

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071425\
 Data File : PL096354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 15:19
 Operator : AR\AJ
 Sample : Q2586-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-16MS

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 02:20:01 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	61970150	86672118	16.983m	15.018
28)	SA Decachlor...	9.019	7.994	39031810	62308493	13.875	12.495
Target Compounds							
2)	A alpha-BHC	3.983	3.332	273.8E6	381.6E6	53.233	45.249
3)	MA gamma-BHC...	4.311	3.664	258.7E6	352.6E6	51.943	44.765
4)	MA Heptachlor	4.904	4.014	241.1E6	337.1E6	52.638	44.303
5)	MB Aldrin	5.244	4.297	254.6E6	328.4E6	52.681	45.017
6)	B beta-BHC	4.498	3.961	105.4E6	149.3E6	50.704	43.596
7)	B delta-BHC	4.743	4.194	251.0E6	345.4E6	56.017	44.850
8)	B Heptachlo...	5.664	4.799	234.8E6	295.8E6	56.593	44.250
9)	A Endosulfan I	6.046	5.170	212.8E6	272.9E6	52.707	38.045 #
10)	B gamma-Chl...	5.918	5.051	230.2E6	309.9E6	52.018	44.154
11)	B alpha-Chl...	5.998	5.115	229.4E6	308.3E6	52.380	41.001
12)	B 4,4'-DDE	6.169	5.304	183.7E6	287.6E6	49.537	44.490
13)	MA Dieldrin	6.318	5.435	220.6E6	304.9E6	52.164	44.714
14)	MA Endrin	6.544	5.709	171.5E6	267.8E6	55.140	43.921
15)	B Endosulfa...	6.758	6.002	166.0E6	262.0E6	47.832	44.680
16)	A 4,4'-DDD	6.677	5.857	162.3E6	231.5E6	55.746	45.130
17)	MA 4,4'-DDT	6.991	6.110	152.2E6	237.1E6	50.148	41.340
18)	B Endrin al...	6.884	6.180	133.5E6	191.3E6	59.710m	42.933 #
19)	B Endosulfa...	7.119	6.403	162.4E6	242.8E6	53.087	43.167
20)	A Methoxychlor	7.465	6.683	78035414	127.2E6	49.534	41.881
21)	B Endrin ke...	7.599	6.908	168.5E6	265.7E6	51.036	42.492
22)	Mirex	8.079	7.098	140.0E6	210.3E6	50.316	42.330

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071425\
Data File : PL096354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 15:19
Operator : AR\AJ
Sample : Q2586-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

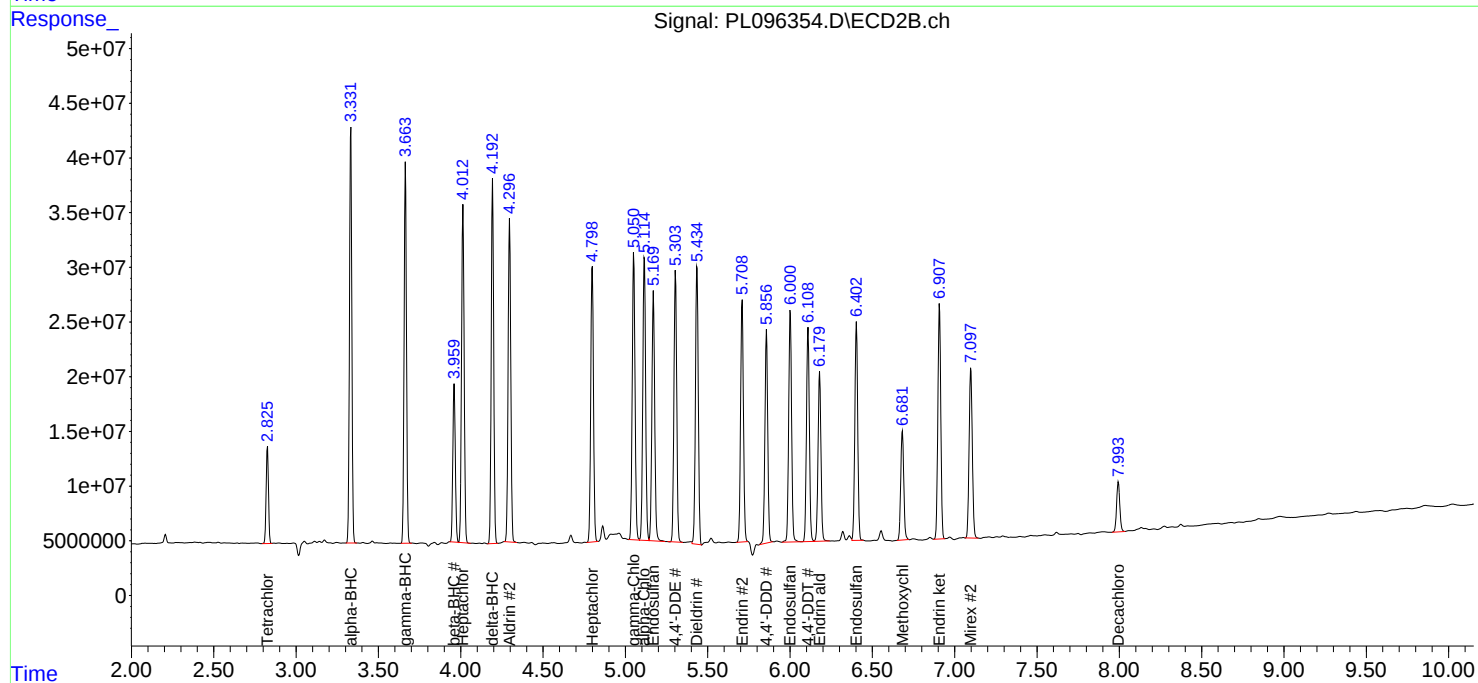
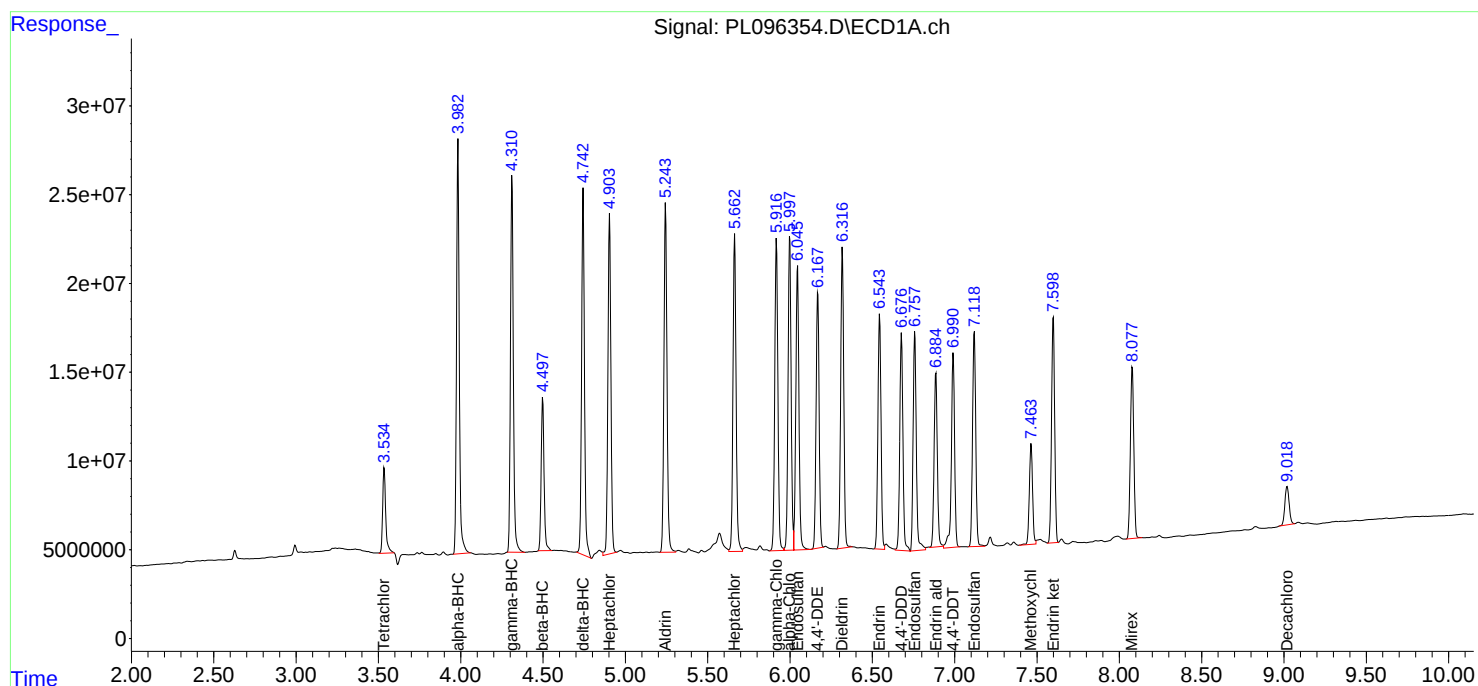
Instrument :
ECD_L
ClientSampleId :
TP-16MS

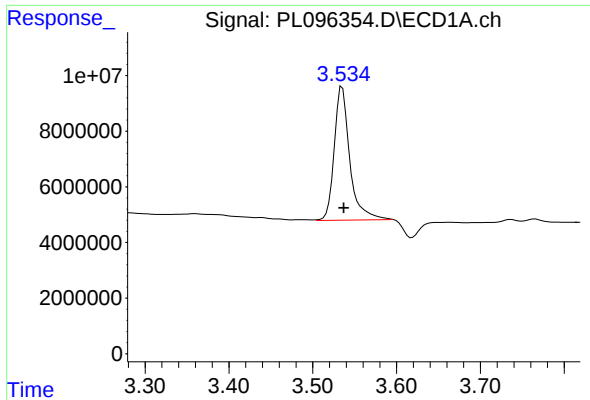
Manual Integrations
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Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 02:20:01 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





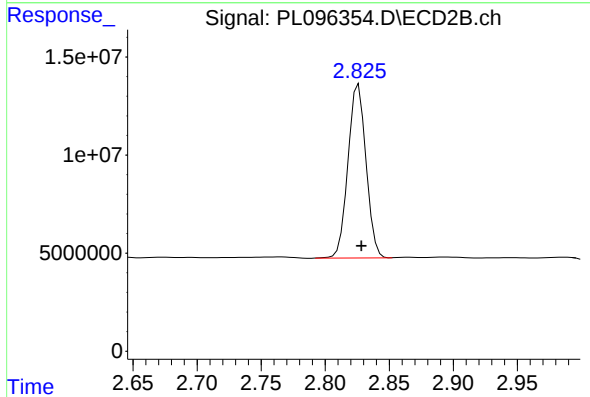
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 61970150
Conc: 16.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

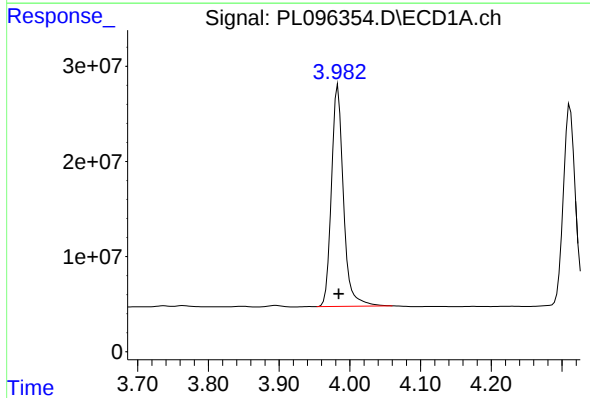
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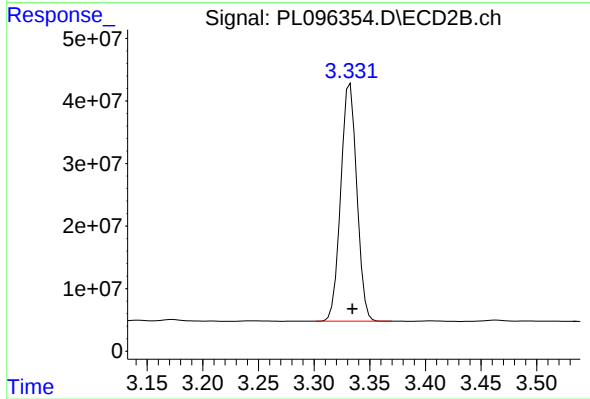
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 86672118
Conc: 15.02 ng/ml



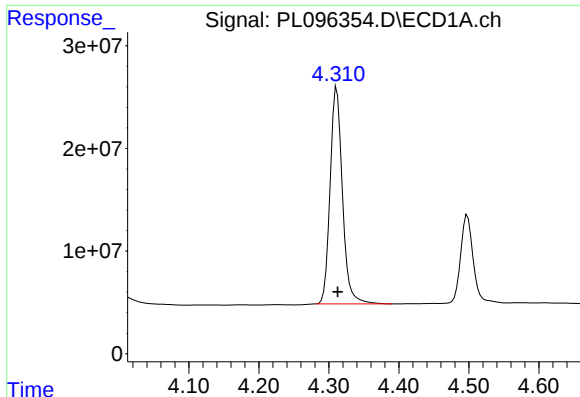
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.001 min
Response: 273786855
Conc: 53.23 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.002 min
Response: 381642739
Conc: 45.25 ng/ml



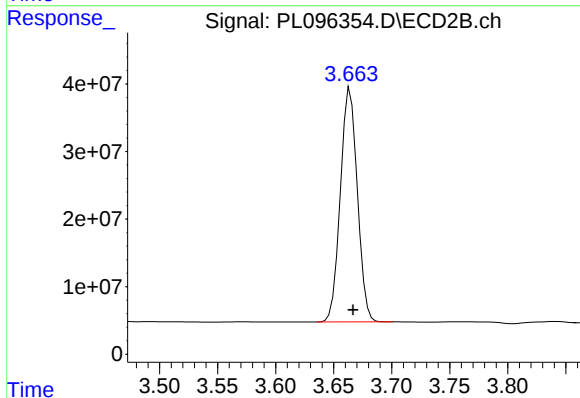
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 258656572
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

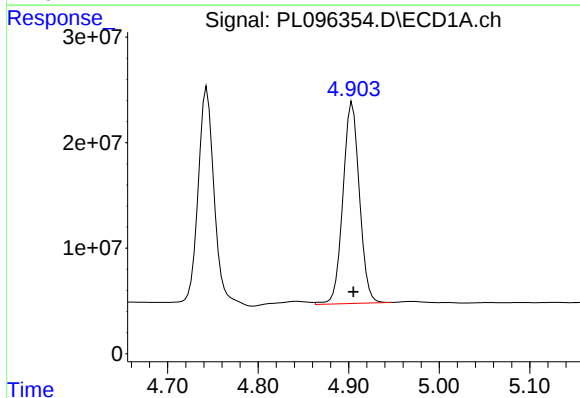
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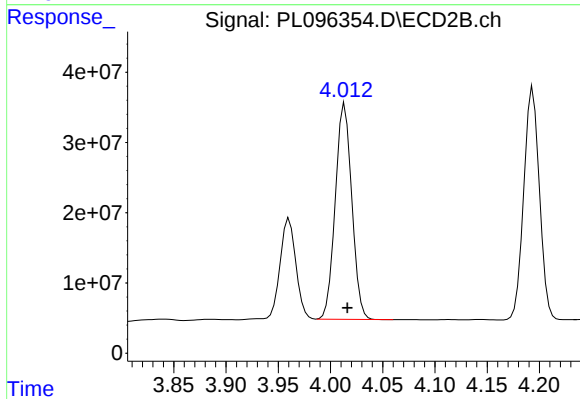
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.002 min
Response: 352566615
Conc: 44.77 ng/ml



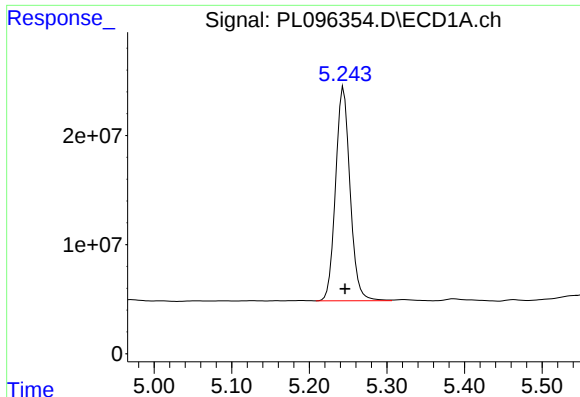
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 241146087
Conc: 52.64 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 337050104
Conc: 44.30 ng/ml



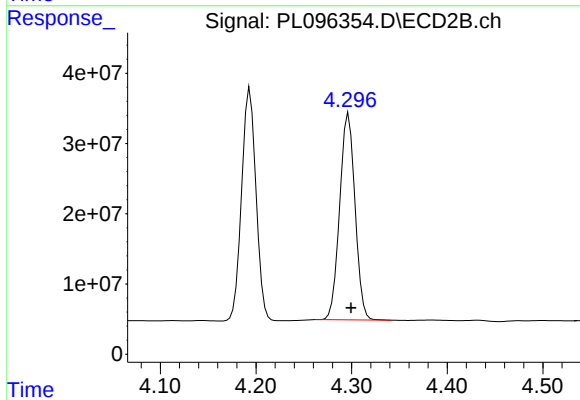
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 254642679
Conc: 52.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

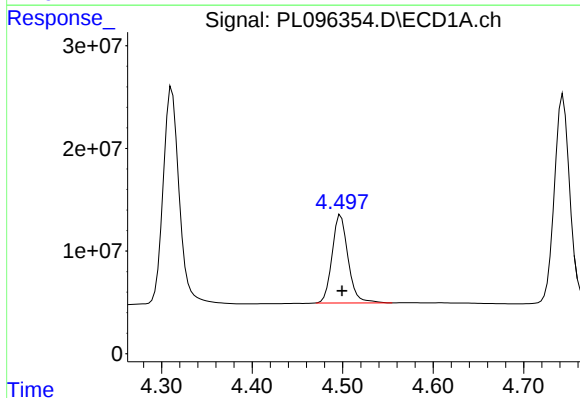
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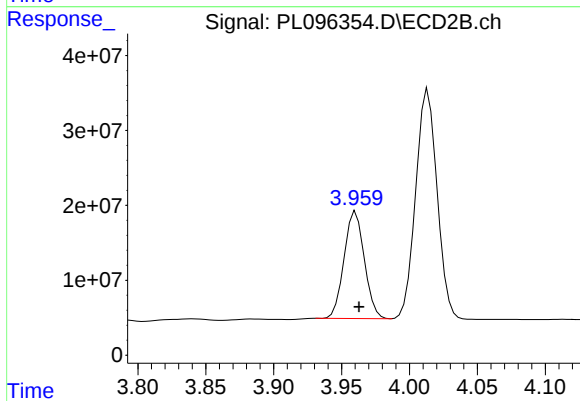
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 328427081
Conc: 45.02 ng/ml



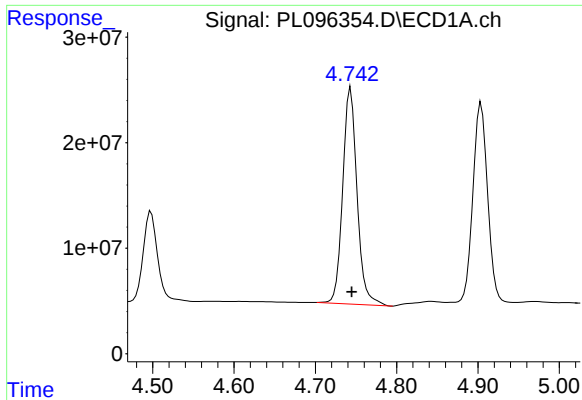
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 105404303
Conc: 50.70 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 149268602
Conc: 43.60 ng/ml



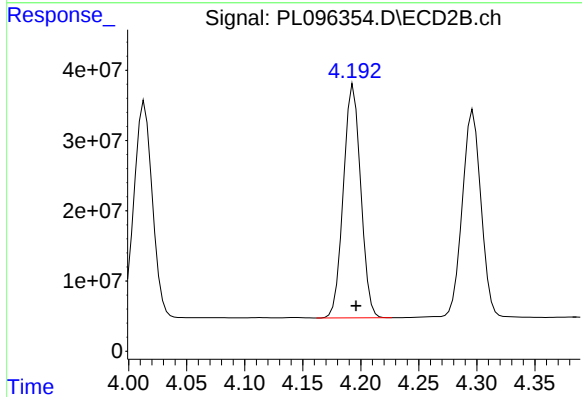
#7 delta-BHC

R.T.: 4.743 min
Delta R.T.: -0.001 min
Response: 251030833
Conc: 56.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

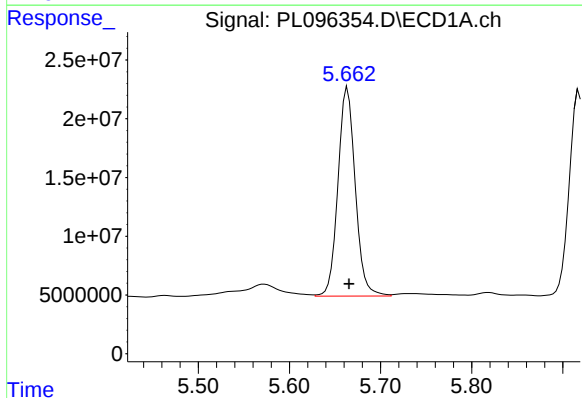
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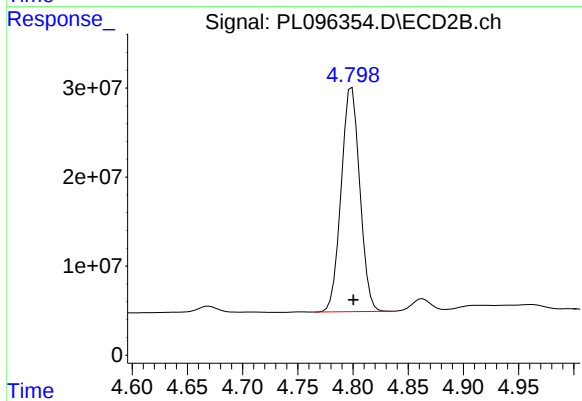
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 345429361
Conc: 44.85 ng/ml



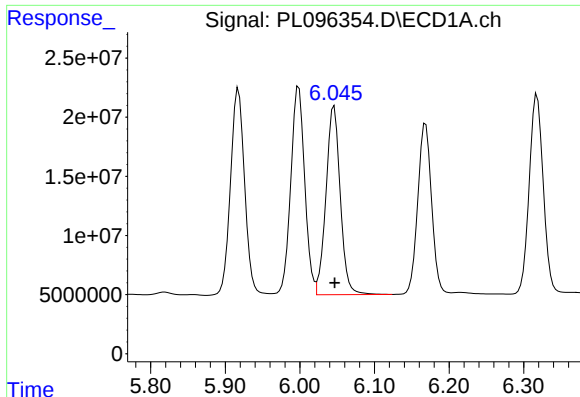
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 234814940
Conc: 56.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 295807483
Conc: 44.25 ng/ml



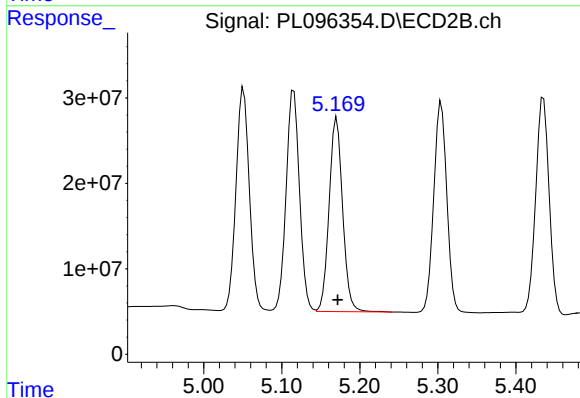
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 212793016
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

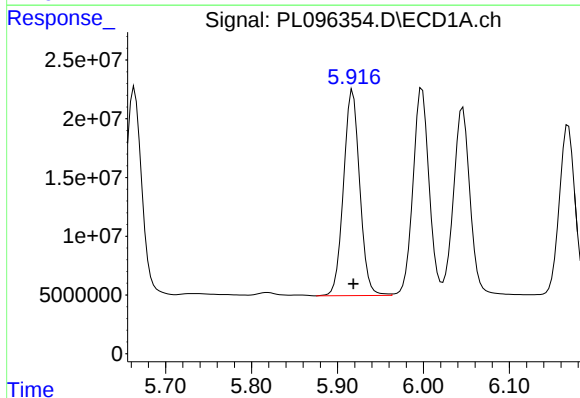
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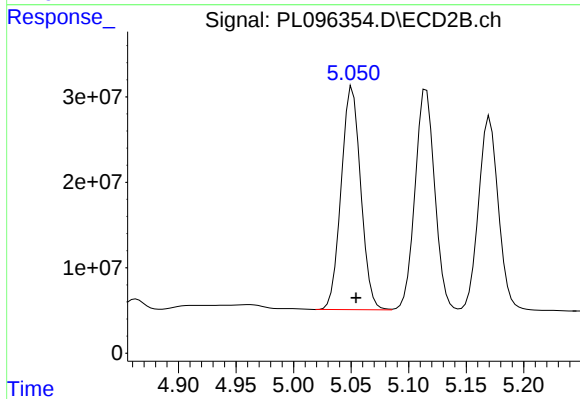
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 272937682
Conc: 38.04 ng/ml



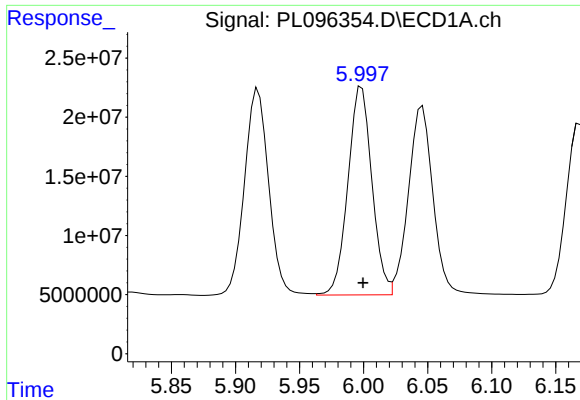
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 230168919
Conc: 52.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 309949049
Conc: 44.15 ng/ml



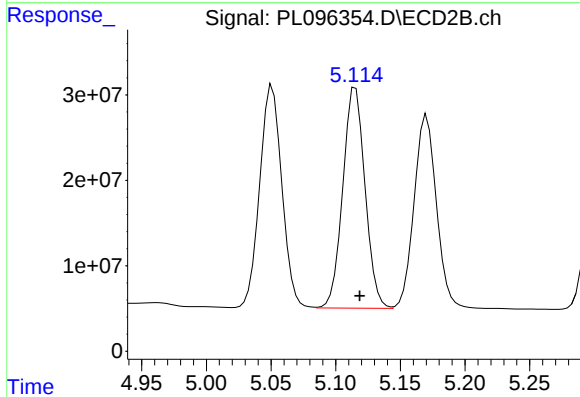
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 229365563
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

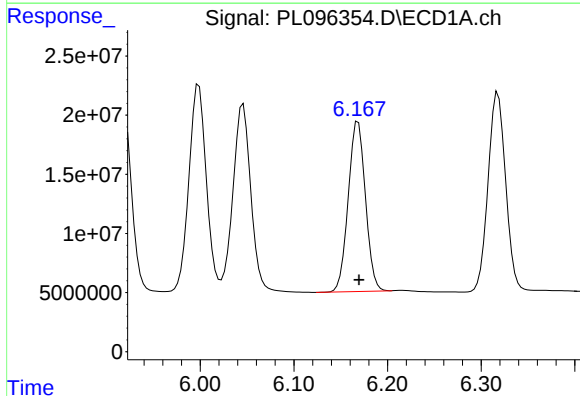
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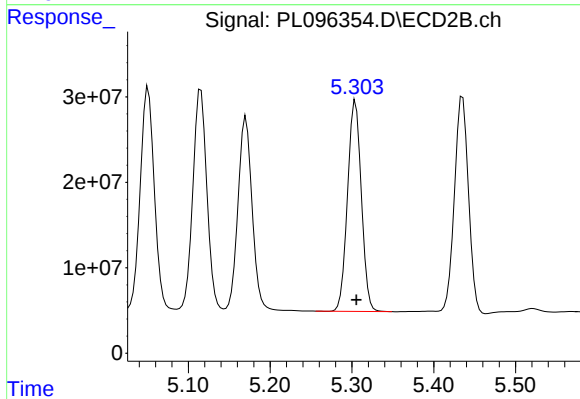
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 308339987
Conc: 41.00 ng/ml



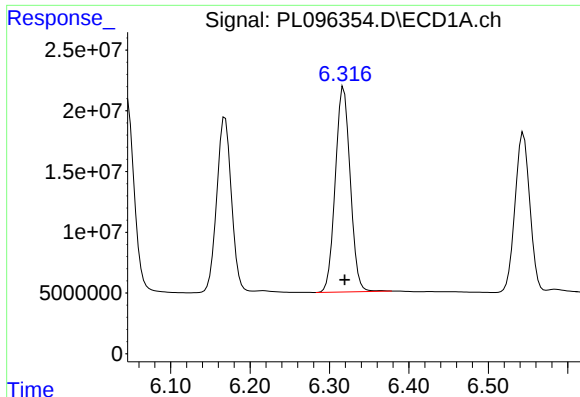
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: -0.001 min
Response: 183658236
Conc: 49.54 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 287569968
Conc: 44.49 ng/ml



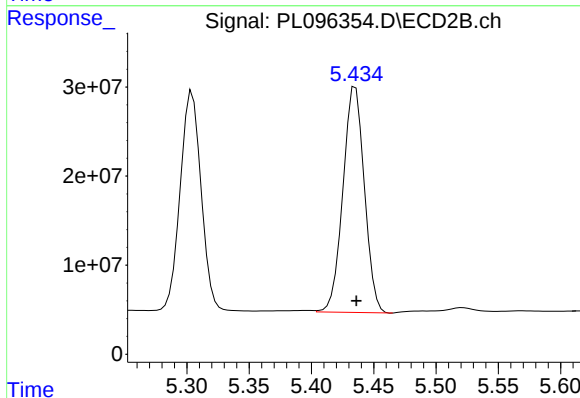
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: -0.001 min
Response: 220570822
Conc: 52.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

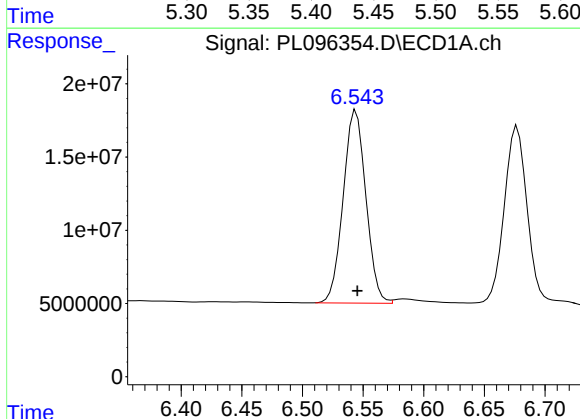
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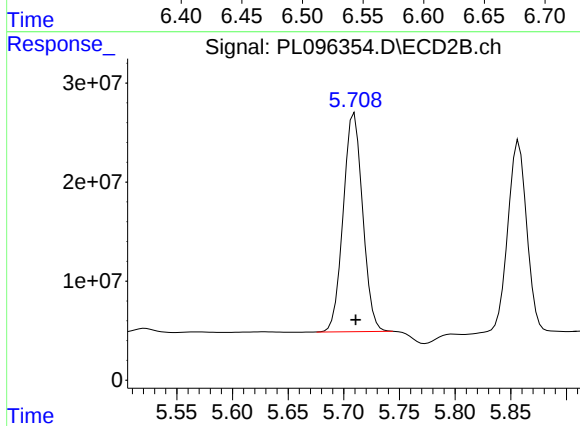
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 304914901
Conc: 44.71 ng/ml



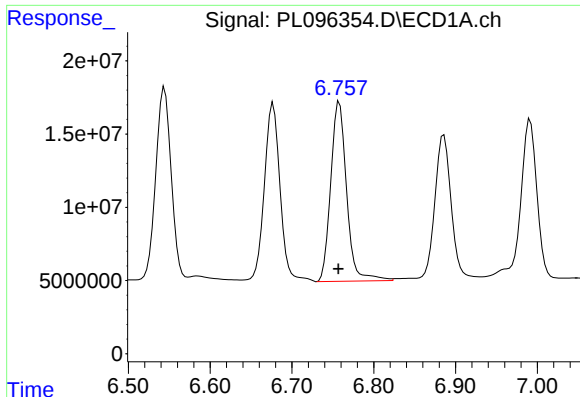
#14 Endrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 171496541
Conc: 55.14 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 267762850
Conc: 43.92 ng/ml



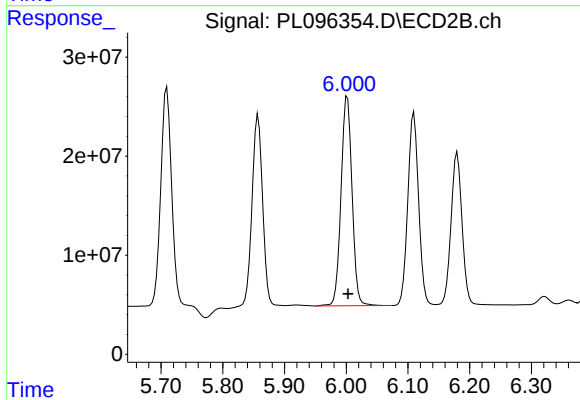
#15 Endosulfan II

R.T.: 6.758 min
Delta R.T.: 0.001 min
Response: 165978395
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

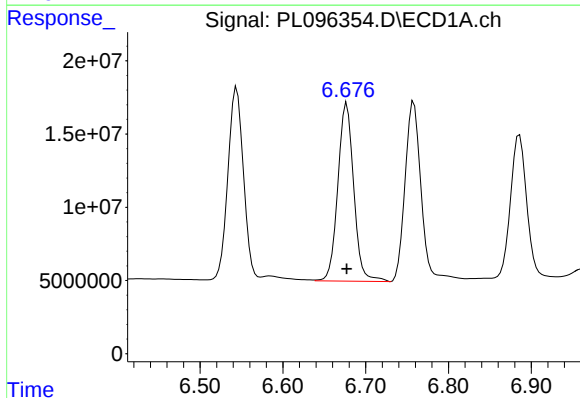
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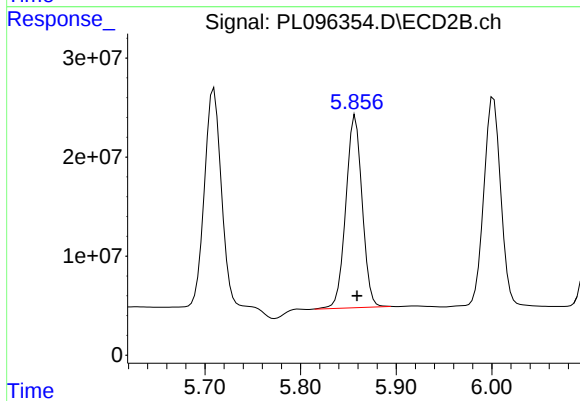
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 261996085
Conc: 44.68 ng/ml



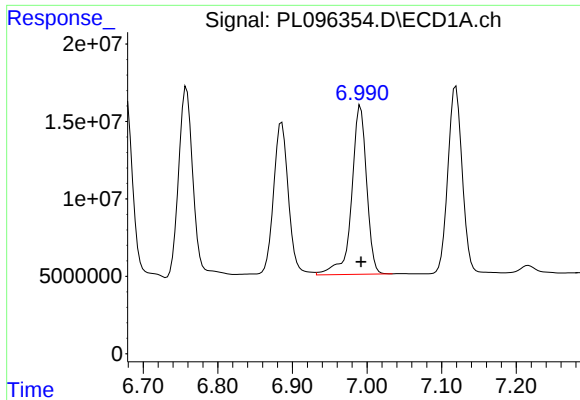
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 162314630
Conc: 55.75 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 231459150
Conc: 45.13 ng/ml



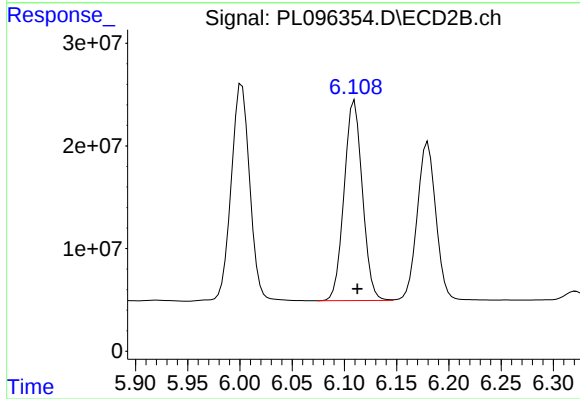
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 152208557
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

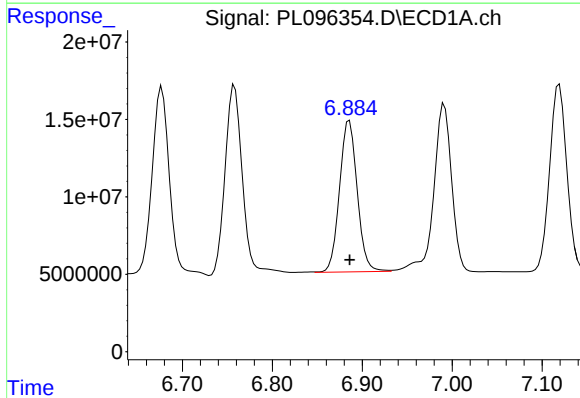
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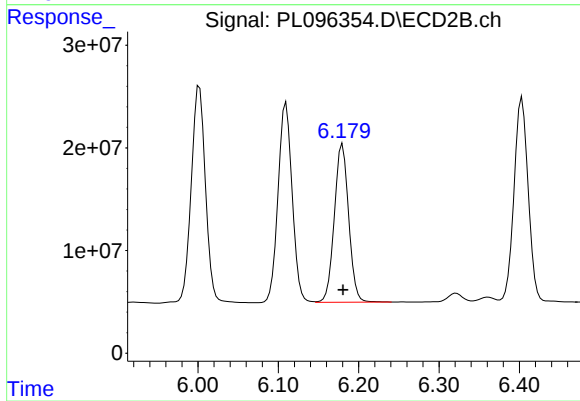
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 237089374
Conc: 41.34 ng/ml



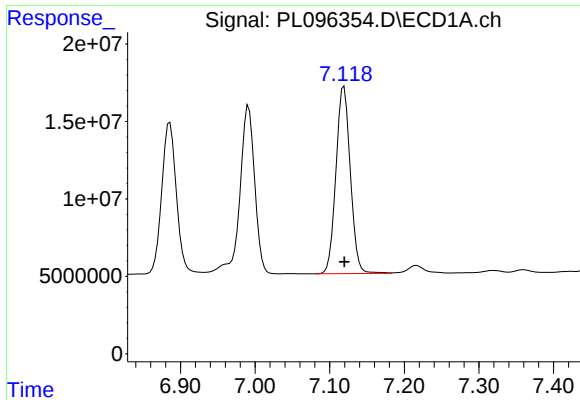
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 133485455
Conc: 59.71 ng/ml m



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 191250509
Conc: 42.93 ng/ml



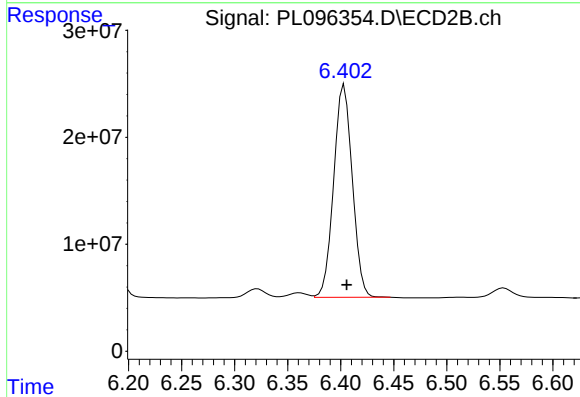
#19 Endosulfan Sulfate

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 162384485
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

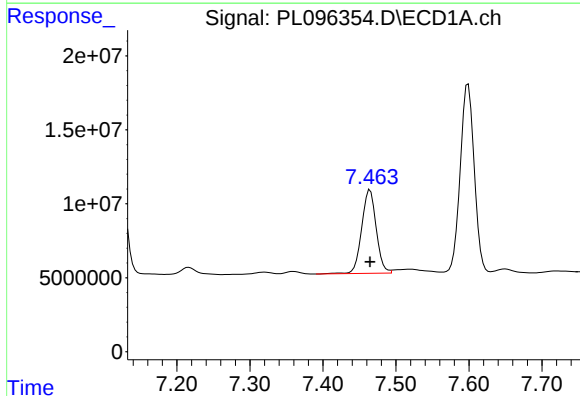
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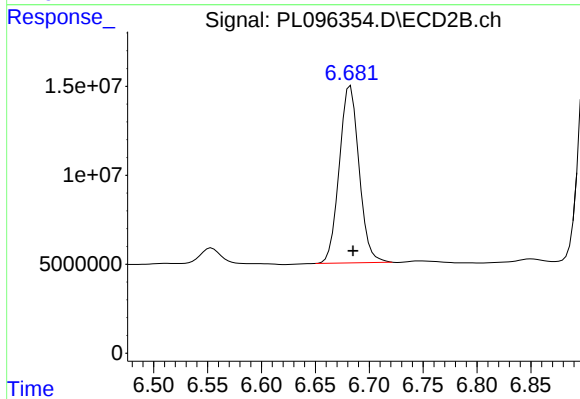
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 242789367
Conc: 43.17 ng/ml



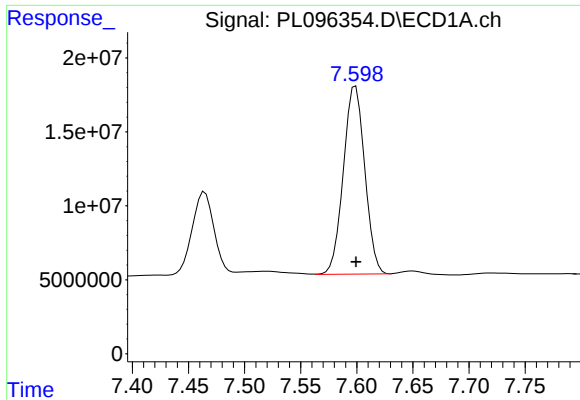
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 78035414
Conc: 49.53 ng/ml



#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 127225350
Conc: 41.88 ng/ml



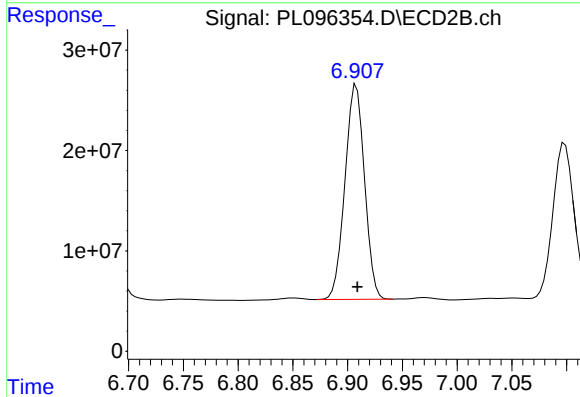
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 168502413
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

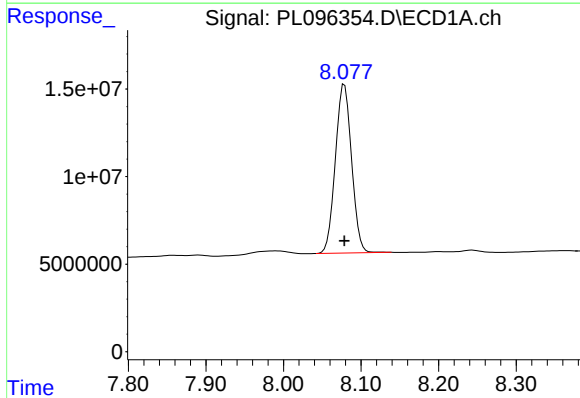
Manual Integrations
APPROVED

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



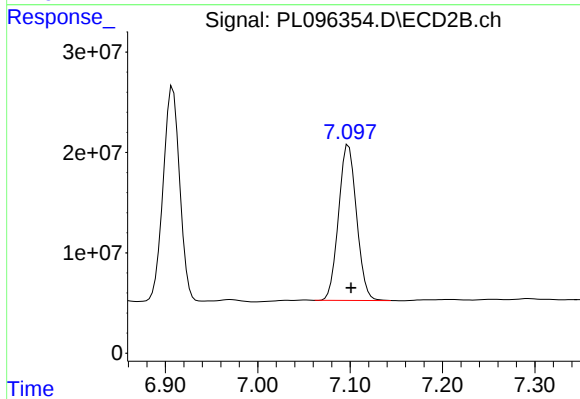
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 265672001
Conc: 42.49 ng/ml



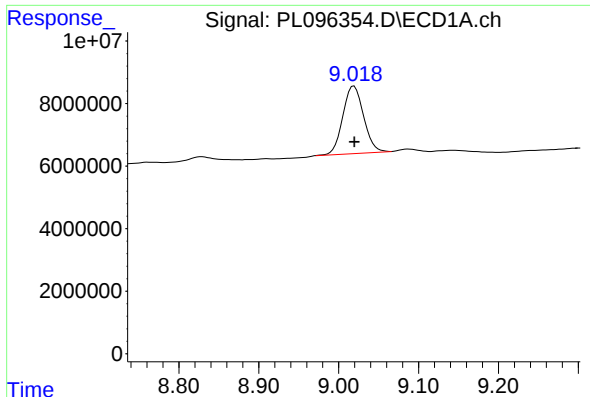
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 139991107
Conc: 50.32 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 210303071
Conc: 42.33 ng/ml



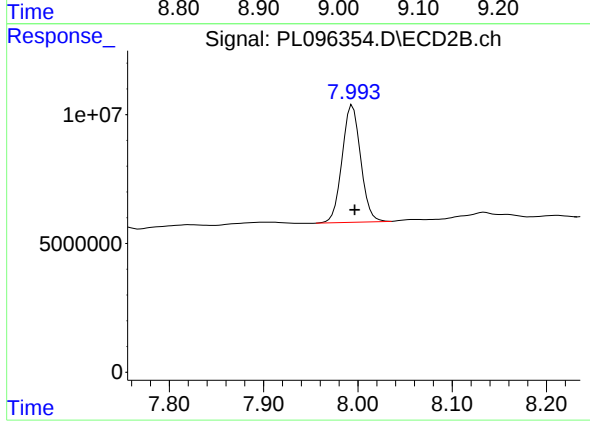
#28 Decachlorobiphenyl

R.T.: 9.019 min
Delta R.T.: 0.000 min
Response: 39031810
Conc: 13.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-16MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.002 min
Response: 62308493
Conc: 12.50 ng/ml