

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
 Data File : PD091563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 16:59
 Operator : AR\AJ
 Sample : Q3832-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 S-3MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/12/2025
 Supervised By :Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 03:08:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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...	3.539	2.871	55022463	762.9E6	15.842m	19.361
28)	SA Decachlor...	9.064	8.058	57118396	527.5E6	10.988	12.739
Target Compounds							
2)	A alpha-BHC	3.990	3.382	392.4E6	3724.5E6	48.735	54.633
3)	MA gamma-BHC...	4.321	3.718	369.2E6	3441.3E6	49.124	61.201
4)	MA Heptachlor	4.919	4.070	361.0E6	3373.8E6	50.858	57.886
5)	MB Aldrin	5.259	4.355	357.6E6	3396.8E6	51.400m	58.579
6)	B beta-BHC	4.508	4.015	140.0E6	1428.1E6	48.496	59.606
7)	B delta-BHC	4.757	4.251	377.2E6	3490.1E6	63.061	58.278
8)	B Heptachlo...	5.681	4.859	313.8E6	2996.6E6	50.682	59.225
9)	A Endosulfan I	6.064	5.234	300.1E6	2835.7E6	49.117	57.884
10)	B gamma-Chl...	5.936	5.110	314.2E6	3367.8E6	49.273	60.332m
11)	B alpha-Chl...	6.017	5.177	316.1E6	3151.2E6	47.061	58.844 #
12)	B 4,4'-DDE	6.187	5.361	285.1E6	3177.4E6	49.082	57.974
13)	MA Dieldrin	6.337	5.499	314.9E6	3218.8E6	48.399	58.033
14)	MA Endrin	6.565	5.776	271.4E6	2892.4E6	48.385	55.327
15)	B Endosulfa...	6.778	6.067	257.9E6	2740.2E6	42.409	58.161 #
16)	A 4,4'-DDD	6.697	5.916	227.9E6	2544.4E6	49.507	55.937
17)	MA 4,4'-DDT	7.013	6.169	239.5E6	2789.1E6	46.443	58.843 #
18)	B Endrin al...	6.907	6.246	206.9E6	2108.8E6	49.532	59.085
19)	B Endosulfa...	7.142	6.470	248.4E6	2680.2E6	47.054	58.146
20)	A Methoxychlor	7.487	6.741	125.4E6	1369.9E6	46.635	58.053
21)	B Endrin ke...	7.623	6.979	272.0E6	2917.6E6	48.274	59.980
22)	Mirex	8.105	7.171	155.6E6	1800.3E6	41.877	54.929 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
Data File : PD091563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2025 16:59
Operator : AR\AJ
Sample : Q3832-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

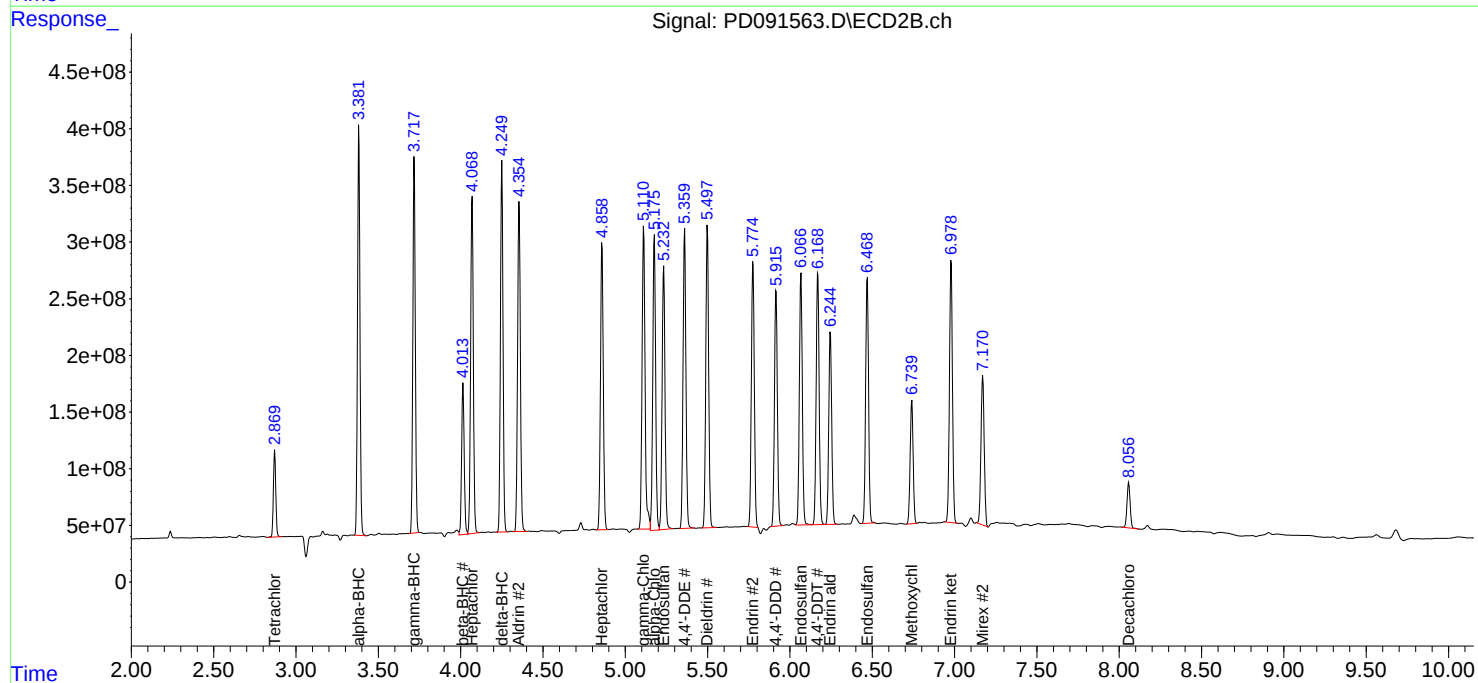
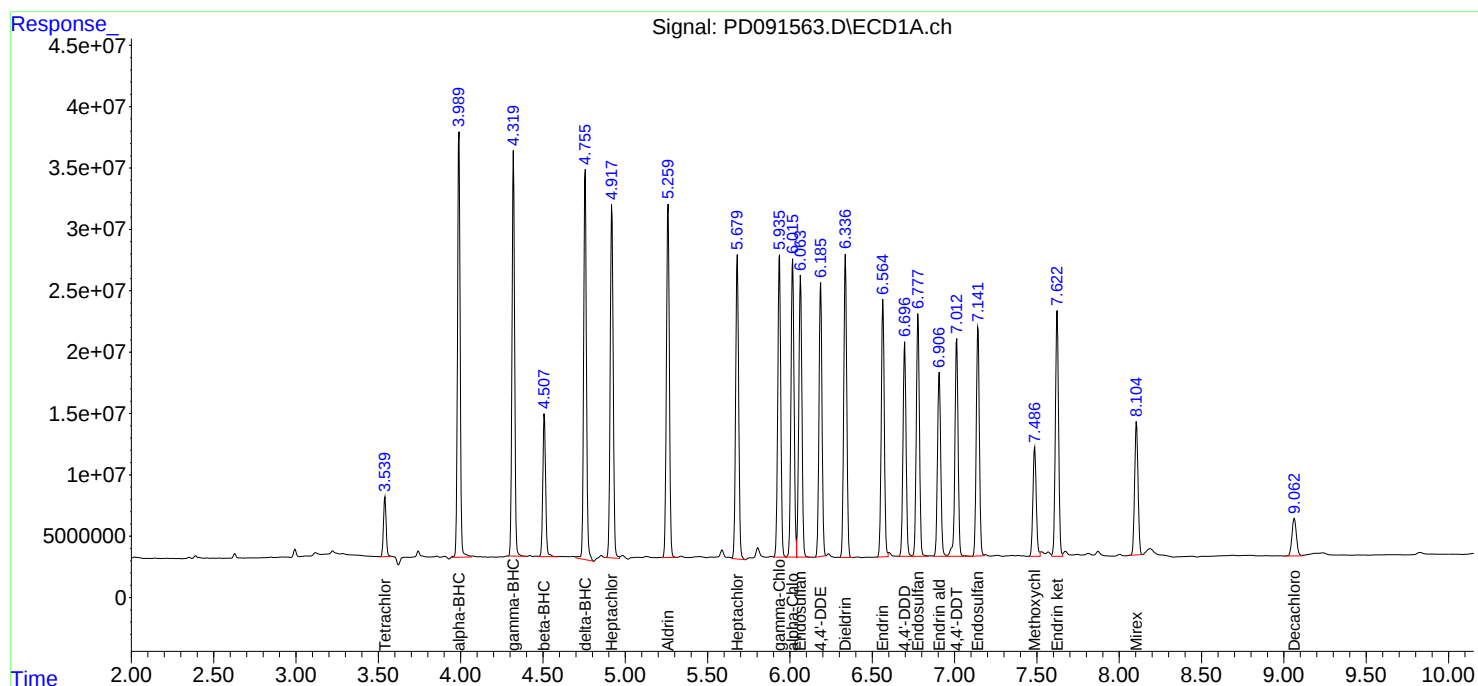
Instrument :
ECD_D
ClientSampleId :
S-3MS

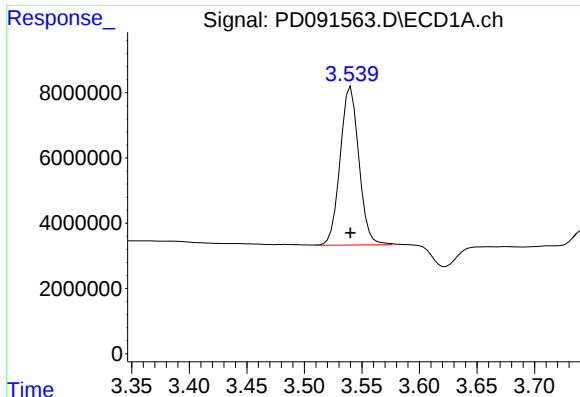
Manual Integrations
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Supervised By :Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 03:08:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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





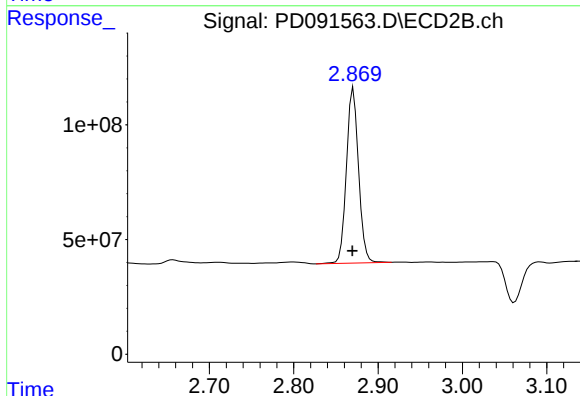
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 55022463
Conc: 15.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
S-3MS

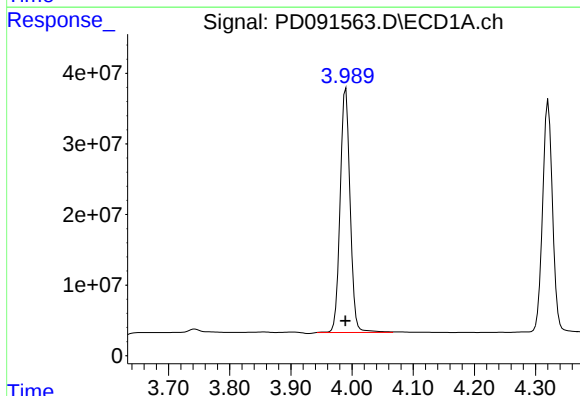
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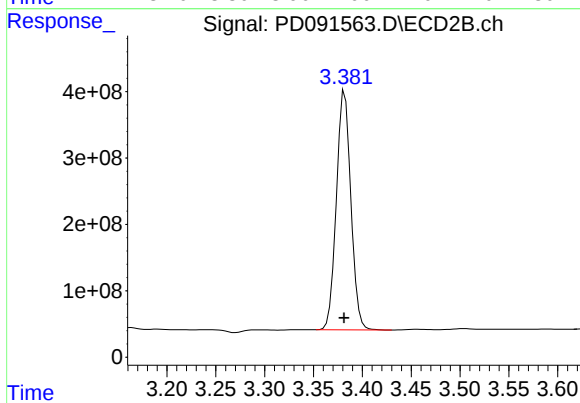
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: 0.001 min
Response: 762884538
Conc: 19.36 ng/ml



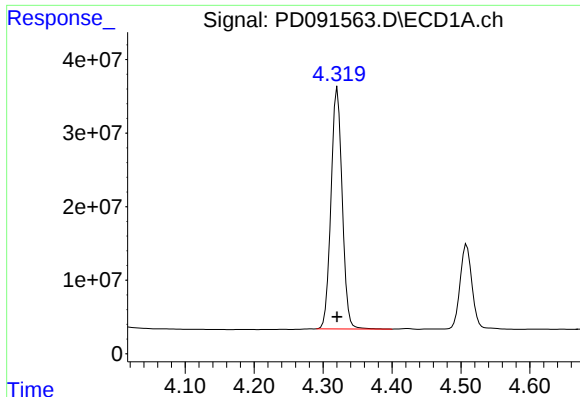
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 392364452
Conc: 48.74 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 3724535663
Conc: 54.63 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 369201646
Conc: 49.12 ng/ml

Instrument :

ECD_D

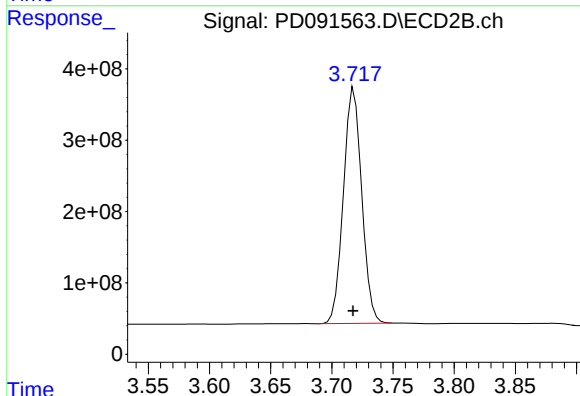
ClientSampleId :

S-3MS

Manual Integrations

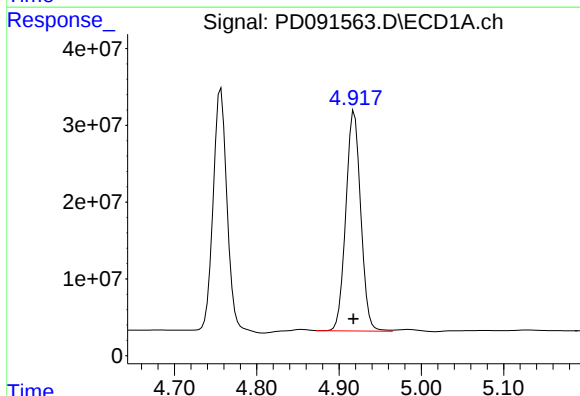
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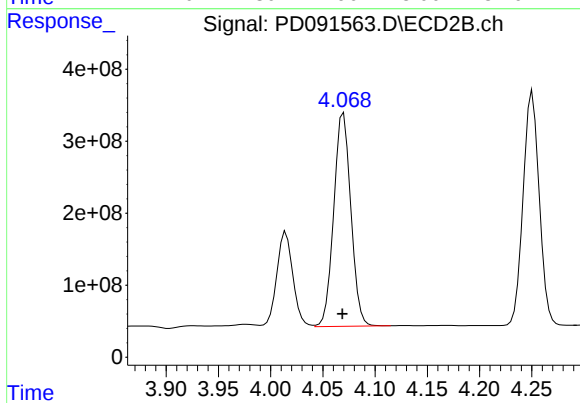
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 3441288371
Conc: 61.20 ng/ml



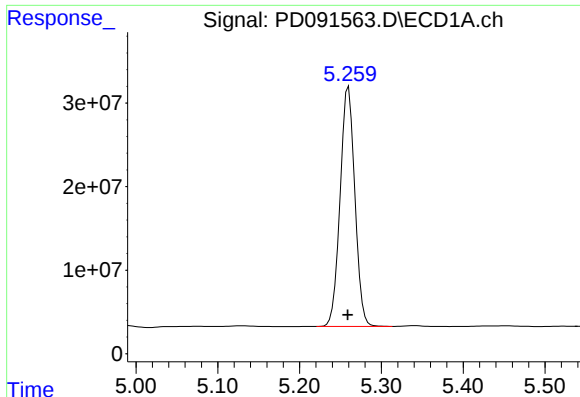
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 361037348
Conc: 50.86 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: 0.001 min
Response: 3373791781
Conc: 57.89 ng/ml



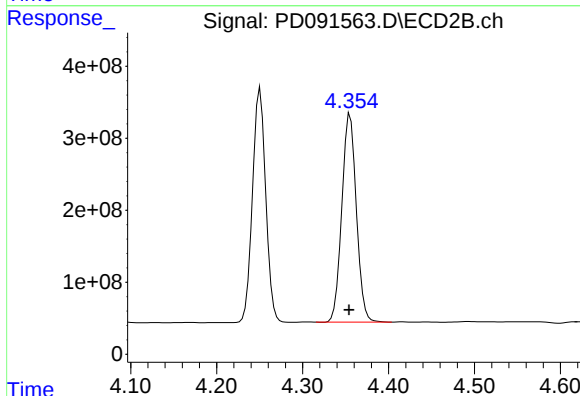
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 357634197
Conc: 51.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
S-3MS

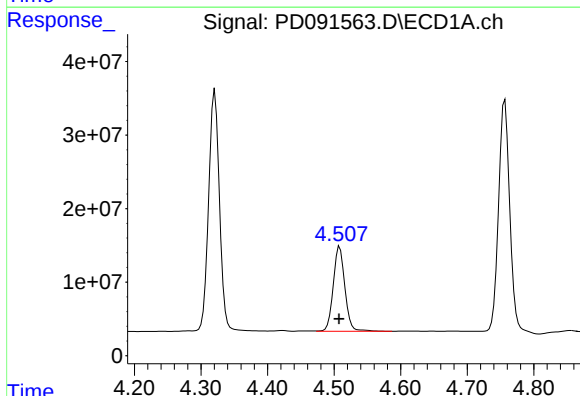
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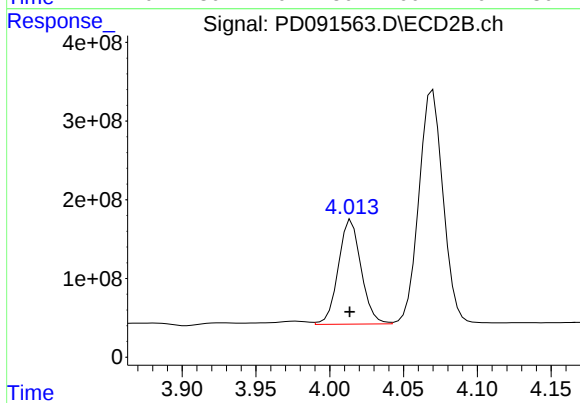
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: 0.001 min
Response: 3396760522
Conc: 58.58 ng/ml



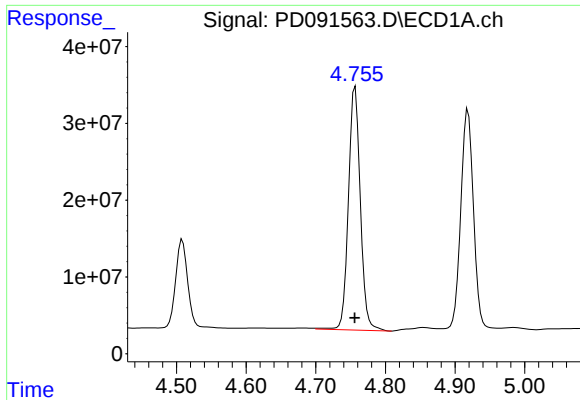
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 140012251
Conc: 48.50 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: 0.001 min
Response: 1428109541
Conc: 59.61 ng/ml



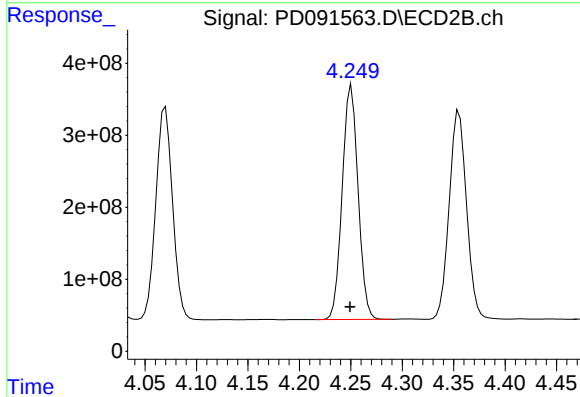
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 377249239
Conc: 63.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
S-3MS

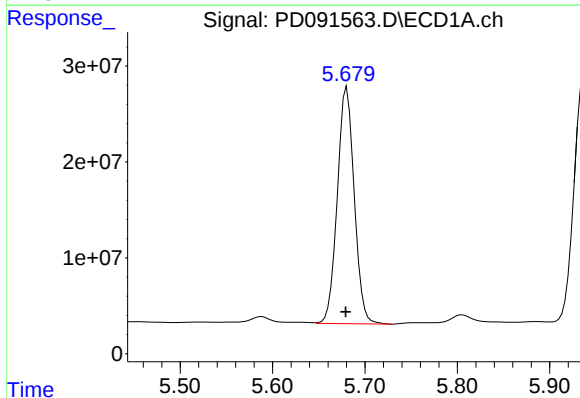
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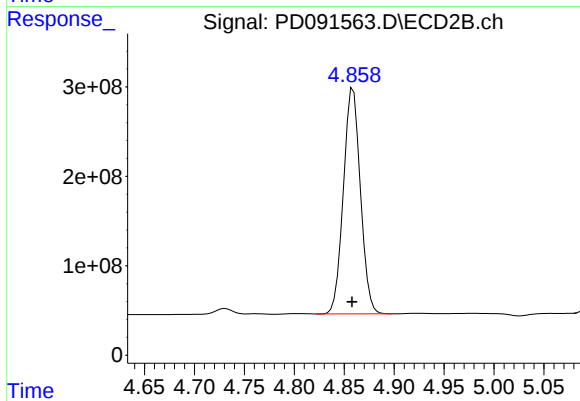
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: 0.001 min
Response: 3490080925
Conc: 58.28 ng/ml



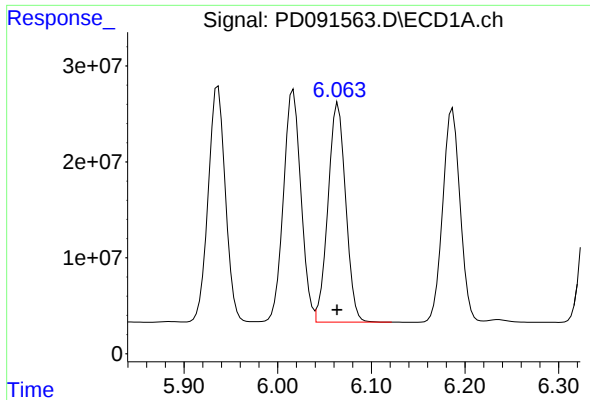
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.001 min
Response: 313839886
Conc: 50.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: 0.001 min
Response: 2996592575
Conc: 59.22 ng/ml



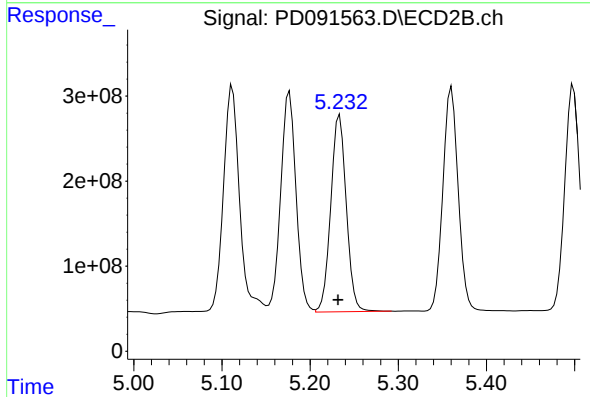
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: 0.001 min
Response: 300095603
Conc: 49.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
S-3MS

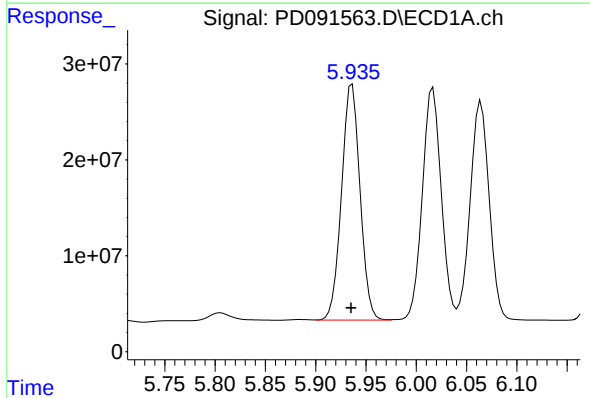
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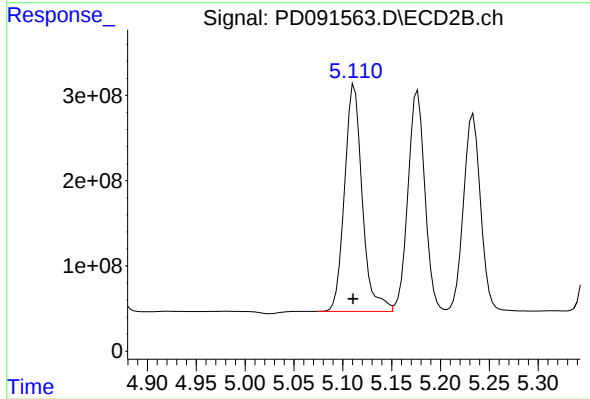
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 2835662899
Conc: 57.88 ng/ml



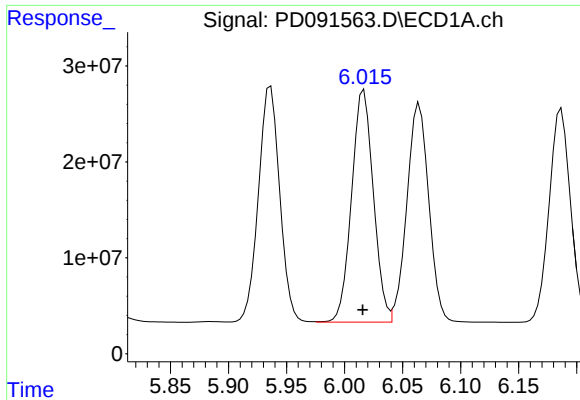
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: 0.001 min
Response: 314214326
Conc: 49.27 ng/ml



#10 gamma-Chlordane

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 3367783513
Conc: 60.33 ng/ml m



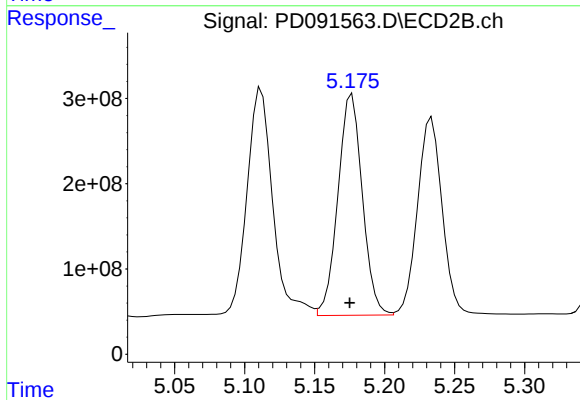
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 316067956
Conc: 47.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
S-3MS

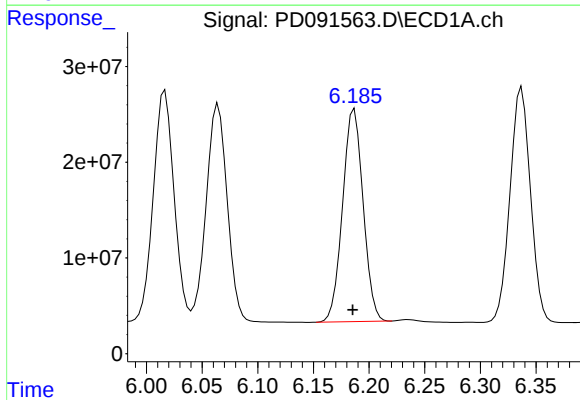
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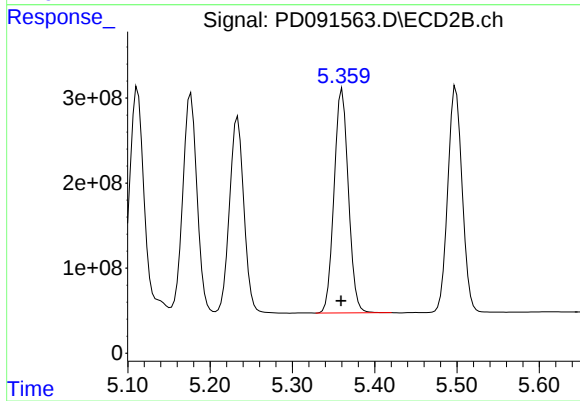
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: 0.002 min
Response: 3151172489
Conc: 58.84 ng/ml



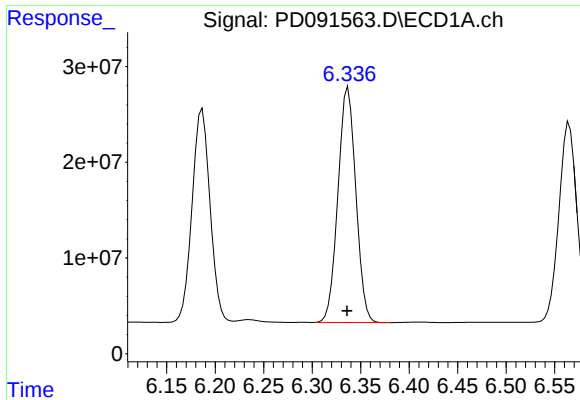
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: 0.002 min
Response: 285137297
Conc: 49.08 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: 0.001 min
Response: 3177406140
Conc: 57.97 ng/ml



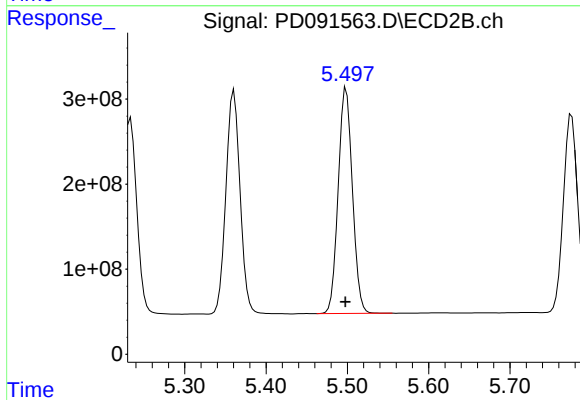
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: 0.001 min
Response: 314919158
Conc: 48.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
S-3MS

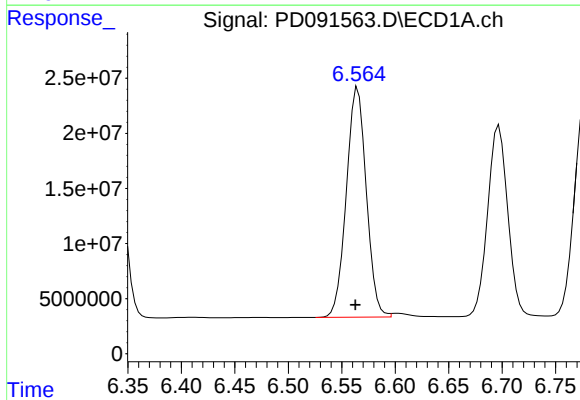
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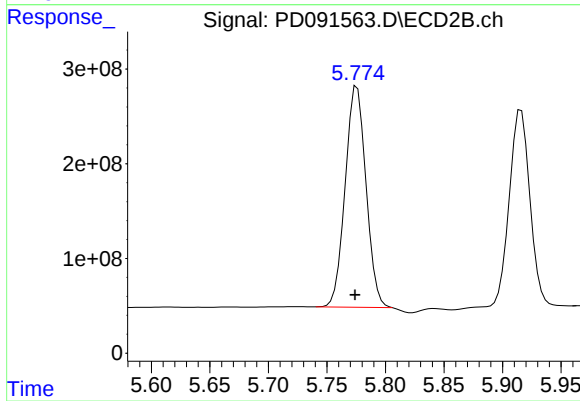
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: 0.001 min
Response: 3218768329
Conc: 58.03 ng/ml



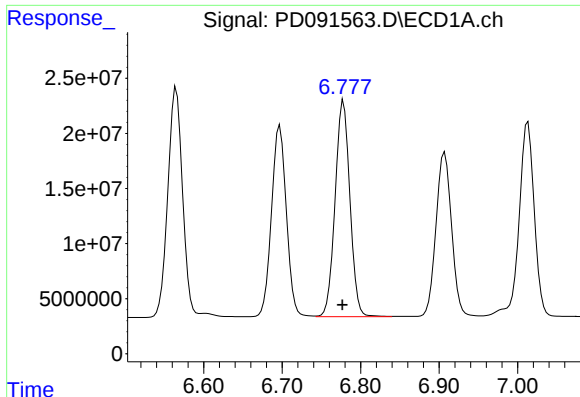
#14 Endrin

R.T.: 6.565 min
Delta R.T.: 0.002 min
Response: 271354290
Conc: 48.39 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 2892377428
Conc: 55.33 ng/ml



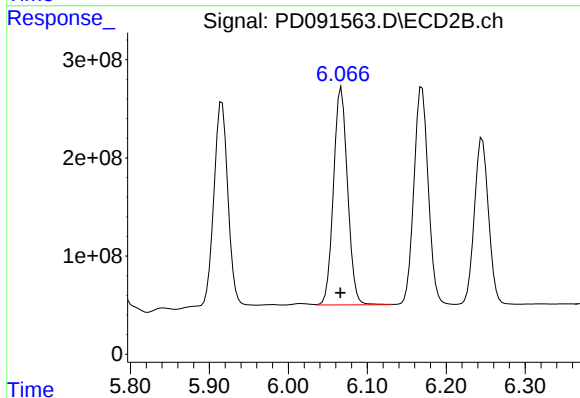
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: 0.002 min
Response: 257877546
Conc: 42.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
S-3MS

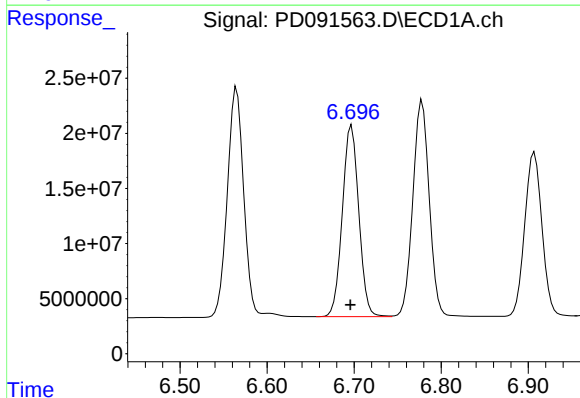
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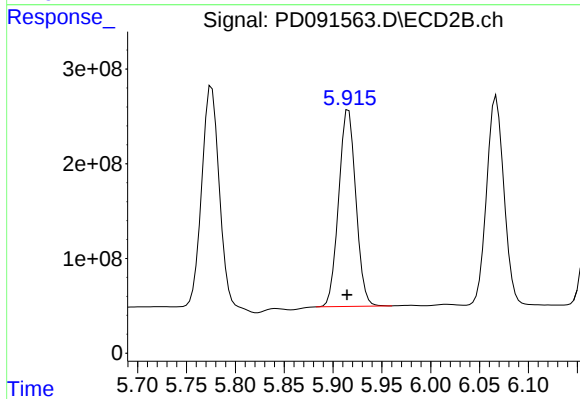
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: 0.001 min
Response: 2740211473
Conc: 58.16 ng/ml



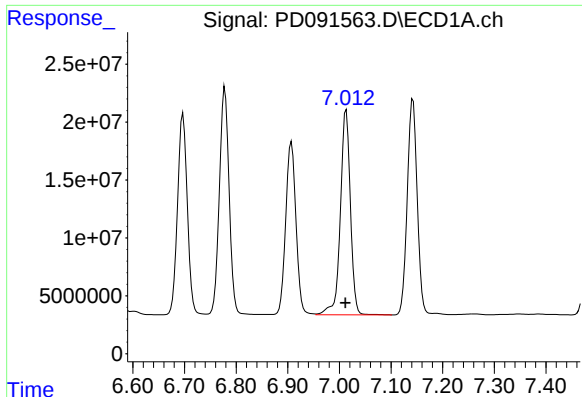
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: 0.001 min
Response: 227871057
Conc: 49.51 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: 0.002 min
Response: 2544439098
Conc: 55.94 ng/ml



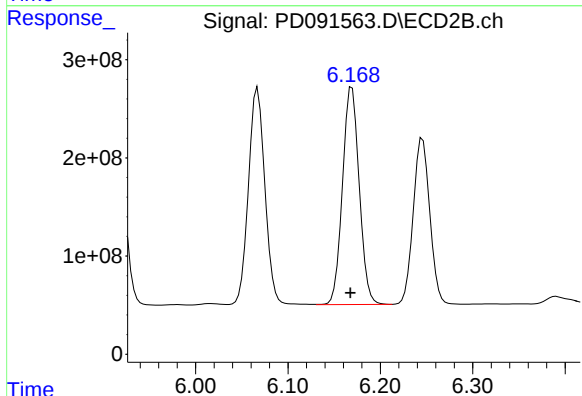
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: 0.002 min
Response: 239481327
Conc: 46.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
S-3MS

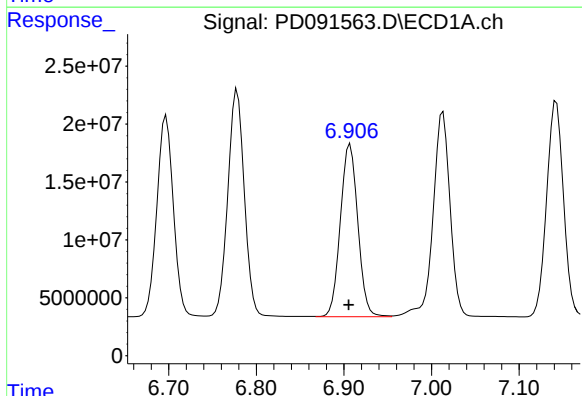
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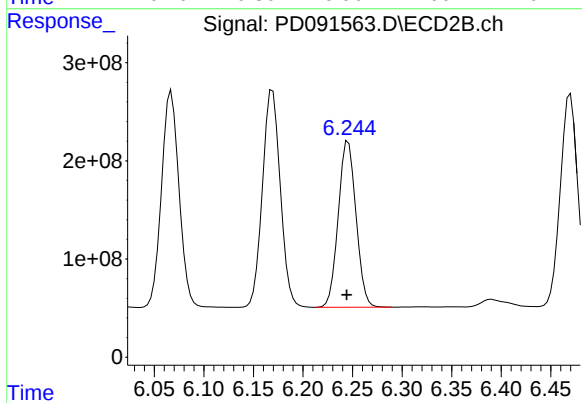
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: 0.002 min
Response: 2789069550
Conc: 58.84 ng/ml



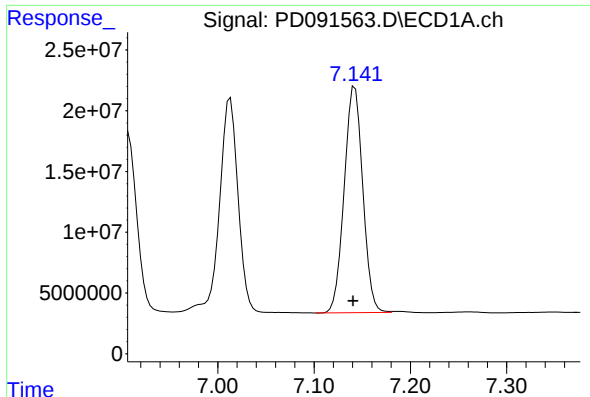
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: 0.002 min
Response: 206914582
Conc: 49.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: 0.002 min
Response: 2108818180
Conc: 59.09 ng/ml



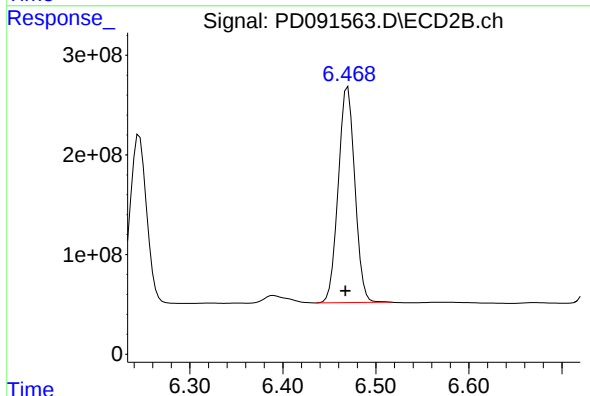
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: 0.002 min
Response: 248411018
Conc: 47.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
S-3MS

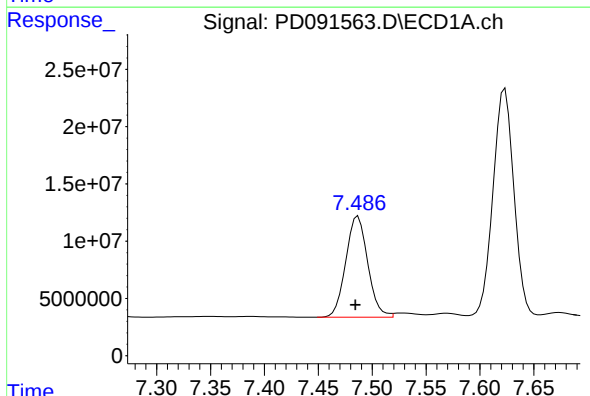
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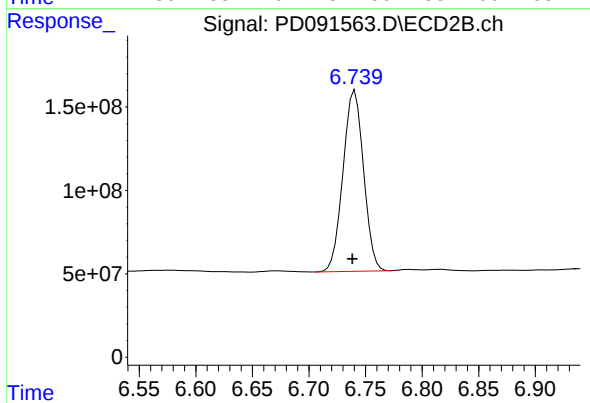
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 2680163247
Conc: 58.15 ng/ml



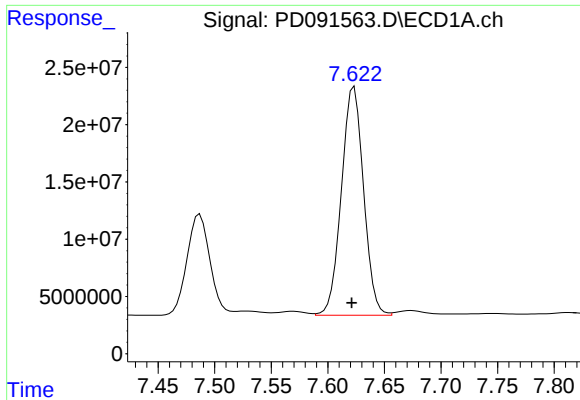
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.002 min
Response: 125354901
Conc: 46.64 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 1369927685
Conc: 58.05 ng/ml



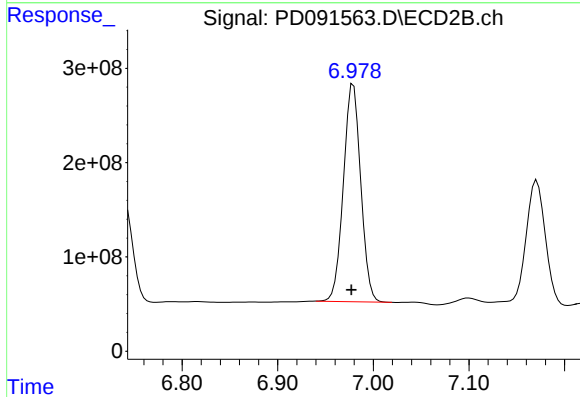
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.002 min
Response: 271972178
Conc: 48.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
S-3MS

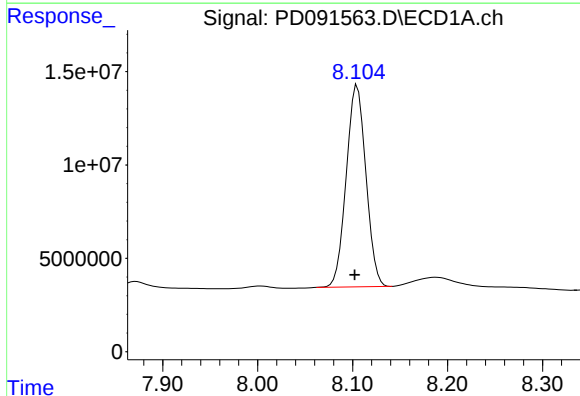
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2025
Supervised By :Yogesh Patel 12/12/2025



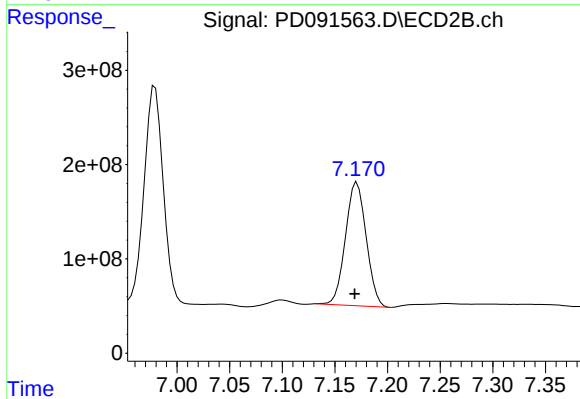
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.002 min
Response: 2917598263
Conc: 59.98 ng/ml



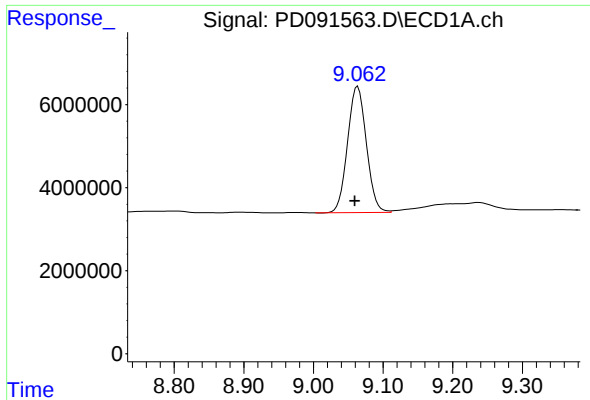
#22 Mirex

R.T.: 8.105 min
Delta R.T.: 0.003 min
Response: 155594348
Conc: 41.88 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: 0.002 min
Response: 1800303131
Conc: 54.93 ng/ml



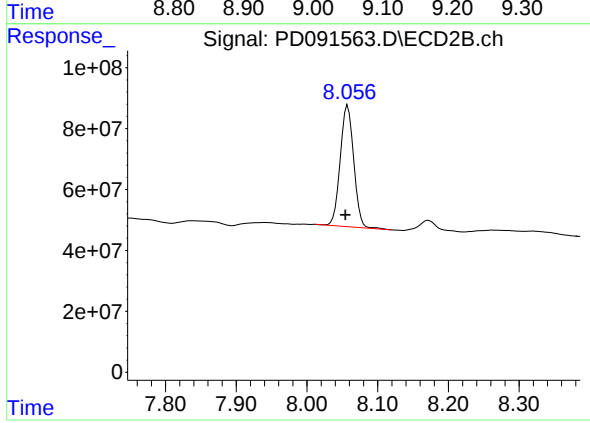
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.004 min
Response: 57118396
Conc: 10.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
S-3MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2025
Supervised By :Yogesh Patel 12/12/2025



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.003 min
Response: 527519028
Conc: 12.74 ng/ml