

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071425\
 Data File : PL096355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 15:53
 Operator : AR\AJ
 Sample : Q2586-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-16MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025
 Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 02:20:23 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	2.824	61066326	85686382	16.735m	14.847
28)	SA Decachlor...	9.024	7.994	40443296	61698033	14.377	12.373
Target Compounds							
2)	A alpha-BHC	3.984	3.331	275.8E6	374.5E6	53.620	44.406
3)	MA gamma-BHC...	4.312	3.663	258.8E6	343.7E6	51.971	43.639
4)	MA Heptachlor	4.904	4.013	243.0E6	334.4E6	53.049m	43.949
5)	MB Aldrin	5.245	4.296	248.3E6	325.8E6	51.367m	44.663
6)	B beta-BHC	4.499	3.960	105.5E6	145.2E6	50.727	42.401
7)	B delta-BHC	4.745	4.193	253.3E6	336.0E6	56.521	43.631
8)	B Heptachlo...	5.666	4.799	234.5E6	289.0E6	56.528	43.224
9)	A Endosulfan I	6.048	5.170	219.4E6	265.6E6	54.340	37.026 #
10)	B gamma-Chl...	5.920	5.051	229.2E6	304.7E6	51.806	43.400
11)	B alpha-Chl...	6.001	5.115	242.8E6	297.2E6	55.455	39.526 #
12)	B 4,4'-DDE	6.171	5.304	190.5E6	267.8E6	51.391	41.438
13)	MA Dieldrin	6.320	5.435	218.3E6	300.1E6	51.631	44.002
14)	MA Endrin	6.547	5.709	178.7E6	231.8E6	57.464	38.027 #
15)	B Endosulfa...	6.759	6.001	174.0E6	267.2E6	50.152m	45.569
16)	A 4,4'-DDD	6.678	5.857	153.8E6	225.6E6	52.837m	43.988
17)	MA 4,4'-DDT	6.992	6.110	153.5E6	208.1E6	50.585m	36.292 #
18)	B Endrin al...	6.886	6.180	133.5E6	191.6E6	59.712m	43.008 #
19)	B Endosulfa...	7.122	6.403	173.4E6	240.4E6	56.674	42.749
20)	A Methoxychlor	7.467	6.682	95272369	125.1E6	60.475	41.165 #
21)	B Endrin ke...	7.600	6.907	172.6E6	258.4E6	52.290m	41.329m
22)	Mirex	8.081	7.099	140.2E6	202.7E6	50.395	40.809

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

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Data File : PL096355.D
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Acq On : 14 Jul 2025 15:53
Operator : AR\AJ
Sample : Q2586-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

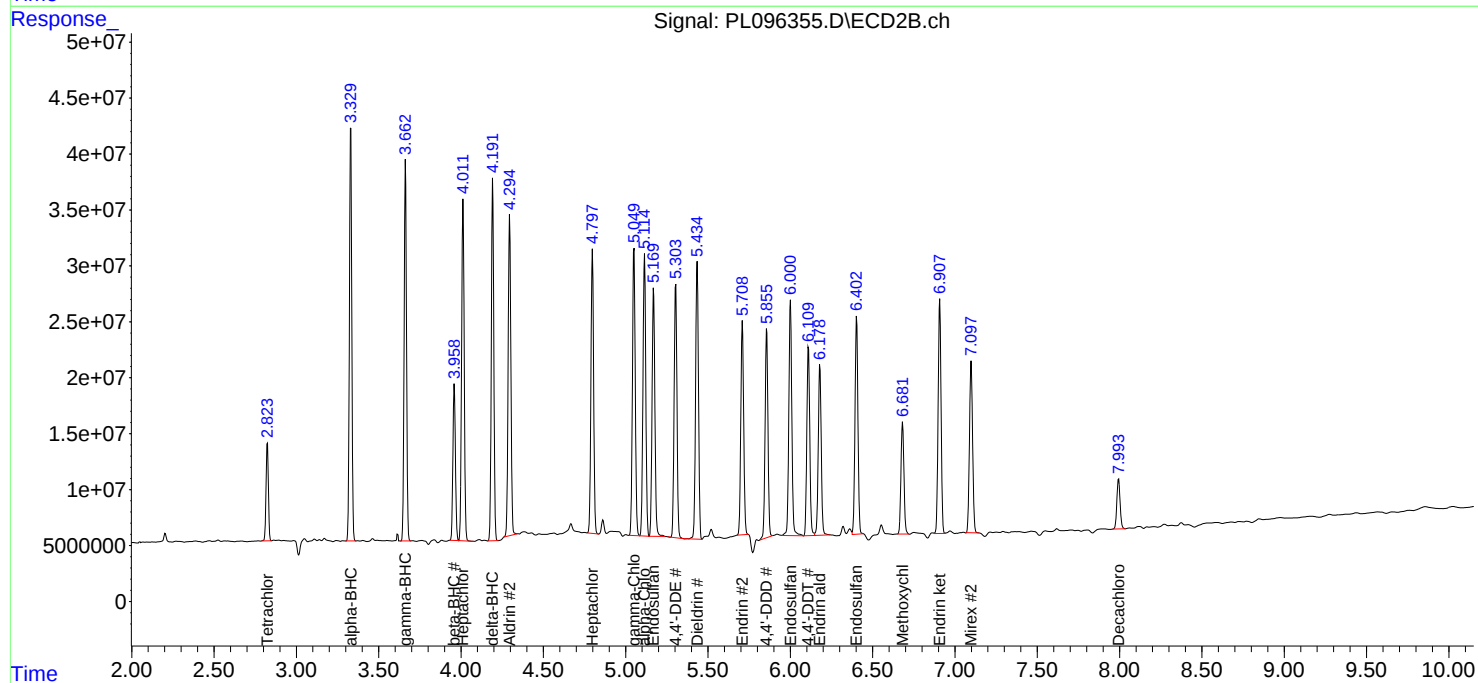
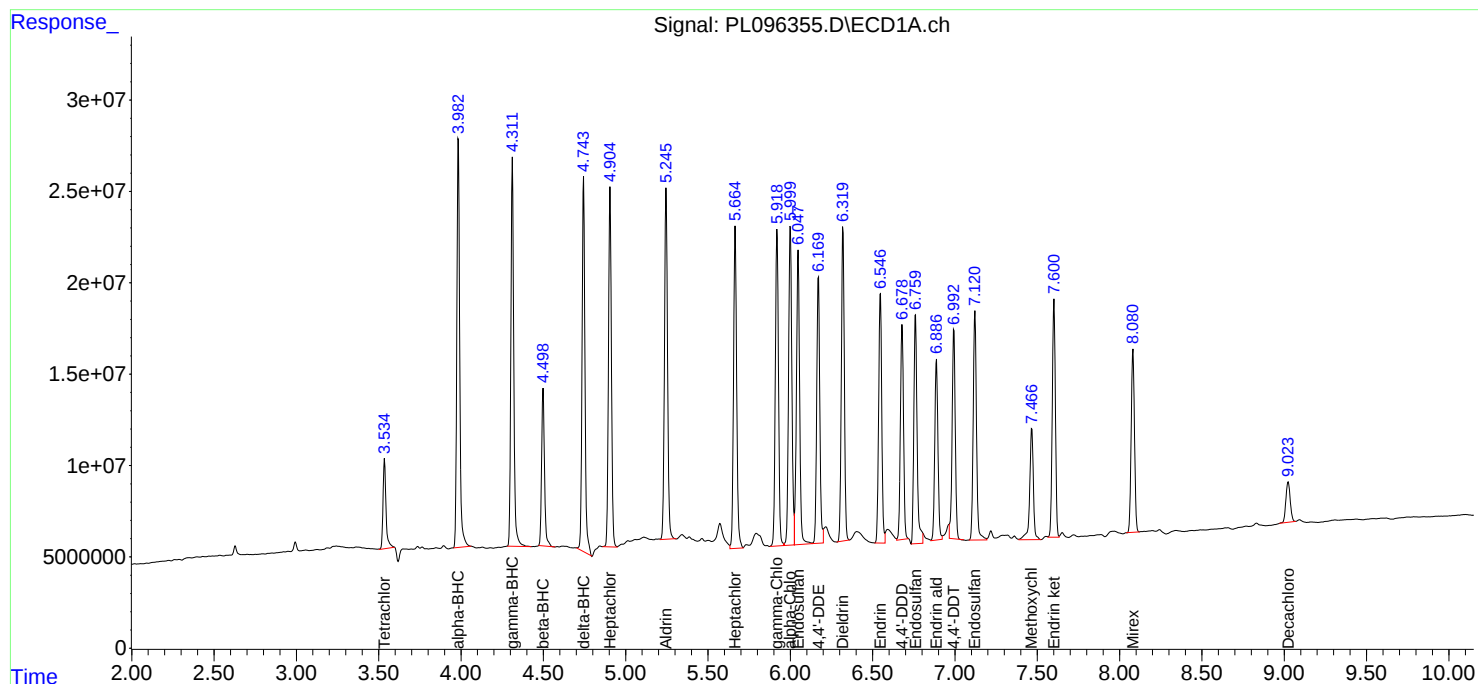
Instrument :
ECD_L
ClientSampleId :
TP-16MSD

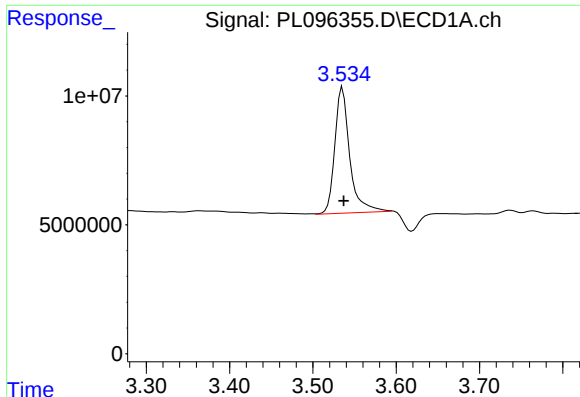
Manual Integrations
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Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 02:20:23 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





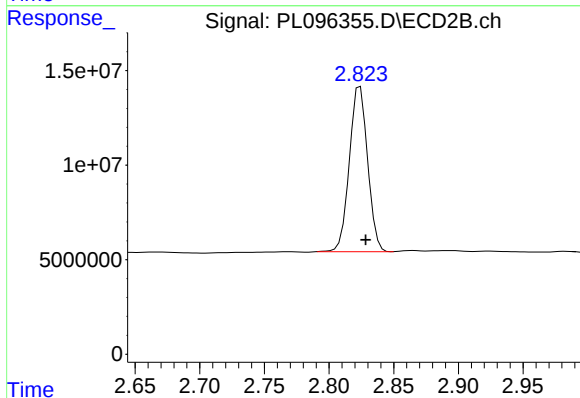
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 61066326
Conc: 16.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

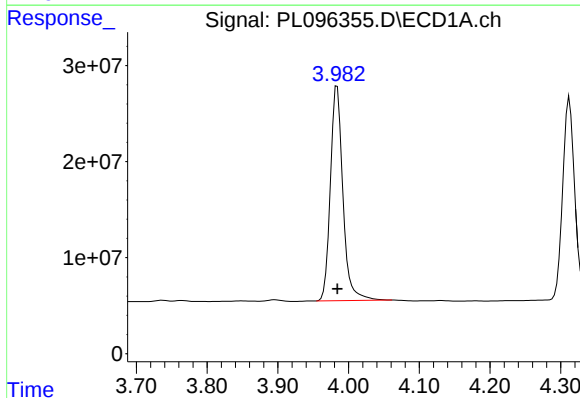
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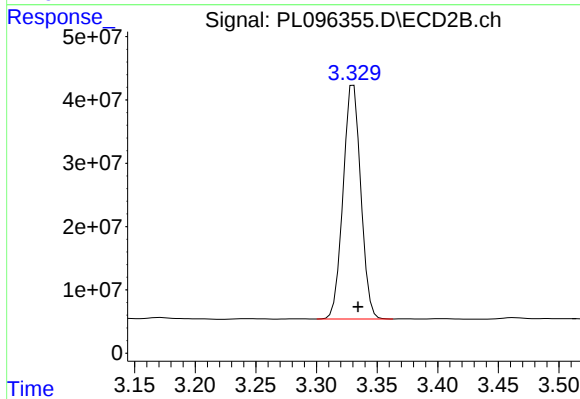
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 85686382
Conc: 14.85 ng/ml



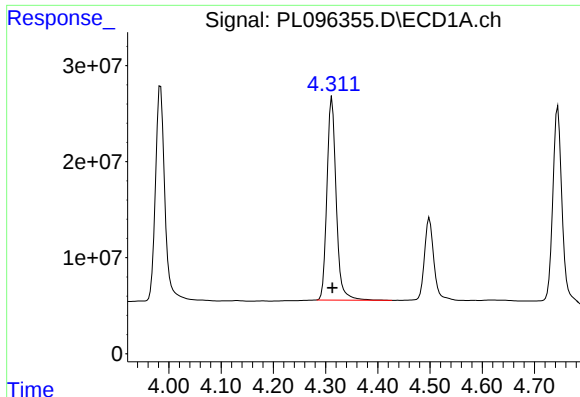
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 275777203
Conc: 53.62 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 374532375
Conc: 44.41 ng/ml



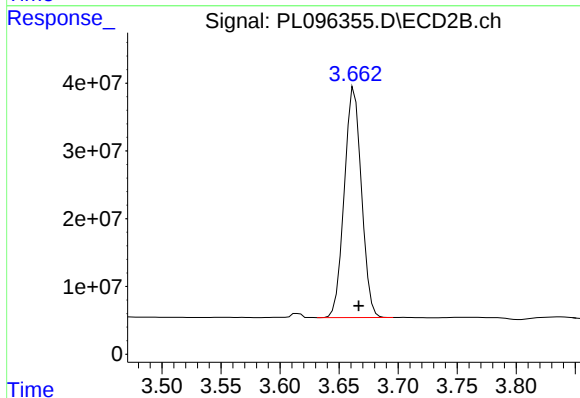
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 258797767
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

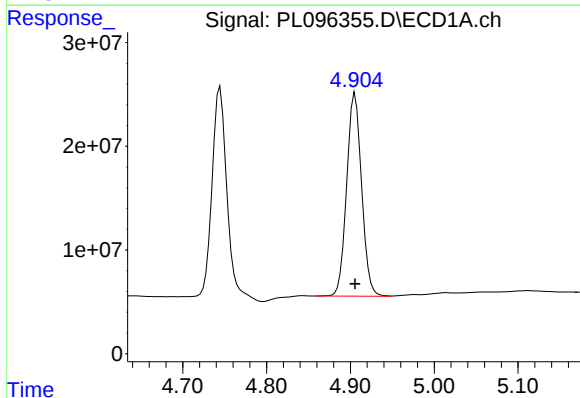
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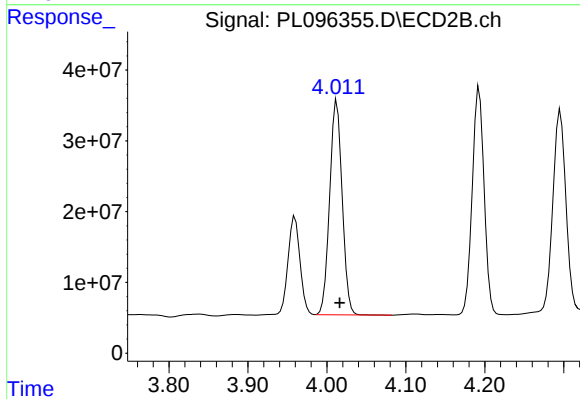
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.004 min
Response: 343691309
Conc: 43.64 ng/ml



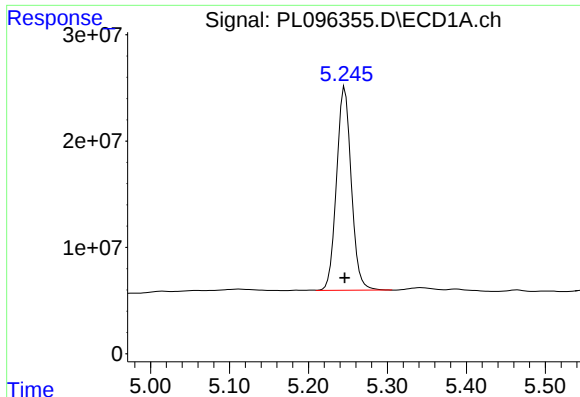
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 243029184
Conc: 53.05 ng/ml m



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.004 min
Response: 334351799
Conc: 43.95 ng/ml



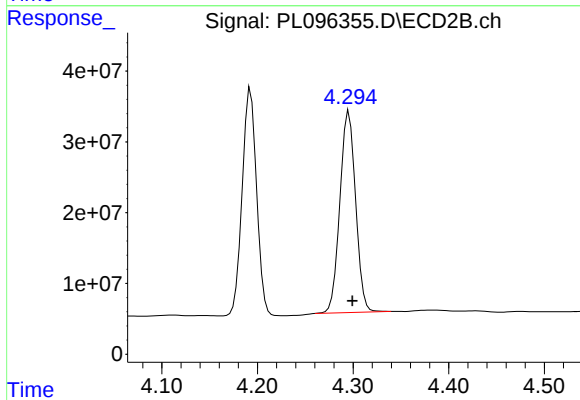
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: -0.001 min
Response: 248291362
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

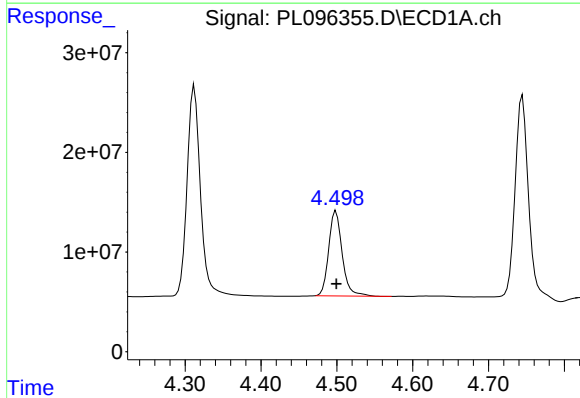
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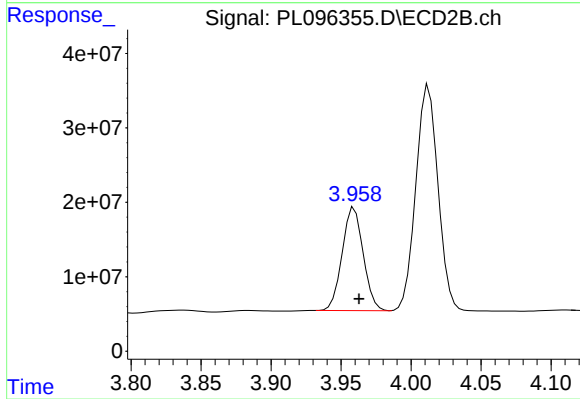
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.004 min
Response: 325842872
Conc: 44.66 ng/ml



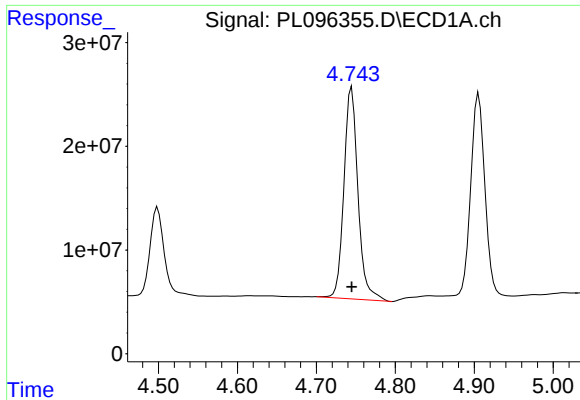
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 105451555
Conc: 50.73 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 145177483
Conc: 42.40 ng/ml



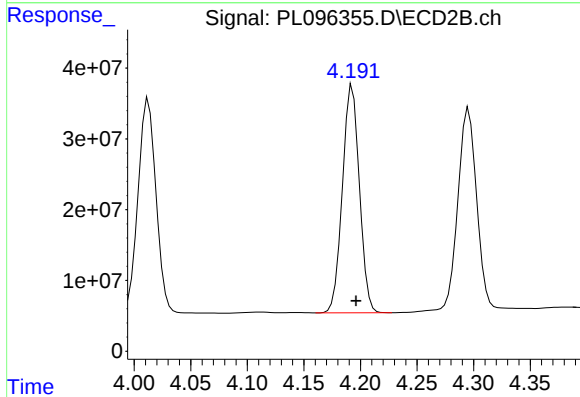
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 253290146
Conc: 56.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

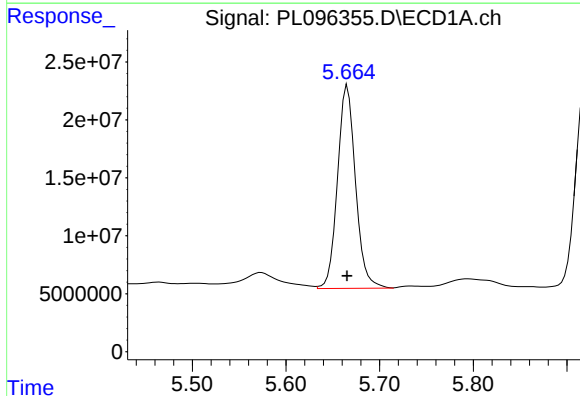
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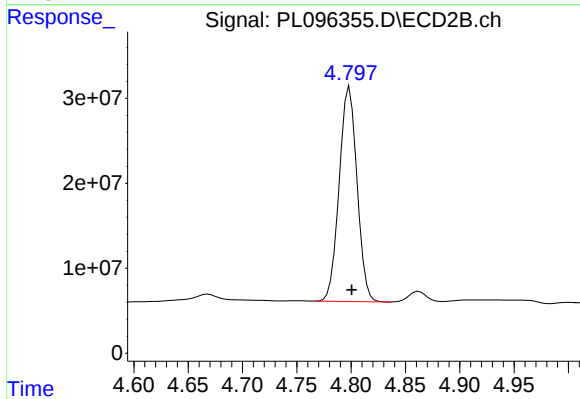
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.003 min
Response: 336043668
Conc: 43.63 ng/ml



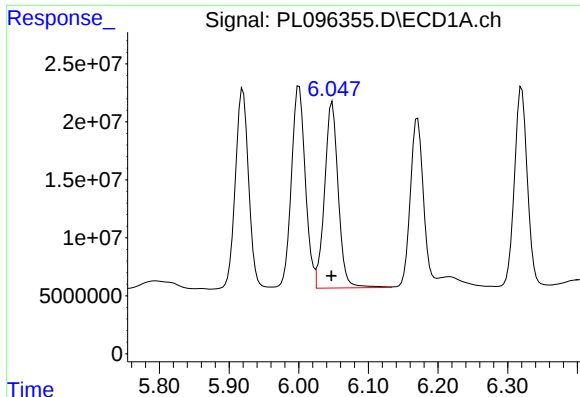
#8 Heptachlor epoxide

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 234542170
Conc: 56.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 288950602
Conc: 43.22 ng/ml



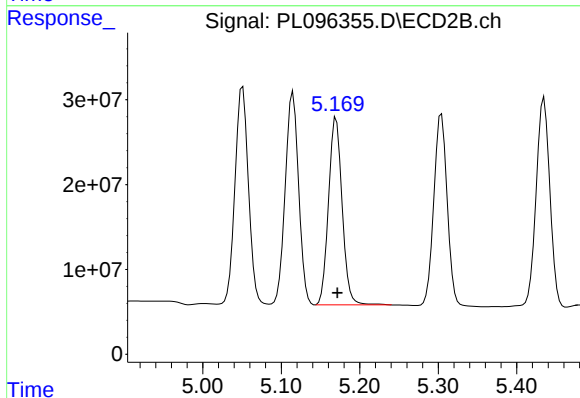
#9 Endosulfan I

R.T.: 6.048 min
Delta R.T.: 0.001 min
Response: 219384805
Conc: 54.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

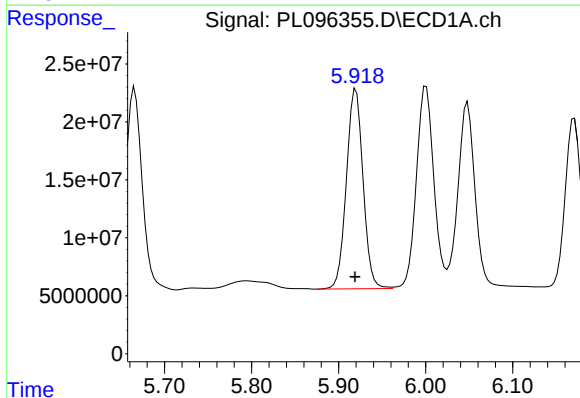
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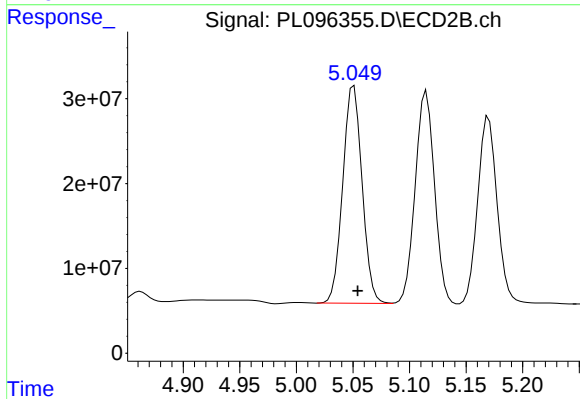
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 265633318
Conc: 37.03 ng/ml



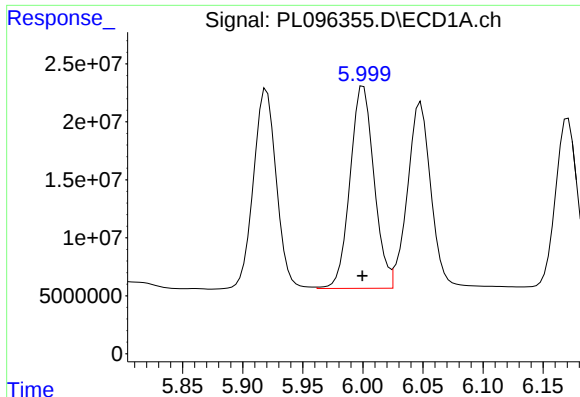
#10 gamma-Chlordane

R.T.: 5.920 min
Delta R.T.: 0.001 min
Response: 229231593
Conc: 51.81 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 304658018
Conc: 43.40 ng/ml



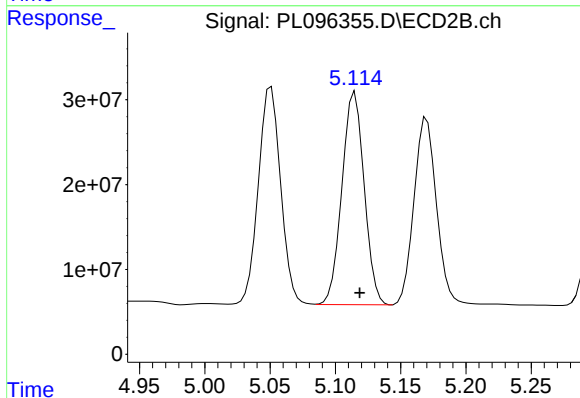
#11 alpha-Chlordane

R.T.: 6.001 min
Delta R.T.: 0.001 min
Response: 242828818
Conc: 55.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

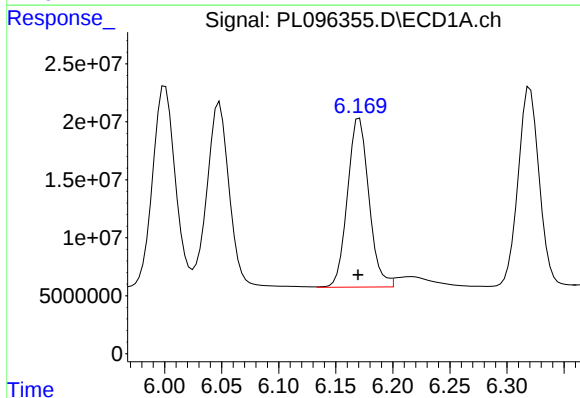
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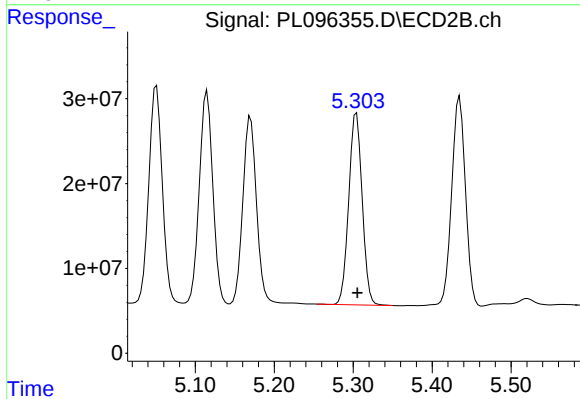
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 297245410
Conc: 39.53 ng/ml



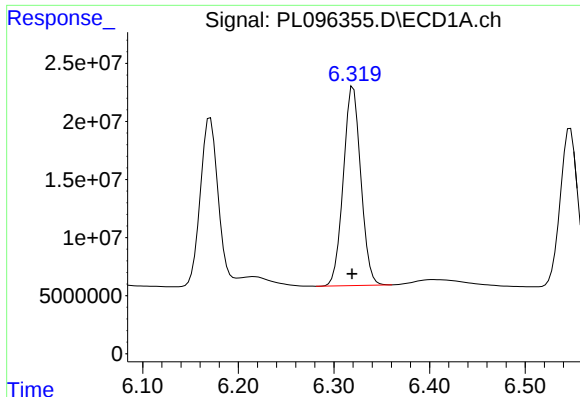
#12 4,4'-DDE

R.T.: 6.171 min
Delta R.T.: 0.001 min
Response: 190529509
Conc: 51.39 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 267839208
Conc: 41.44 ng/ml



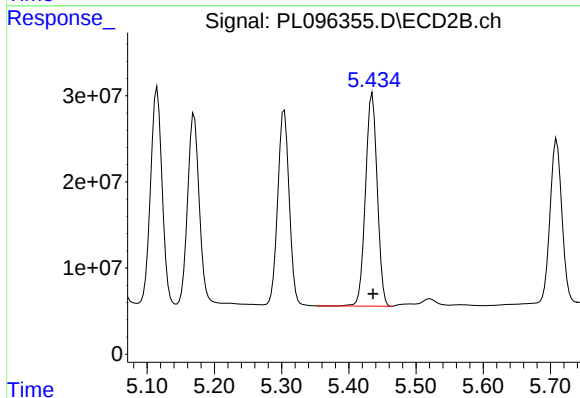
#13 Dieldrin

R.T.: 6.320 min
Delta R.T.: 0.001 min
Response: 218316674
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

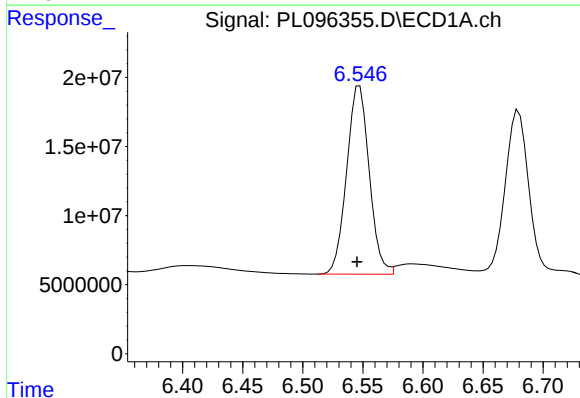
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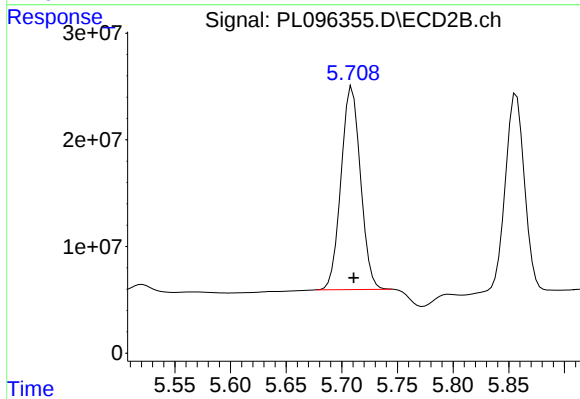
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 300060364
Conc: 44.00 ng/ml



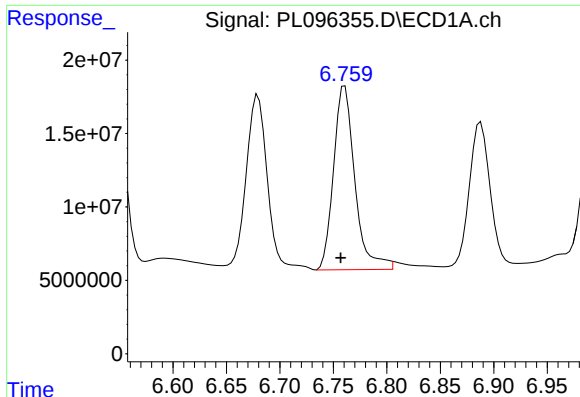
#14 Endrin

R.T.: 6.547 min
Delta R.T.: 0.002 min
Response: 178724331
Conc: 57.46 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 231834018
Conc: 38.03 ng/ml



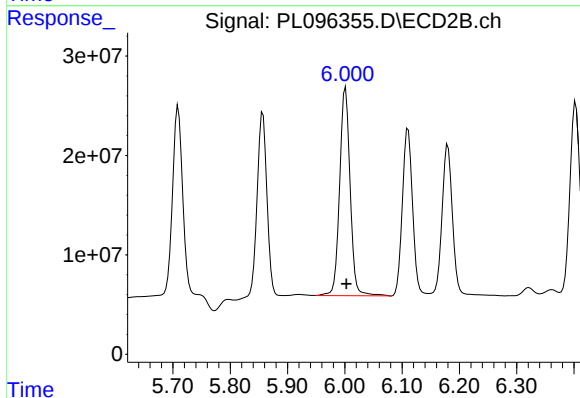
#15 Endosulfan II

R.T.: 6.759 min
Delta R.T.: 0.002 min
Response: 174028938
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

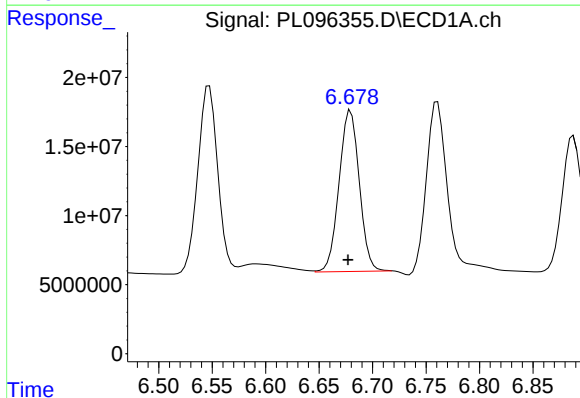
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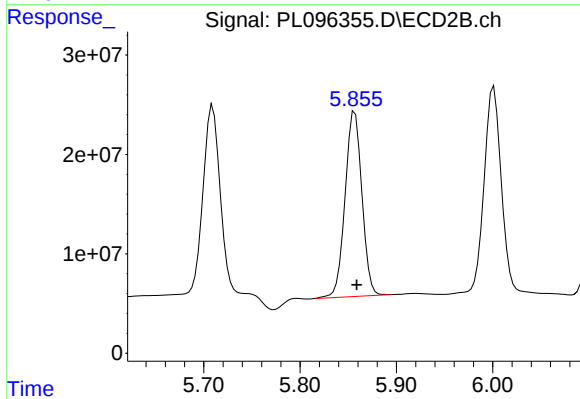
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.001 min
Response: 267214315
Conc: 45.57 ng/ml



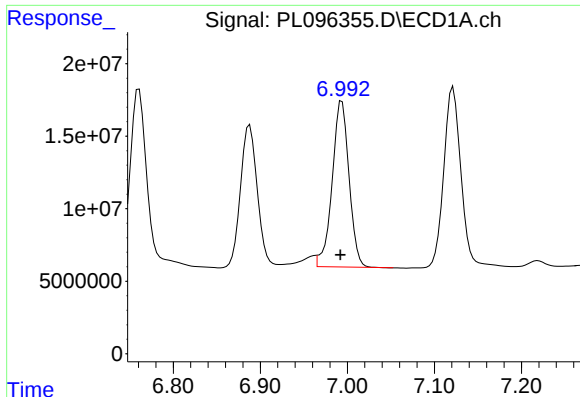
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 153845368
Conc: 52.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 225601341
Conc: 43.99 ng/ml



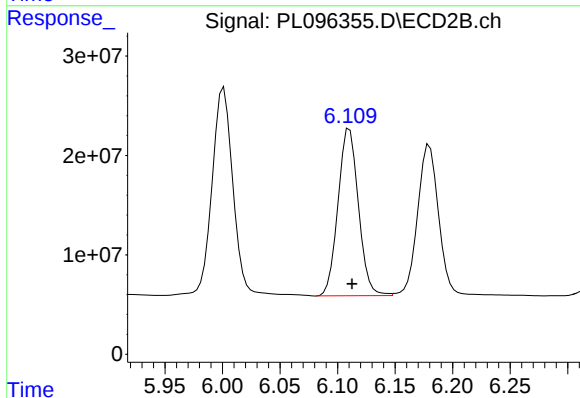
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 153535857
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

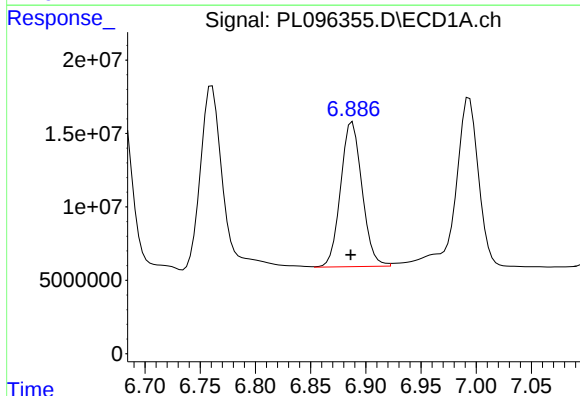
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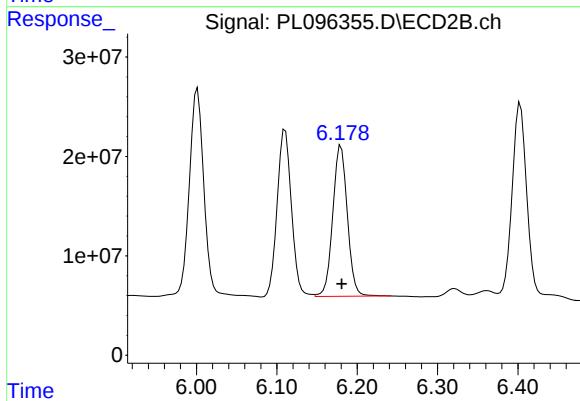
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 208138612
Conc: 36.29 ng/ml



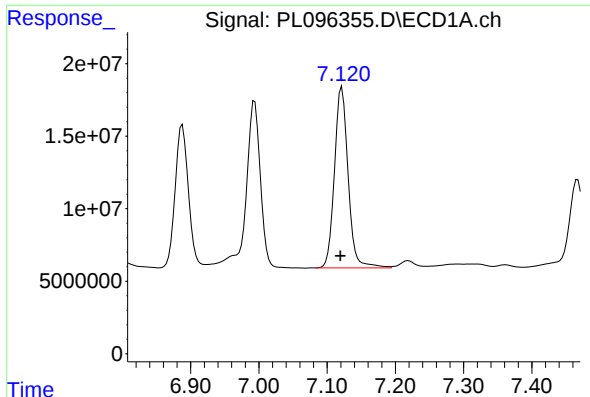
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 133490039
Conc: 59.71 ng/ml m



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 191581926
Conc: 43.01 ng/ml



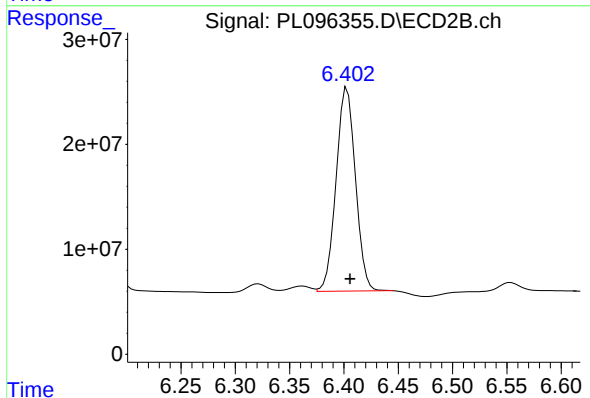
#19 Endosulfan Sulfate

R.T.: 7.122 min
Delta R.T.: 0.002 min
Response: 173356116
Conc: 56.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

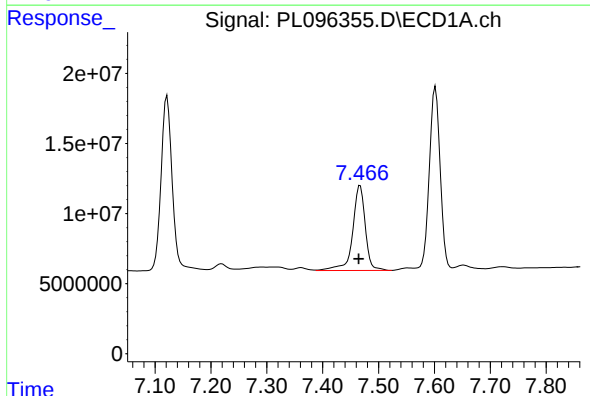
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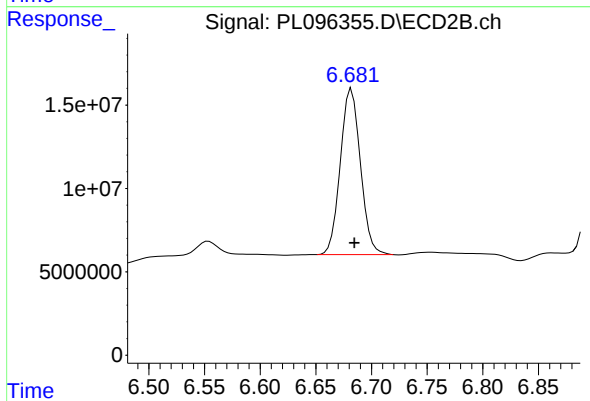
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 240436573
Conc: 42.75 ng/ml



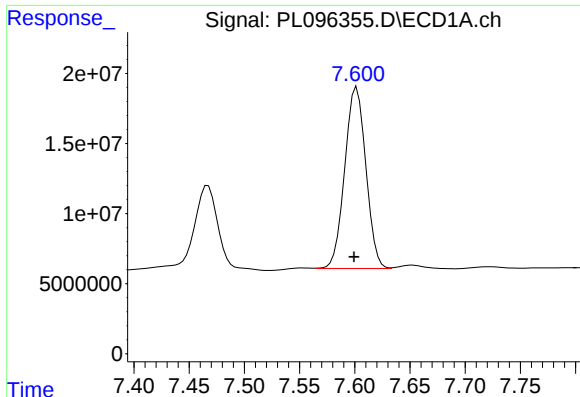
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 95272369
Conc: 60.48 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 125050747
Conc: 41.17 ng/ml



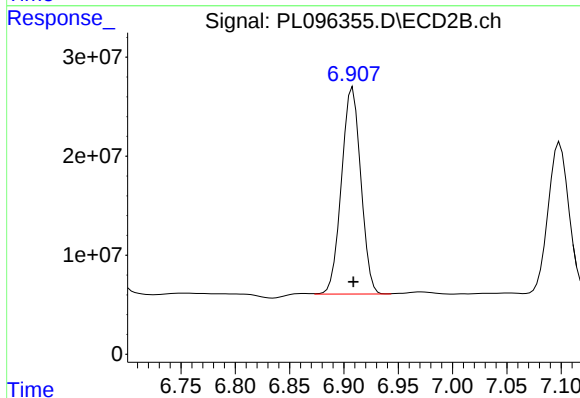
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.001 min
Response: 172642473
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

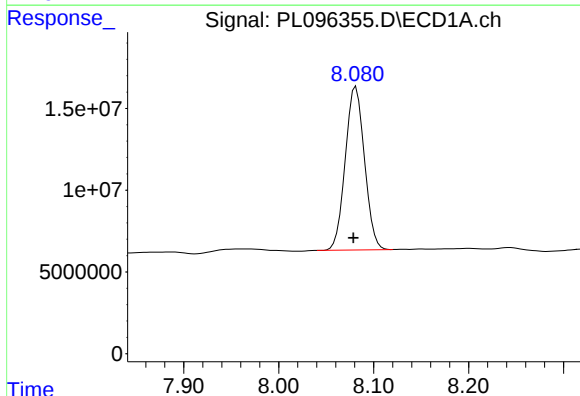
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2025
Supervised By :mohammad ahmed 07/17/2025



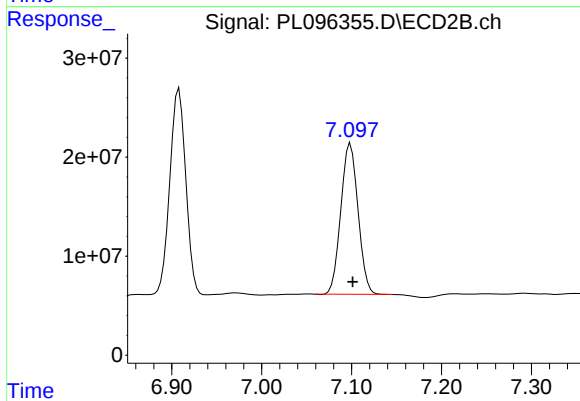
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 258399909
Conc: 41.33 ng/ml m



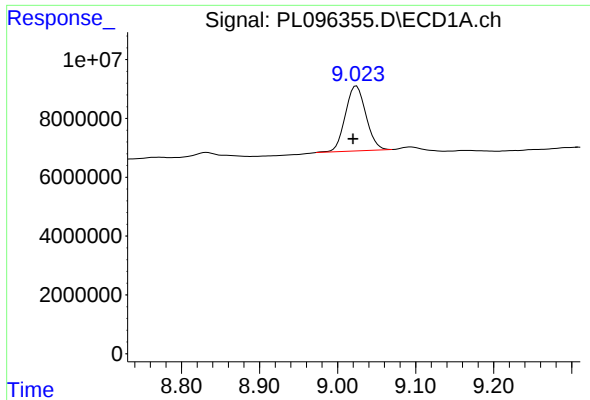
#22 Mirex

R.T.: 8.081 min
Delta R.T.: 0.003 min
Response: 140210623
Conc: 50.40 ng/ml



#22 Mirex

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 202748977
Conc: 40.81 ng/ml



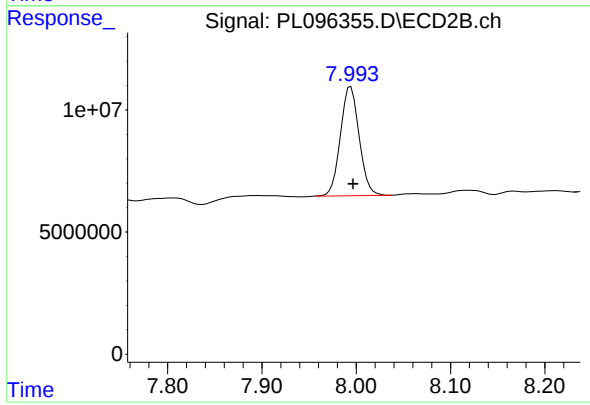
#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.004 min
Response: 40443296
Conc: 14.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MSD

Manual Integrations
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Supervised By :mohammad ahmed 07/17/2025



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.002 min
Response: 61698033
Conc: 12.37 ng/ml