

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
 Data File : PD091024.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2025 13:05
 Operator : AR\AJ
 Sample : PB170426BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170426BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:45:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.551	2.873	72781730	762.7E6	23.371	25.613
28)	SA Decachlor...	9.076	8.062	117.7E6	874.5E6	25.160	28.871
Target Compounds							
2)	A alpha-BHC	4.001	3.385	313.5E6	2331.2E6	43.674	45.625
3)	MA gamma-BHC...	4.332	3.721	292.3E6	2144.7E6	42.996	45.391
4)	MA Heptachlor	4.930	4.073	296.8E6	2110.0E6	53.097	47.306
5)	MB Aldrin	5.271	4.359	285.8E6	2107.9E6	43.659	45.509
6)	B beta-BHC	4.519	4.018	110.1E6	885.8E6	42.027	44.672
7)	B delta-BHC	4.768	4.254	296.0E6	2161.7E6	43.780	45.304
8)	B Heptachlo...	5.692	4.863	262.5E6	1901.3E6	45.352	44.590
9)	A Endosulfan I	6.076	5.237	242.6E6	1630.1E6	43.818	41.384
10)	B gamma-Chl...	5.947	5.115	257.4E6	2034.6E6	43.406	45.264
11)	B alpha-Chl...	6.028	5.180	258.0E6	1948.0E6	41.738	45.157
12)	B 4,4'-DDE	6.198	5.363	225.6E6	1979.9E6	42.347	45.164m
13)	MA Dieldrin	6.348	5.503	257.9E6	2026.9E6	44.230	45.874
14)	MA Endrin	6.576	5.780	217.2E6	1959.0E6	43.840	48.377
15)	B Endosulfa...	6.787	6.071	222.9E6	1738.4E6	44.576m	46.289
16)	A 4,4'-DDD	6.707	5.919	187.2E6	1721.9E6	46.173m	47.255
17)	MA 4,4'-DDT	7.024	6.173	195.9E6	1692.0E6	47.653	48.243
18)	B Endrin al...	6.917	6.250	163.6E6	1328.2E6	44.673m	47.962
19)	B Endosulfa...	7.153	6.473	204.6E6	1682.3E6	44.110	46.934
20)	A Methoxychlor	7.497	6.744	103.9E6	842.2E6	48.897	48.326
21)	B Endrin ke...	7.634	6.981	227.6E6	2154.0E6	46.850	57.107m
22)	Mirex	8.116	7.175	140.7E6	1228.0E6	43.965	47.799

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 13:05
Operator : AR\AJ
Sample : PB170426BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

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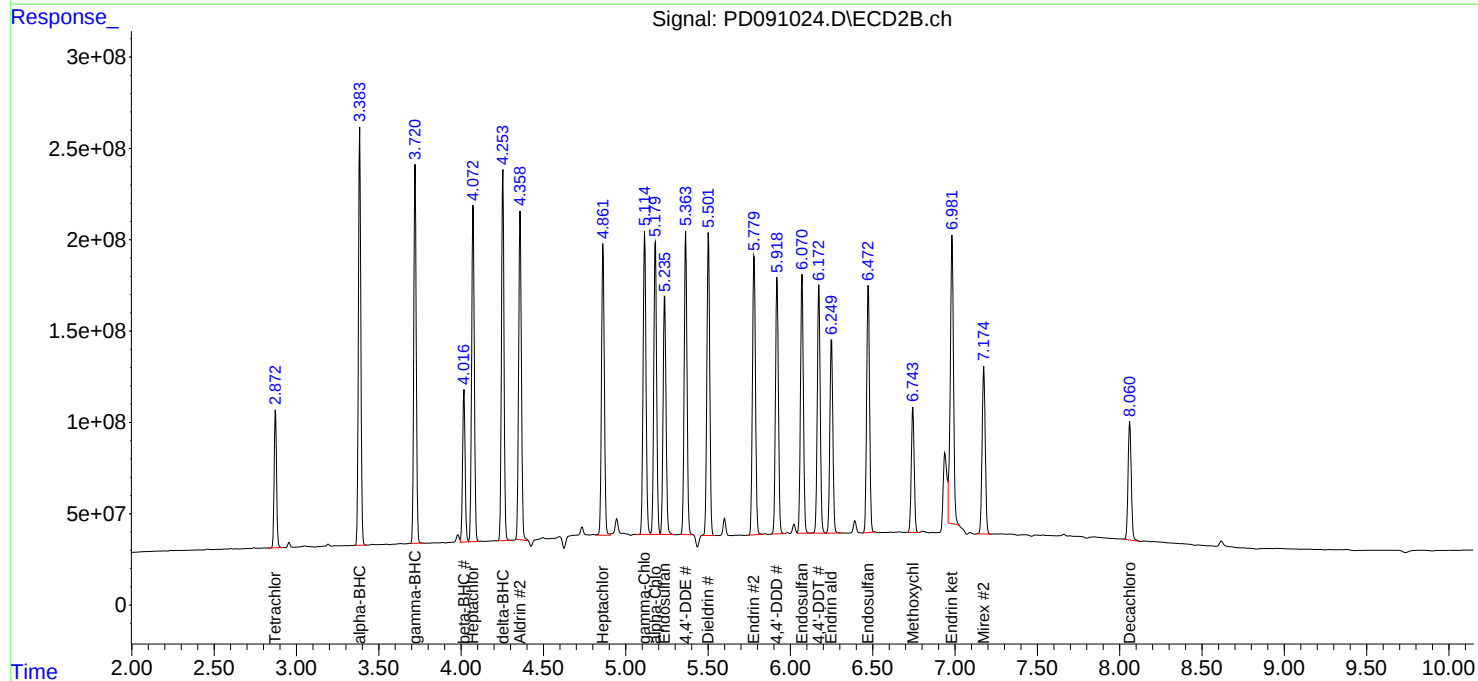
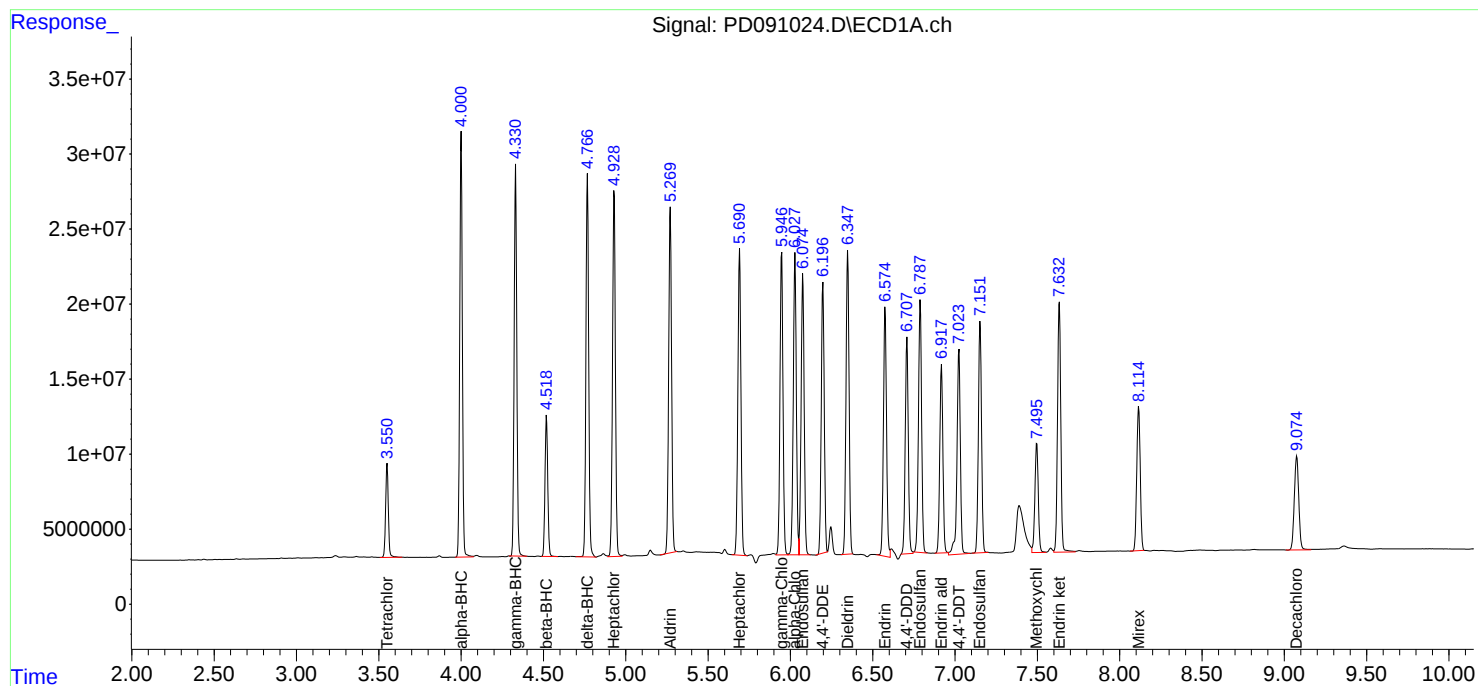
Manual Integrations

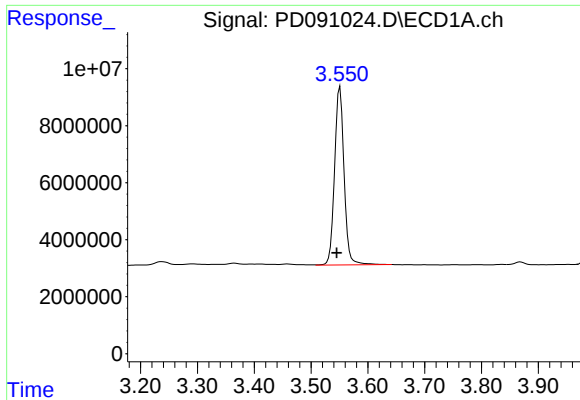
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:45:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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Volume 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





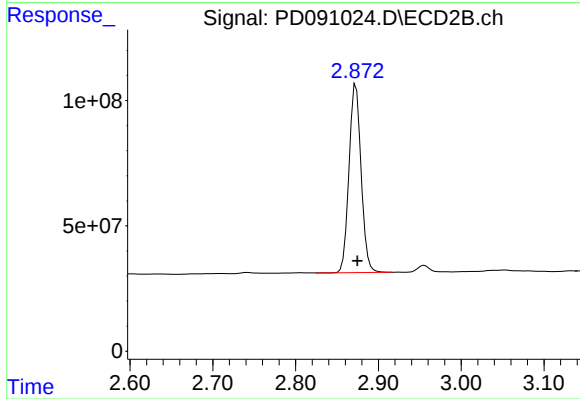
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 72781730
Conc: 23.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

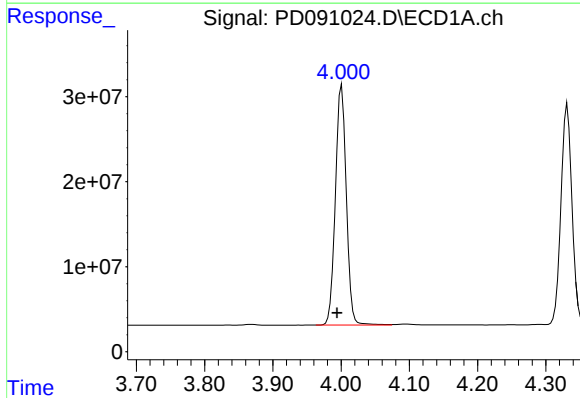
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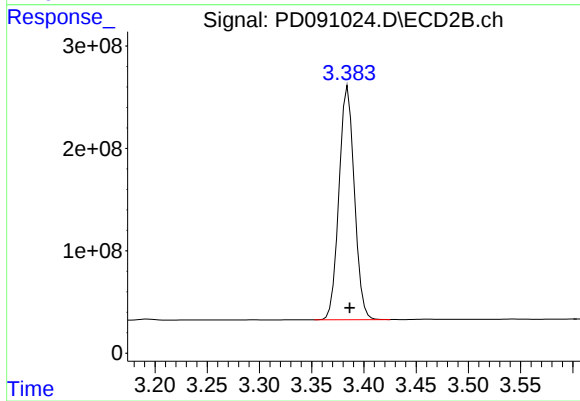
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 762669536
Conc: 25.61 ng/ml



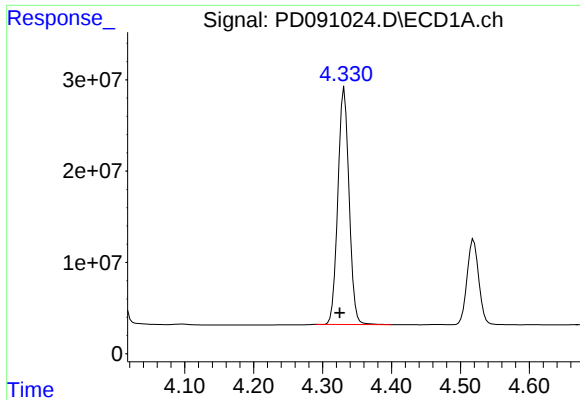
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.007 min
Response: 313455458
Conc: 43.67 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2331227375
Conc: 45.62 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.007 min
Response: 292320391
Conc: 43.00 ng/ml

Instrument :

ECD_D

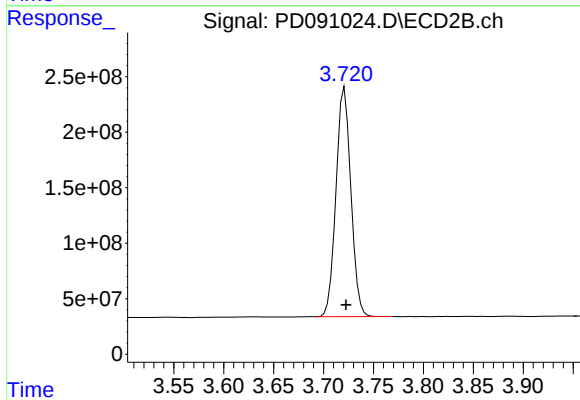
ClientSampleId :

PB170426BS

Manual Integrations

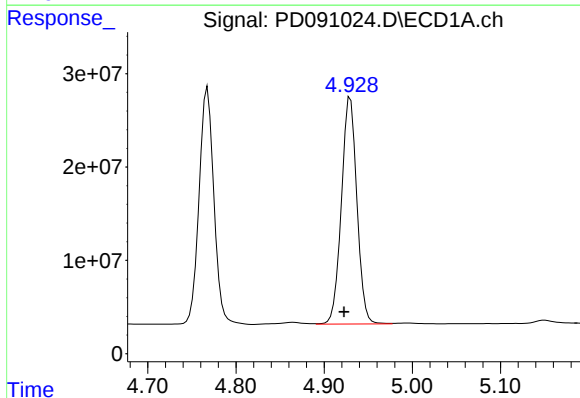
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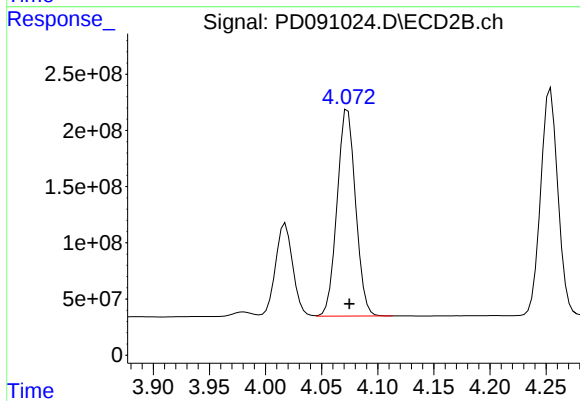
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 2144684460
Conc: 45.39 ng/ml



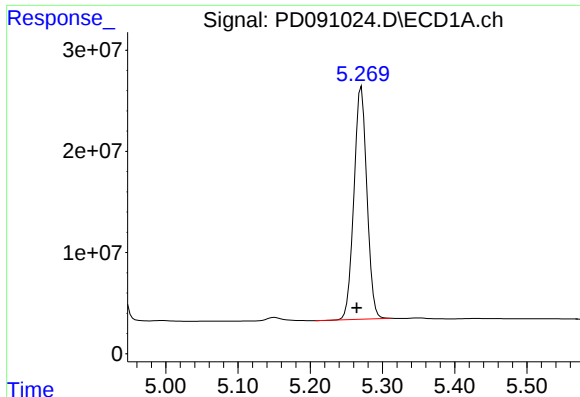
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.007 min
Response: 296786411
Conc: 53.10 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2109998155
Conc: 47.31 ng/ml



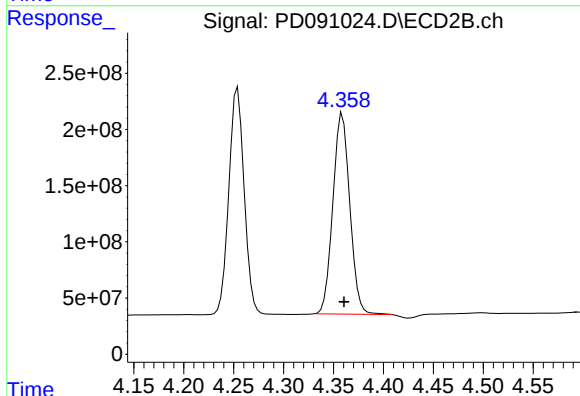
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.006 min
Response: 285845831
Conc: 43.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

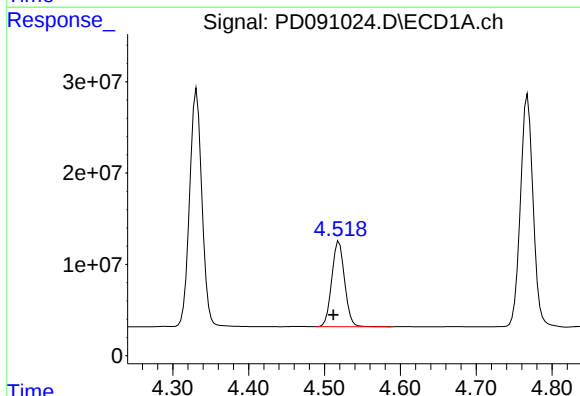
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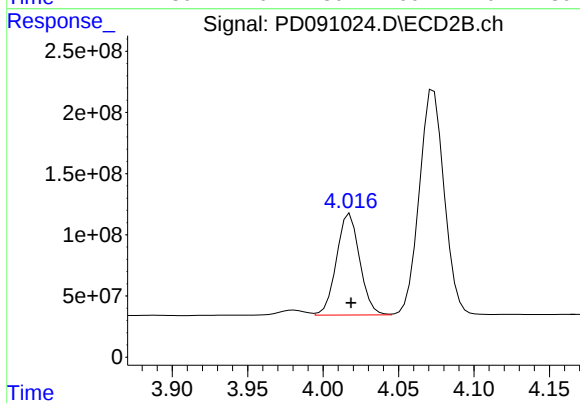
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2107932130
Conc: 45.51 ng/ml



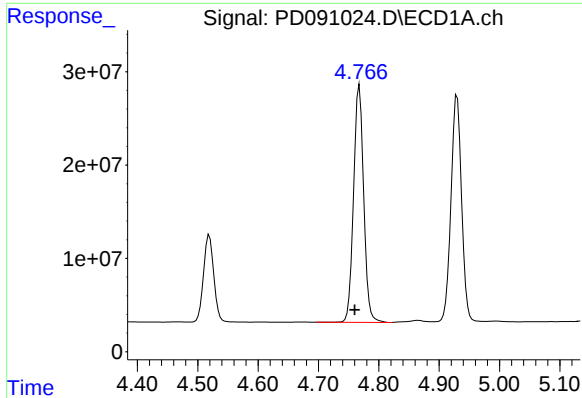
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.007 min
Response: 110096516
Conc: 42.03 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 885817965
Conc: 44.67 ng/ml



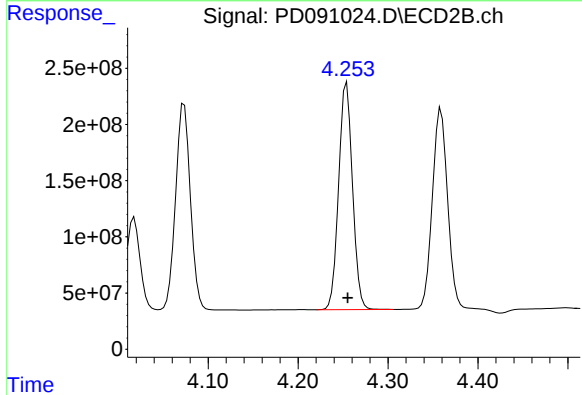
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.008 min
Response: 296030597
Conc: 43.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

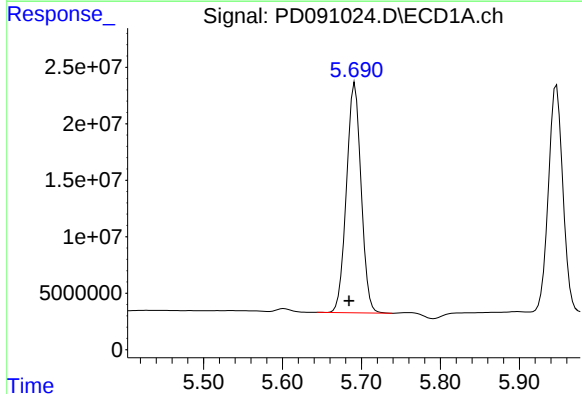
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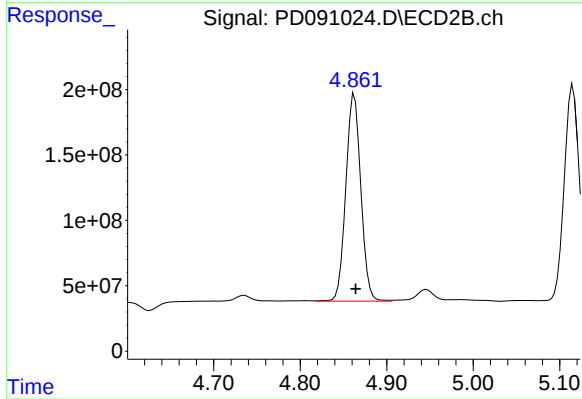
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2161746831
Conc: 45.30 ng/ml



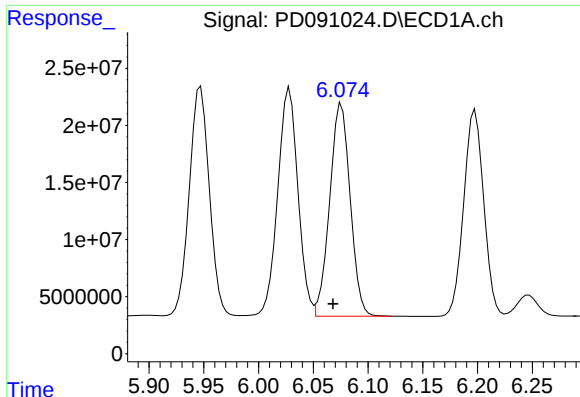
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.007 min
Response: 262547356
Conc: 45.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.002 min
Response: 1901275257
Conc: 44.59 ng/ml



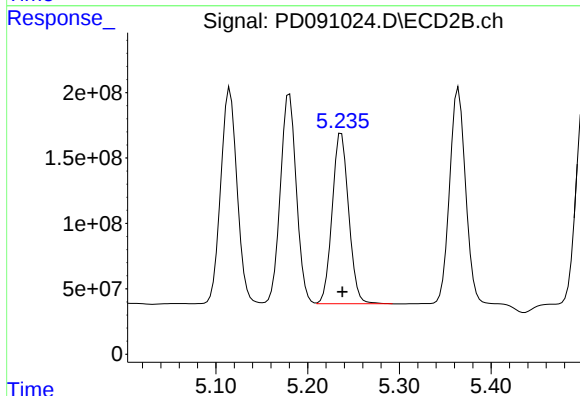
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.008 min
Response: 242607019
Conc: 43.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
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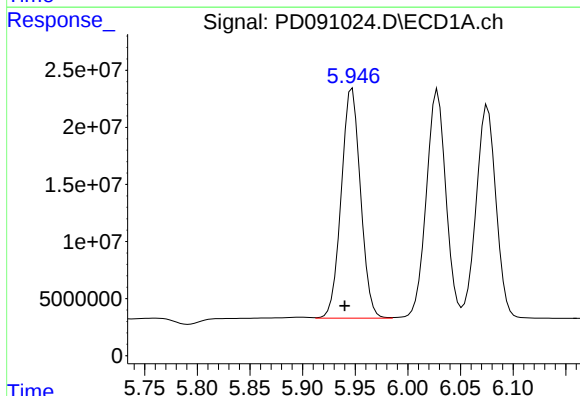
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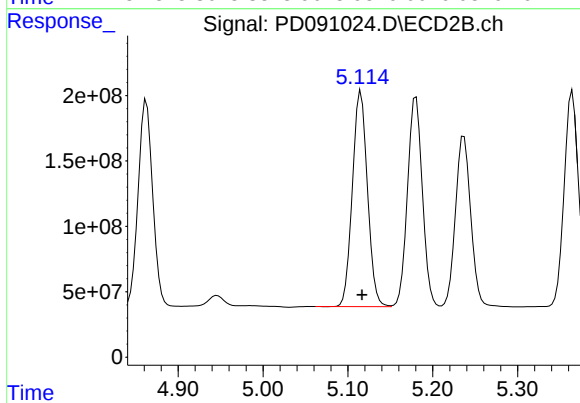
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1630117227
Conc: 41.38 ng/ml



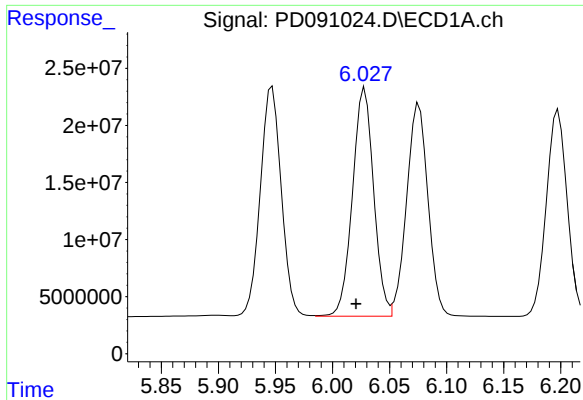
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.007 min
Response: 257448952
Conc: 43.41 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 2034578438
Conc: 45.26 ng/ml



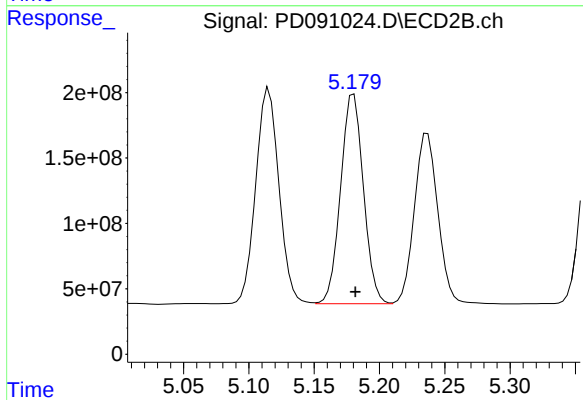
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.008 min
Response: 257953099
Conc: 41.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

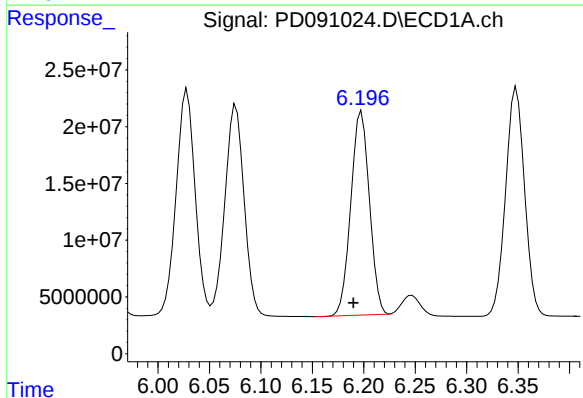
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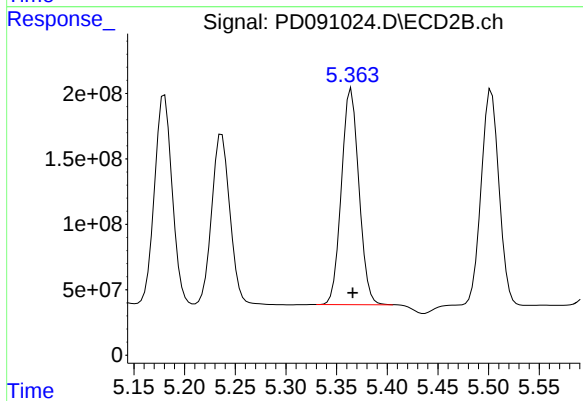
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 1947977056
Conc: 45.16 ng/ml



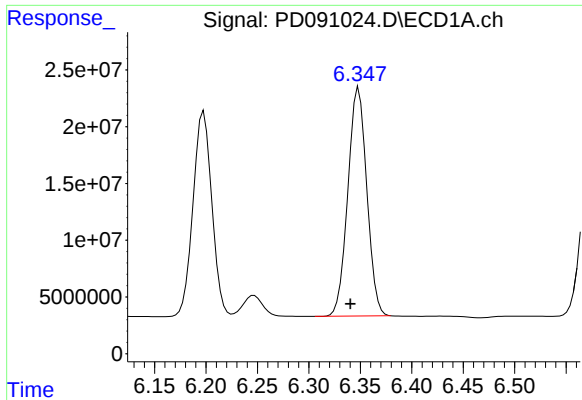
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.008 min
Response: 225569035
Conc: 42.35 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 1979929964
Conc: 45.16 ng/ml m



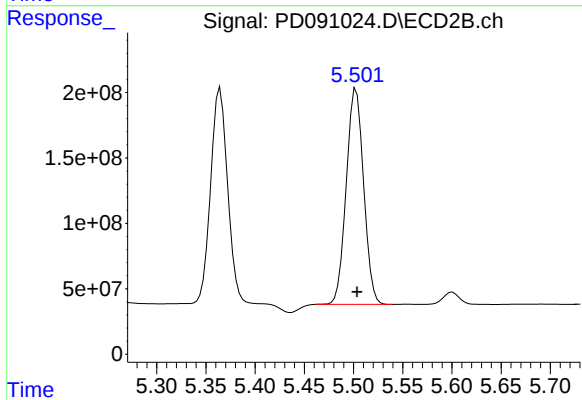
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.008 min
Response: 257919295
Conc: 44.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

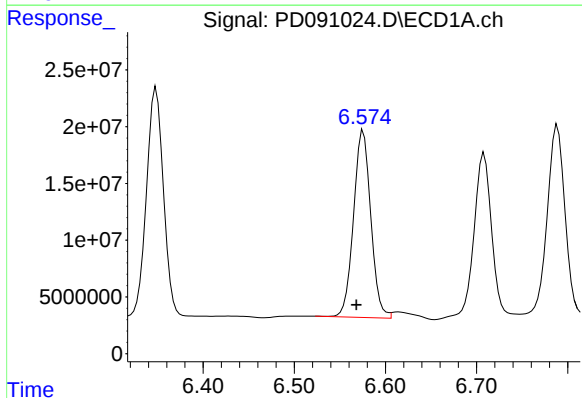
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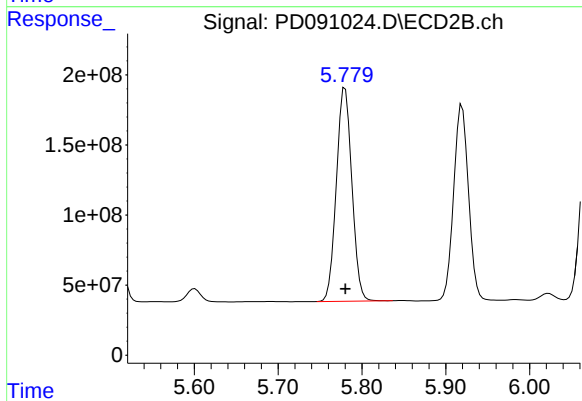
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 2026896422
Conc: 45.87 ng/ml



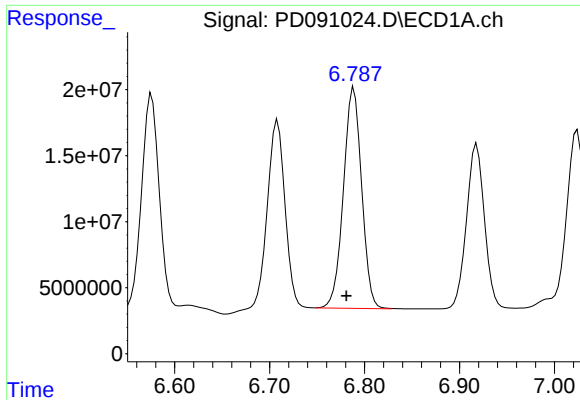
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.008 min
Response: 217171515
Conc: 43.84 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1958961654
Conc: 48.38 ng/ml



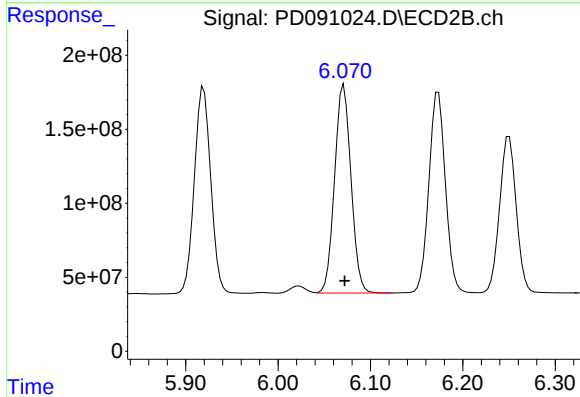
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.007 min
Response: 222879326
Conc: 44.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
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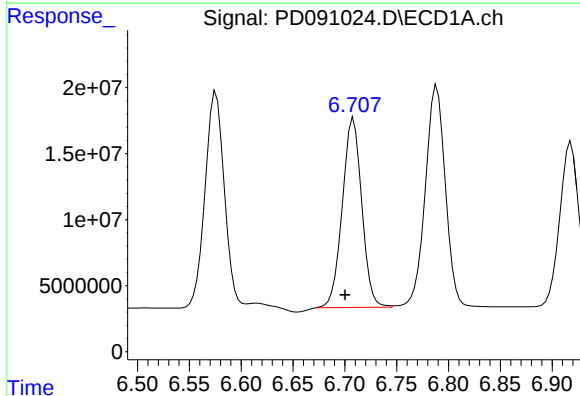
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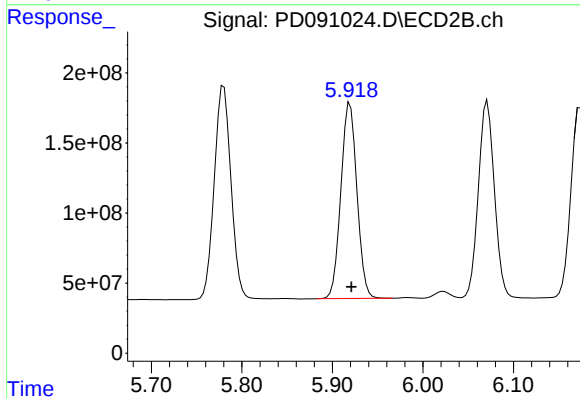
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 1738389472
Conc: 46.29 ng/ml



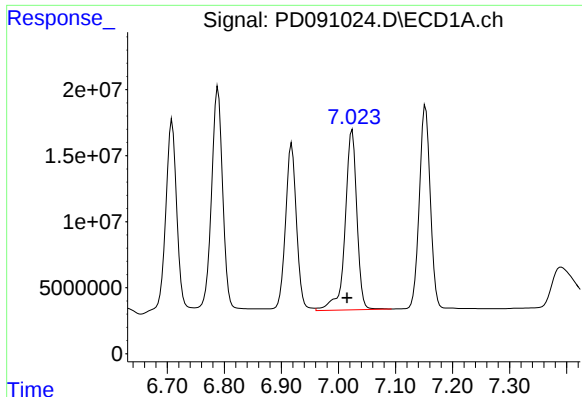
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.007 min
Response: 187194066
Conc: 46.17 ng/ml m



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.001 min
Response: 1721863713
Conc: 47.25 ng/ml



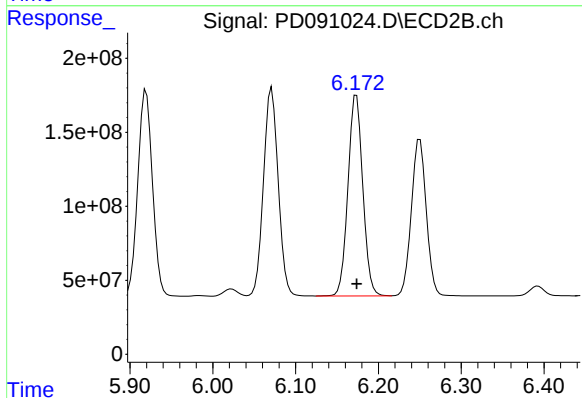
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.009 min
Response: 195877746
Conc: 47.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

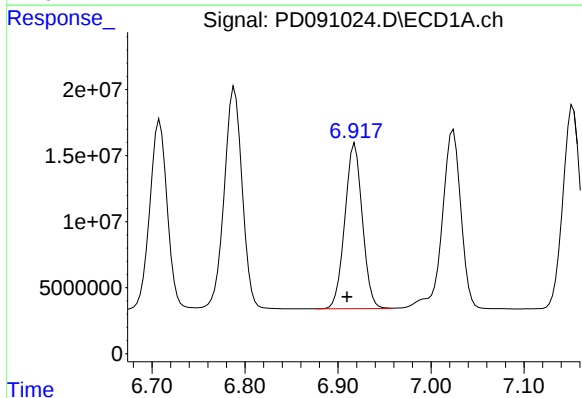
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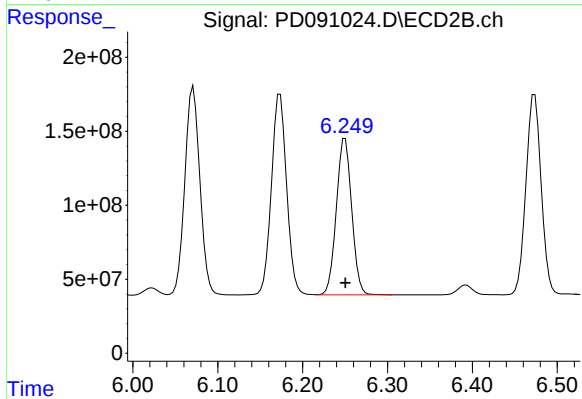
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 1692018645
Conc: 48.24 ng/ml



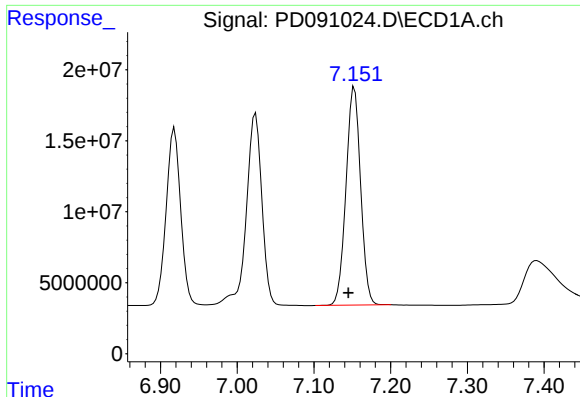
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.007 min
Response: 163624285
Conc: 44.67 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1328197986
Conc: 47.96 ng/ml



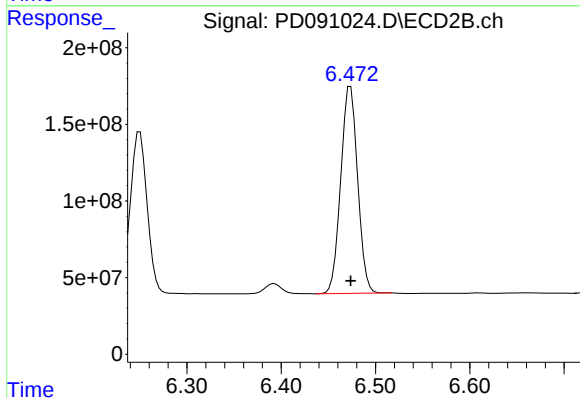
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: 0.008 min
Response: 204589103
Conc: 44.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

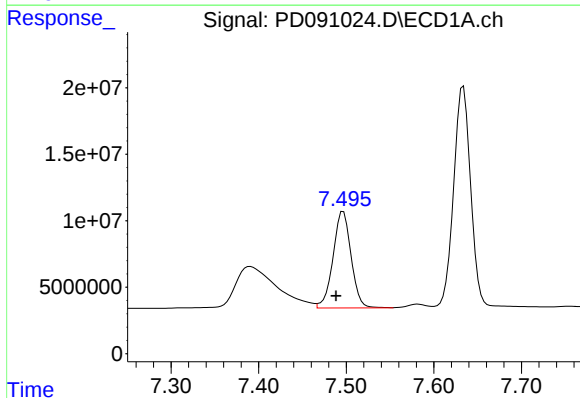
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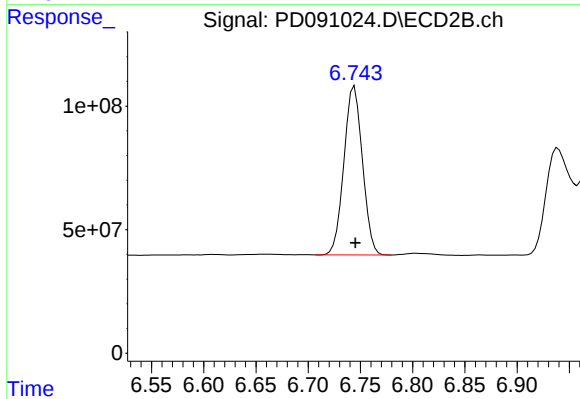
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 1682347669
Conc: 46.93 ng/ml



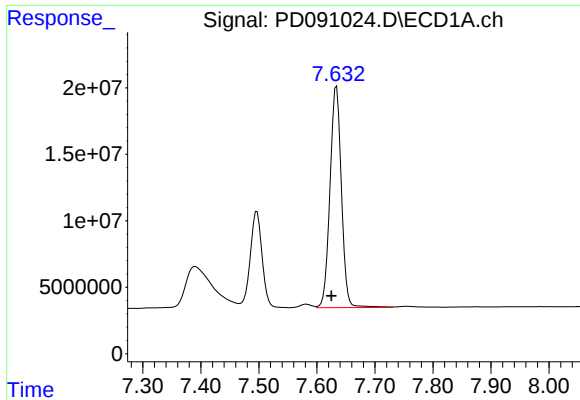
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.008 min
Response: 103935334
Conc: 48.90 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 842218868
Conc: 48.33 ng/ml



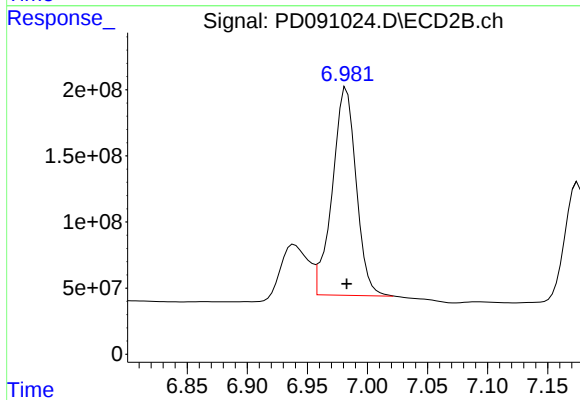
#21 Endrin ketone

R.T.: 7.634 min
Delta R.T.: 0.009 min
Response: 227639049
Conc: 46.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

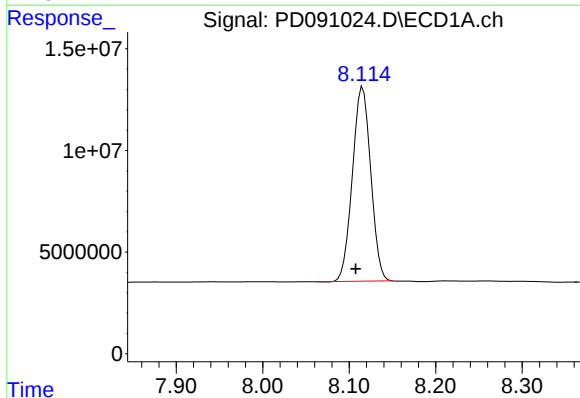
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025



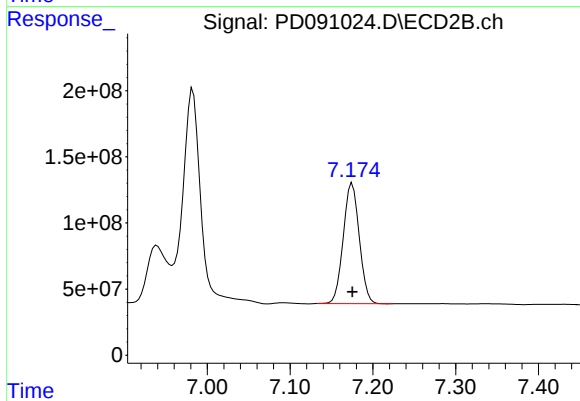
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 2153961932
Conc: 57.11 ng/ml m



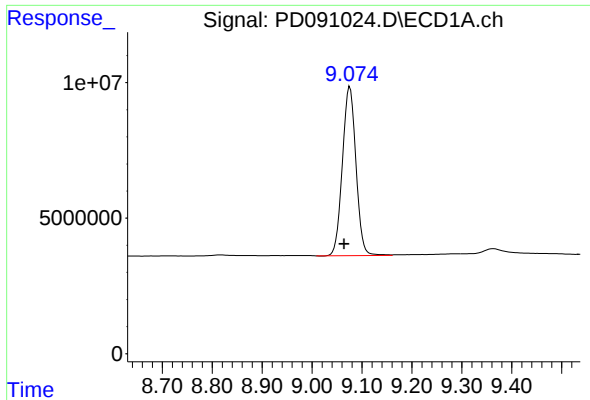
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.008 min
Response: 140724111
Conc: 43.96 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 1228011293
Conc: 47.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.011 min
Response: 117697607
Conc: 25.16 ng/ml

Instrument :

ECD_D

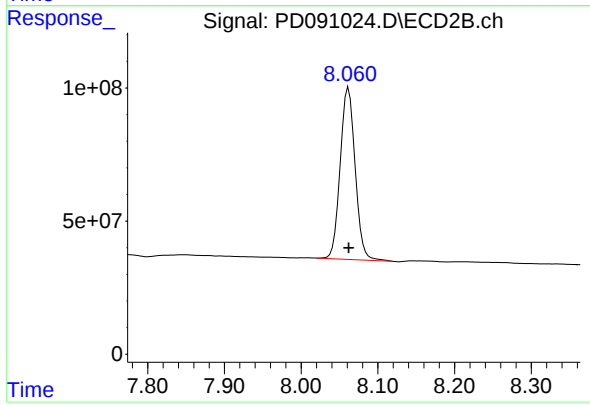
ClientSampleId :

PB170426BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 874542367
Conc: 28.87 ng/ml