

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
 Data File : PD090941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 10:58
 Operator : AR\AJ
 Sample : Q3519-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-01-103125MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/05/2025
 Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:30:09 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...	3.543	2.874	33103569	357.8E6	10.630m	12.015
2)	SA Decachlor...	9.066	8.058	59197290	257.3E6	12.655	8.494 #
Target Compounds							
2)	A alpha-BHC	3.994	3.385	288.6E6	1754.1E6	40.210	34.330
3)	MA gamma-BHC...	4.323	3.722	269.5E6	1755.0E6	39.632m	37.145
4)	MA Heptachlor	4.922	4.073	277.9E6	1749.6E6	49.712	39.226
5)	MB Aldrin	5.263	4.359	254.4E6	1701.2E6	38.856	36.728
6)	B beta-BHC	4.512	4.017	101.3E6	743.7E6	38.667	37.504
7)	B delta-BHC	4.760	4.254	276.0E6	1751.6E6	40.811	36.709
8)	B Heptachlo...	5.683	4.862	228.6E6	1538.2E6	39.483	36.076
9)	A Endosulfan I	6.067	5.237	216.5E6	1369.7E6	39.102	34.773
10)	B gamma-Chl...	5.939	5.115	217.3E6	1618.0E6	36.642	35.996
11)	B alpha-Chl...	6.020	5.179	229.5E6	1528.1E6	37.140	35.425
12)	B 4,4'-DDE	6.189	5.362	188.4E6	1500.6E6	35.361	34.230m
13)	MA Dieldrin	6.340	5.500	224.2E6	1585.5E6	38.455	35.884m
14)	MA Endrin	6.568	5.778	197.1E6	1377.5E6	39.789	34.018
15)	B Endosulfa...	6.780	6.070	186.2E6	1224.3E6	37.234	32.599
16)	A 4,4'-DDD	6.699	5.919	158.1E6	1083.7E6	38.984	29.742
17)	MA 4,4'-DDT	7.015	6.171	173.9E6	1175.0E6	42.294	33.502
18)	B Endrin al...	6.909	6.248	142.1E6	886.1E6	38.792	31.998
19)	B Endosulfa...	7.144	6.472	173.6E6	1101.8E6	37.430	30.738
20)	A Methoxychlor	7.488	6.742	91401450	494.1E6	43.001	28.352 #
21)	B Endrin ke...	7.623	6.981	181.0E6	1025.2E6	37.246m	27.181 #
22)	Mirex	8.105	7.173	130.3E6	650.3E6	40.715m	25.311 #

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

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Instrument :

ECD_D

ClientSampleId :

PL-01-103125MS

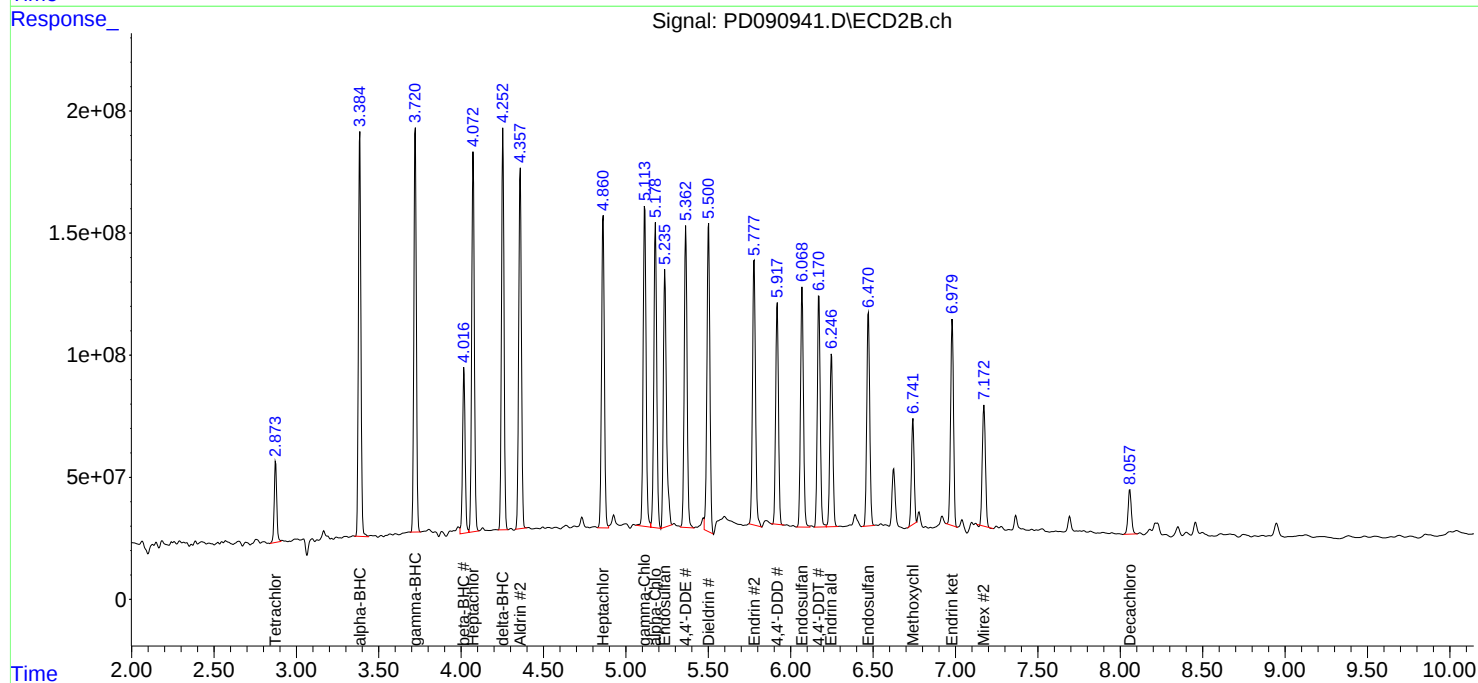
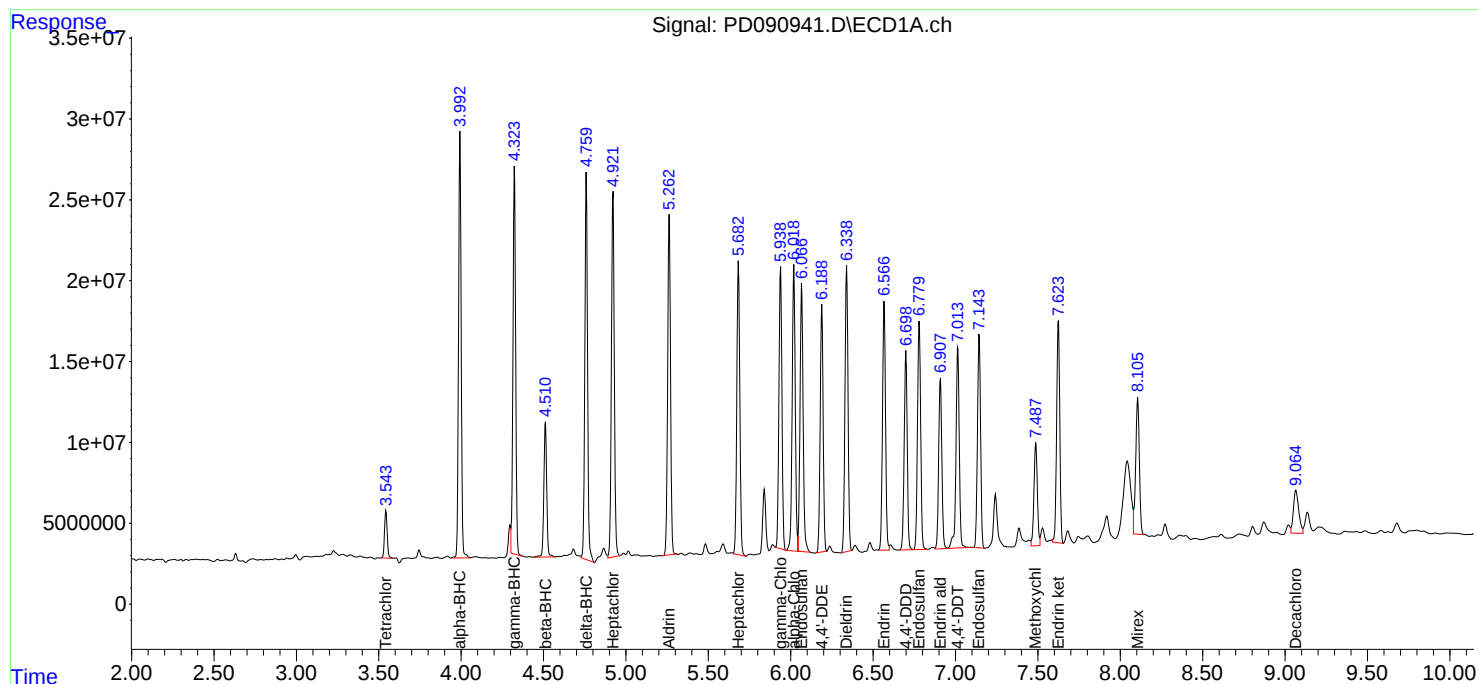
Manual Integrations

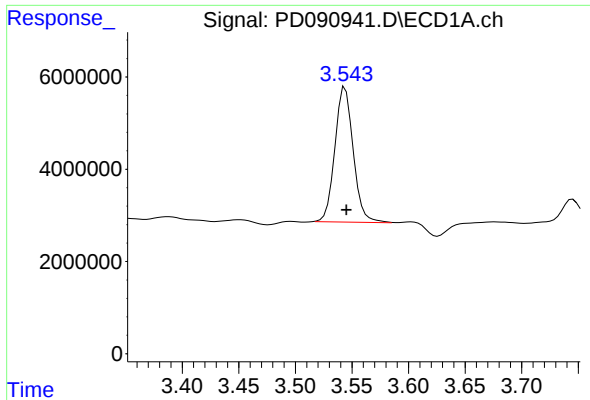
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Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:30:09 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
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





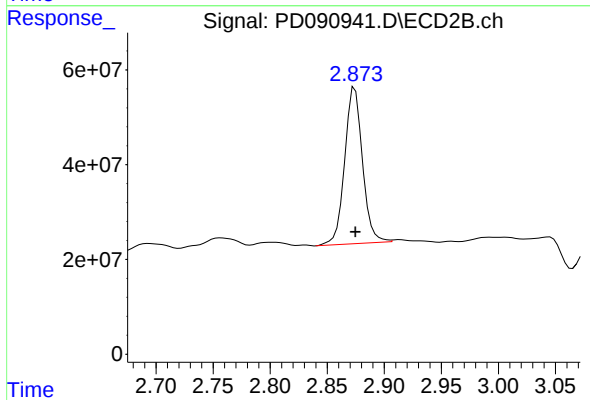
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 33103569
Conc: 10.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-103125MS

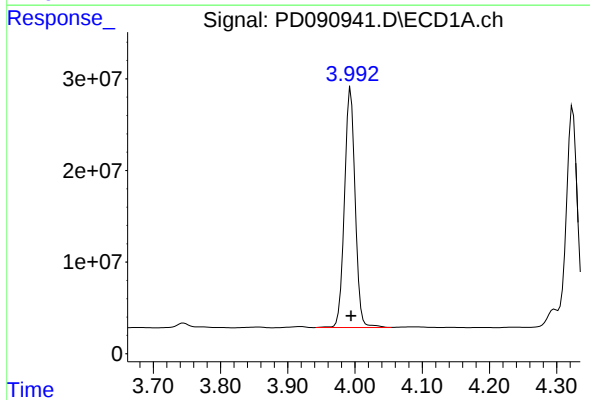
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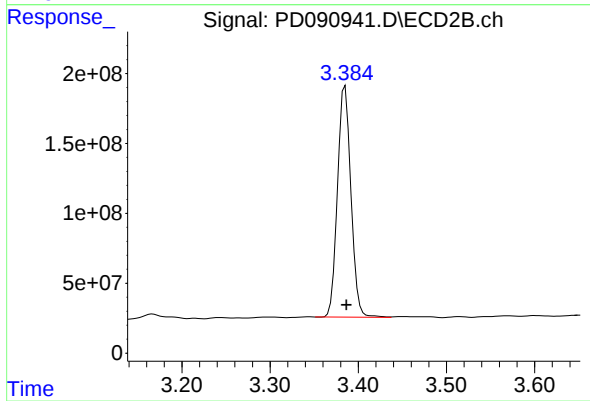
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 357785331
Conc: 12.02 ng/ml



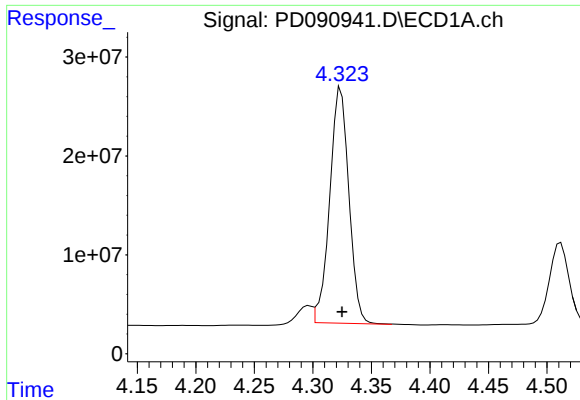
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 288594473
Conc: 40.21 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 1754137388
Conc: 34.33 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 269452234
Conc: 39.63 ng/ml

Instrument :

ECD_D

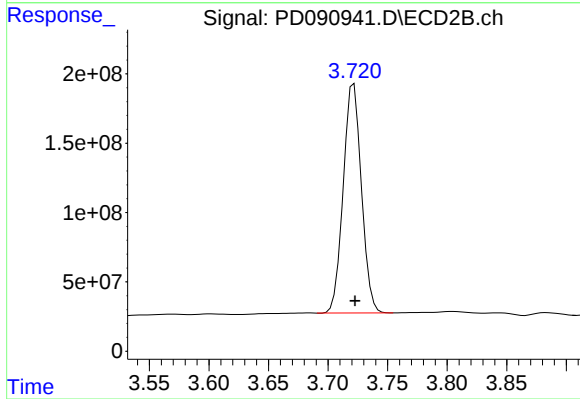
ClientSampleId :

PL-01-103125MS

Manual Integrations

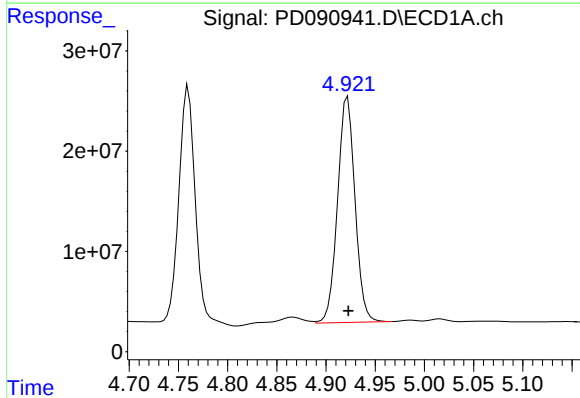
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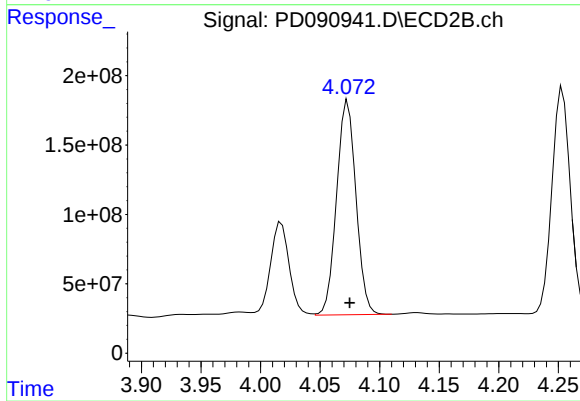
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 1755037761
Conc: 37.14 ng/ml



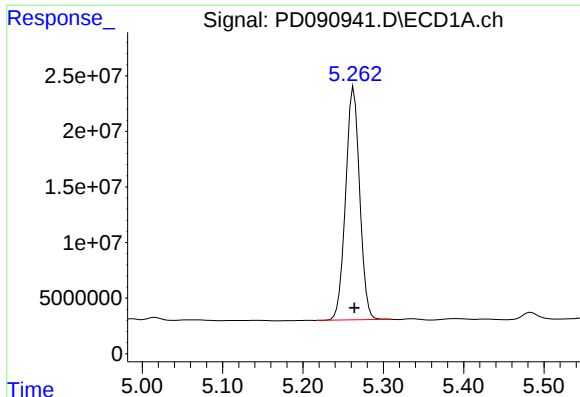
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 277870286
Conc: 49.71 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 1749607628
Conc: 39.23 ng/ml



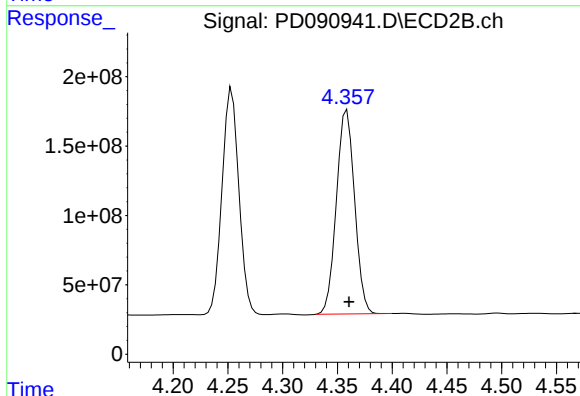
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 254398133
Conc: 38.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-103125MS

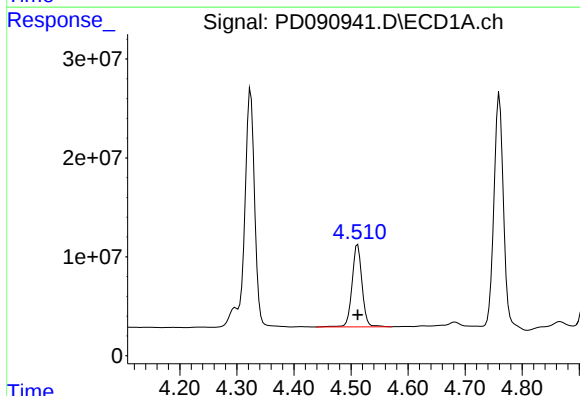
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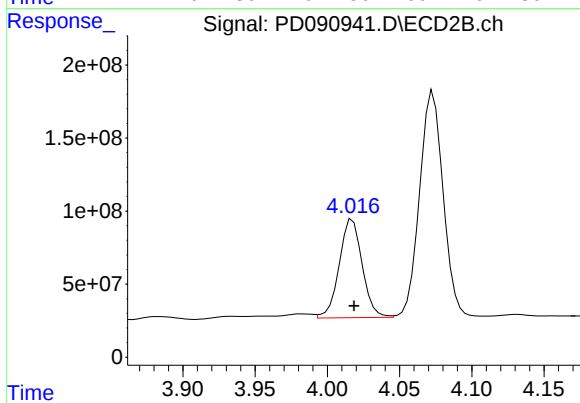
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 1701220006
Conc: 36.73 ng/ml



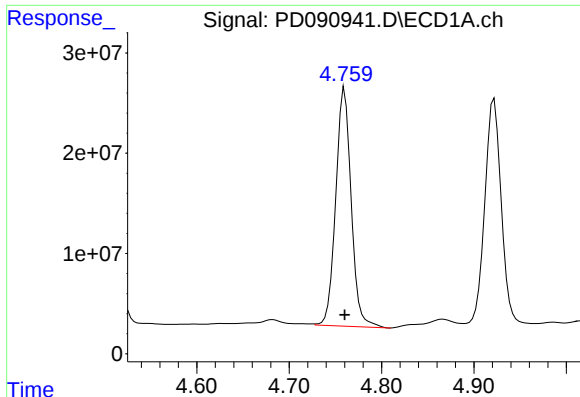
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 101294165
Conc: 38.67 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 743680307
Conc: 37.50 ng/ml



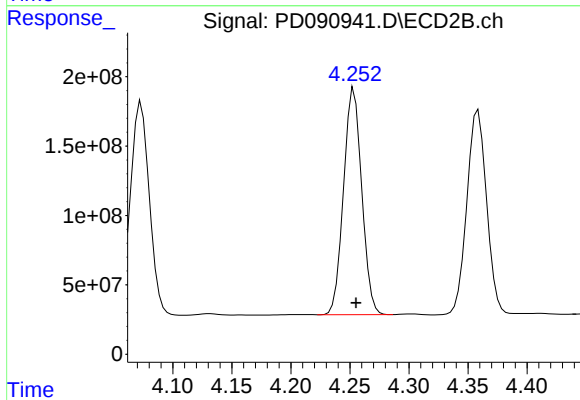
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 275953146
Conc: 40.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-103125MS

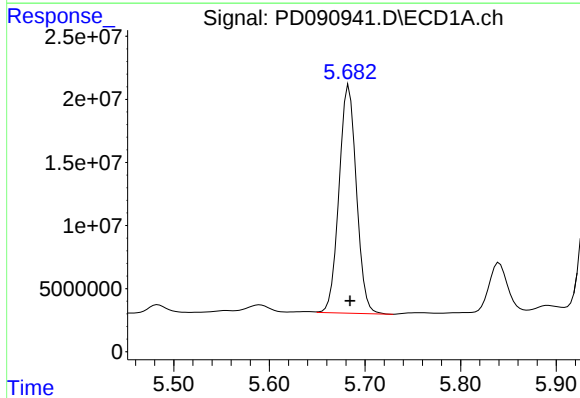
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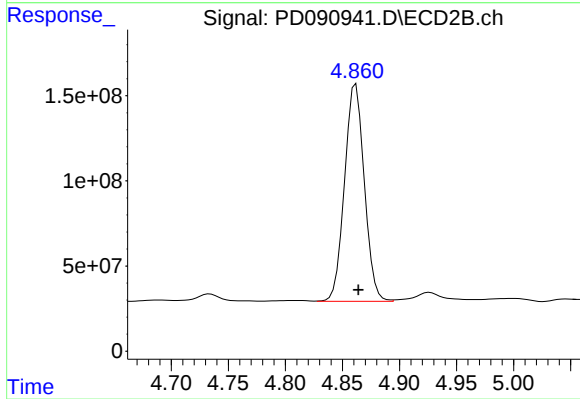
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 1751648132
Conc: 36.71 ng/ml



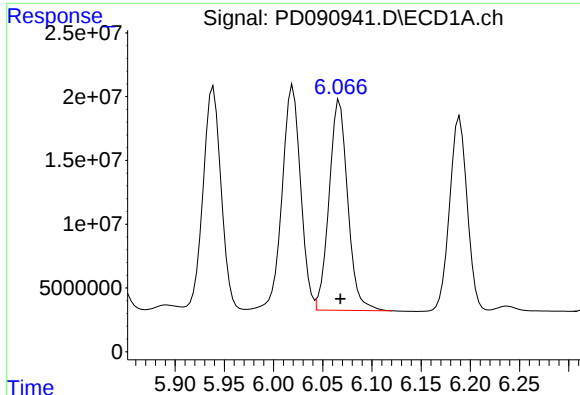
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 228567535
Conc: 39.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1538244853
Conc: 36.08 ng/ml



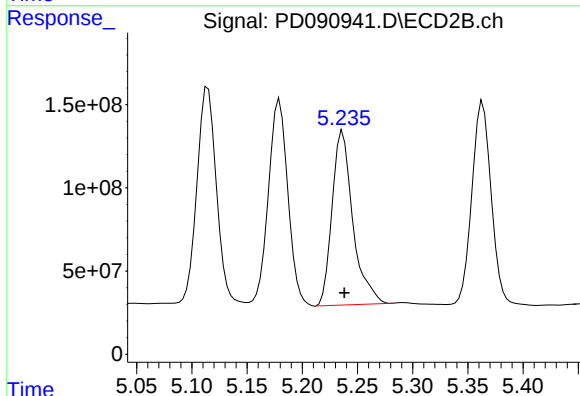
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 216493571
Conc: 39.10 ng/ml

Instrument :
ECD_D
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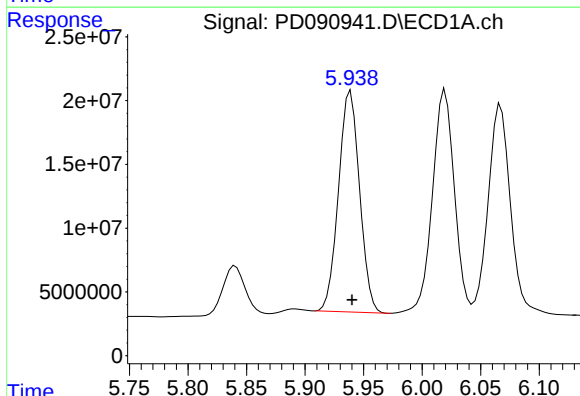
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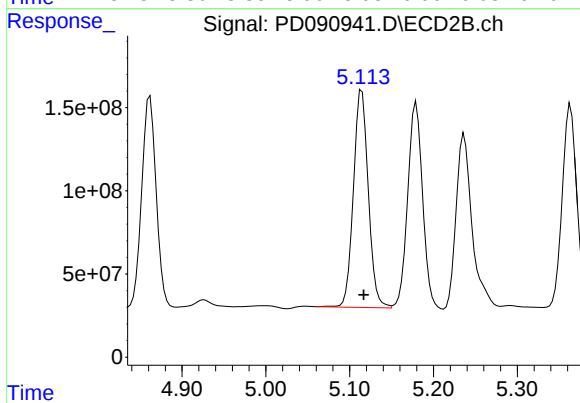
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1369728555
Conc: 34.77 ng/ml



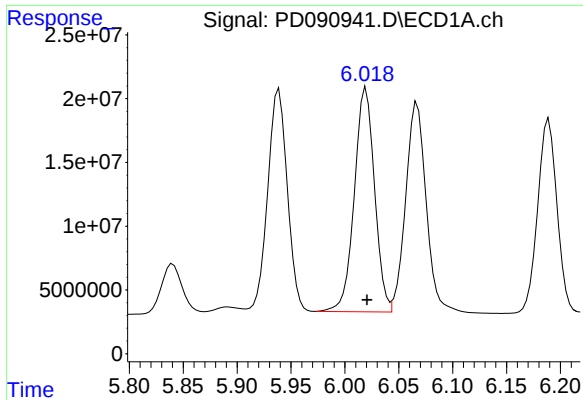
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 217329308
Conc: 36.64 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 1617987984
Conc: 36.00 ng/ml



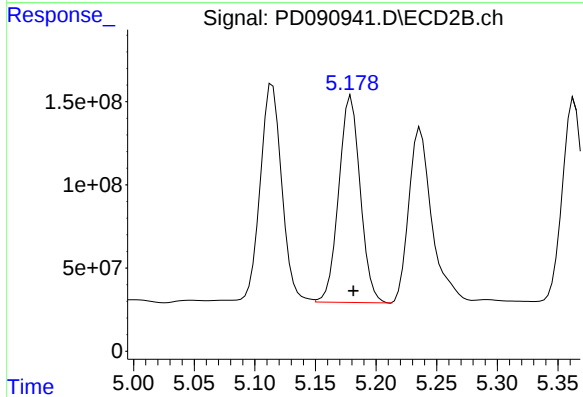
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 229534375
Conc: 37.14 ng/ml

Instrument :
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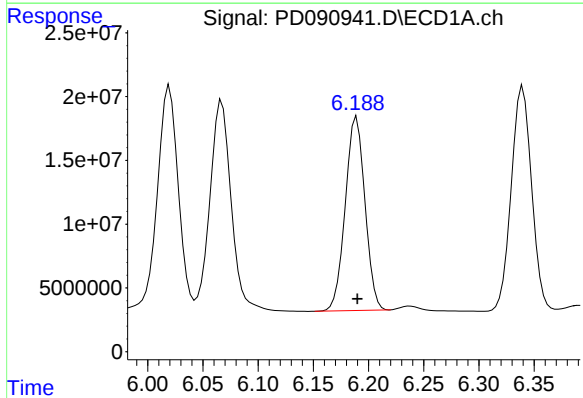
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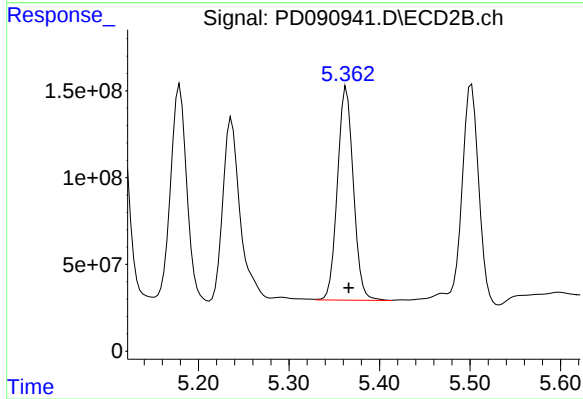
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 1528149943
Conc: 35.42 ng/ml



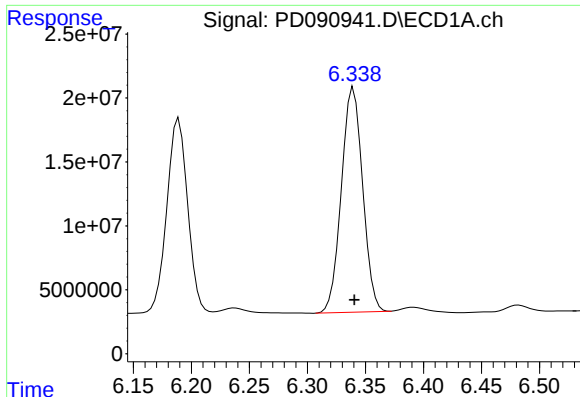
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 188353177
Conc: 35.36 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 1500587975
Conc: 34.23 ng/ml m



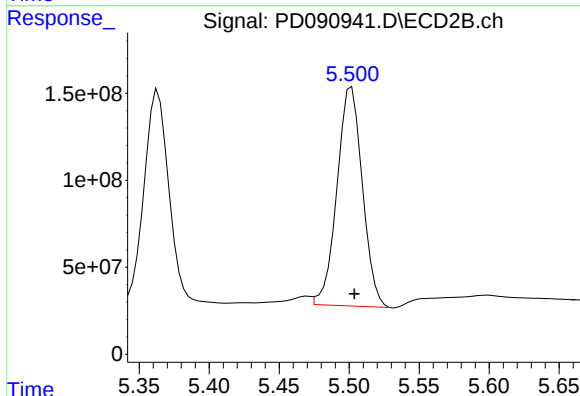
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 224246583
Conc: 38.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
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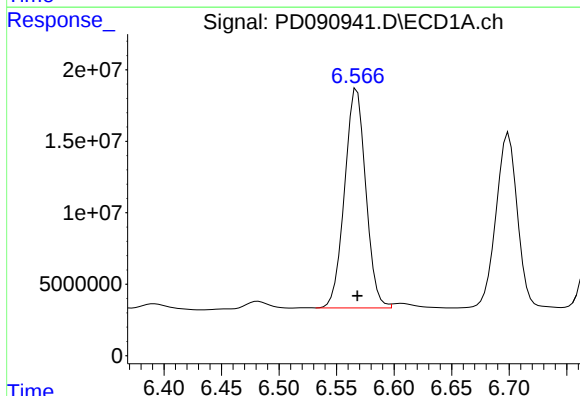
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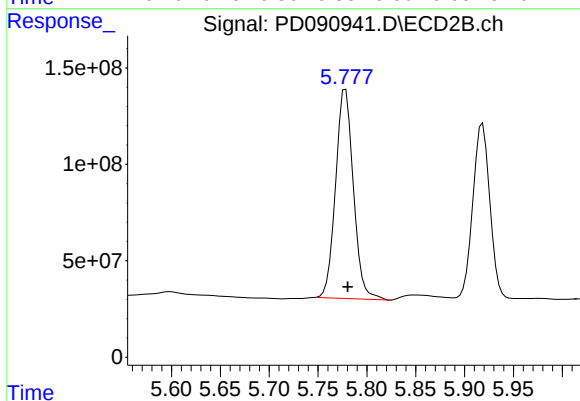
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 1585492413
Conc: 35.88 ng/ml m



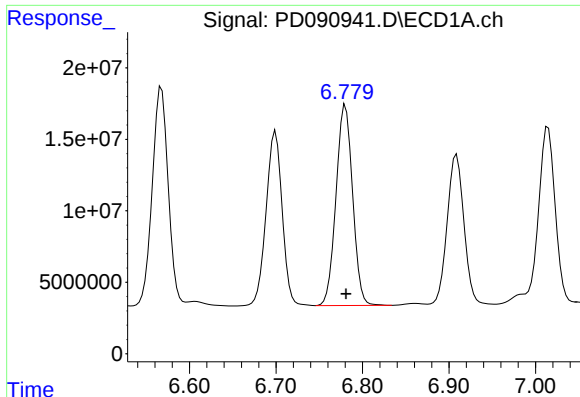
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 197101917
Conc: 39.79 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 1377526050
Conc: 34.02 ng/ml



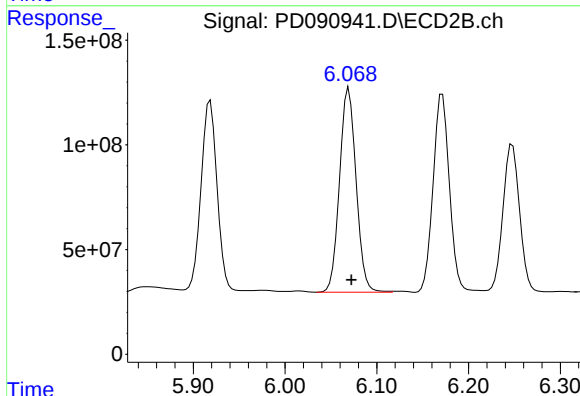
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 186166450
Conc: 37.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
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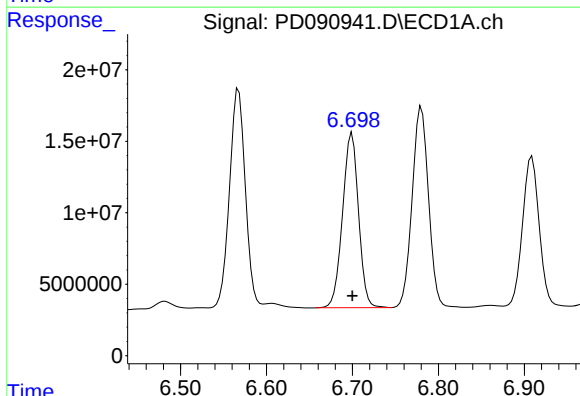
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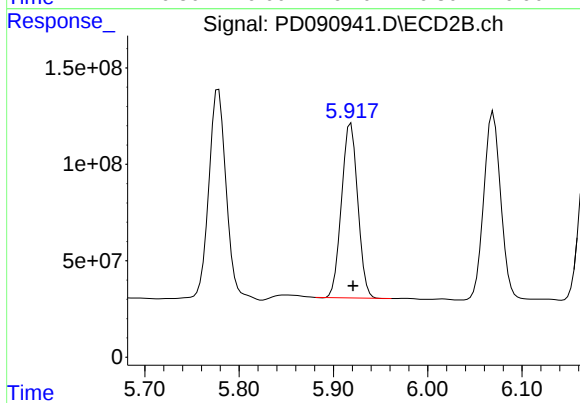
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 1224284297
Conc: 32.60 ng/ml



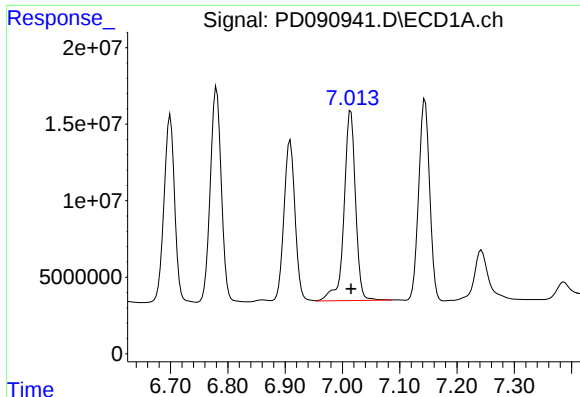
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 158051309
Conc: 38.98 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1083738292
Conc: 29.74 ng/ml



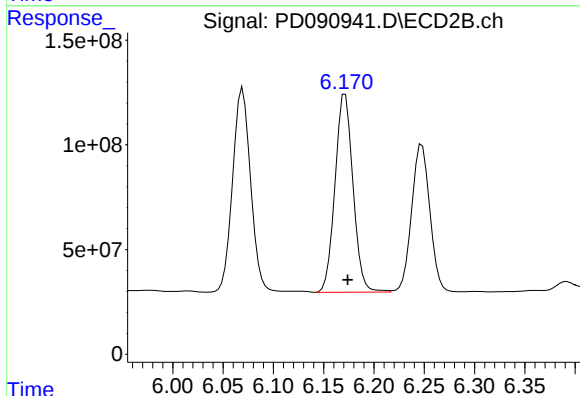
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 173850353
Conc: 42.29 ng/ml

Instrument :
ECD_D
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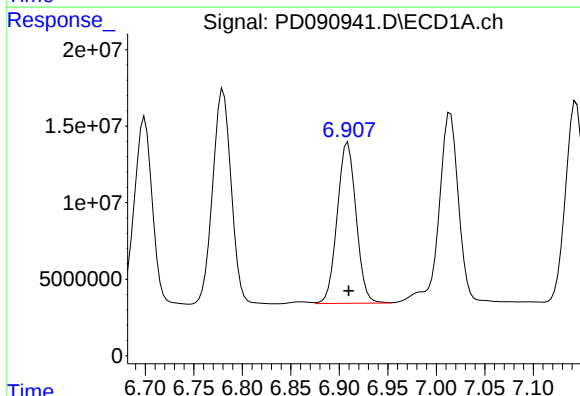
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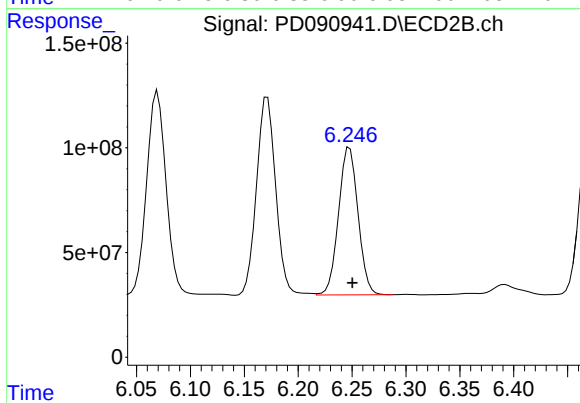
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1175021230
Conc: 33.50 ng/ml



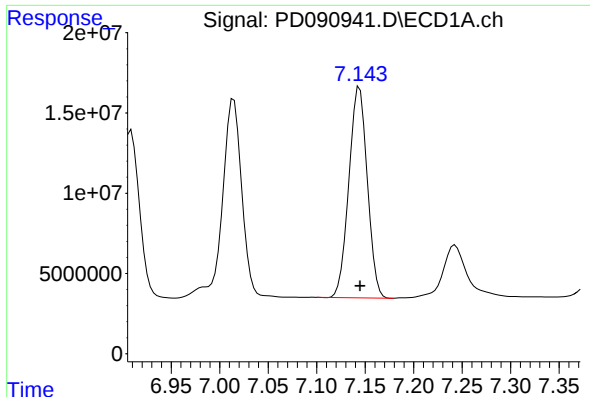
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 142082260
Conc: 38.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 886125000
Conc: 32.00 ng/ml



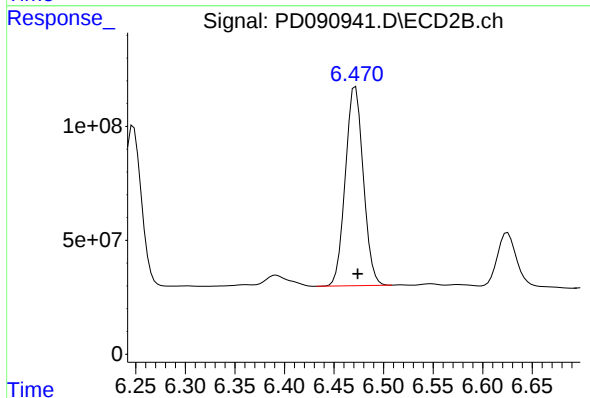
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 173605311
Conc: 37.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
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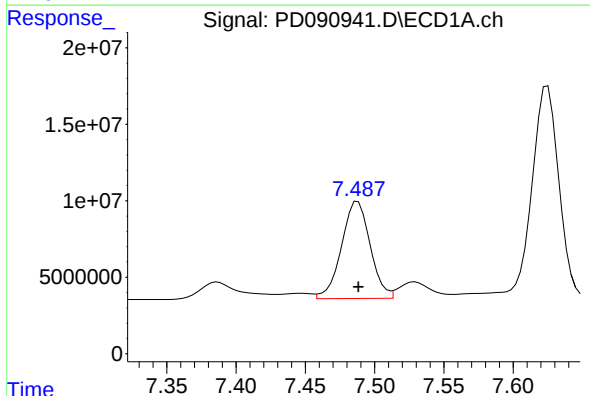
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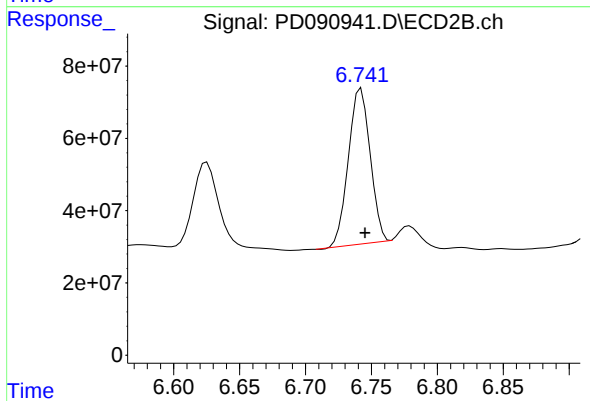
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1101798407
Conc: 30.74 ng/ml



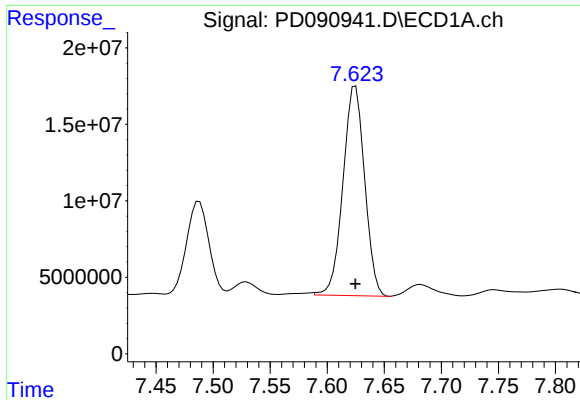
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 91401450
Conc: 43.00 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 494117852
Conc: 28.35 ng/ml



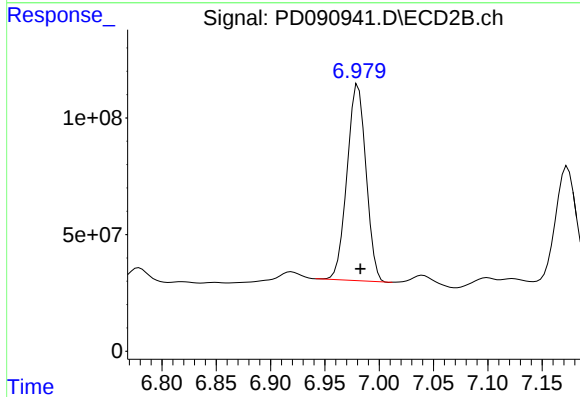
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.001 min
Response: 180975148
Conc: 37.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-103125MS

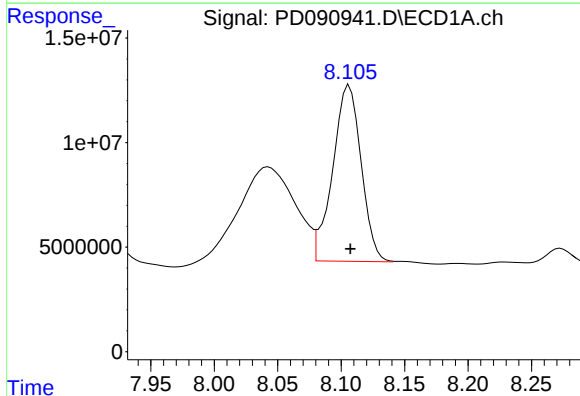
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



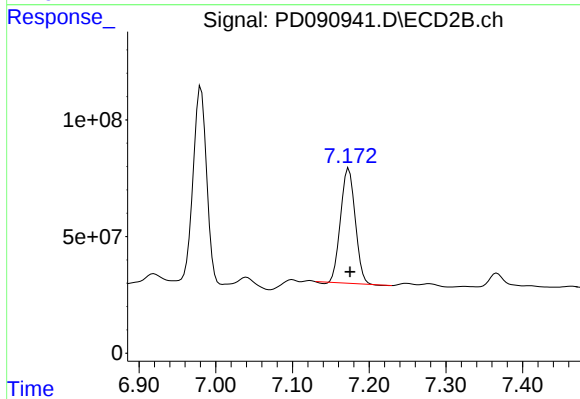
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 1025188442
Conc: 27.18 ng/ml



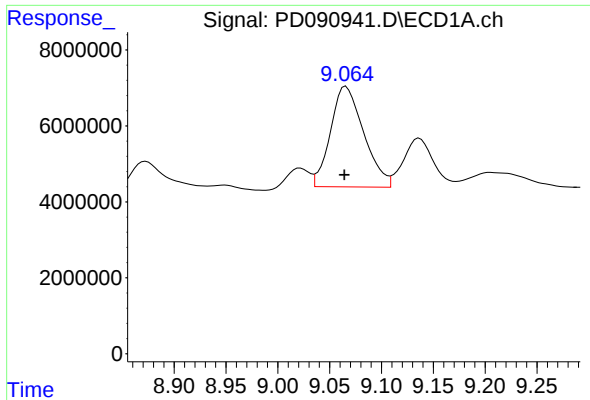
#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.002 min
Response: 130322602
Conc: 40.71 ng/ml m



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 650257788
Conc: 25.31 ng/ml



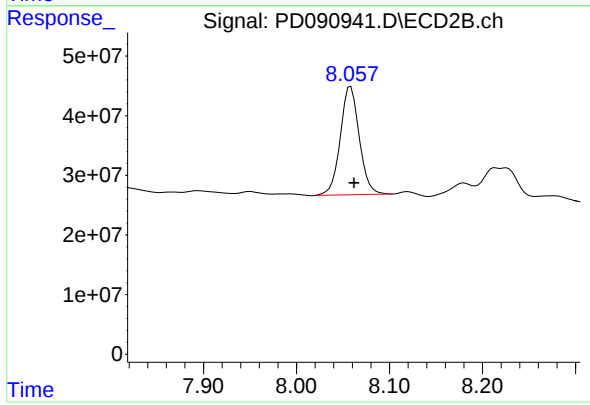
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 59197290
Conc: 12.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-103125MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 257297004
Conc: 8.49 ng/ml