

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
 Data File : PL096678.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 17:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 02:51:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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	2.828	170.3E6	256.7E6	53.533	53.737
28)	SA Decachlor...	9.014	7.992	134.1E6	227.7E6	56.237	52.487
Target Compounds							
2)	A alpha-BHC	3.982	3.333	249.7E6	385.3E6	53.978	54.444
3)	MA gamma-BHC...	4.310	3.665	236.3E6	356.0E6	53.423	53.918
4)	MA Heptachlor	4.902	4.014	223.2E6	346.2E6	53.718	51.967
5)	MB Aldrin	5.242	4.297	225.5E6	333.7E6	52.423	53.760
6)	B beta-BHC	4.497	3.961	98817787	148.8E6	54.748	52.755
7)	B delta-BHC	4.741	4.194	220.7E6	346.9E6	55.309m	53.594
8)	B Heptachlo...	5.661	4.799	210.2E6	305.2E6	54.507	53.429
9)	A Endosulfan I	6.043	5.170	192.3E6	278.8E6	53.472	50.396
10)	B gamma-Chl...	5.915	5.051	208.5E6	313.5E6	54.798	53.315
11)	B alpha-Chl...	5.996	5.115	207.0E6	305.7E6	53.695	51.825
12)	B 4,4'-DDE	6.165	5.302	176.1E6	289.0E6	54.846	52.409m
13)	MA Dieldrin	6.315	5.433	201.8E6	312.6E6	54.386	52.923m
14)	MA Endrin	6.542	5.709	153.7E6	268.1E6	50.766	49.596
15)	B Endosulfa...	6.754	6.001	169.4E6	268.7E6	52.895	52.308
16)	A 4,4'-DDD	6.674	5.856	149.8E6	257.2E6	59.260	54.664
17)	MA 4,4'-DDT	6.988	6.108	141.3E6	231.2E6	49.269	45.703
18)	B Endrin al...	6.882	6.179	122.1E6	201.7E6	56.894	54.621
19)	B Endosulfa...	7.116	6.402	156.4E6	268.8E6	54.436	52.856
20)	A Methoxychlor	7.461	6.680	71309688	126.4E6	48.564	46.140
21)	B Endrin ke...	7.597	6.905	172.7E6	312.6E6	57.449	56.121m
22)	Mirex	8.075	7.097	137.1E6	222.3E6	55.303	50.979

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
Data File : PL096678.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 17:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

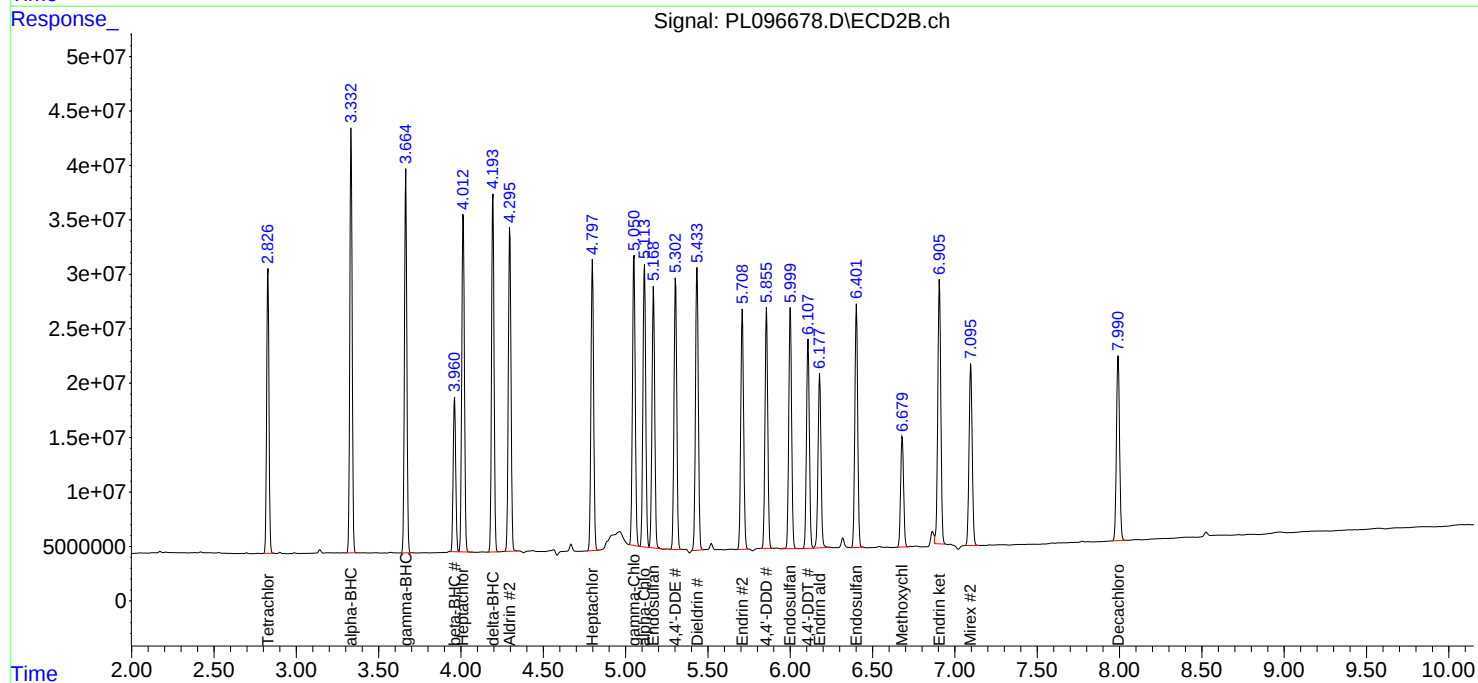
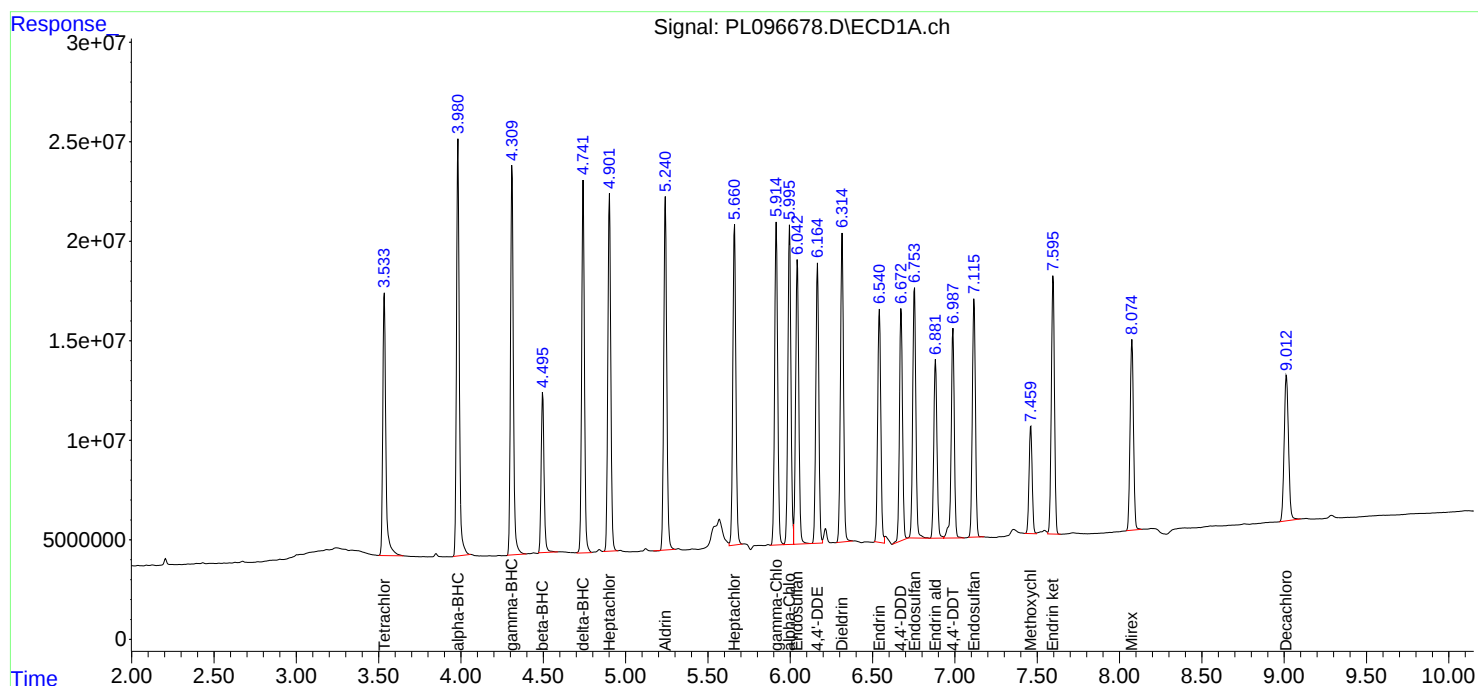
APPROVED

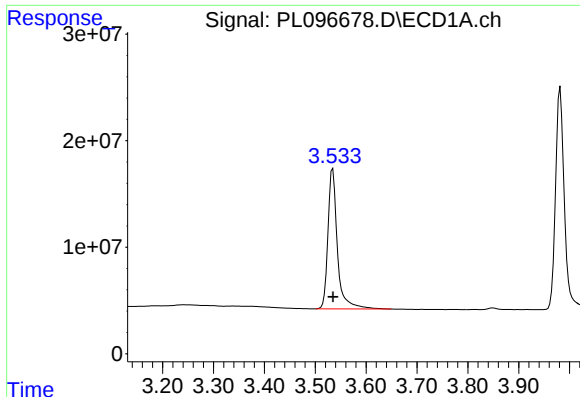
Reviewed By :Yogesh Patel 08/01/2025

Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 02:51:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





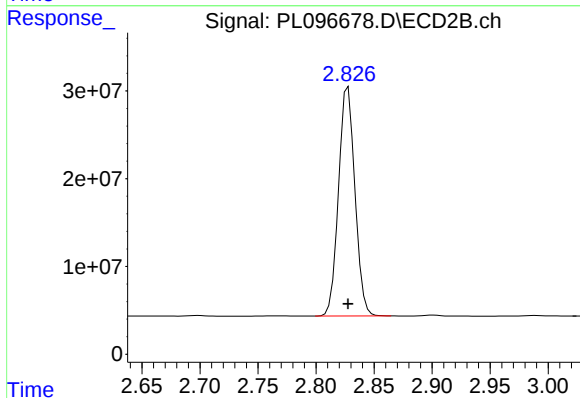
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 170275782
Conc: 53.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

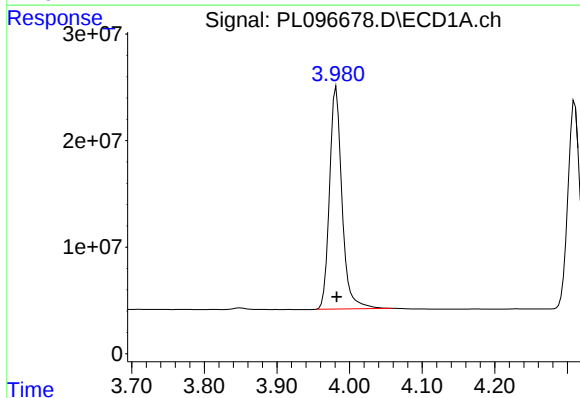
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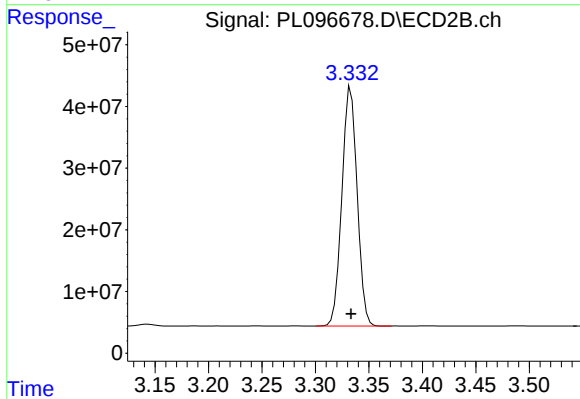
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 256743195
Conc: 53.74 ng/ml



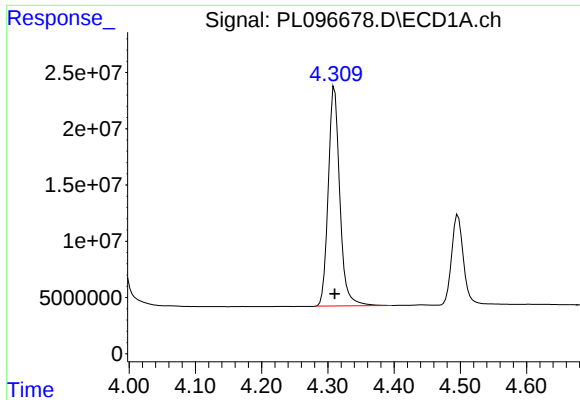
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 249719064
Conc: 53.98 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 385300621
Conc: 54.44 ng/ml



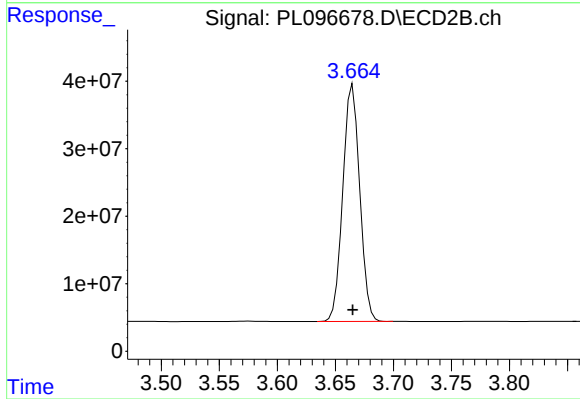
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 236312562
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

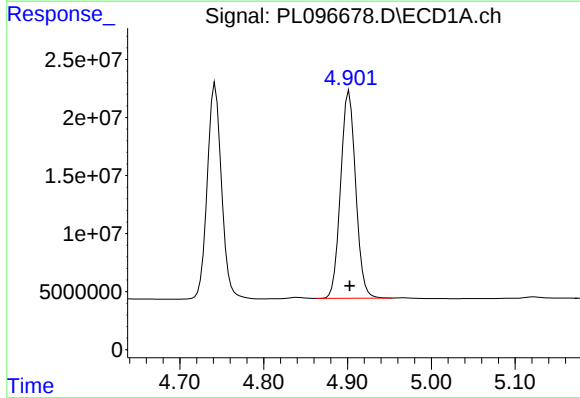
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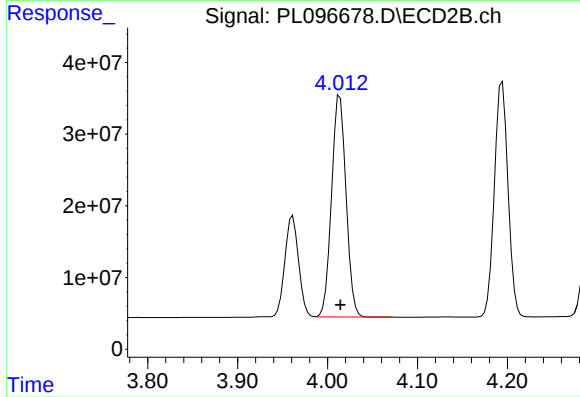
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 356038655
Conc: 53.92 ng/ml



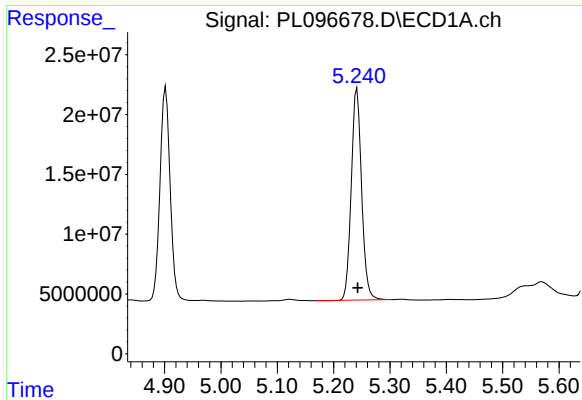
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 223235613
Conc: 53.72 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 346204532
Conc: 51.97 ng/ml



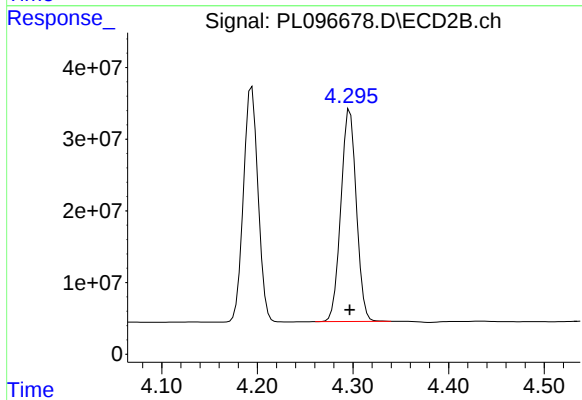
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 225471341
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

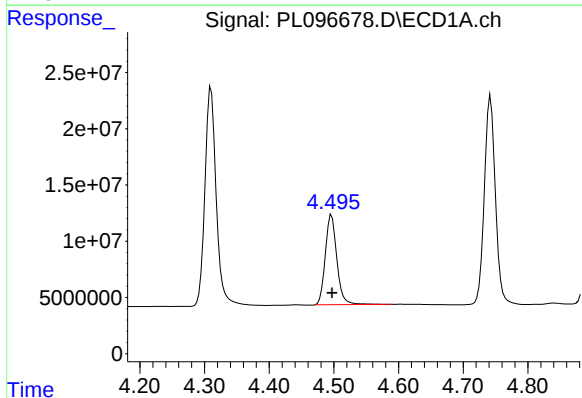
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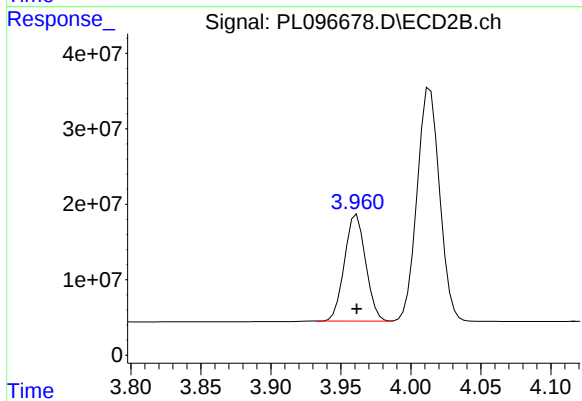
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 333693733
Conc: 53.76 ng/ml



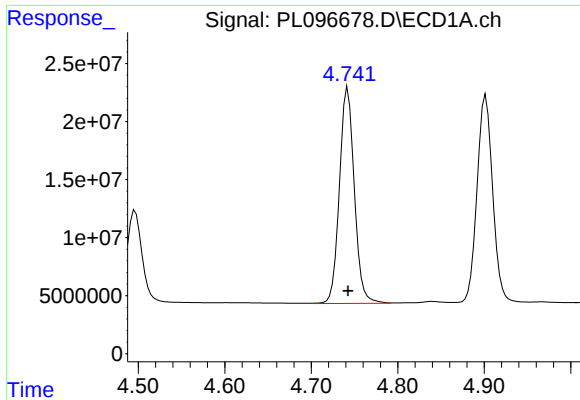
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 98817787
Conc: 54.75 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 148815246
Conc: 52.75 ng/ml



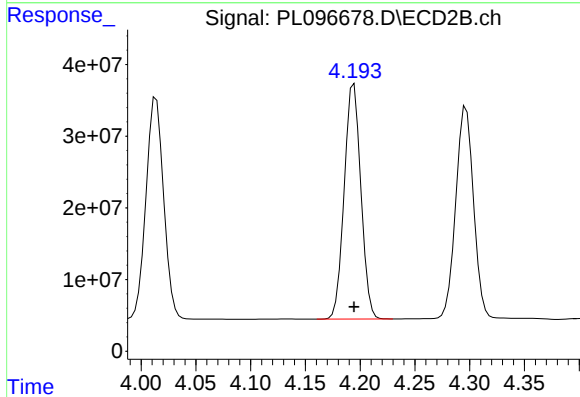
#7 delta-BHC

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 220673542
Conc: 55.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

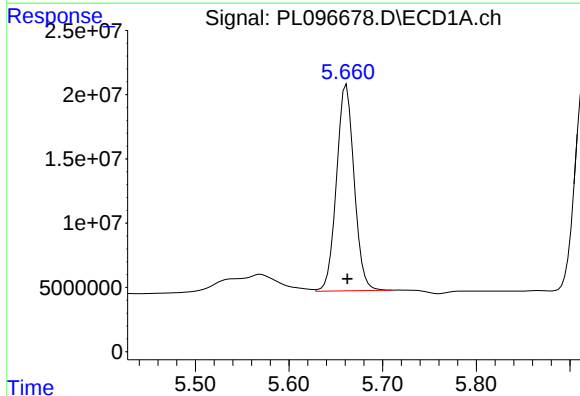
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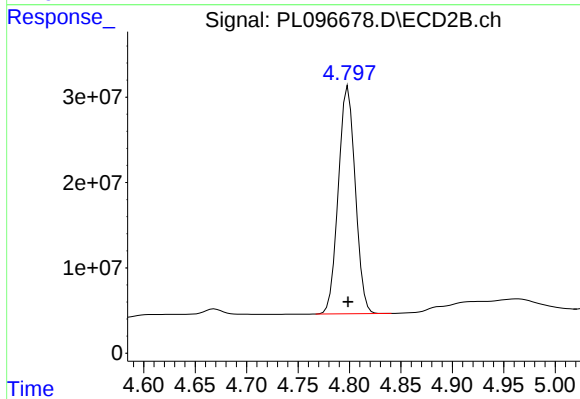
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 346947366
Conc: 53.59 ng/ml



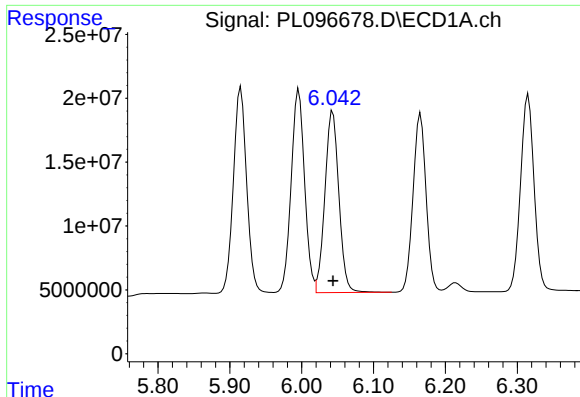
#8 Heptachlor epoxide

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 210208962
Conc: 54.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 305152705
Conc: 53.43 ng/ml



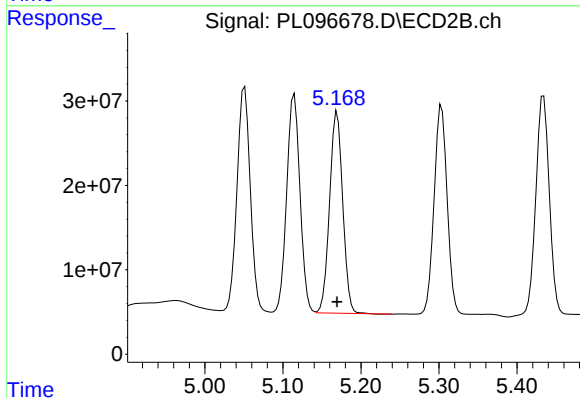
#9 Endosulfan I

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 192304102
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

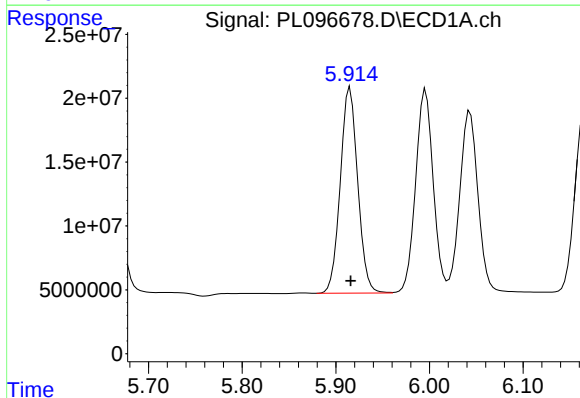
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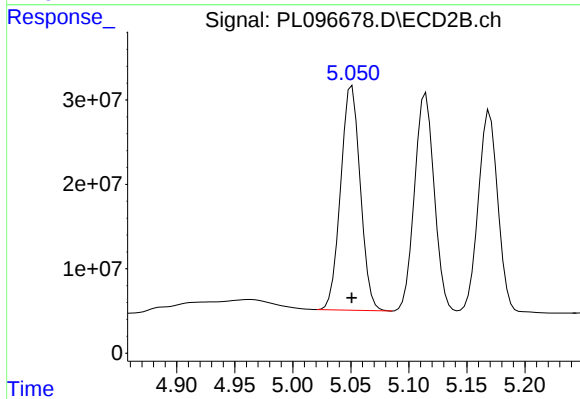
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 278762329
Conc: 50.40 ng/ml



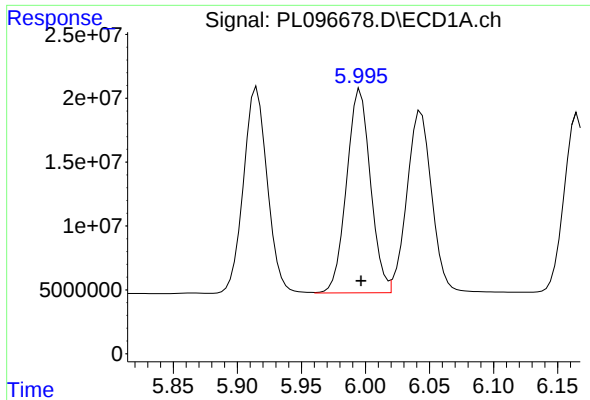
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 208519267
Conc: 54.80 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 313496310
Conc: 53.31 ng/ml



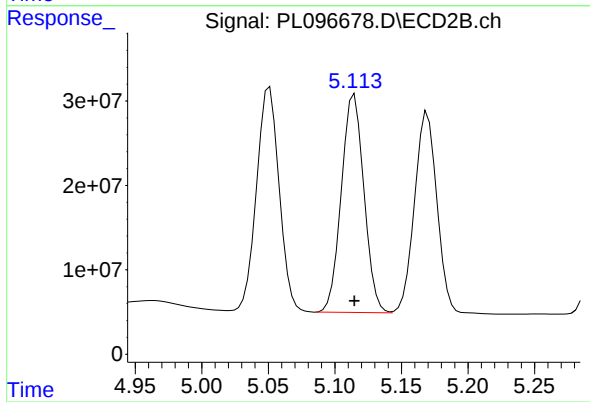
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 206973977
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

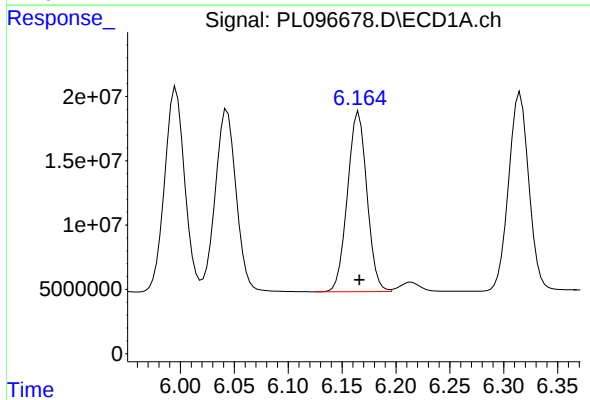
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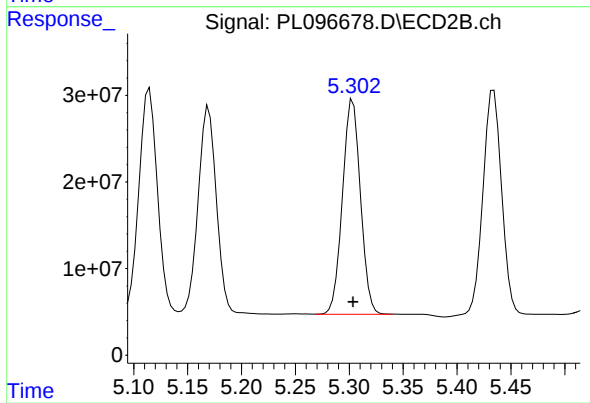
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 305713188
Conc: 51.83 ng/ml



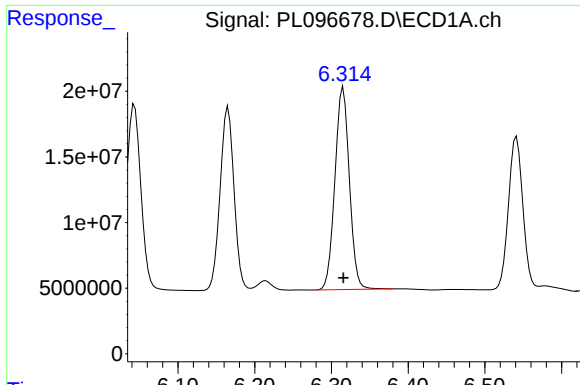
#12 4,4'-DDE

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 176123054
Conc: 54.85 ng/ml



#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.002 min
Response: 289005995
Conc: 52.41 ng/ml m



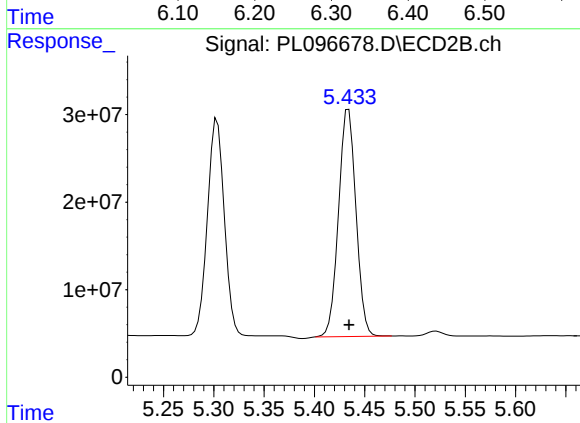
#13 Dieldrin

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 201833243
Conc: 54.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

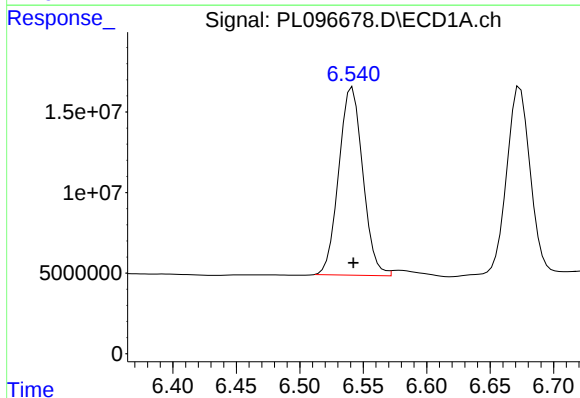
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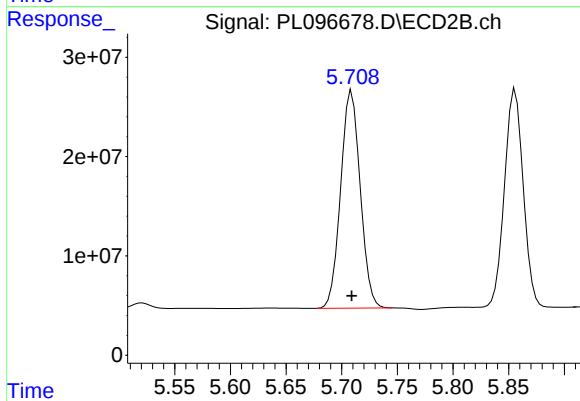
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 312590628
Conc: 52.92 ng/ml m



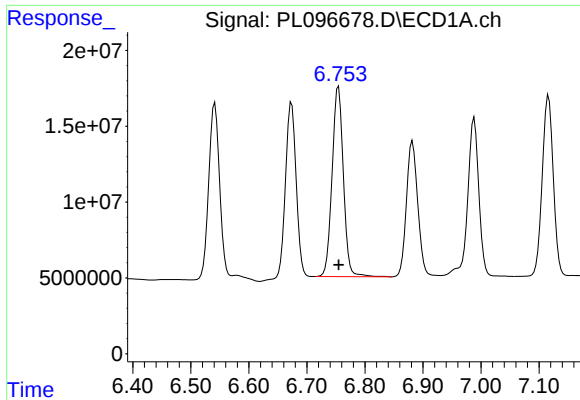
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 153657718
Conc: 50.77 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 268114856
Conc: 49.60 ng/ml



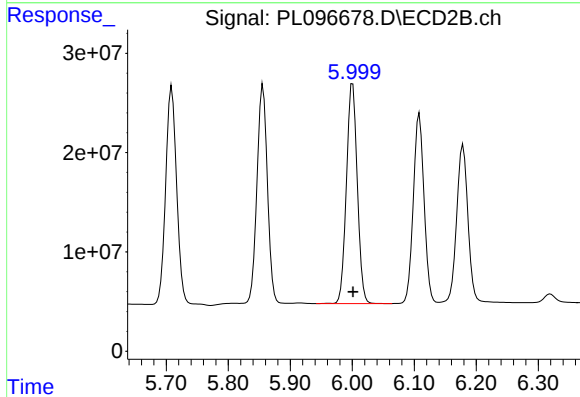
#15 Endosulfan II

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 169405058
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

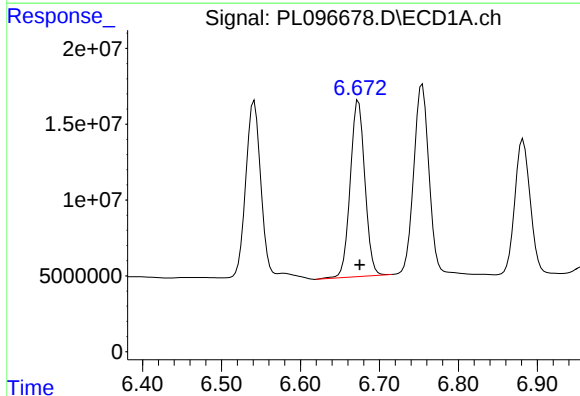
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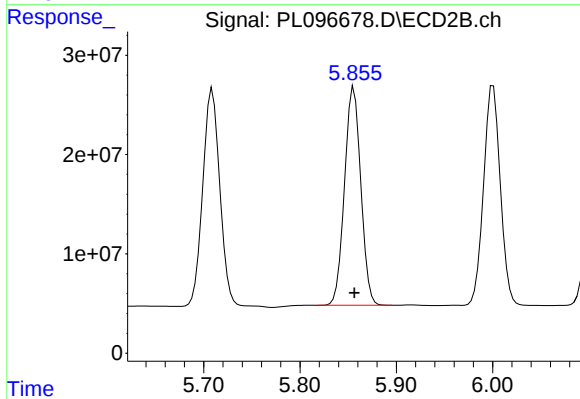
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 268668572
Conc: 52.31 ng/ml



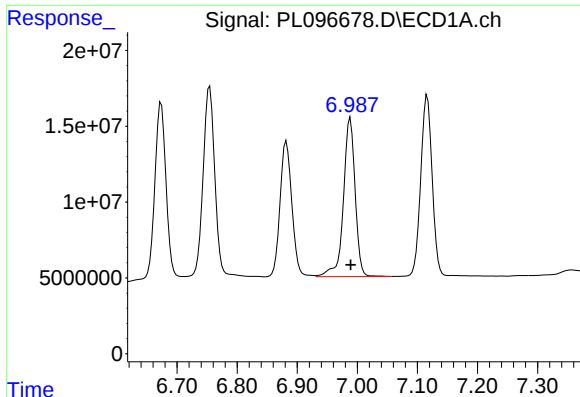
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: -0.001 min
Response: 149831741
Conc: 59.26 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 257207543
Conc: 54.66 ng/ml



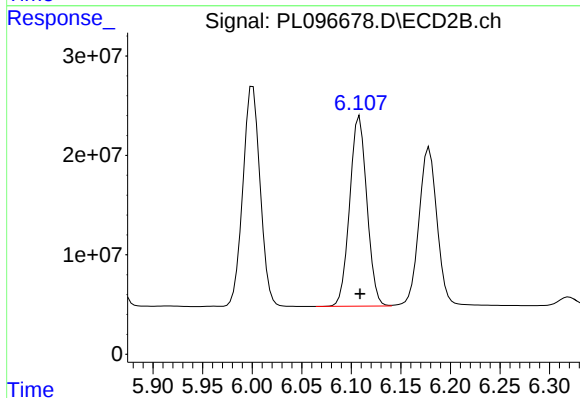
#17 4,4'-DDT

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 141288475
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

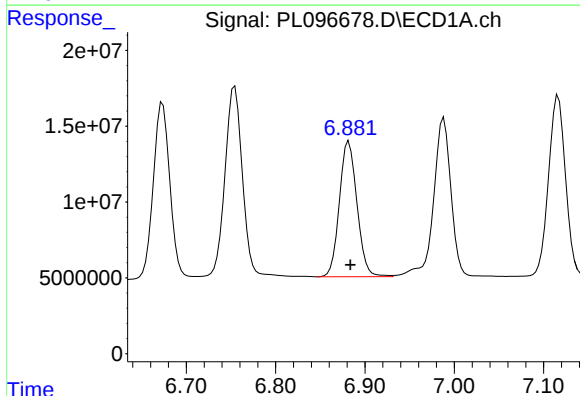
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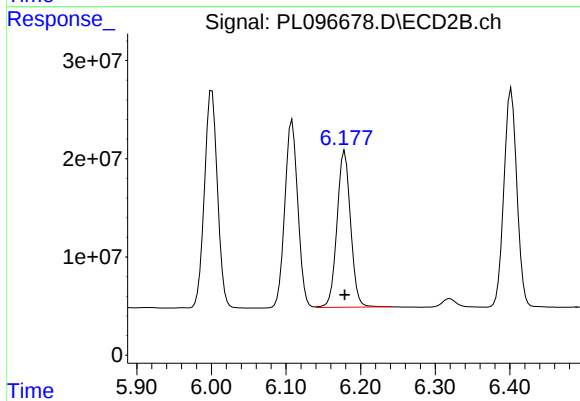
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 231180714
Conc: 45.70 ng/ml



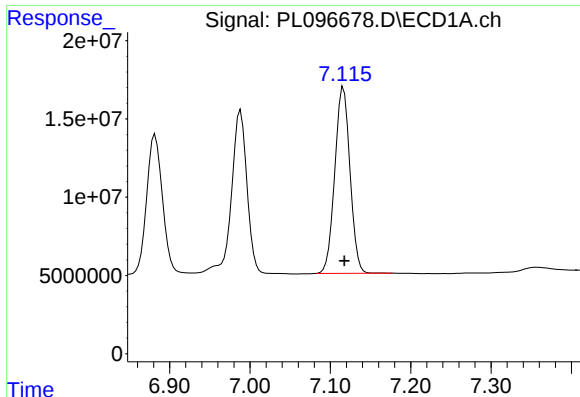
#18 Endrin aldehyde

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 122089250
Conc: 56.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 201708126
Conc: 54.62 ng/ml



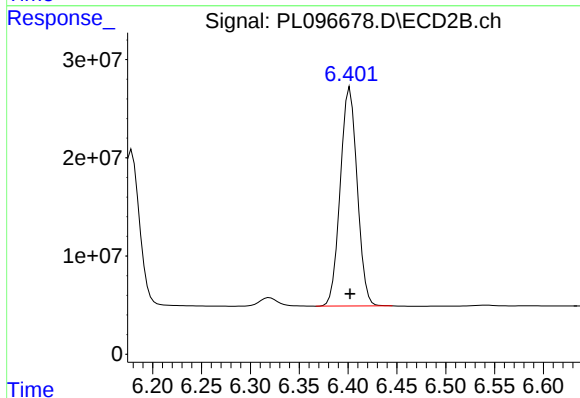
#19 Endosulfan Sulfate

R.T.: 7.116 min
Delta R.T.: -0.001 min
Response: 156431206
Conc: 54.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

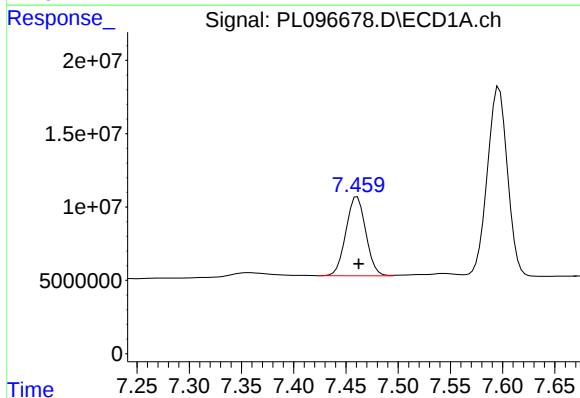
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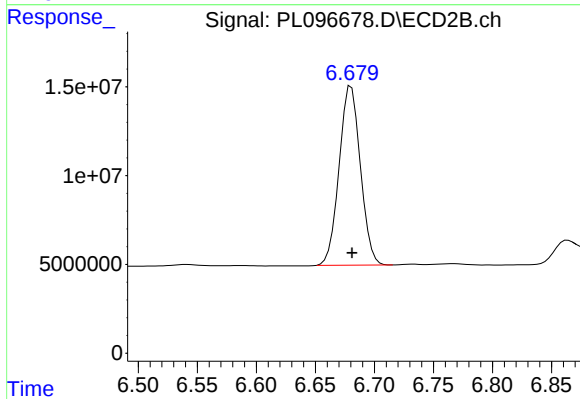
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 268839287
Conc: 52.86 ng/ml



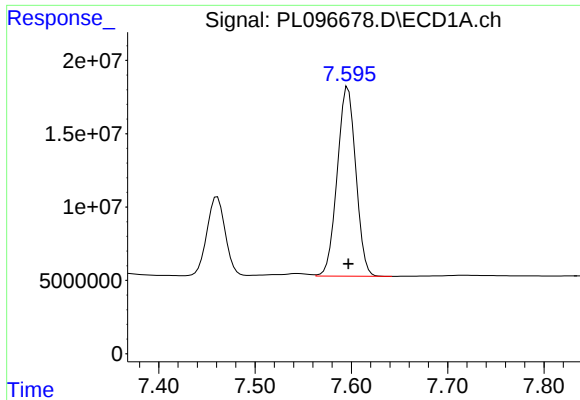
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: -0.001 min
Response: 71309688
Conc: 48.56 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 126446008
Conc: 46.14 ng/ml



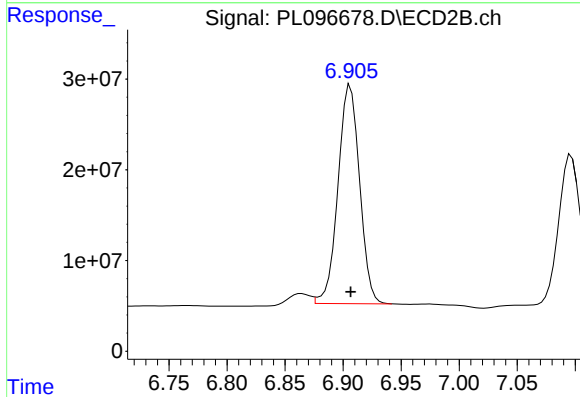
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 172733943
Conc: 57.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

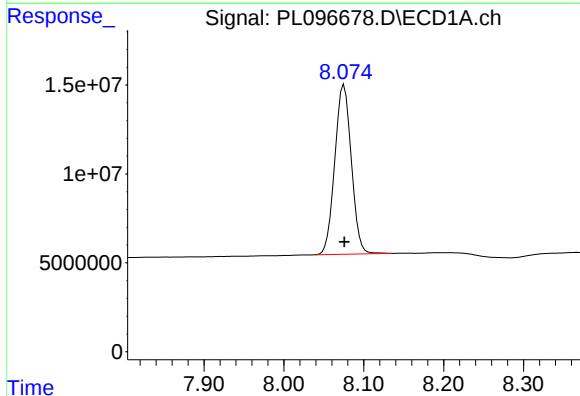
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



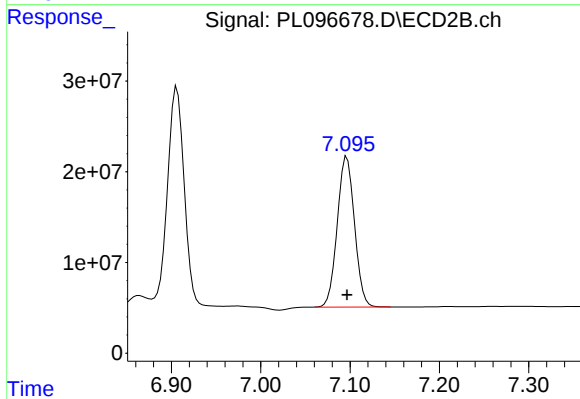
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.002 min
Response: 312582284
Conc: 56.12 ng/ml m



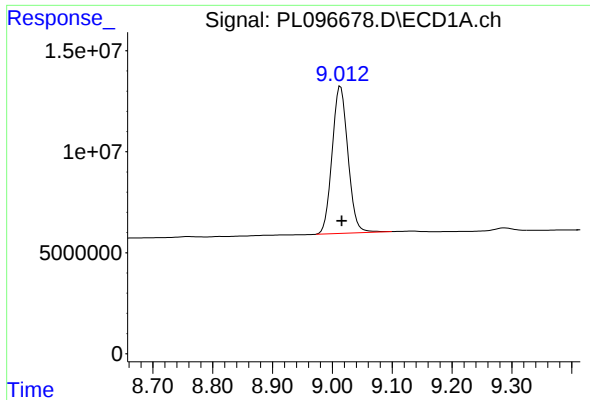
#22 Mirex

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 137115481
Conc: 55.30 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 222313101
Conc: 50.98 ng/ml



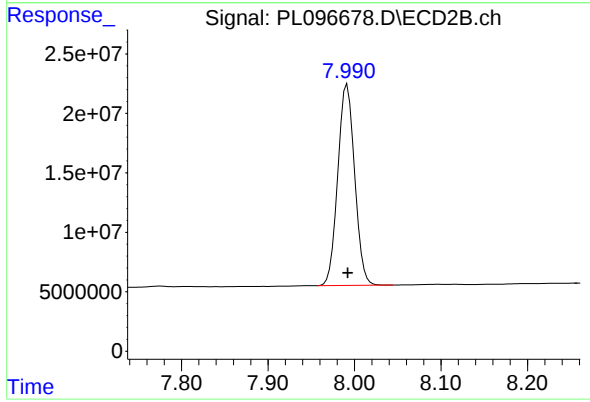
#28 Decachlorobiphenyl

R.T.: 9.014 min
Delta R.T.: -0.002 min
Response: 134106477
Conc: 56.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 227705161
Conc: 52.49 ng/ml