

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047660.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2024 22:58
 Operator : YP/AJ
 Sample : P2390-05MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PE-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :Ankita Jodhani 05/08/2024

Integration File: autoint1.e

Quant Time: May 08 03:35:07 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 17:13:11 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...	7.462	7072954	45.100 ug/ml
Spiked Amount 50.000		Recovery =	90.20%
6) S 2-Fluorobiphenyl (SURR)	8.316	4550379	43.502 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.00%
11) S ortho-Terphenyl (SURR)	11.355	4586562	24.457 ug/ml
Spiked Amount 50.000		Recovery =	48.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	5493480	33.978 ug/ml
2) T Naphthalene (C11.7)	5.799	6213407	36.721 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	6322183	37.115 ug/ml
5) T Acenaphthylene (C15.06)	8.120	6622483	40.608 ug/ml
7) T Acenaphthene (C15.5)	8.415	6535324	38.879 ug/ml
8) T Flouorene (C16.55)	9.194	6863548	41.261 ug/ml
9) T Phenanthrene (C19.36)	10.585	7239842	44.222 ug/ml
10) T Anthracene (C19.43)	10.660	7144984	47.702 ug/ml
12) T Fluoranthene (C21.85)	12.393	7454161	44.923 ug/ml
13) T Pyrene (C20.8)	12.687	7585896	46.622 ug/ml
14) T Benzo[a]anthracene (C...	14.556	7130343	48.847 ug/ml
15) T Chrysene (C27.41)	14.601	7072108	44.878 ug/ml
16) T benzo[b]fluoranthene ...	16.104	6955771	46.571 ug/ml
17) T Bnezo[k]fluoranthene ...	16.139	6889614	45.763 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.482	6760542	46.853 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.846	7100615	52.318 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	6549557	45.745 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	6378543	46.458 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
Data File : FD047660.D
Signal(s) : FID2B.ch
Acq On : 07 May 2024 22:58
Operator : YP/AJ
Sample : P2390-05MS
Misc :
ALS Vial : 69 Sample Multiplier: 1

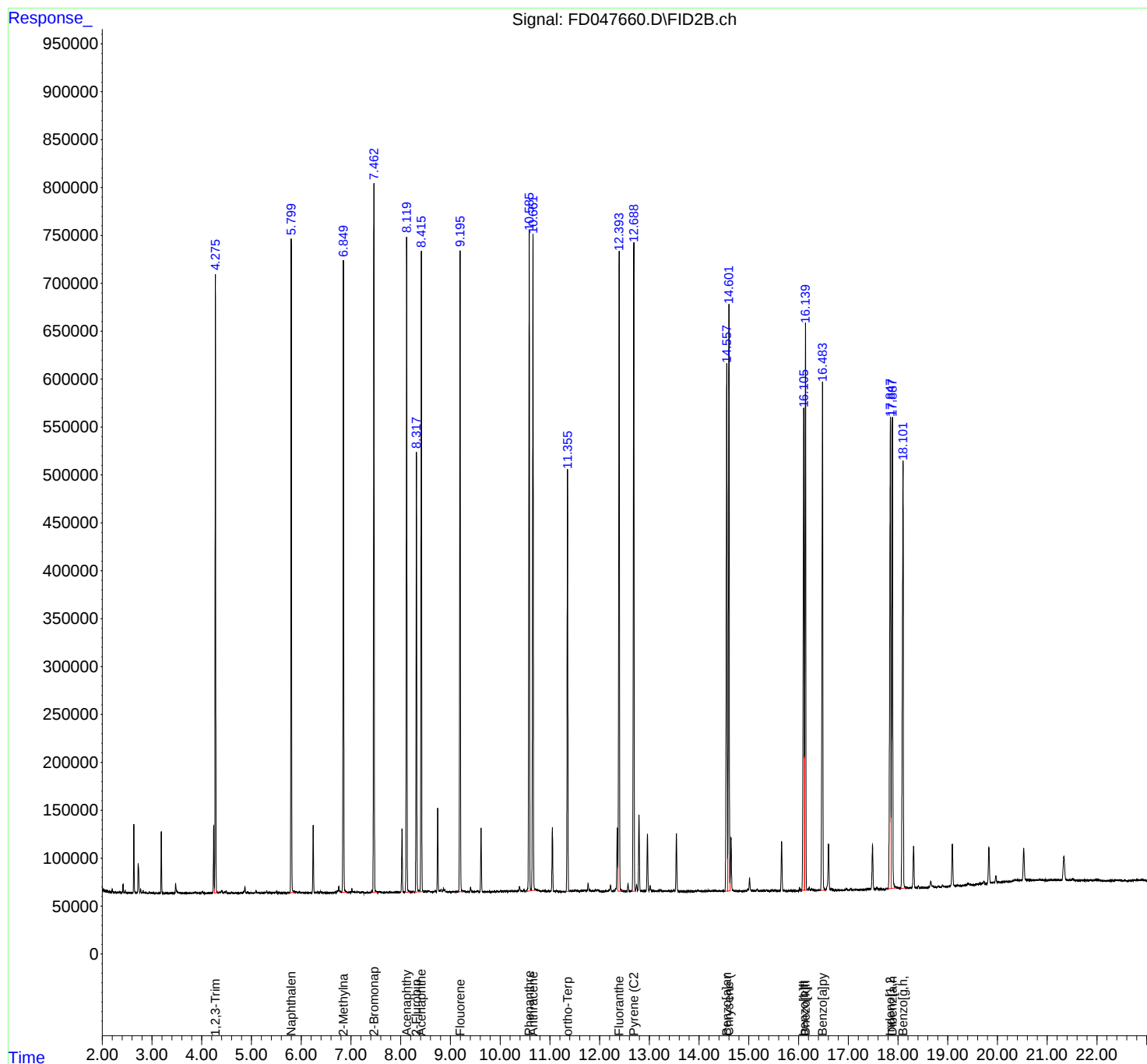
Instrument :
FID_D
ClientSampleId :
PE-1MS

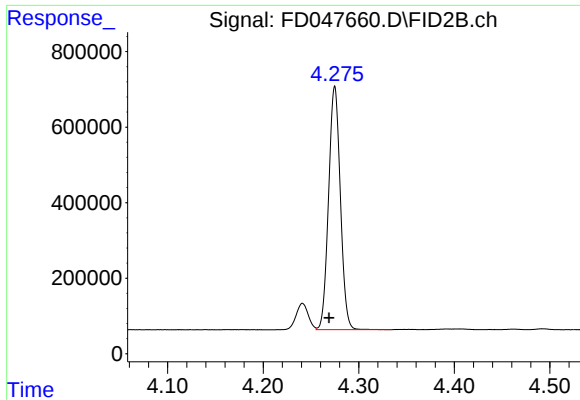
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024

Integration File: autoint1.e
Quant Time: May 08 03:35:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 17:13:11 2024
Response via : Initial Calibration
Integrator: ChemStation

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





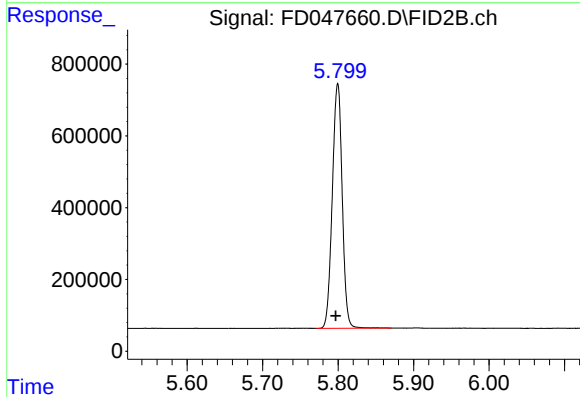
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 5493480
Conc: 33.98 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1MS

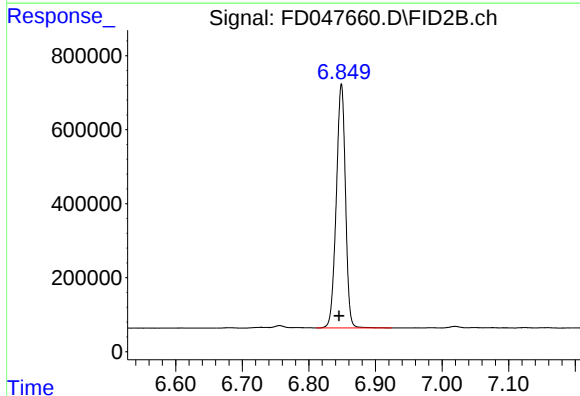
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024



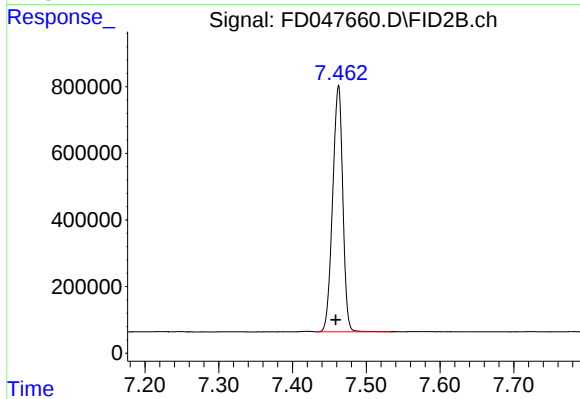
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.003 min
Response: 6213407
Conc: 36.72 ug/ml



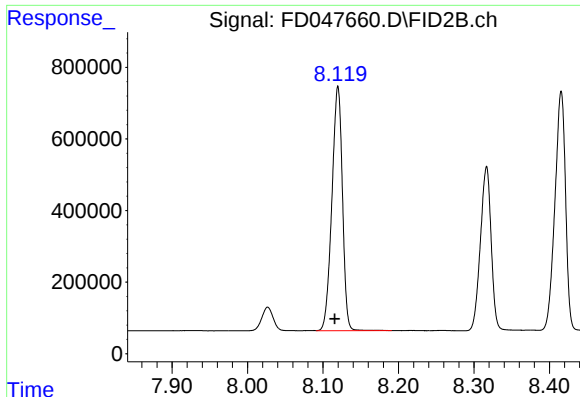
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.003 min
Response: 6322183
Conc: 37.11 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.462 min
Delta R.T.: 0.004 min
Response: 7072954
Conc: 45.10 ug/ml



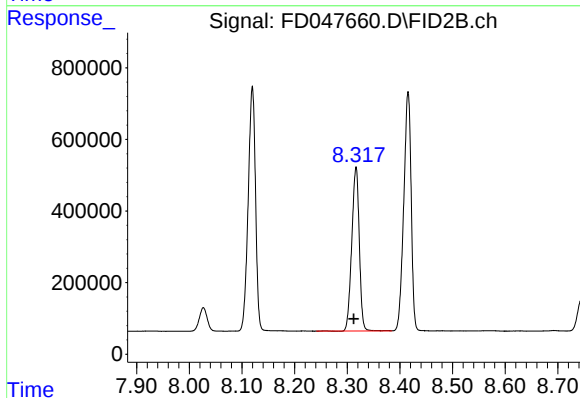
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 6622483
Conc: 40.61 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1MS

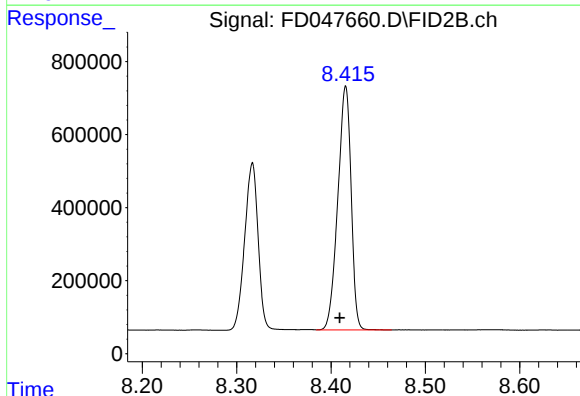
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024



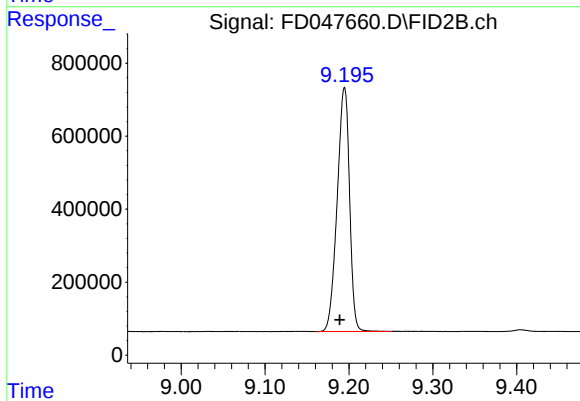
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.004 min
Response: 4550379
Conc: 43.50 ug/ml



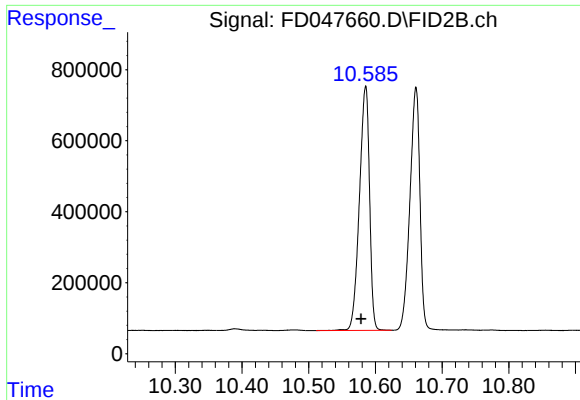
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: 0.006 min
Response: 6535324
Conc: 38.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.194 min
Delta R.T.: 0.006 min
Response: 6863548
Conc: 41.26 ug/ml



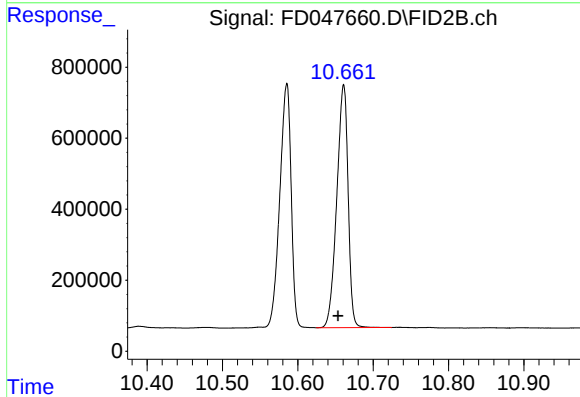
#9 Phenanthrene (C19.36)

R.T.: 10.585 min
Delta R.T.: 0.007 min
Response: 7239842
Conc: 44.22 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1MS

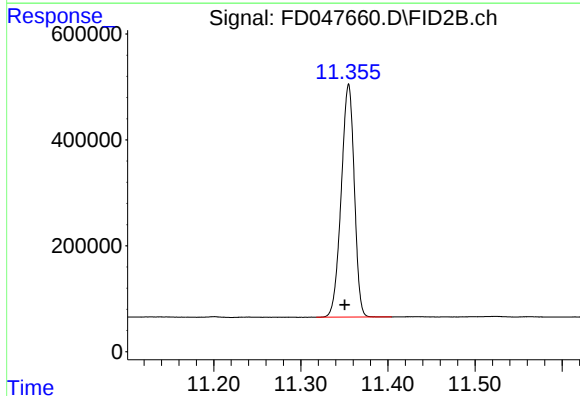
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024



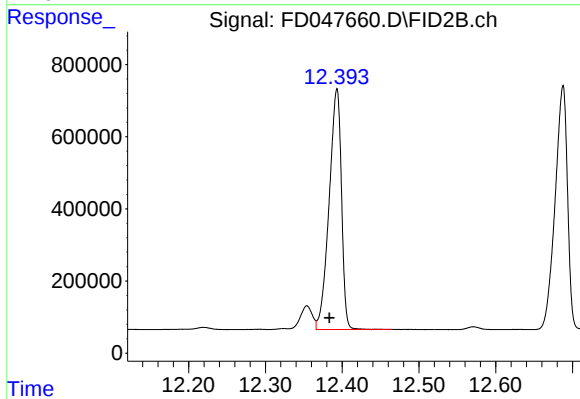
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.007 min
Response: 7144984
Conc: 47.70 ug/ml



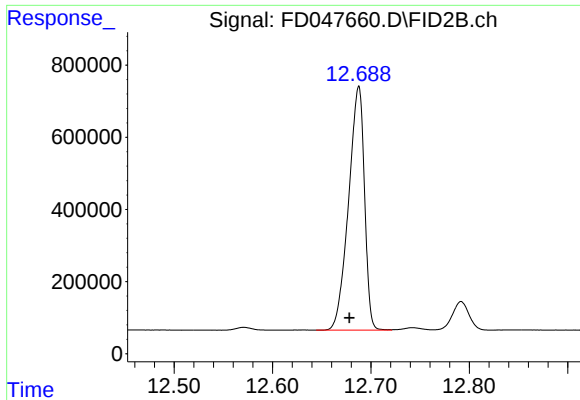
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.004 min
Response: 4586562
Conc: 24.46 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.393 min
Delta R.T.: 0.009 min
Response: 7454161
Conc: 44.92 ug/ml



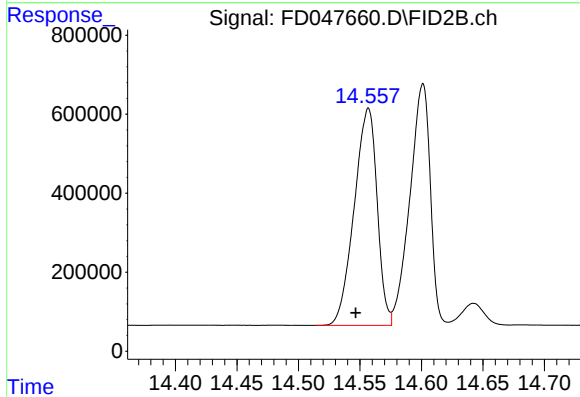
#13 Pyrene (C20.8)

R.T.: 12.687 min
Delta R.T.: 0.009 min
Response: 7585896
Conc: 46.62 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1MS

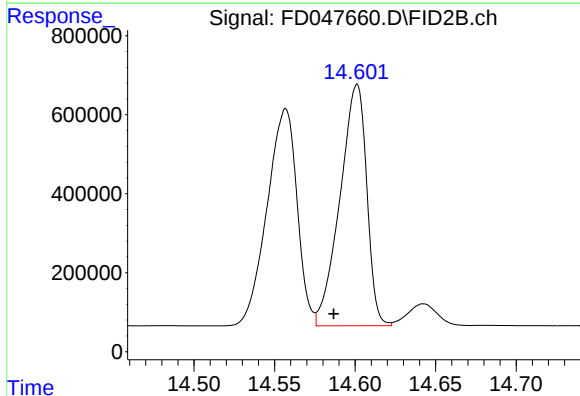
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024



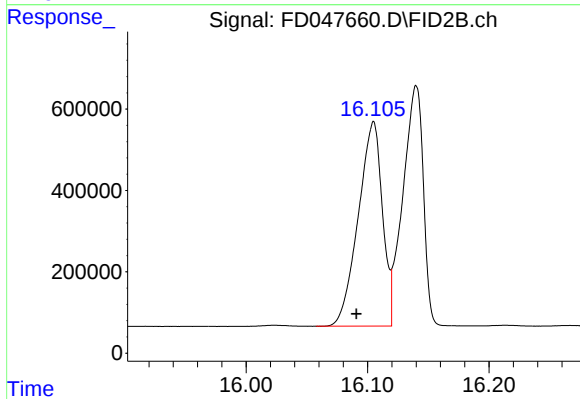
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.556 min
Delta R.T.: 0.010 min
Response: 7130343
Conc: 48.85 ug/ml



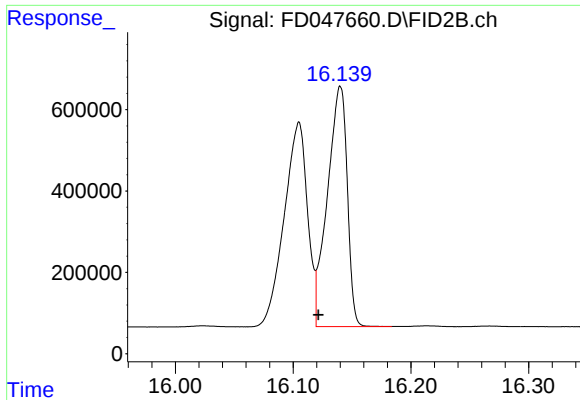
#15 Chrysene (C27.41)

R.T.: 14.601 min
Delta R.T.: 0.014 min
Response: 7072108
Conc: 44.88 ug/ml



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

R.T.: 16.104 min
Delta R.T.: 0.013 min
Response: 6955771
Conc: 46.57 ug/ml



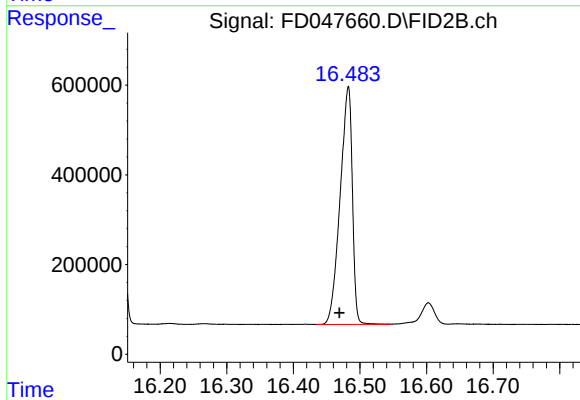
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.139 min
Delta R.T.: 0.018 min
Response: 6889614
Conc: 45.76 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1MS

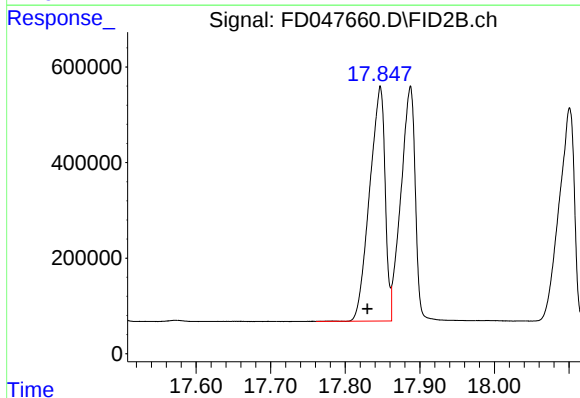
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024



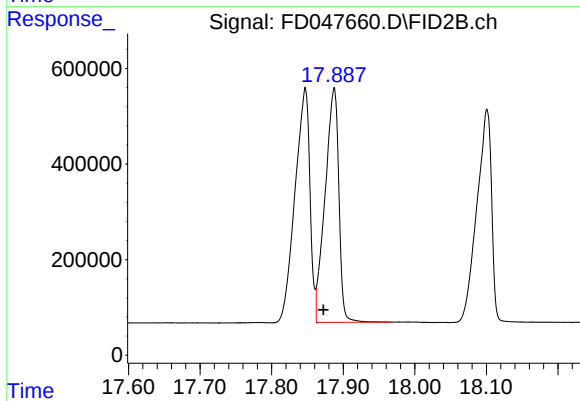
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: 0.013 min
Response: 6760542
Conc: 46.85 ug/ml



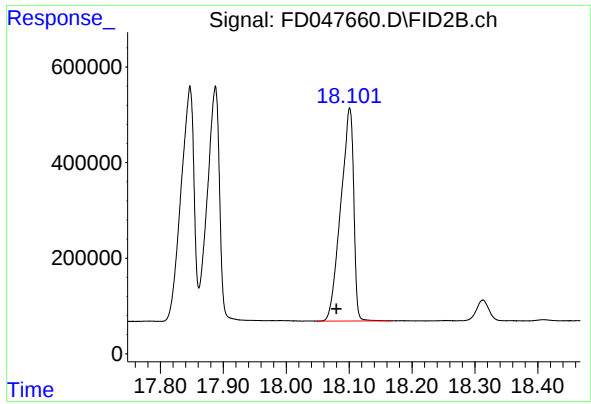
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.846 min
Delta R.T.: 0.017 min
Response: 7100615
Conc: 52.32 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.014 min
Response: 6549557
Conc: 45.75 ug/ml



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

R.T.: 18.100 min
Delta R.T.: 0.020 min
Response: 6378543
Conc: 46.46 ug/ml

Instrument :

FID_D

ClientSampleId :

PE-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :Ankita Jodhani 05/08/2024