

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 17:36
 Operator : AR\AJ
 Sample : PB165083BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165083BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:14:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.536	2.774	49892548	49976722	20.362	18.366
28) SA Decachlor...	9.053	7.914	34230606	55483176	17.786	20.329
Target Compounds						
2) A alpha-BHC	3.992	3.277	156.3E6	188.3E6	46.077	47.198
3) MA gamma-BHC...	4.325	3.607	147.2E6	181.3E6	45.171	46.988
4) MA Heptachlor	4.913	3.945	139.6E6	187.7E6	46.493	49.742
5) MB Aldrin	5.255	4.225	130.8E6	175.9E6	43.585	48.054
6) B beta-BHC	4.523	3.907	67000326	80515560	46.352	48.909
7) B delta-BHC	4.770	4.136	117.9E6	152.1E6	37.667	39.576
8) B Heptachlo...	5.682	4.728	120.5E6	163.2E6	43.642	48.848
9) A Endosulfan I	6.067	5.098	112.3E6	155.3E6	44.889	50.872
10) B gamma-Chl...	5.938	4.978	119.4E6	174.1E6	44.863	51.787
11) B alpha-Chl...	6.017	5.042	119.9E6	168.5E6	45.273	50.673
12) B 4,4'-DDE	6.191	5.231	109.9E6	168.9E6	46.382	52.412
13) MA Dieldrin	6.343	5.362	118.7E6	169.9E6	45.057	50.857
14) MA Endrin	6.571	5.638	94912516	145.4E6	41.689m	50.255
15) B Endosulfa...	6.793	5.933	108.1E6	147.4E6	45.348	52.024
16) A 4,4'-DDD	6.707	5.786	87671878	133.4E6	45.674m	53.564
17) MA 4,4'-DDT	7.022	6.035	96479425	136.4E6	46.614	50.855m
18) B Endrin al...	6.922	6.112	86270523	116.2E6	45.938	50.358
19) B Endosulfa...	7.157	6.335	92879923	133.4E6	42.795	49.452
20) A Methoxychlor	7.498	6.611	49558990	72489720	43.473	50.762
21) B Endrin ke...	7.642	6.840	109.0E6	160.6E6	45.001	52.322
22) Mirex	8.115	7.021	78654232	117.8E6	39.690	45.144

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 17:36
Operator : AR\AJ
Sample : PB165083BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB165083BS

Manual Integrations

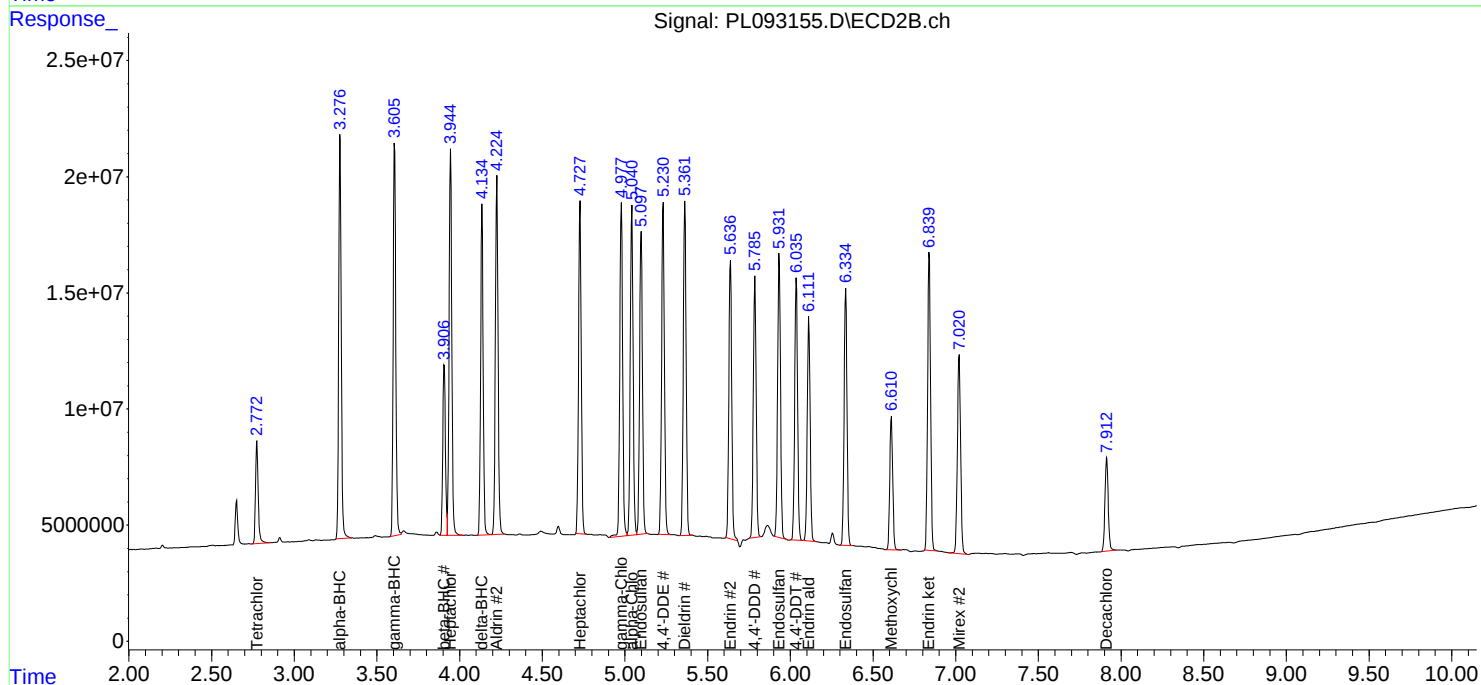
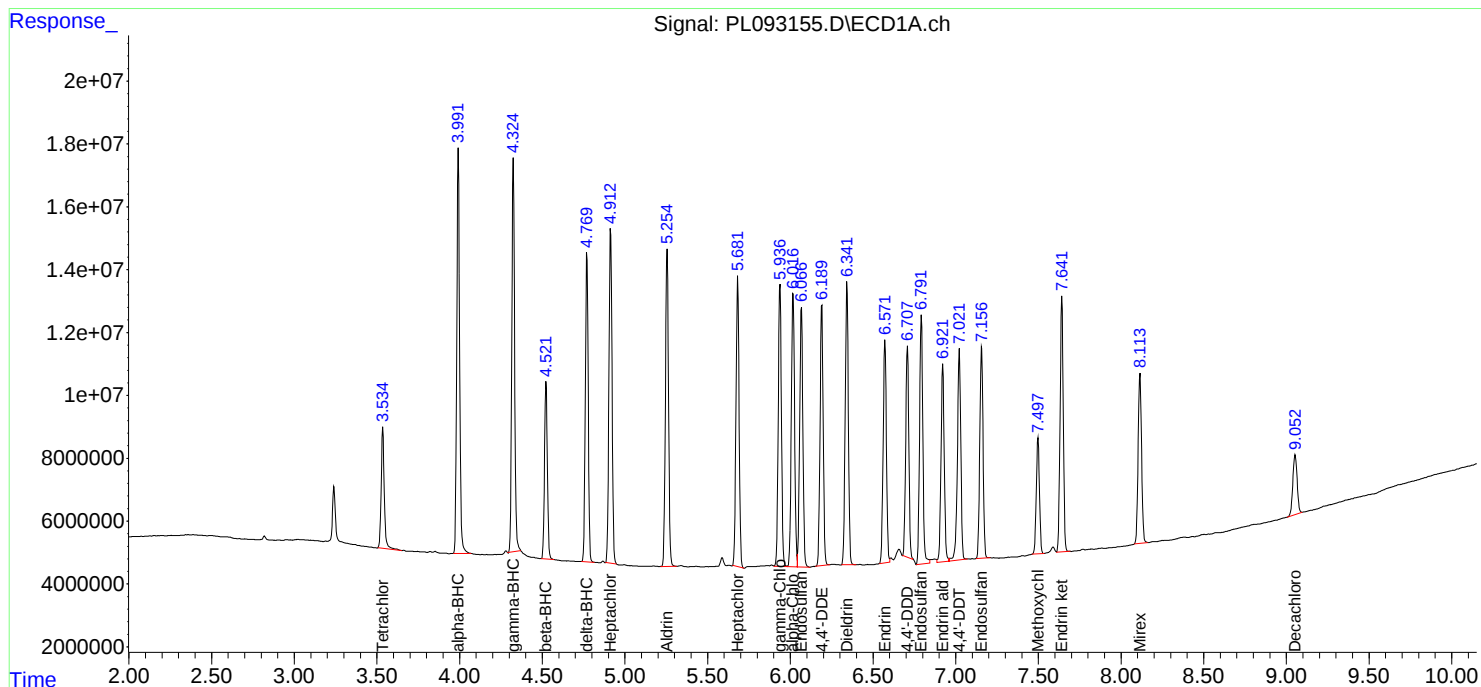
APPROVED

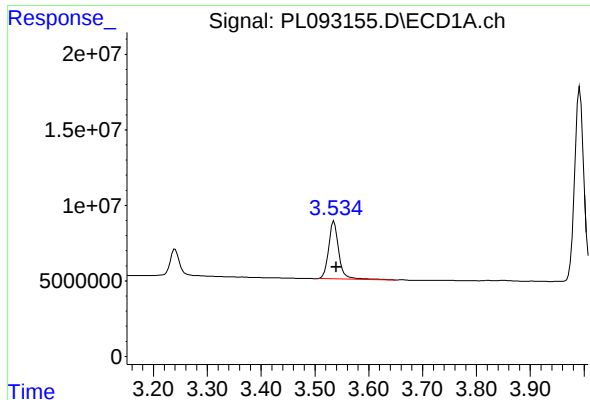
Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:14:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.004 min
Response: 49892548
Conc: 20.36 ng/ml

Instrument :

ECD_L

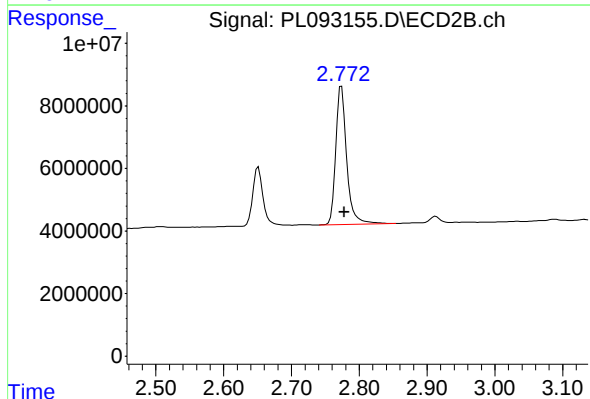
ClientSampleId :

PB165083BS

Manual Integrations

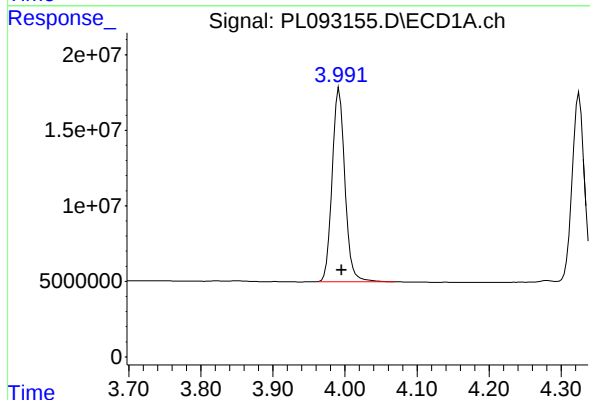
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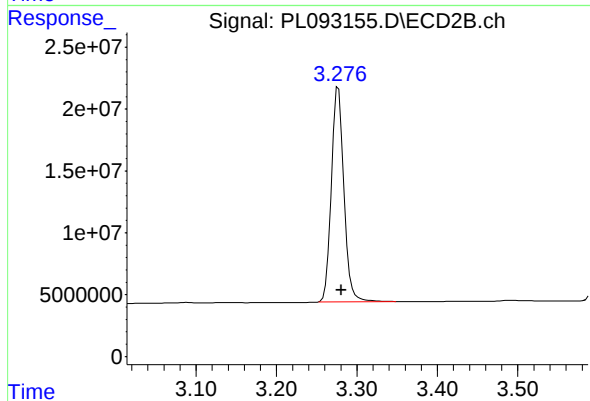
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 49976722
Conc: 18.37 ng/ml



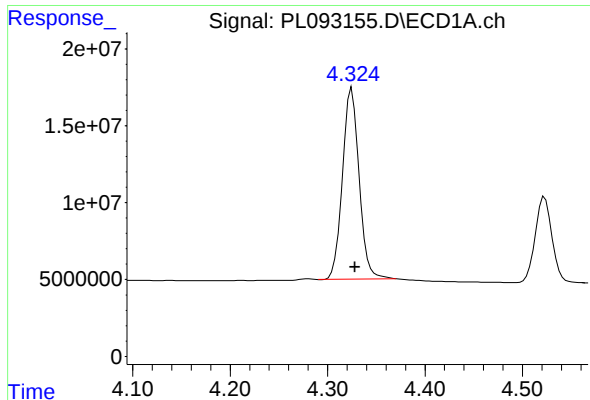
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.004 min
Response: 156273285
Conc: 46.08 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.004 min
Response: 188326855
Conc: 47.20 ng/ml



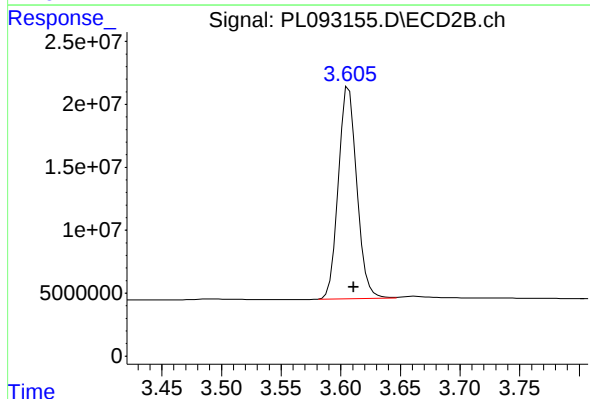
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 147238615
Conc: 45.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165083BS

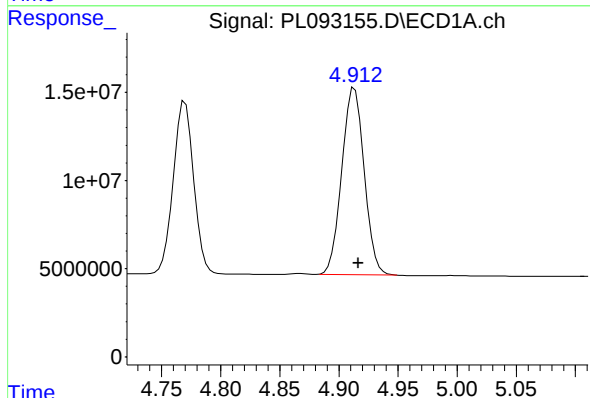
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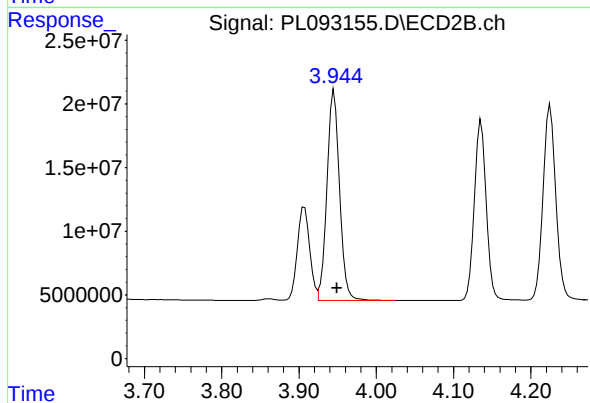
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.004 min
Response: 181346670
Conc: 46.99 ng/ml



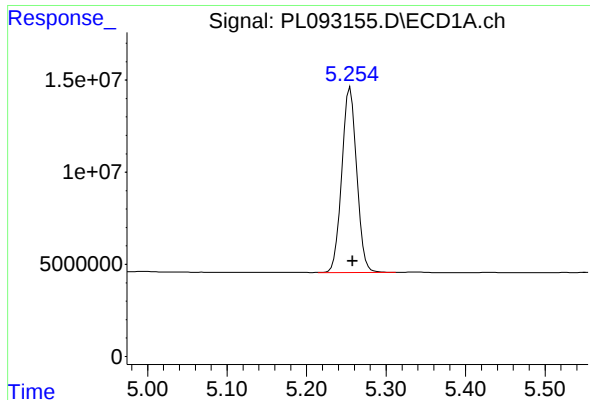
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 139625167
Conc: 46.49 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.004 min
Response: 187723435
Conc: 49.74 ng/ml



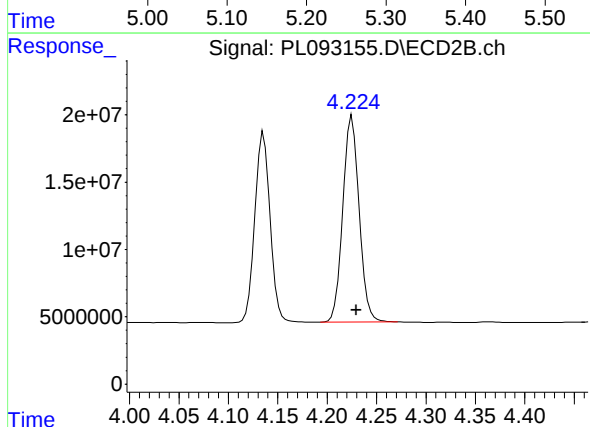
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.003 min
Response: 130819616
Conc: 43.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165083BS

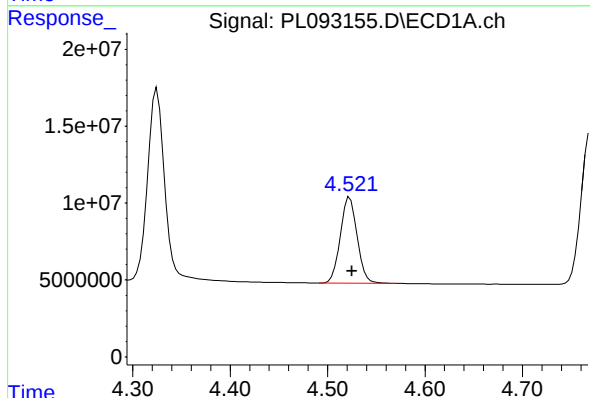
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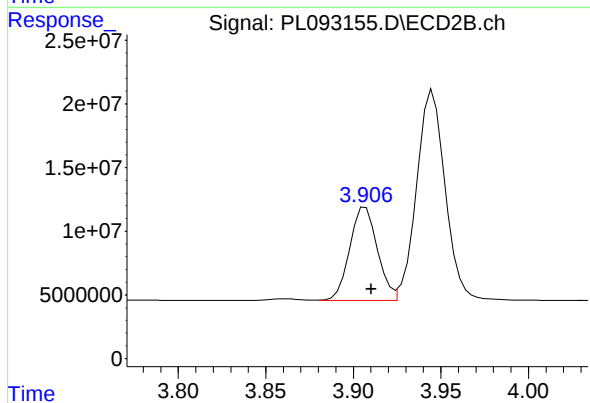
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 175888452
Conc: 48.05 ng/ml



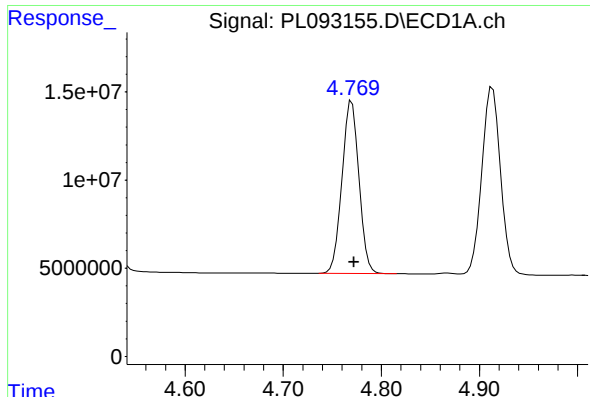
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 67000326
Conc: 46.35 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 80515560
Conc: 48.91 ng/ml



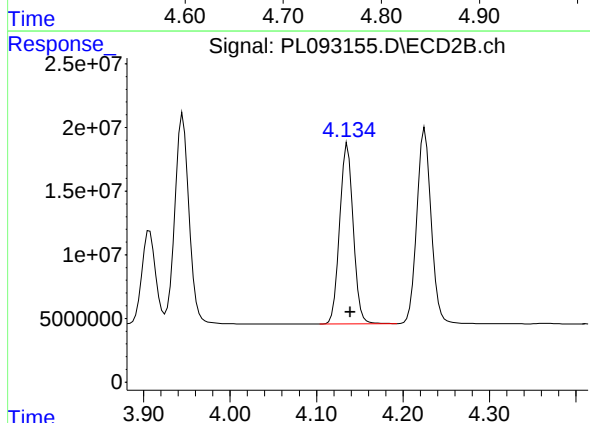
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 117891701
Conc: 37.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165083BS

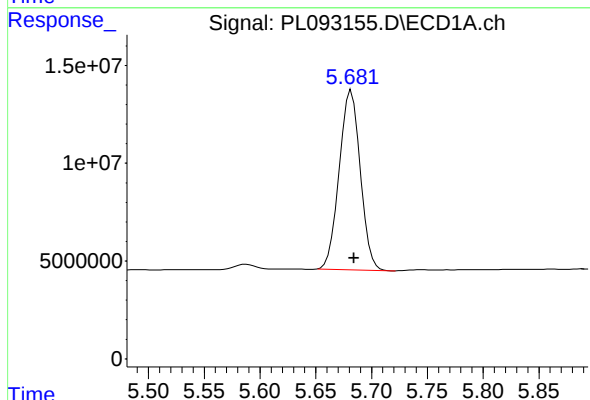
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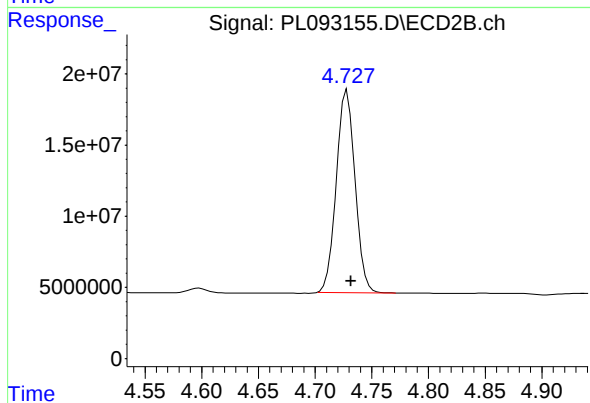
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.003 min
Response: 152097602
Conc: 39.58 ng/ml



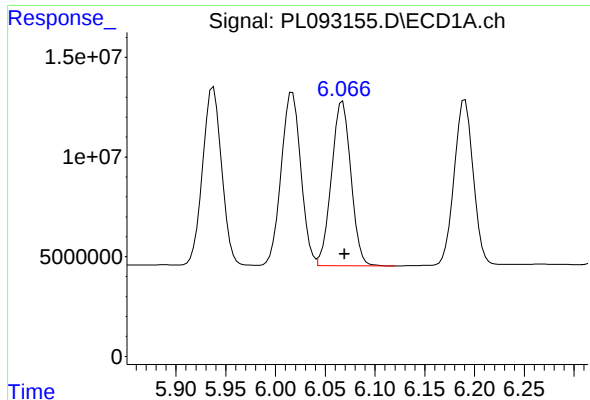
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 120513236
Conc: 43.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 163221040
Conc: 48.85 ng/ml



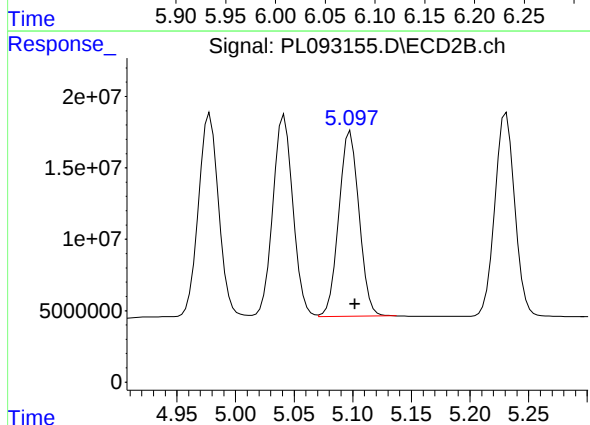
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 112282790
Conc: 44.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165083BS

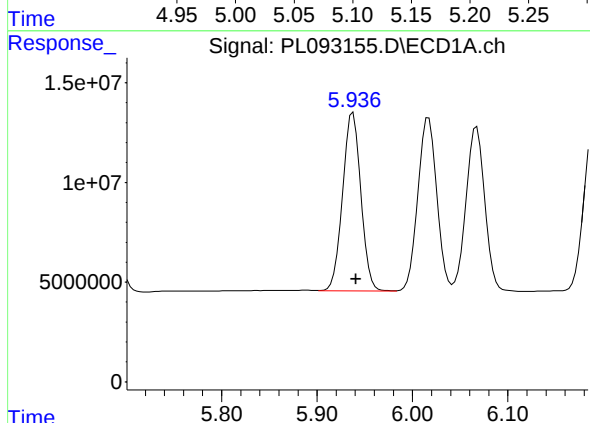
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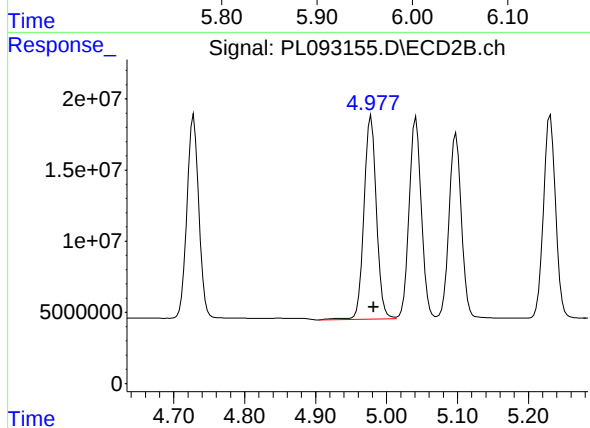
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 155319383
Conc: 50.87 ng/ml



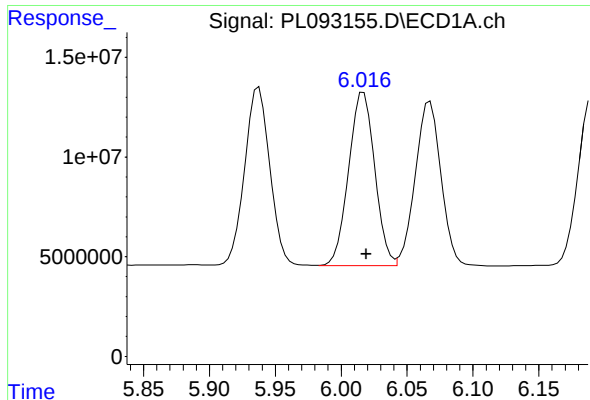
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 119364686
Conc: 44.86 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 174091799
Conc: 51.79 ng/ml



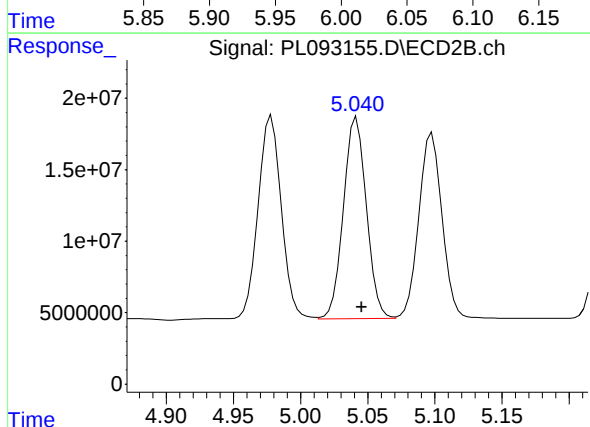
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 119889090
Conc: 45.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165083BS

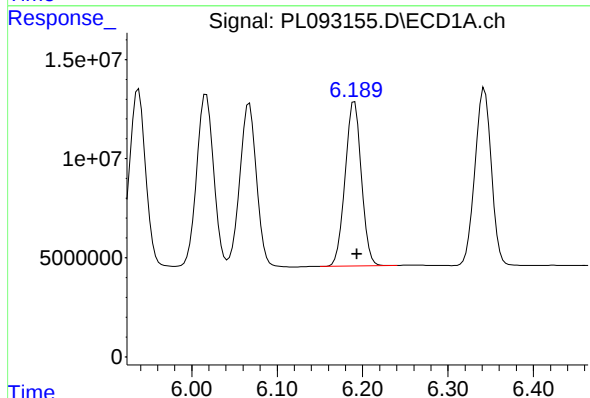
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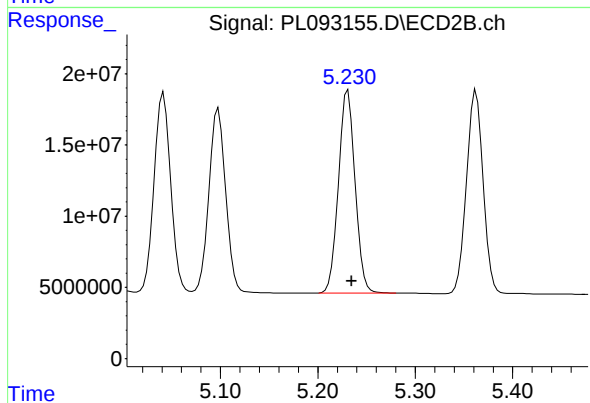
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.004 min
Response: 168539847
Conc: 50.67 ng/ml



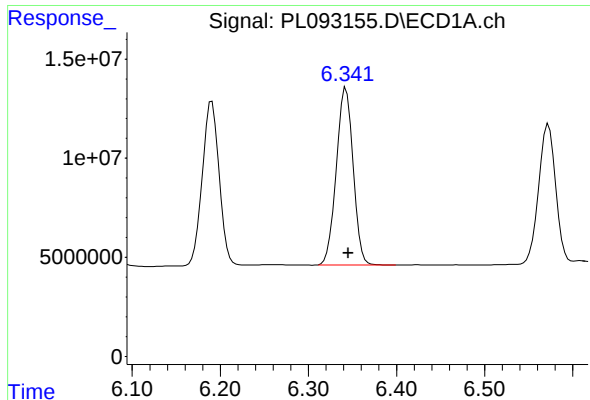
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 109886995
Conc: 46.38 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 168851920
Conc: 52.41 ng/ml



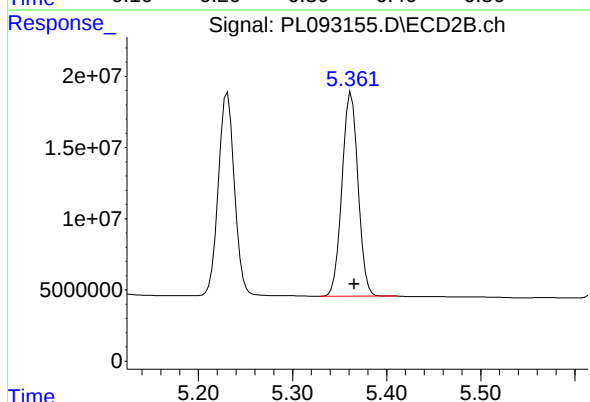
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 118747265
Conc: 45.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165083BS

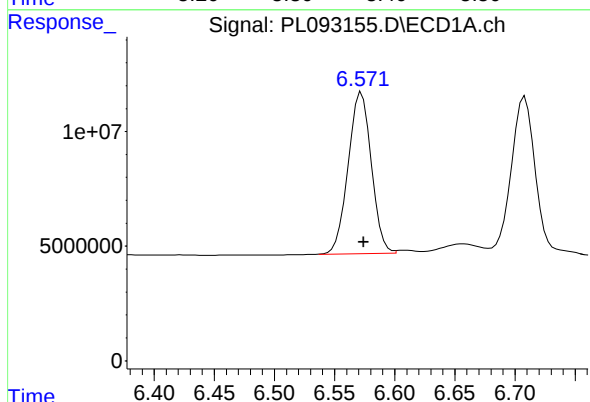
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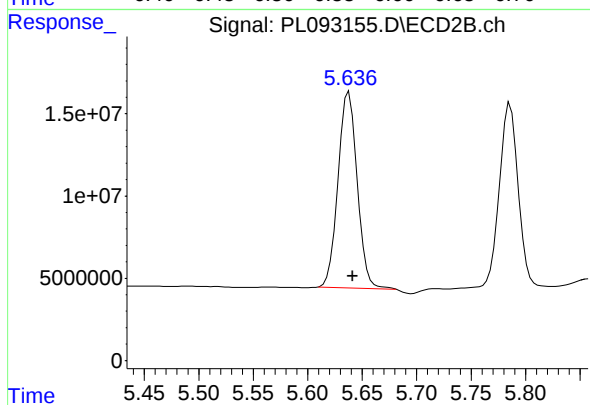
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 169878632
Conc: 50.86 ng/ml



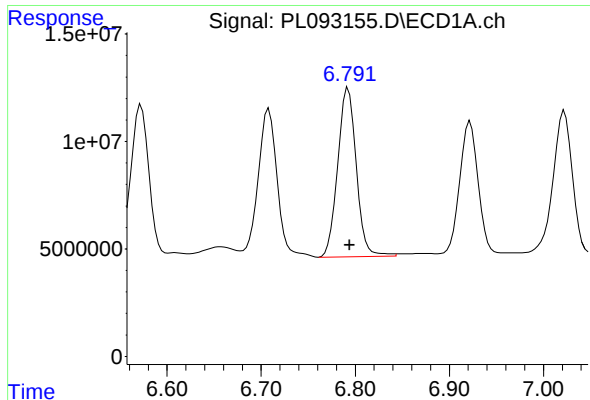
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 94912516
Conc: 41.69 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.004 min
Response: 145388884
Conc: 50.26 ng/ml



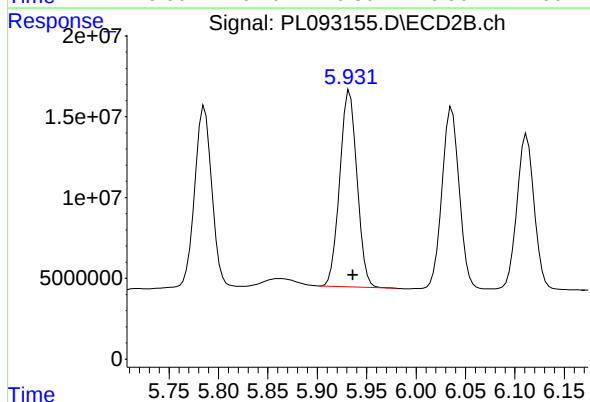
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 108102011
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165083BS

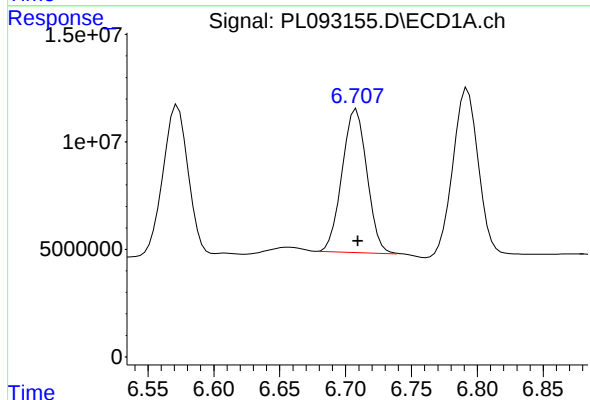
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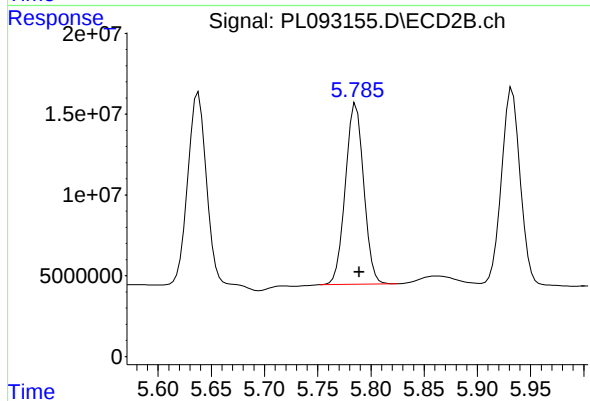
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.003 min
Response: 147398181
Conc: 52.02 ng/ml



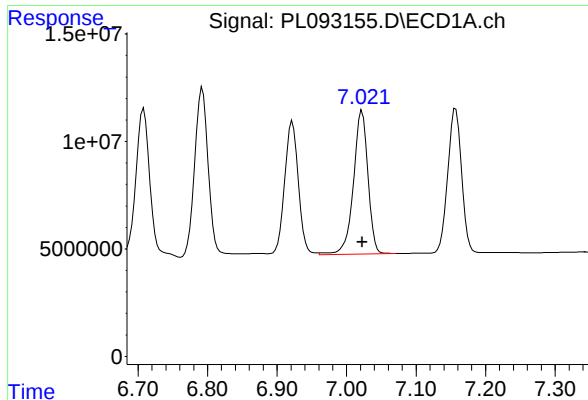
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 87671878
Conc: 45.67 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 133376617
Conc: 53.56 ng/ml



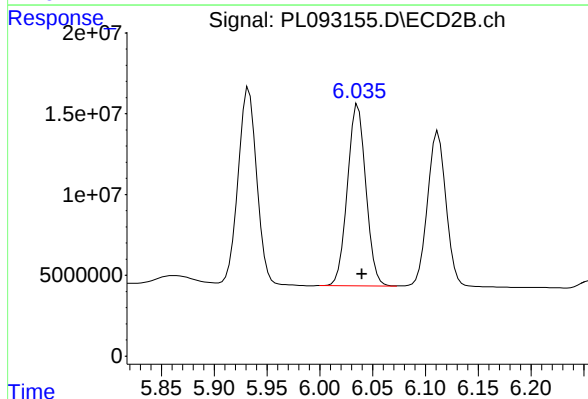
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 96479425
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165083BS

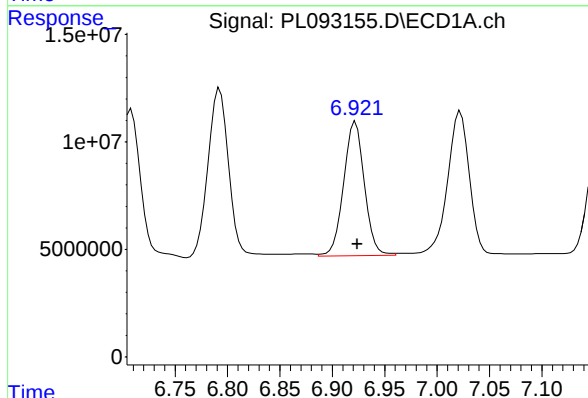
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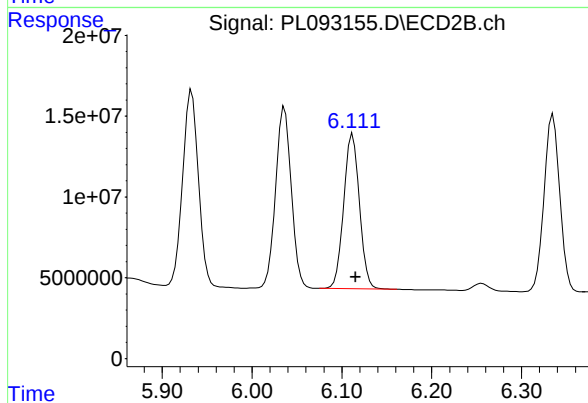
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.005 min
Response: 136406688
Conc: 50.86 ng/ml



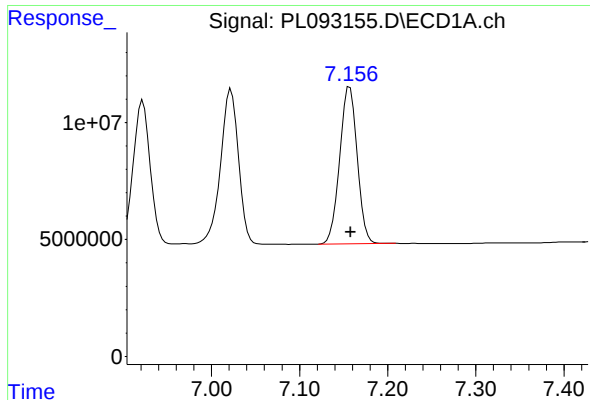
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 86270523
Conc: 45.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 116190196
Conc: 50.36 ng/ml



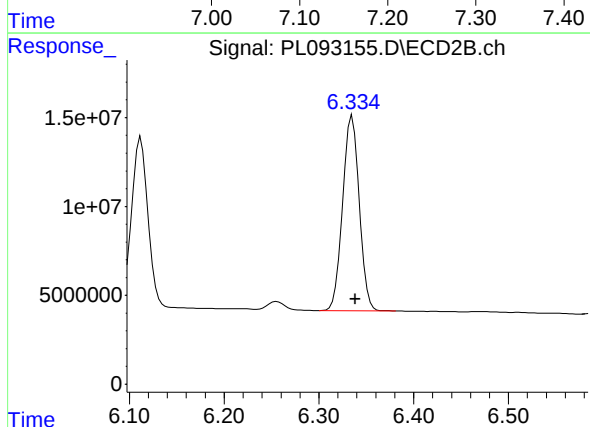
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 92879923
Conc: 42.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165083BS

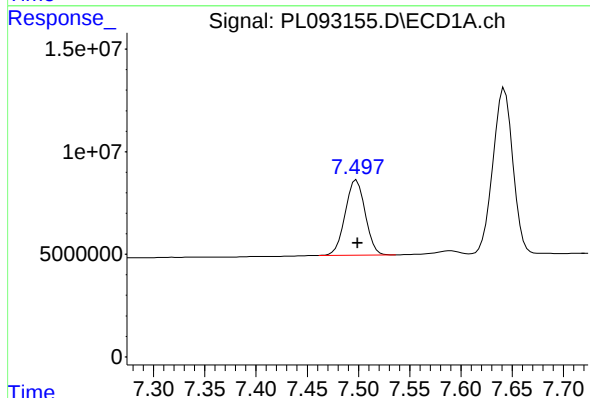
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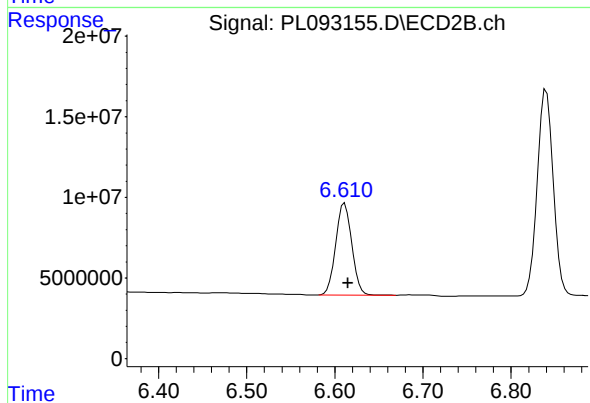
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 133366387
Conc: 49.45 ng/ml



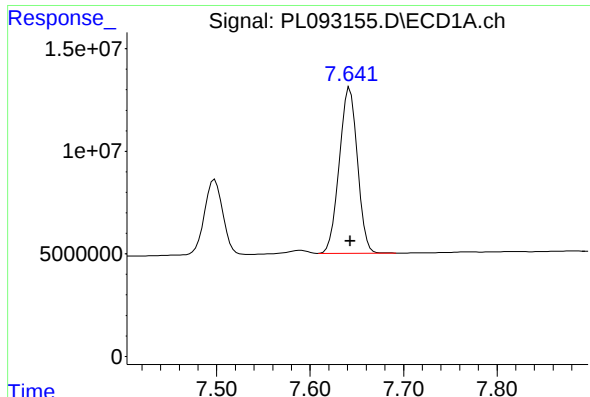
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 49558990
Conc: 43.47 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.004 min
Response: 72489720
Conc: 50.76 ng/ml



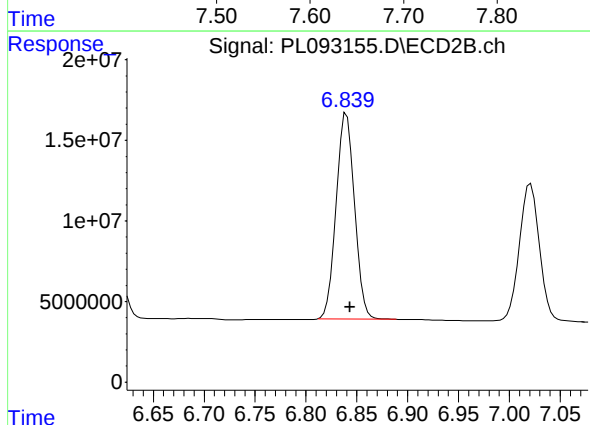
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 109028170
Conc: 45.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165083BS

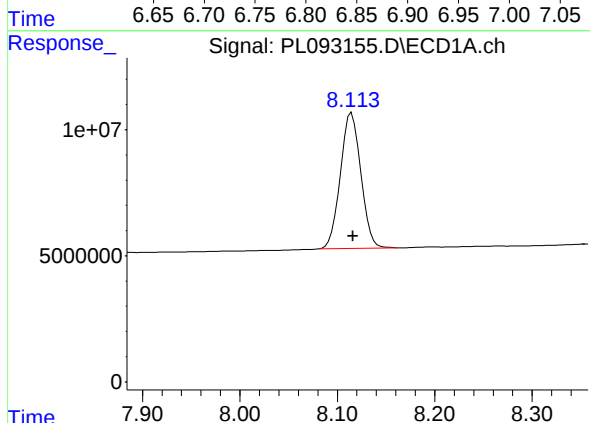
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



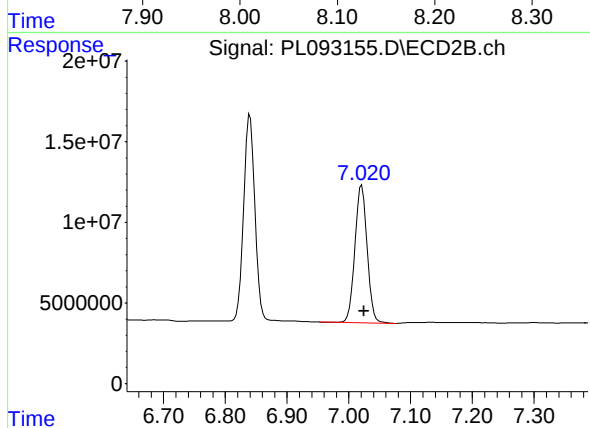
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.004 min
Response: 160564450
Conc: 52.32 ng/ml



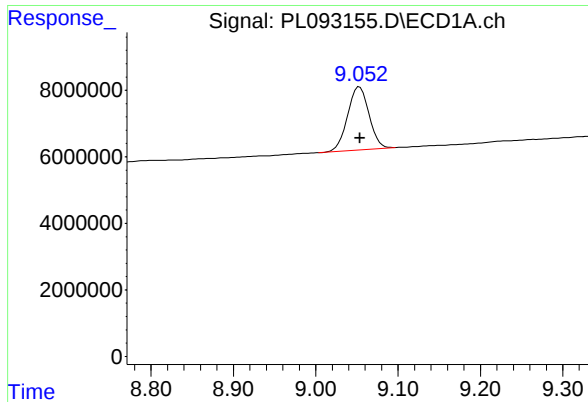
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.001 min
Response: 78654232
Conc: 39.69 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 117784978
Conc: 45.14 ng/ml



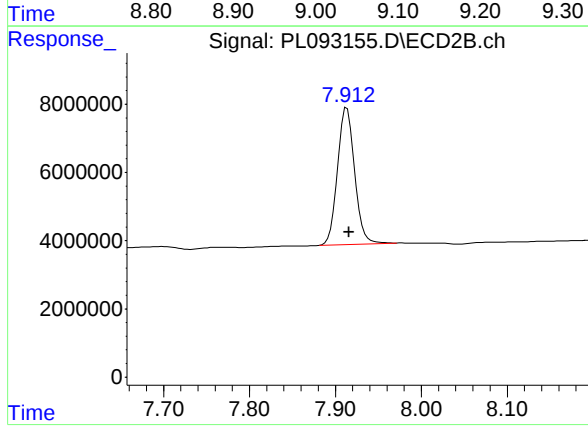
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 34230606
Conc: 17.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165083BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 55483176
Conc: 20.33 ng/ml