

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
 Data File : PD091337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 13:00
 Operator : AR\AJ
 Sample : PB170672BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170672BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 00:47:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.541	2.871	63469500	722.3E6	18.404	19.719
28)	SA Decachlor...	9.060	8.055	93363153	833.8E6	18.741	21.069
Target Compounds							
2)	A alpha-BHC	3.990	3.382	379.6E6	3229.7E6	47.480	51.101
3)	MA gamma-BHC...	4.321	3.718	359.8E6	3009.1E6	48.143	52.042
4)	MA Heptachlor	4.919	4.070	340.0E6	2849.0E6	47.477	51.604
5)	MB Aldrin	5.260	4.356	356.0E6	3038.2E6	49.061	53.813
6)	B beta-BHC	4.508	4.015	134.6E6	1234.6E6	46.312	51.385
7)	B delta-BHC	4.757	4.251	329.0E6	2782.7E6	44.274	47.586
8)	B Heptachlo...	5.680	4.859	314.7E6	2694.5E6	48.441	52.877
9)	A Endosulfan I	6.064	5.233	296.8E6	2402.8E6	48.310	50.214
10)	B gamma-Chl...	5.936	5.112	316.7E6	2922.0E6	48.715	53.489
11)	B alpha-Chl...	6.017	5.177	314.2E6	2786.2E6	45.656	53.241
12)	B 4,4'-DDE	6.186	5.361	278.5E6	2944.5E6	48.023	55.097
13)	MA Dieldrin	6.337	5.499	316.3E6	2897.8E6	48.921	53.356
14)	MA Endrin	6.564	5.776	252.0E6	2566.7E6	50.767	56.794
15)	B Endosulfa...	6.777	6.067	274.2E6	2484.9E6	49.328	53.233
16)	A 4,4'-DDD	6.696	5.915	238.1E6	2552.1E6	48.481	52.224
17)	MA 4,4'-DDT	7.012	6.169	206.3E6	2179.0E6	49.885	55.683
18)	B Endrin al...	6.906	6.245	212.3E6	1989.4E6	50.955	56.375
19)	B Endosulfa...	7.140	6.468	246.0E6	2390.3E6	47.822	53.313
20)	A Methoxychlor	7.485	6.739	106.2E6	1093.9E6	48.856	54.553
21)	B Endrin ke...	7.621	6.975	282.3E6	2967.3E6	50.116	58.232m
22)	Mirex	8.103	7.169	165.9E6	1721.4E6	46.637	51.944

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:00
Operator : AR\AJ
Sample : PB170672BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170672BS

Manual Integrations

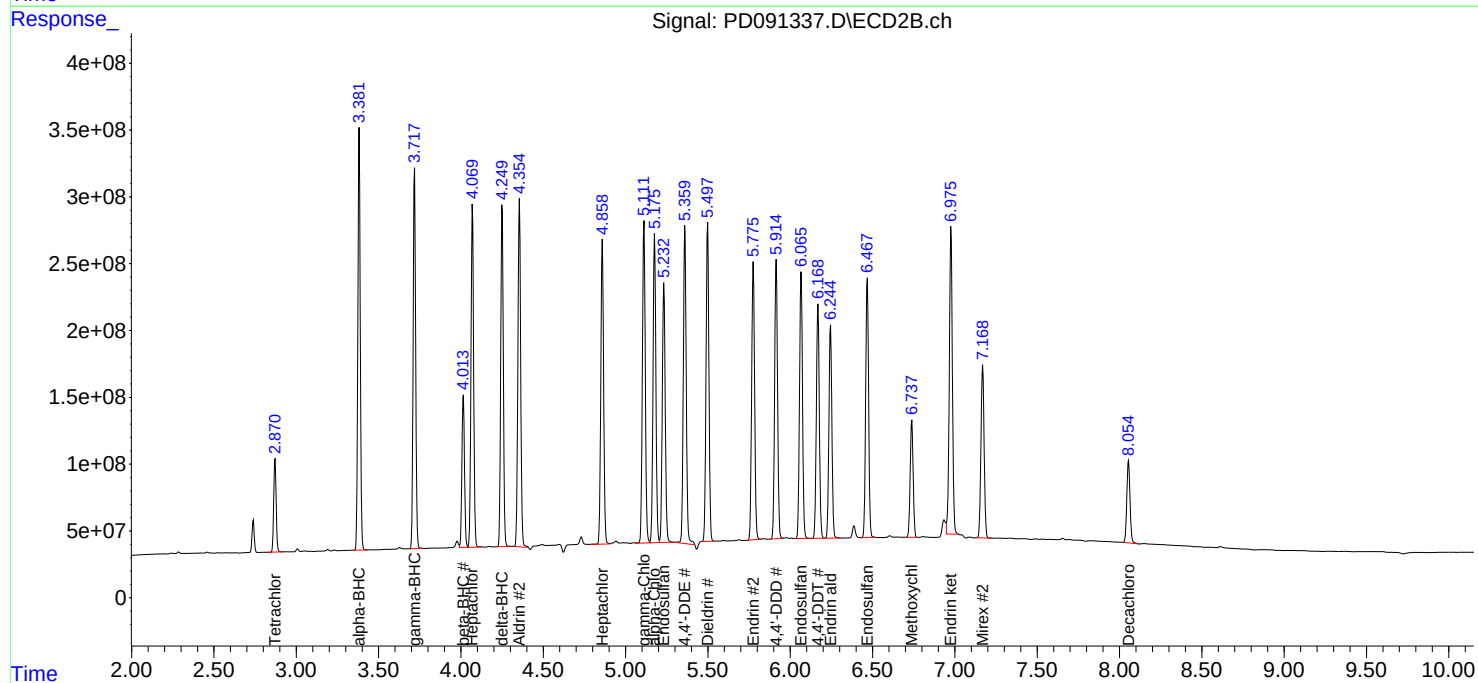
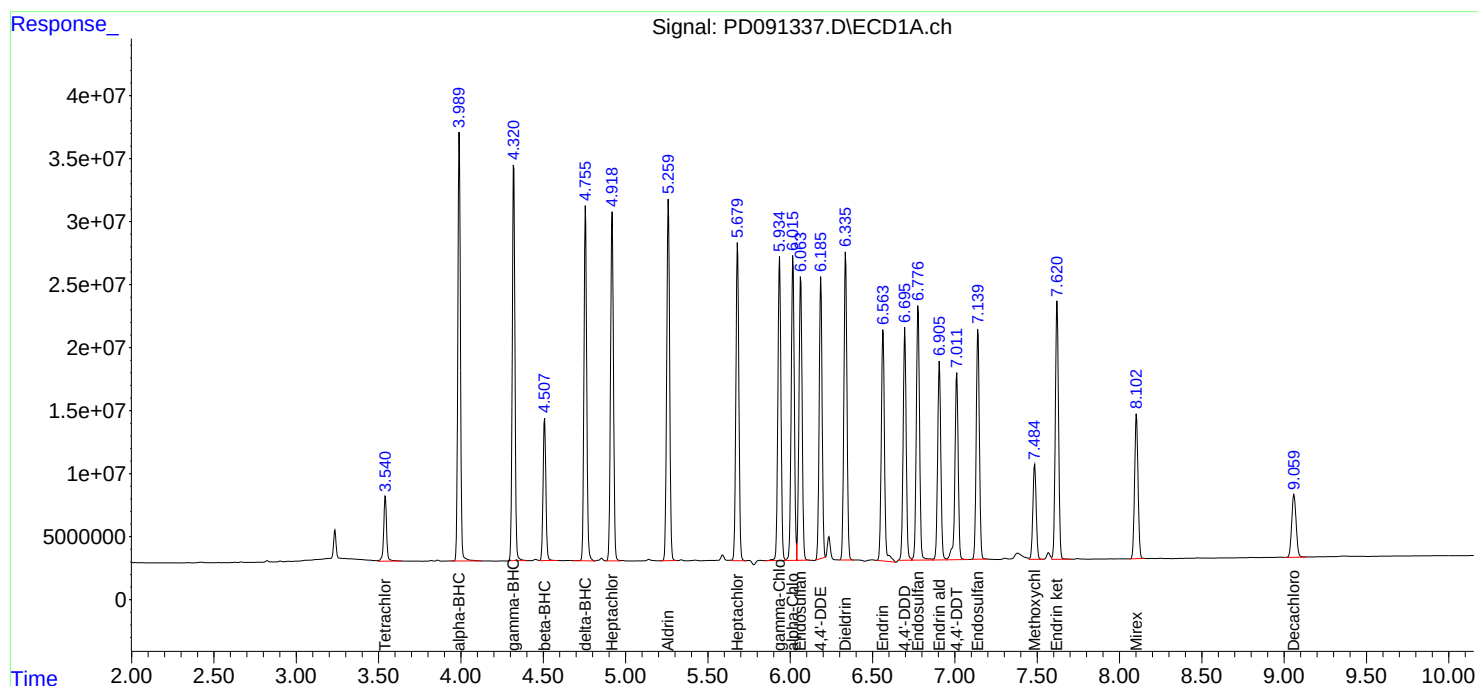
APPROVED

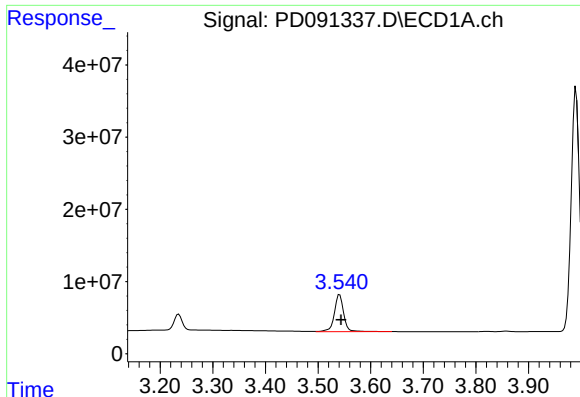
Reviewed By :Rahul Chavli 11/26/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:47:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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 x 0.25µm





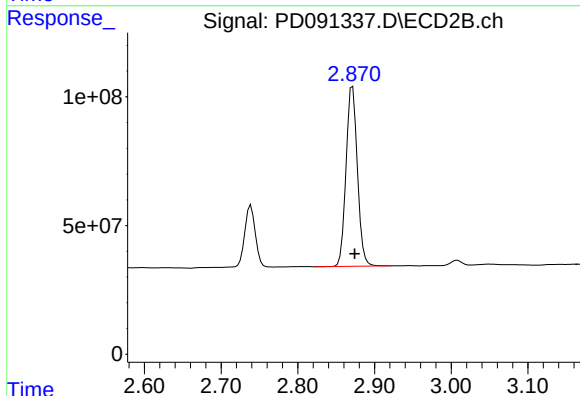
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 63469500
Conc: 18.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170672BS

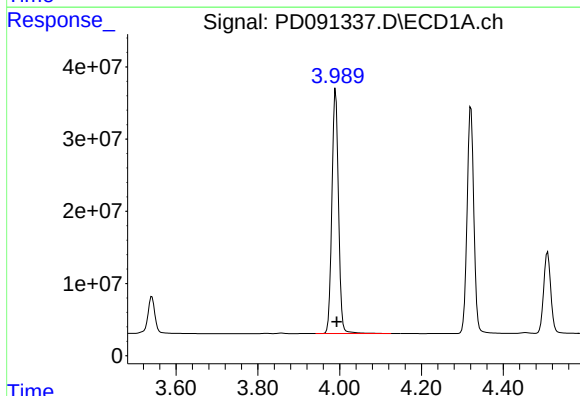
Manual Integrations
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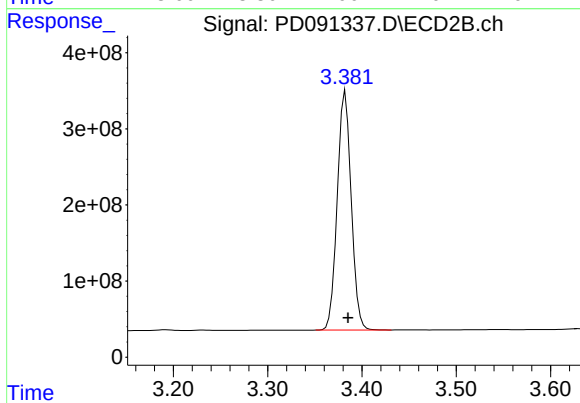
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 722324552
Conc: 19.72 ng/ml



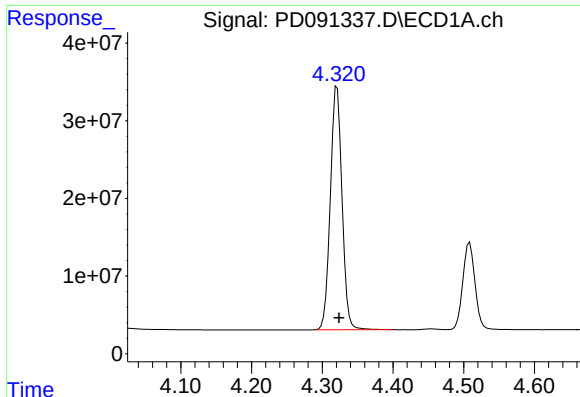
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 379629452
Conc: 47.48 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 3229726952
Conc: 51.10 ng/ml



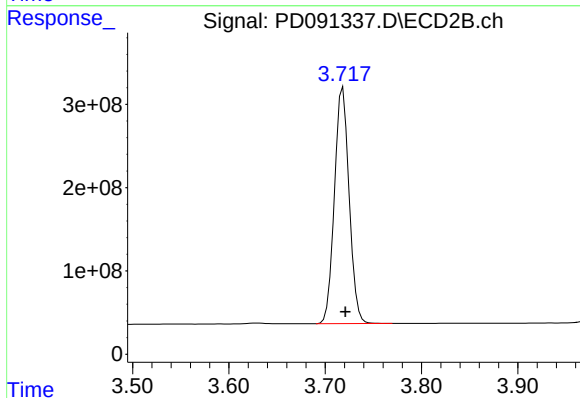
#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 359764292
Conc: 48.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170672BS

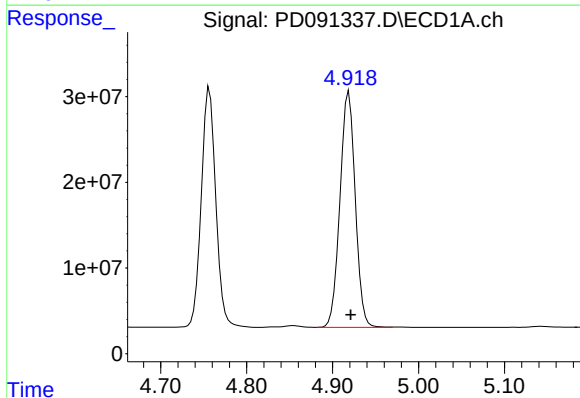
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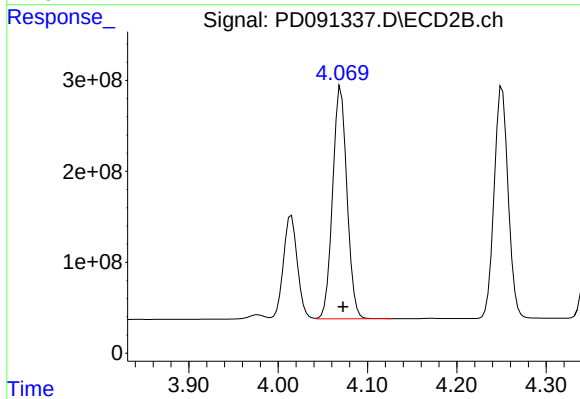
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.002 min
Response: 3009142692
Conc: 52.04 ng/ml



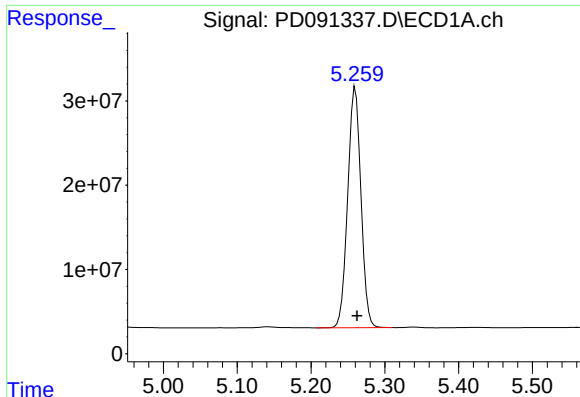
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 340016995
Conc: 47.48 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.002 min
Response: 2849034285
Conc: 51.60 ng/ml



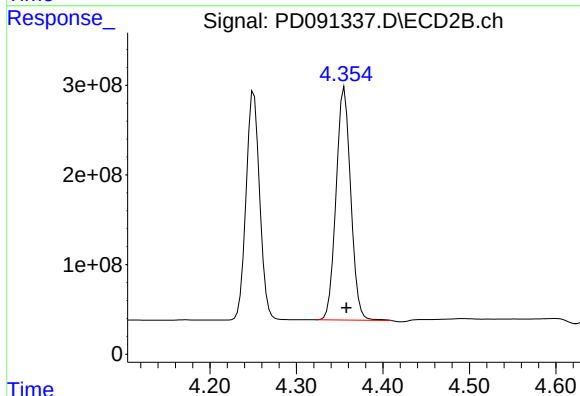
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 356008003
Conc: 49.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170672BS

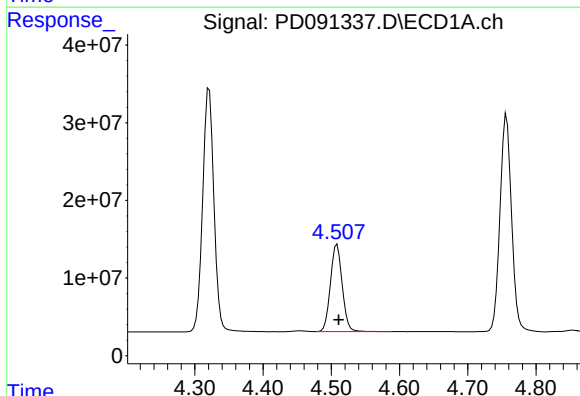
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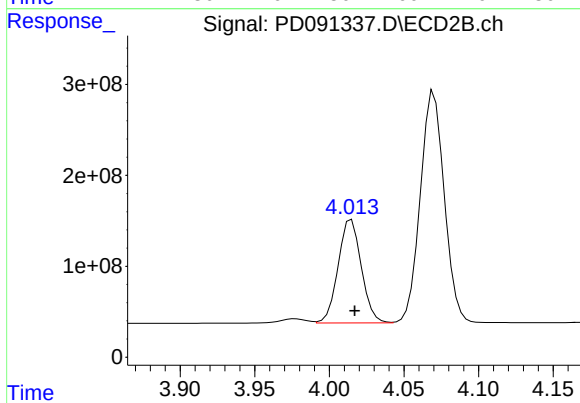
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 3038196815
Conc: 53.81 ng/ml



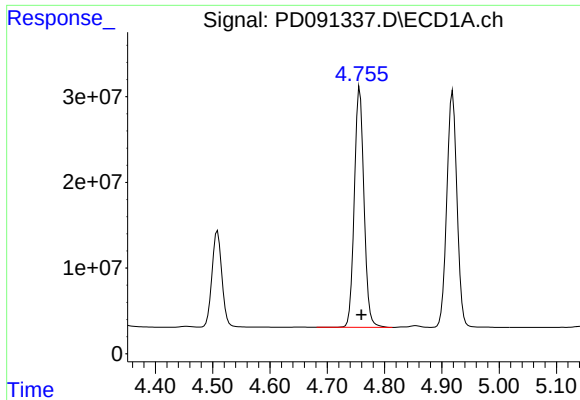
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 134559195
Conc: 46.31 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1234628929
Conc: 51.38 ng/ml



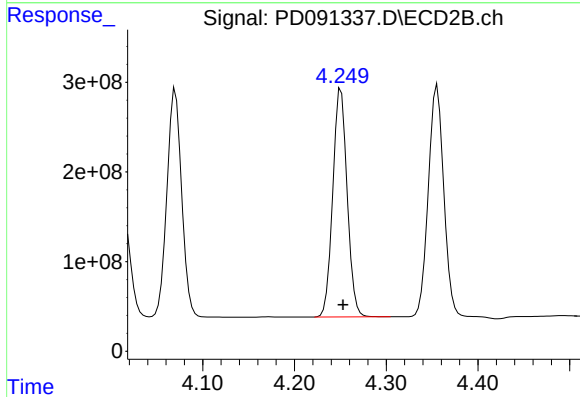
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 329047643
Conc: 44.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170672BS

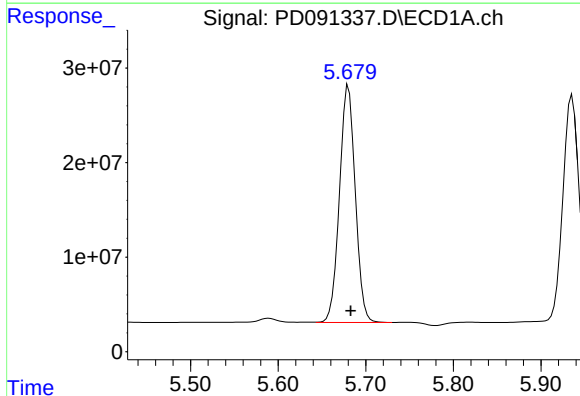
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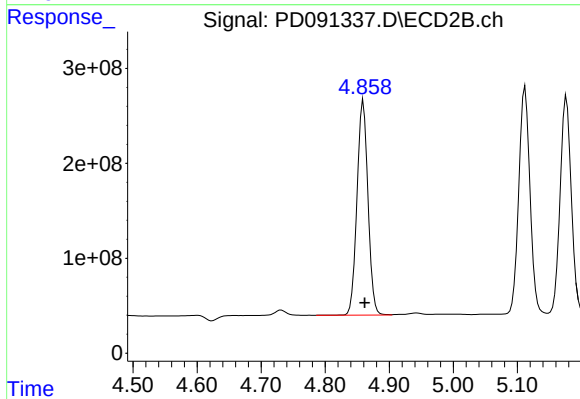
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2782708816
Conc: 47.59 ng/ml



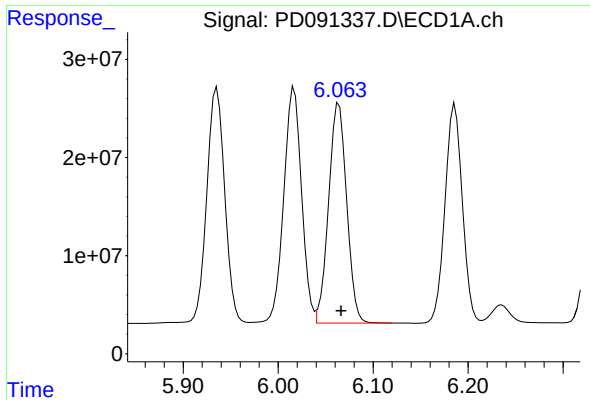
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 314706058
Conc: 48.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 2694523900
Conc: 52.88 ng/ml



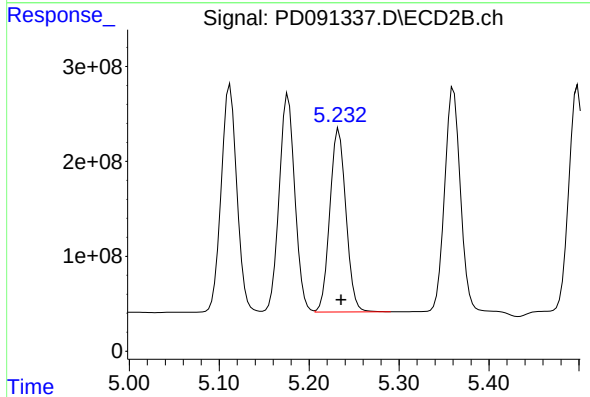
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.002 min
Response: 296767713
Conc: 48.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170672BS

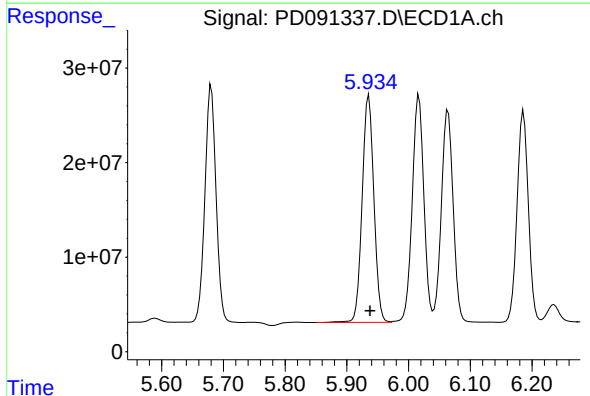
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Reviewed By :Rahul Chavli 11/26/2025
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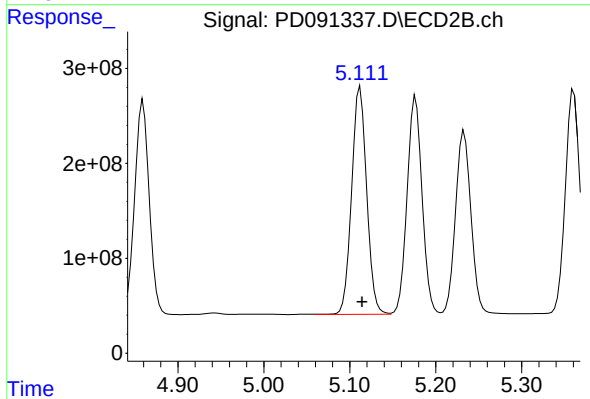
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.003 min
Response: 2402845307
Conc: 50.21 ng/ml



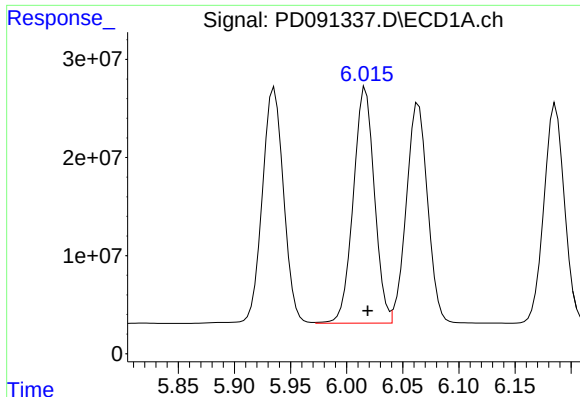
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 316687298
Conc: 48.72 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 2921955131
Conc: 53.49 ng/ml



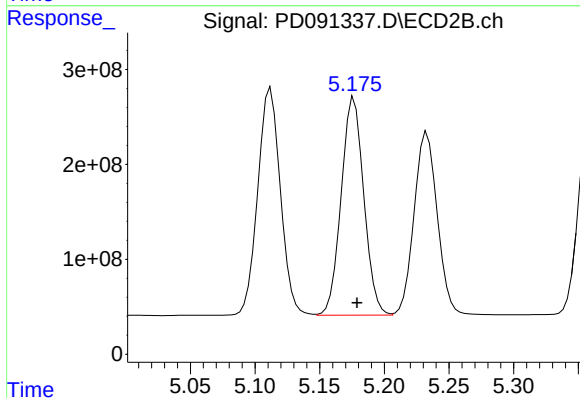
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 314242690
Conc: 45.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170672BS

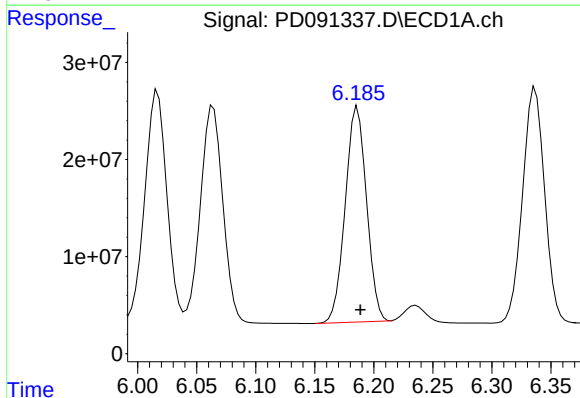
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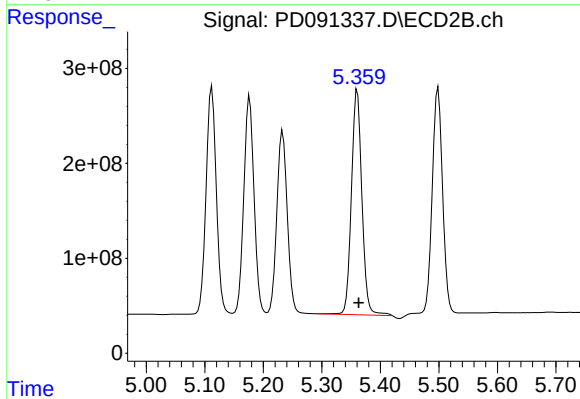
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2786168733
Conc: 53.24 ng/ml



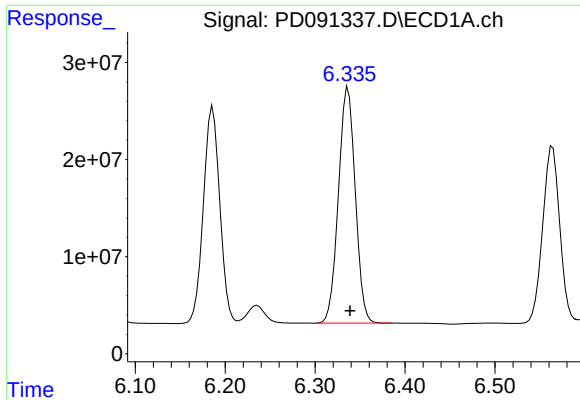
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 278503166
Conc: 48.02 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 2944512097
Conc: 55.10 ng/ml



#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 316267125
Conc: 48.92 ng/ml

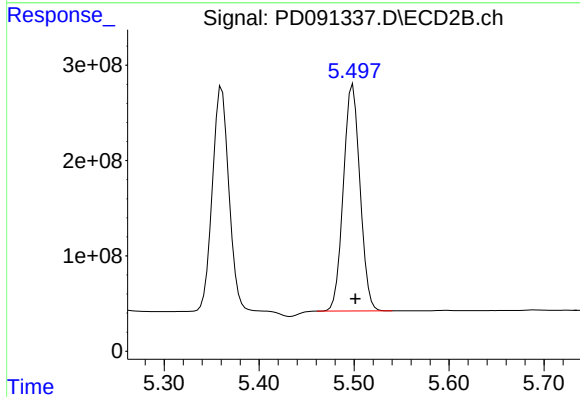
Instrument :

ECD_D

ClientSampleId :
PB170672BS

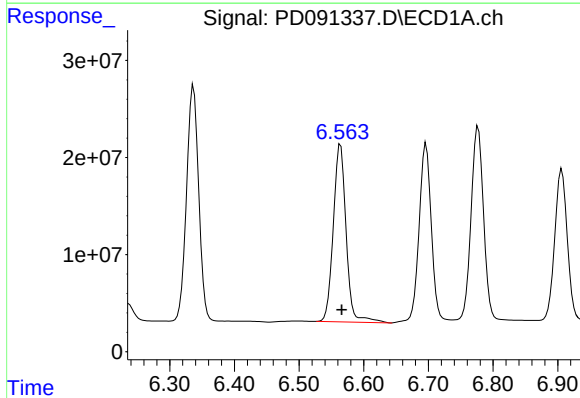
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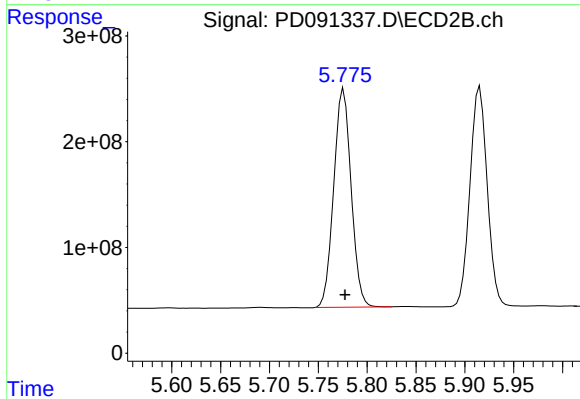
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 2897807043
Conc: 53.36 ng/ml



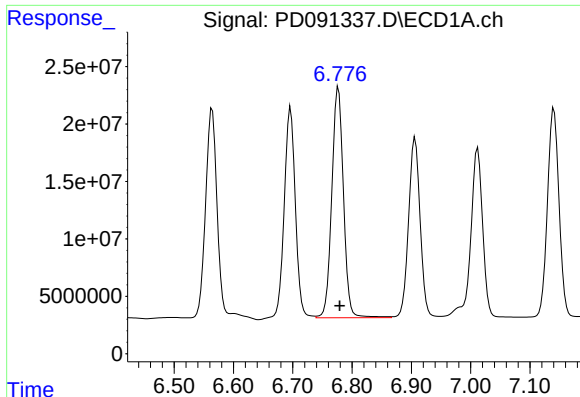
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 251982818
Conc: 50.77 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 2566663223
Conc: 56.79 ng/ml



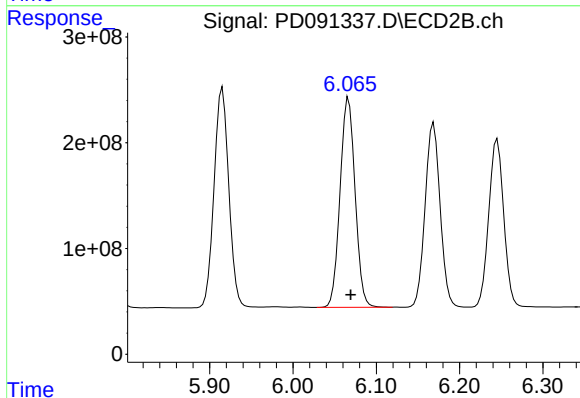
#15 Endosulfan II

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 274231060
Conc: 49.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170672BS

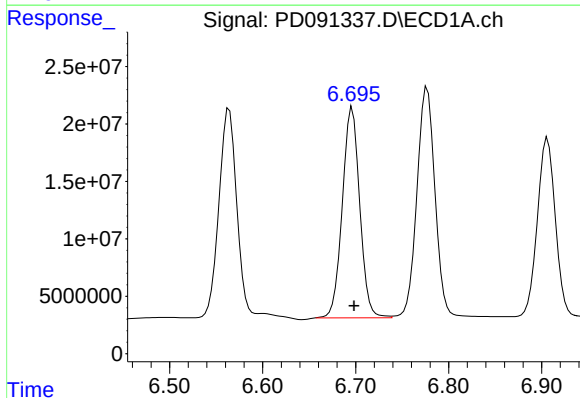
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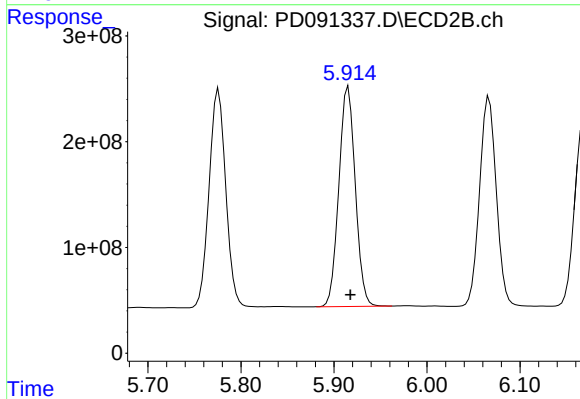
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 2484899799
Conc: 53.23 ng/ml



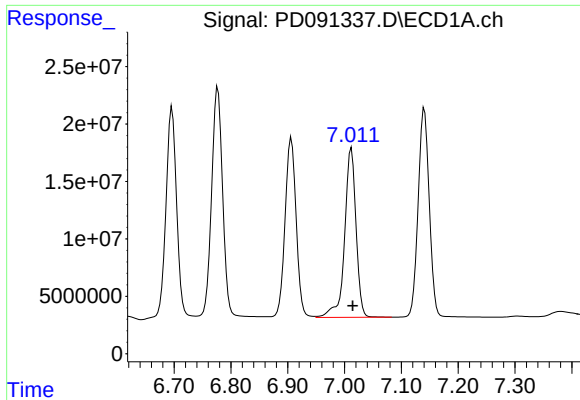
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 238117001
Conc: 48.48 ng/ml



#16 4,4'-DDD

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 2552115183
Conc: 52.22 ng/ml



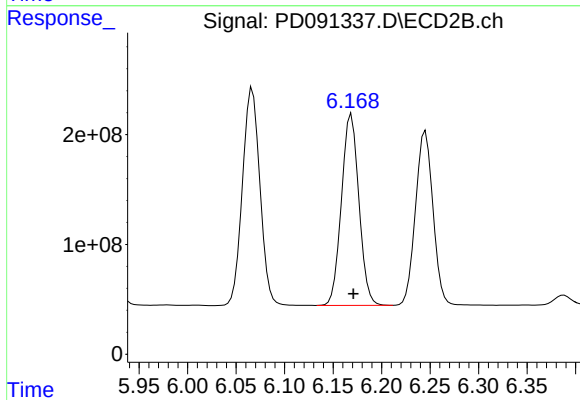
#17 4,4'-DDT

R.T.: 7.012 min
Delta R.T.: -0.002 min
Response: 206298381
Conc: 49.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170672BS

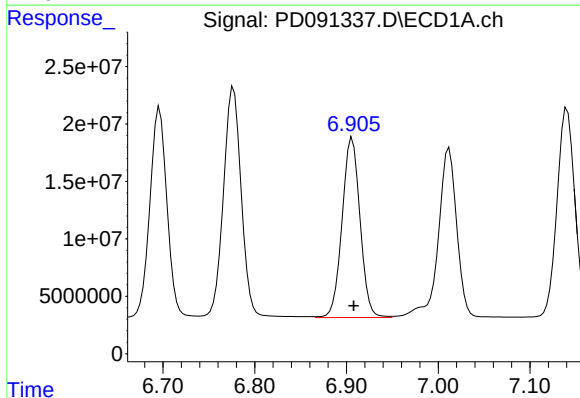
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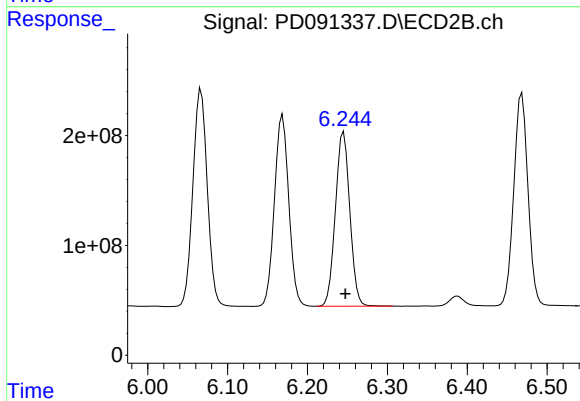
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 2179002695
Conc: 55.68 ng/ml



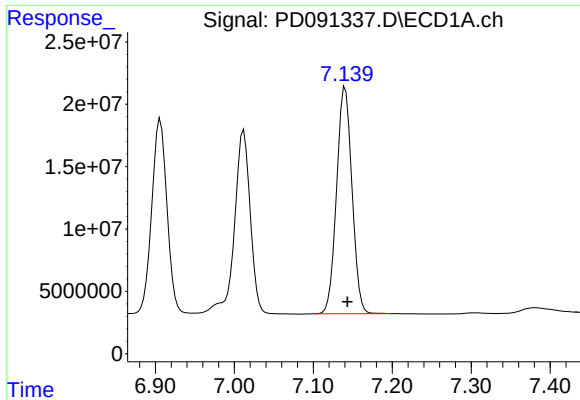
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 212281101
Conc: 50.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 1989421322
Conc: 56.38 ng/ml



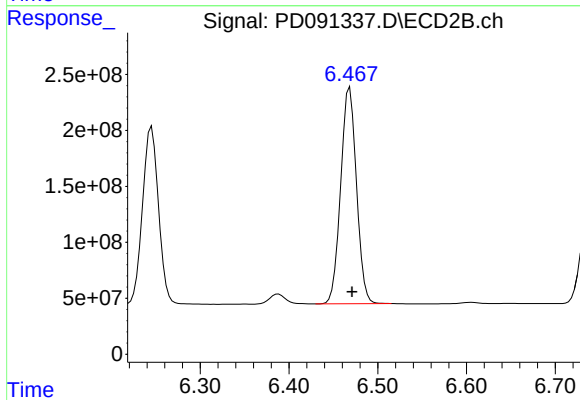
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 246033891
Conc: 47.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170672BS

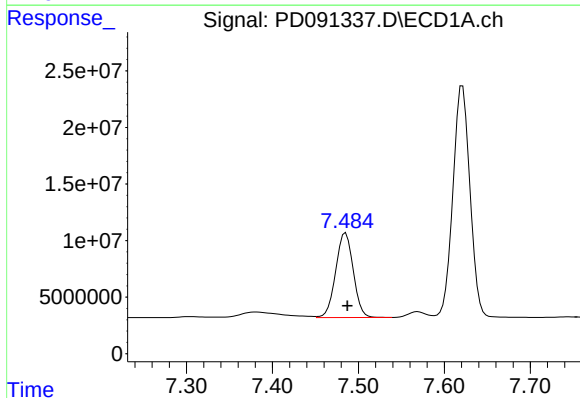
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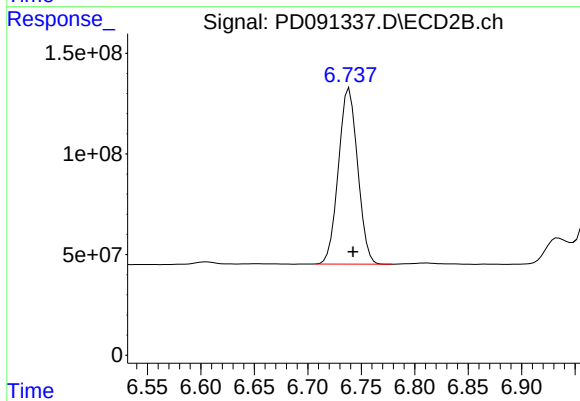
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 2390272350
Conc: 53.31 ng/ml



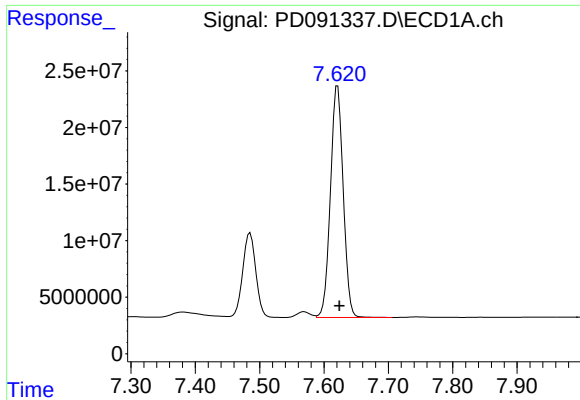
#20 Methoxychlor

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 106228852
Conc: 48.86 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 1093859626
Conc: 54.55 ng/ml



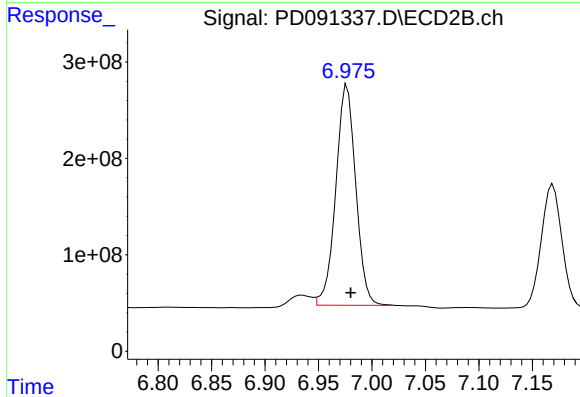
#21 Endrin ketone

R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 282330272
Conc: 50.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170672BS

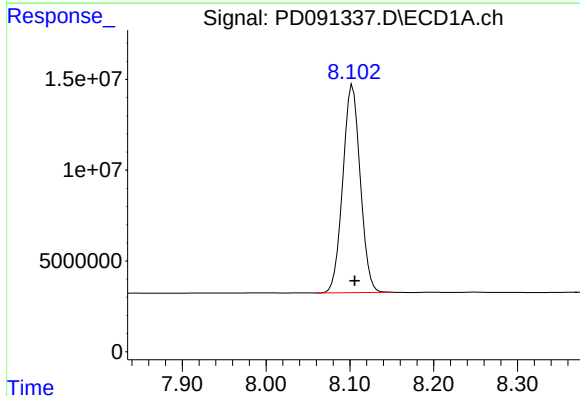
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/26/2025



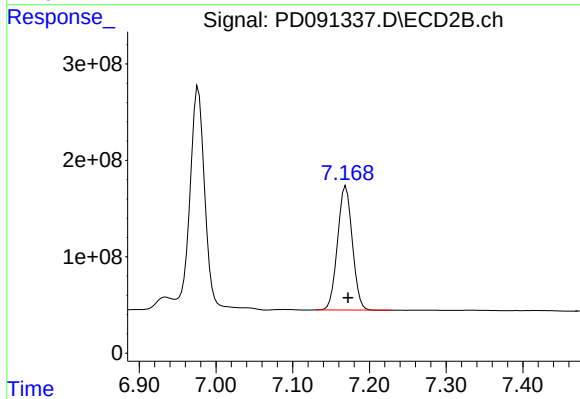
#21 Endrin ketone

R.T.: 6.975 min
Delta R.T.: -0.005 min
Response: 2967258267
Conc: 58.23 ng/ml m



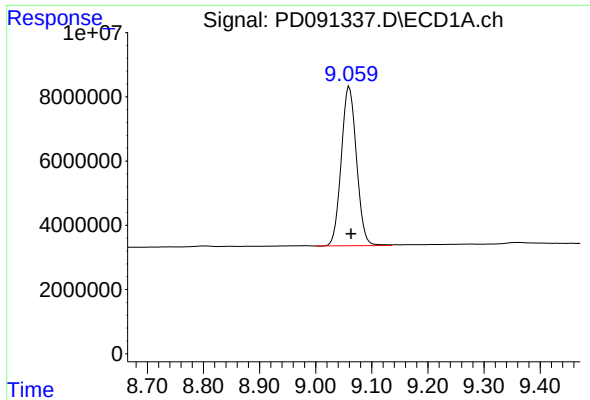
#22 Mirex

R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 165891021
Conc: 46.64 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 1721421196
Conc: 51.94 ng/ml



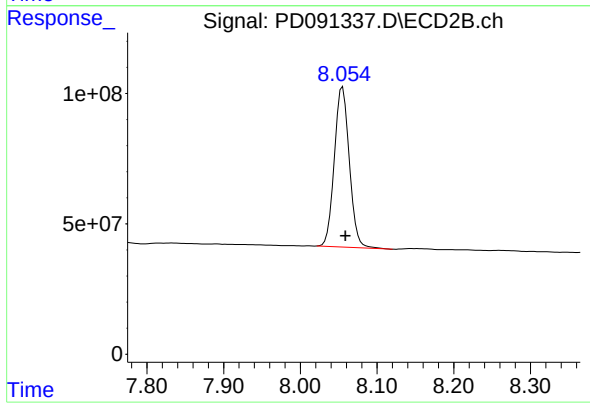
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 93363153
Conc: 18.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170672BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.004 min
Response: 833812358
Conc: 21.07 ng/ml