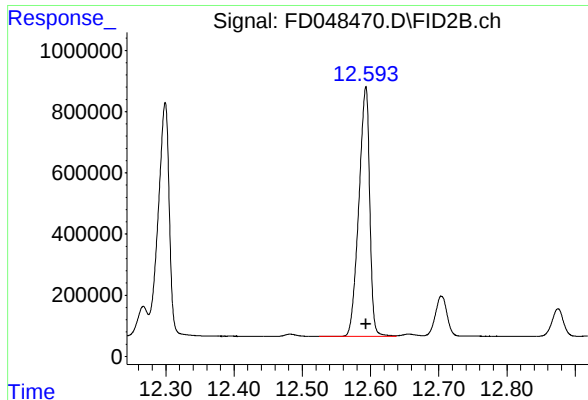
#11 ortho-Terphenyl (SURR)

R.T.: 11.264 min
Delta R.T.: -0.002 min
Response: 5967413
Conc: 32.43 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.299 min
Delta R.T.: -0.003 min
Response: 8598419
Conc: 47.54 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.592 min
Delta R.T.: -0.001 min
Response: 9012549
Conc: 50.33 ug/ml

Instrument :

FID_D

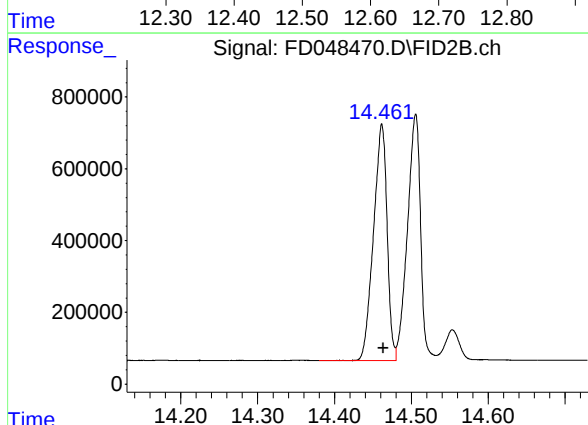
ClientSampleId :

Chamberlain AveMSD

Manual Integrations

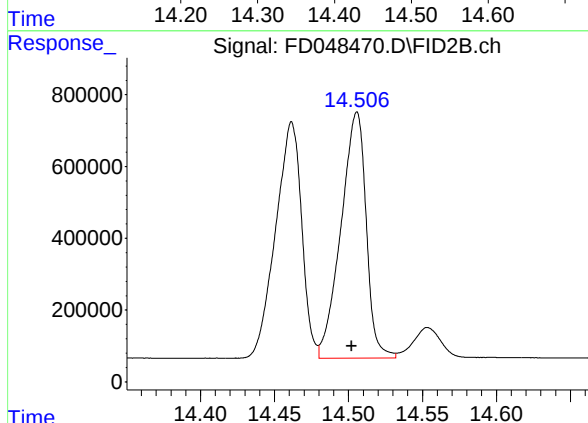
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



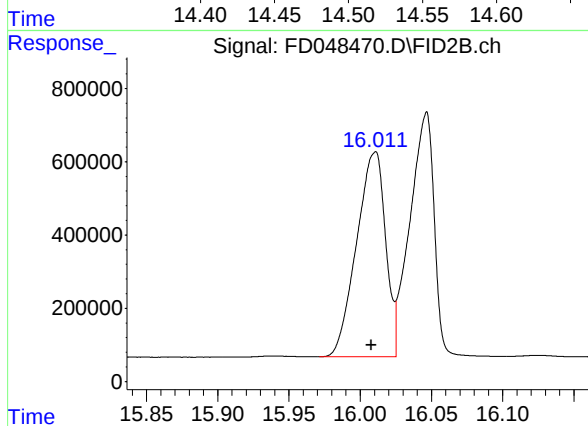
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.461 min
Delta R.T.: -0.002 min
Response: 8079417
Conc: 50.55 ug/ml



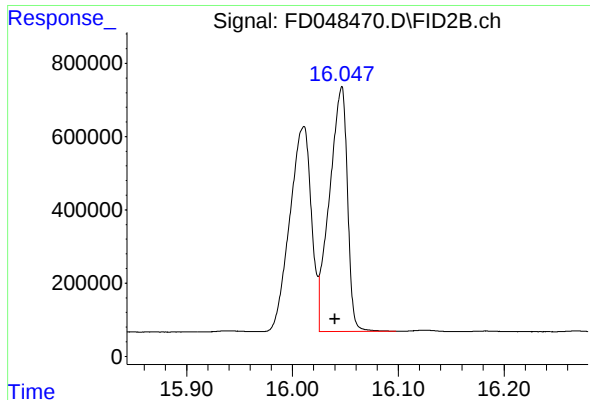
#15 Chrysene (C27.41)

R.T.: 14.505 min
Delta R.T.: 0.003 min
Response: 8146970
Conc: 43.68 ug/ml



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

R.T.: 16.010 min
Delta R.T.: 0.002 min
Response: 7937093
Conc: 47.66 ug/ml



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

R.T.: 16.046 min
Delta R.T.: 0.005 min
Response: 7890783
Conc: 46.49 ug/ml

Instrument :

FID_D

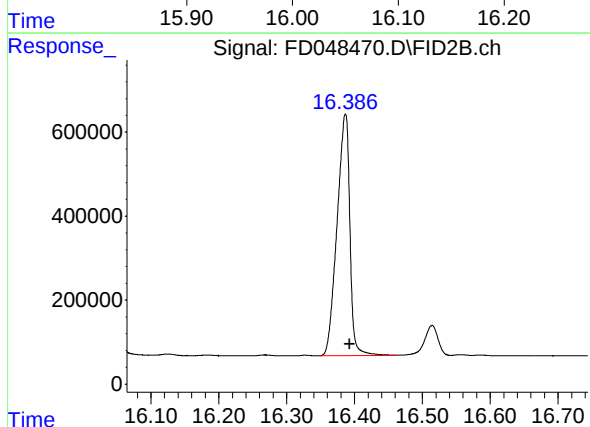
ClientSampleId :

Chamberlain AveMSD

Manual Integrations

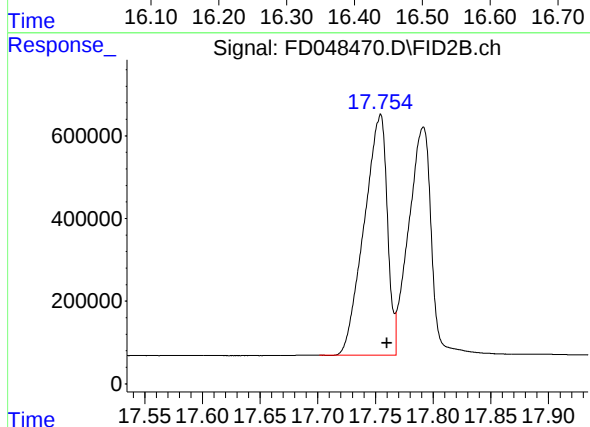
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



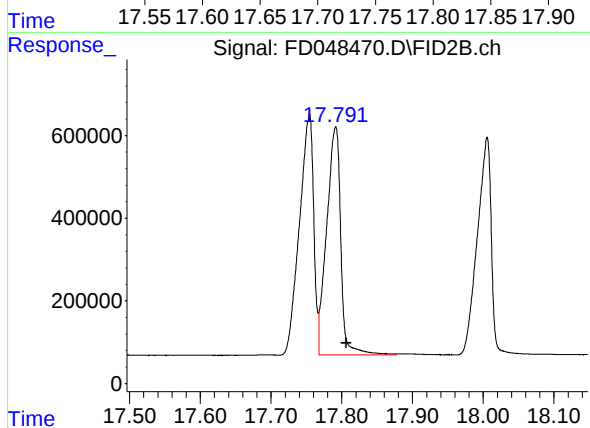
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.007 min
Response: 7585273
Conc: 46.41 ug/ml



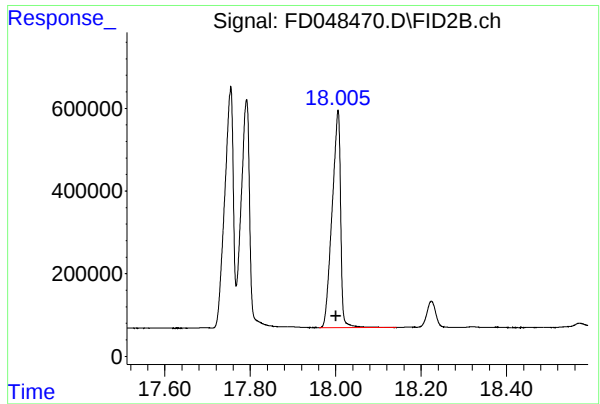
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: -0.007 min
Response: 8136296
Conc: 61.85 ug/ml



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

R.T.: 17.791 min
Delta R.T.: -0.016 min
Response: 7663610
Conc: 45.80 ug/ml



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

R.T.: 18.005 min
Delta R.T.: 0.004 min
Response: 7276693
Conc: 44.80 ug/ml

Instrument :

FID_D

ClientSampleId :

Chamberlain AveMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024