

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
 Data File : PD089668.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 14:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/30/2025
 Supervised By : mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 15:41:17 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...	3.557	2.878	145.3E6	913.3E6	50.420	46.680
28)	SA Decachlor...	9.081	8.070	233.1E6	1134.8E6	56.765	46.187
Target Compounds							
2)	A alpha-BHC	4.007	3.391	313.7E6	1422.2E6	54.936	47.337
3)	MA gamma-BHC...	4.338	3.728	295.2E6	1315.6E6	53.494	47.386
4)	MA Heptachlor	4.937	4.081	263.1E6	1260.6E6	48.243	44.991
5)	MB Aldrin	5.278	4.367	282.4E6	1282.8E6	53.963	46.840
6)	B beta-BHC	4.524	4.023	107.9E6	550.4E6	50.063	46.239
7)	B delta-BHC	4.771	4.260	291.5E6	1317.6E6	55.154m	47.231
8)	B Heptachlo...	5.699	4.871	254.0E6	1163.9E6	53.782	46.816
9)	A Endosulfan I	6.082	5.245	239.7E6	1088.3E6	53.914	45.832
10)	B gamma-Chl...	5.954	5.124	255.7E6	1230.7E6	53.925	46.001
11)	B alpha-Chl...	6.035	5.188	254.3E6	1175.2E6	53.341	45.563
12)	B 4,4'-DDE	6.204	5.373	232.9E6	1190.6E6	54.250	45.345
13)	MA Dieldrin	6.355	5.511	261.6E6	1222.0E6	55.419	46.240
14)	MA Endrin	6.582	5.787	221.9E6	1110.2E6	54.487	45.911
15)	B Endosulfa...	6.794	6.079	221.3E6	1038.6E6	54.380	45.220
16)	A 4,4'-DDD	6.713	5.928	190.0E6	983.2E6	56.075	44.851
17)	MA 4,4'-DDT	7.029	6.182	206.7E6	1027.2E6	54.781	43.885
18)	B Endrin al...	6.923	6.258	149.1E6	727.1E6	51.144	43.810
19)	B Endosulfa...	7.157	6.481	205.6E6	1005.3E6	54.475	45.286
20)	A Methoxychlor	7.501	6.752	100.8E6	505.4E6	50.282	41.450
21)	B Endrin ke...	7.638	6.990	220.3E6	1080.2E6	54.740	44.108
22)	Mirex	8.121	7.183	151.0E6	789.1E6	49.080	40.822

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089668.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 14:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

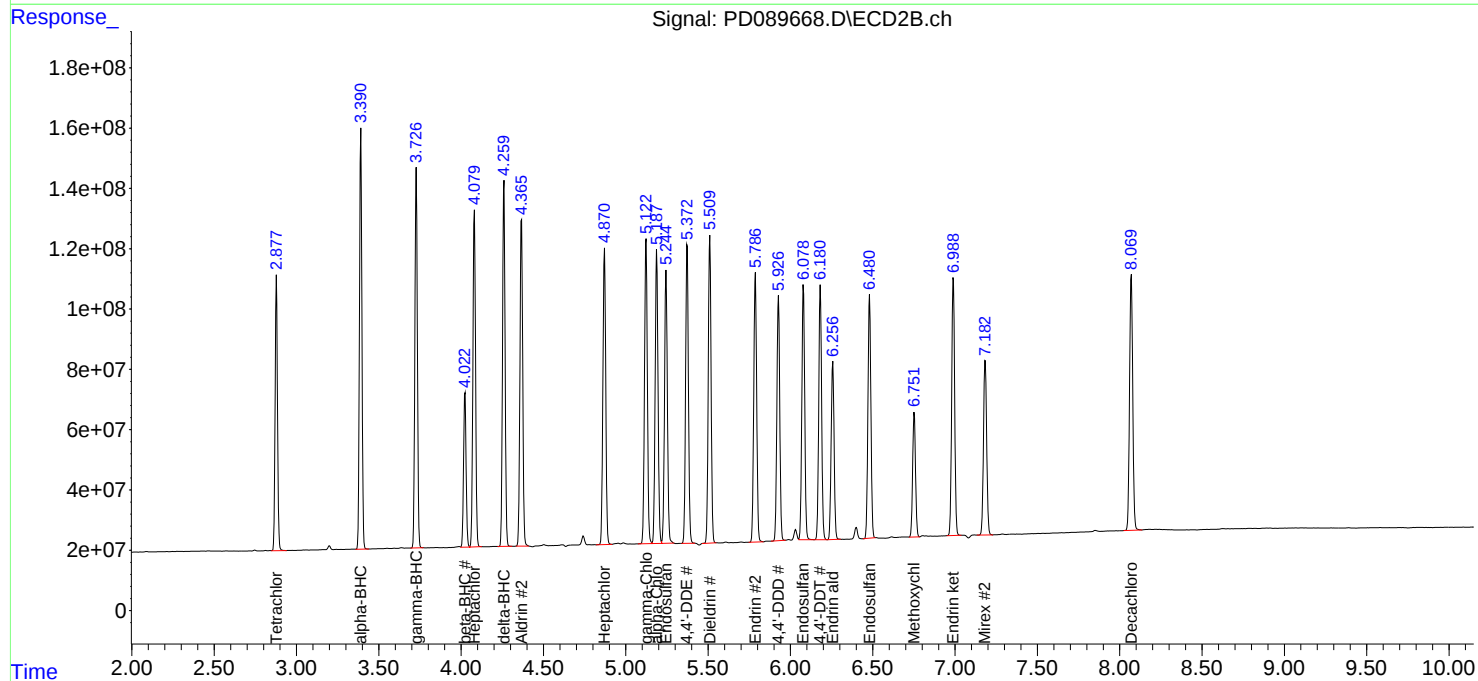
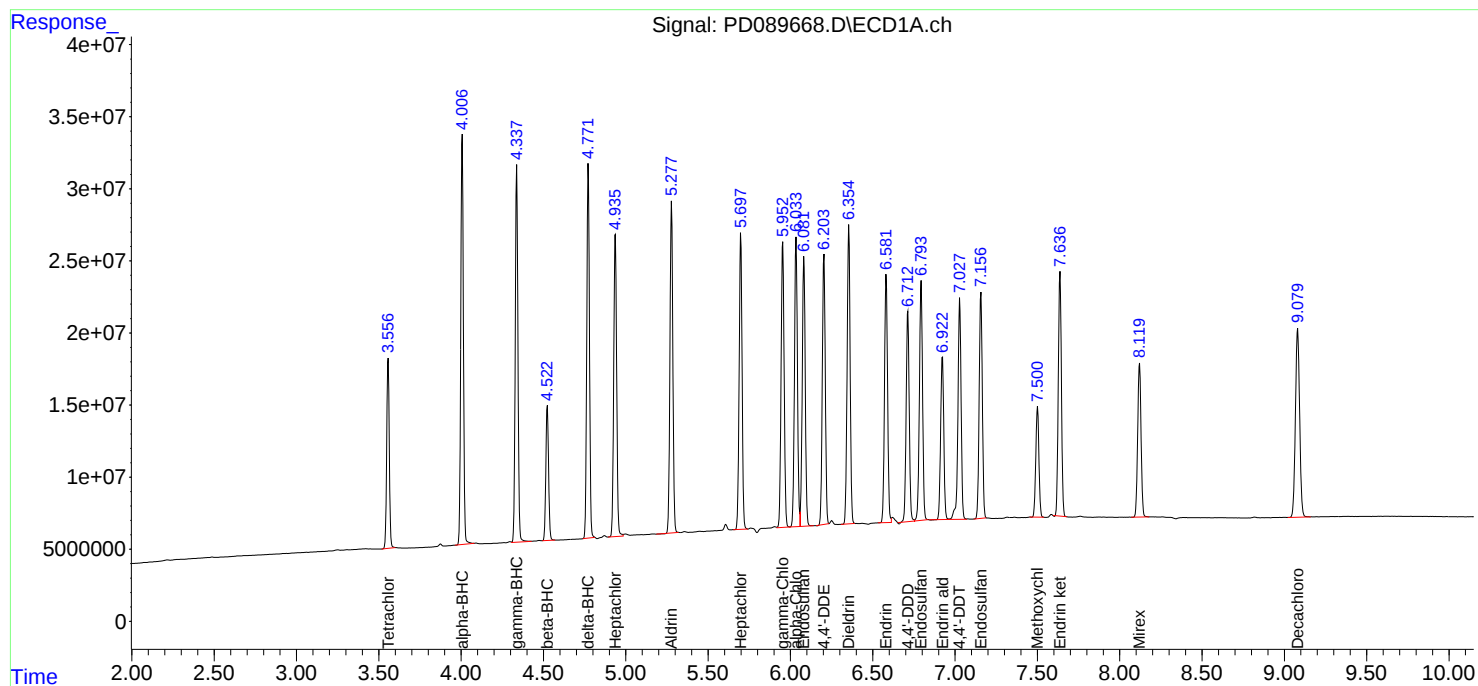
APPROVED

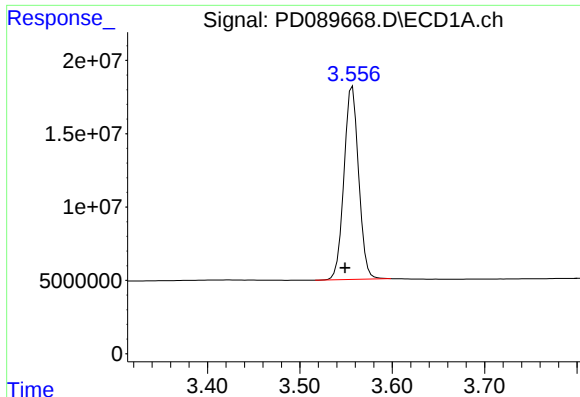
Reviewed By :Abdul Mirza 07/30/2025

Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:41:17 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





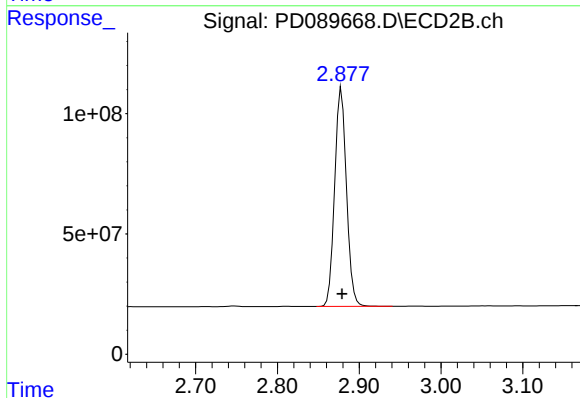
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.008 min
Response: 145278698
Conc: 50.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

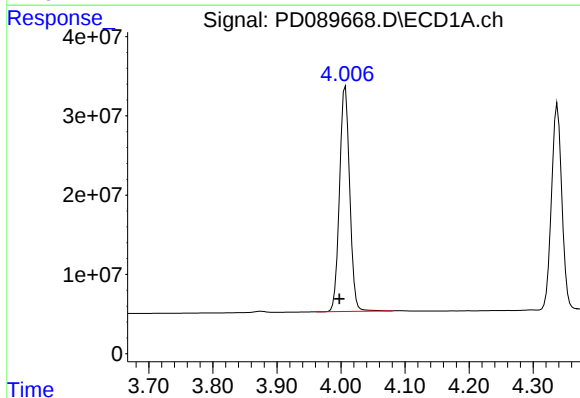
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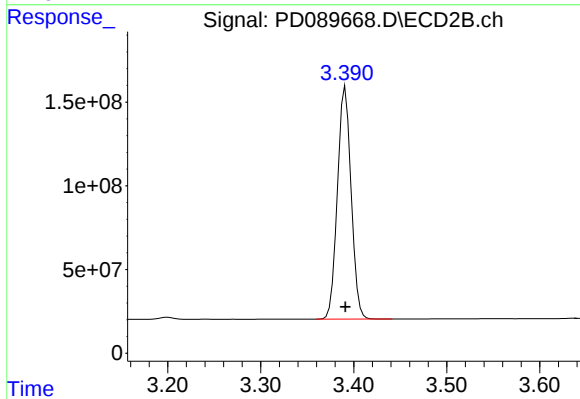
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 913346173
Conc: 46.68 ng/ml



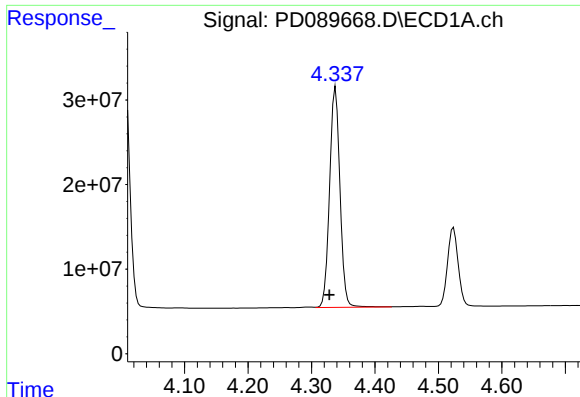
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.010 min
Response: 313662981
Conc: 54.94 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 1422219421
Conc: 47.34 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.010 min
Response: 295150739
Conc: 53.49 ng/ml

Instrument :

ECD_D

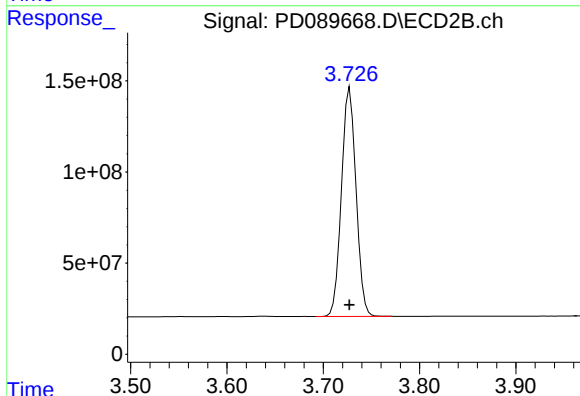
ClientSampleId :

PSTDCCC050

Manual Integrations

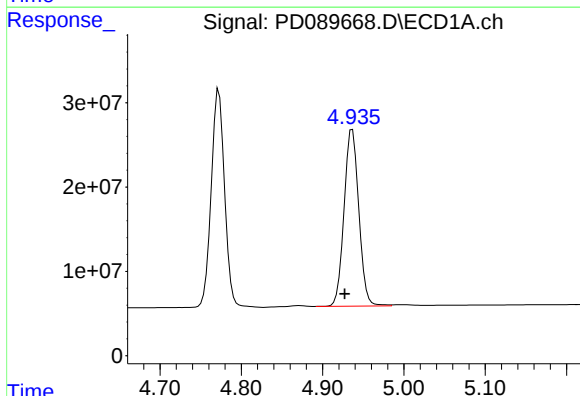
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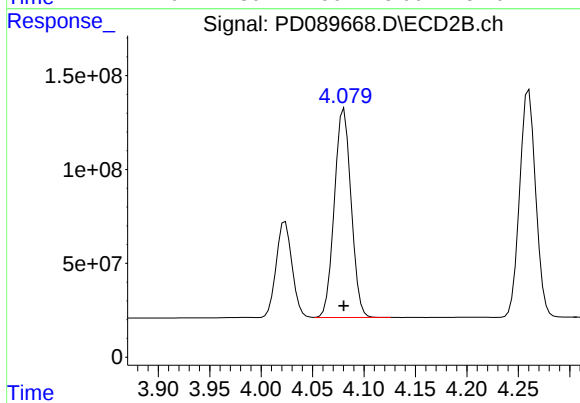
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 1315550519
Conc: 47.39 ng/ml



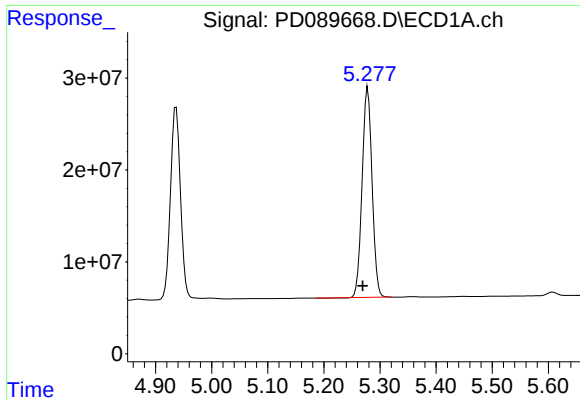
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.009 min
Response: 263110090
Conc: 48.24 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 1260581831
Conc: 44.99 ng/ml



#5 Aldrin

R.T.: 5.278 min
Delta R.T.: 0.009 min
Response: 282385579
Conc: 53.96 ng/ml

Instrument :

ECD_D

ClientSampleId :

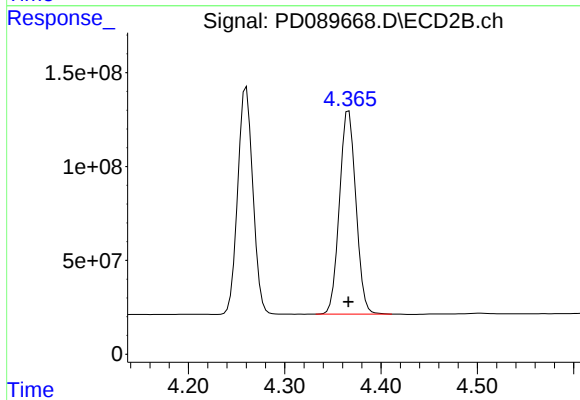
PSTDCCC050

Manual Integrations

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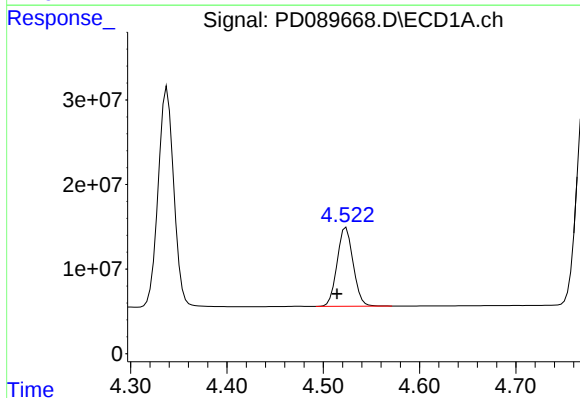
Reviewed By :Abdul Mirza 07/30/2025

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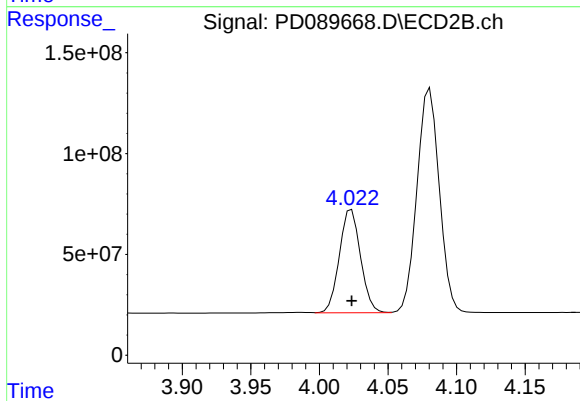
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 1282763193
Conc: 46.84 ng/ml



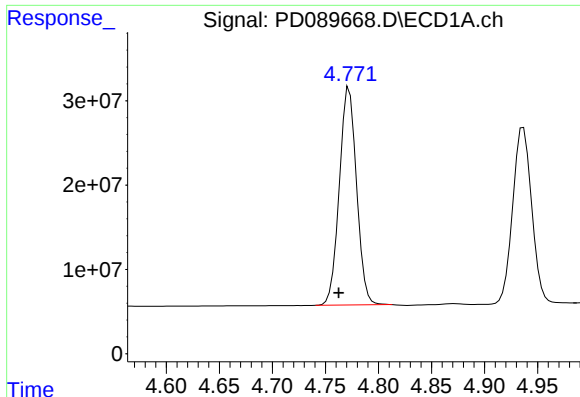
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.010 min
Response: 107942567
Conc: 50.06 ng/ml



#6 beta-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 550372109
Conc: 46.24 ng/ml



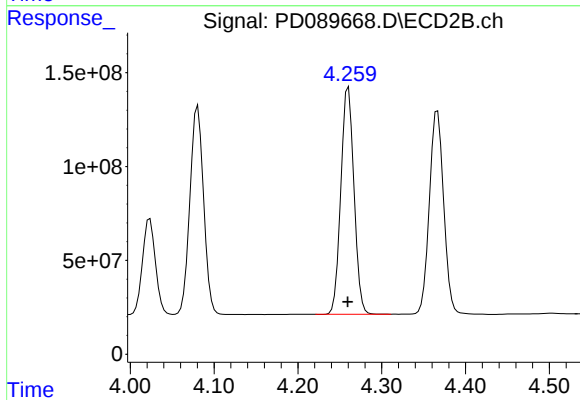
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.009 min
Response: 291497870
Conc: 55.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

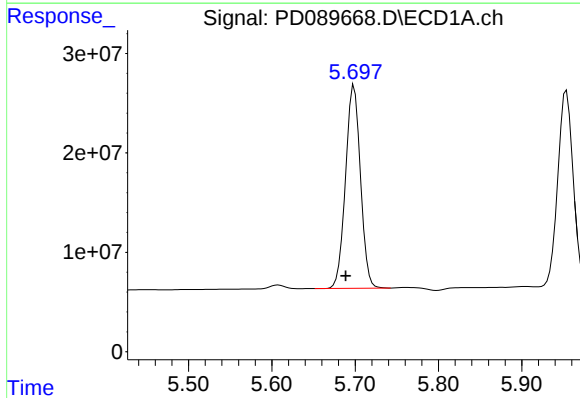
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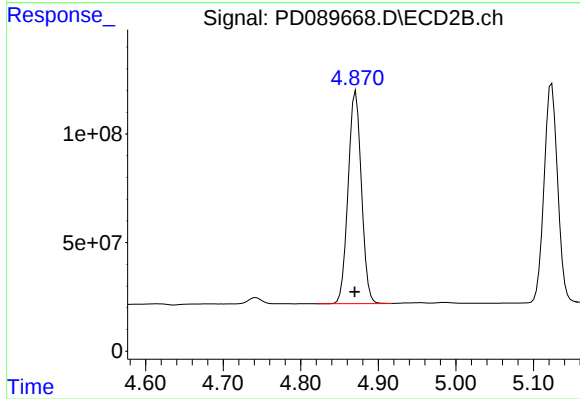
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 1317554246
Conc: 47.23 ng/ml



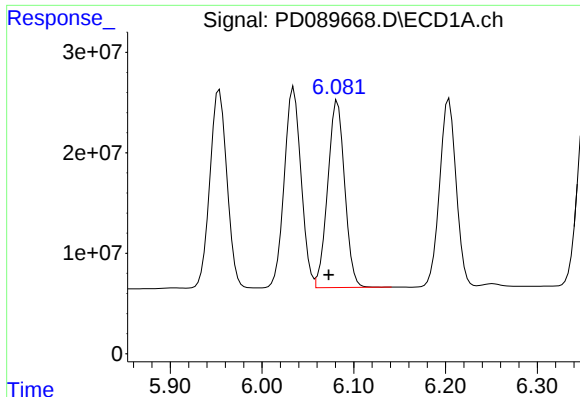
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.010 min
Response: 254045566
Conc: 53.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: 0.001 min
Response: 1163912667
Conc: 46.82 ng/ml



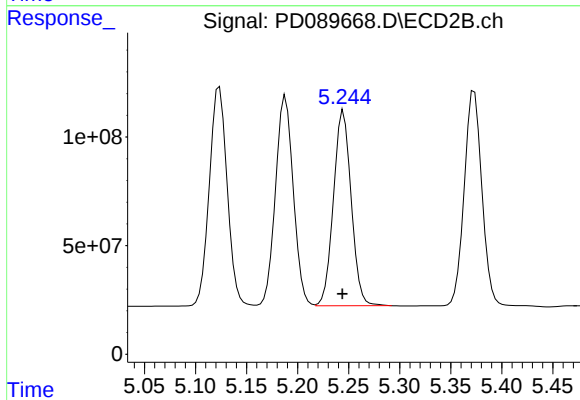
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.010 min
Response: 239683349
Conc: 53.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

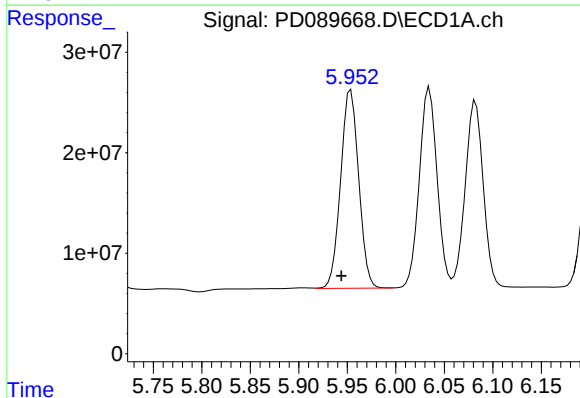
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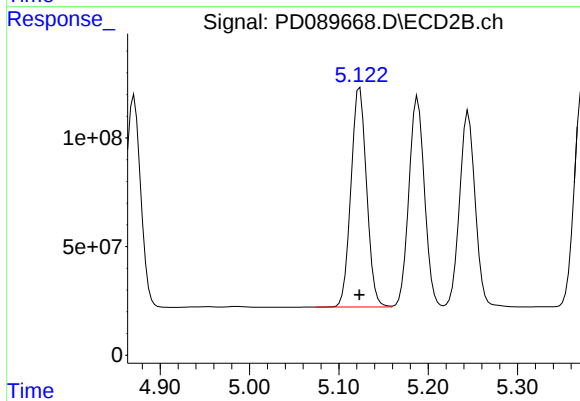
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 1088339678
Conc: 45.83 ng/ml



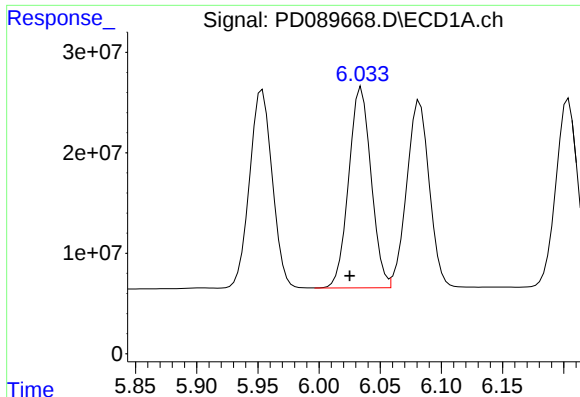
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.010 min
Response: 255658765
Conc: 53.92 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 1230665043
Conc: 46.00 ng/ml



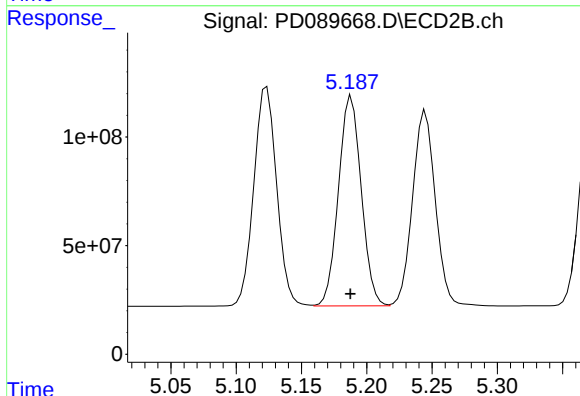
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.010 min
Response: 254261340
Conc: 53.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

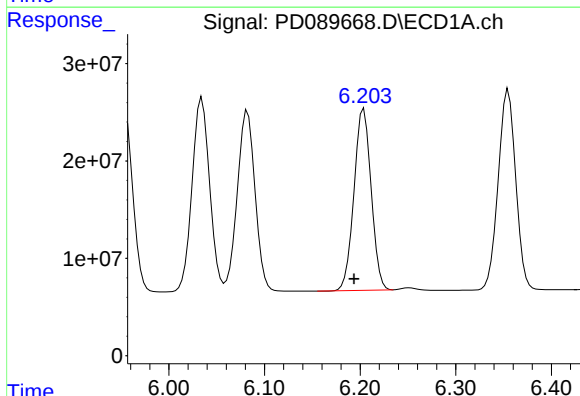
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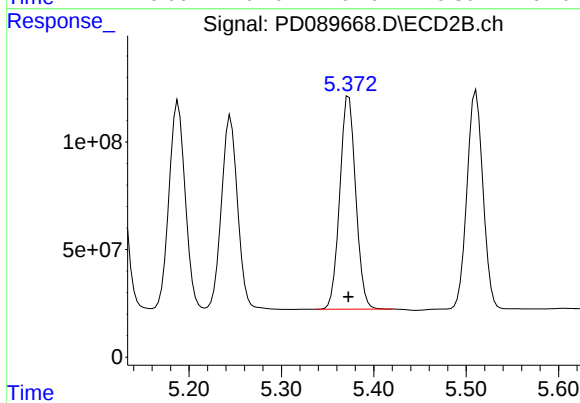
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: 0.000 min
Response: 1175169711
Conc: 45.56 ng/ml



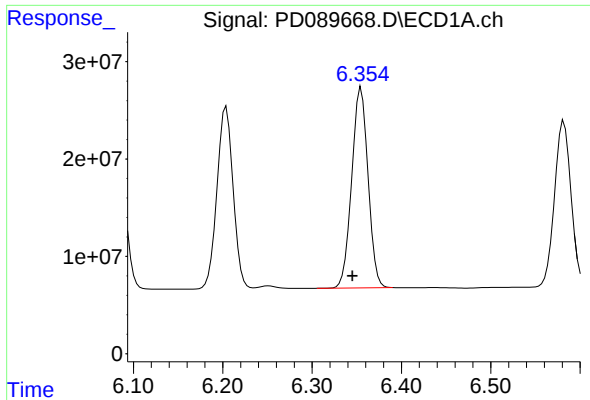
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.010 min
Response: 232936960
Conc: 54.25 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 1190587069
Conc: 45.34 ng/ml



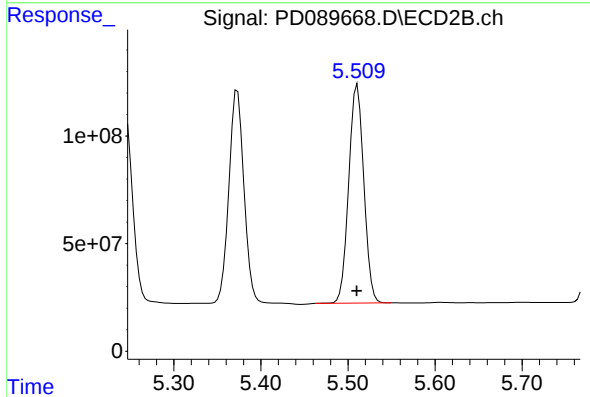
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.010 min
Response: 261615287
Conc: 55.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

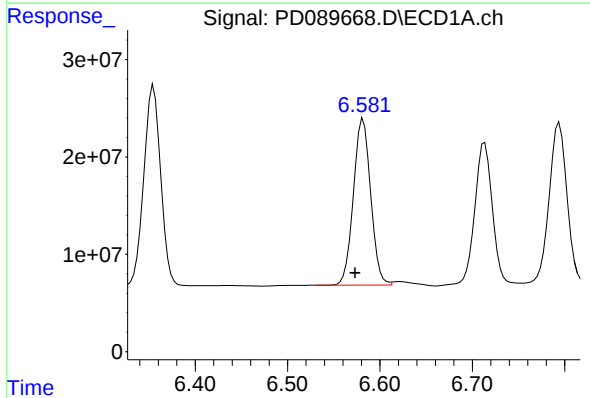
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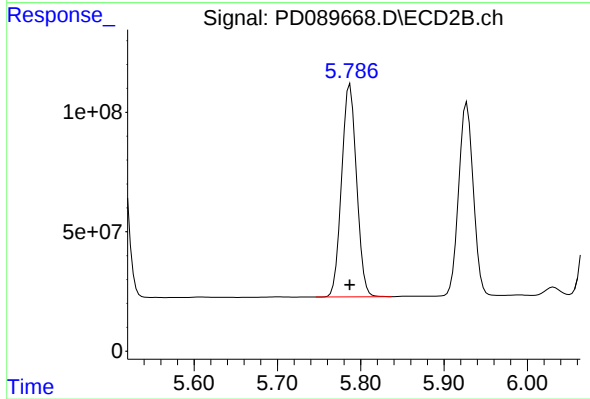
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 1221962754
Conc: 46.24 ng/ml



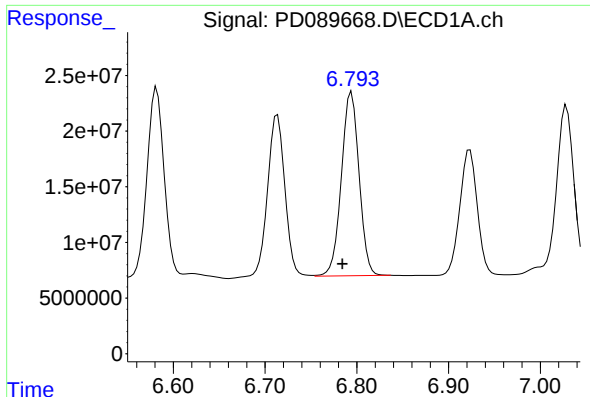
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.009 min
Response: 221901884
Conc: 54.49 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 1110192079
Conc: 45.91 ng/ml



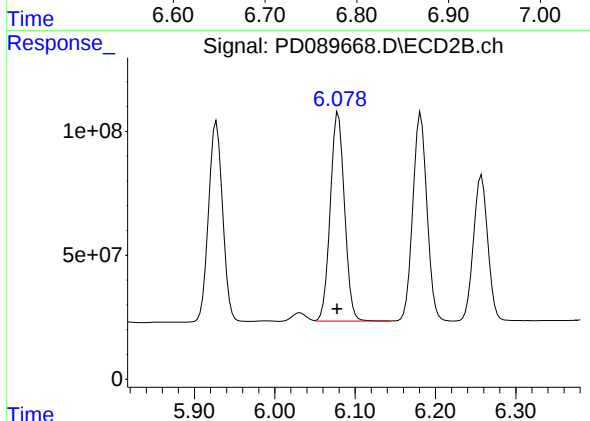
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.010 min
Response: 221266258
Conc: 54.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

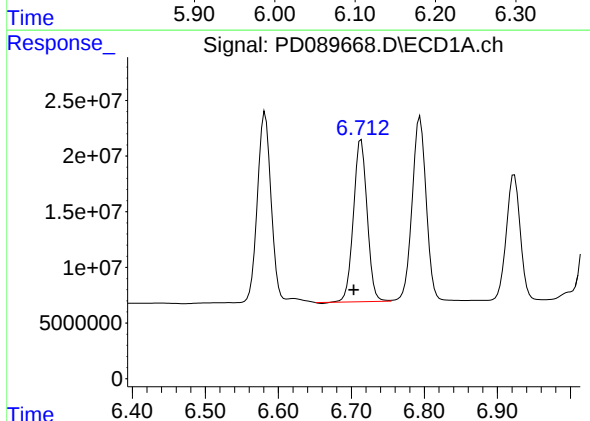
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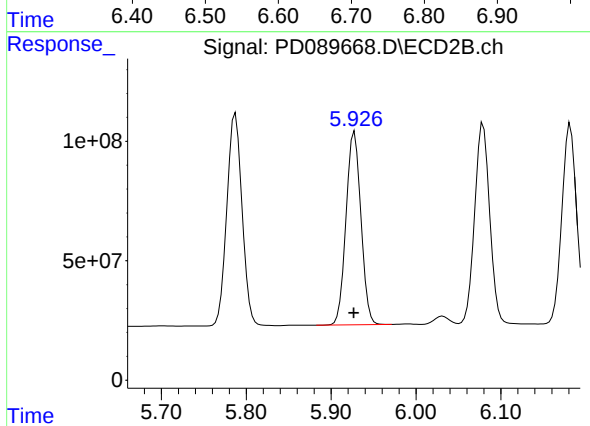
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 1038629056
Conc: 45.22 ng/ml



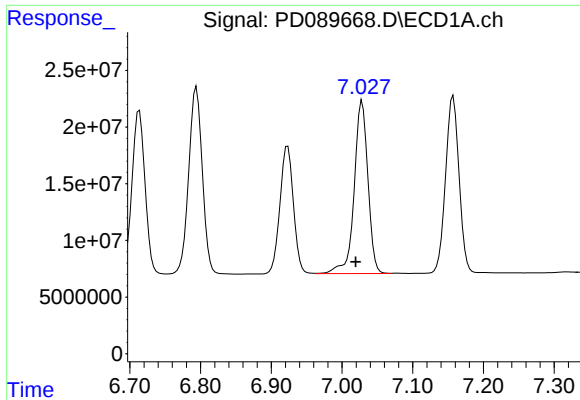
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.010 min
Response: 190025074
Conc: 56.08 ng/ml



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 983214880
Conc: 44.85 ng/ml



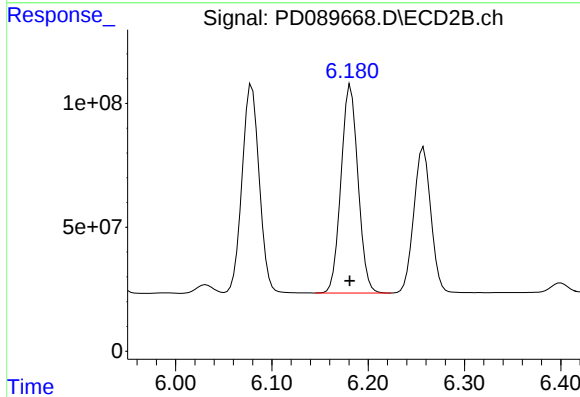
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.009 min
Response: 206686511
Conc: 54.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

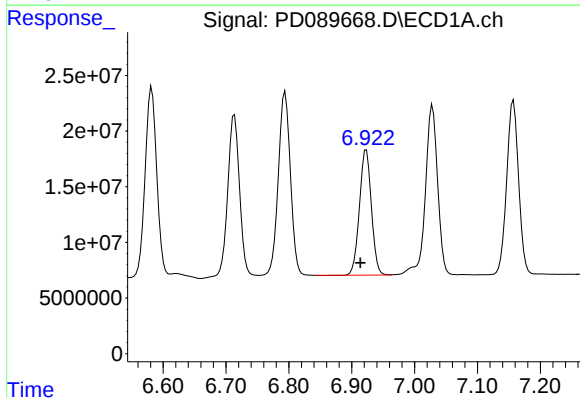
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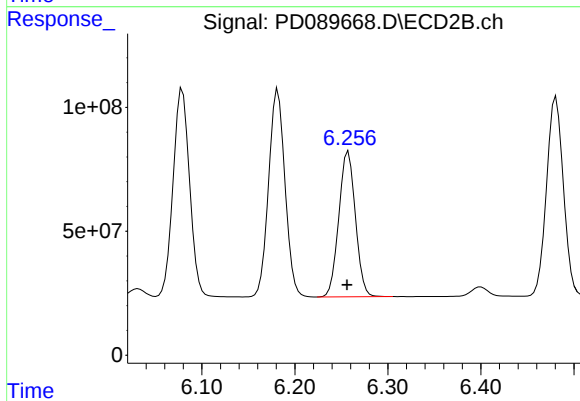
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: 0.001 min
Response: 1027219263
Conc: 43.88 ng/ml



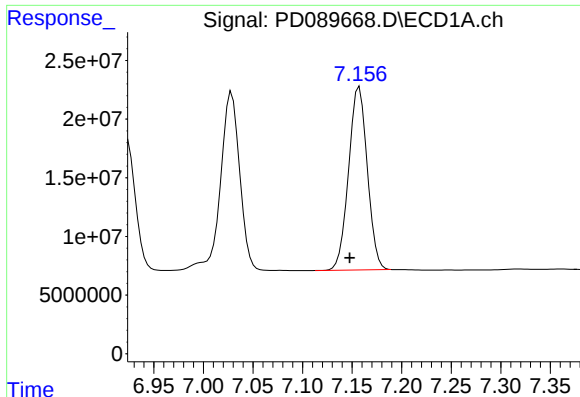
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.010 min
Response: 149116800
Conc: 51.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.001 min
Response: 727134932
Conc: 43.81 ng/ml



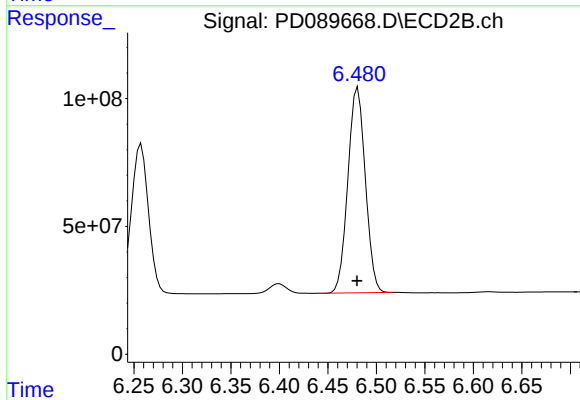
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.010 min
Response: 205599046
Conc: 54.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

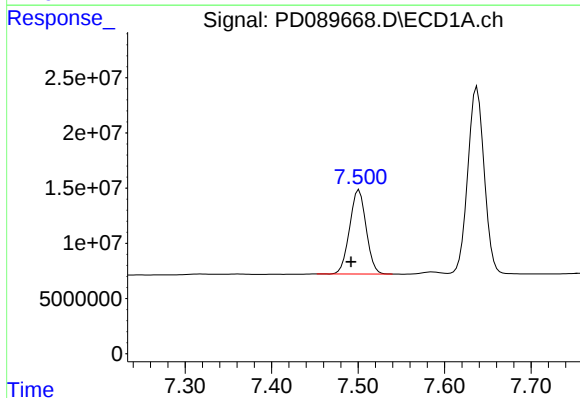
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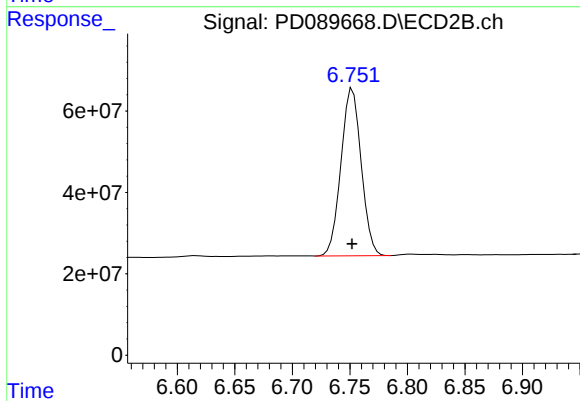
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 1005255425
Conc: 45.29 ng/ml



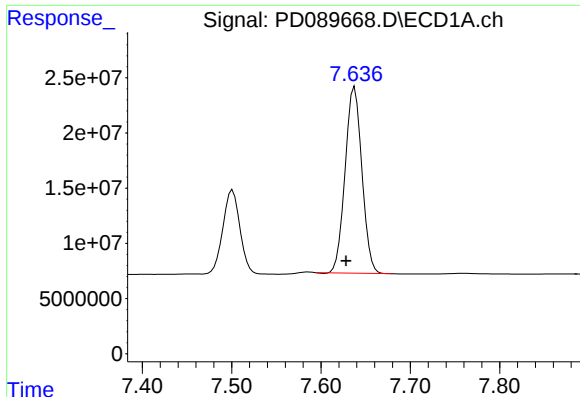
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.009 min
Response: 100810712
Conc: 50.28 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 505358144
Conc: 41.45 ng/ml



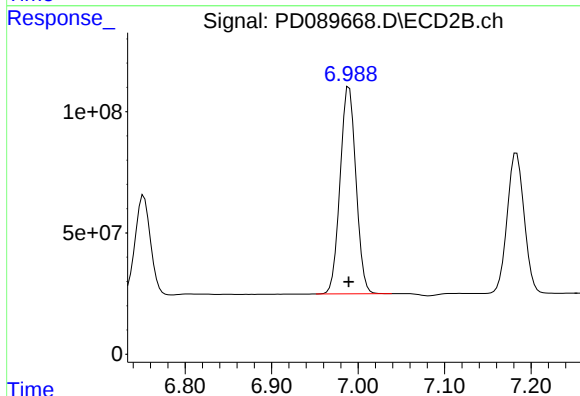
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: 0.010 min
Response: 220288958
Conc: 54.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

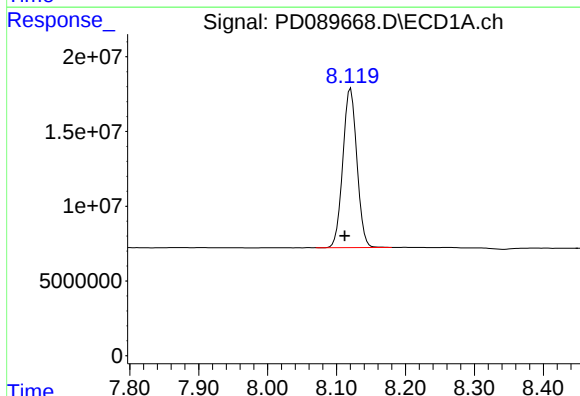
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025



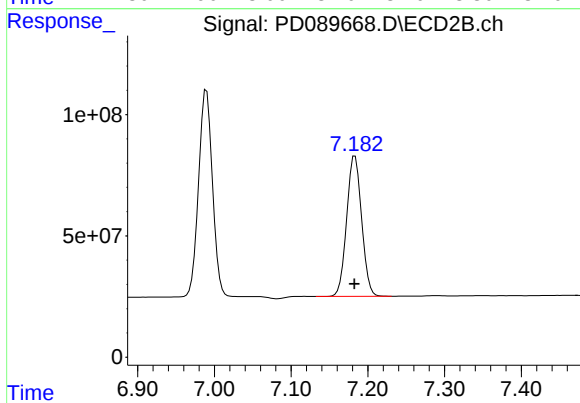
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 1080166389
Conc: 44.11 ng/ml



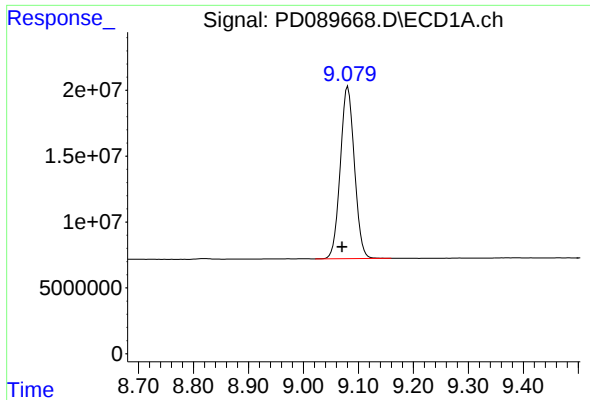
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.009 min
Response: 150978255
Conc: 49.08 ng/ml



#22 Mirex

R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 789081892
Conc: 40.82 ng/ml



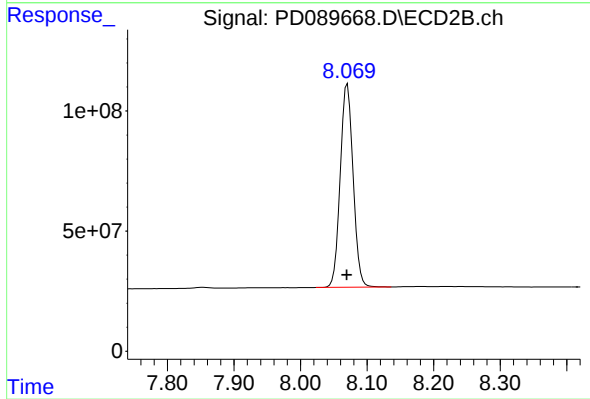
#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.010 min
Response: 233137561
Conc: 56.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/30/2025



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: 0.001 min
Response: 1134750953
Conc: 46.19 ng/ml