

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072325\
 Data File : PL096541.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 17:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/24/2025
 Supervised By : mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 05:10:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.534	2.826	200.1E6	330.4E6	54.842	57.255
28)	SA Decachlor...	9.017	7.992	149.9E6	227.8E6	53.288	45.685
Target Compounds							
2)	A alpha-BHC	3.981	3.331	292.7E6	497.4E6	56.903	58.977
3)	MA gamma-BHC...	4.310	3.663	271.7E6	456.2E6	54.559	57.927
4)	MA Heptachlor	4.903	4.012	234.9E6	411.6E6	51.279	54.106
5)	MB Aldrin	5.242	4.295	247.8E6	414.3E6	51.266	56.782
6)	B beta-BHC	4.496	3.959	115.5E6	191.3E6	55.554	55.861
7)	B delta-BHC	4.742	4.193	252.8E6	441.6E6	56.411	57.333
8)	B Heptachlo...	5.662	4.798	220.6E6	367.6E6	53.175	54.994
9)	A Endosulfan I	6.044	5.169	198.6E6	328.1E6	49.188	45.737
10)	B gamma-Chl...	5.916	5.049	220.5E6	376.9E6	49.829	53.685
11)	B alpha-Chl...	5.996	5.114	215.8E6	362.9E6	49.275	48.262
12)	B 4,4'-DDE	6.167	5.302	182.0E6	337.6E6	49.092	52.231
13)	MA Dieldrin	6.316	5.433	205.8E6	352.5E6	48.680	51.693
14)	MA Endrin	6.543	5.708	151.1E6	292.9E6	48.584	48.043
15)	B Endosulfa...	6.756	6.000	175.3E6	286.7E6	50.524	48.895
16)	A 4,4'-DDD	6.675	5.855	151.4E6	274.5E6	52.008	53.517
17)	MA 4,4'-DDT	6.990	6.108	131.5E6	241.9E6	43.334	42.175
18)	B Endrin al...	6.884	6.178	115.6E6	202.1E6	51.709	45.368
19)	B Endosulfa...	7.118	6.402	146.1E6	262.4E6	47.766	46.655
20)	A Methoxychlor	7.461	6.681	88241466	152.3E6	56.012m	50.133
21)	B Endrin ke...	7.597	6.906	151.6E6	279.7E6	45.912	44.740
22)	Mirex	8.077	7.097	124.9E6	204.4E6	44.907	41.140

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072325\
Data File : PL096541.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 17:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

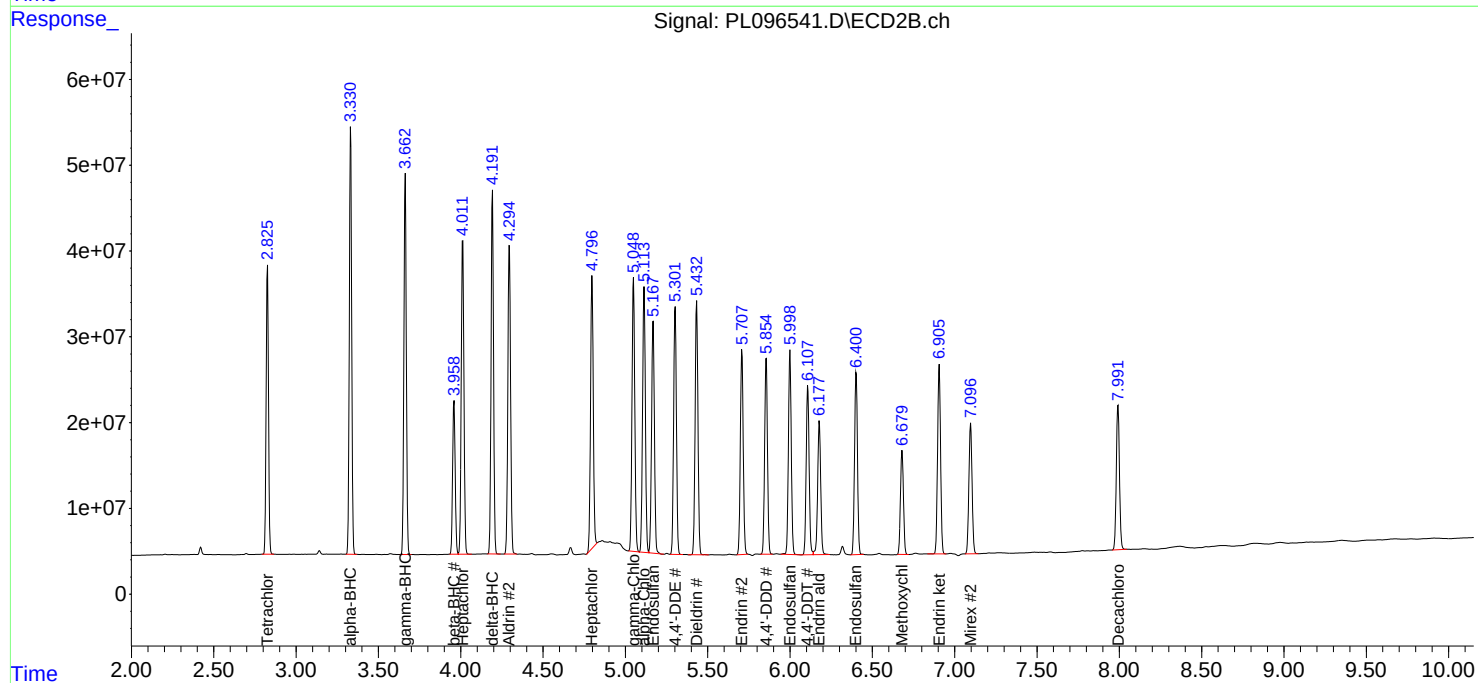
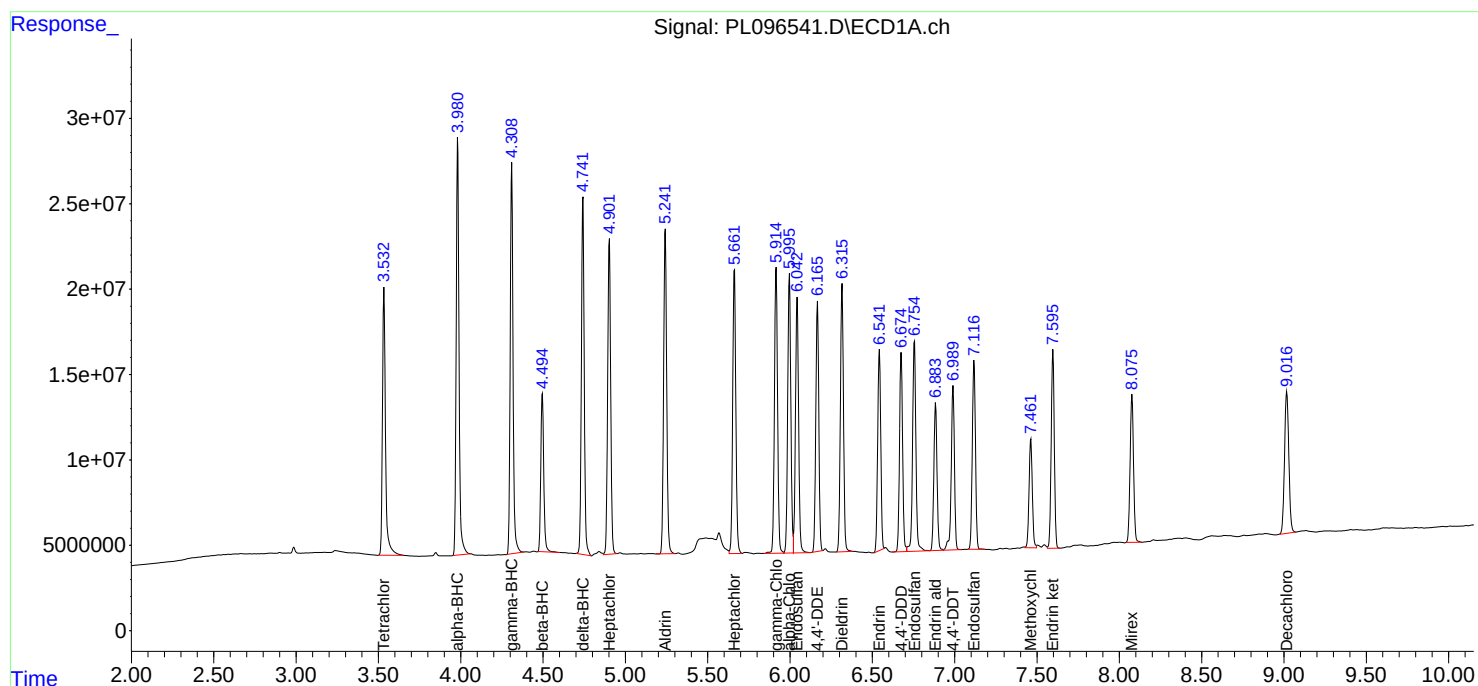
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

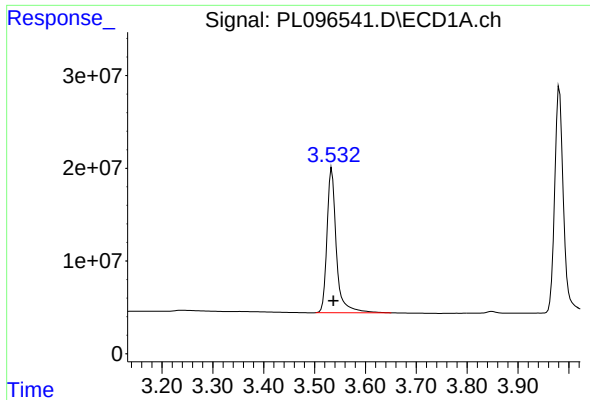
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:10:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
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 x0.25µm





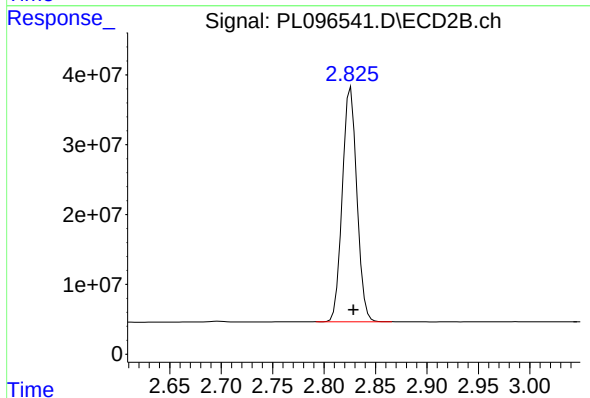
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 200117807
Conc: 54.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

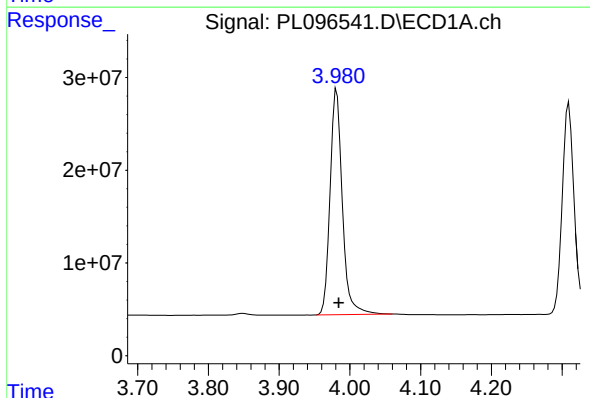
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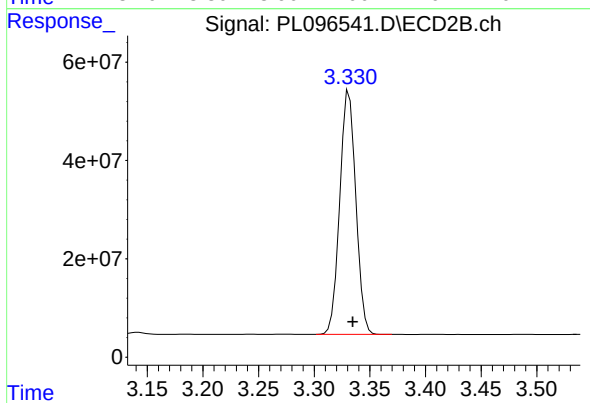
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 330433104
Conc: 57.26 ng/ml



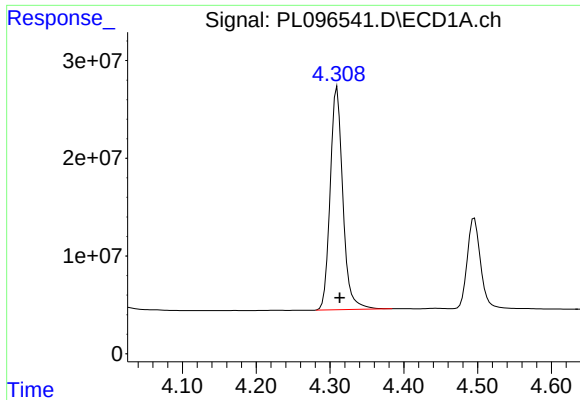
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: -0.003 min
Response: 292659860
Conc: 56.90 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.003 min
Response: 497435127
Conc: 58.98 ng/ml



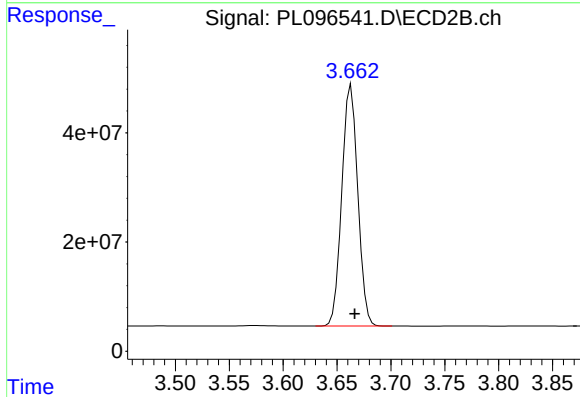
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 271686102
Conc: 54.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

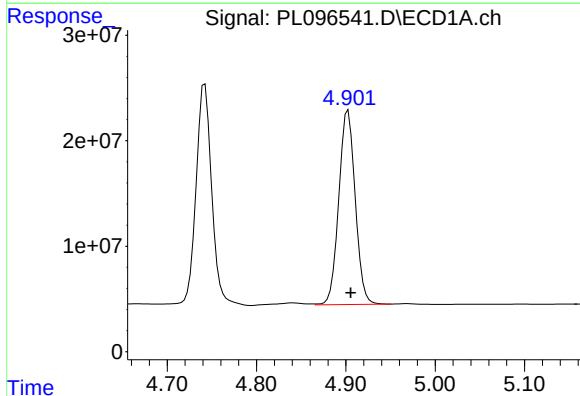
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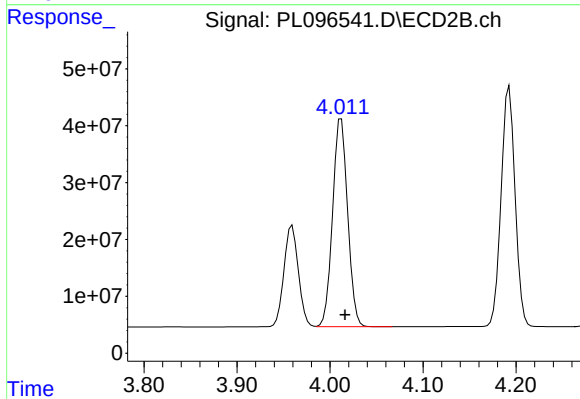
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.003 min
Response: 456229295
Conc: 57.93 ng/ml



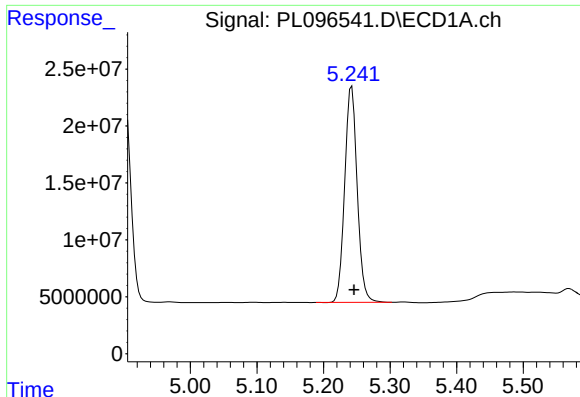
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 234921901
Conc: 51.28 ng/ml



#4 Heptachlor

R.T.: 4.012 min
Delta R.T.: -0.004 min
Response: 411622046
Conc: 54.11 ng/ml



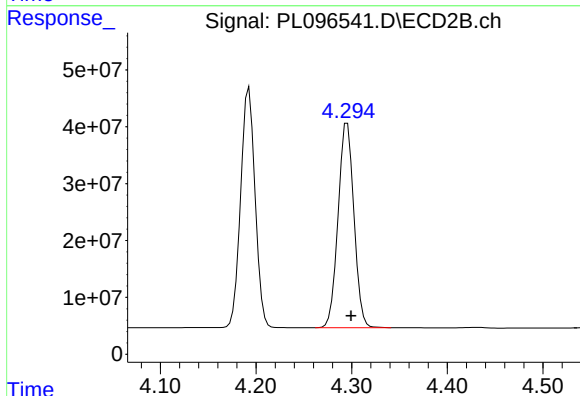
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 247806849
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

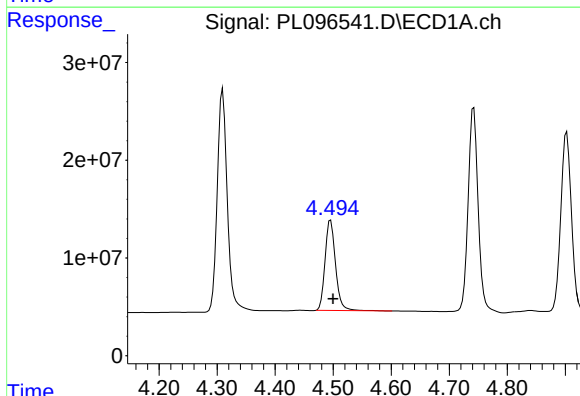
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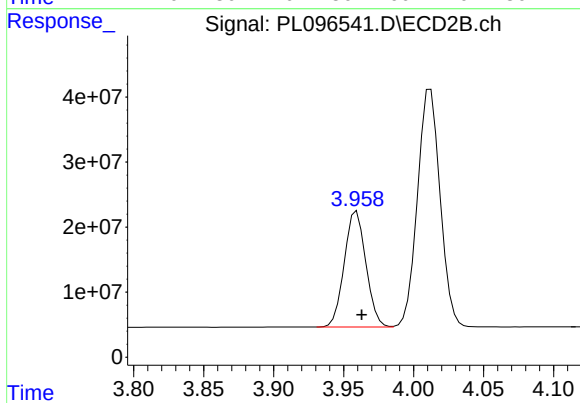
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 414257274
Conc: 56.78 ng/ml



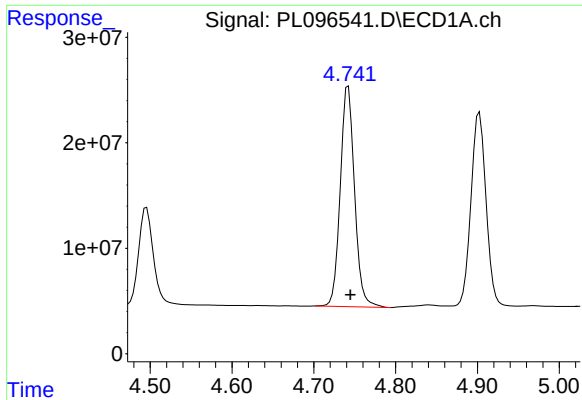
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: -0.004 min
Response: 115486204
Conc: 55.55 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.004 min
Response: 191262759
Conc: 55.86 ng/ml



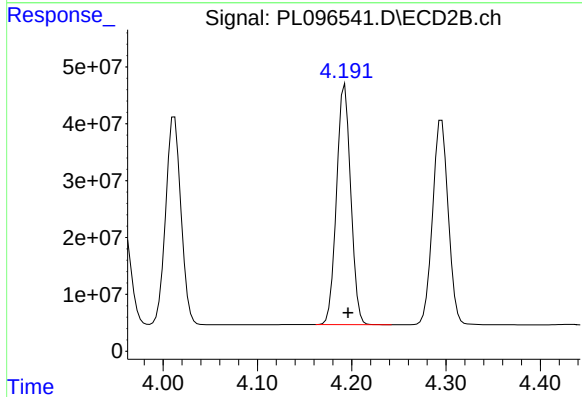
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 252796396
Conc: 56.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

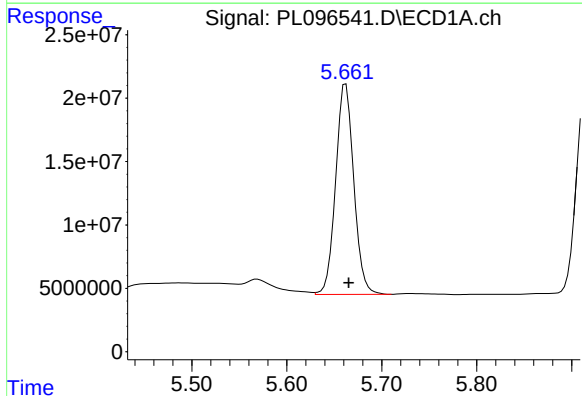
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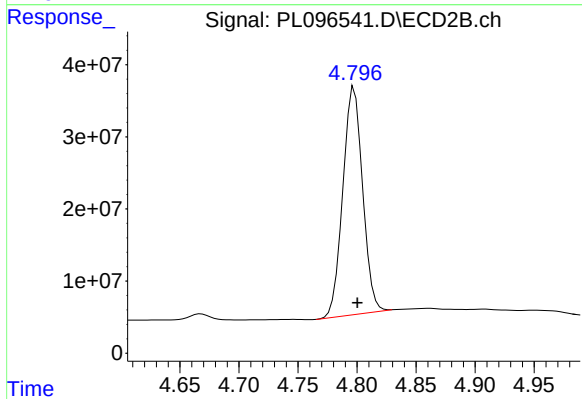
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.003 min
Response: 441573259
Conc: 57.33 ng/ml



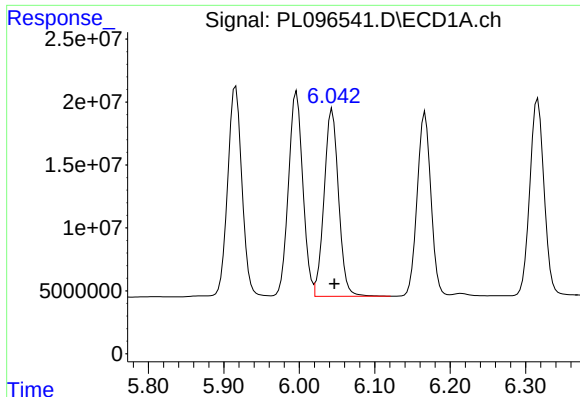
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 220629769
Conc: 53.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.003 min
Response: 367626952
Conc: 54.99 ng/ml



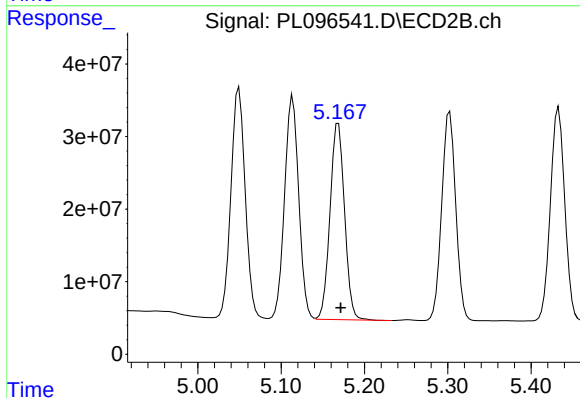
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: -0.003 min
Response: 198585484
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

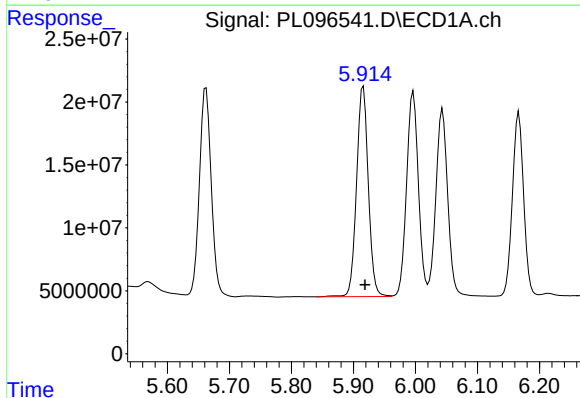
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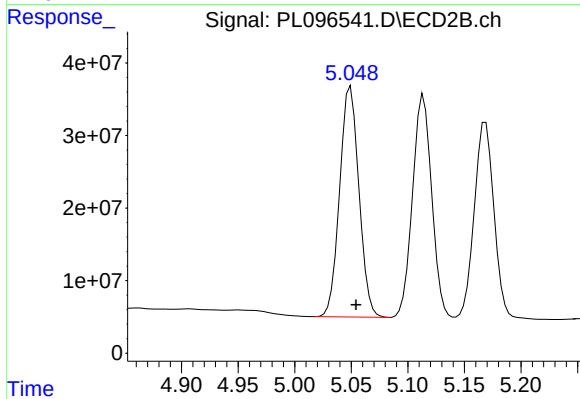
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 328120973
Conc: 45.74 ng/ml



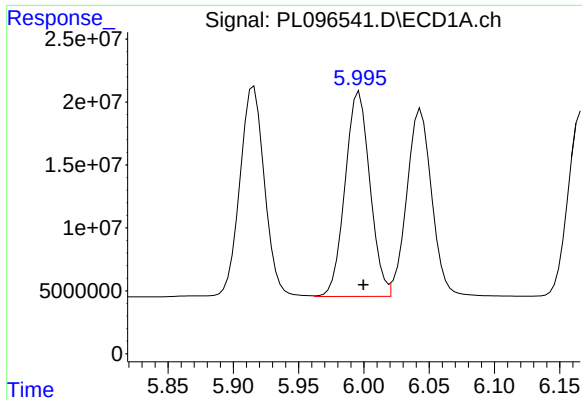
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 220483409
Conc: 49.83 ng/ml



#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.005 min
Response: 376855615
Conc: 53.69 ng/ml



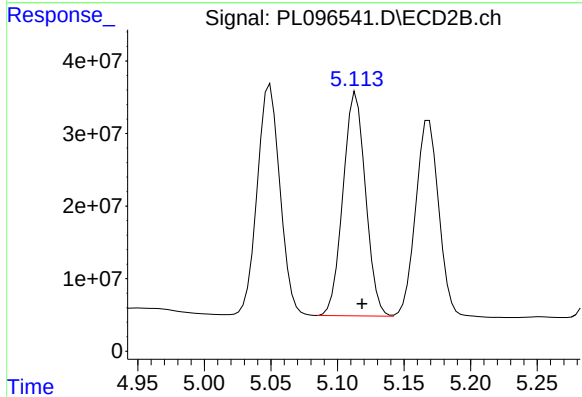
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: -0.003 min
Response: 215766659
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

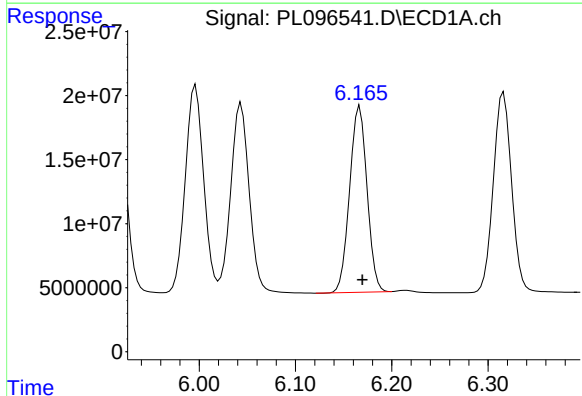
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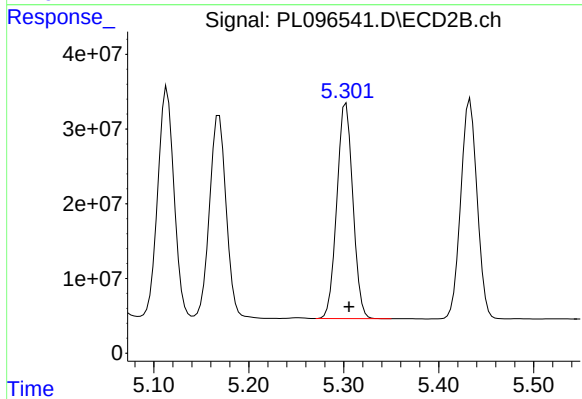
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.005 min
Response: 362938299
Conc: 48.26 ng/ml



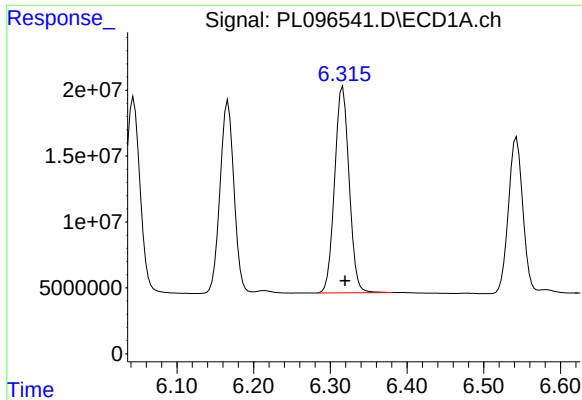
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: -0.003 min
Response: 182006180
Conc: 49.09 ng/ml



#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.003 min
Response: 337606806
Conc: 52.23 ng/ml



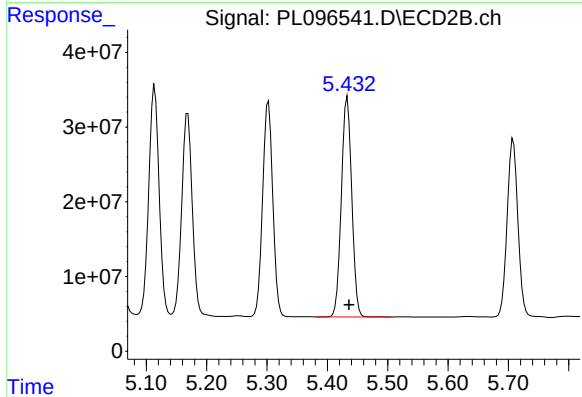
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 205840691
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

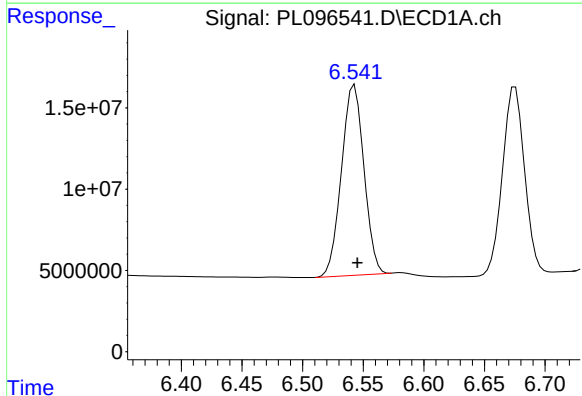
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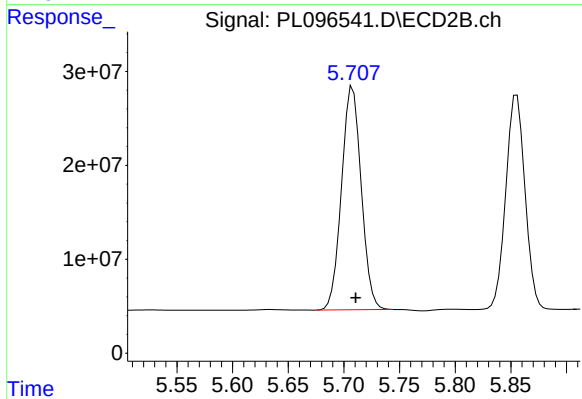
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.003 min
Response: 352509640
Conc: 51.69 ng/ml



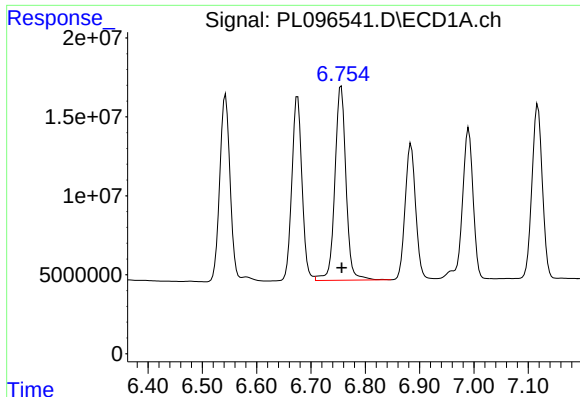
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 151106798
Conc: 48.58 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 292892560
Conc: 48.04 ng/ml



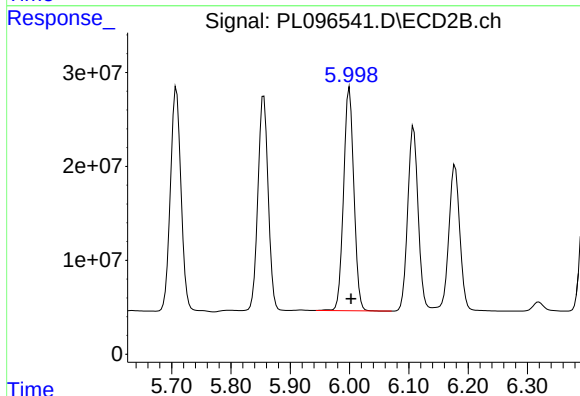
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: -0.001 min
Response: 175320320
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

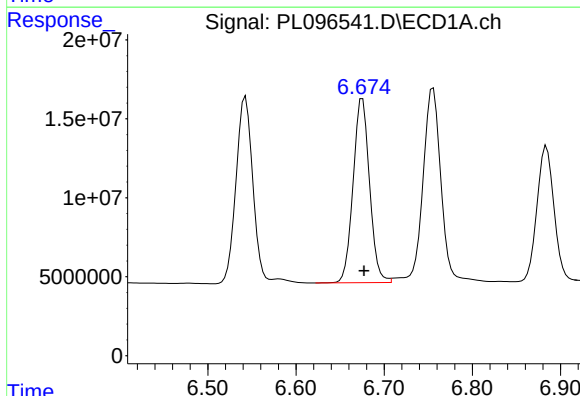
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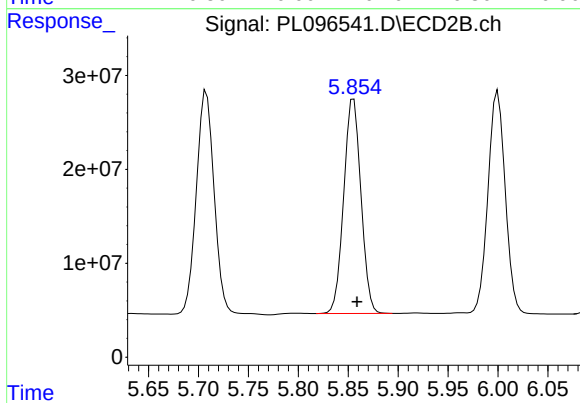
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 286712549
Conc: 48.89 ng/ml



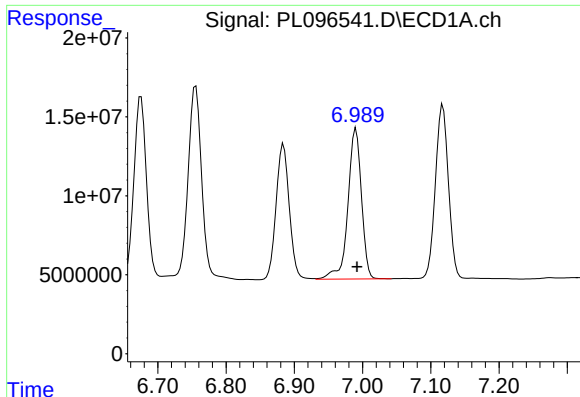
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 151430897
Conc: 52.01 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 274471455
Conc: 53.52 ng/ml



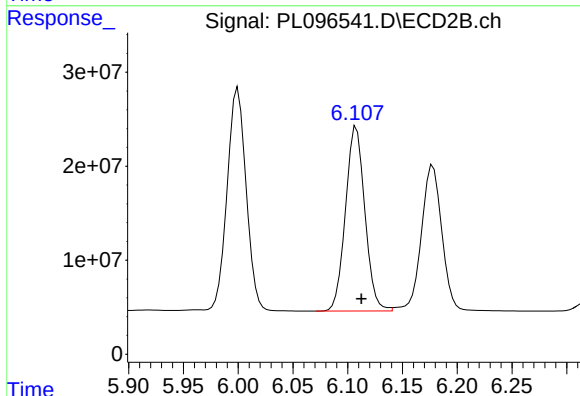
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 131526609
Conc: 43.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

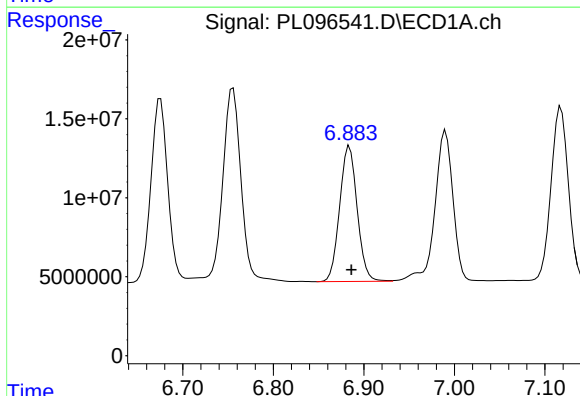
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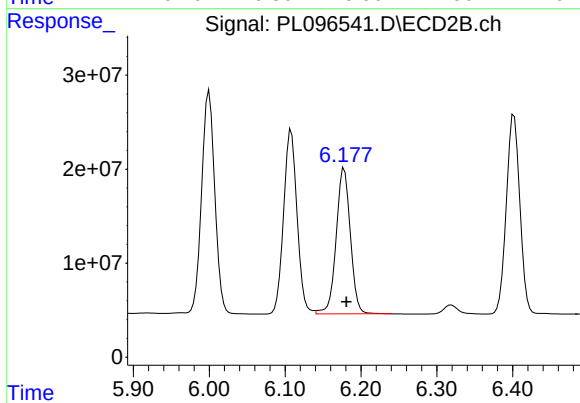
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.005 min
Response: 241879633
Conc: 42.18 ng/ml



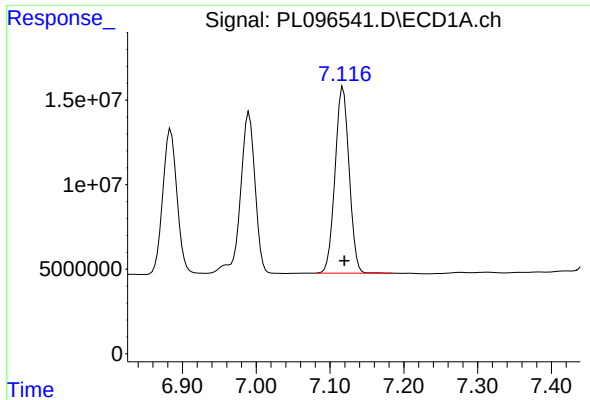
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 115599149
Conc: 51.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: -0.003 min
Response: 202096902
Conc: 45.37 ng/ml



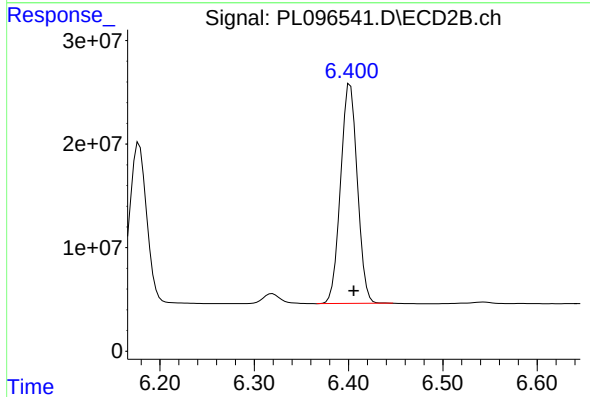
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.002 min
Response: 146108364
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

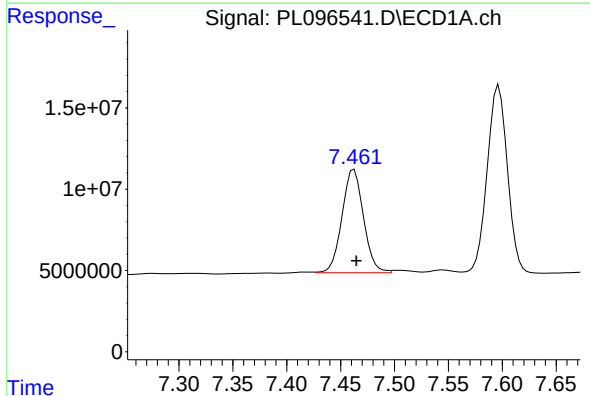
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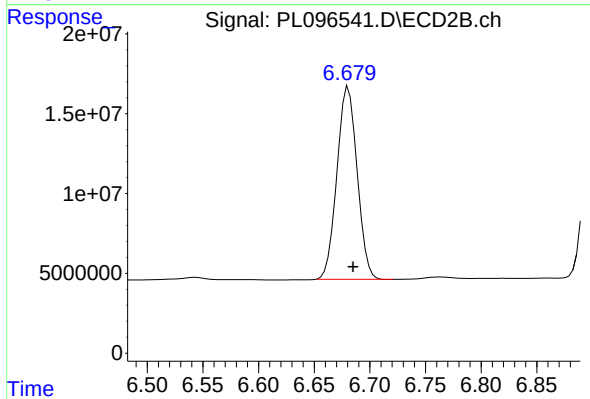
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 262407888
Conc: 46.66 ng/ml



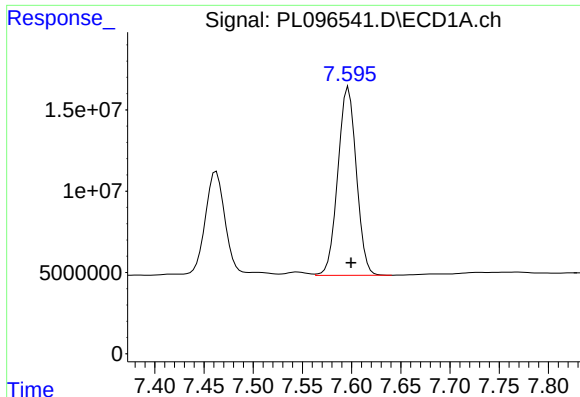
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: -0.003 min
Response: 88241466
Conc: 56.01 ng/ml m



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 152291256
Conc: 50.13 ng/ml



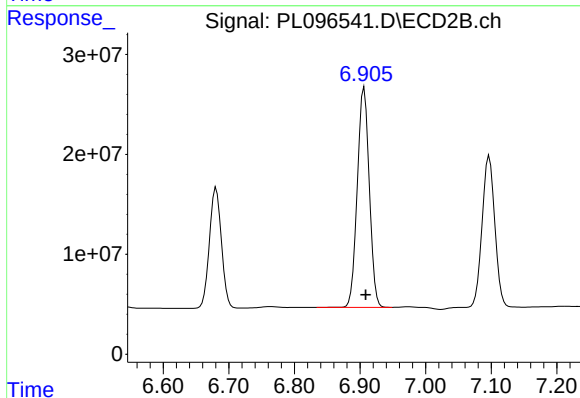
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: -0.003 min
Response: 151583605
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

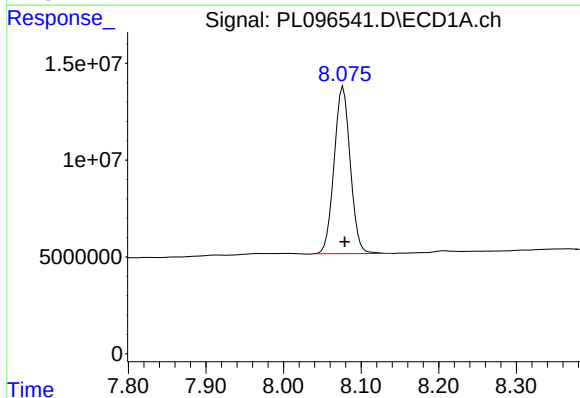
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Reviewed By :Abdul Mirza 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



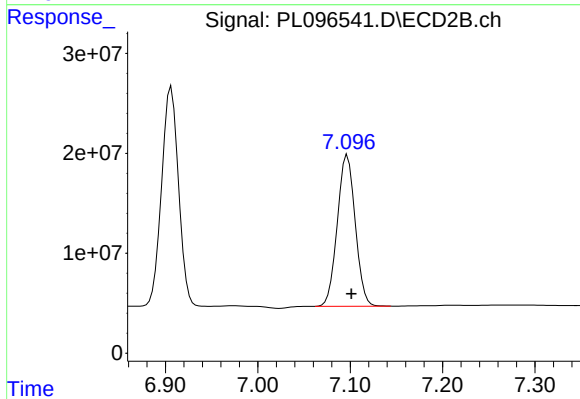
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 279722301
Conc: 44.74 ng/ml



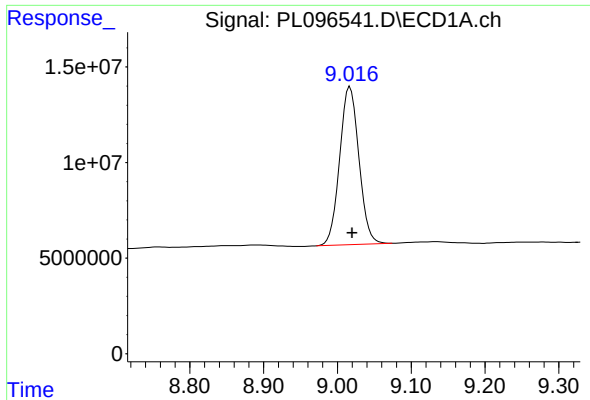
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.002 min
Response: 124942023
Conc: 44.91 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 204390464
Conc: 41.14 ng/ml



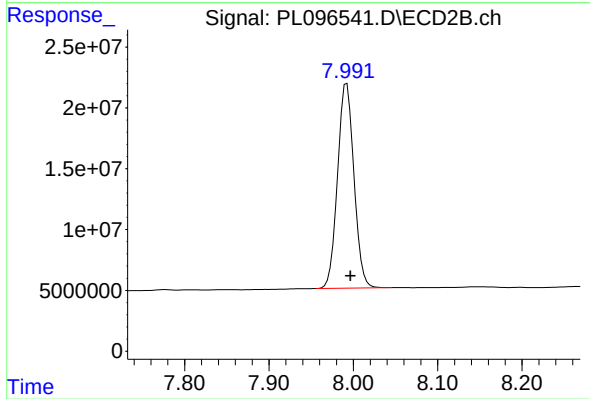
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 149903052
Conc: 53.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/24/2025
Supervised By :mohammad ahmed 07/25/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 227807835
Conc: 45.68 ng/ml