

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048240.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 20:57
 Operator : YP/AJ
 Sample : P3732-03MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

UI-3MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2024

Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e

Quant Time: Aug 30 02:59:37 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M

Quant Title : GC Extractables

QLast Update : Mon Aug 12 16:16:10 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...	7.393	5952935	39.883 ug/ml
Spiked Amount 50.000		Recovery =	79.77%
6) S 2-Fluorobiphenyl (SURR)	8.244	3600827	37.619 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.24%
11) S ortho-Terphenyl (SURR)	11.280	5150791	30.578 ug/ml
Spiked Amount 50.000		Recovery =	61.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.213	3689356	21.644 ug/mlm
2) T Naphthalene (C11.7)	5.733	4536337	26.033 ug/ml
3) T 2-Methylnaphthalene (...)	6.780	4900789	28.181 ug/ml
5) T Acenaphthylene (C15.06)	8.047	5604128	32.548 ug/ml
7) T Acenaphthene (C15.5)	8.341	5335036	30.811 ug/ml
8) T Flouorene (C16.55)	9.120	5862565	35.550 ug/ml
9) T Phenanthrene (C19.36)	10.508	6154604	38.456 ug/ml
10) T Anthracene (C19.43)	10.583	5736944	36.573 ug/ml
12) T Fluoranthene (C21.85)	12.313	7803811	49.015 ug/ml
13) T Pyrene (C20.8)	12.606	6549124	41.731 ug/ml
14) T Benzo[a]anthracene (C...	14.474	6410478	45.508 ug/ml
15) T Chrysene (C27.41)	14.517	6465720	40.563 ug/ml
16) T benzo[b]fluoranthene ...	16.022	7007600	47.199 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.056	6404328	43.171 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.398	6398641	43.448 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.764	7001745	57.280 ug/ml
20) T Dibenz[a,h]anthracene...	17.801	6400260	41.898 ug/ml
21) T Benzo[g,h,i]perylene ...	18.015	6239673	41.319 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
Data File : FD048240.D
Signal(s) : FID2B.ch
Acq On : 29 Aug 2024 20:57
Operator : YP/AJ
Sample : P3732-03MS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

UI-3MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2024

Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e

Quant Time: Aug 30 02:59:37 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M

Quant Title : GC Extractables

QLast Update : Mon Aug 12 16:16:10 2024

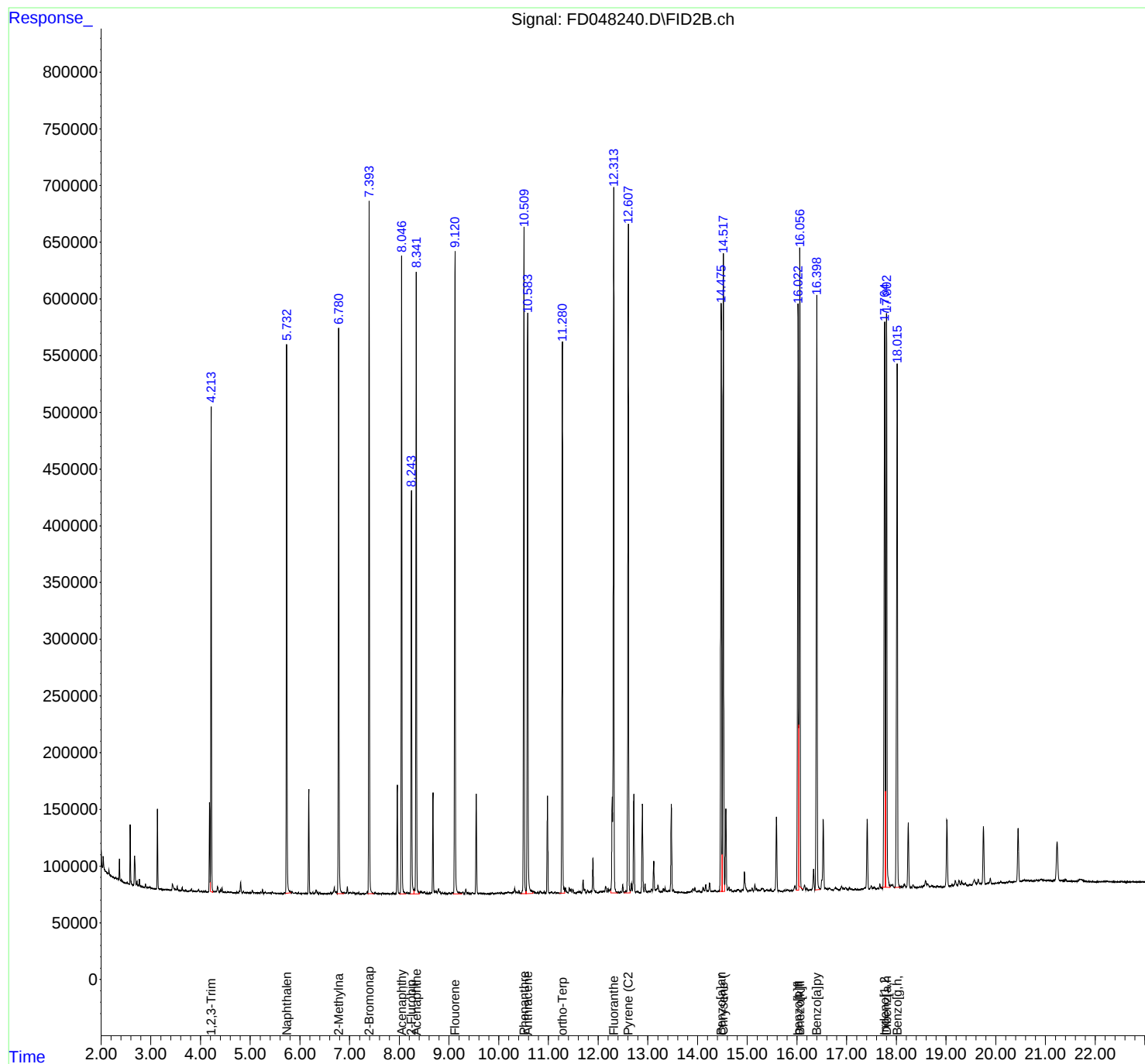
Response via : Initial Calibration

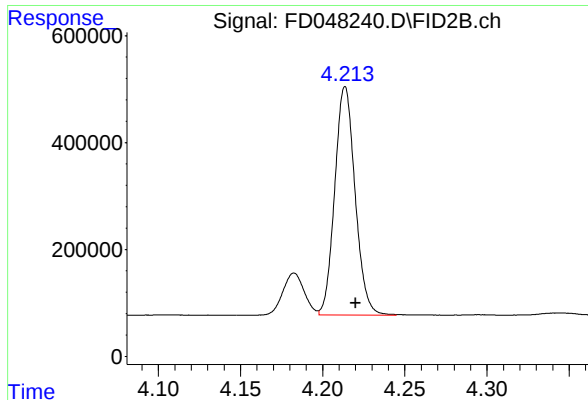
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





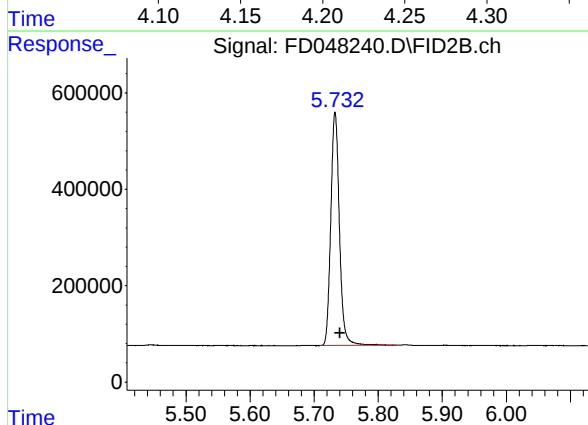
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.213 min
Delta R.T.: -0.007 min
Response: 3689356
Conc: 21.64 ug/ml

Instrument :
FID_D
ClientSampleId :
UI-3MS

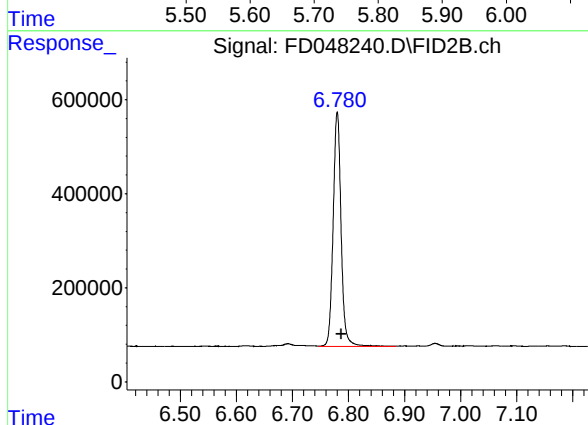
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/30/2024
Supervised By :Ankita Jodhani 09/03/2024



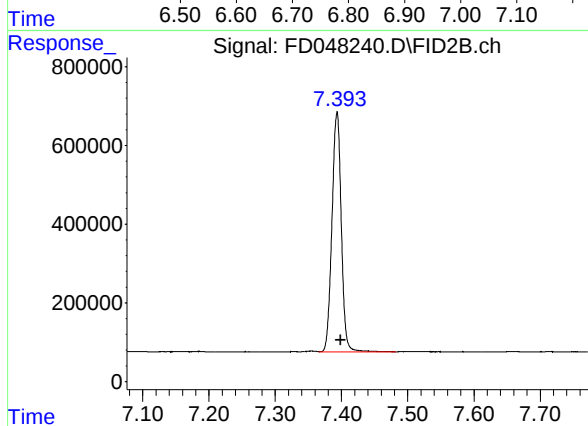
#2 Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: -0.007 min
Response: 4536337
Conc: 26.03 ug/ml



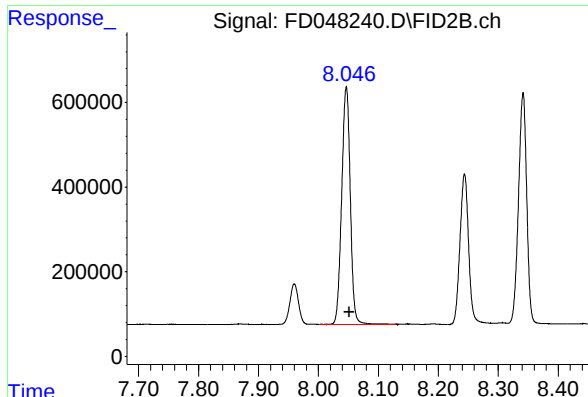
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.780 min
Delta R.T.: -0.007 min
Response: 4900789
Conc: 28.18 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.393 min
Delta R.T.: -0.005 min
Response: 5952935
Conc: 39.88 ug/ml



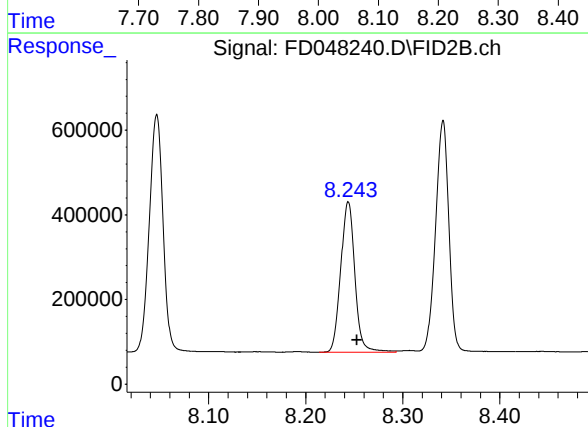
#5 Acenaphthylene (C15.06)

R.T.: 8.047 min
Delta R.T.: -0.005 min
Response: 5604128
Conc: 32.55 ug/ml

Instrument :
FID_D
ClientSampleId :
UI-3MS

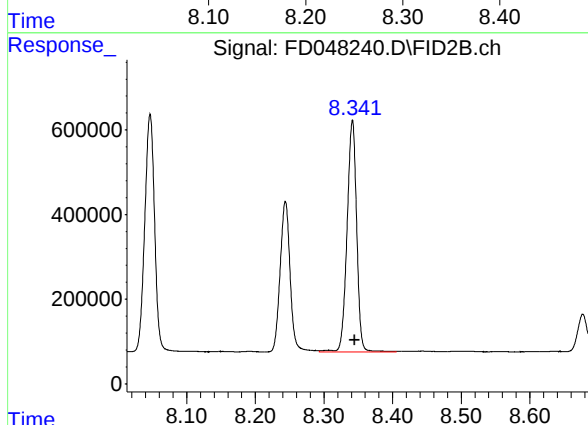
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/30/2024
Supervised By :Ankita Jodhani 09/03/2024



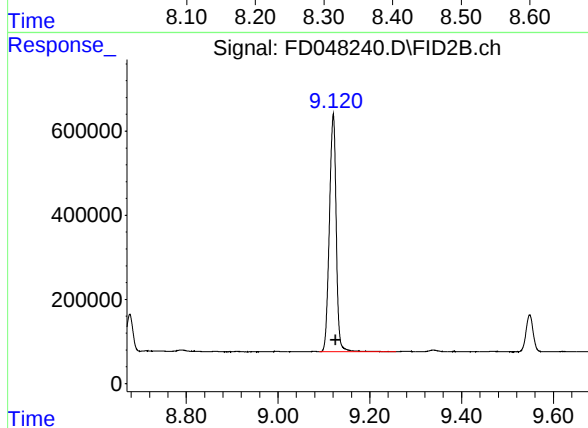
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.244 min
Delta R.T.: -0.009 min
Response: 3600827
Conc: 37.62 ug/ml



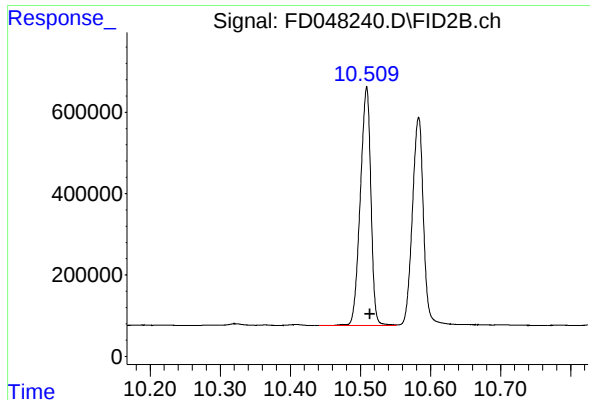
#7 Acenaphthene (C15.5)

R.T.: 8.341 min
Delta R.T.: -0.004 min
Response: 5335036
Conc: 30.81 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.120 min
Delta R.T.: -0.006 min
Response: 5862565
Conc: 35.55 ug/ml



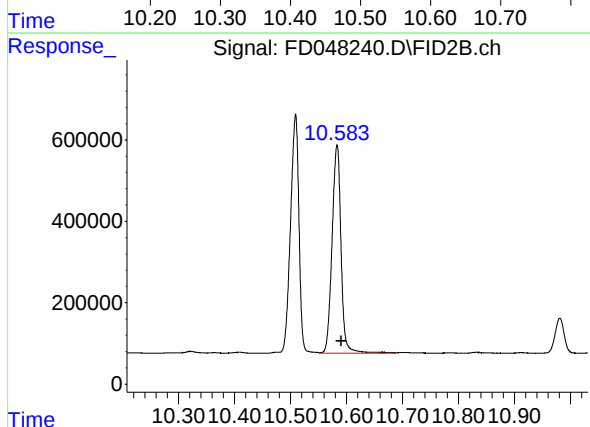
#9 Phenanthrene (C19.36)

R.T.: 10.508 min
Delta R.T.: -0.005 min
Response: 6154604
Conc: 38.46 ug/ml

Instrument :
FID_D
ClientSampleId :
UI-3MS

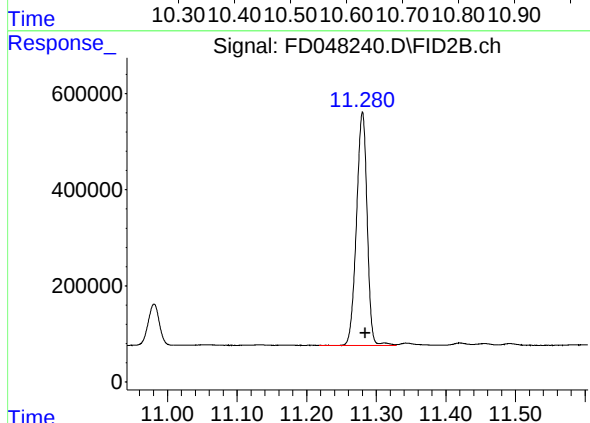
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/30/2024
Supervised By :Ankita Jodhani 09/03/2024



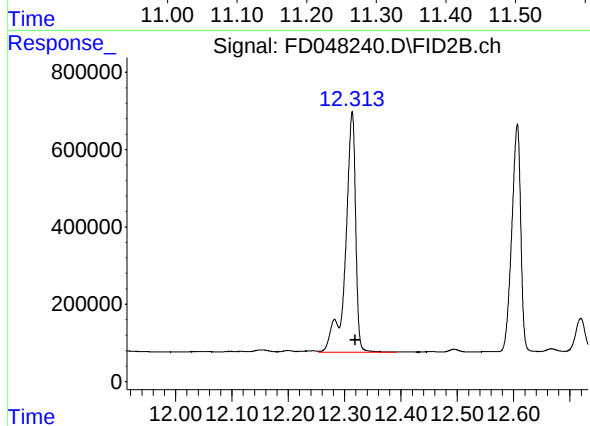
#10 Anthracene (C19.43)

R.T.: 10.583 min
Delta R.T.: -0.008 min
Response: 5736944
Conc: 36.57 ug/ml



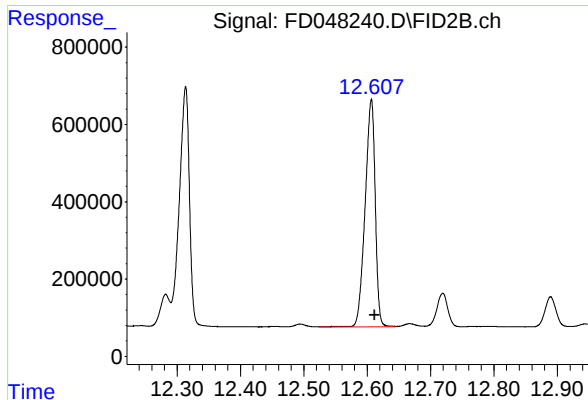
#11 ortho-Terphenyl (SURR)

R.T.: 11.280 min
Delta R.T.: -0.004 min
Response: 5150791
Conc: 30.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.313 min
Delta R.T.: -0.006 min
Response: 7803811
Conc: 49.01 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.606 min
Delta R.T.: -0.006 min
Response: 6549124
Conc: 41.73 ug/ml

Instrument :

FID_D

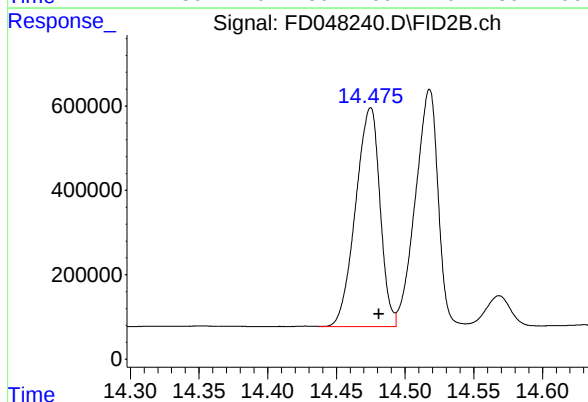
ClientSampleId :

UI-3MS

Manual Integrations

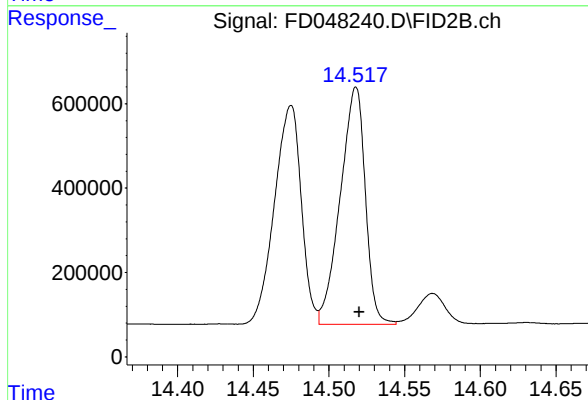
APPROVED

Reviewed By :Yogesh Patel 08/30/2024
Supervised By :Ankita Jodhani 09/03/2024



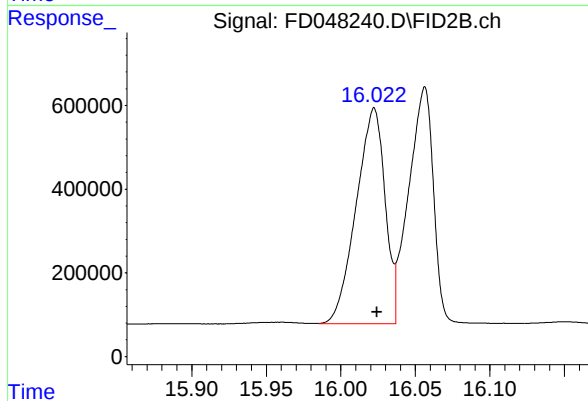
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: -0.007 min
Response: 6410478
Conc: 45.51 ug/ml



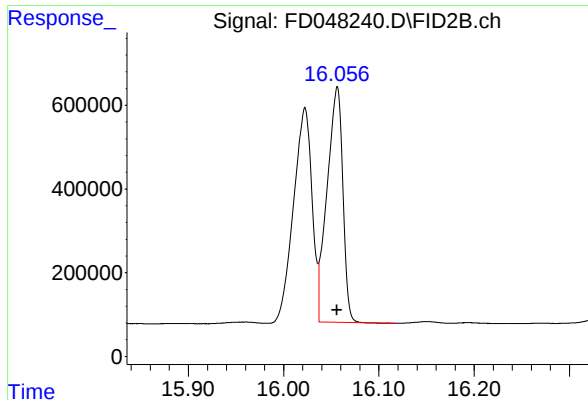
#15 Chrysene (C27.41)

R.T.: 14.517 min
Delta R.T.: -0.003 min
Response: 6465720
Conc: 40.56 ug/ml



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

R.T.: 16.022 min
Delta R.T.: -0.002 min
Response: 7007600
Conc: 47.20 ug/ml m



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

R.T.: 16.056 min
Delta R.T.: 0.000 min
Response: 6404328
Conc: 43.17 ug/ml

Instrument :

FID_D

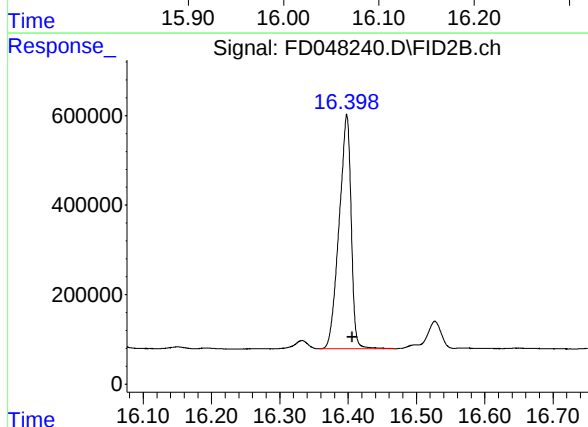
ClientSampleId :

UI-3MS

Manual Integrations

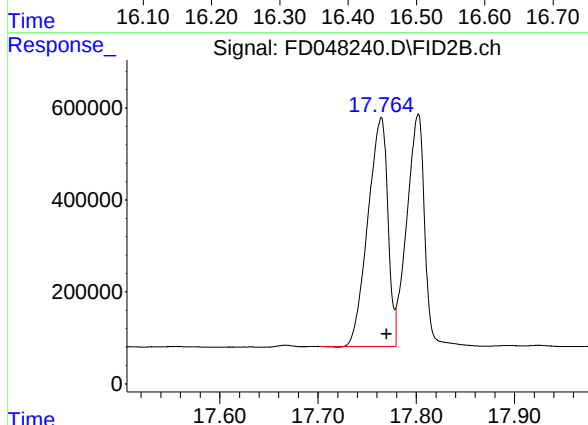
APPROVED

Reviewed By :Yogesh Patel 08/30/2024
Supervised By :Ankita Jodhani 09/03/2024



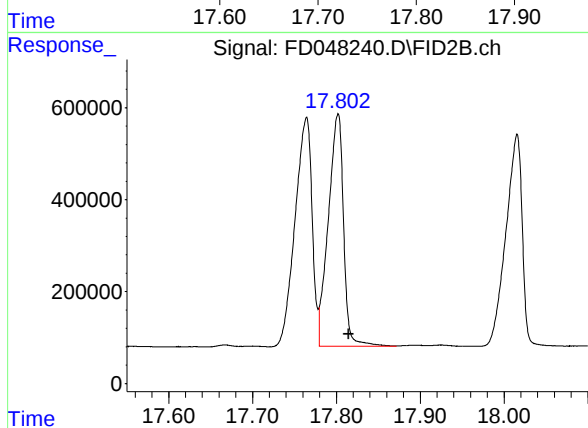
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.398 min
Delta R.T.: -0.009 min
Response: 6398641
Conc: 43.45 ug/ml



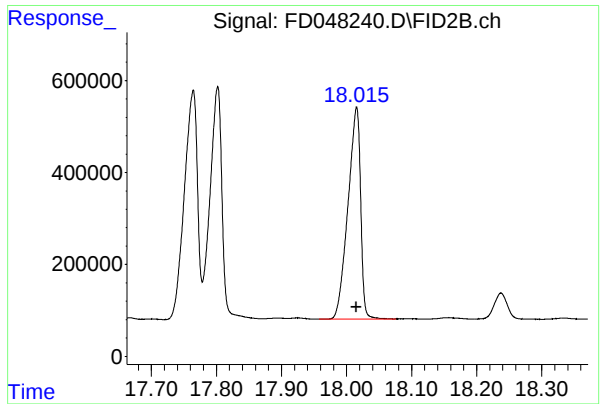
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.764 min
Delta R.T.: -0.006 min
Response: 7001745
Conc: 57.28 ug/ml



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

R.T.: 17.801 min
Delta R.T.: -0.013 min
Response: 6400260
Conc: 41.90 ug/ml



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

R.T.: 18.015 min
Delta R.T.: 0.000 min
Response: 6239673
Conc: 41.32 ug/ml

Instrument :

FID_D

ClientSampleId :

UI-3MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2024
Supervised By :Ankita Jodhani 09/03/2024