

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020924\
 Data File : PD081255.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2024 16:04
 Operator : AR\AJ
 Sample : PB158942BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB158942BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/12/2024
 Supervised By :Ankita Jodhani 02/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 21:44:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.567	2.795	37929782	64380551	26.719	26.913
28)	SA Decachlor...	9.115	7.932	51140072	67329550	25.412	25.278
Target Compounds							
2)	A alpha-BHC	4.023	3.296	130.8E6	201.5E6	52.657	52.518
3)	MA gamma-BHC...	4.357	3.625	125.6E6	190.5E6	51.328	50.938
4)	MA Heptachlor	4.950	3.966	127.1E6	177.0E6	51.541	51.329
5)	MB Aldrin	5.294	4.247	124.3E6	180.6E6	50.655	49.588
6)	B beta-BHC	4.552	3.921	52777290	78610945	52.159	50.308
7)	B delta-BHC	4.801	4.151	127.9E6	187.8E6	50.978	50.048
8)	B Heptachlo...	5.719	4.748	113.6E6	165.1E6	50.725	49.280
9)	A Endosulfan I	6.107	5.118	107.1E6	155.2E6	51.633	50.679
10)	B gamma-Chl...	5.976	4.998	114.9E6	168.0E6	52.469	51.352
11)	B alpha-Chl...	6.056	5.062	112.9E6	164.7E6	51.834	50.372
12)	B 4,4'-DDE	6.227	5.250	108.7E6	157.4E6	53.394	51.384
13)	MA Dieldrin	6.382	5.382	115.0E6	172.4E6	52.021	50.687
14)	MA Endrin	6.611	5.658	85304790	138.7E6	45.672m	46.796
15)	B Endosulfa...	6.831	5.950	99802801	149.6E6	51.540	52.021
16)	A 4,4'-DDD	6.744	5.804	88550206	138.1E6	53.891	52.601
17)	MA 4,4'-DDT	7.059	6.055	88135005	126.1E6	49.489	47.541
18)	B Endrin al...	6.961	6.129	78180833	116.4E6	51.396	51.633
19)	B Endosulfa...	7.196	6.352	94879103	142.8E6	49.969	51.208
20)	A Methoxychlor	7.533	6.629	44487452	66504000	43.222	42.488
21)	B Endrin ke...	7.682	6.857	109.4E6	172.4E6	52.318	53.417
22)	Mirex	8.158	7.041	79572210	123.2E6	48.244	48.870

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020924\
Data File : PD081255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Feb 2024 16:04
Operator : AR\AJ
Sample : PB158942BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB158942BS

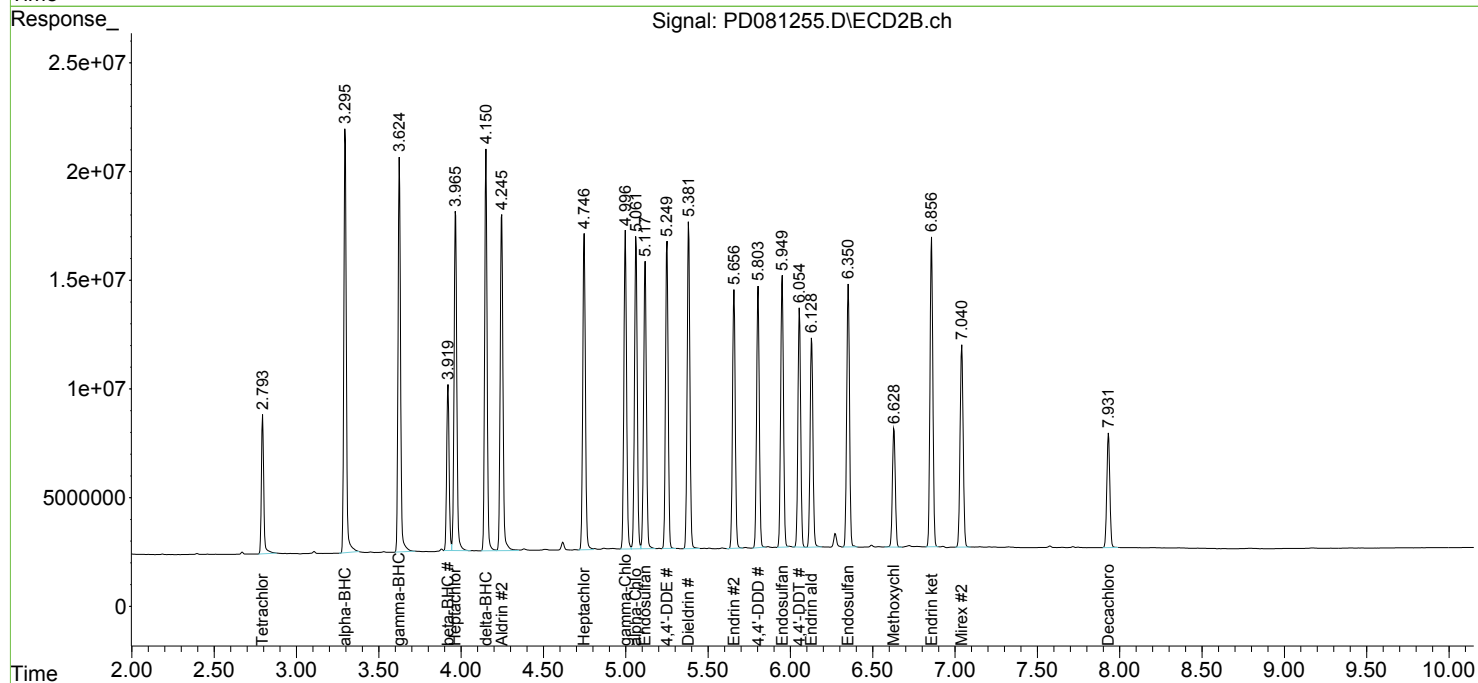
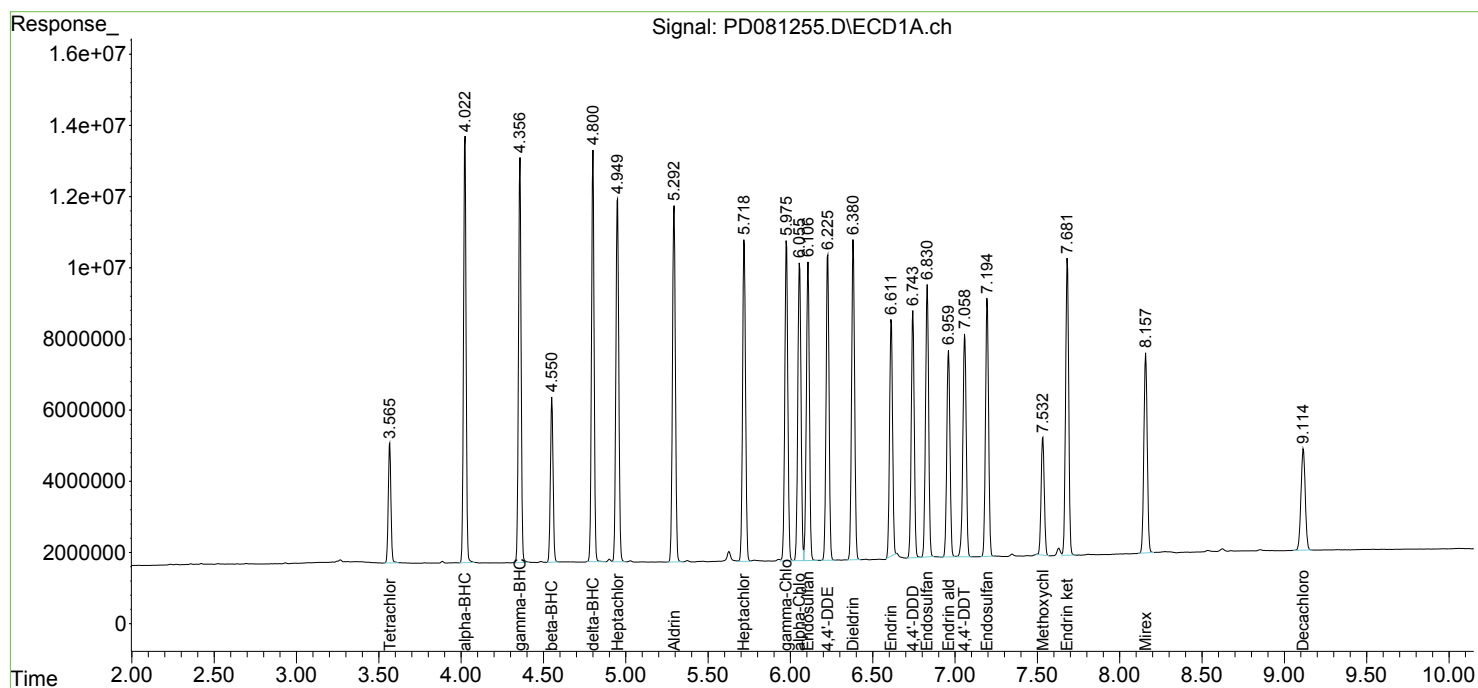
Manual Integrations

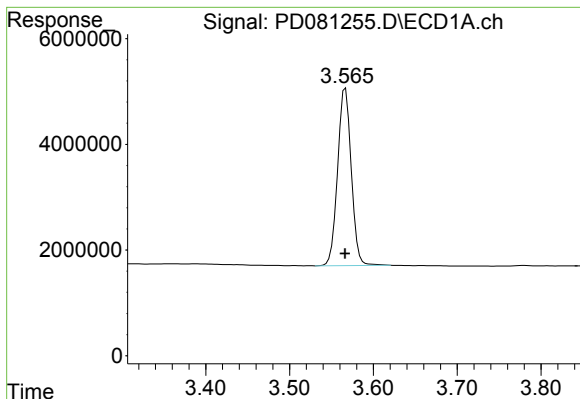
APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 09 21:44:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 37929782
Conc: 26.72 ng/ml

Instrument :

ECD_D

ClientSampleId :

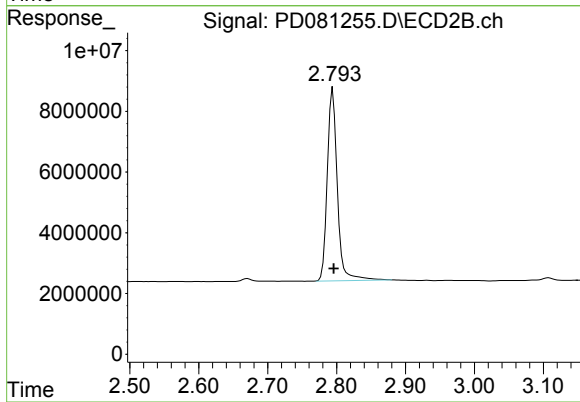
PB158942BS

Manual Integrations

APPROVED

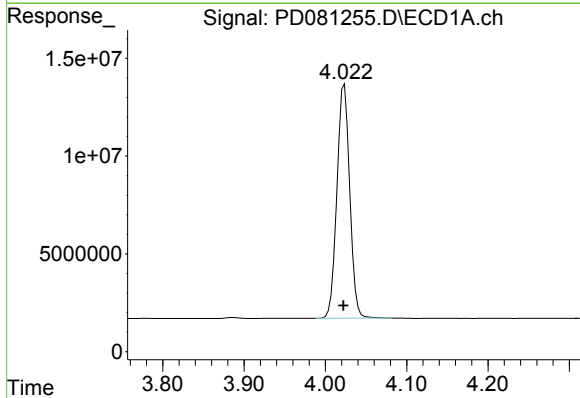
Reviewed By :Abdul Mirza 02/12/2024

Supervised By :Ankita Jodhani 02/12/2024



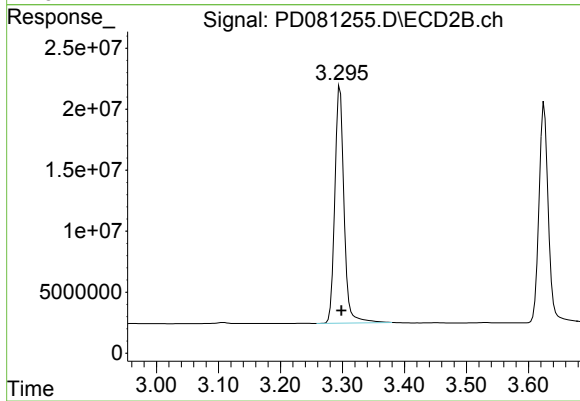
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 64380551
Conc: 26.91 ng/ml



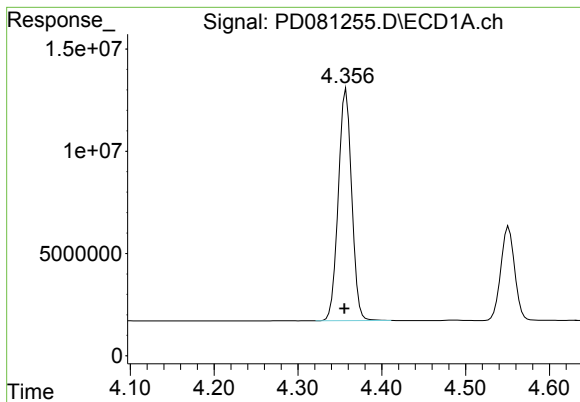
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.001 min
Response: 130791778
Conc: 52.66 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 201516086
Conc: 52.52 ng/ml



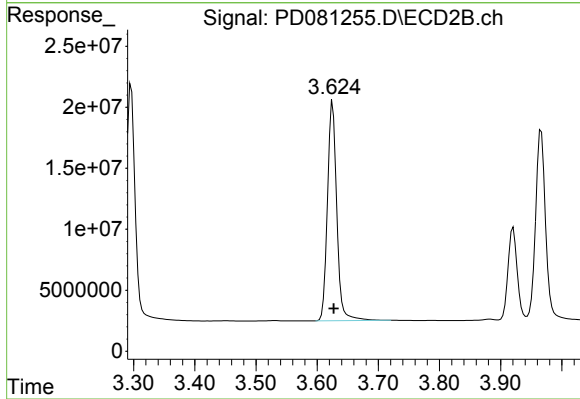
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.002 min
Response: 125632087
Conc: 51.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158942BS

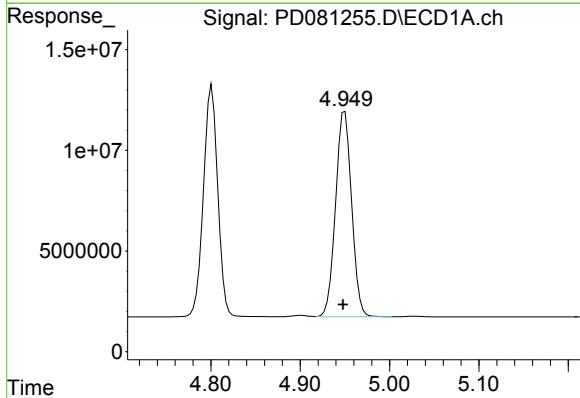
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024



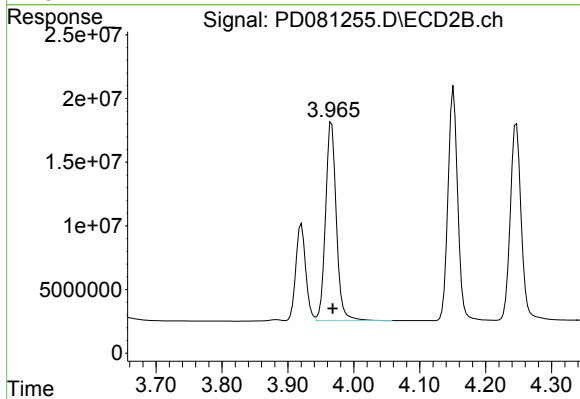
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 190453104
Conc: 50.94 ng/ml



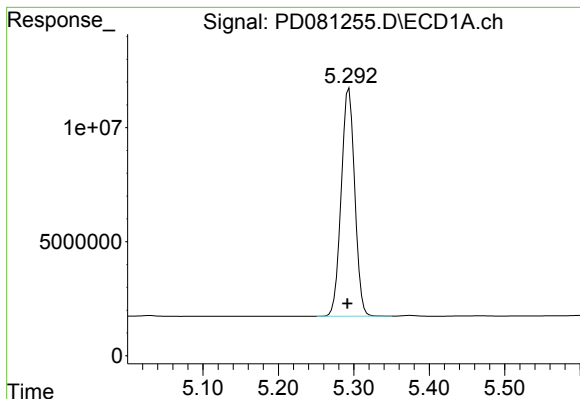
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.002 min
Response: 127118306
Conc: 51.54 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 176986040
Conc: 51.33 ng/ml



#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.002 min
Response: 124337748
Conc: 50.65 ng/ml

Instrument :

ECD_D

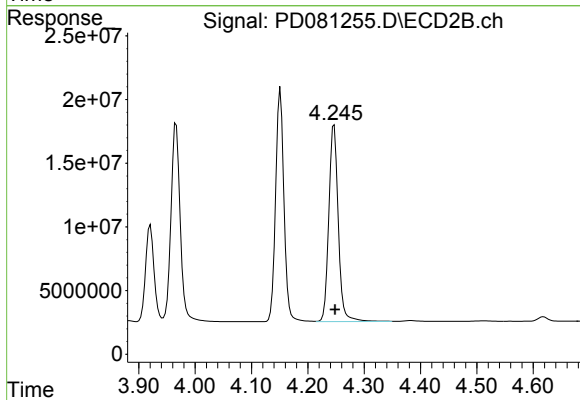
ClientSampleId :

PB158942BS

Manual Integrations

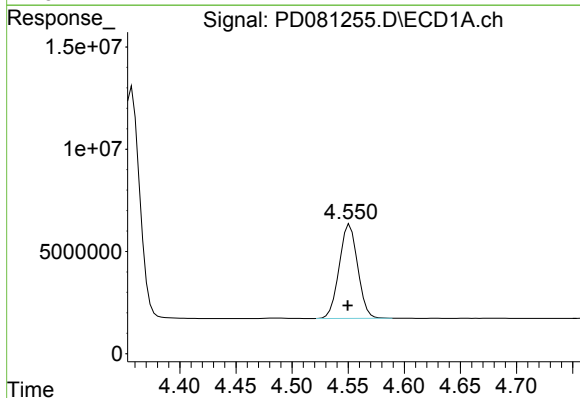
APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024



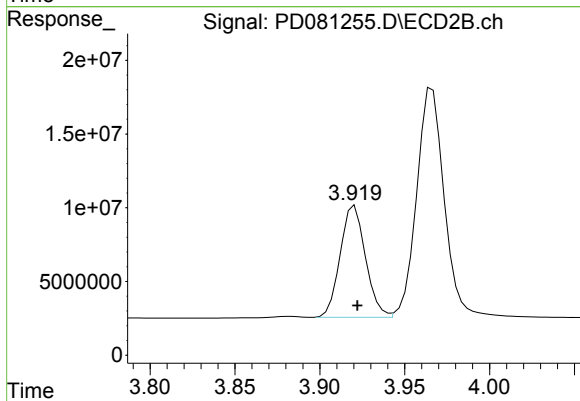
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 180599672
Conc: 49.59 ng/ml



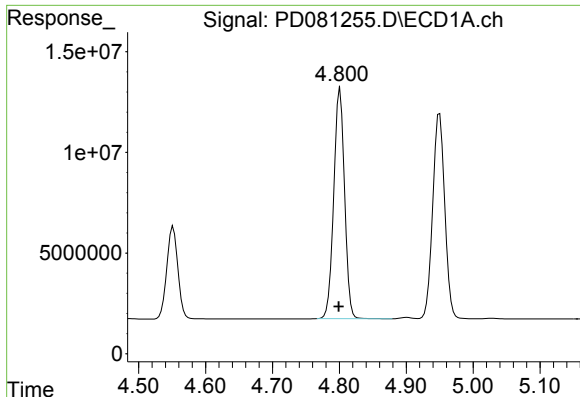
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.002 min
Response: 52777290
Conc: 52.16 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.002 min
Response: 78610945
Conc: 50.31 ng/ml



#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.002 min
Response: 127893647
Conc: 50.98 ng/ml

Instrument :

ECD_D

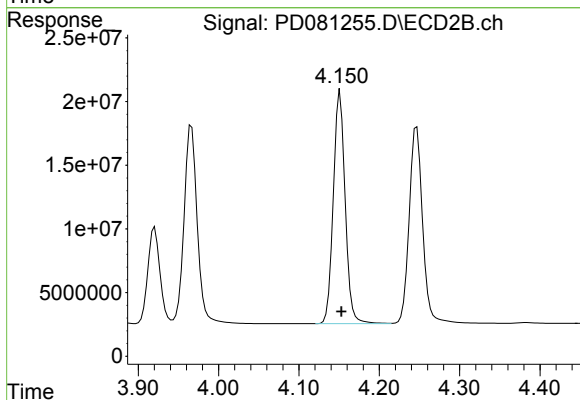
ClientSampleId :

PB158942BS

Manual Integrations

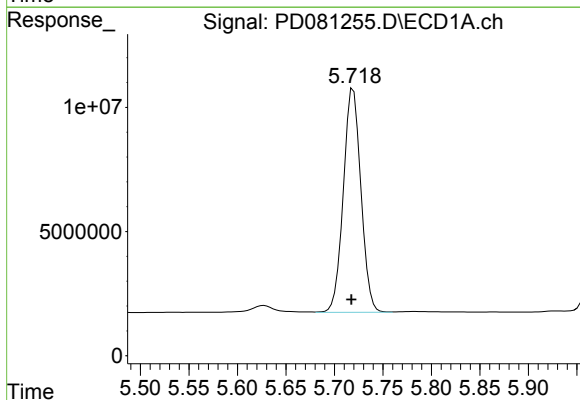
APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024



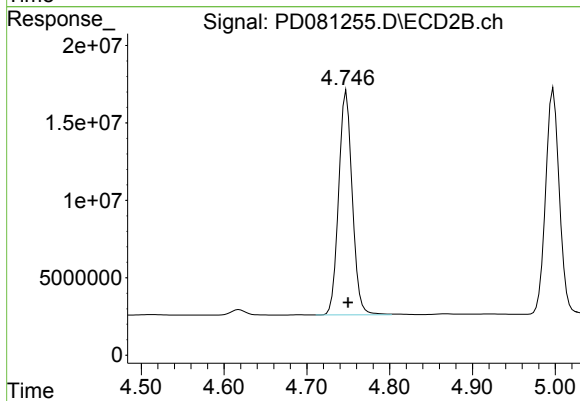
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 187831606
Conc: 50.05 ng/ml



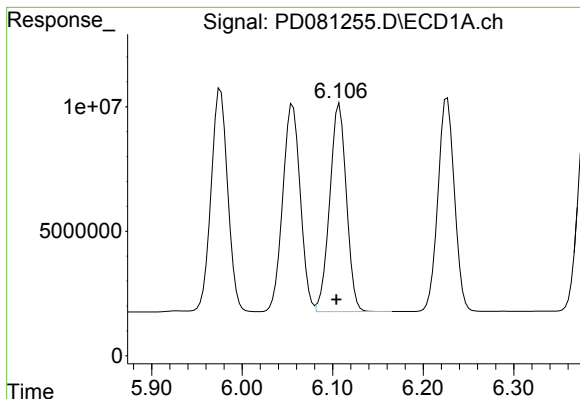
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.002 min
Response: 113583765
Conc: 50.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 165062941
Conc: 49.28 ng/ml



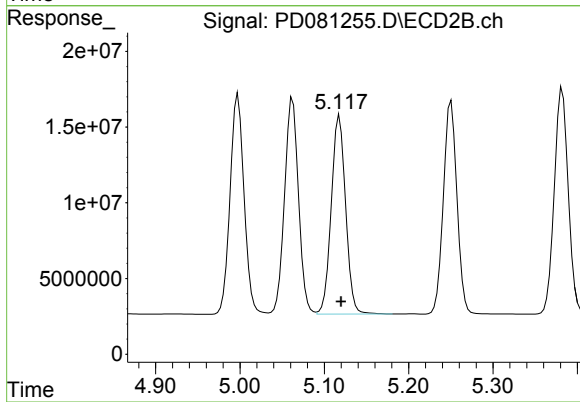
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.003 min
Response: 107089499
Conc: 51.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158942BS

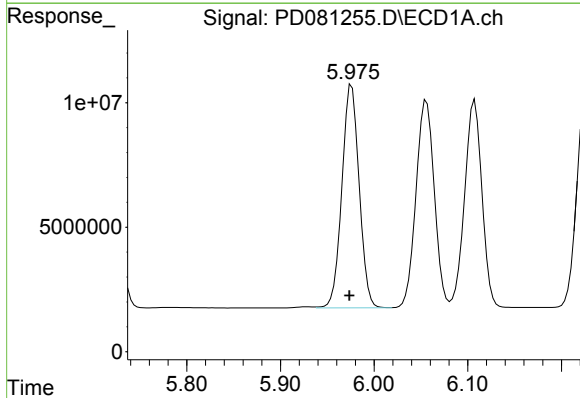
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024



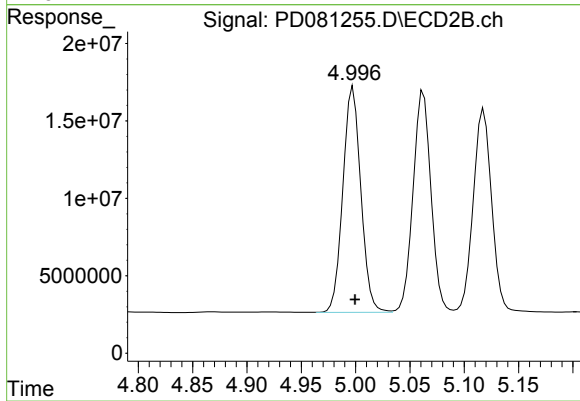
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 155219068
Conc: 50.68 ng/ml



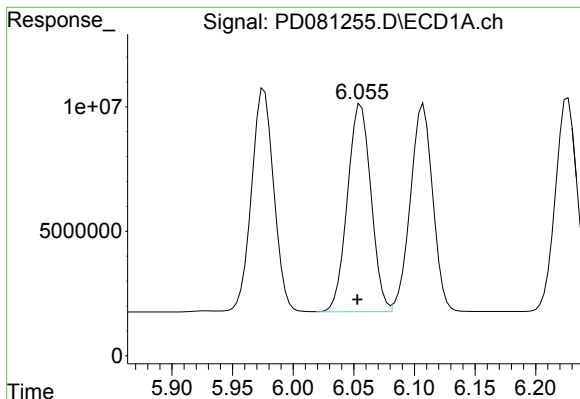
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.002 min
Response: 114861159
Conc: 52.47 ng/ml



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 167973502
Conc: 51.35 ng/ml



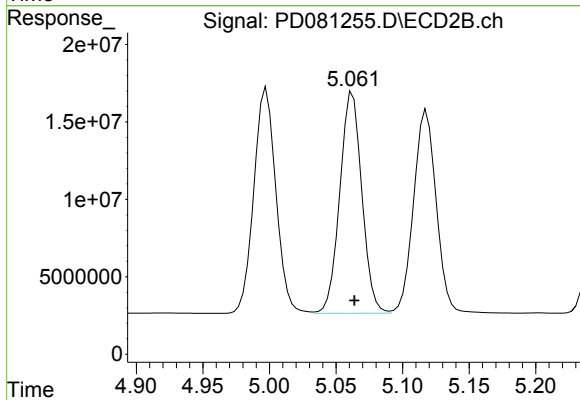
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.003 min
Response: 112864588
Conc: 51.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158942BS

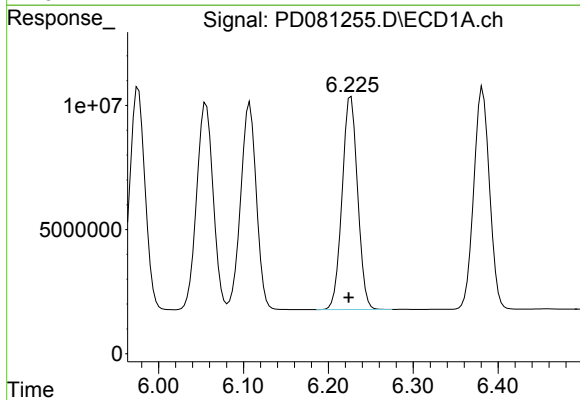
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024



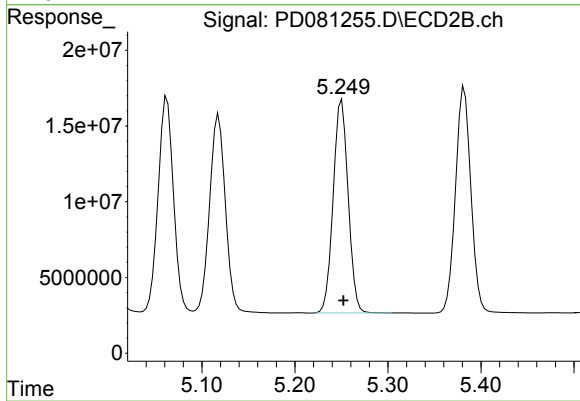
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 164693356
Conc: 50.37 ng/ml



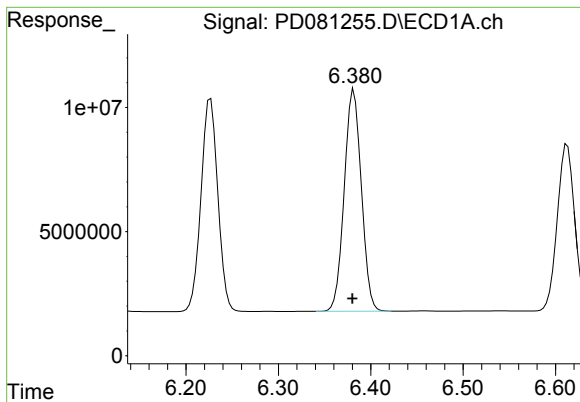
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 108650522
Conc: 53.39 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 157402755
Conc: 51.38 ng/ml



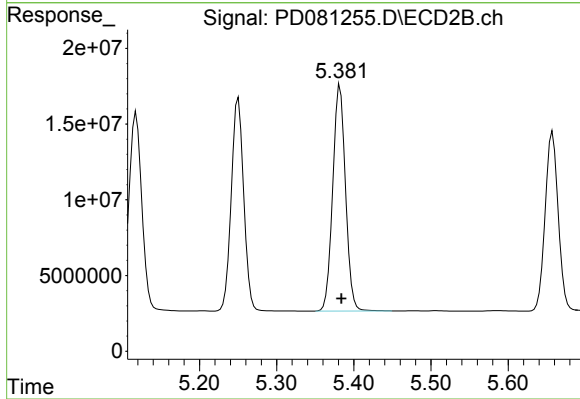
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 114950823
Conc: 52.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158942BS

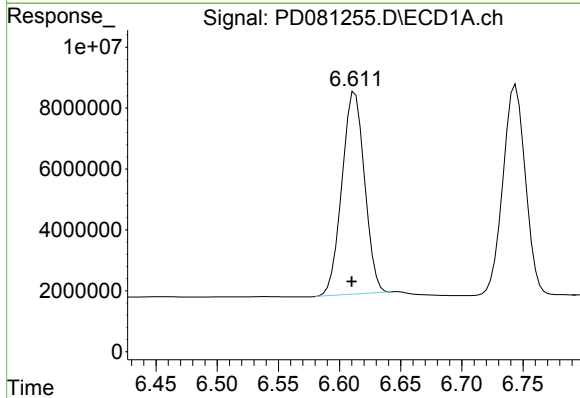
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024



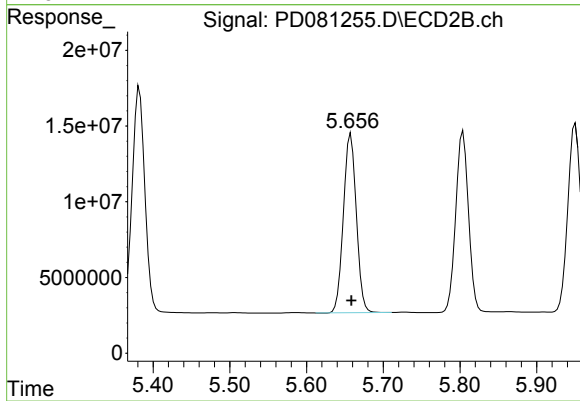
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 172377824
Conc: 50.69 ng/ml



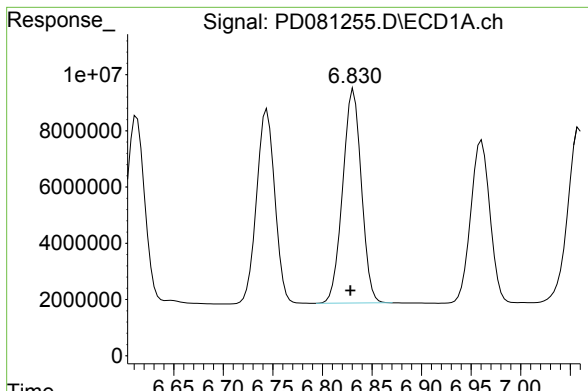
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 85304790
Conc: 45.67 ng/ml m



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 138674208
Conc: 46.80 ng/ml



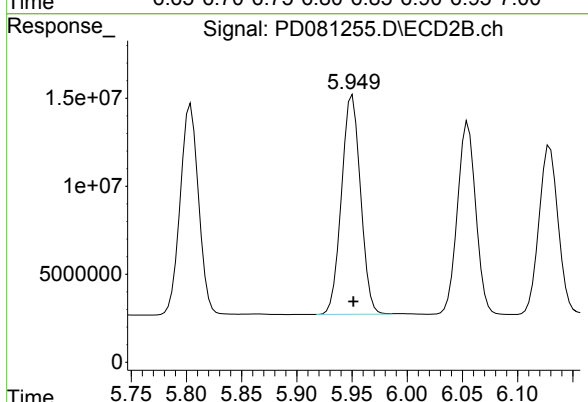
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.003 min
Response: 99802801
Conc: 51.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158942BS

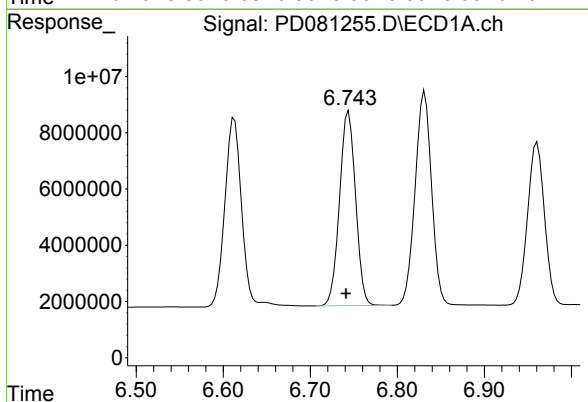
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024



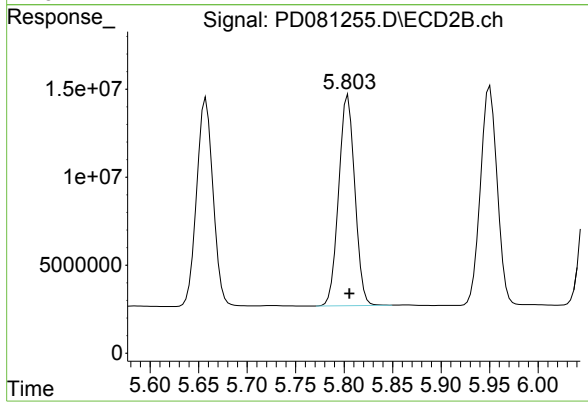
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 149608345
Conc: 52.02 ng/ml



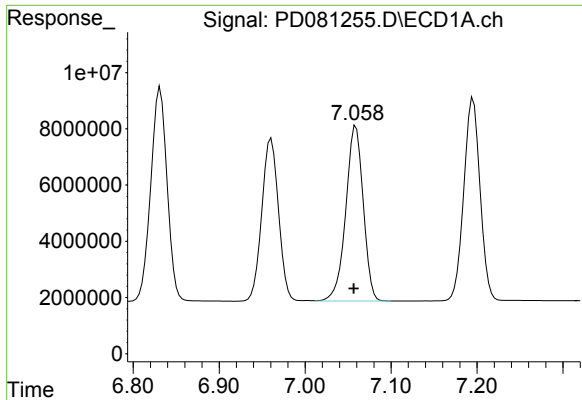
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.003 min
Response: 88550206
Conc: 53.89 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 138091214
Conc: 52.60 ng/ml



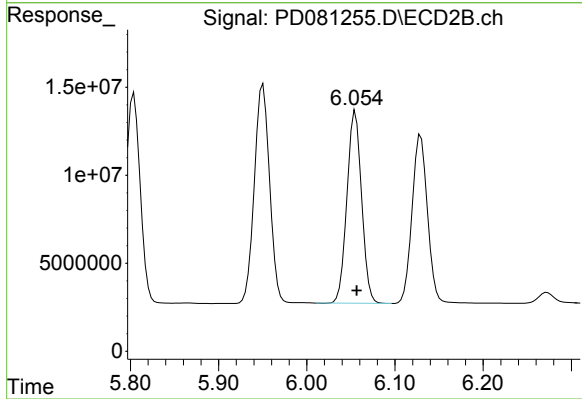
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.003 min
Response: 88135005
Conc: 49.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158942BS

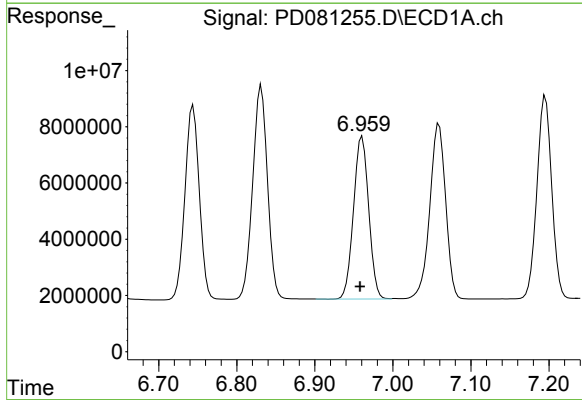
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024



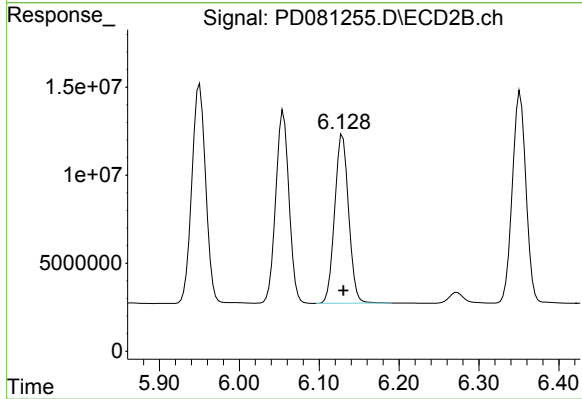
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.001 min
Response: 126129975
Conc: 47.54 ng/ml



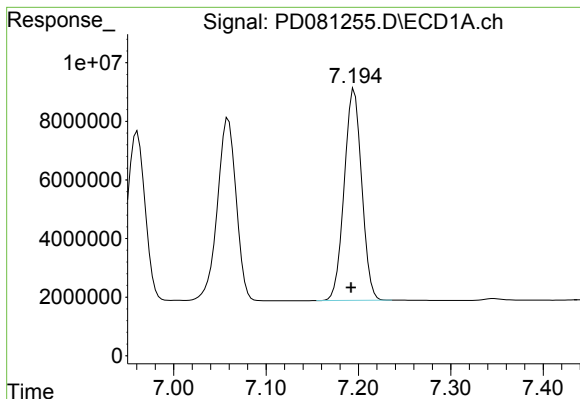
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 78180833
Conc: 51.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 116413417
Conc: 51.63 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.004 min
Response: 94879103
Conc: 49.97 ng/ml

Instrument :

ECD_D

ClientSampleId :

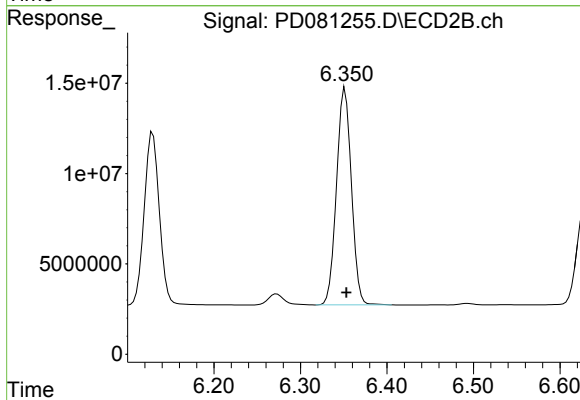
PB158942BS

Manual Integrations

APPROVED

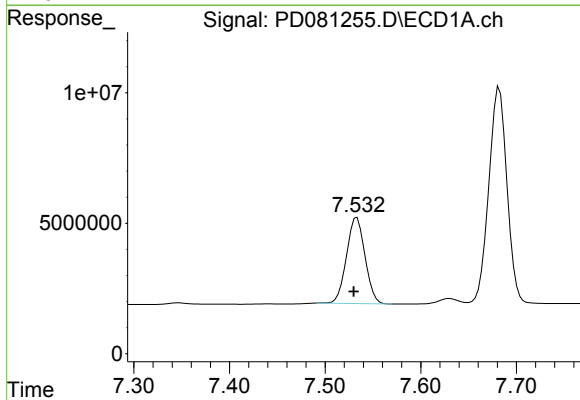
Reviewed By :Abdul Mirza 02/12/2024

Supervised By :Ankita Jodhani 02/12/2024



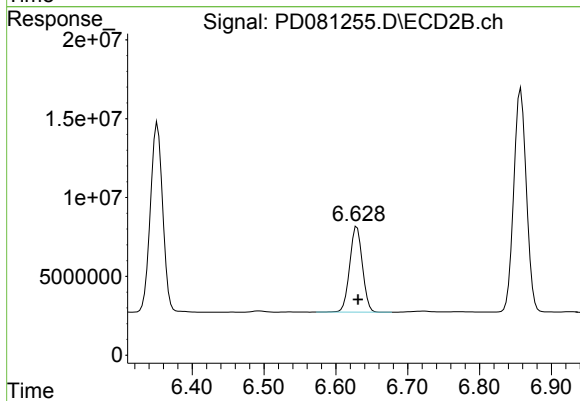
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 142837855
Conc: 51.21 ng/ml



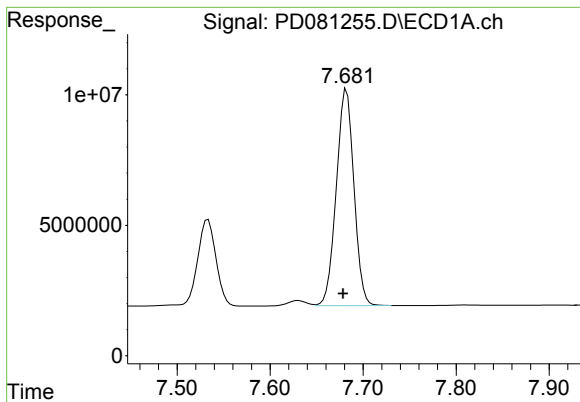
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 44487452
Conc: 43.22 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 66504000
Conc: 42.49 ng/ml



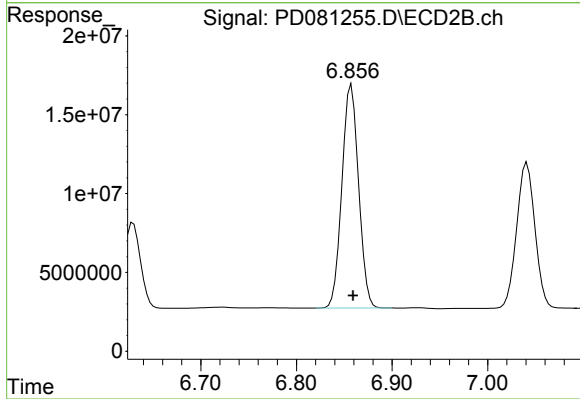
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.004 min
Response: 109409847
Conc: 52.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158942BS

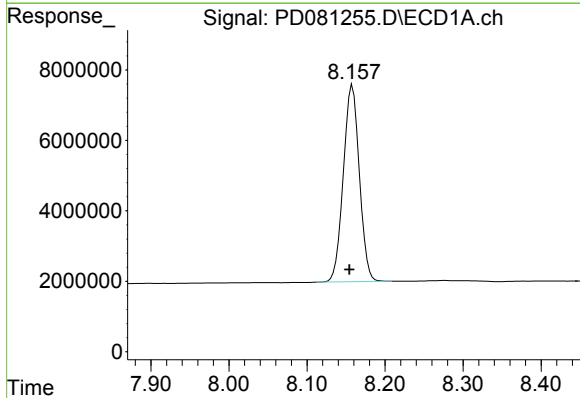
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024



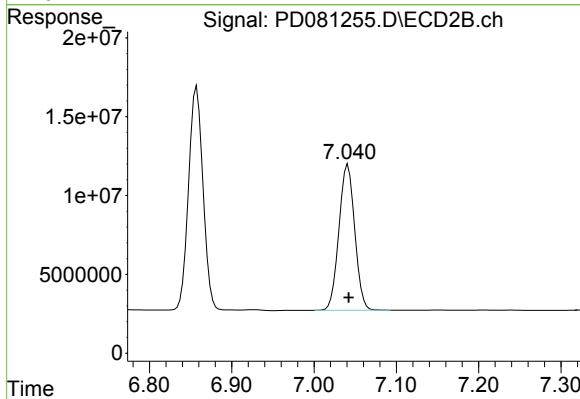
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 172377751
Conc: 53.42 ng/ml



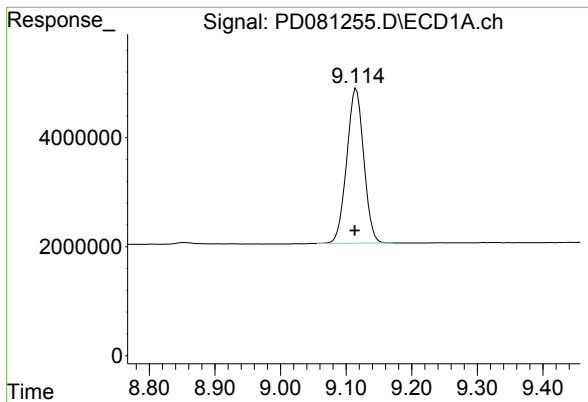
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 79572210
Conc: 48.24 ng/ml



#22 Mirex

R.T.: 7.041 min
Delta R.T.: -0.001 min
Response: 123151448
Conc: 48.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.002 min
Response: 51140072
Conc: 25.41 ng/ml

Instrument :

ECD_D

ClientSampleId :

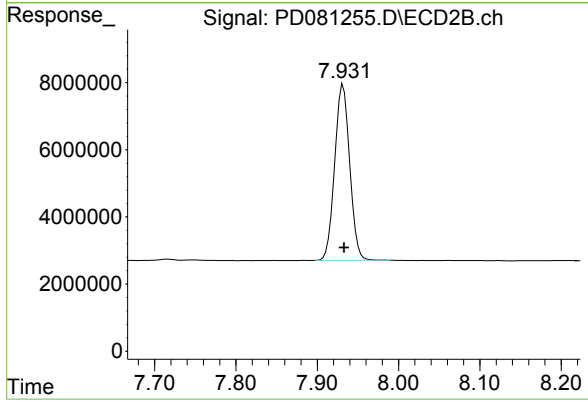
PB158942BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/12/2024

Supervised By :Ankita Jodhani 02/12/2024



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 67329550
Conc: 25.28 ng/ml