

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072325\
 Data File : PL096532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 09:44
 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 05:08:29 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	2.827	184.1E6	301.9E6	50.456	52.304
28)	SA Decachlor...	9.013	7.990	135.4E6	238.8E6	48.119	47.895
Target Compounds							
2)	A alpha-BHC	3.982	3.333	266.3E6	456.5E6	51.783	54.121
3)	MA gamma-BHC...	4.310	3.664	255.2E6	420.0E6	51.253	53.322
4)	MA Heptachlor	4.902	4.013	238.2E6	405.2E6	52.000	53.267
5)	MB Aldrin	5.242	4.296	243.3E6	389.9E6	50.334	53.446
6)	B beta-BHC	4.496	3.960	104.9E6	176.9E6	50.449	51.669
7)	B delta-BHC	4.742	4.193	236.0E6	407.7E6	52.665	52.930
8)	B Heptachlo...	5.661	4.798	224.0E6	345.2E6	53.980	51.646
9)	A Endosulfan I	6.043	5.169	201.4E6	320.0E6	49.895	44.602
10)	B gamma-Chl...	5.914	5.050	221.2E6	364.2E6	49.981	51.876
11)	B alpha-Chl...	5.995	5.114	220.9E6	355.9E6	50.436	47.325
12)	B 4,4'-DDE	6.165	5.303	185.7E6	320.1E6	50.082	49.516
13)	MA Dieldrin	6.315	5.432	209.3E6	360.4E6	49.504	52.848m
14)	MA Endrin	6.541	5.708	165.0E6	285.7E6	53.059	46.861
15)	B Endosulfa...	6.752	5.999	178.4E6	294.2E6	51.425m	50.171
16)	A 4,4'-DDD	6.674	5.855	155.2E6	282.3E6	53.286	55.045
17)	MA 4,4'-DDT	6.988	6.108	153.9E6	232.5E6	50.721	40.542
18)	B Endrin al...	6.881	6.177	123.5E6	228.8E6	55.264m	51.363
19)	B Endosulfa...	7.116	6.401	151.6E6	294.9E6	49.571	52.440
20)	A Methoxychlor	7.460	6.680	78652653	149.7E6	49.926	49.270
21)	B Endrin ke...	7.595	6.904	159.6E6	325.3E6	48.355	52.035m
22)	Mirex	8.075	7.096	135.2E6	249.0E6	48.589	50.127

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072325\
Data File : PL096532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 09:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

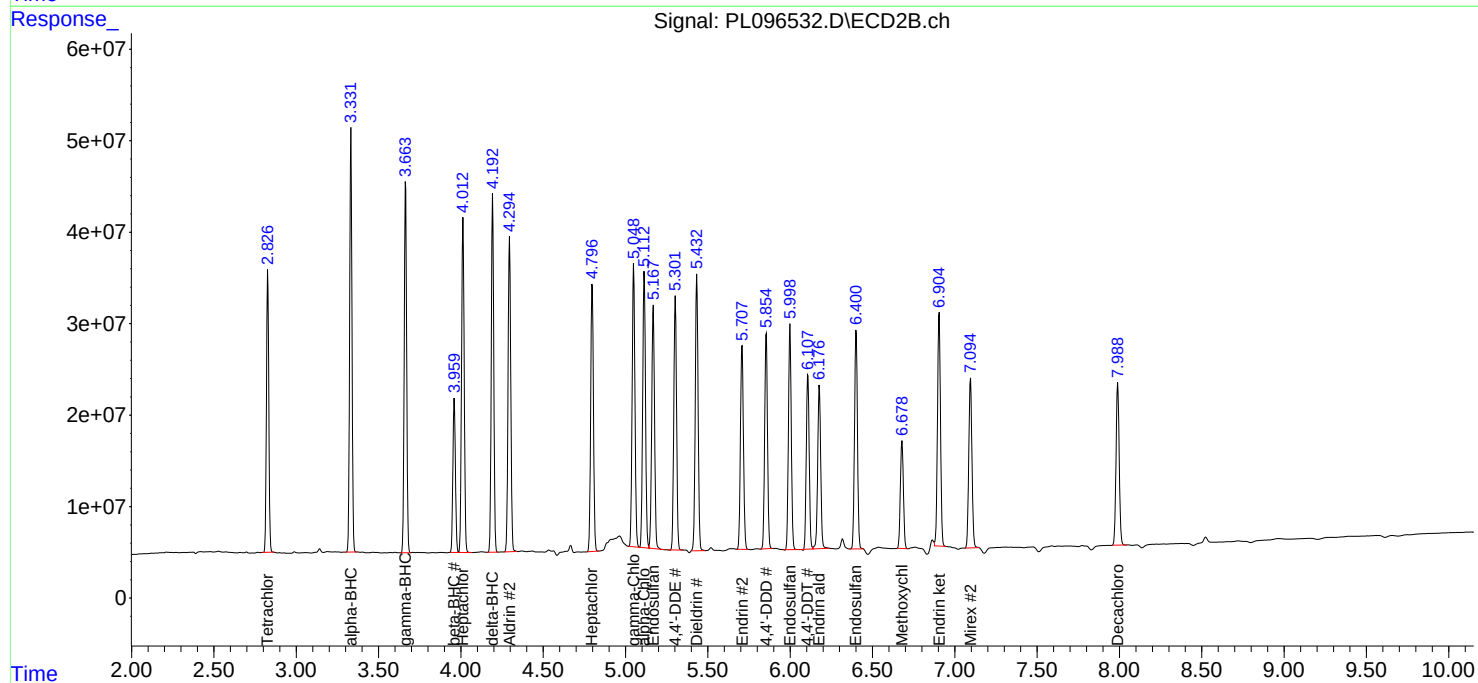
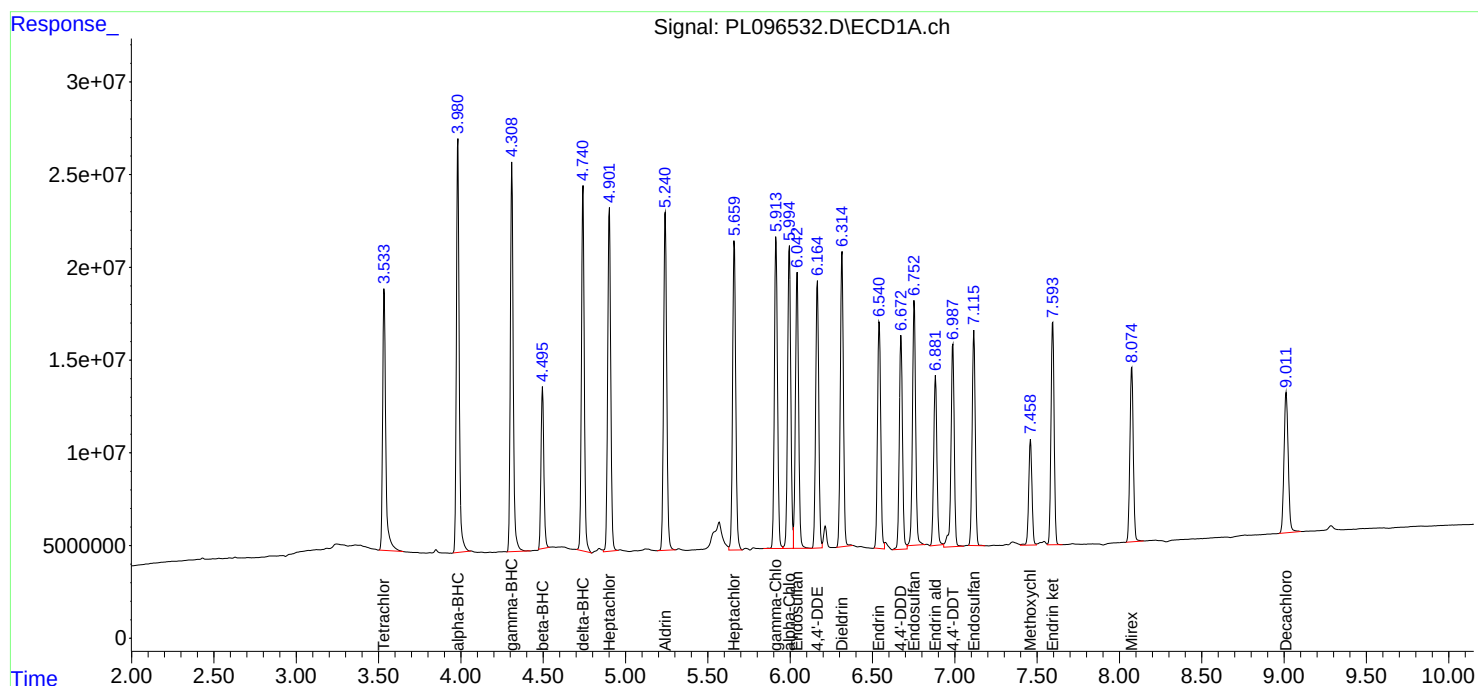
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

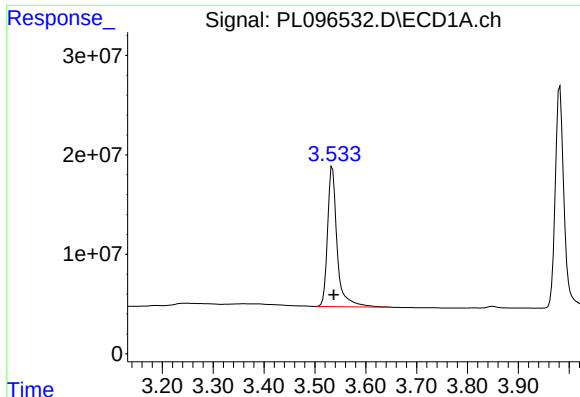
Manual Integrations
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Reviewed By :Abdul Mirza 07/24/2025
Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 05:08:29 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





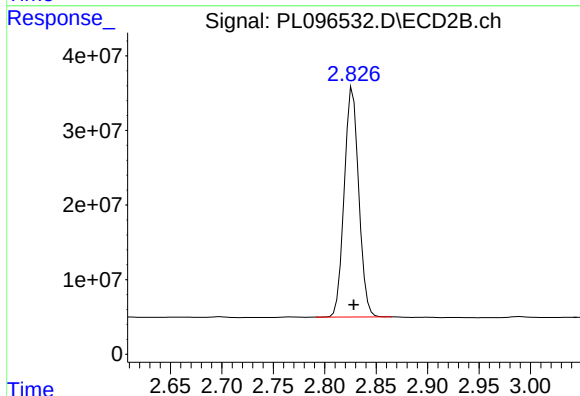
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 184114063
Conc: 50.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

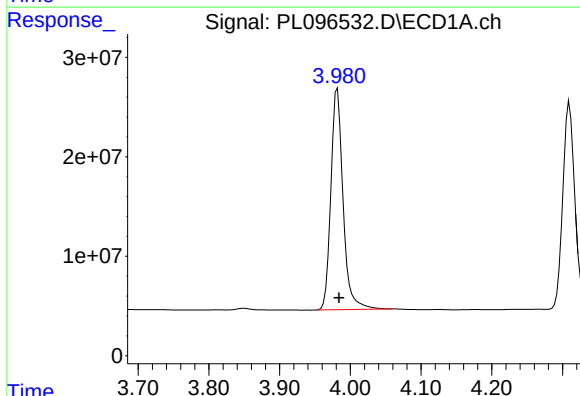
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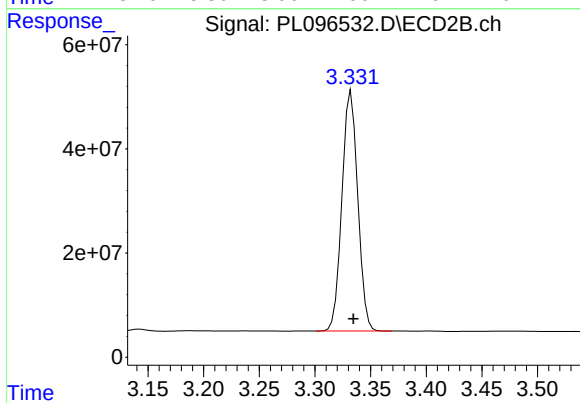
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 301855294
Conc: 52.30 ng/ml



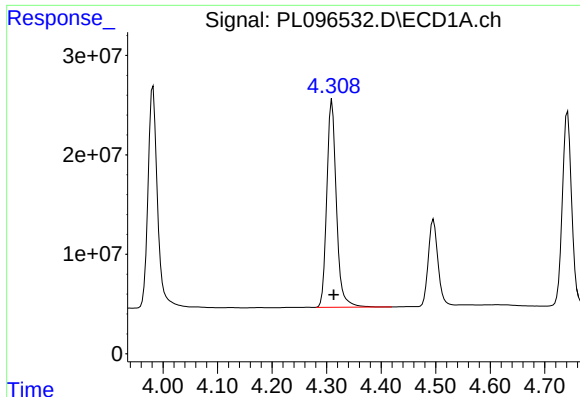
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.002 min
Response: 266326237
Conc: 51.78 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 456479098
Conc: 54.12 ng/ml



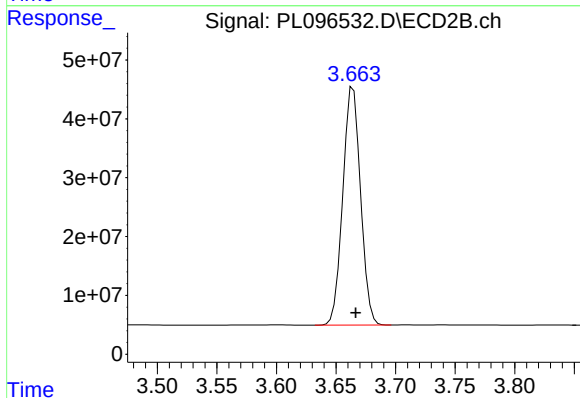
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 255222100
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

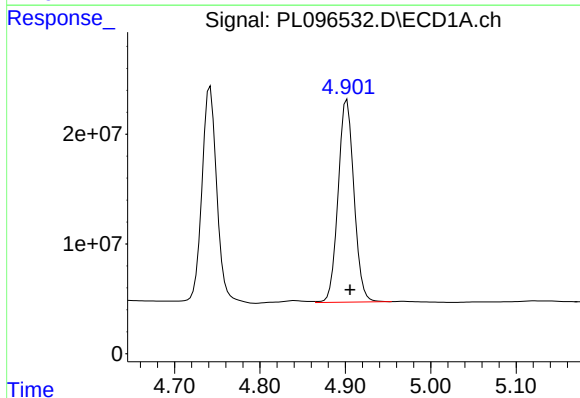
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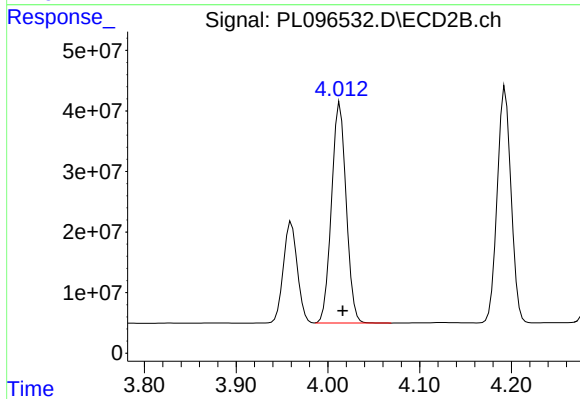
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.002 min
Response: 419957516
Conc: 53.32 ng/ml



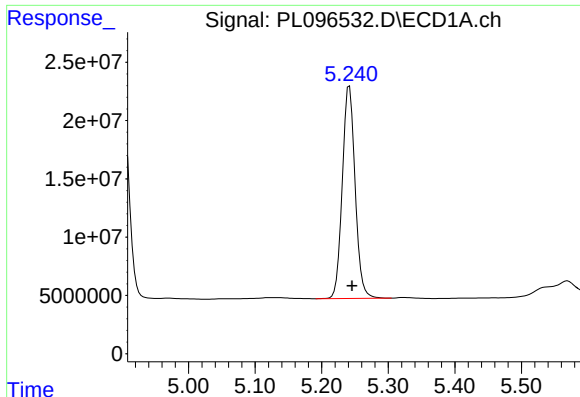
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: -0.003 min
Response: 238222181
Conc: 52.00 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.003 min
Response: 405243343
Conc: 53.27 ng/ml



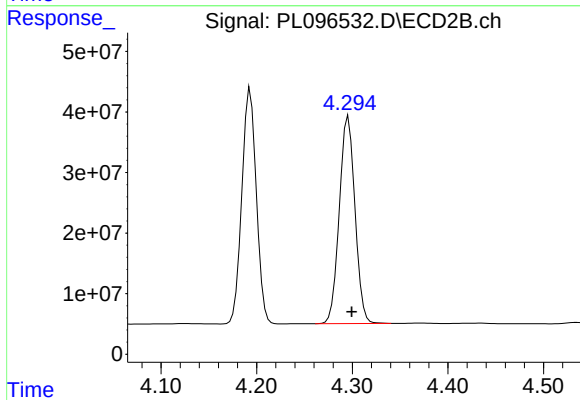
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: -0.004 min
Response: 243298818
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

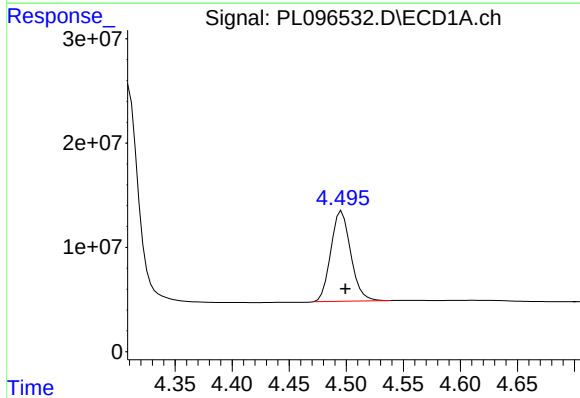
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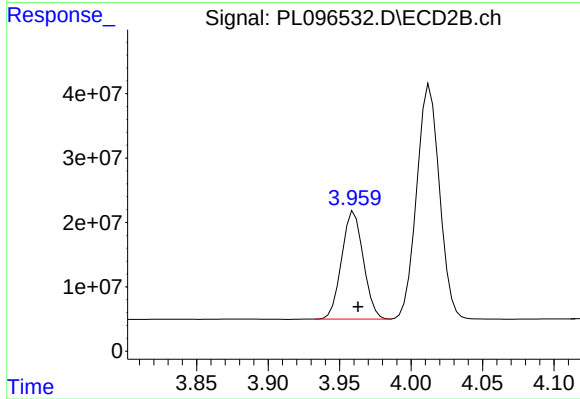
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 389924175
Conc: 53.45 ng/ml



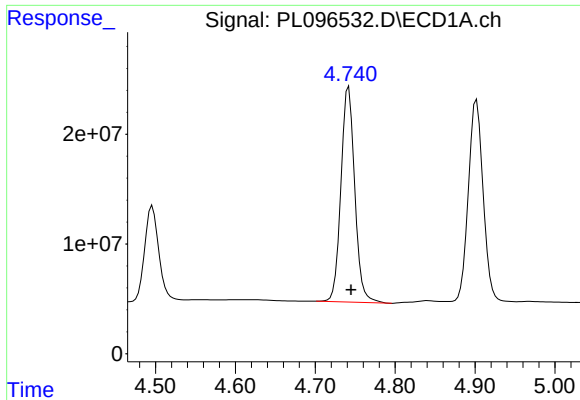
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: -0.003 min
Response: 104873803
Conc: 50.45 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 176908684
Conc: 51.67 ng/ml



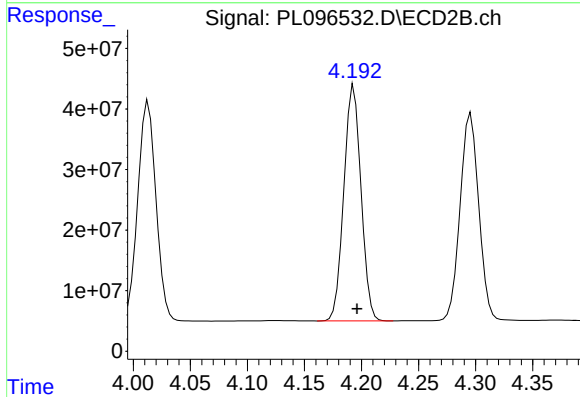
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 236010995
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

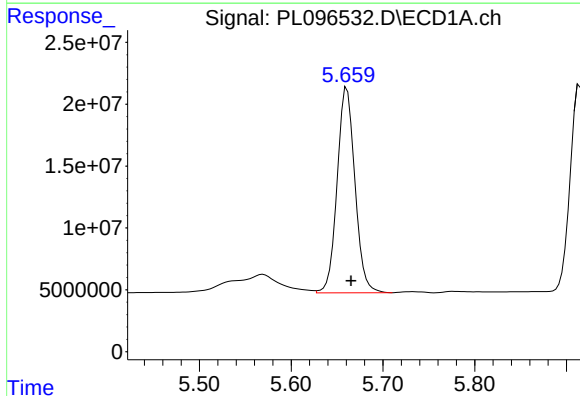
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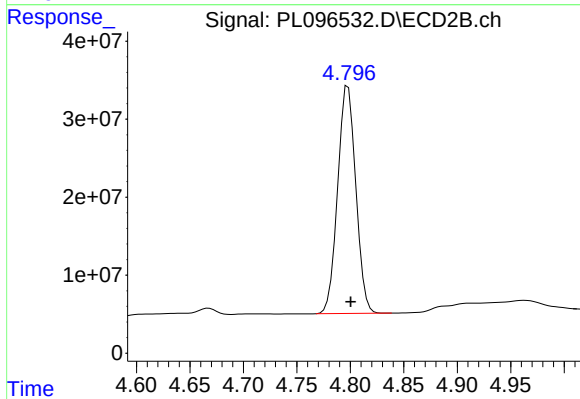
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.003 min
Response: 407659568
Conc: 52.93 ng/ml



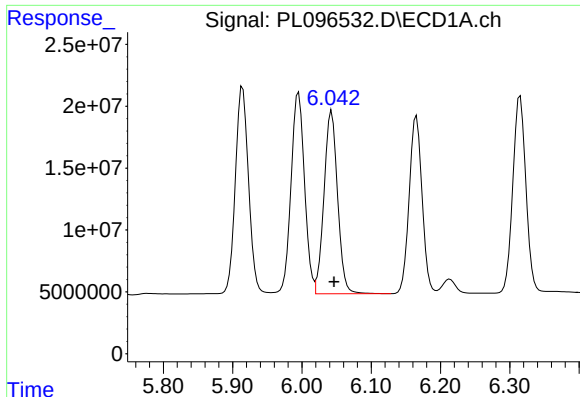
#8 Heptachlor epoxide

R.T.: 5.661 min
Delta R.T.: -0.004 min
Response: 223970633
Conc: 53.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.003 min
Response: 345246773
Conc: 51.65 ng/ml



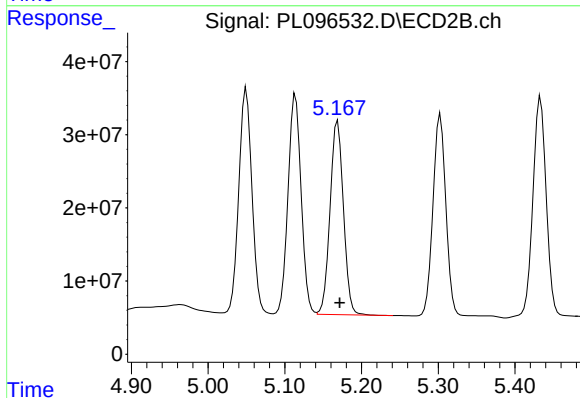
#9 Endosulfan I

R.T.: 6.043 min
Delta R.T.: -0.004 min
Response: 201439762
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

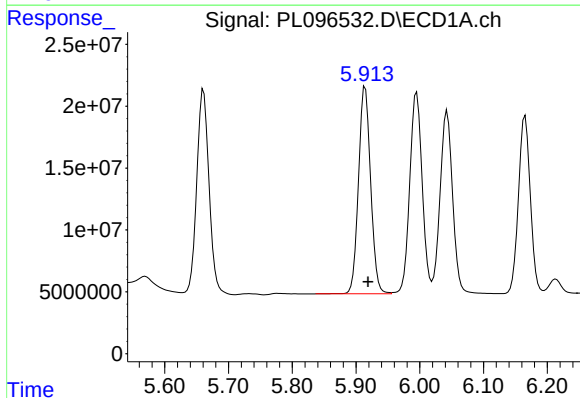
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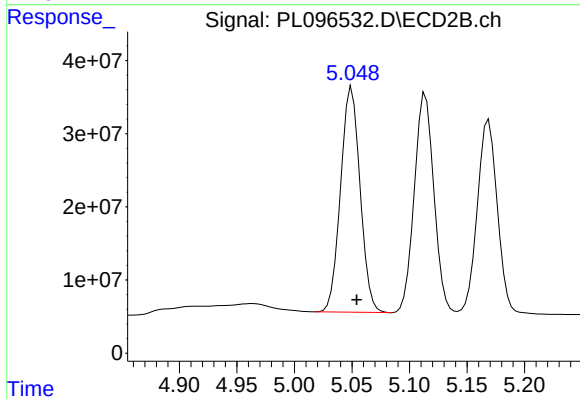
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 319984286
Conc: 44.60 ng/ml



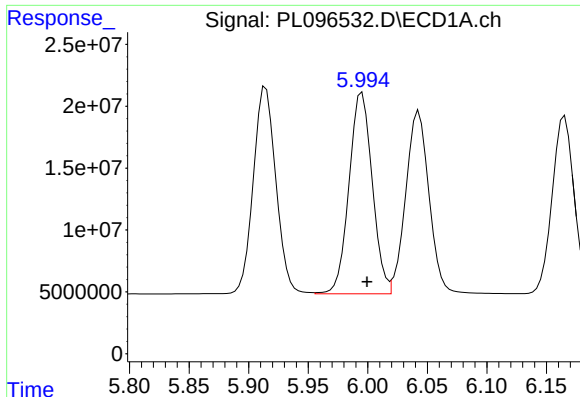
#10 gamma-Chlordane

R.T.: 5.914 min
Delta R.T.: -0.004 min
Response: 221154923
Conc: 49.98 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.004 min
Response: 364151640
Conc: 51.88 ng/ml



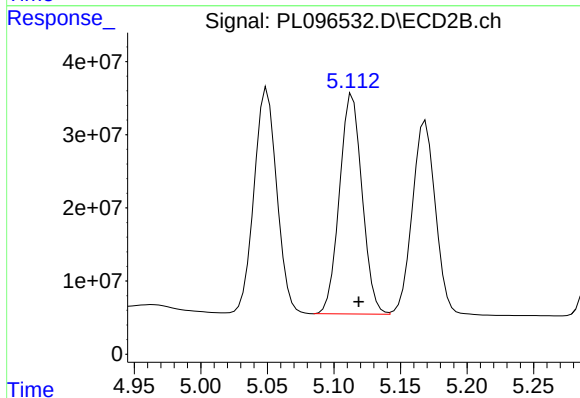
#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.004 min
Response: 220853074
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

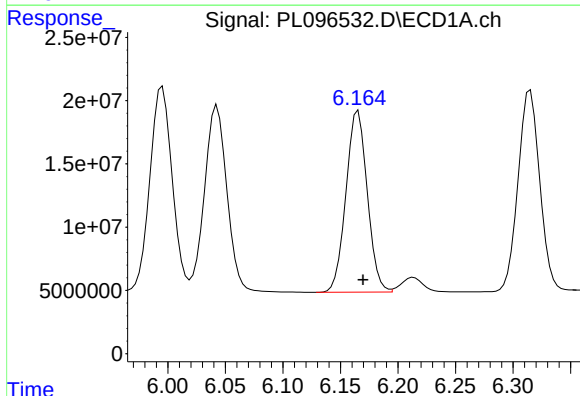
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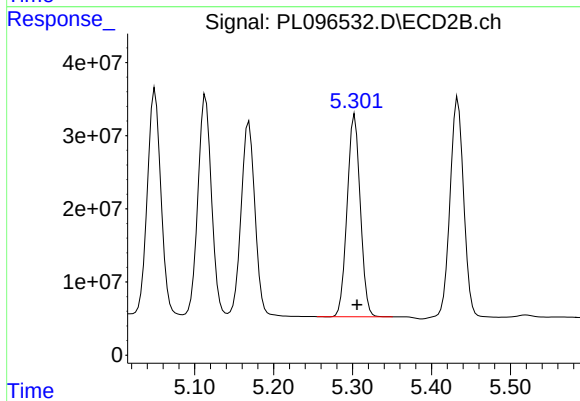
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.005 min
Response: 355896889
Conc: 47.33 ng/ml



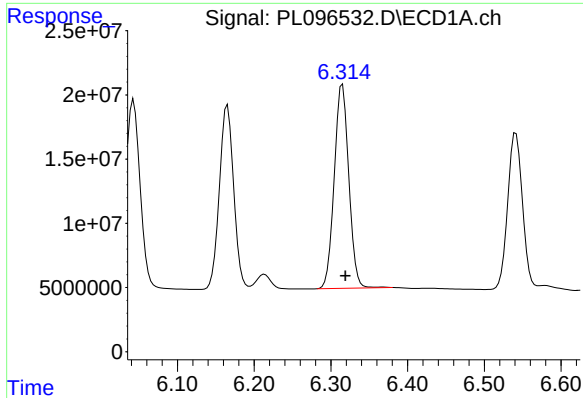
#12 4,4'-DDE

R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 185678424
Conc: 50.08 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: -0.003 min
Response: 320057897
Conc: 49.52 ng/ml



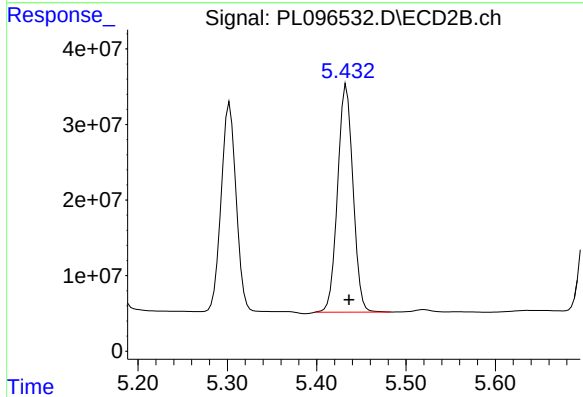
#13 Dieldrin

R.T.: 6.315 min
Delta R.T.: -0.004 min
Response: 209321971
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

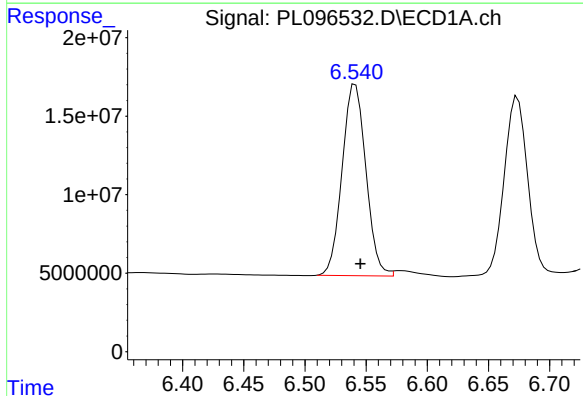
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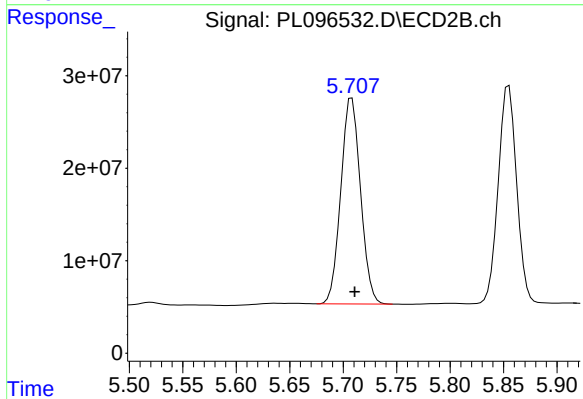
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.004 min
Response: 360385907
Conc: 52.85 ng/ml m



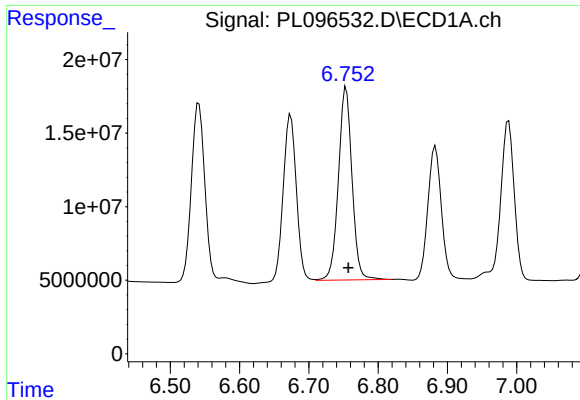
#14 Endrin

R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 165023563
Conc: 53.06 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 285686708
Conc: 46.86 ng/ml



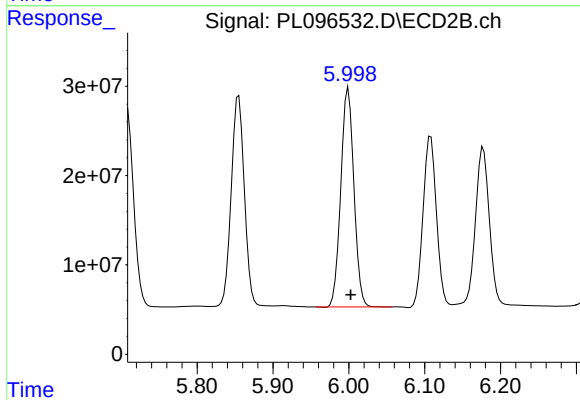
#15 Endosulfan II

R.T.: 6.752 min
Delta R.T.: -0.005 min
Response: 178447915
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

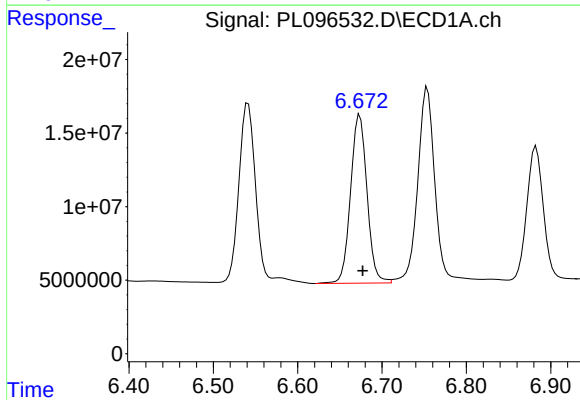
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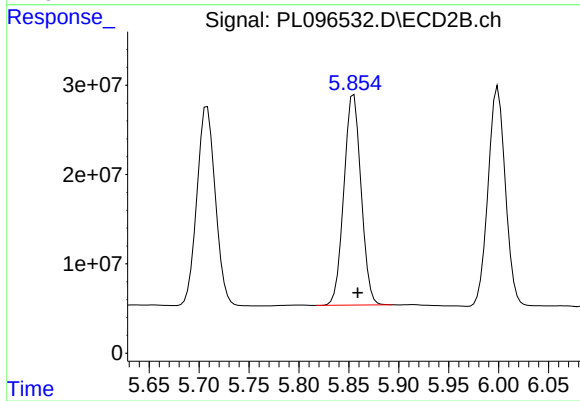
#15 Endosulfan II

R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 294196177
Conc: 50.17 ng/ml



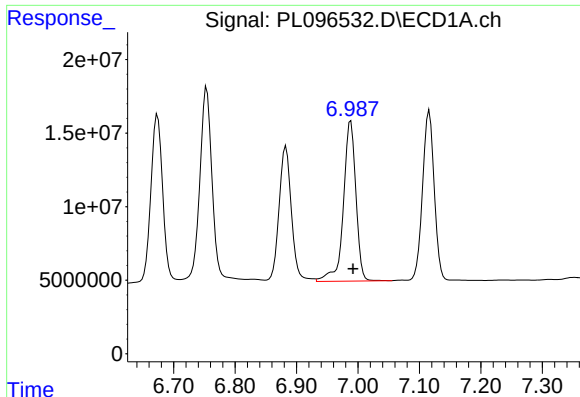
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 155151077
Conc: 53.29 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 282309555
Conc: 55.05 ng/ml



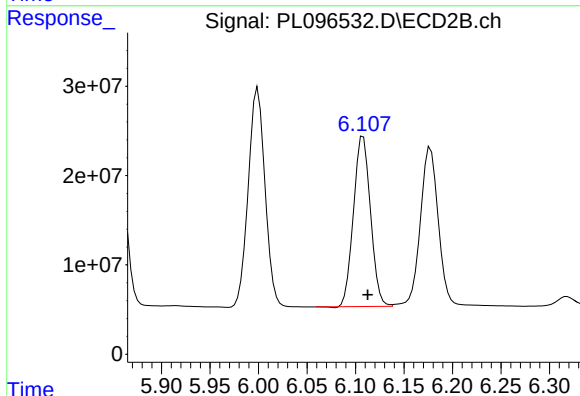
#17 4,4'-DDT

R.T.: 6.988 min
Delta R.T.: -0.004 min
Response: 153947557
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

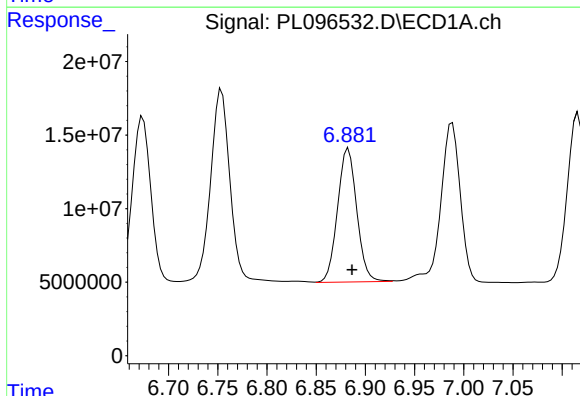
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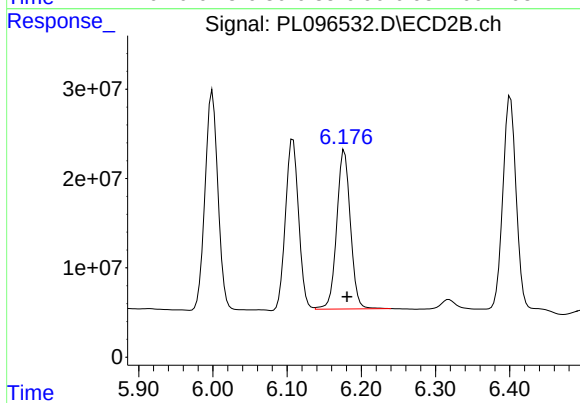
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.005 min
Response: 232514675
Conc: 40.54 ng/ml



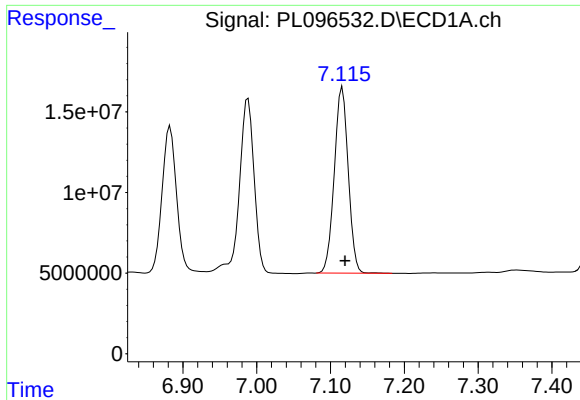
#18 Endrin aldehyde

R.T.: 6.881 min
Delta R.T.: -0.005 min
Response: 123545294
Conc: 55.26 ng/ml m



#18 Endrin aldehyde

R.T.: 6.177 min
Delta R.T.: -0.004 min
Response: 228803240
Conc: 51.36 ng/ml



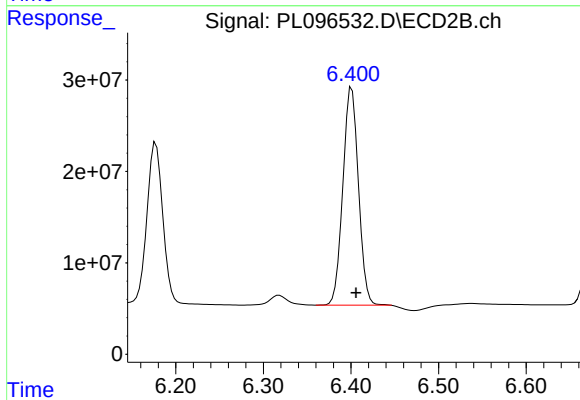
#19 Endosulfan Sulfate

R.T.: 7.116 min
Delta R.T.: -0.003 min
Response: 151631050
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

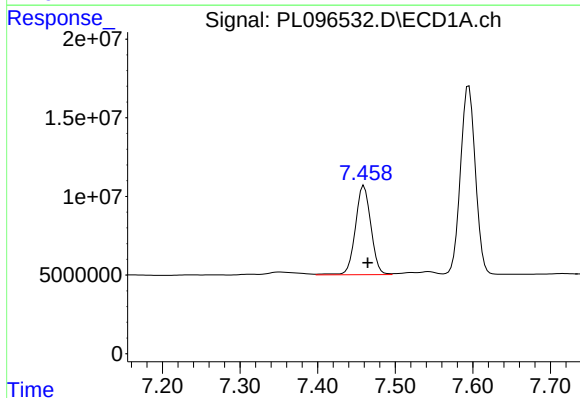
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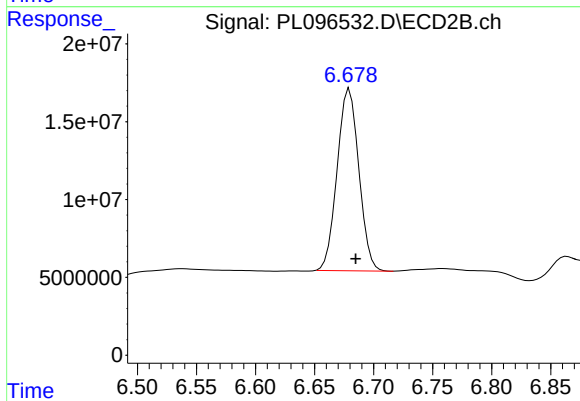
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: -0.005 min
Response: 294941036
Conc: 52.44 ng/ml



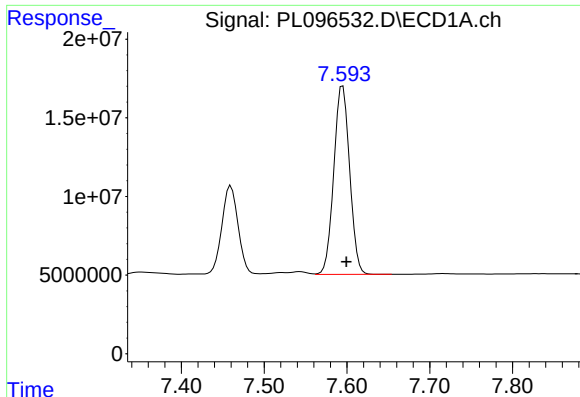
#20 Methoxychlor

R.T.: 7.460 min
Delta R.T.: -0.005 min
Response: 78652653
Conc: 49.93 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: -0.005 min
Response: 149671668
Conc: 49.27 ng/ml



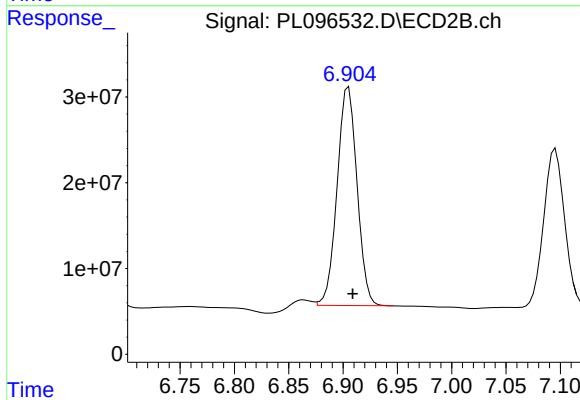
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: -0.005 min
Response: 159649825
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

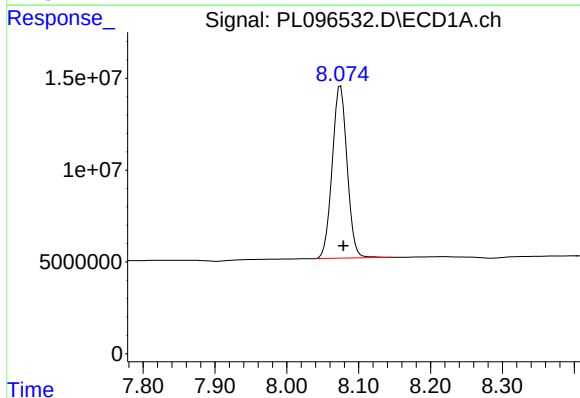
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APPROVED

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



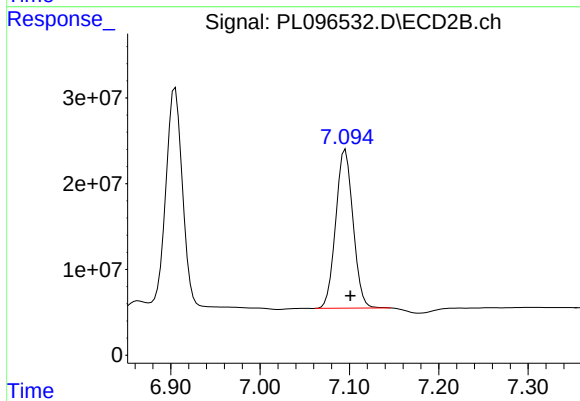
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.005 min
Response: 325335780
Conc: 52.04 ng/ml m



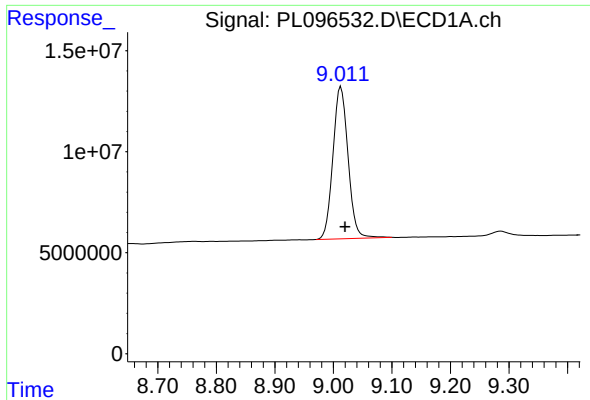
#22 Mirex

R.T.: 8.075 min
Delta R.T.: -0.004 min
Response: 135185175
Conc: 48.59 ng/ml



#22 Mirex

R.T.: 7.096 min
Delta R.T.: -0.006 min
Response: 249041500
Conc: 50.13 ng/ml



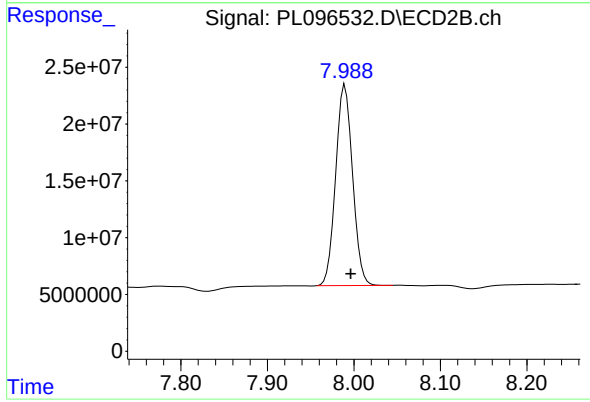
#28 Decachlorobiphenyl

R.T.: 9.013 min
Delta R.T.: -0.007 min
Response: 135361994
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.007 min
Response: 238828205
Conc: 47.90 ng/ml