

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120424\
 Data File : PD087020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2024 14:33
 Operator : AR\AJ
 Sample : P5072-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-738MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2024
 Supervised By :Ankita Jodhani 12/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 00:06:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 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...	3.557	2.885	28171408	177.2E6	14.087	15.484
28)	SA Decachlor...	9.088	8.087	36460189	171.0E6	11.462	12.273
Target Compounds							
2)	A alpha-BHC	4.007	3.398	194.4E6	857.6E6	48.312	48.672
3)	MA gamma-BHC...	4.338	3.735	187.3E6	798.5E6	46.966	47.547
4)	MA Heptachlor	4.939	4.090	193.3E6	791.9E6	49.221	48.712
5)	MB Aldrin	5.281	4.377	186.1E6	774.5E6	45.659	46.329
6)	B beta-BHC	4.522	4.030	73612746	349.6E6	46.673	48.810
7)	B delta-BHC	4.771	4.268	186.5E6	784.9E6	45.750	46.165
8)	B Heptachlo...	5.701	4.881	164.4E6	705.9E6	45.498	46.490
9)	A Endosulfan I	6.084	5.257	154.2E6	659.7E6	45.965	46.472
10)	B gamma-Chl...	5.955	5.135	160.1E6	738.7E6	45.309	47.485
11)	B alpha-Chl...	6.037	5.200	165.5E6	716.5E6	46.308	46.886
12)	B 4,4'-DDE	6.206	5.385	150.9E6	706.4E6	46.364	46.863
13)	MA Dieldrin	6.357	5.522	166.6E6	718.8E6	46.109	46.158
14)	MA Endrin	6.584	5.797	139.0E6	653.7E6	45.938	46.734m
15)	B Endosulfa...	6.796	6.090	103.6E6	621.2E6	34.676	45.131 #
16)	A 4,4'-DDD	6.713	5.938	119.4E6	562.6E6	45.940m	44.757m
17)	MA 4,4'-DDT	7.031	6.195	125.7E6	601.6E6	44.502	45.116
18)	B Endrin al...	6.925	6.269	105.5E6	472.0E6	43.145	42.548
19)	B Endosulfa...	7.159	6.492	126.7E6	582.6E6	43.542	43.059
20)	A Methoxychlor	7.503	6.766	67097588	304.8E6	41.955	42.492
21)	B Endrin ke...	7.640	7.001	138.3E6	620.9E6	42.602	41.194
22)	Mirex	8.125	7.198	97497470	469.5E6	39.077	38.078

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120424\
Data File : PD087020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Dec 2024 14:33
Operator : AR\AJ
Sample : P5072-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

MH-738MS

Manual Integrations

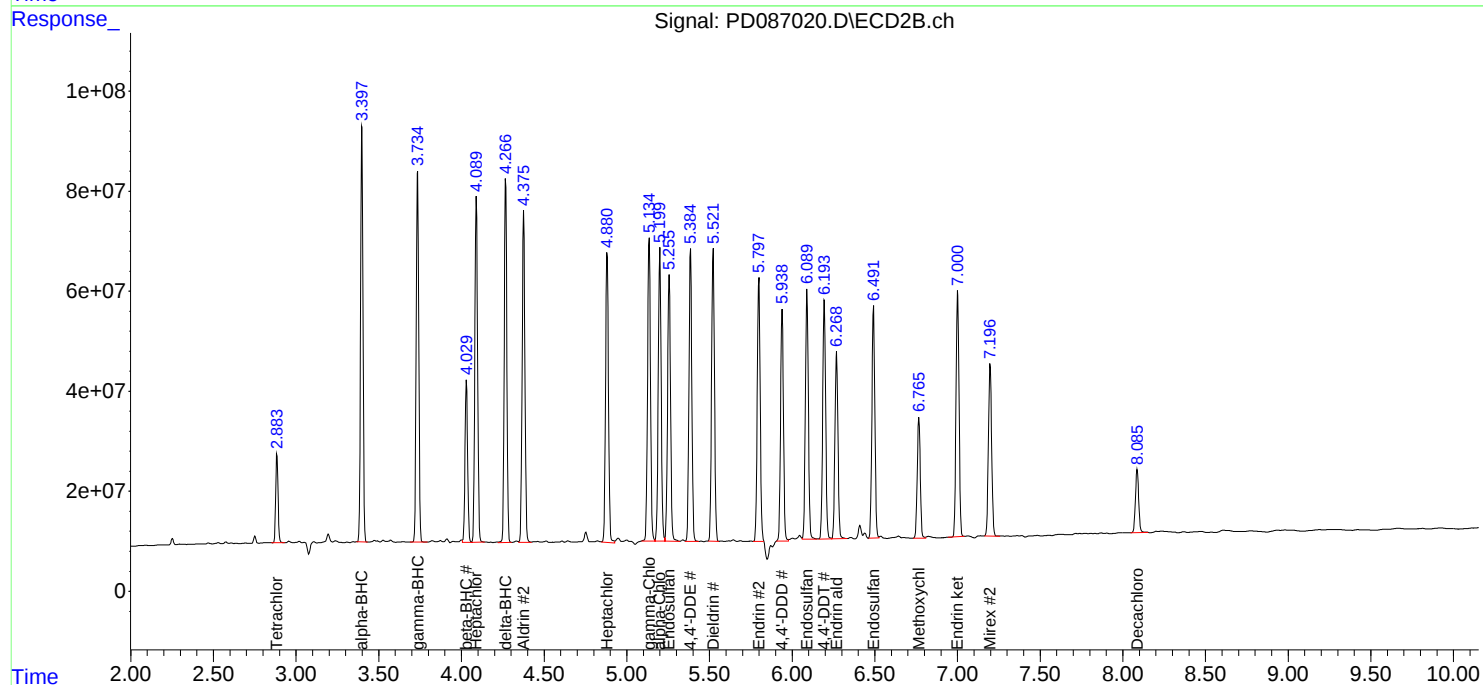
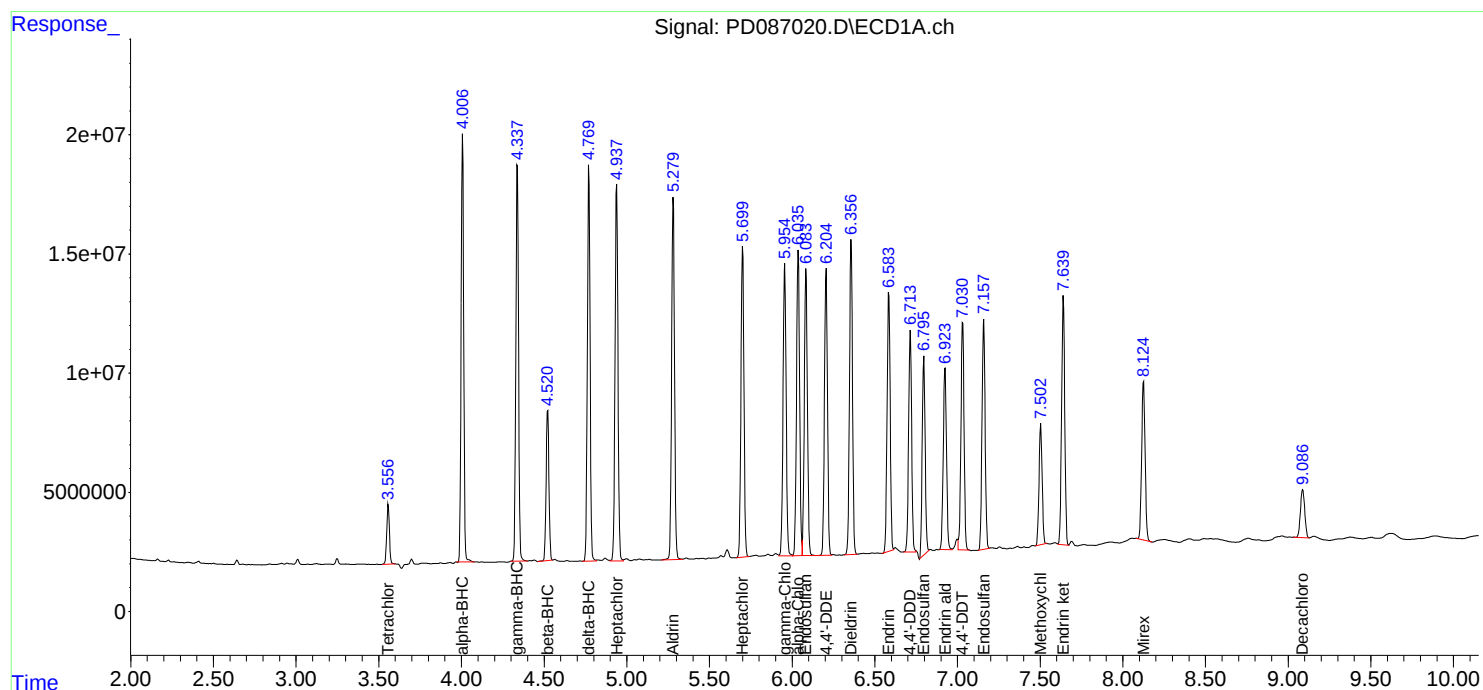
APPROVED

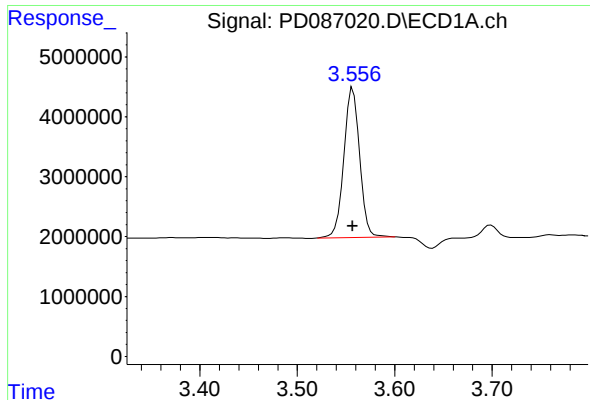
Reviewed By :Yogesh Patel 12/05/2024

Supervised By :Ankita Jodhani 12/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 05 00:06:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 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





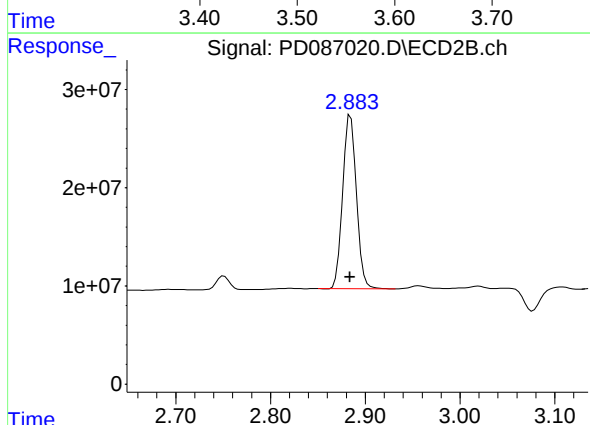
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 28171408
Conc: 14.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

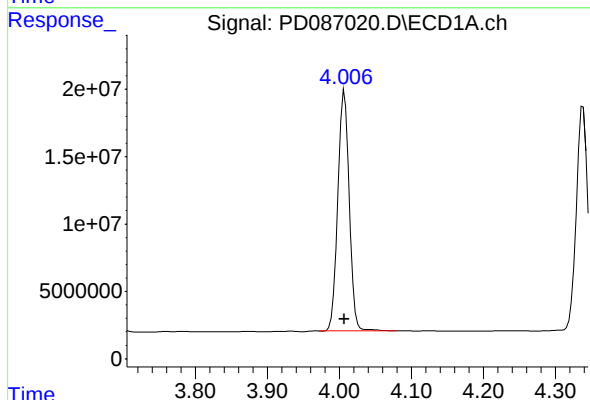
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



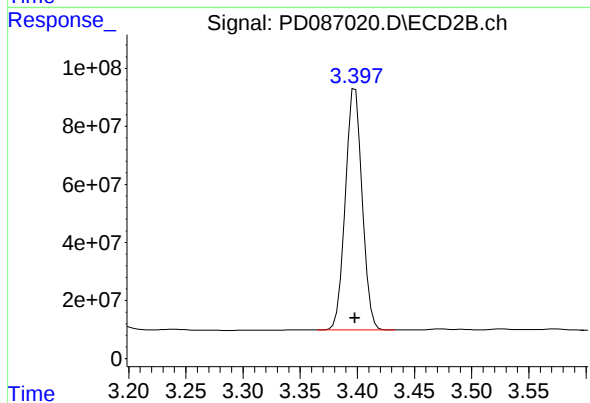
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.000 min
Response: 177237497
Conc: 15.48 ng/ml



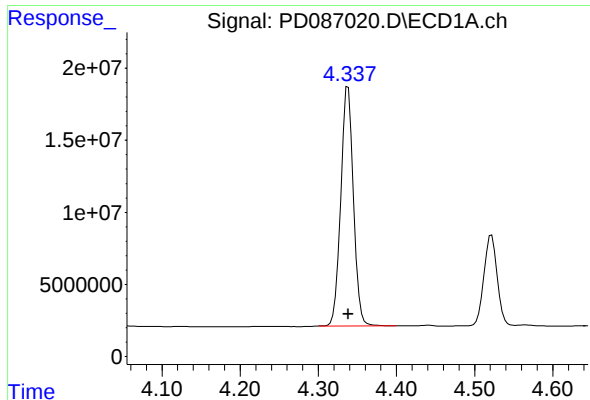
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 194410876
Conc: 48.31 ng/ml



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 857643243
Conc: 48.67 ng/ml



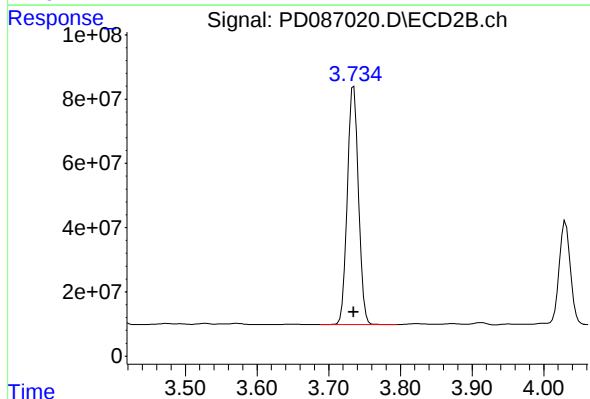
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 187323587
Conc: 46.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

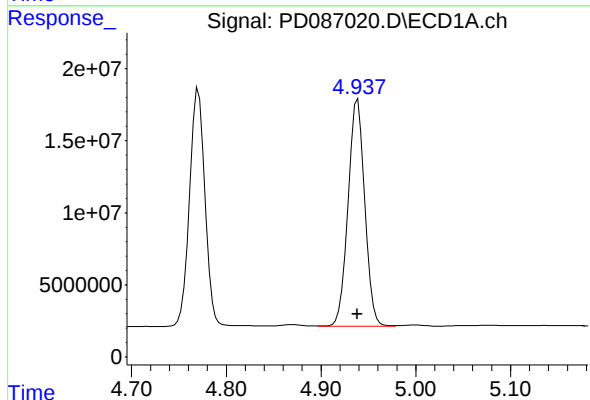
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



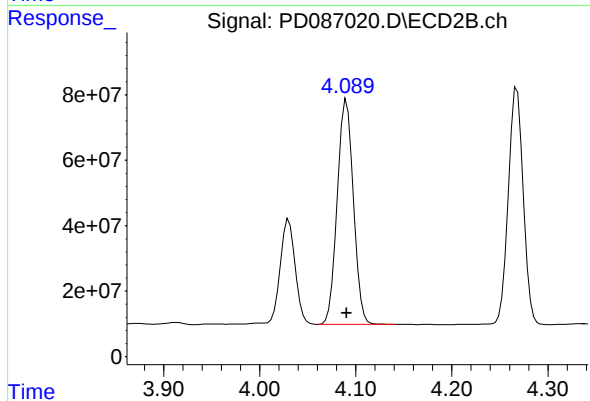
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 798536606
Conc: 47.55 ng/ml



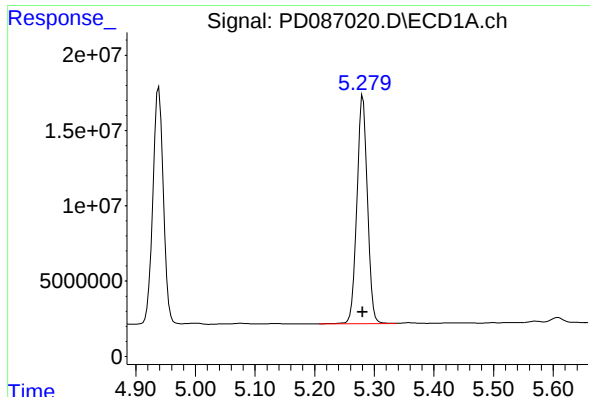
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 193250991
Conc: 49.22 ng/ml



#4 Heptachlor

R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 791853486
Conc: 48.71 ng/ml



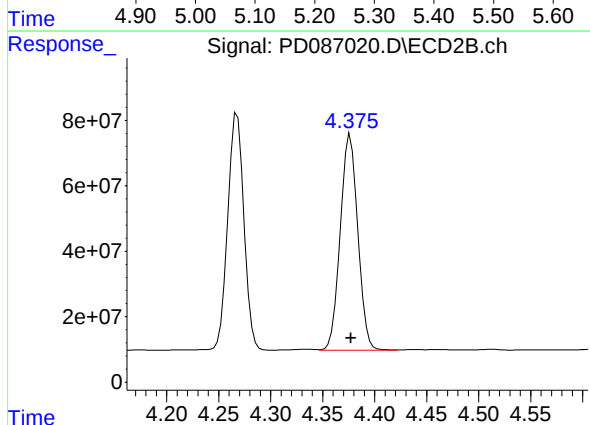
#5 Aldrin

R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 186099063
Conc: 45.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

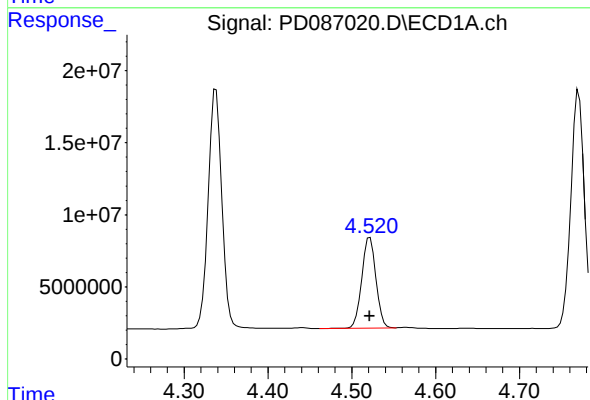
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



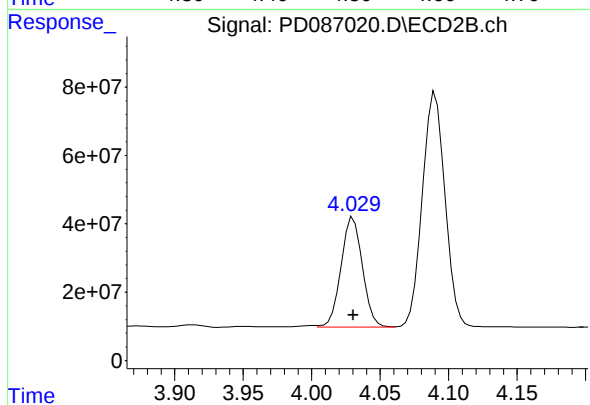
#5 Aldrin

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 774496825
Conc: 46.33 ng/ml



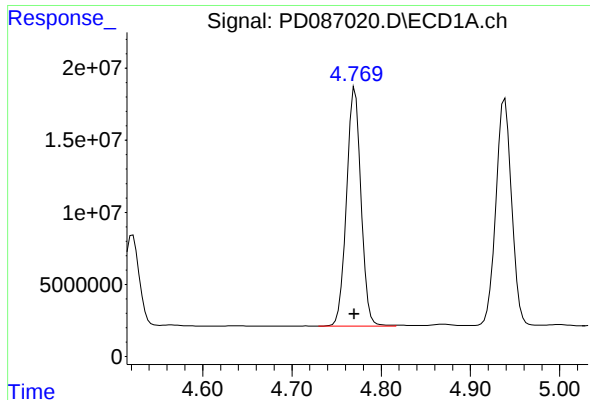
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 73612746
Conc: 46.67 ng/ml



#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 349568536
Conc: 48.81 ng/ml



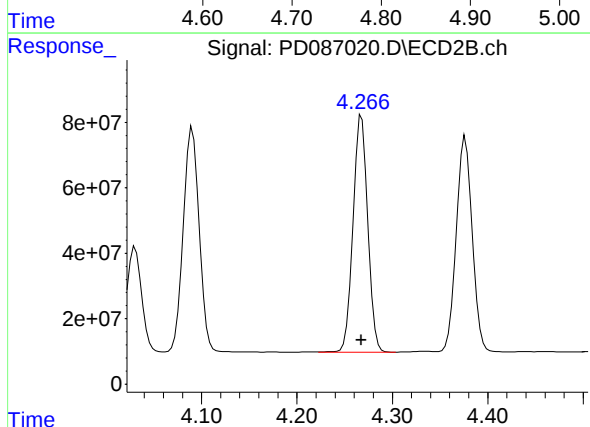
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 186479892
Conc: 45.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

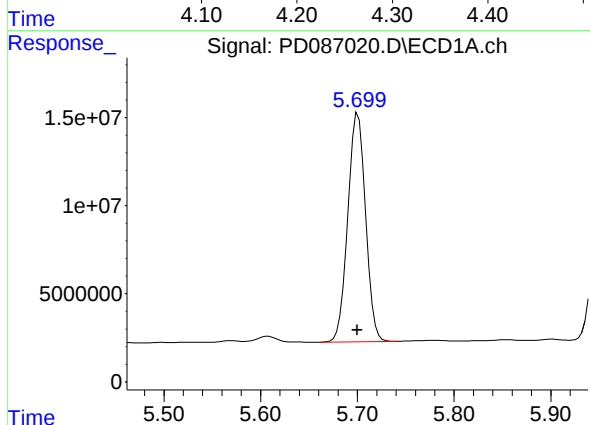
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



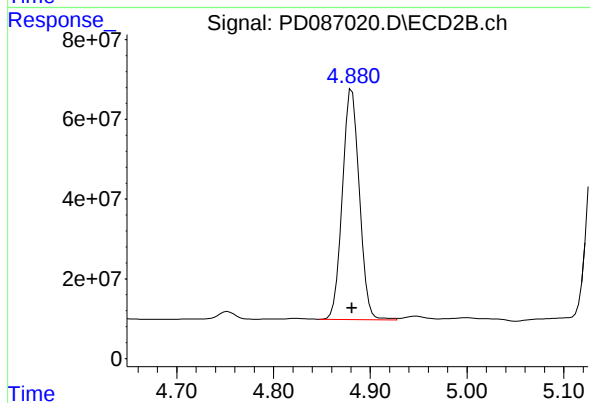
#7 delta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 784901600
Conc: 46.16 ng/ml



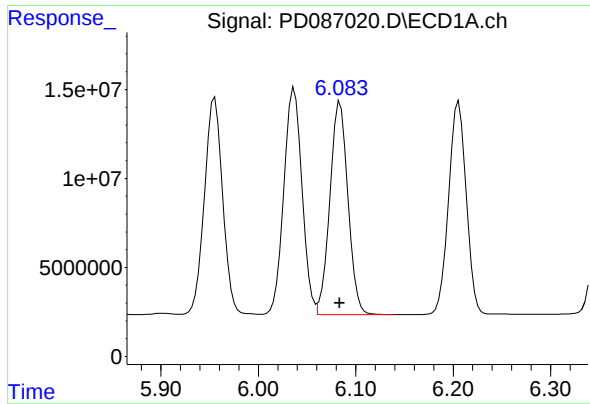
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 164408139
Conc: 45.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 705893332
Conc: 46.49 ng/ml



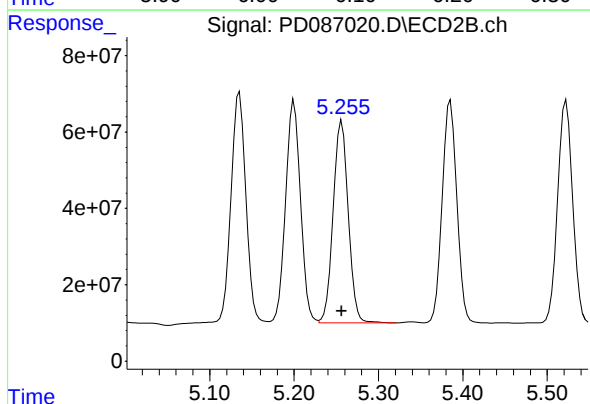
#9 Endosulfan I

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 154248960
Conc: 45.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

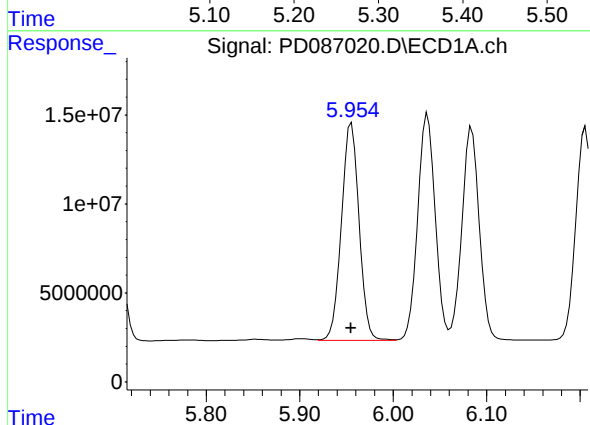
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



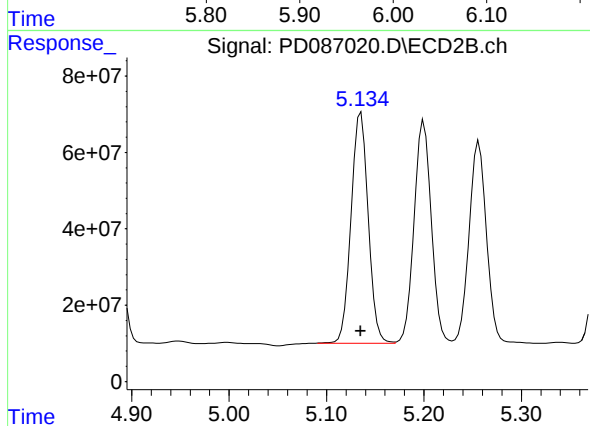
#9 Endosulfan I

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 659738468
Conc: 46.47 ng/ml



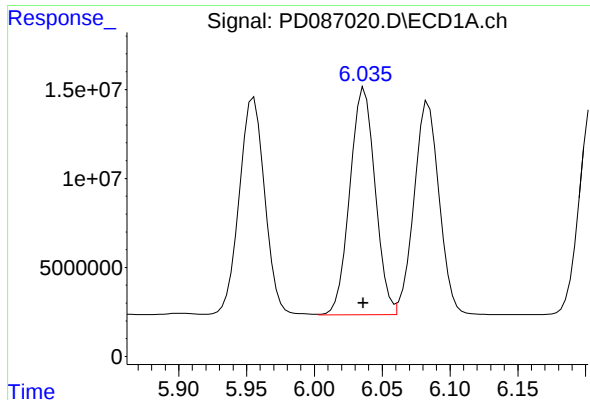
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 160076320
Conc: 45.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 738662890
Conc: 47.49 ng/ml



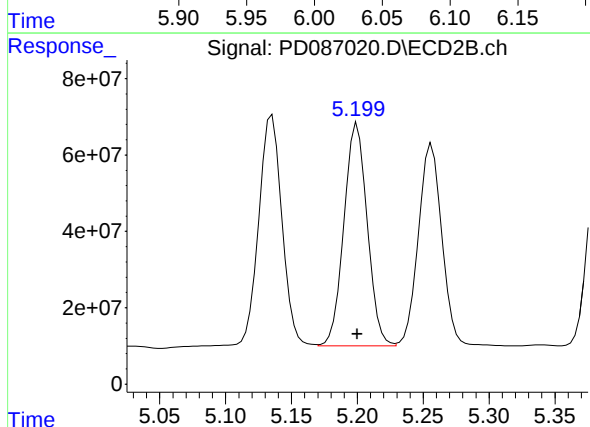
#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 165451013
Conc: 46.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

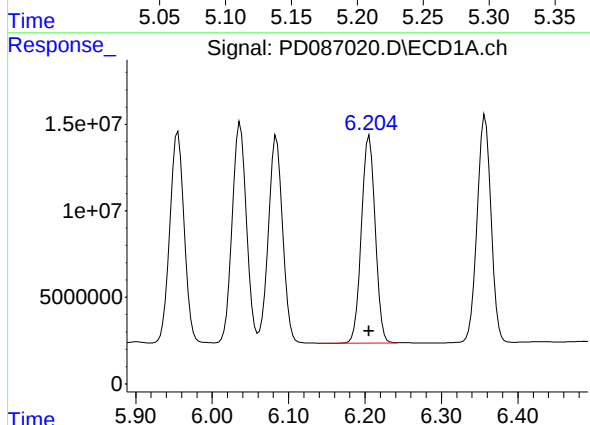
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



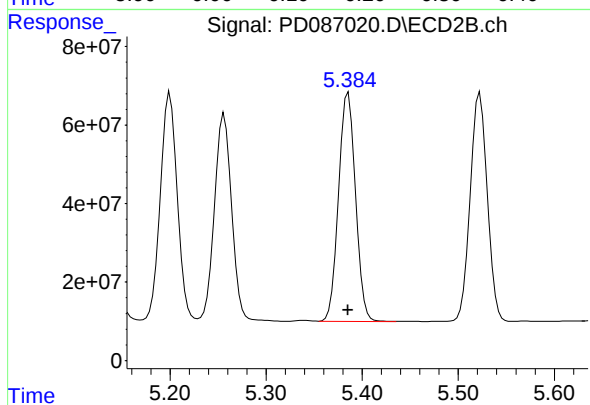
#11 alpha-Chlordane

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 716515625
Conc: 46.89 ng/ml



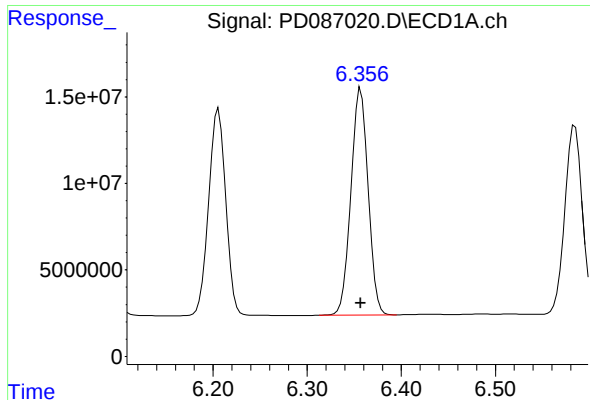
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 150851570
Conc: 46.36 ng/ml



#12 4,4'-DDE

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 706432533
Conc: 46.86 ng/ml



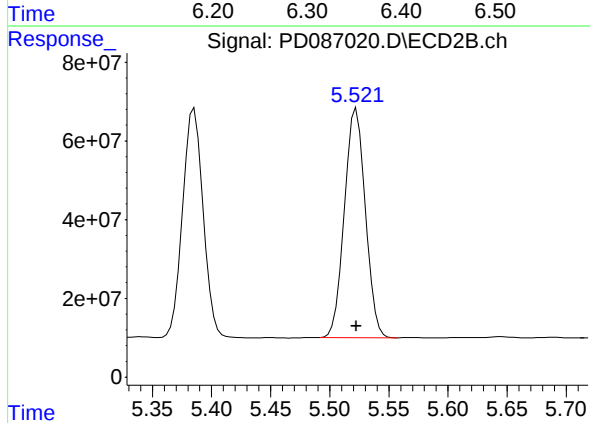
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 166574123
Conc: 46.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

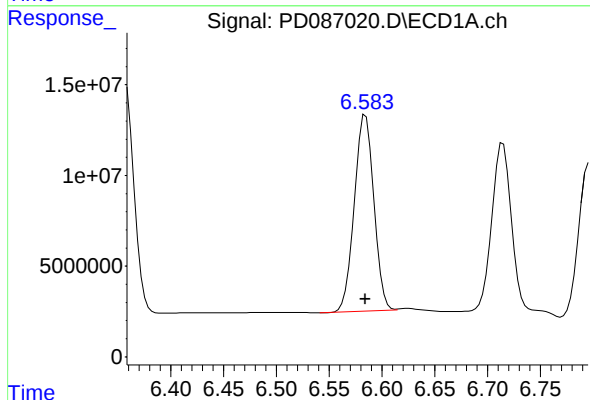
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



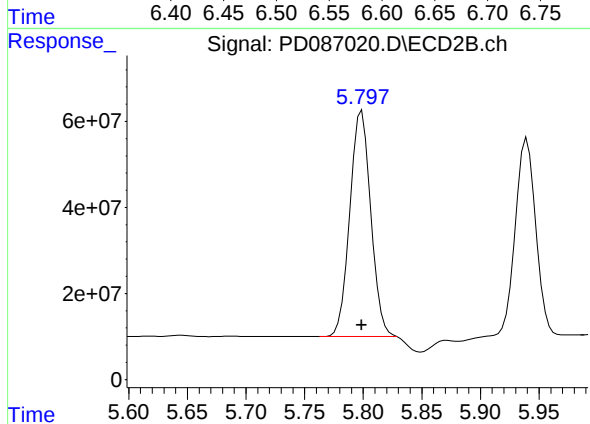
#13 Dieldrin

R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 718766316
Conc: 46.16 ng/ml



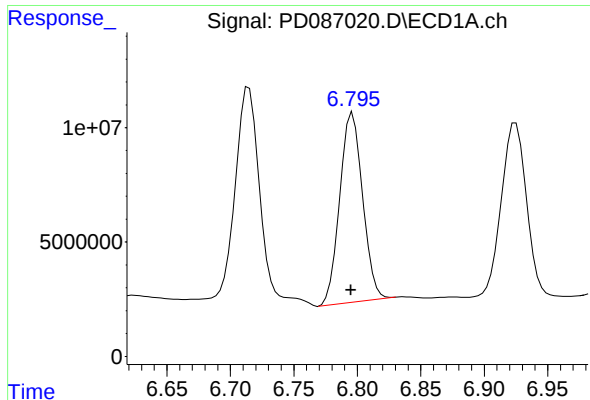
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 139005536
Conc: 45.94 ng/ml



#14 Endrin

R.T.: 5.797 min
Delta R.T.: -0.001 min
Response: 653743838
Conc: 46.73 ng/ml m



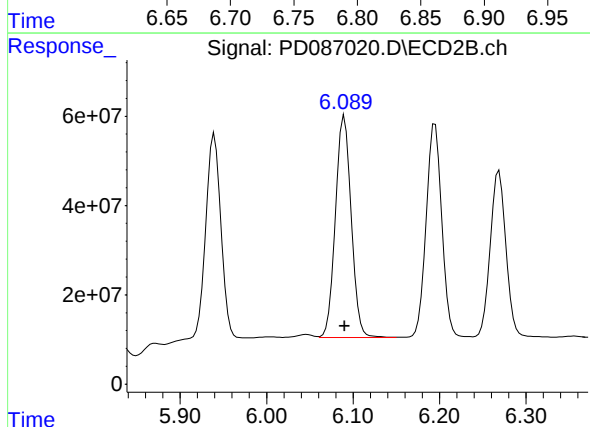
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.001 min
Response: 103647519
Conc: 34.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

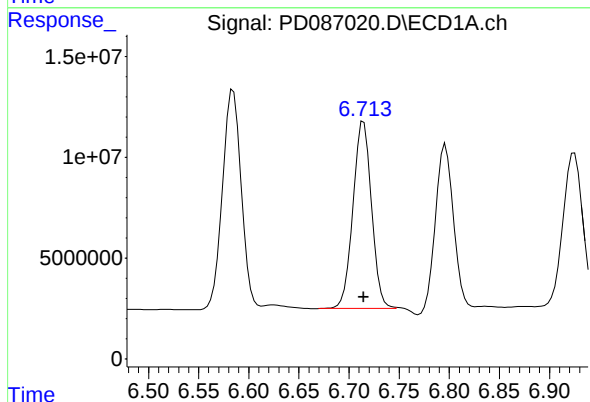
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



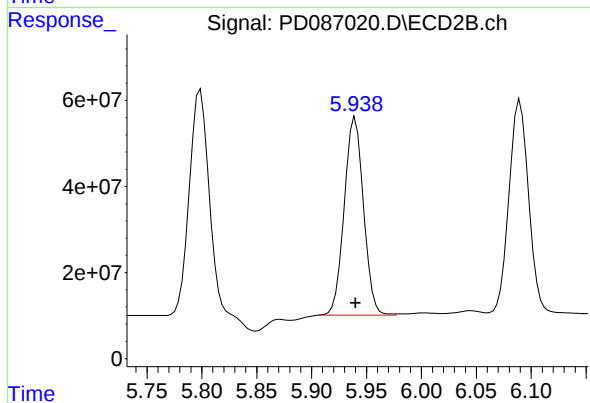
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 621184204
Conc: 45.13 ng/ml



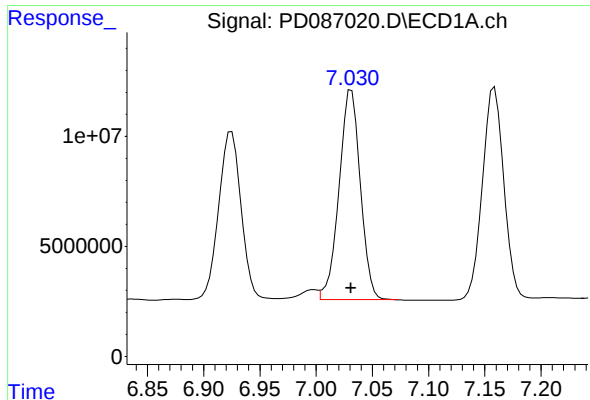
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 119427037
Conc: 45.94 ng/ml m



#16 4,4'-DDD

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 562574043
Conc: 44.76 ng/ml m



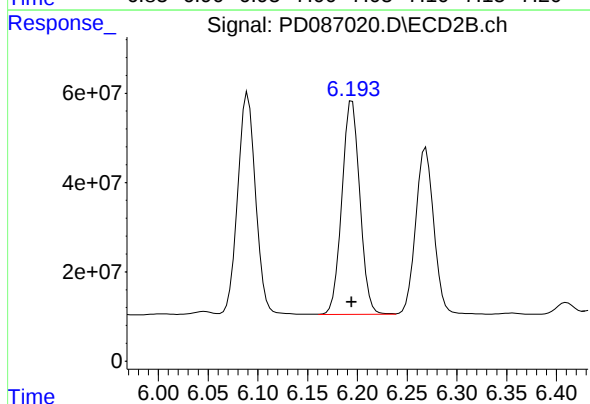
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 125713782
Conc: 44.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

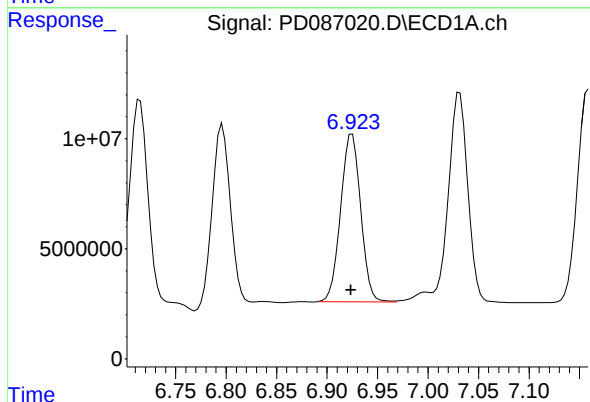
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



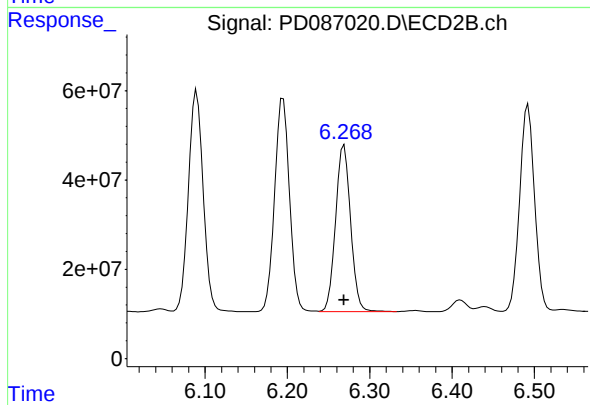
#17 4,4'-DDT

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 601572532
Conc: 45.12 ng/ml



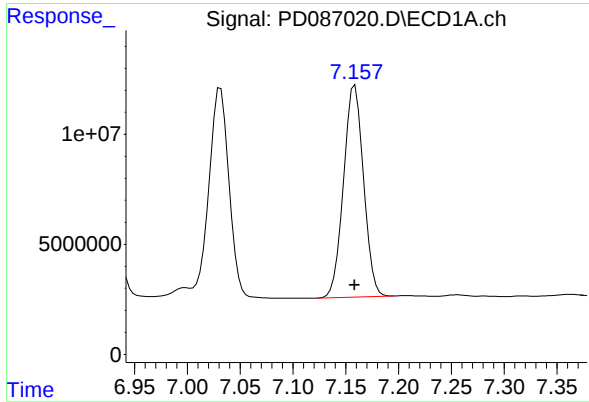
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 105475279
Conc: 43.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 472021298
Conc: 42.55 ng/ml



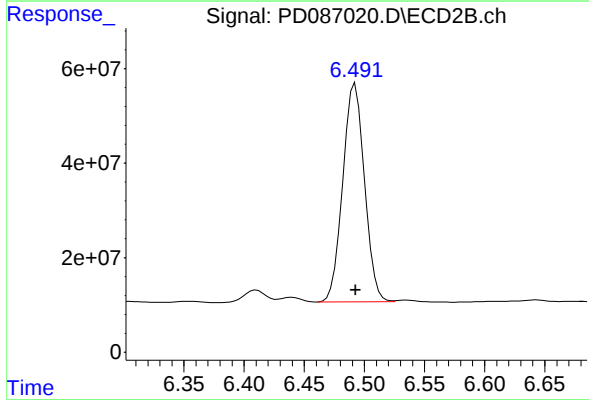
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 126711206
Conc: 43.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

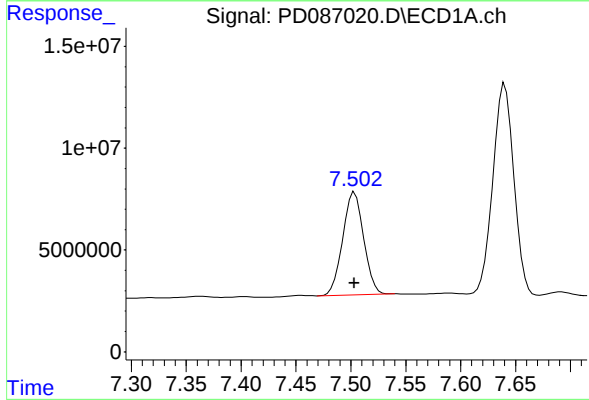
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



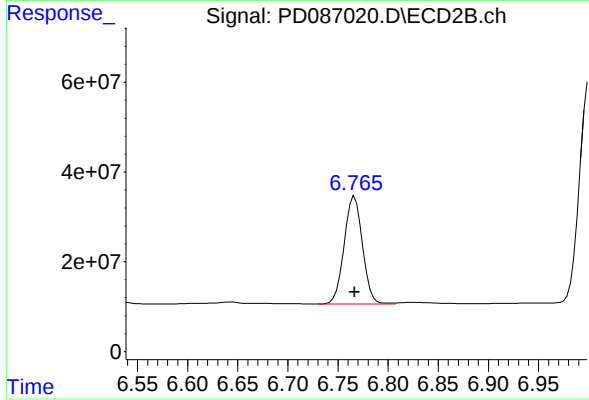
#19 Endosulfan Sulfate

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 582582125
Conc: 43.06 ng/ml



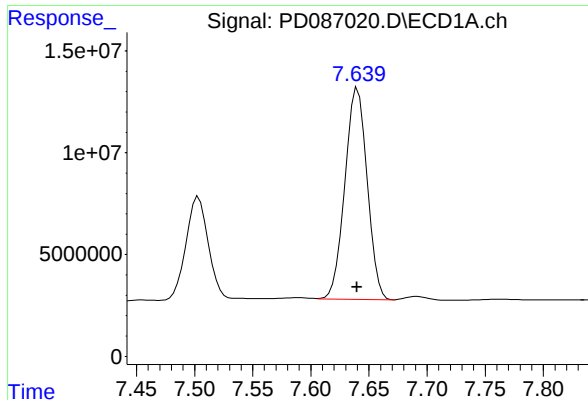
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 67097588
Conc: 41.95 ng/ml



#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 304806592
Conc: 42.49 ng/ml



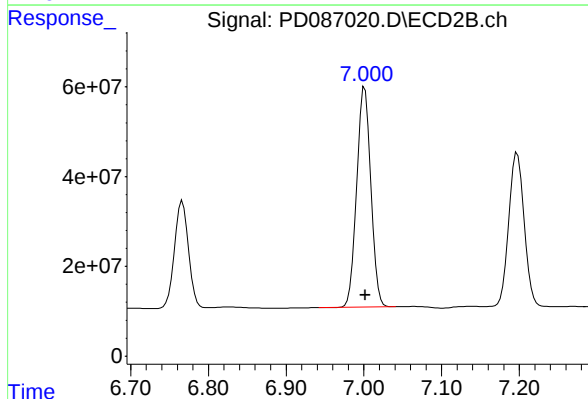
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 138253993
Conc: 42.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

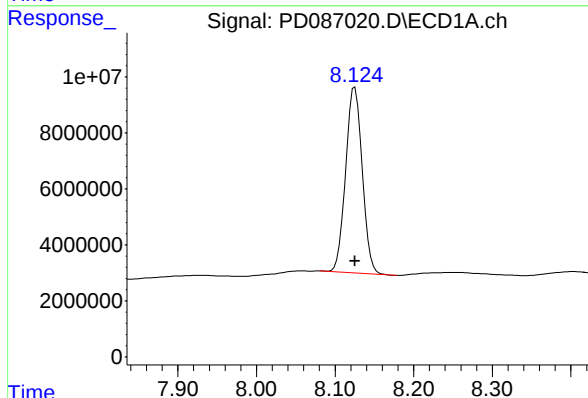
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



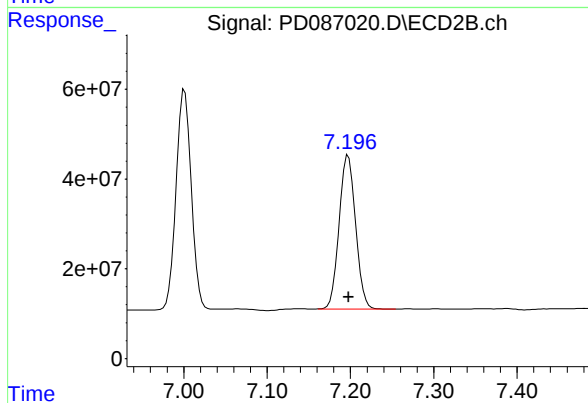
#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 620868608
Conc: 41.19 ng/ml



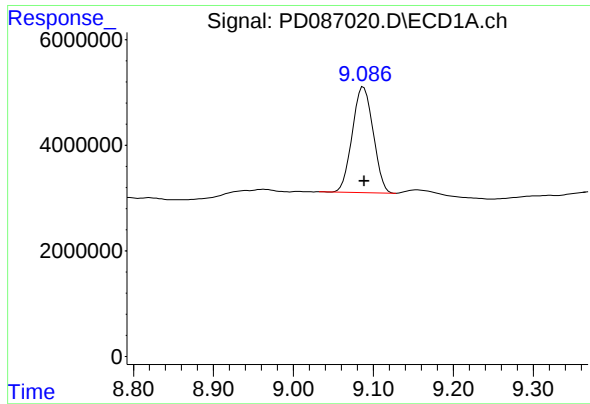
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 97497470
Conc: 39.08 ng/ml



#22 Mirex

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 469531431
Conc: 38.08 ng/ml



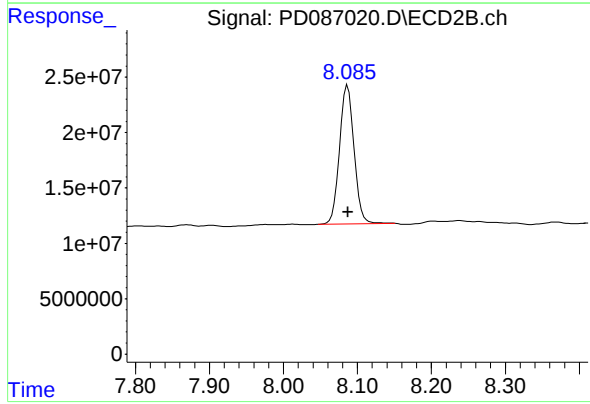
#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: -0.001 min
Response: 36460189
Conc: 11.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 170995670
Conc: 12.27 ng/ml