

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 19:08
 Operator : AR\AJ
 Sample : P4910-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-COTTAGEMS

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 23:21:03 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...	3.534	2.774	43155490	46352276	17.613m	17.034
28) SA Decachlor...	9.054	7.914	29672730	47577301	15.418	17.432
Target Compounds						
2) A alpha-BHC	3.993	3.277	146.8E6	178.0E6	43.297	44.620
3) MA gamma-BHC...	4.325	3.607	140.2E6	169.4E6	43.023	43.883
4) MA Heptachlor	4.913	3.946	135.4E6	179.6E6	45.090	47.584
5) MB Aldrin	5.255	4.226	127.2E6	168.2E6	42.380	45.964
6) B beta-BHC	4.523	3.907	63405064	76350589	43.865	46.379
7) B delta-BHC	4.770	4.136	112.8E6	143.3E6	36.039	37.294
8) B Heptachlo...	5.682	4.728	116.0E6	152.5E6	41.995	45.642
9) A Endosulfan I	6.068	5.098	108.0E6	152.5E6	43.195	49.960
10) B gamma-Chl...	5.938	4.978	112.3E6	167.8E6	42.203	49.903
11) B alpha-Chl...	6.017	5.042	114.7E6	159.7E6	43.297	48.025
12) B 4,4'-DDE	6.190	5.231	104.8E6	157.1E6	44.246	48.767
13) MA Dieldrin	6.343	5.362	112.7E6	164.5E6	42.753	49.253
14) MA Endrin	6.573	5.638	93470744	145.9E6	41.056	50.438
15) B Endosulfa...	6.792	5.933	110.6E6	140.4E6	46.376	49.540
16) A 4,4'-DDD	6.707	5.786	83513814	122.4E6	43.508m	49.136
17) MA 4,4'-DDT	7.022	6.035	98318711	128.7E6	47.503	47.982m
18) B Endrin al...	6.921	6.112	75466277	105.5E6	40.185m	45.725
19) B Endosulfa...	7.157	6.335	85440894	123.2E6	39.367	45.687
20) A Methoxychlor	7.498	6.612	48278461	68562243	42.350	48.012
21) B Endrin ke...	7.643	6.840	104.3E6	145.4E6	43.055	47.395
22) Mirex	8.115	7.021	73148008	110.5E6	36.912	42.352

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

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Acq On : 19 Nov 2024 19:08
Operator : AR\AJ
Sample : P4910-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

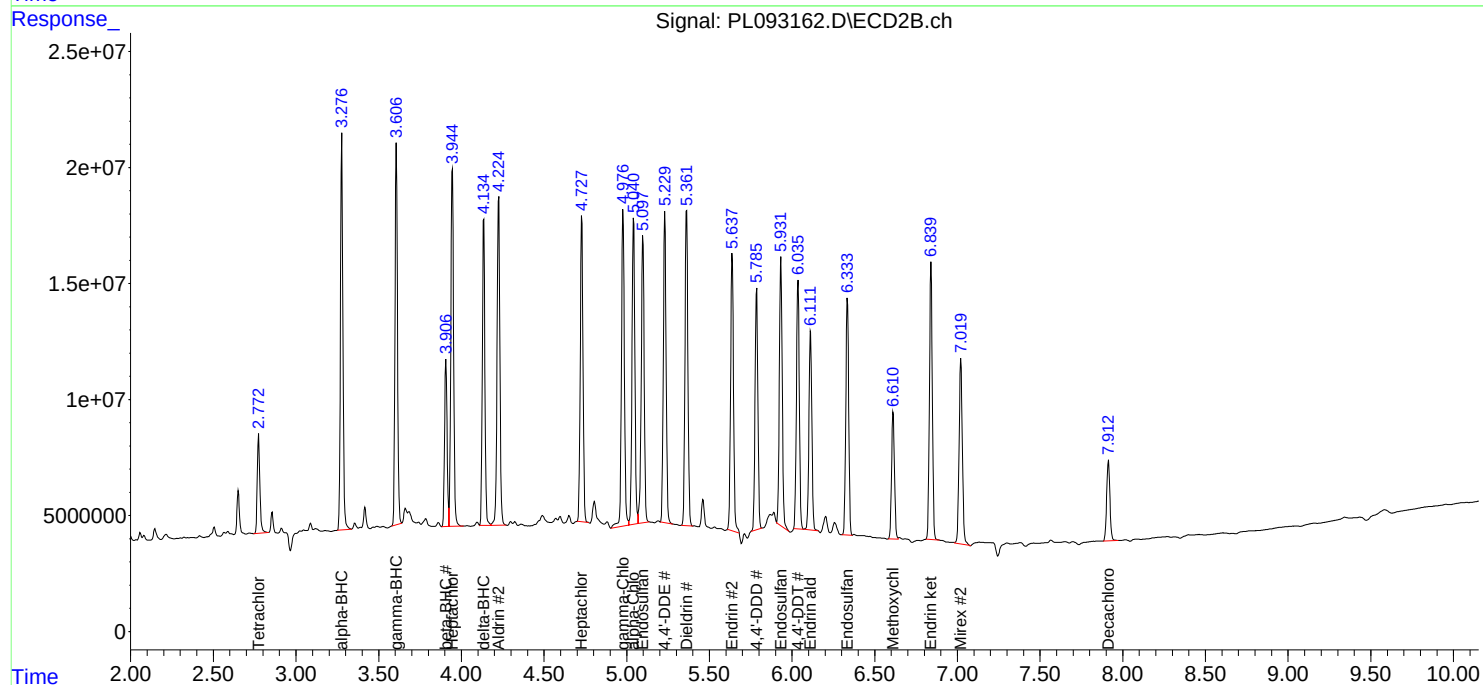
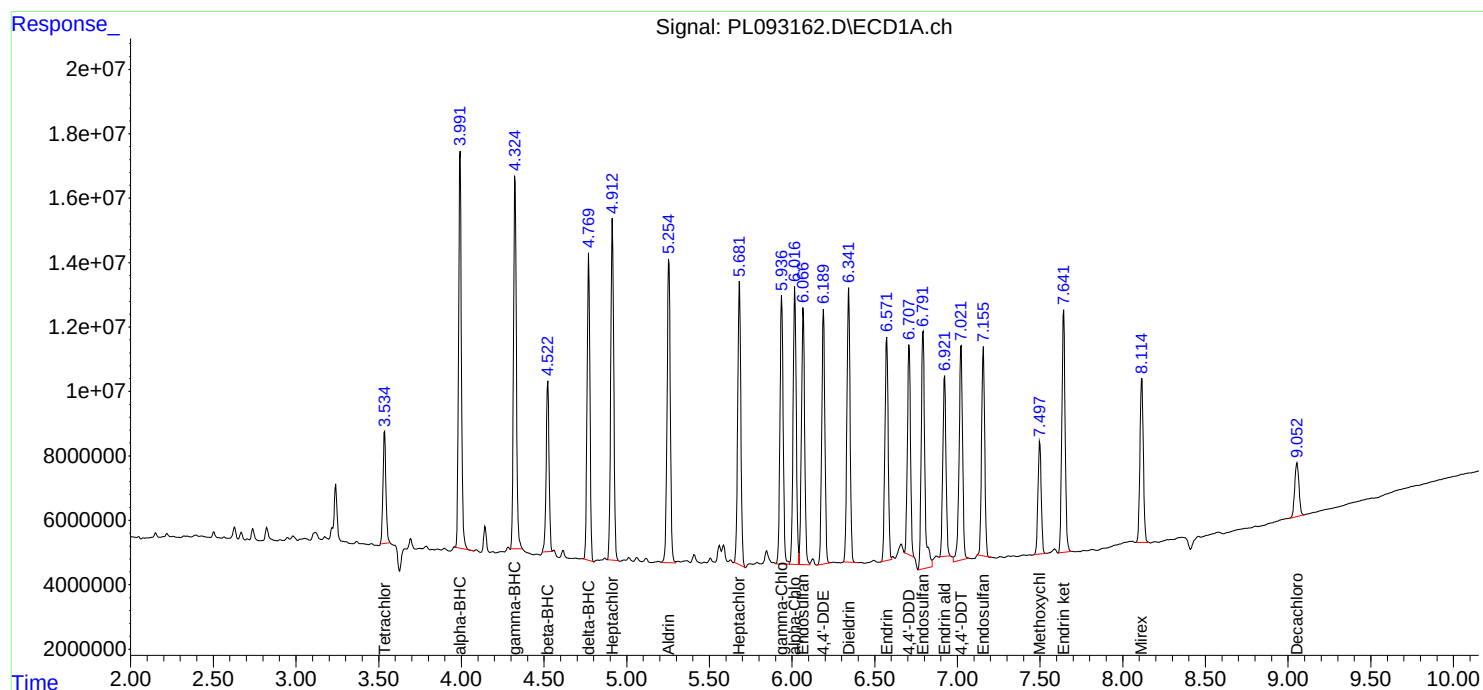
Instrument :
ECD_L
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MH-COTTAGEMS

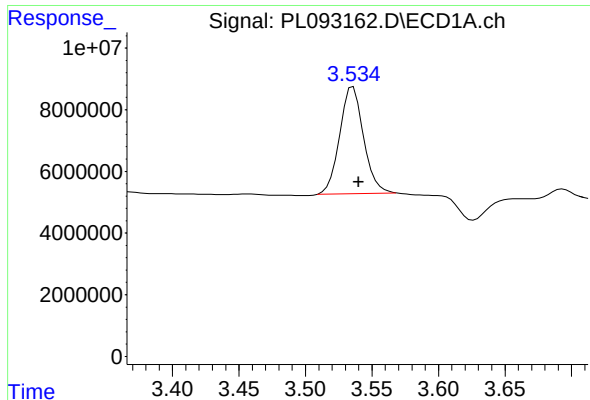
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:21:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





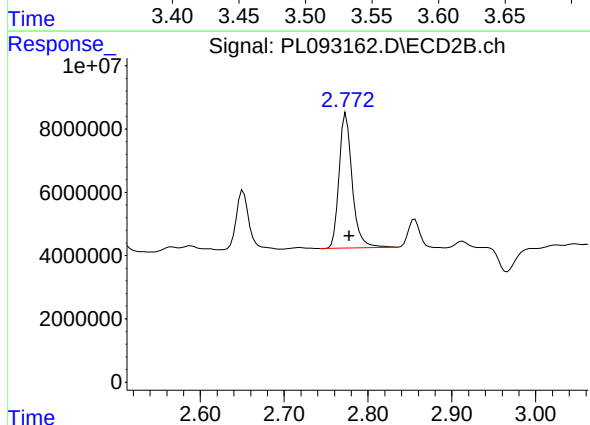
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.006 min
Response: 43155490
Conc: 17.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
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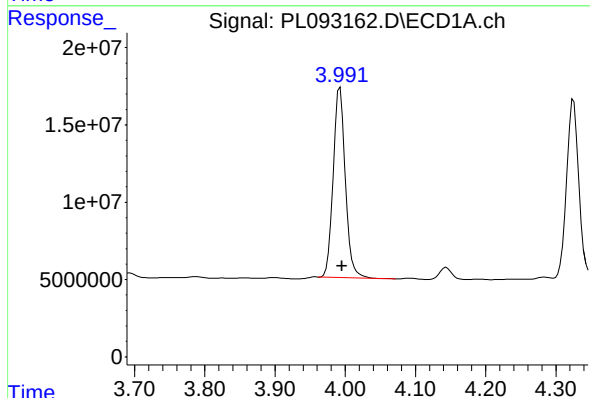
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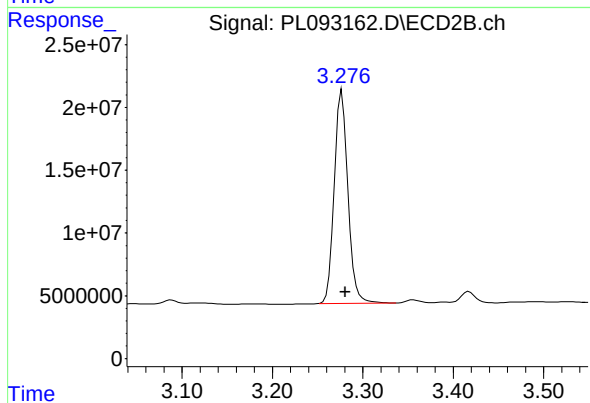
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 46352276
Conc: 17.03 ng/ml



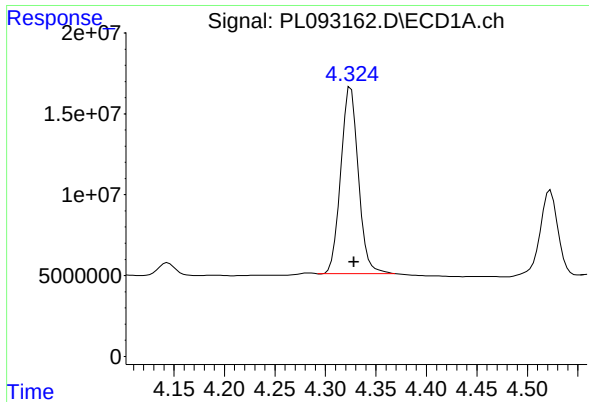
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 146846060
Conc: 43.30 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.004 min
Response: 178041215
Conc: 44.62 ng/ml



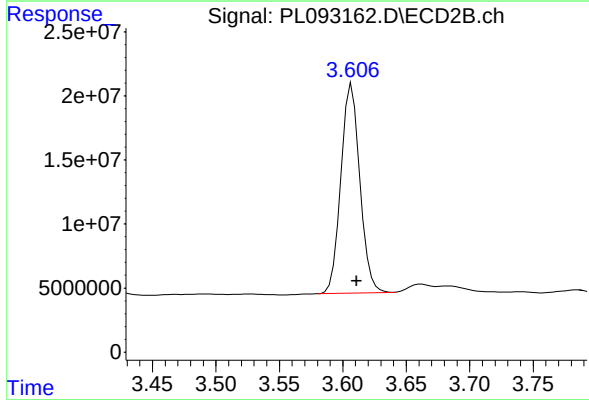
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 140236000
Conc: 43.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMS

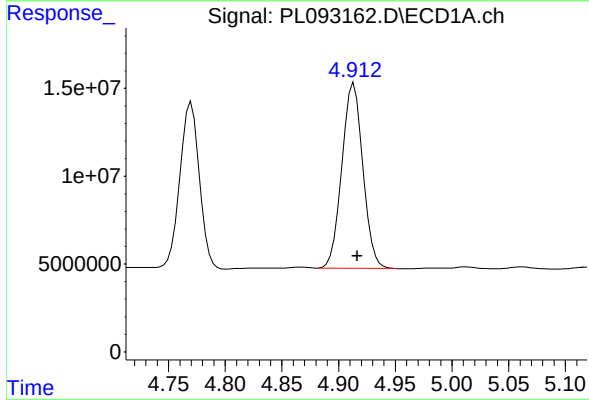
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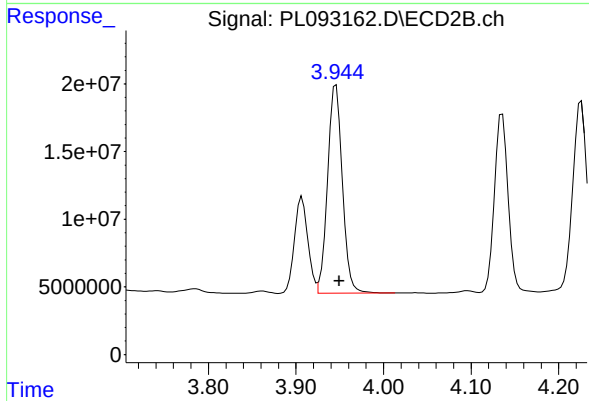
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.004 min
Response: 169365603
Conc: 43.88 ng/ml



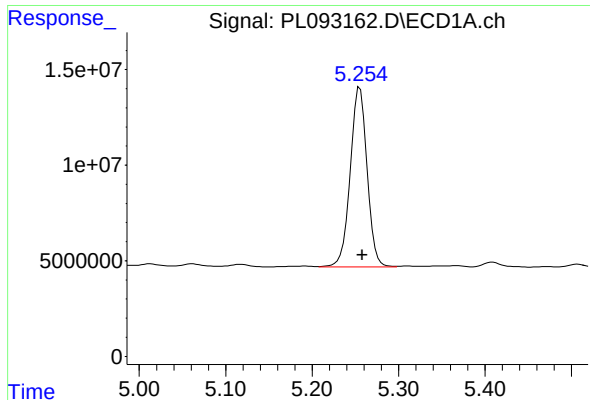
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 135411812
Conc: 45.09 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 179578402
Conc: 47.58 ng/ml



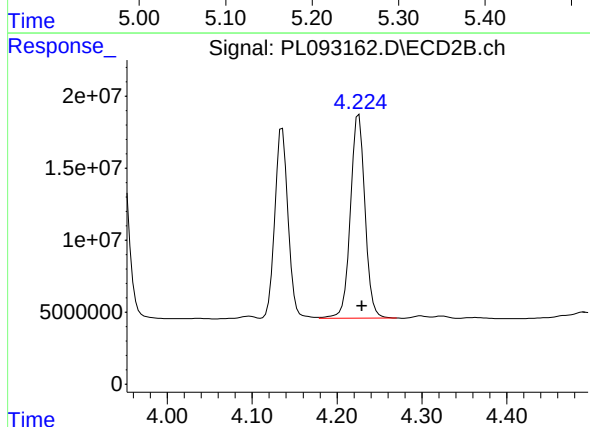
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.003 min
Response: 127201606
Conc: 42.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMS

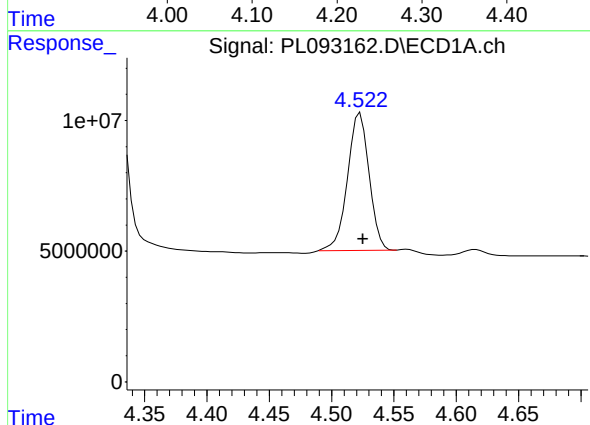
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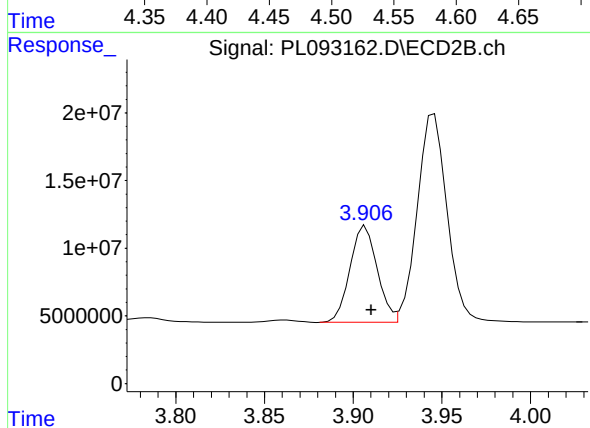
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.004 min
Response: 168236994
Conc: 45.96 ng/ml



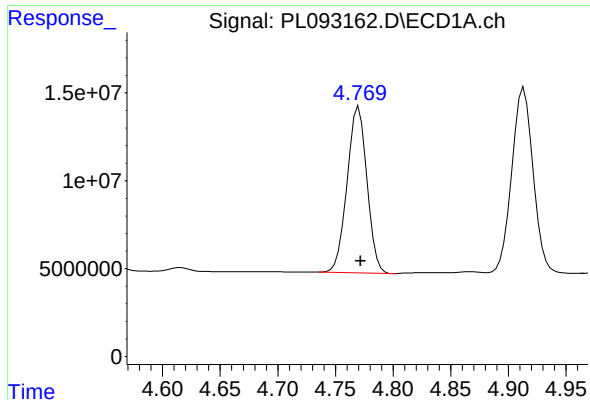
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 63405064
Conc: 43.86 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 76350589
Conc: 46.38 ng/ml



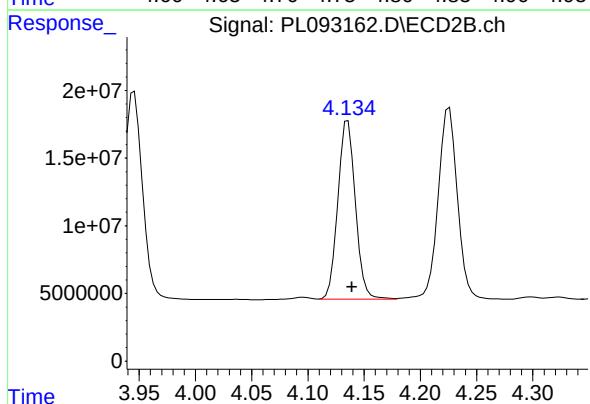
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 112796196
Conc: 36.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMS

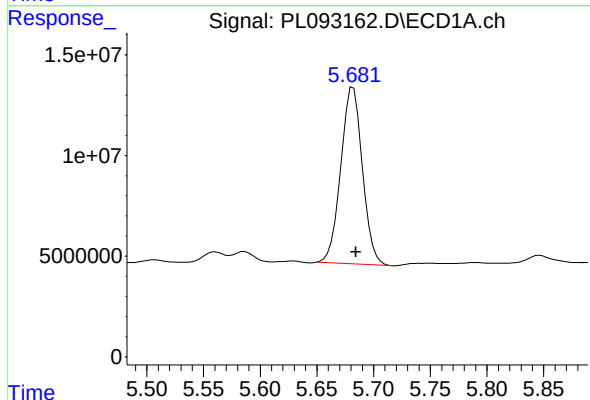
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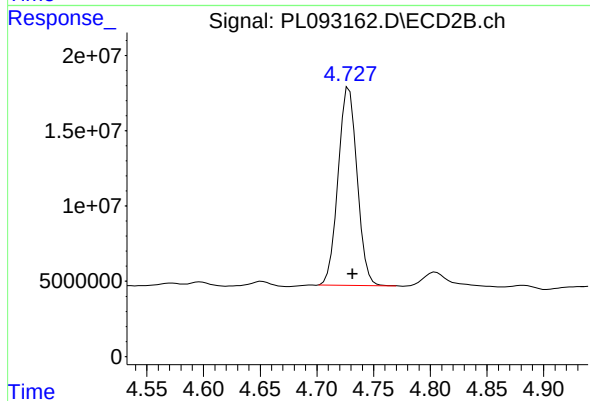
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.004 min
Response: 143326460
Conc: 37.29 ng/ml



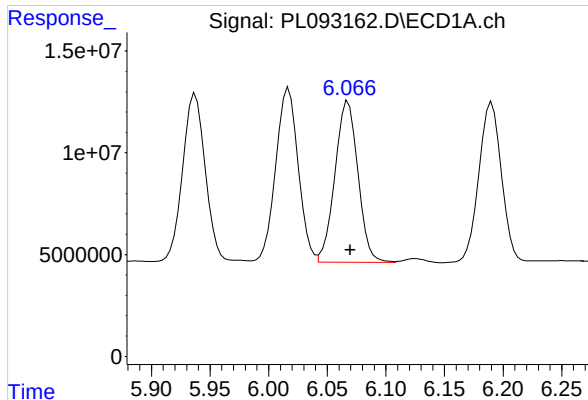
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 115964805
Conc: 41.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 152508972
Conc: 45.64 ng/ml



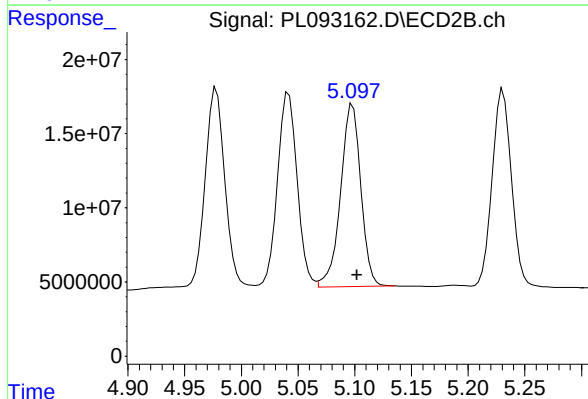
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 108047557
Conc: 43.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMS

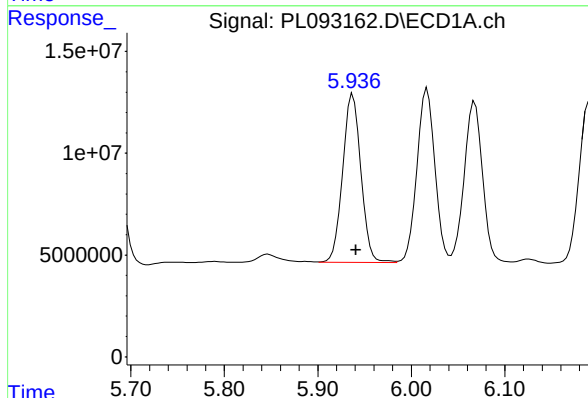
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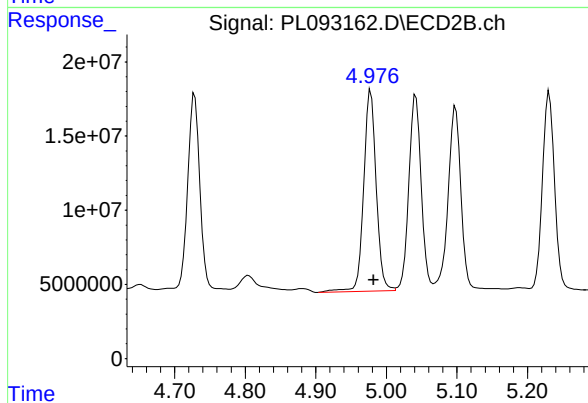
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 152536349
Conc: 49.96 ng/ml



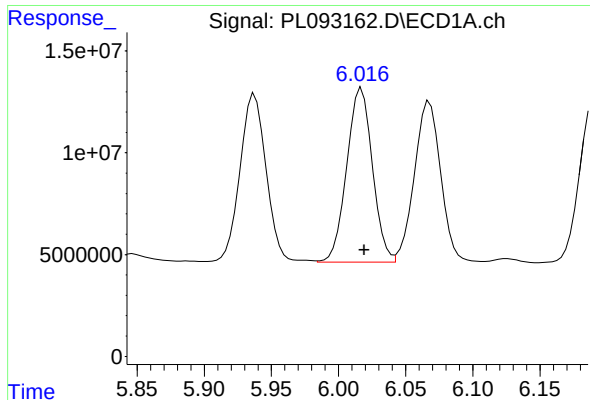
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 112288202
Conc: 42.20 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 167759937
Conc: 49.90 ng/ml



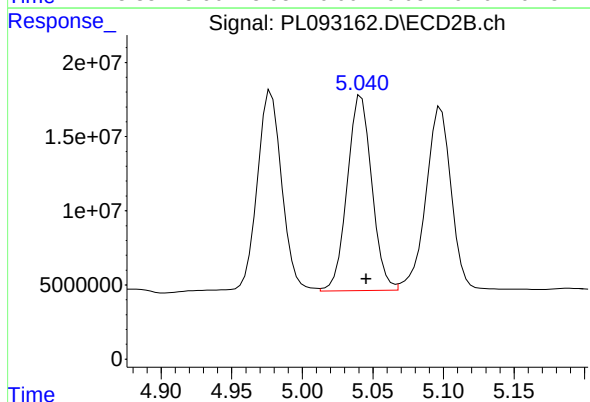
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 114657081
Conc: 43.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMS

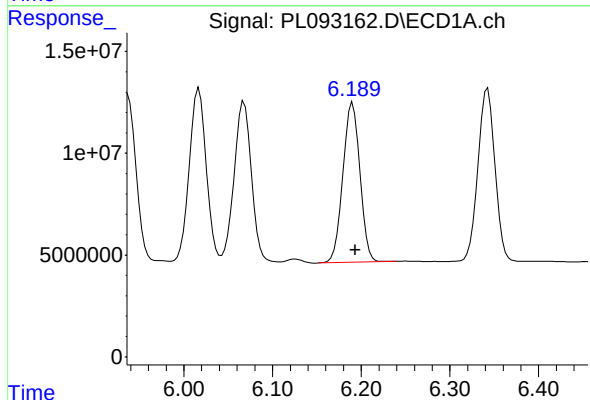
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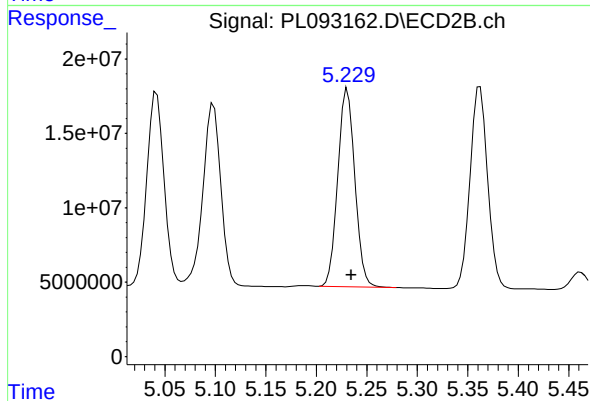
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.004 min
Response: 159733453
Conc: 48.03 ng/ml



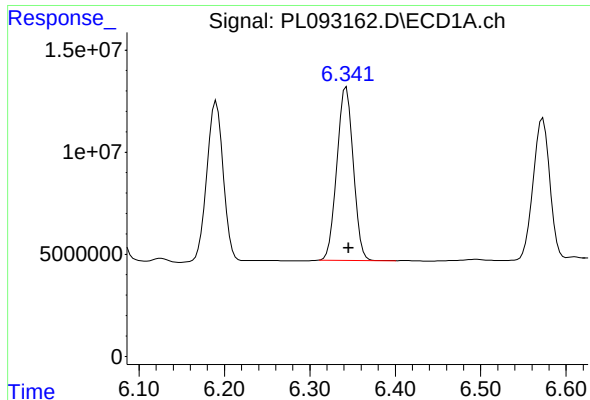
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 104828178
Conc: 44.25 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 157108284
Conc: 48.77 ng/ml



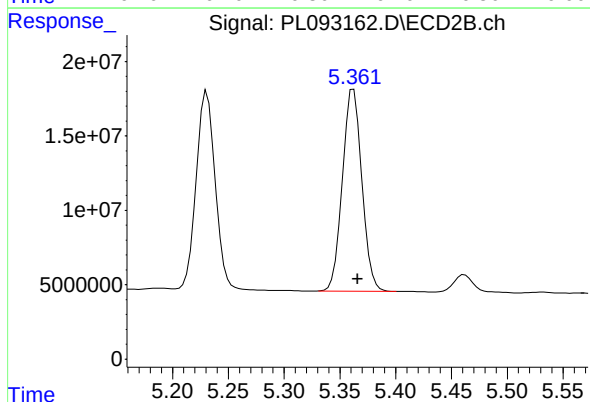
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 112673207
Conc: 42.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMS

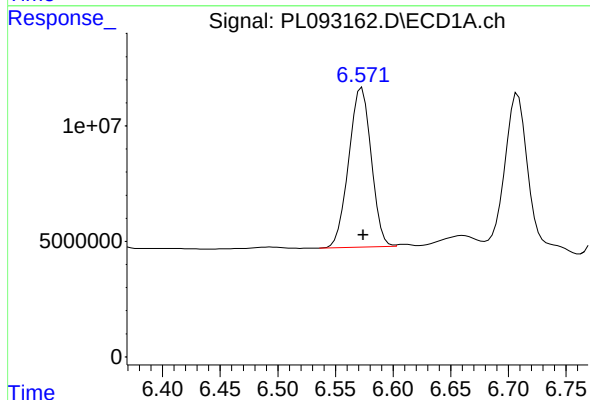
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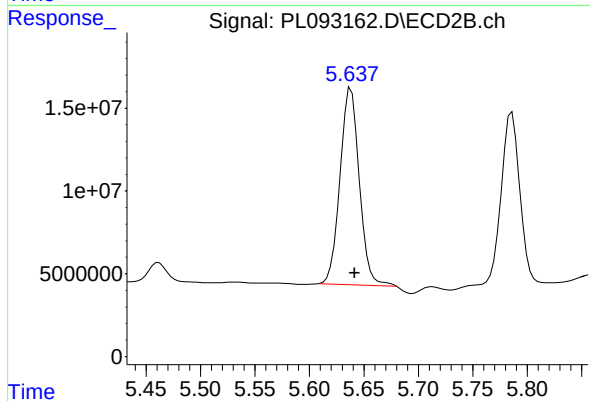
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 164520928
Conc: 49.25 ng/ml



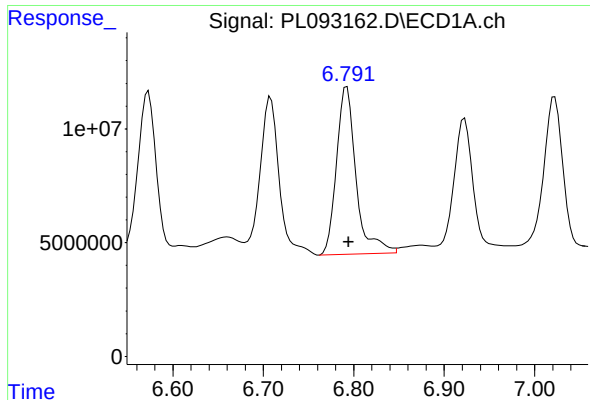
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 93470744
Conc: 41.06 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 145916665
Conc: 50.44 ng/ml



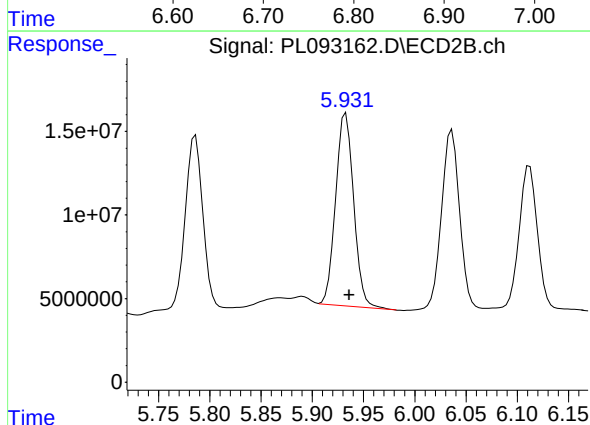
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 110553558
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMS

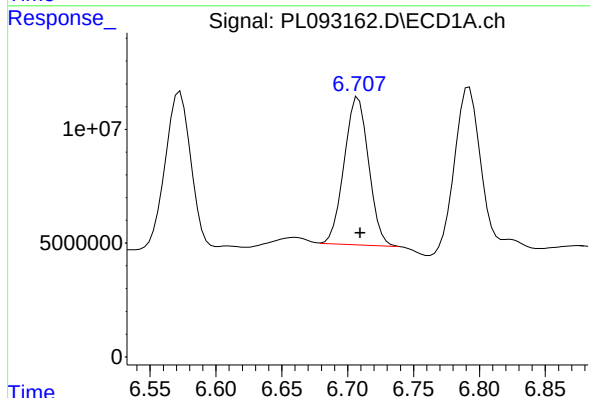
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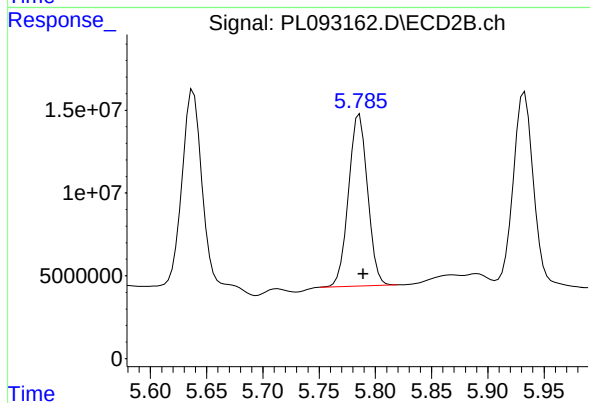
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.003 min
Response: 140359432
Conc: 49.54 ng/ml



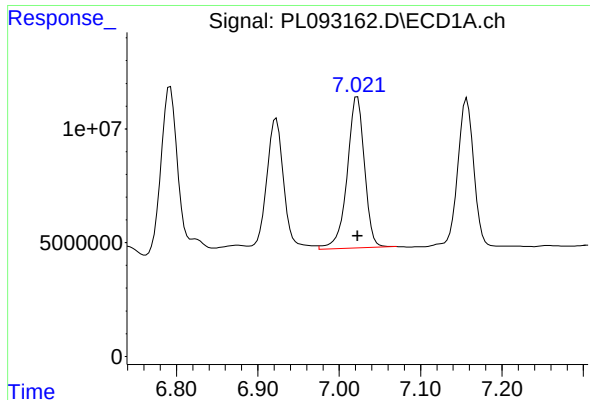
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 83513814
Conc: 43.51 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 122352736
Conc: 49.14 ng/ml



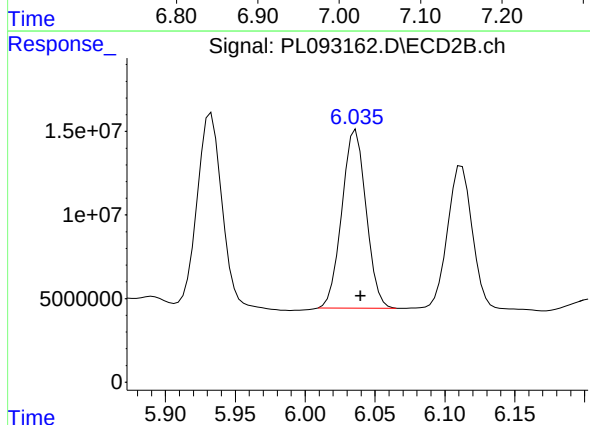
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 98318711
Conc: 47.50 ng/ml

Instrument :
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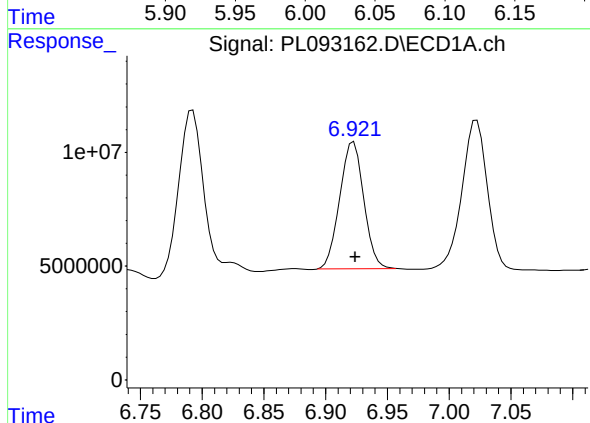
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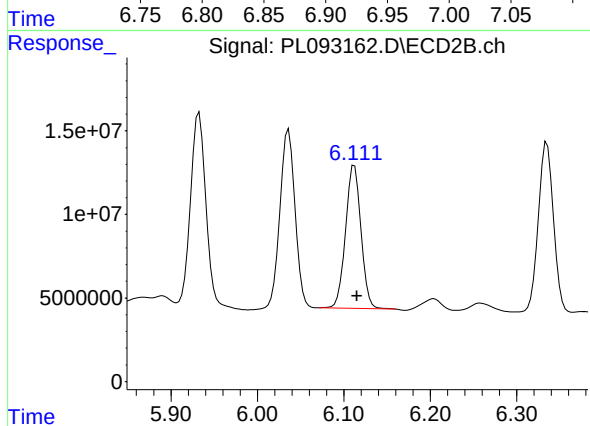
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.005 min
Response: 128698865
Conc: 47.98 ng/ml



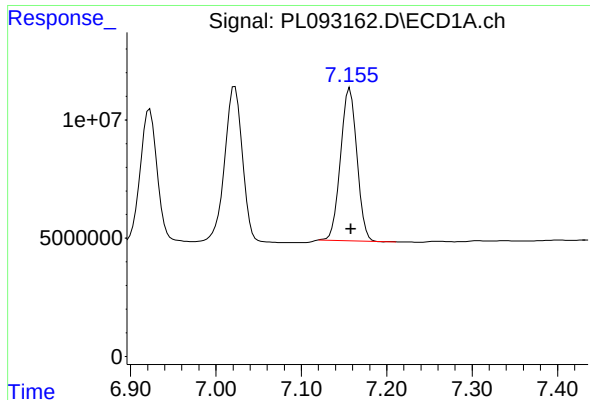
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 75466277
Conc: 40.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 105501209
Conc: 45.73 ng/ml



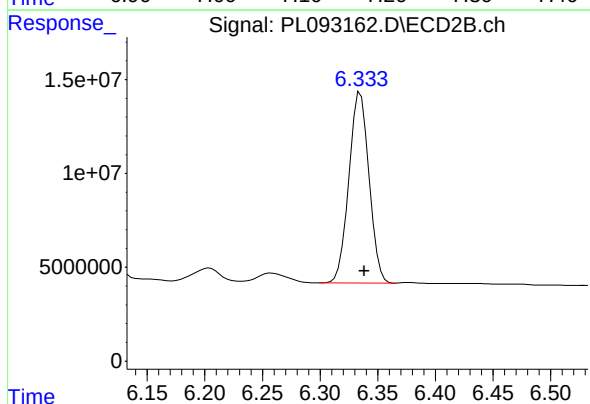
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 85440894
Conc: 39.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMS

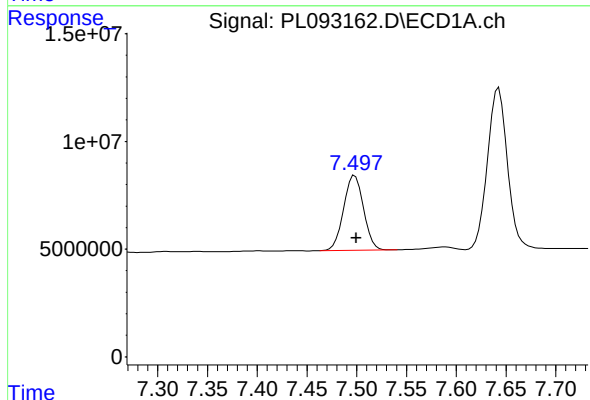
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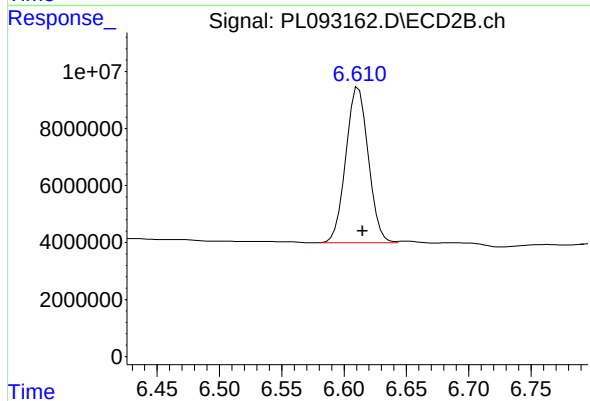
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 123212144
Conc: 45.69 ng/ml



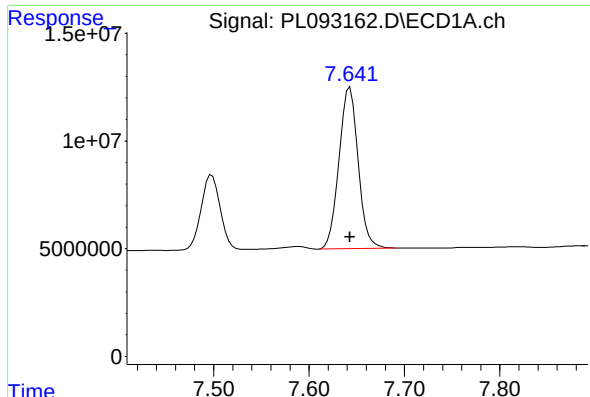
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 48278461
Conc: 42.35 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 68562243
Conc: 48.01 ng/ml



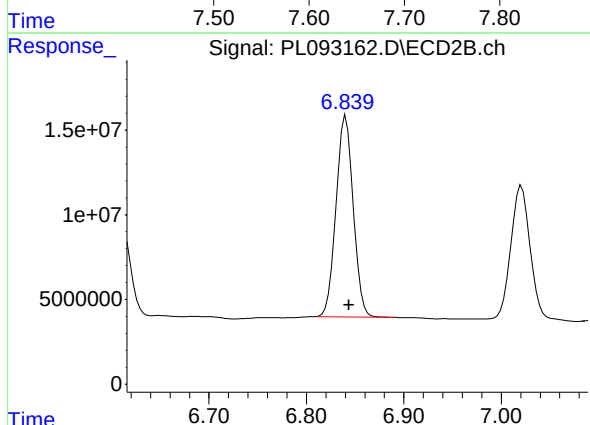
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 104315460
Conc: 43.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMS

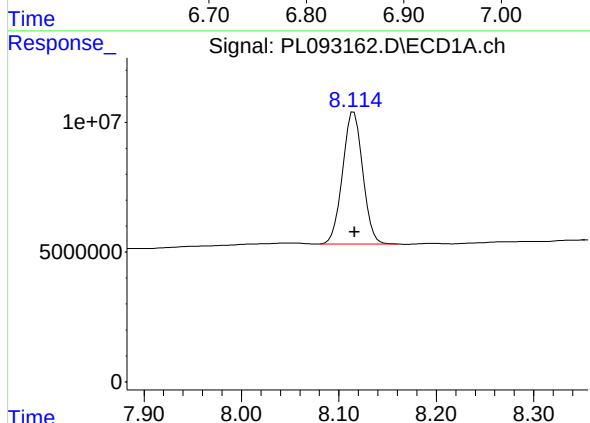
Manual Integrations
APPROVED

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



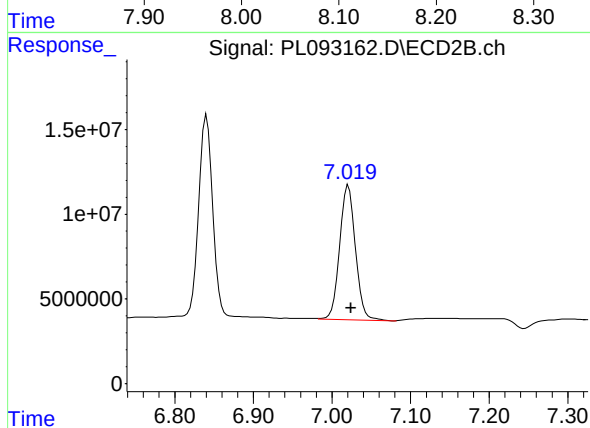
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 145446255
Conc: 47.40 ng/ml



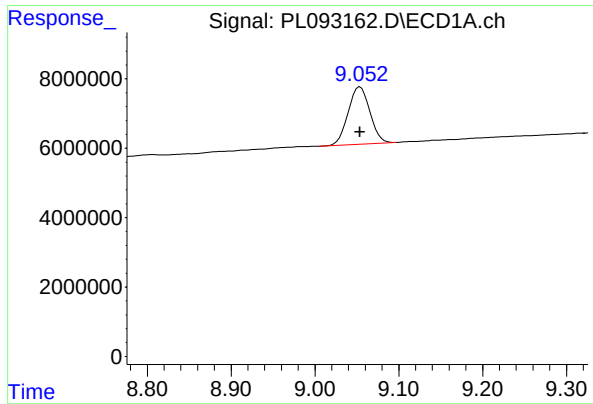
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 73148008
Conc: 36.91 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 110499544
Conc: 42.35 ng/ml



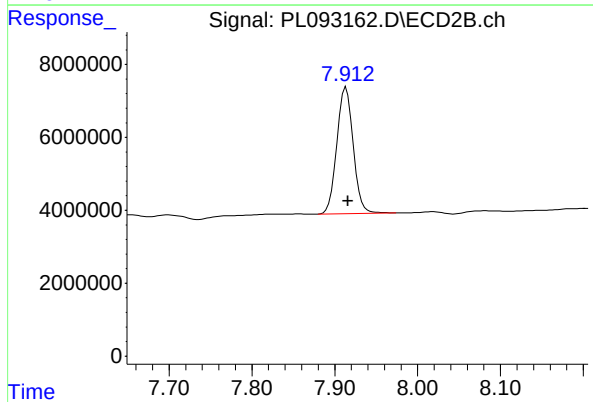
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 29672730
Conc: 15.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMS

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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 47577301
Conc: 17.43 ng/ml