

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072825\
 Data File : PD089664.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 22:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2025
 Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 01:37:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 22 04:39:29 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.880	152.4E6	962.3E6	52.901	49.181
28)	SA Decachlor...	9.071	8.069	260.0E6	1222.9E6	63.310	49.774
Target Compounds							
2)	A alpha-BHC	3.999	3.392	319.3E6	1475.2E6	55.925	49.099
3)	MA gamma-BHC...	4.330	3.728	303.1E6	1364.5E6	54.929	49.151
4)	MA Heptachlor	4.928	4.081	286.6E6	1309.2E6	52.553	46.728
5)	MB Aldrin	5.270	4.367	291.9E6	1329.6E6	55.776	48.551
6)	B beta-BHC	4.516	4.024	111.8E6	570.9E6	51.846	47.965
7)	B delta-BHC	4.764	4.261	299.4E6	1371.5E6	56.651	49.164
8)	B Heptachlo...	5.690	4.871	265.1E6	1211.2E6	56.112	48.719
9)	A Endosulfan I	6.074	5.245	247.7E6	1085.5E6	55.716	45.711
10)	B gamma-Chl...	5.945	5.123	264.6E6	1275.8E6	55.805	47.689
11)	B alpha-Chl...	6.026	5.188	263.5E6	1224.5E6	55.272	47.477
12)	B 4,4'-DDE	6.195	5.373	239.1E6	1238.7E6	55.677	47.178
13)	MA Dieldrin	6.346	5.511	271.5E6	1277.4E6	57.505	48.339
14)	MA Endrin	6.574	5.788	239.8E6	1261.3E6	58.889	52.160
15)	B Endosulfa...	6.785	6.079	234.4E6	1080.4E6	57.604	47.038
16)	A 4,4'-DDD	6.703	5.927	193.6E6	1023.4E6	57.122m	46.683
17)	MA 4,4'-DDT	7.020	6.181	210.6E6	1082.6E6	55.809	46.251
18)	B Endrin al...	6.915	6.257	154.2E6	753.7E6	52.874	45.409
19)	B Endosulfa...	7.149	6.480	205.6E6	1027.0E6	54.480	46.267
20)	A Methoxychlor	7.492	6.752	102.5E6	526.7E6	51.147	43.205
21)	B Endrin ke...	7.630	6.989	222.0E6	1087.2E6	55.174	44.396
22)	Mirex	8.113	7.183	152.5E6	801.7E6	49.587	41.475

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072825\
Data File : PD089664.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 22:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

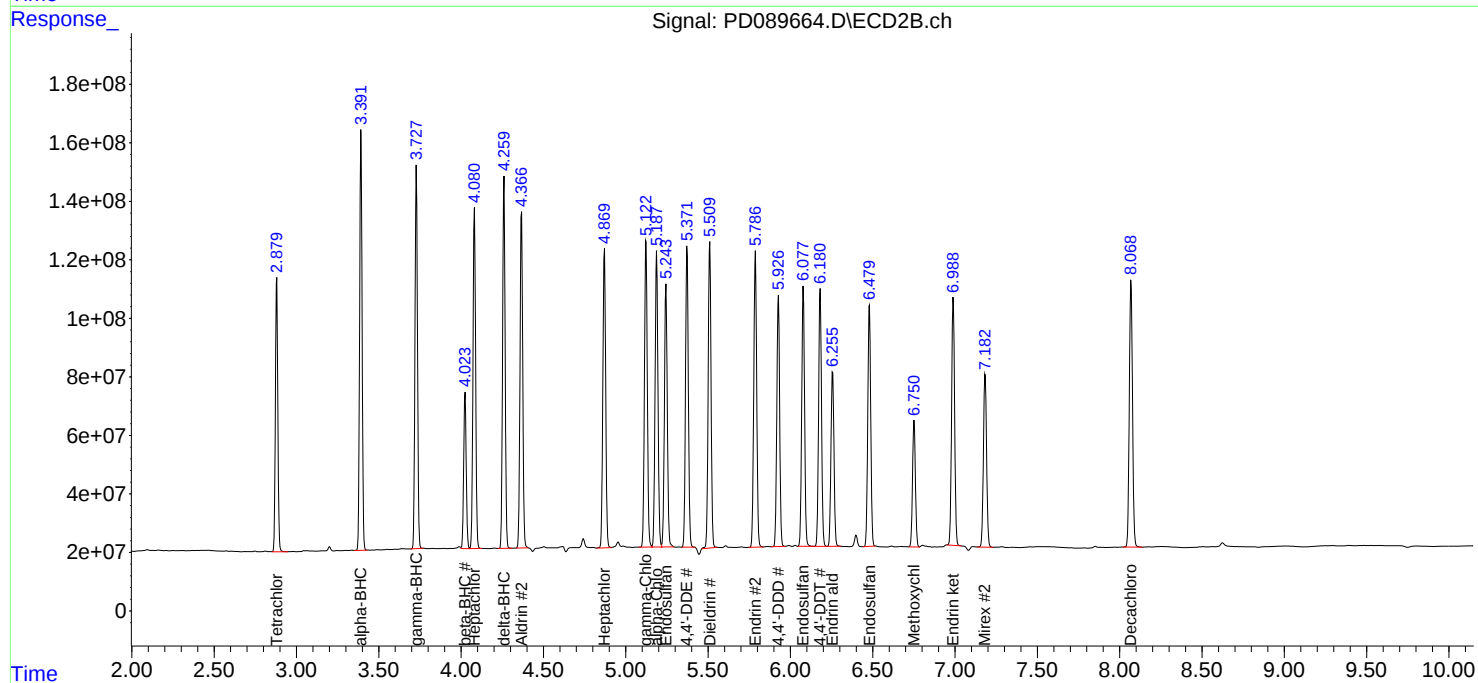
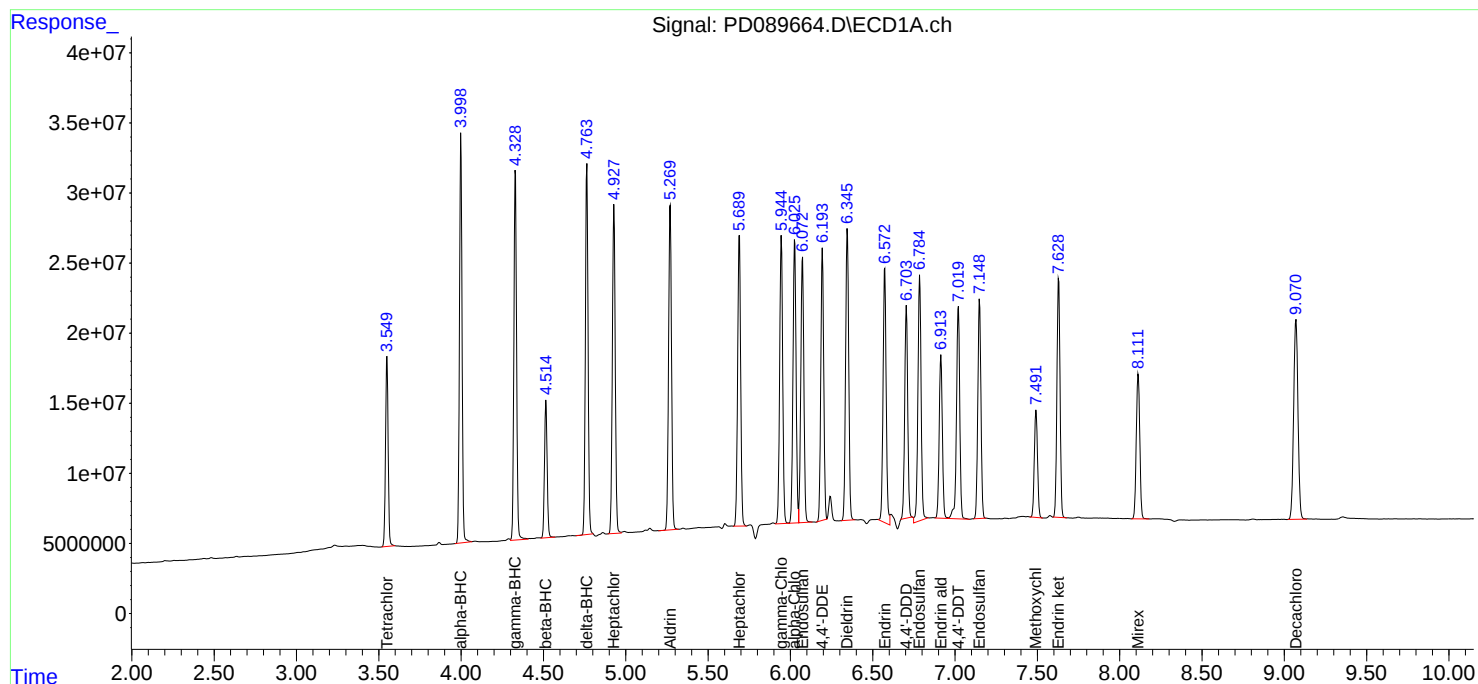
APPROVED

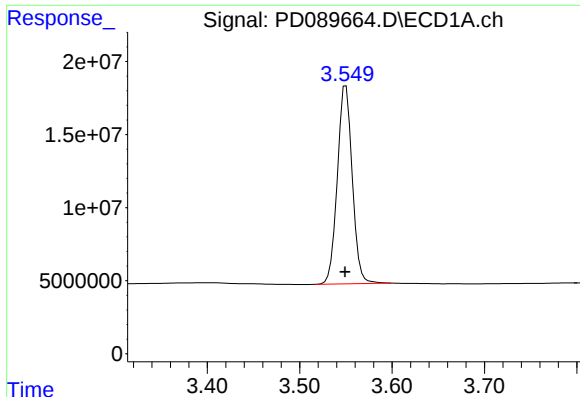
Reviewed By :Yogesh Patel 07/29/2025

Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 01:37:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 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 x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.001 min
Response: 152427709
Conc: 52.90 ng/ml

Instrument :

ECD_D

ClientSampleId :

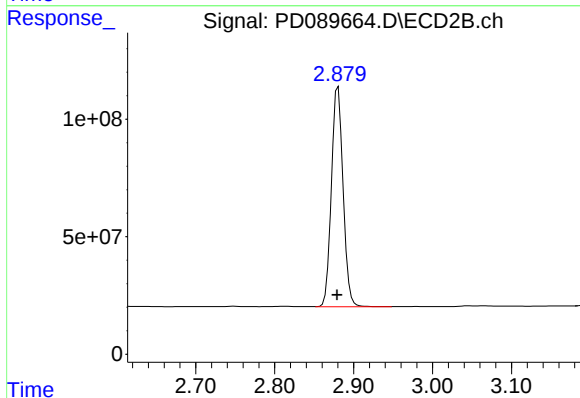
PSTDCCC050

Manual Integrations

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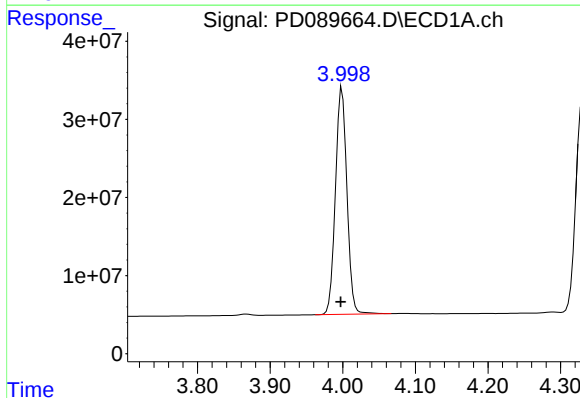
Reviewed By :Yogesh Patel 07/29/2025

Supervised By :mohammad ahmed 07/30/2025



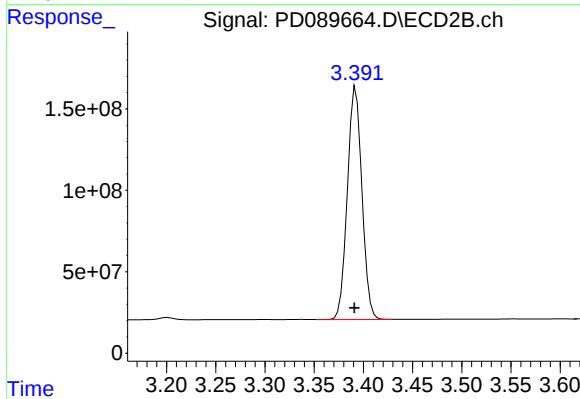
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.001 min
Response: 962291594
Conc: 49.18 ng/ml



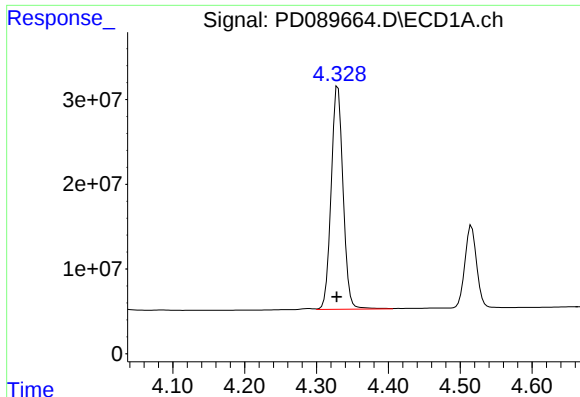
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.002 min
Response: 319307607
Conc: 55.92 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: 0.001 min
Response: 1475164597
Conc: 49.10 ng/ml



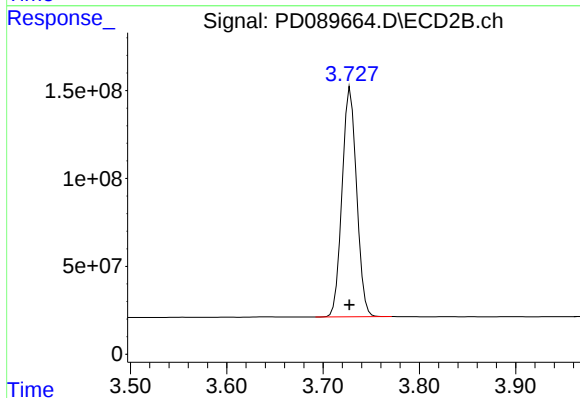
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 303067640
Conc: 54.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

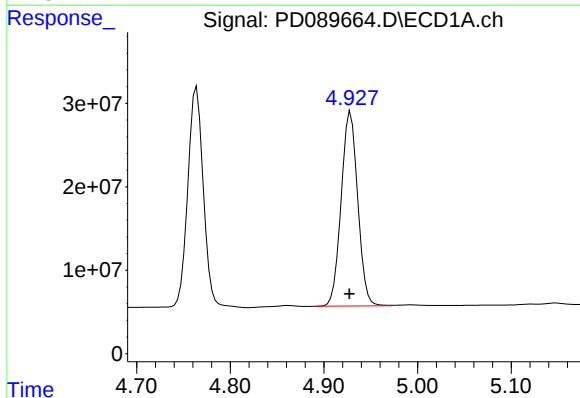
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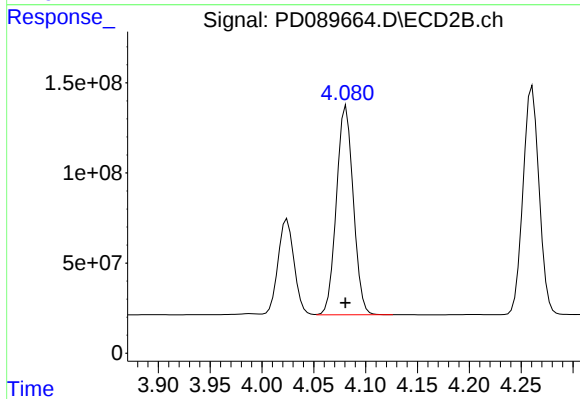
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.001 min
Response: 1364540473
Conc: 49.15 ng/ml



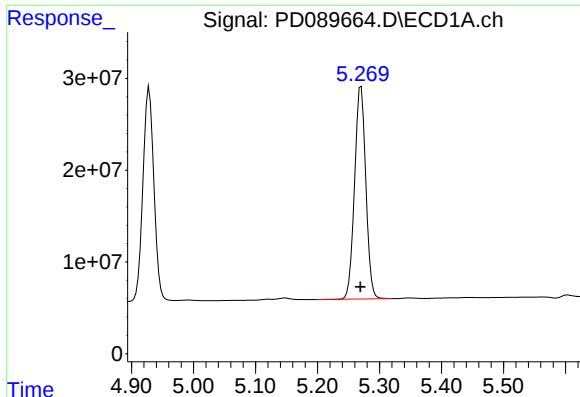
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 286617477
Conc: 52.55 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 1309231288
Conc: 46.73 ng/ml



#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.001 min
Response: 291870168
Conc: 55.78 ng/ml

Instrument :

ECD_D

ClientSampleId :

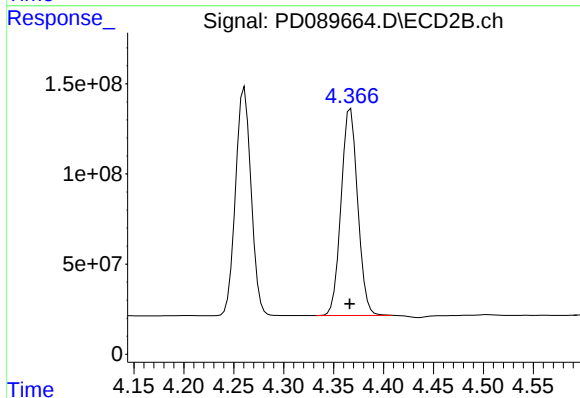
PSTDCCC050

Manual Integrations

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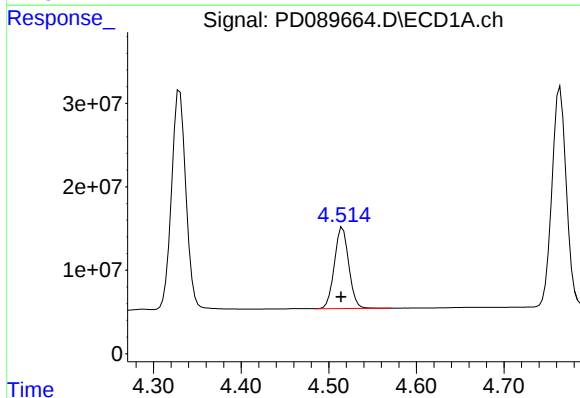
Reviewed By :Yogesh Patel 07/29/2025

Supervised By :mohammad ahmed 07/30/2025



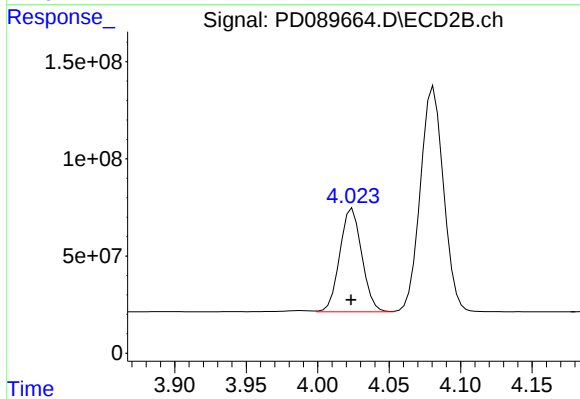
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 1329636531
Conc: 48.55 ng/ml



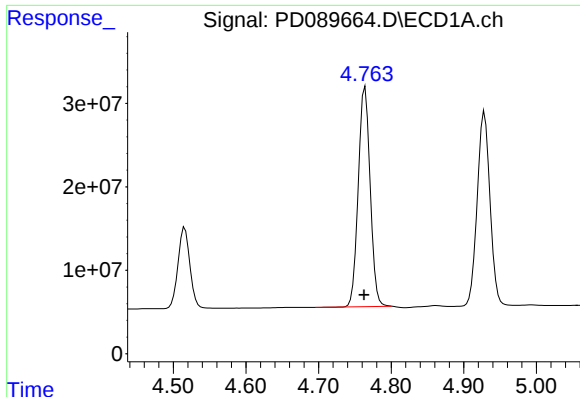
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 111788393
Conc: 51.85 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 570916401
Conc: 47.97 ng/ml



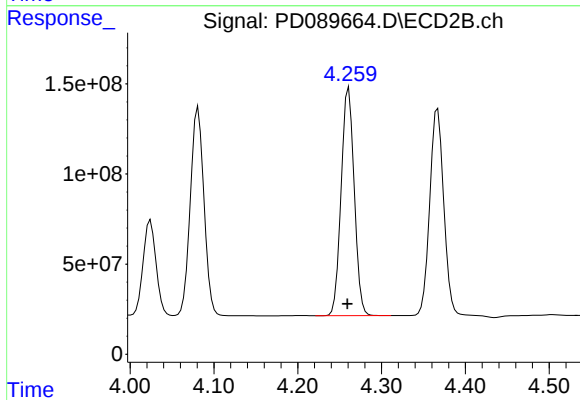
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.002 min
Response: 299409855
Conc: 56.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

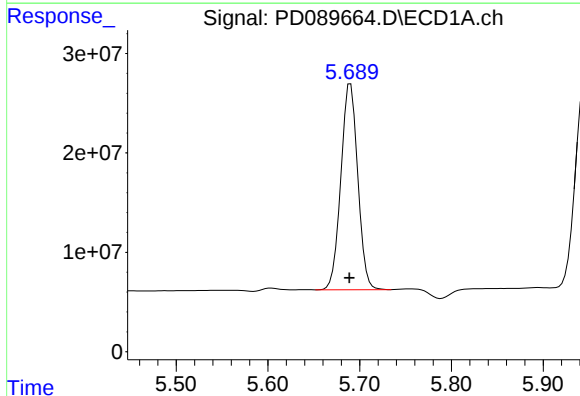
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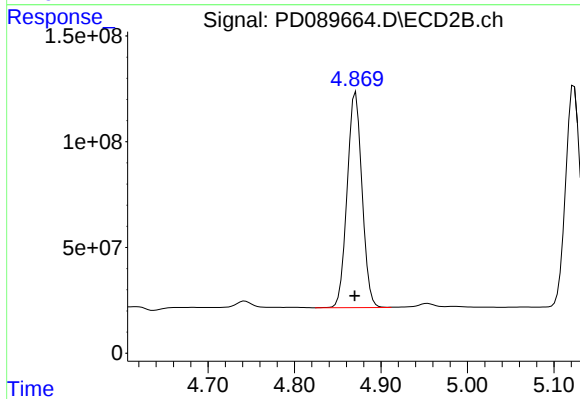
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.001 min
Response: 1371498572
Conc: 49.16 ng/ml



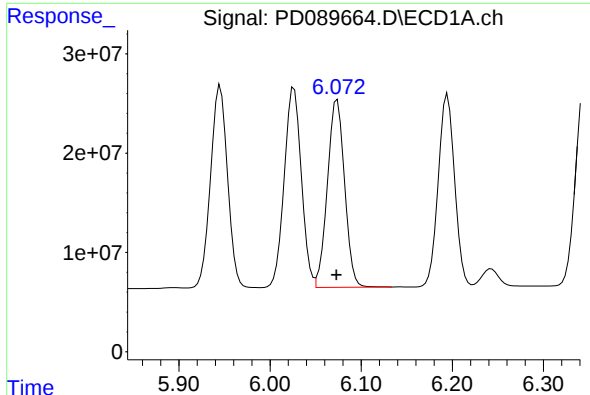
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.001 min
Response: 265053057
Conc: 56.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: 0.001 min
Response: 1211224912
Conc: 48.72 ng/ml



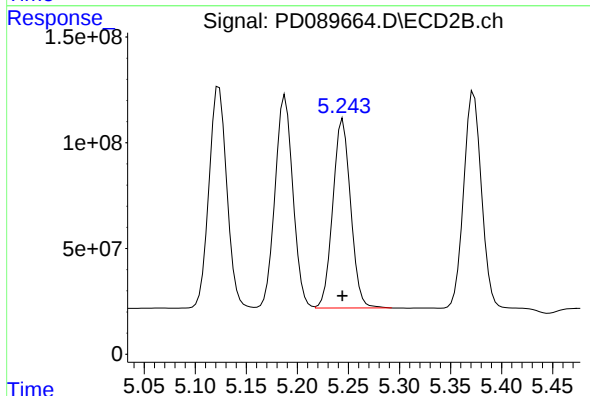
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.001 min
Response: 247692667
Conc: 55.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

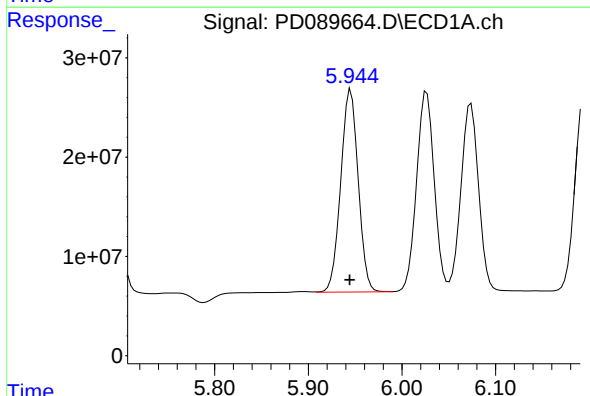
Manual Integrations
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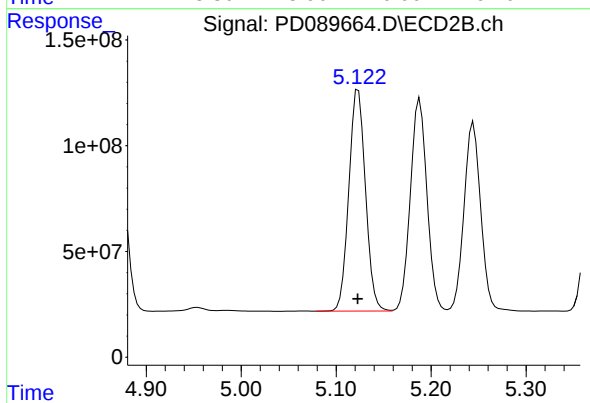
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 1085451591
Conc: 45.71 ng/ml



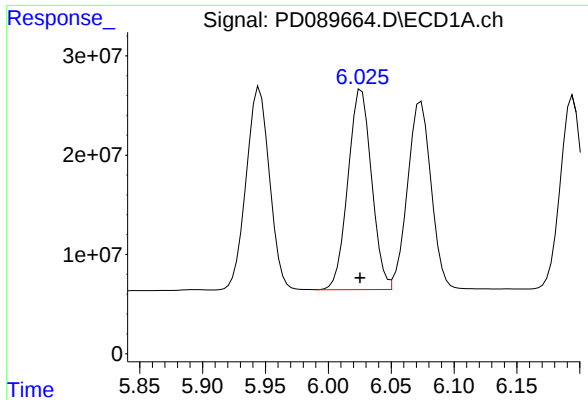
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 264572386
Conc: 55.80 ng/ml



#10 gamma-Chlordane

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 1275815070
Conc: 47.69 ng/ml



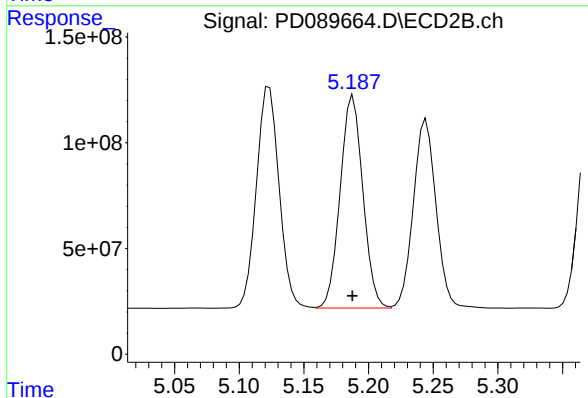
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.001 min
Response: 263465551
Conc: 55.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

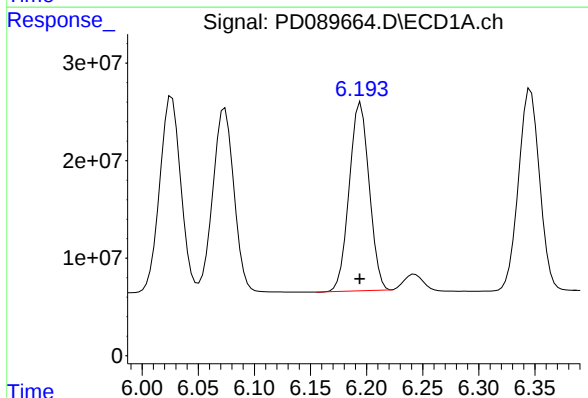
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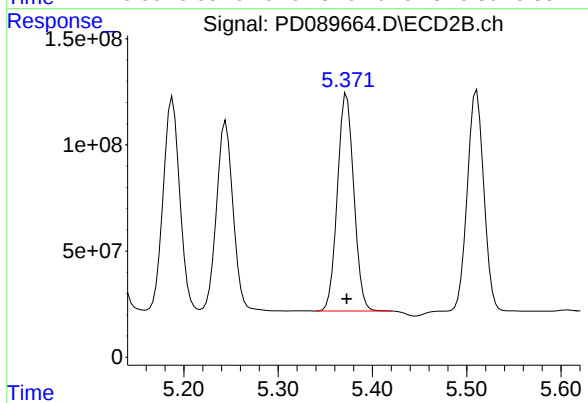
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: 0.000 min
Response: 1224541566
Conc: 47.48 ng/ml



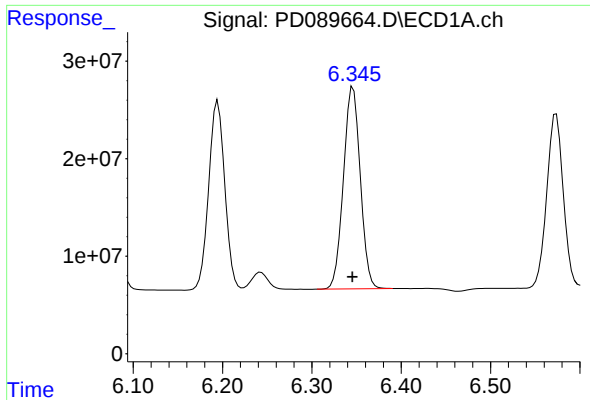
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 239067384
Conc: 55.68 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 1238709977
Conc: 47.18 ng/ml



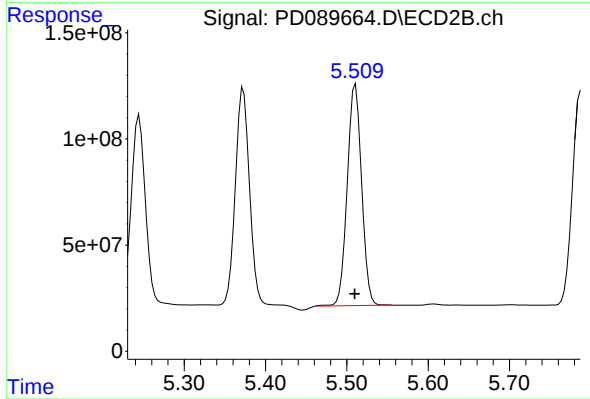
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 271461699
Conc: 57.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

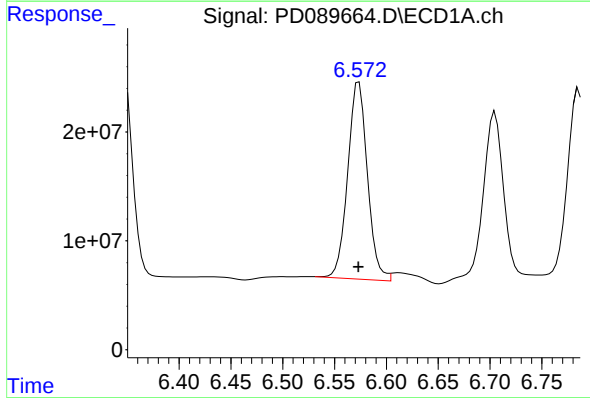
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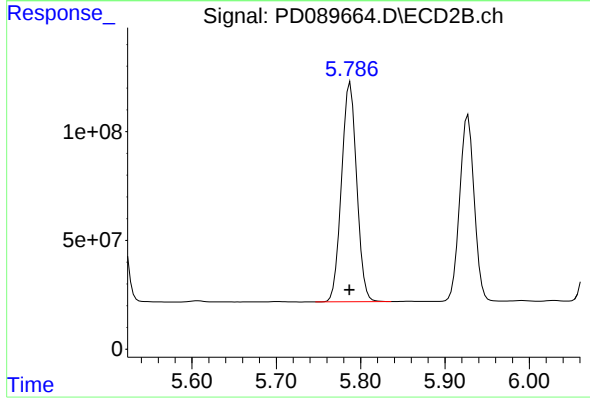
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 1277443060
Conc: 48.34 ng/ml



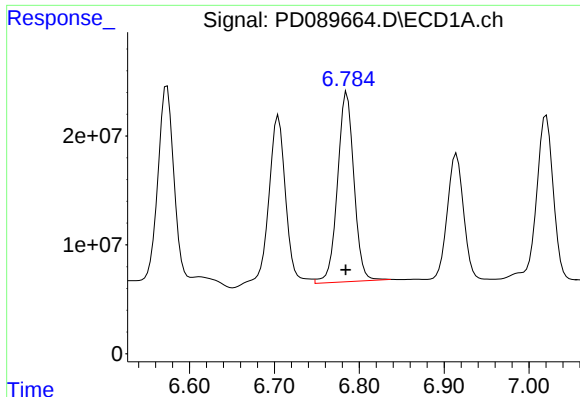
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 239828597
Conc: 58.89 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 1261314550
Conc: 52.16 ng/ml



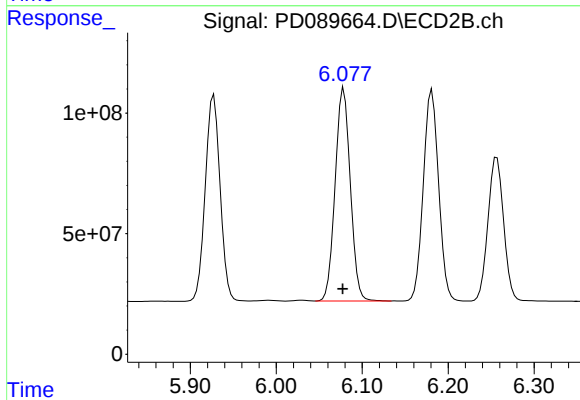
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.001 min
Response: 234385817
Conc: 57.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

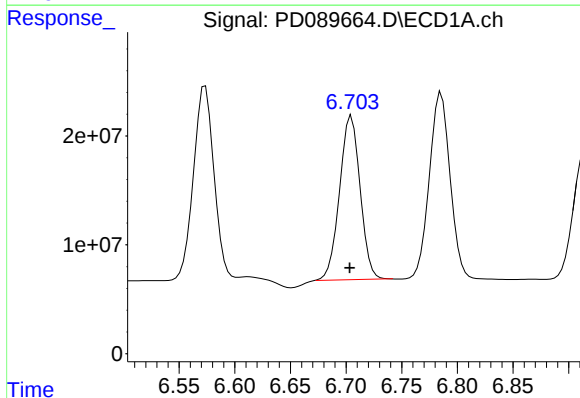
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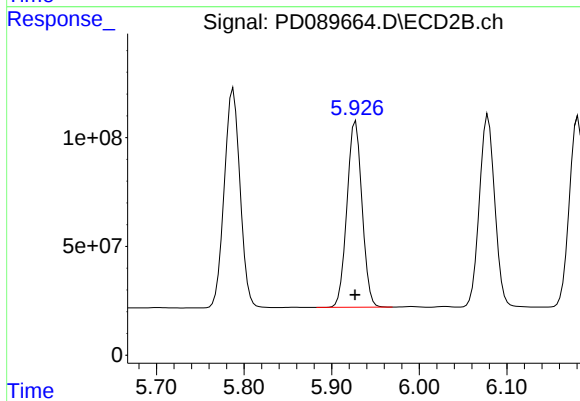
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 1080366304
Conc: 47.04 ng/ml



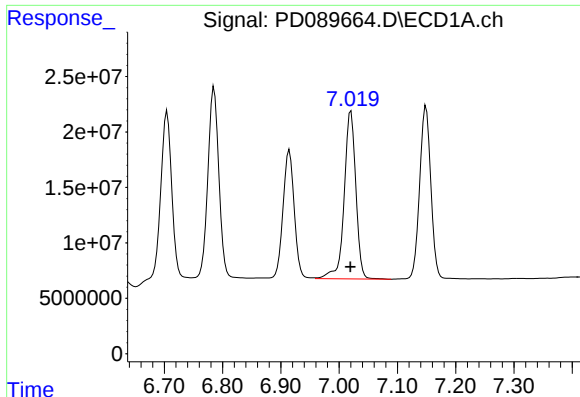
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 193571326
Conc: 57.12 ng/ml m



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 1023389104
Conc: 46.68 ng/ml



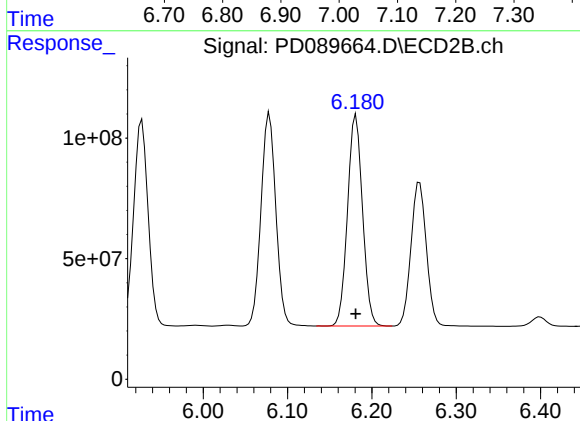
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 210565106
Conc: 55.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

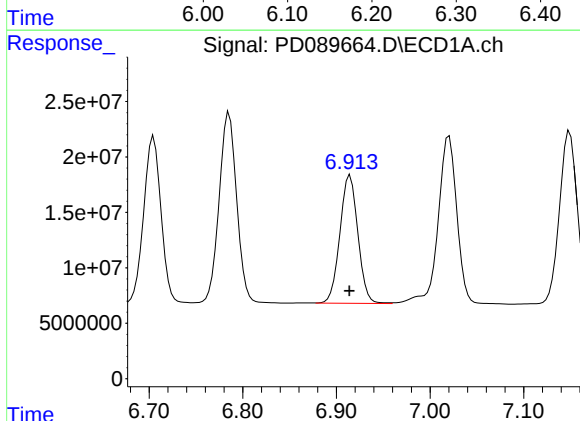
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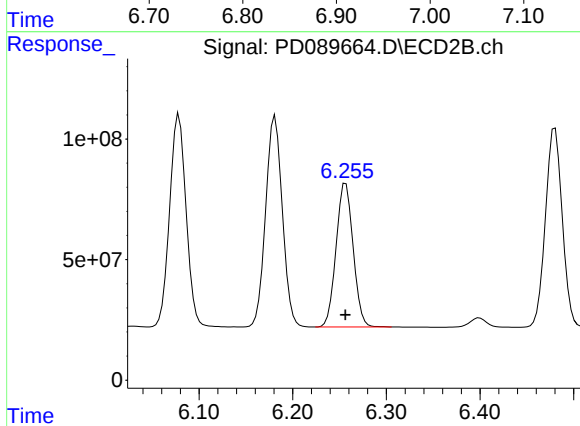
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 1082605609
Conc: 46.25 ng/ml



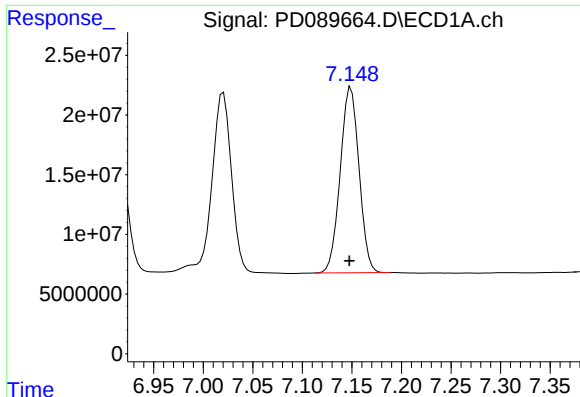
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.001 min
Response: 154160650
Conc: 52.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 753681843
Conc: 45.41 ng/ml



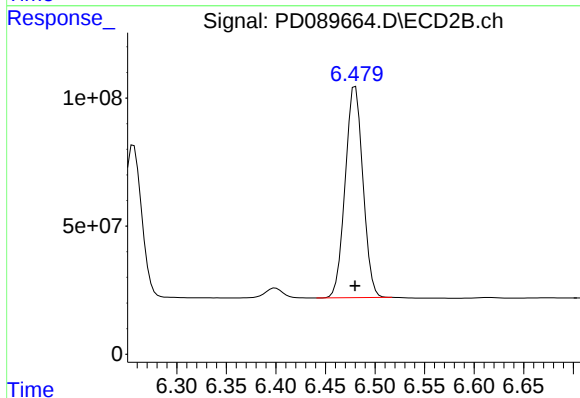
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.001 min
Response: 205617036
Conc: 54.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

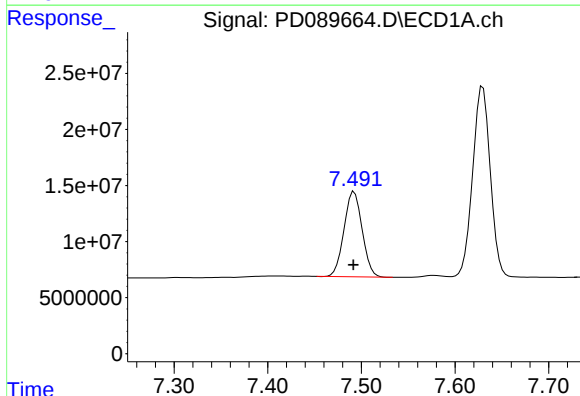
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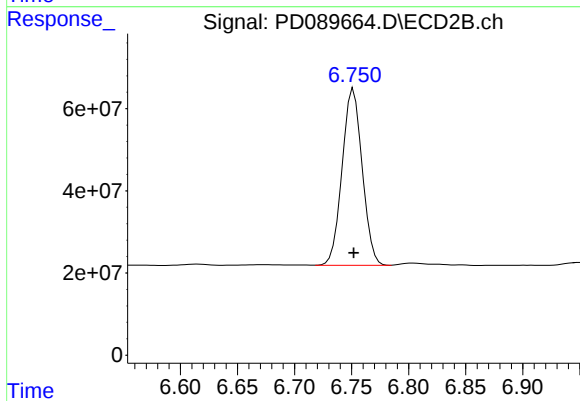
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 1027041892
Conc: 46.27 ng/ml



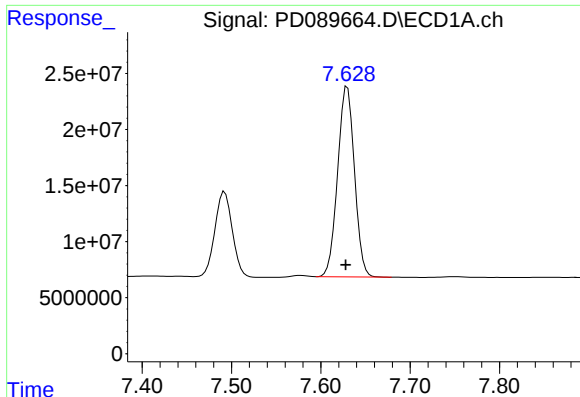
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 102544490
Conc: 51.15 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 526748832
Conc: 43.20 ng/ml



#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.002 min
Response: 222034412
Conc: 55.17 ng/ml

Instrument :

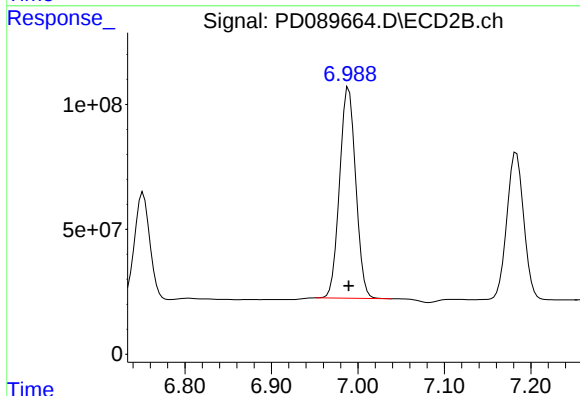
ECD_D

ClientSampleId :

PSTDCCC050

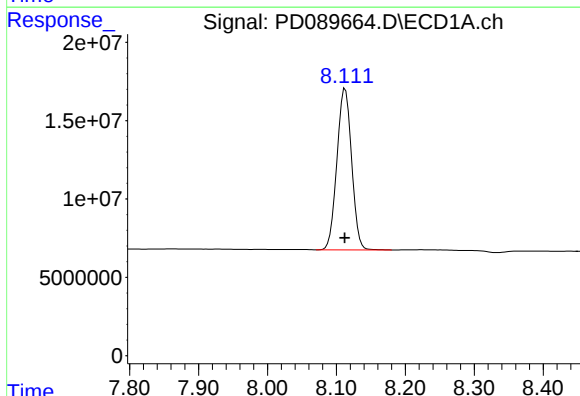
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



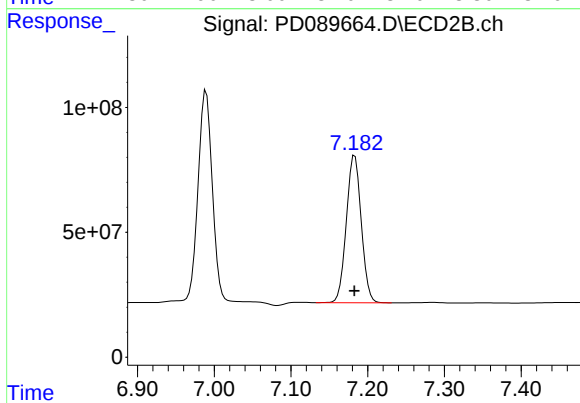
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 1087206901
Conc: 44.40 ng/ml



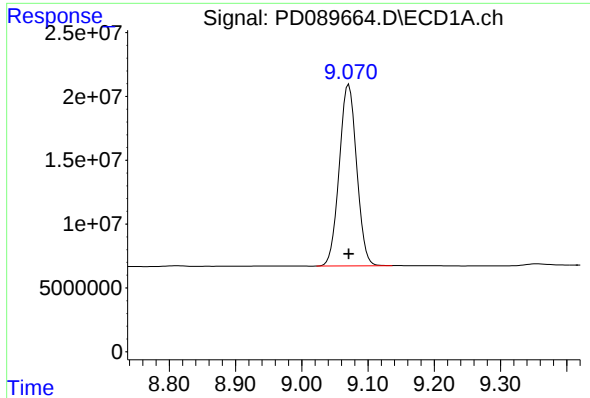
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.001 min
Response: 152538883
Conc: 49.59 ng/ml



#22 Mirex

R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 801703281
Conc: 41.48 ng/ml



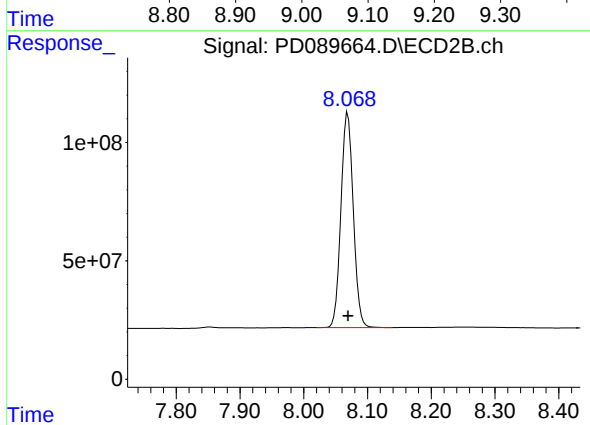
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 260017834
Conc: 63.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 1222867505
Conc: 49.77 ng/ml