

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121323\
 Data File : PL087138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2023 16:50
 Operator : AR\AJ
 Sample : PB157752BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157752BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/14/2023
 Supervised By :Ankita Jodhani 12/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 23:34:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 2023
 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...	3.461	2.703	92150064	26161669	25.256	26.489
28)	SA Decachlor...	9.059	7.902	88044241	29931233	29.088	29.219
Target Compounds							
2)	A alpha-BHC	3.920	3.211	234.2E6	60706184	44.580	45.970
3)	MA gamma-BHC...	4.256	3.543	216.4E6	59431271	44.069	45.390
4)	MA Heptachlor	4.851	3.886	229.3E6	58393272	45.245	44.975
5)	MB Aldrin	5.195	4.167	213.5E6	55096691	44.532	44.905
6)	B beta-BHC	4.457	3.845	90573047	26712920	43.110	44.776
7)	B delta-BHC	4.705	4.075	205.5E6	58712696	44.919	45.753
8)	B Heptachlo...	5.628	4.676	195.5E6	52596892	46.115	45.580
9)	A Endosulfan I	6.016	5.047	184.6E6	52383169	45.756	43.091
10)	B gamma-Chl...	5.887	4.929	199.7E6	55987301	46.546	45.749
11)	B alpha-Chl...	5.968	4.994	197.1E6	56170205	46.090	44.647
12)	B 4,4'-DDE	6.152	5.192	155.5E6	48863648	47.490m	47.008
13)	MA Dieldrin	6.296	5.315	185.4E6	53447316	45.498	45.932
14)	MA Endrin	6.526	5.590	148.7E6	47206109	44.648	46.171
15)	B Endosulfa...	6.750	5.888	150.5E6	46629282	41.527	47.639
16)	A 4,4'-DDD	6.677	5.751	119.5E6	41587628	49.095	50.154
17)	MA 4,4'-DDT	6.994	6.004	135.6E6	42325867	48.010m	48.246
18)	B Endrin al...	6.882	6.070	111.4E6	35947139	47.317	45.115
19)	B Endosulfa...	7.120	6.296	154.5E6	46701823	47.001	49.986
20)	A Methoxychlor	7.488	6.591	67416478	24949778	46.100	45.760
21)	B Endrin ke...	7.608	6.801	155.7E6	53443133	47.987	49.726
22)	Mirex	8.086	6.983	131.2E6	42944219	44.563	45.697

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121323\
Data File : PL087138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2023 16:50
Operator : AR\AJ
Sample : PB157752BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

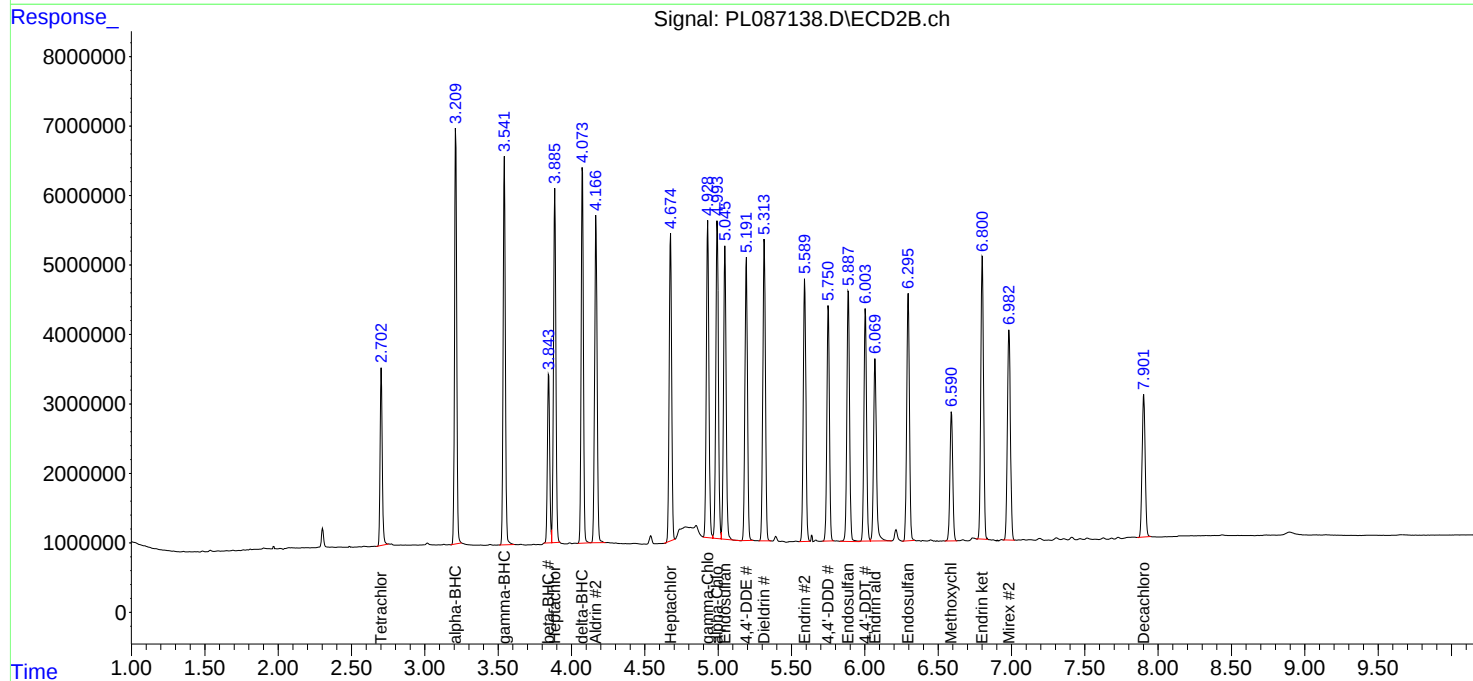
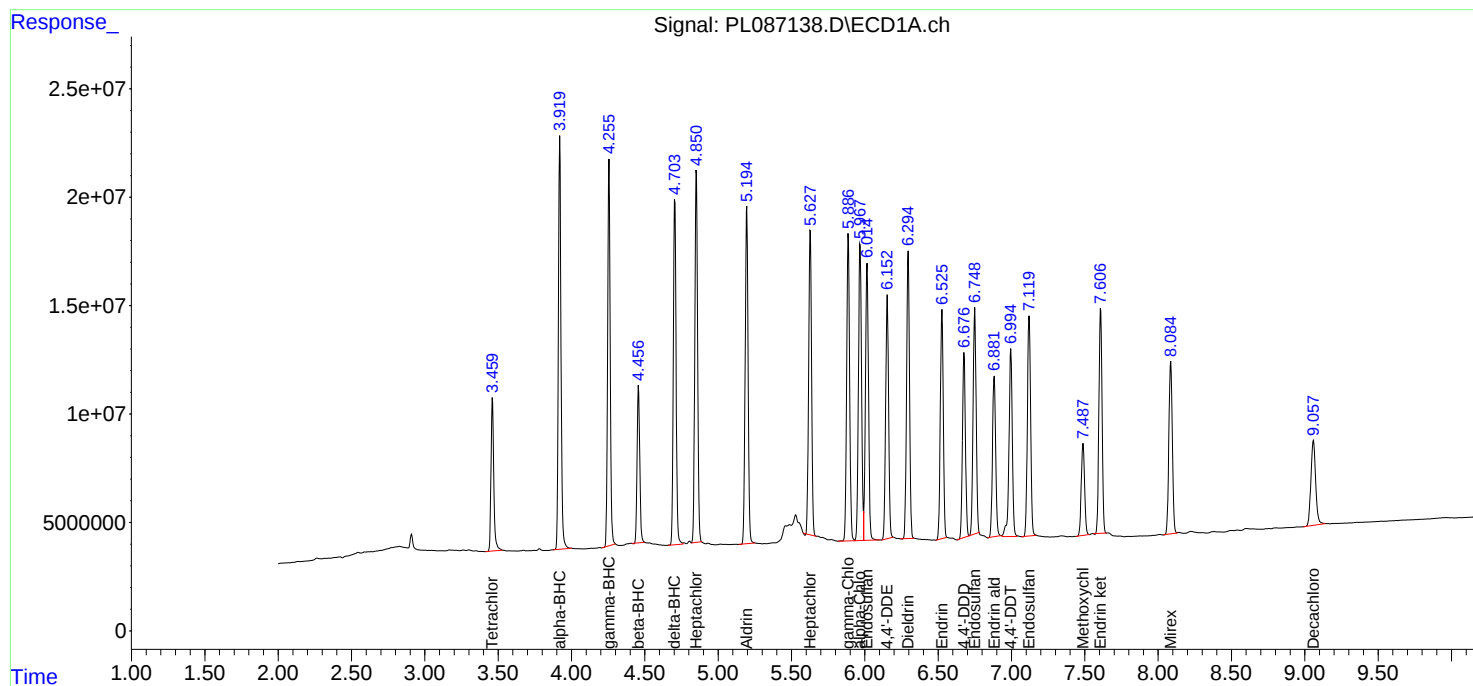
Instrument :
ECD_L
ClientSampleId :
PB157752BSD

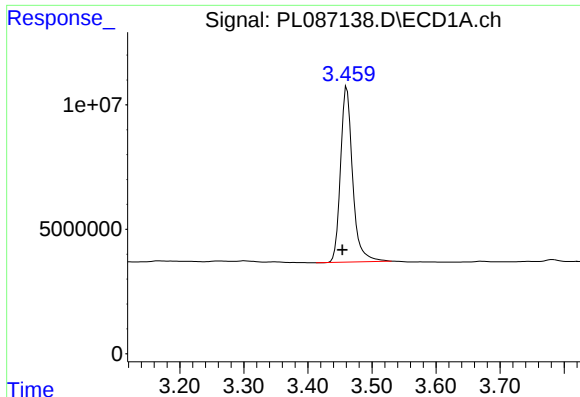
Manual Integrations
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Supervised By :Ankita Jodhani 12/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 23:34:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
Quant Title : GC Extractables
QLast Update : Tue Dec 12 17:22:26 2023
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





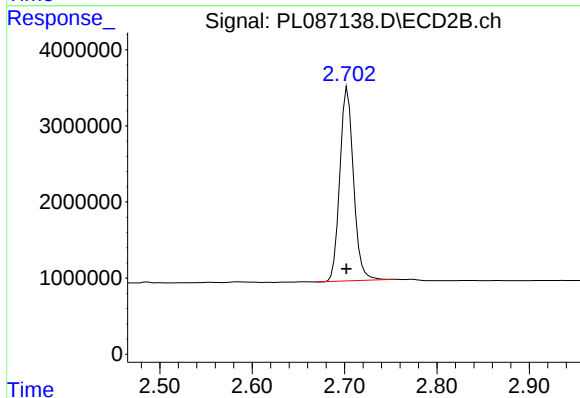
#1 Tetrachloro-m-xylene

R.T.: 3.461 min
Delta R.T.: 0.007 min
Response: 92150064
Conc: 25.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

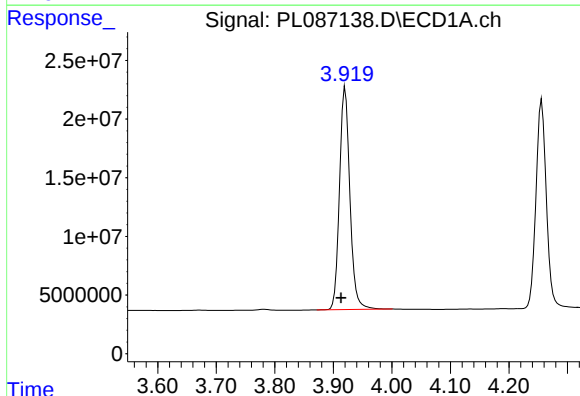
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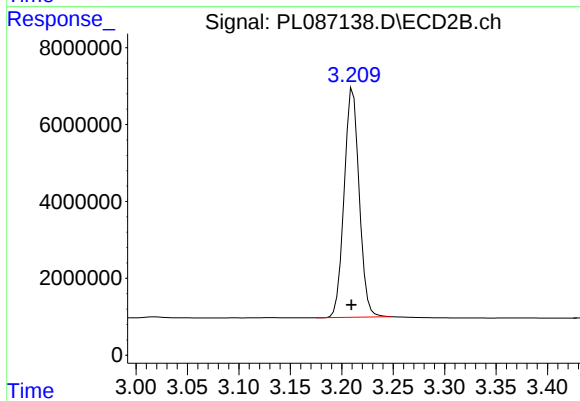
#1 Tetrachloro-m-xylene

R.T.: 2.703 min
Delta R.T.: 0.001 min
Response: 26161669
Conc: 26.49 ng/ml



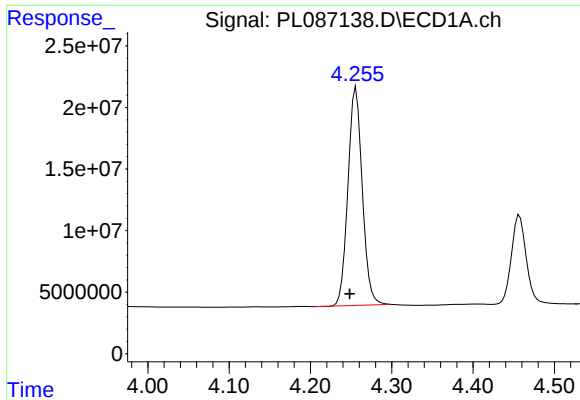
#2 alpha-BHC

R.T.: 3.920 min
Delta R.T.: 0.007 min
Response: 234188357
Conc: 44.58 ng/ml



#2 alpha-BHC

R.T.: 3.211 min
Delta R.T.: 0.001 min
Response: 60706184
Conc: 45.97 ng/ml



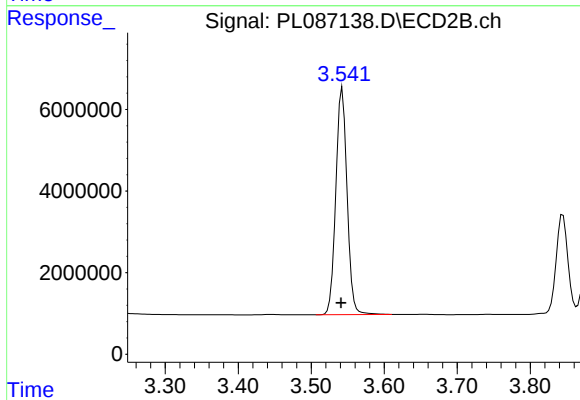
#3 gamma-BHC (Lindane)

R.T.: 4.256 min
Delta R.T.: 0.008 min
Response: 216446552
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

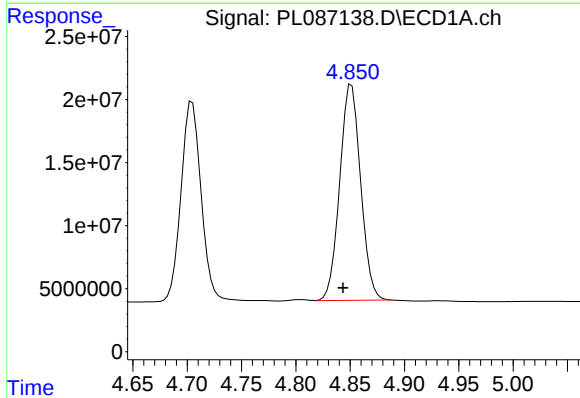
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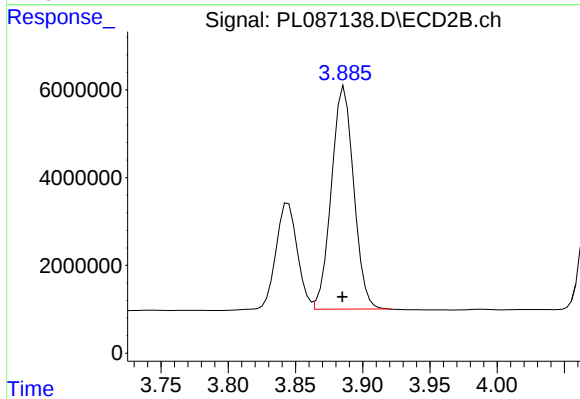
#3 gamma-BHC (Lindane)

R.T.: 3.543 min
Delta R.T.: 0.001 min
Response: 59431271
Conc: 45.39 ng/ml



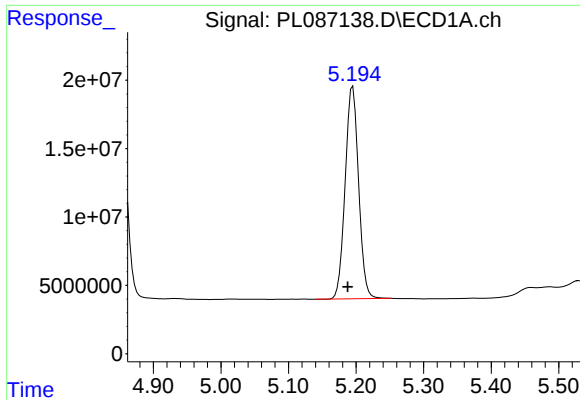
#4 Heptachlor

R.T.: 4.851 min
Delta R.T.: 0.008 min
Response: 229348205
Conc: 45.25 ng/ml



#4 Heptachlor

R.T.: 3.886 min
Delta R.T.: 0.001 min
Response: 58393272
Conc: 44.97 ng/ml



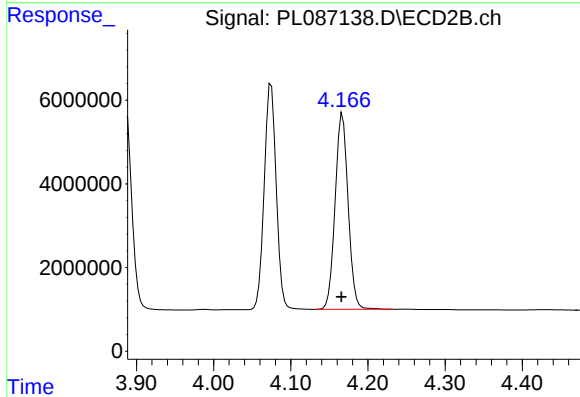
#5 Aldrin

R.T.: 5.195 min
Delta R.T.: 0.008 min
Response: 213504944
Conc: 44.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

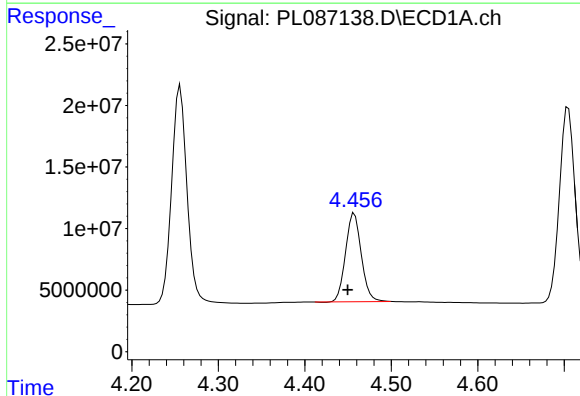
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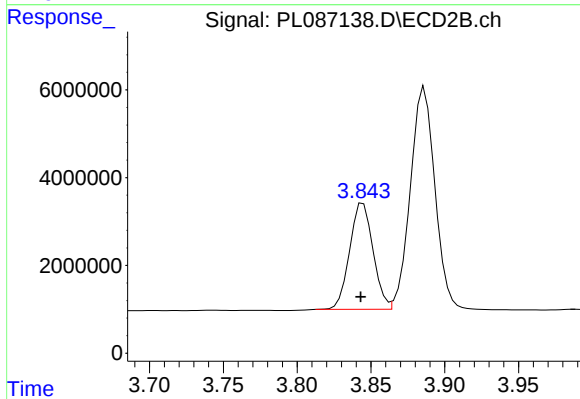
#5 Aldrin

R.T.: 4.167 min
Delta R.T.: 0.001 min
Response: 55096691
Conc: 44.91 ng/ml



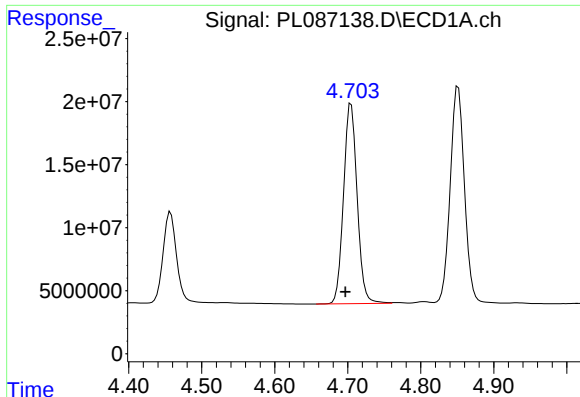
#6 beta-BHC

R.T.: 4.457 min
Delta R.T.: 0.007 min
Response: 90573047
Conc: 43.11 ng/ml



#6 beta-BHC

R.T.: 3.845 min
Delta R.T.: 0.002 min
Response: 26712920
Conc: 44.78 ng/ml



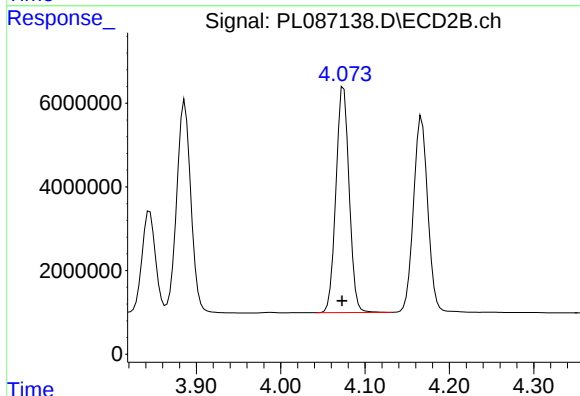
#7 delta-BHC

R.T.: 4.705 min
Delta R.T.: 0.008 min
Response: 205483740
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

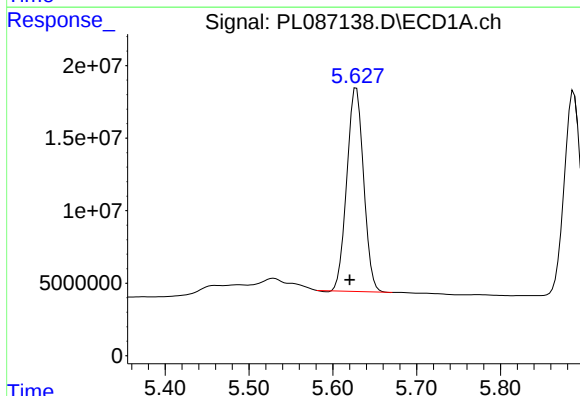
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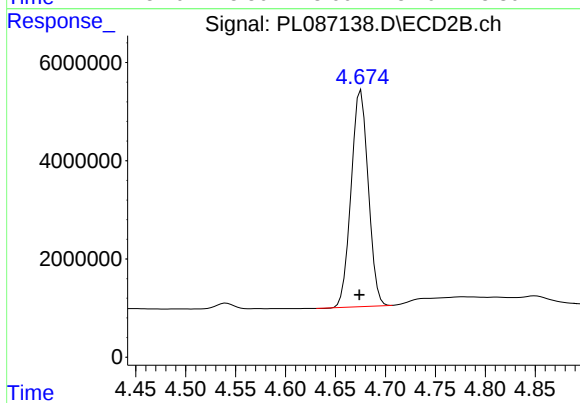
#7 delta-BHC

R.T.: 4.075 min
Delta R.T.: 0.002 min
Response: 58712696
Conc: 45.75 ng/ml



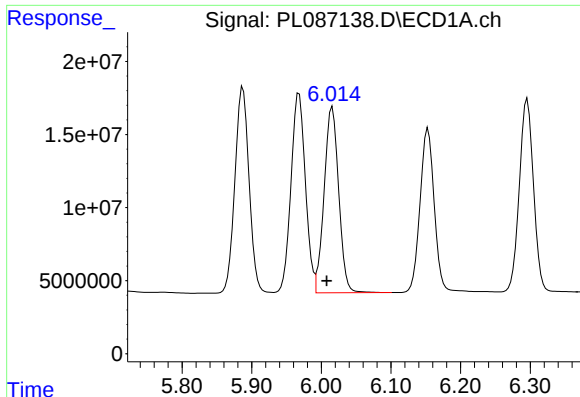
#8 Heptachlor epoxide

R.T.: 5.628 min
Delta R.T.: 0.008 min
Response: 195459887
Conc: 46.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.676 min
Delta R.T.: 0.001 min
Response: 52596892
Conc: 45.58 ng/ml



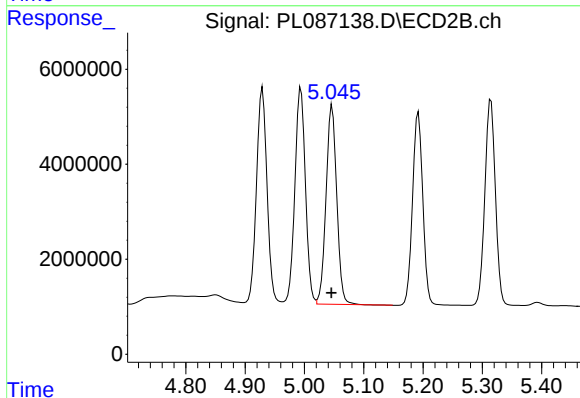
#9 Endosulfan I

R.T.: 6.016 min
Delta R.T.: 0.008 min
Response: 184617162
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

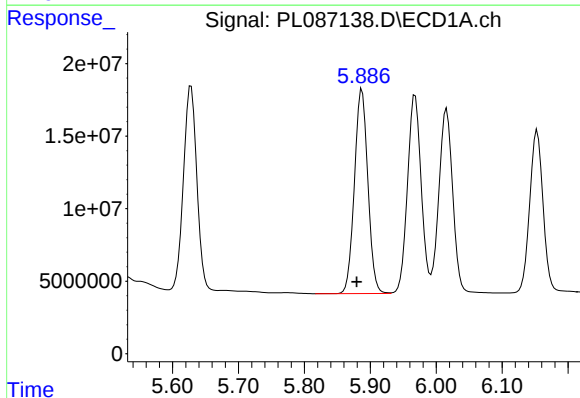
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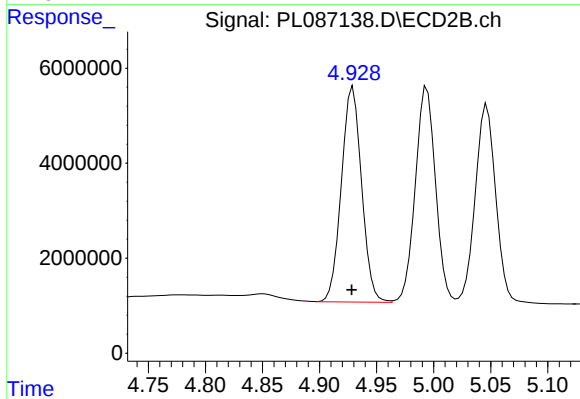
#9 Endosulfan I

R.T.: 5.047 min
Delta R.T.: 0.001 min
Response: 52383169
Conc: 43.09 ng/ml



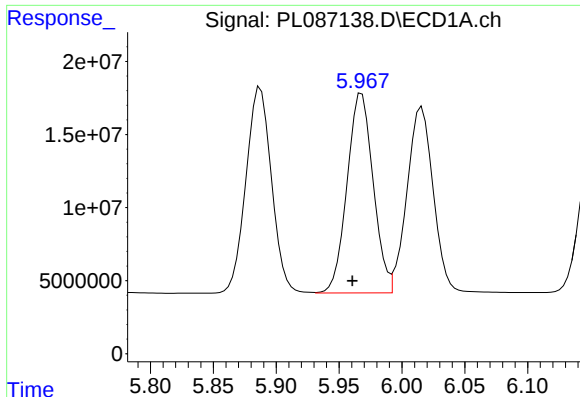
#10 gamma-Chlordane

R.T.: 5.887 min
Delta R.T.: 0.008 min
Response: 199710425
Conc: 46.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 55987301
Conc: 45.75 ng/ml



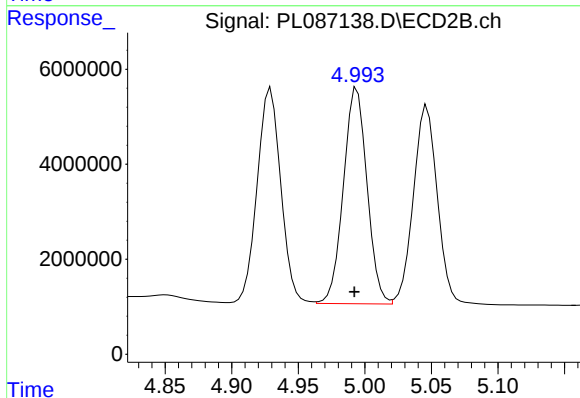
#11 alpha-Chlordane

R.T.: 5.968 min
Delta R.T.: 0.007 min
Response: 197113908
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

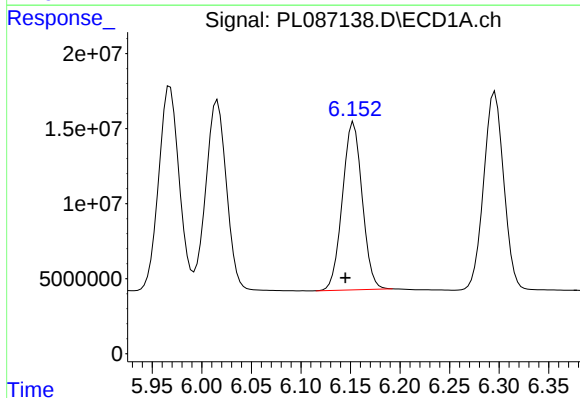
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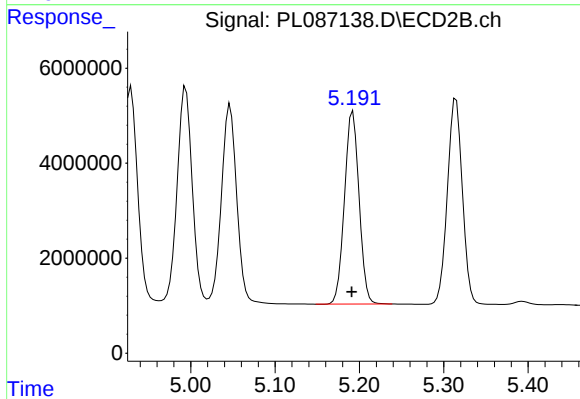
#11 alpha-Chlordane

R.T.: 4.994 min
Delta R.T.: 0.002 min
Response: 56170205
Conc: 44.65 ng/ml



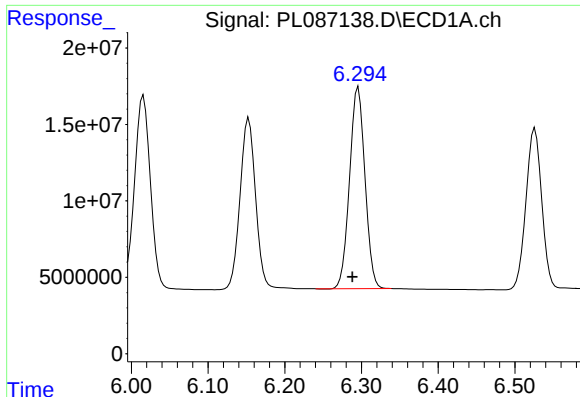
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: 0.007 min
Response: 155456469
Conc: 47.49 ng/ml m



#12 4,4'-DDE

R.T.: 5.192 min
Delta R.T.: 0.001 min
Response: 48863648
Conc: 47.01 ng/ml



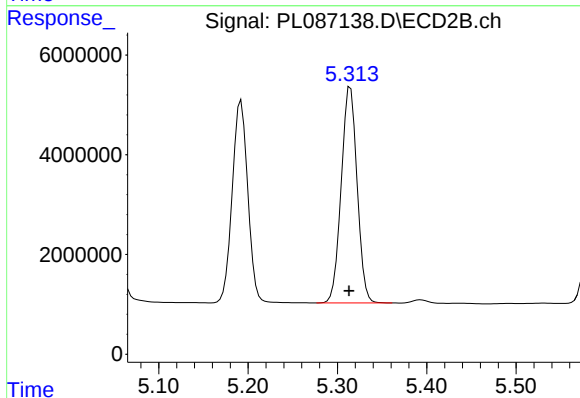
#13 Dieldrin

R.T.: 6.296 min
Delta R.T.: 0.008 min
Response: 185424096
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

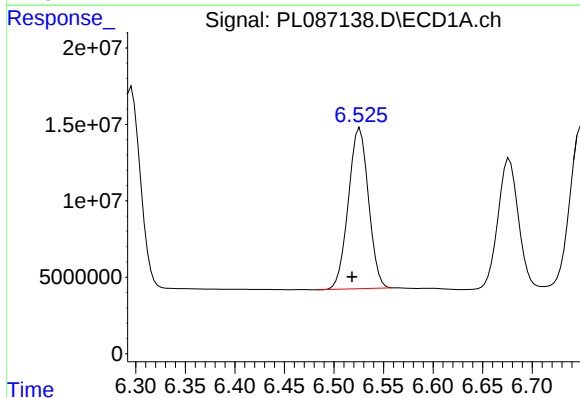
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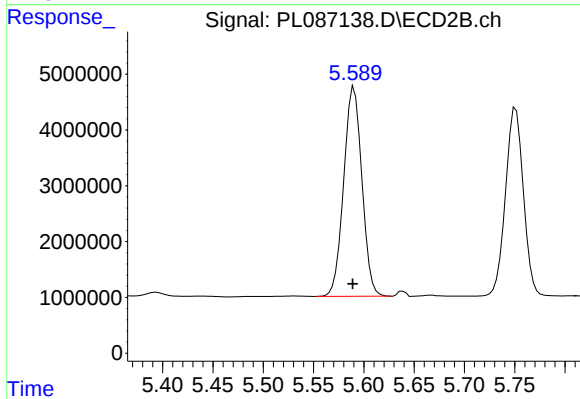
#13 Dieldrin

R.T.: 5.315 min
Delta R.T.: 0.001 min
Response: 53447316
Conc: 45.93 ng/ml



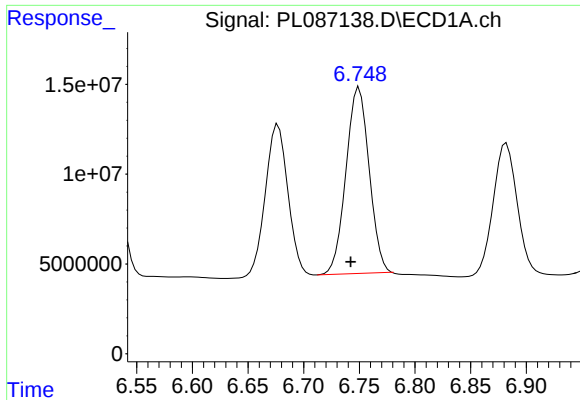
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.008 min
Response: 148730030
Conc: 44.65 ng/ml



#14 Endrin

R.T.: 5.590 min
Delta R.T.: 0.002 min
Response: 47206109
Conc: 46.17 ng/ml



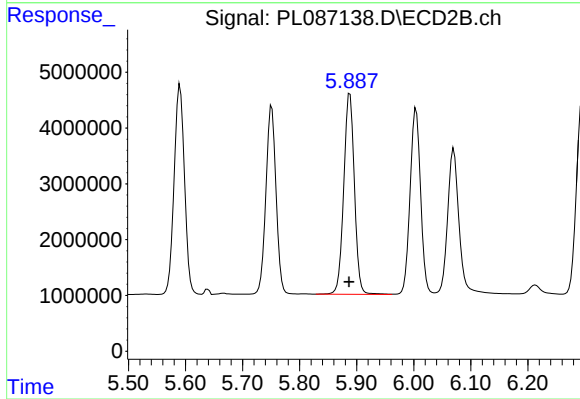
#15 Endosulfan II

R.T.: 6.750 min
Delta R.T.: 0.008 min
Response: 150470340
Conc: 41.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

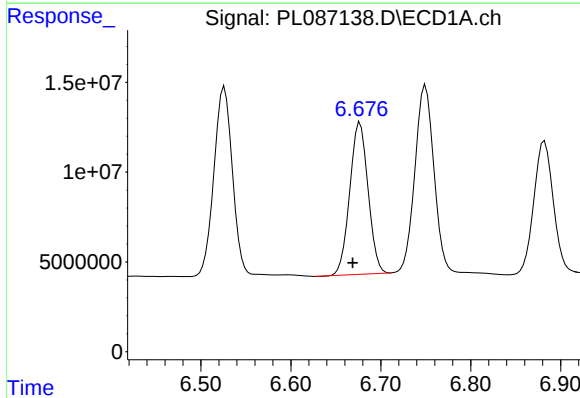
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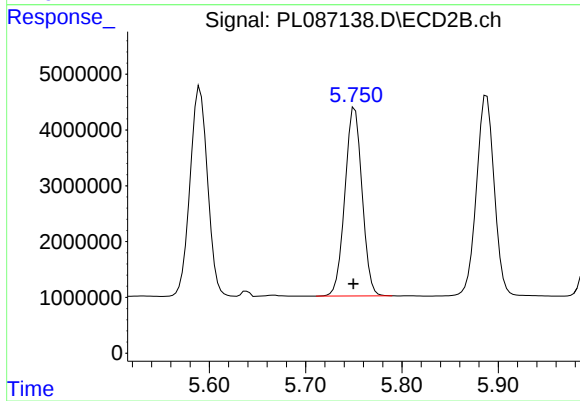
#15 Endosulfan II

R.T.: 5.888 min
Delta R.T.: 0.001 min
Response: 46629282
Conc: 47.64 ng/ml



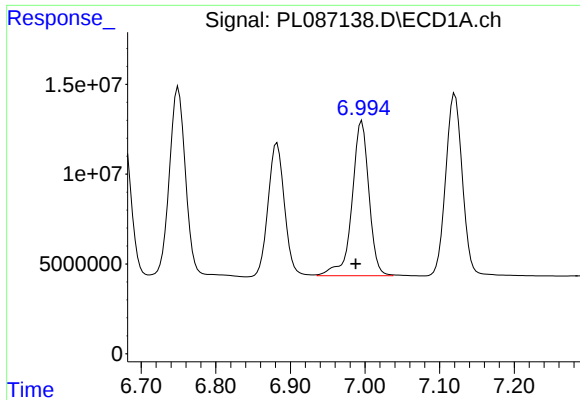
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.008 min
Response: 119469518
Conc: 49.10 ng/ml



#16 4,4'-DDD

R.T.: 5.751 min
Delta R.T.: 0.001 min
Response: 41587628
Conc: 50.15 ng/ml



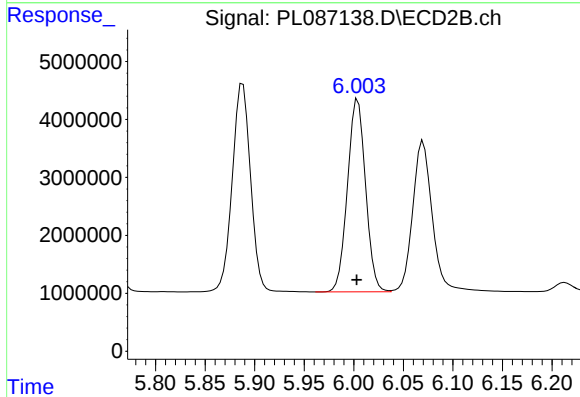
#17 4,4'-DDT

R.T.: 6.994 min
Delta R.T.: 0.007 min
Response: 135645731
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

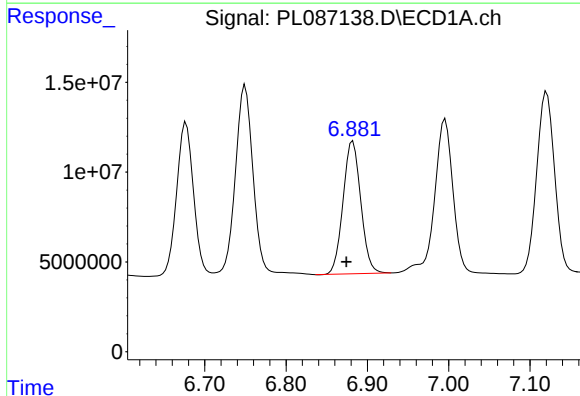
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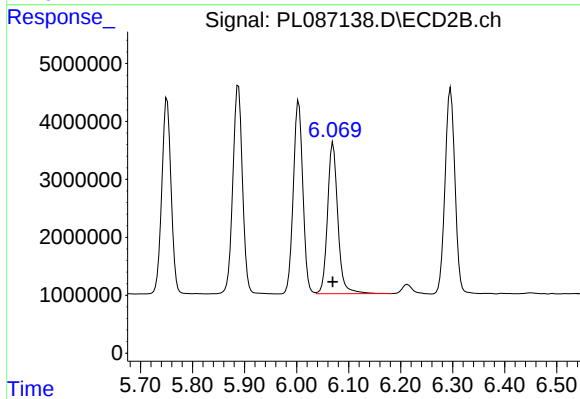
#17 4,4'-DDT

R.T.: 6.004 min
Delta R.T.: 0.001 min
Response: 42325867
Conc: 48.25 ng/ml



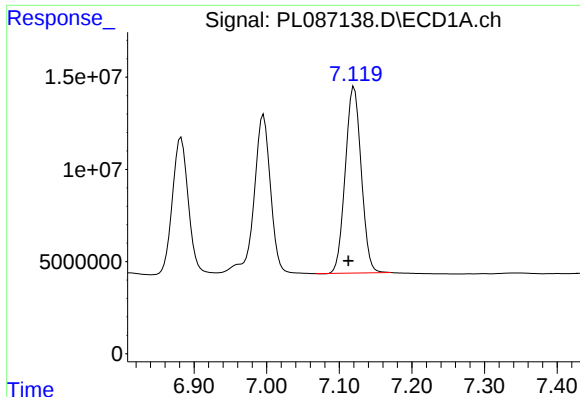
#18 Endrin aldehyde

R.T.: 6.882 min
Delta R.T.: 0.008 min
Response: 111381501
Conc: 47.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 35947139
Conc: 45.11 ng/ml



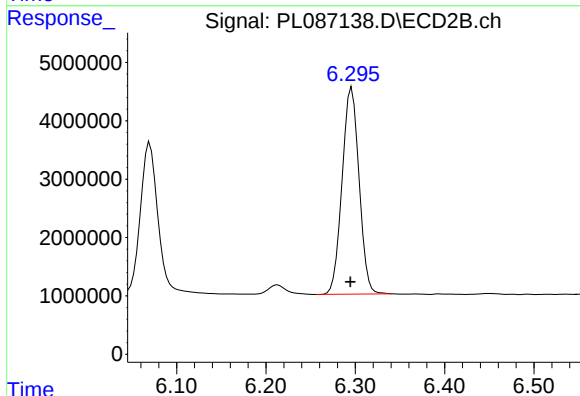
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.008 min
Response: 154513845
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

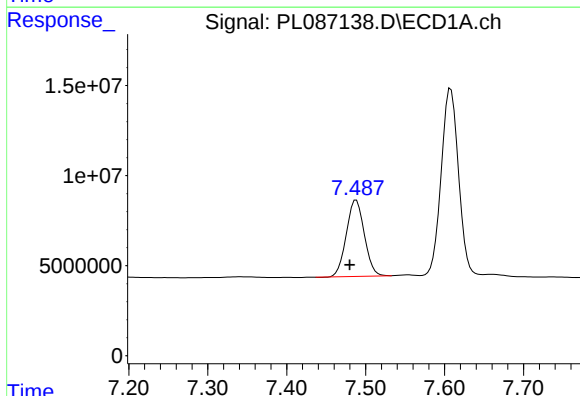
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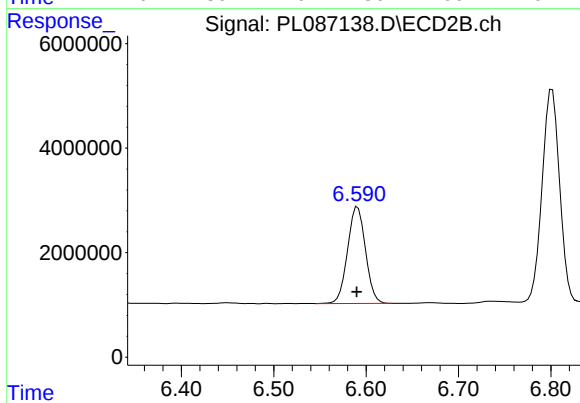
#19 Endosulfan Sulfate

R.T.: 6.296 min
Delta R.T.: 0.002 min
Response: 46701823
Conc: 49.99 ng/ml



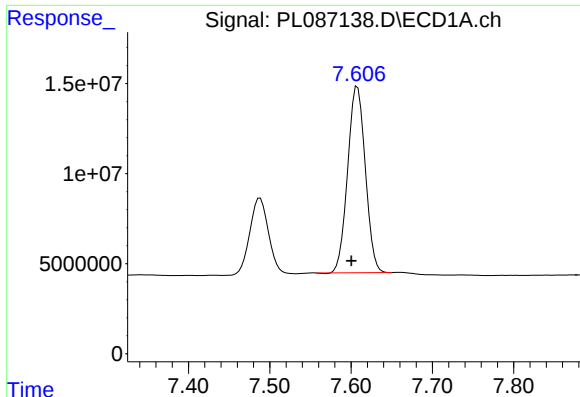
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.008 min
Response: 67416478
Conc: 46.10 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.001 min
Response: 24949778
Conc: 45.76 ng/ml



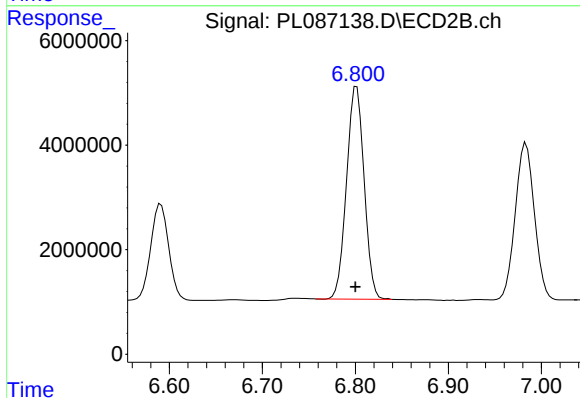
#21 Endrin ketone

R.T.: 7.608 min
Delta R.T.: 0.008 min
Response: 155690012
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

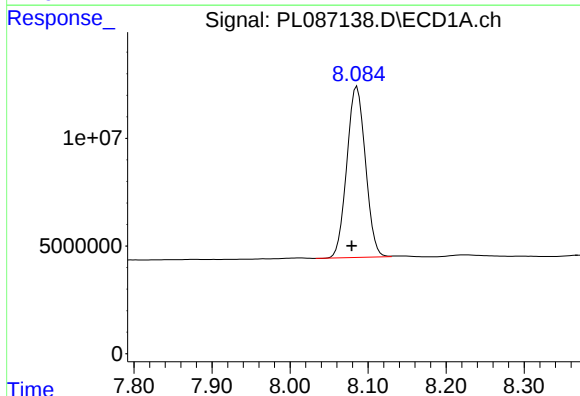
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/14/2023
Supervised By :Ankita Jodhani 12/14/2023



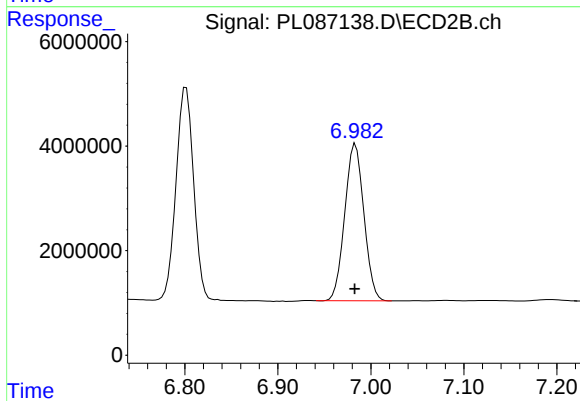
#21 Endrin ketone

R.T.: 6.801 min
Delta R.T.: 0.001 min
Response: 53443133
Conc: 49.73 ng/ml



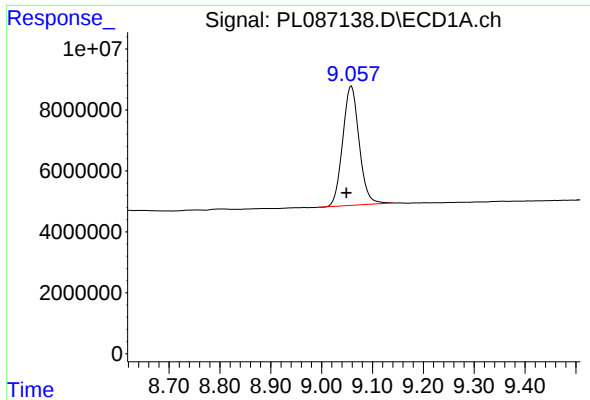
#22 Mirex

R.T.: 8.086 min
Delta R.T.: 0.007 min
Response: 131150787
Conc: 44.56 ng/ml



#22 Mirex

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 42944219
Conc: 45.70 ng/ml



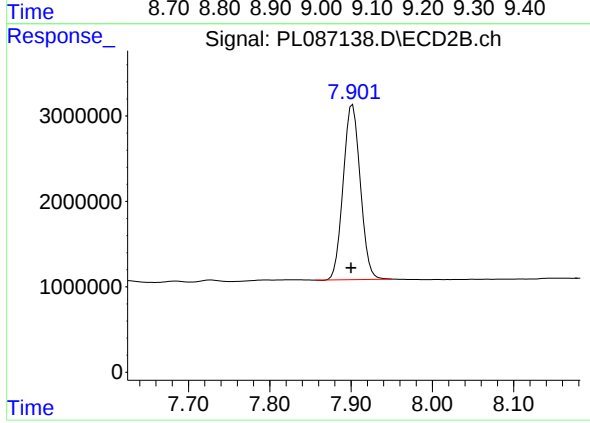
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.010 min
Response: 88044241
Conc: 29.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157752BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 29931233
Conc: 29.22 ng/ml