

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111325\
 Data File : PD091151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2025 13:52
 Operator : AR\AJ
 Sample : Q3609-13MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 AU-713-COMP-05MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 22:03:41 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...	3.542	2.874	53277660	616.5E6	17.108m	20.703
28)	SA Decachlor...	9.064	8.059	77448426	583.1E6	16.556	19.250
Target Compounds							
2)	A alpha-BHC	3.993	3.385	387.7E6	2977.7E6	54.017	58.277
3)	MA gamma-BHC...	4.323	3.721	356.5E6	2729.2E6	52.435	57.763
4)	MA Heptachlor	4.921	4.073	346.2E6	2639.2E6	61.944	59.171
5)	MB Aldrin	5.262	4.358	343.2E6	2580.7E6	52.419	55.716
6)	B beta-BHC	4.511	4.017	137.2E6	1125.6E6	52.389	56.762
7)	B delta-BHC	4.759	4.253	360.3E6	2750.8E6	53.280	57.649
8)	B Heptachlo...	5.682	4.862	303.9E6	2404.8E6	52.501m	56.398
9)	A Endosulfan I	6.067	5.236	286.6E6	2263.0E6	51.760	57.451
10)	B gamma-Chl...	5.939	5.114	305.5E6	2563.7E6	51.504	57.037
11)	B alpha-Chl...	6.019	5.179	305.8E6	2480.6E6	49.482	57.503
12)	B 4,4'-DDE	6.189	5.364	274.7E6	2520.0E6	51.574	57.485
13)	MA Dieldrin	6.339	5.502	305.2E6	2543.1E6	52.346	57.558
14)	MA Endrin	6.567	5.778	239.8E6	2130.5E6	48.399	52.613
15)	B Endosulfa...	6.780	6.070	256.4E6	2189.8E6	51.277	58.309
16)	A 4,4'-DDD	6.699	5.918	227.0E6	2141.7E6	55.996	58.775
17)	MA 4,4'-DDT	7.015	6.172	207.2E6	2006.2E6	50.417	57.200
18)	B Endrin al...	6.909	6.248	191.0E6	1647.4E6	52.135	59.489
19)	B Endosulfa...	7.143	6.472	235.9E6	2113.1E6	50.868	58.950
20)	A Methoxychlor	7.488	6.742	109.3E6	1009.4E6	51.422	57.921
21)	B Endrin ke...	7.624	6.981	266.0E6	2393.5E6	54.736	63.458
22)	Mirex	8.106	7.173	159.2E6	1508.7E6	49.730	58.725

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111325\
Data File : PD091151.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2025 13:52
Operator : AR\AJ
Sample : Q3609-13MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

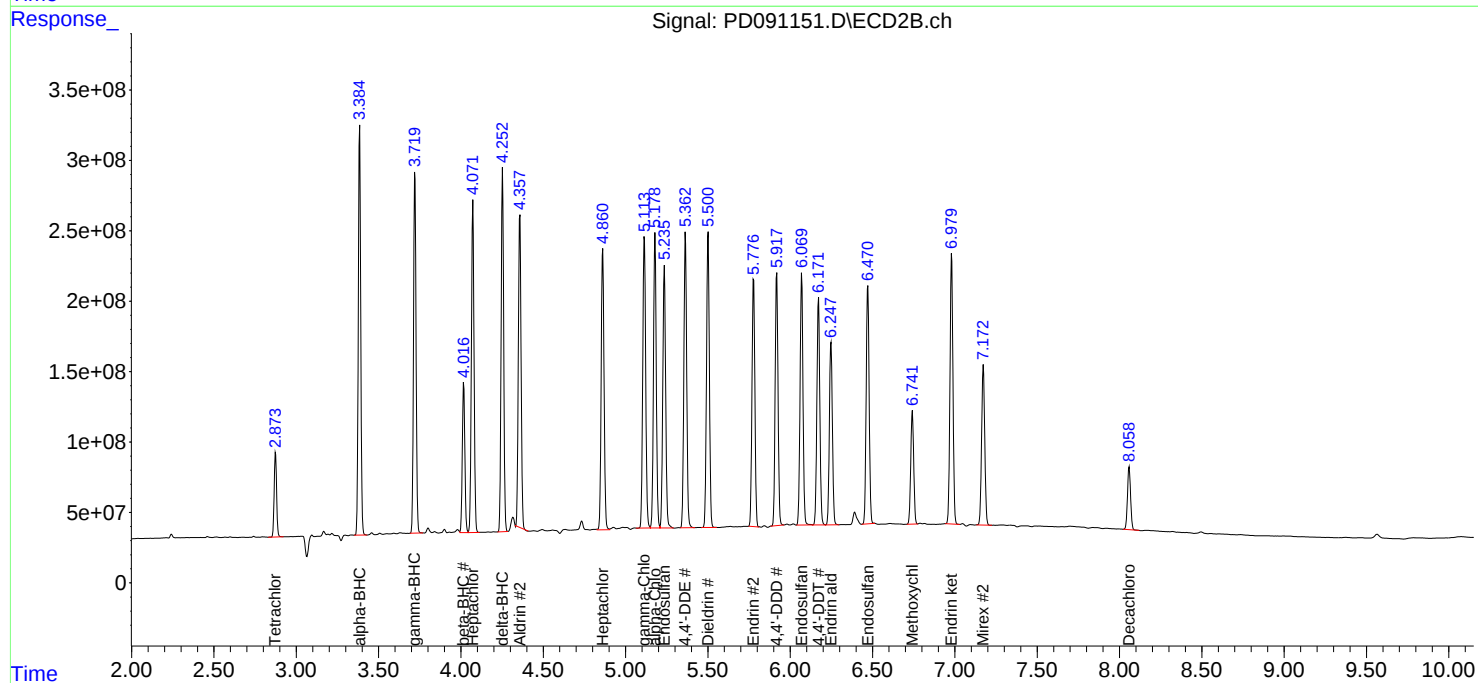
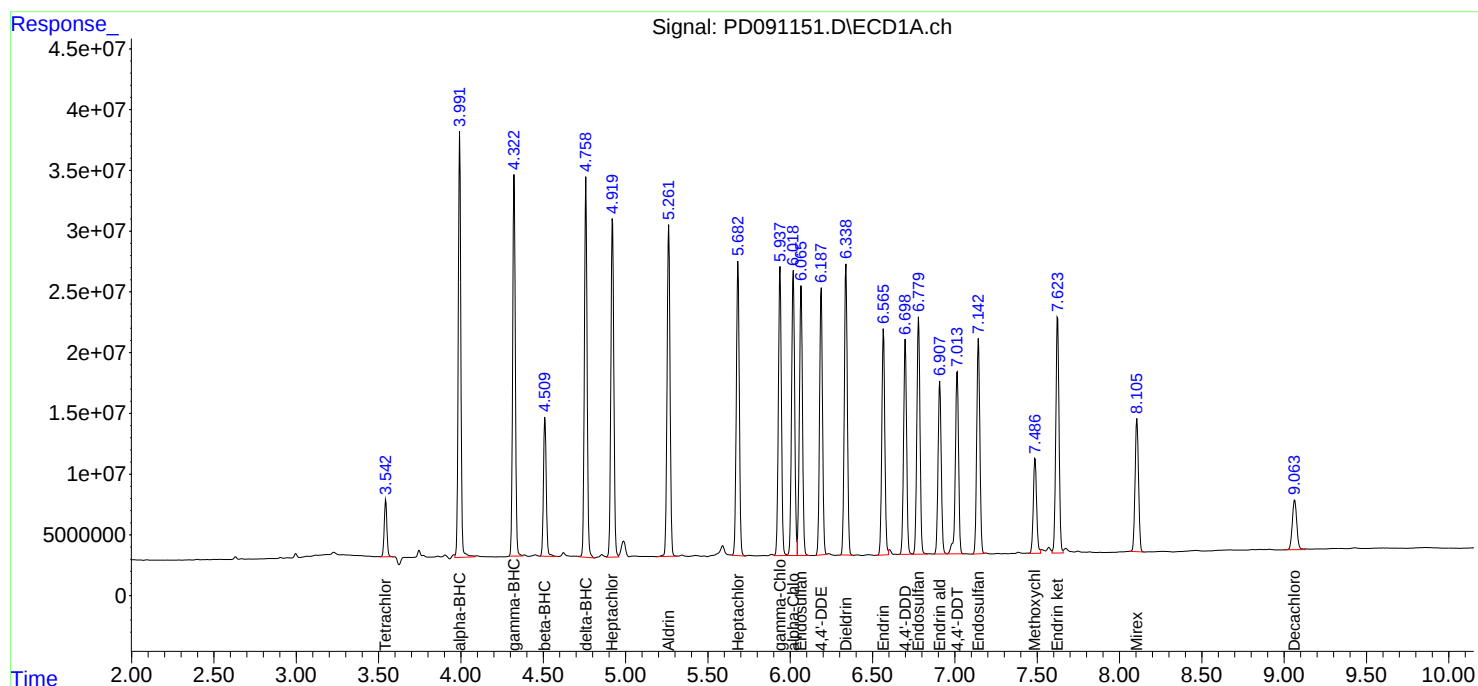
Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

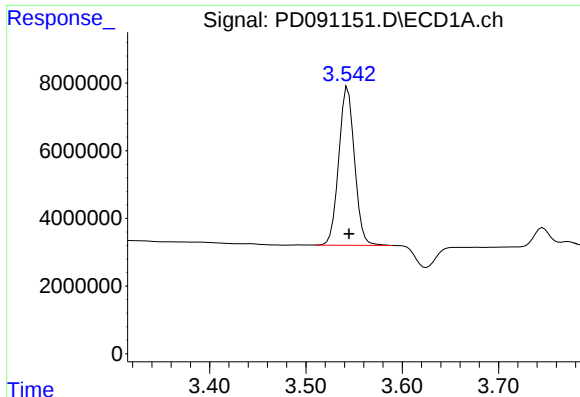
Manual Integrations
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Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 22:03:41 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





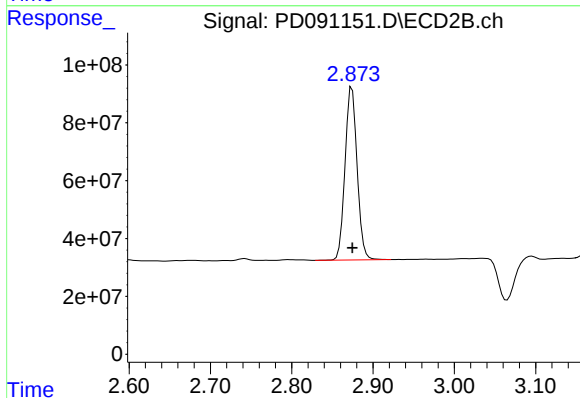
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 53277660
Conc: 17.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

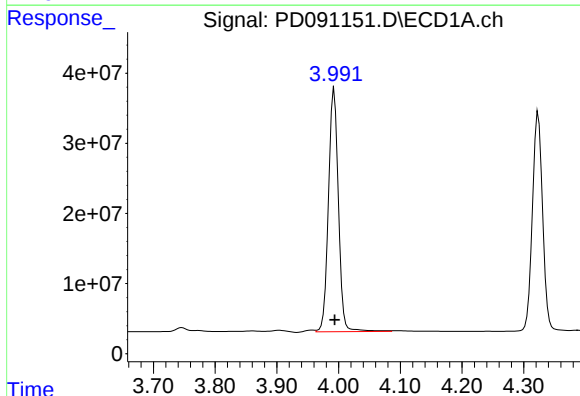
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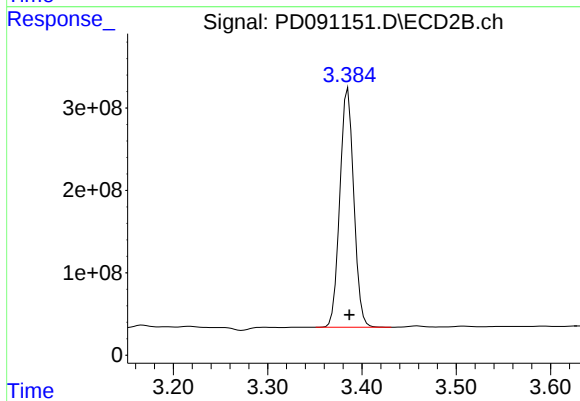
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 616469763
Conc: 20.70 ng/ml



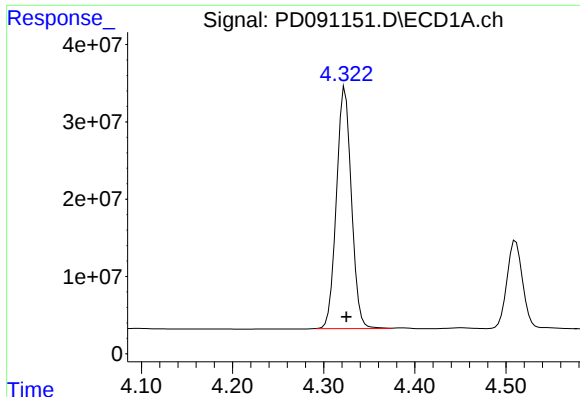
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 387685172
Conc: 54.02 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2977733166
Conc: 58.28 ng/ml



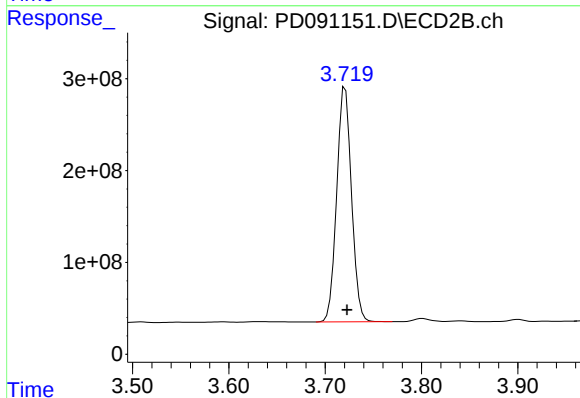
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 356494024
Conc: 52.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

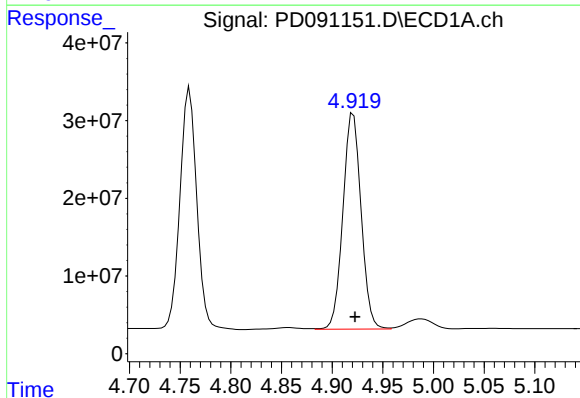
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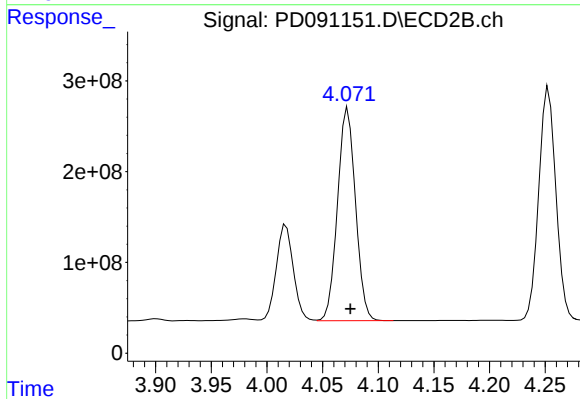
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2729240077
Conc: 57.76 ng/ml



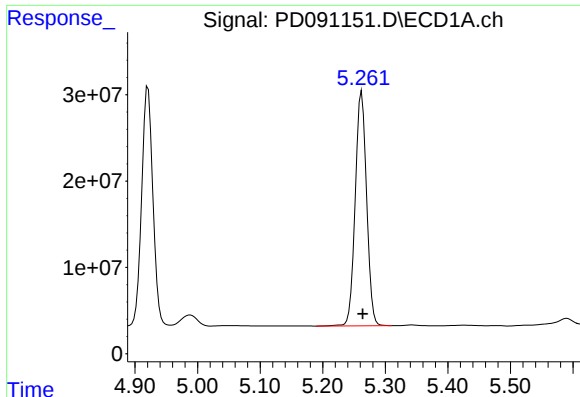
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 346240120
Conc: 61.94 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2639213058
Conc: 59.17 ng/ml



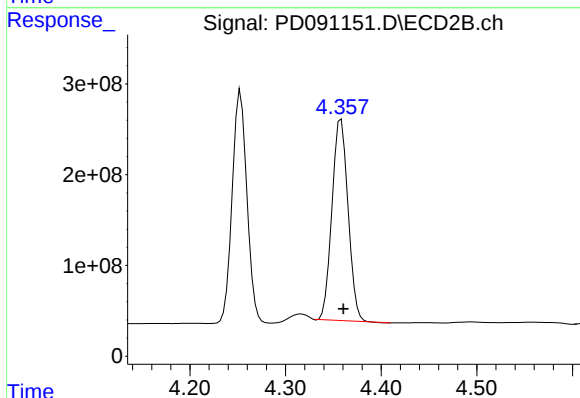
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 343204244
Conc: 52.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

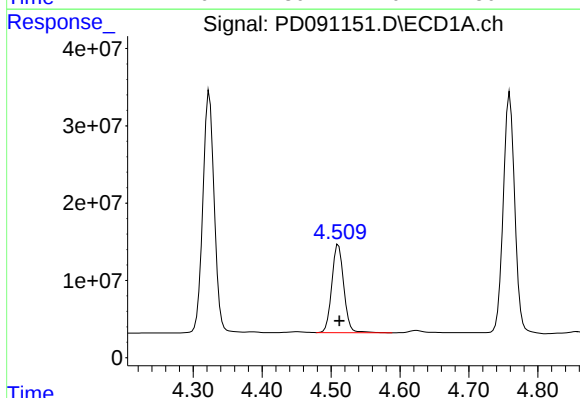
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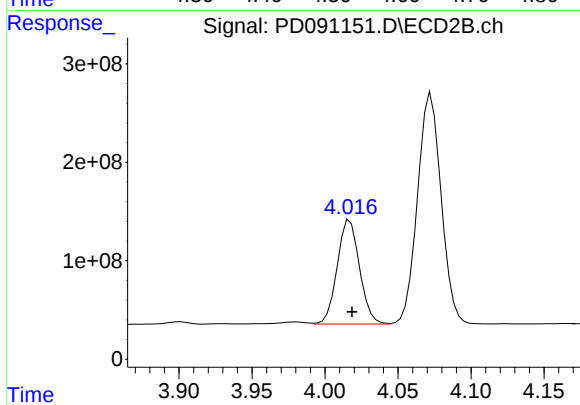
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2580710421
Conc: 55.72 ng/ml



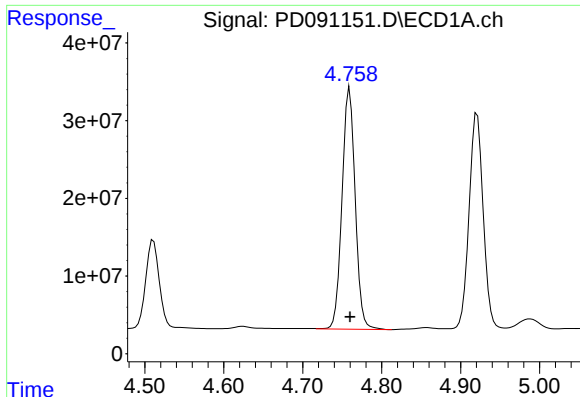
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 137240145
Conc: 52.39 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 1125566004
Conc: 56.76 ng/ml



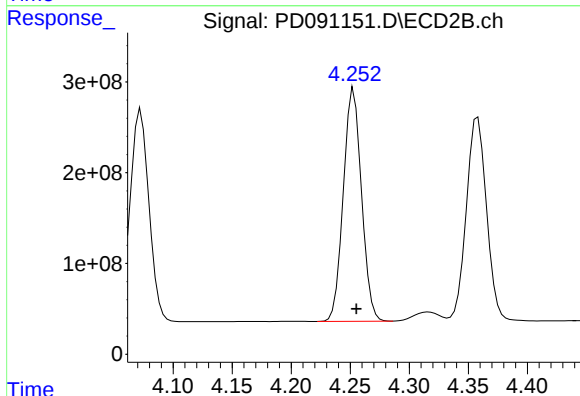
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 360263380
Conc: 53.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

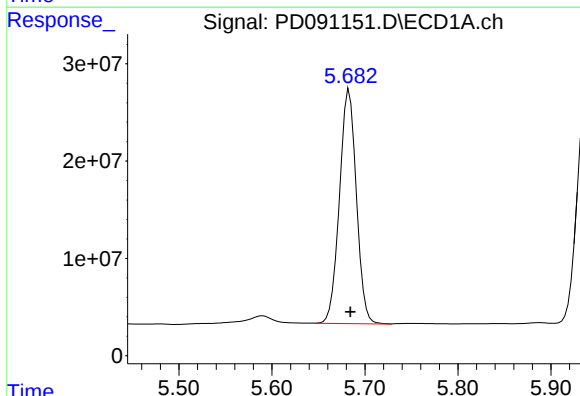
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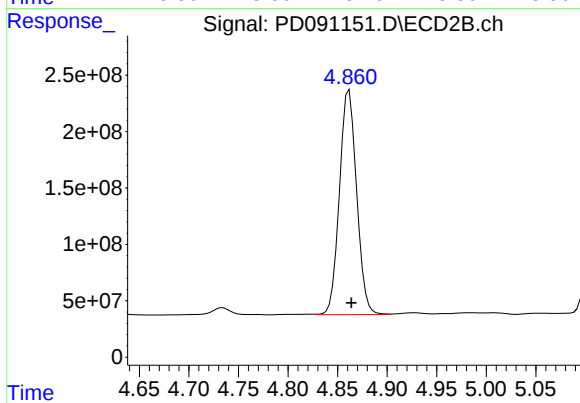
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2750821398
Conc: 57.65 ng/ml



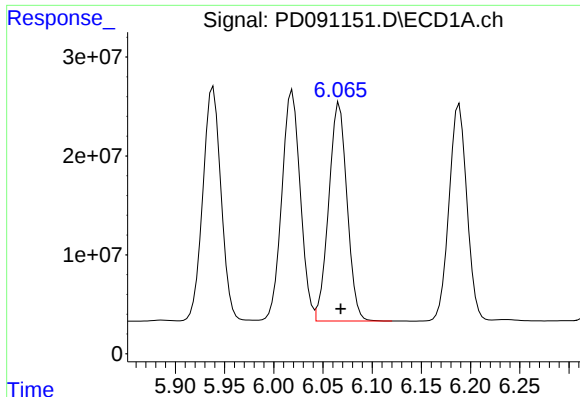
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 303933993
Conc: 52.50 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2404758773
Conc: 56.40 ng/ml



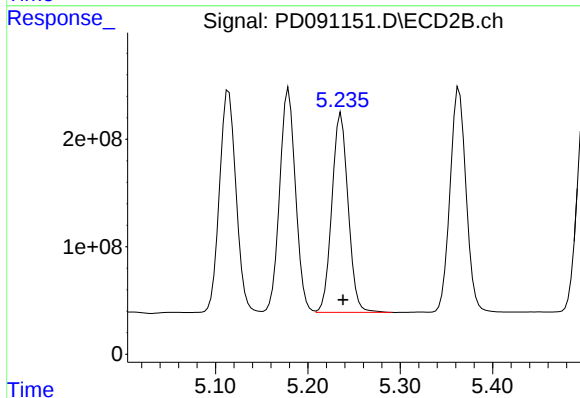
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 286578021
Conc: 51.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

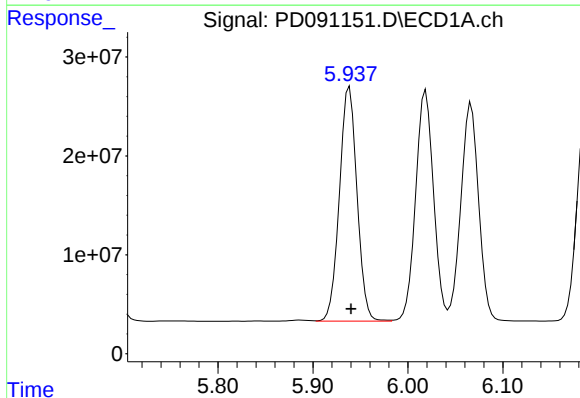
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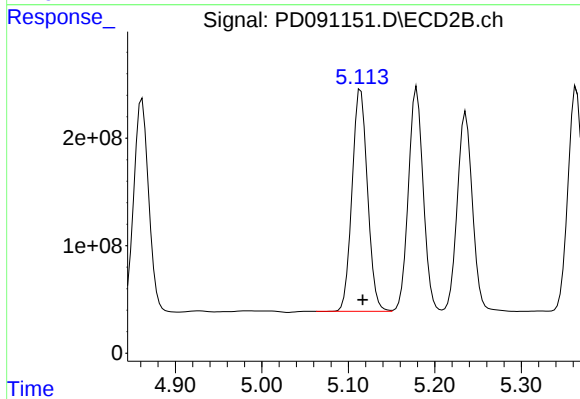
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 2263018719
Conc: 57.45 ng/ml



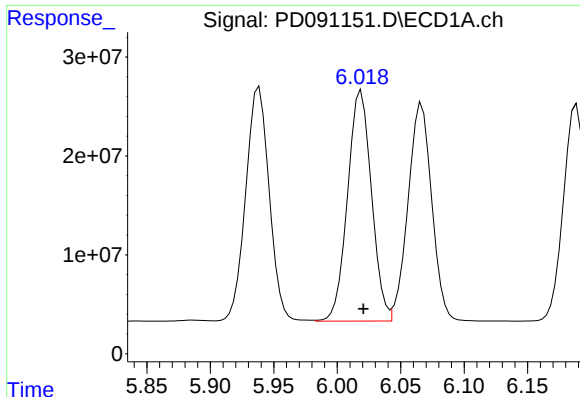
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 305478694
Conc: 51.50 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 2563743275
Conc: 57.04 ng/ml



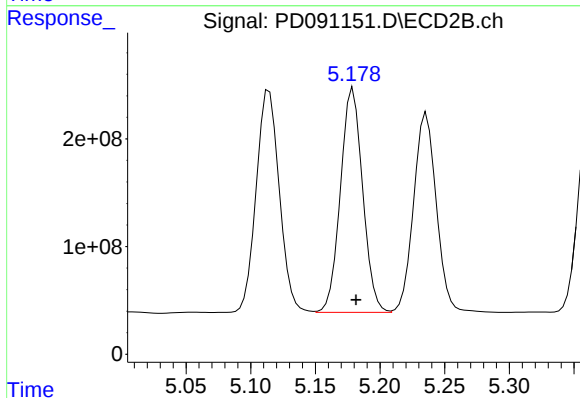
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 305811365
Conc: 49.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

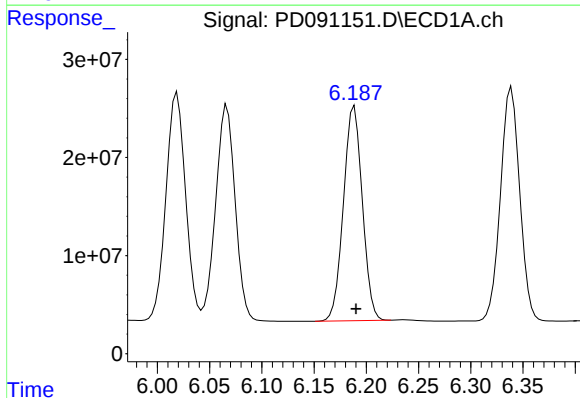
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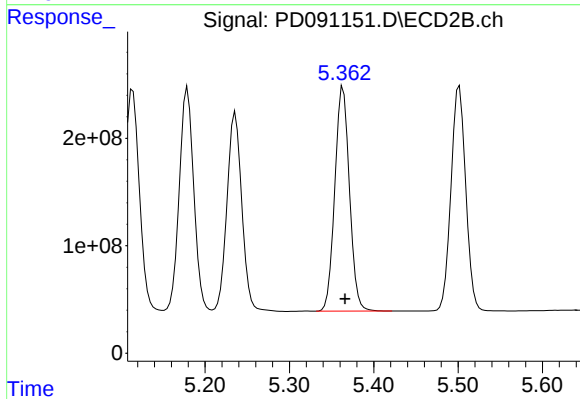
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 2480561421
Conc: 57.50 ng/ml



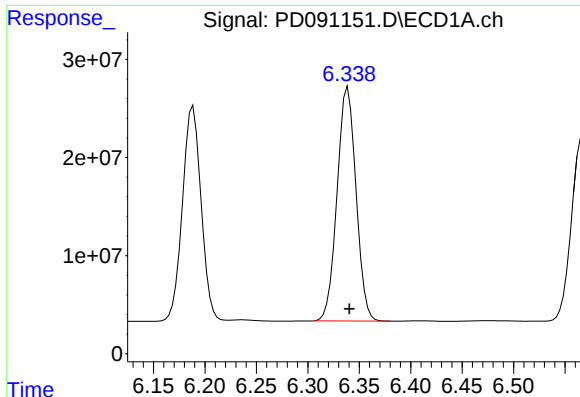
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 274717185
Conc: 51.57 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2520030226
Conc: 57.48 ng/ml



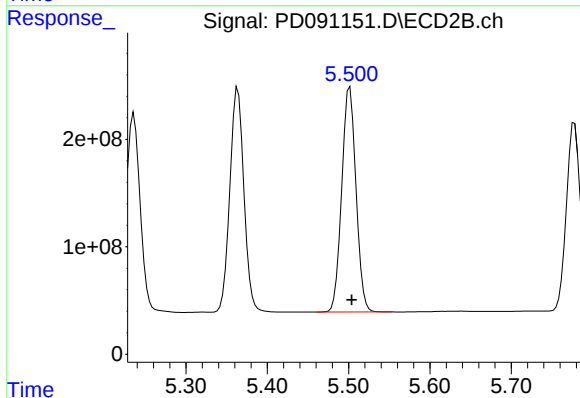
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 305248135
Conc: 52.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

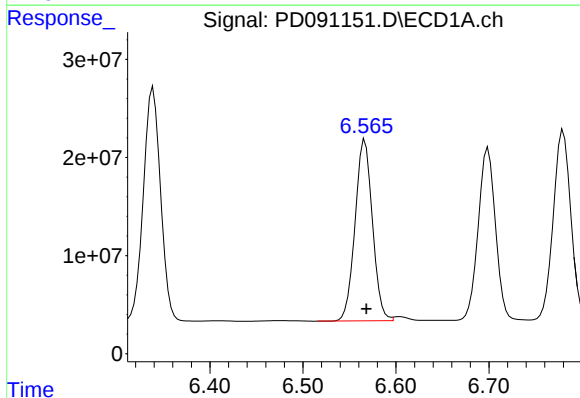
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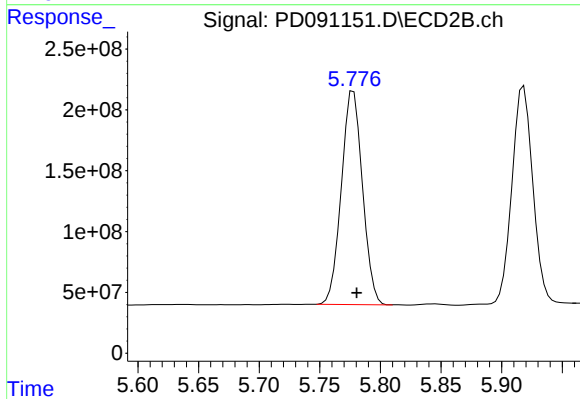
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 2543146083
Conc: 57.56 ng/ml



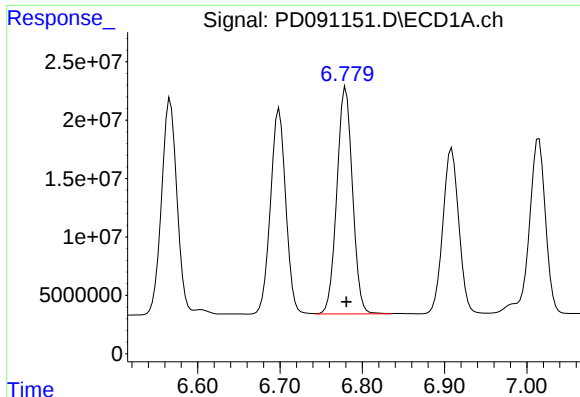
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 239756171
Conc: 48.40 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 2130491019
Conc: 52.61 ng/ml



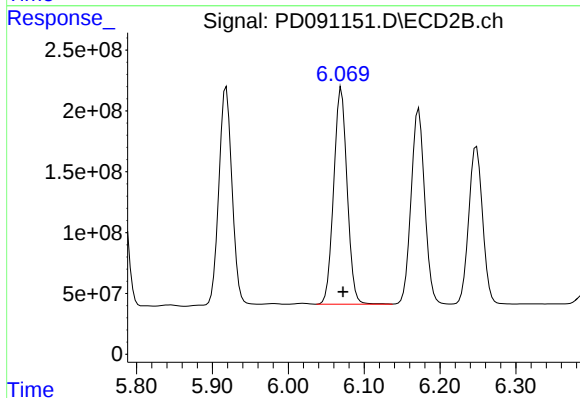
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 256384634
Conc: 51.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

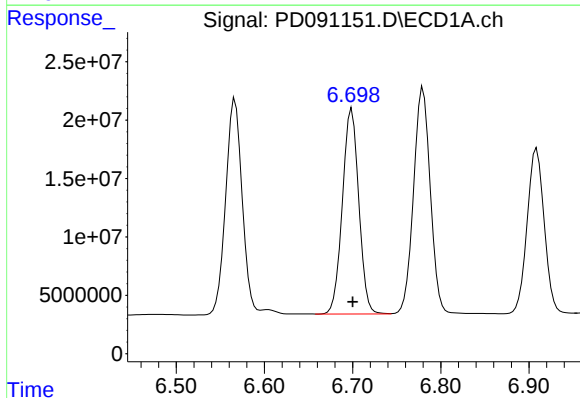
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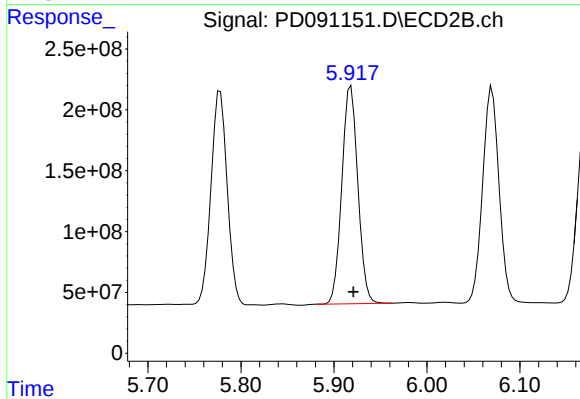
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 2189817508
Conc: 58.31 ng/ml



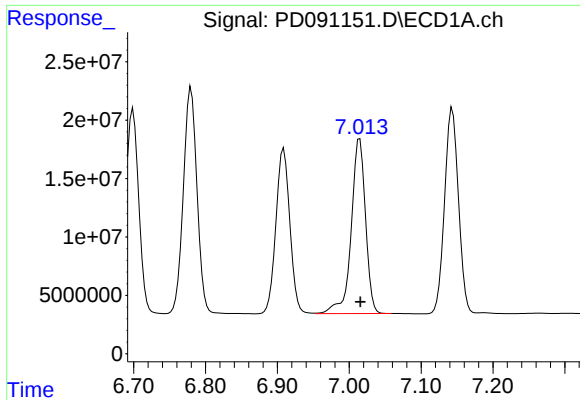
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 227020764
Conc: 56.00 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 2141660829
Conc: 58.78 ng/ml



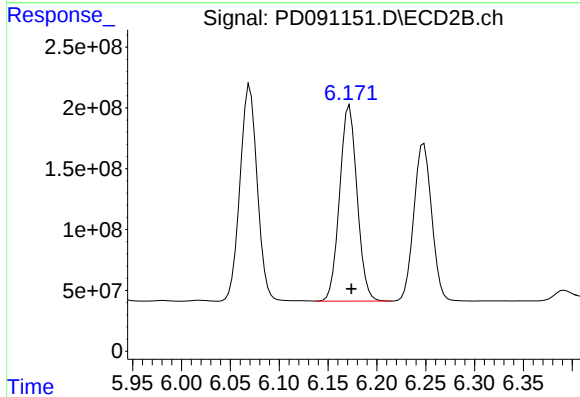
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 207236310
Conc: 50.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

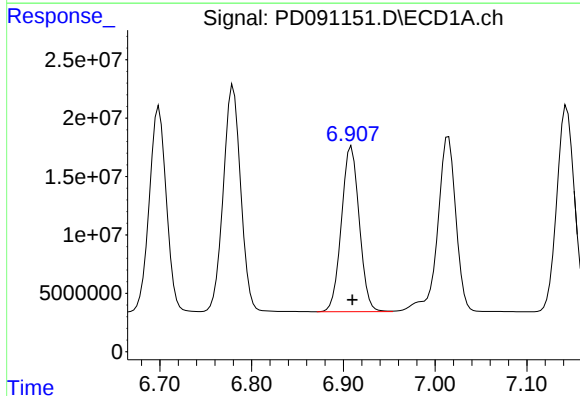
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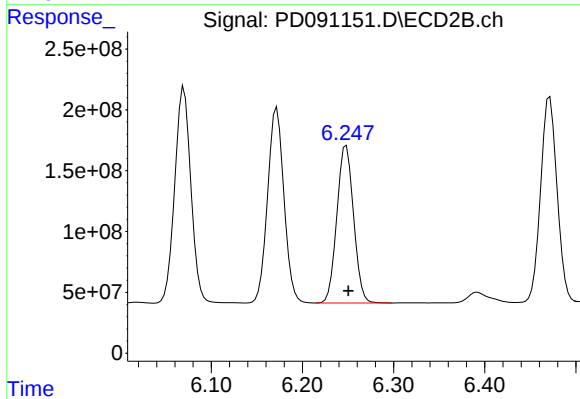
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 2006163766
Conc: 57.20 ng/ml



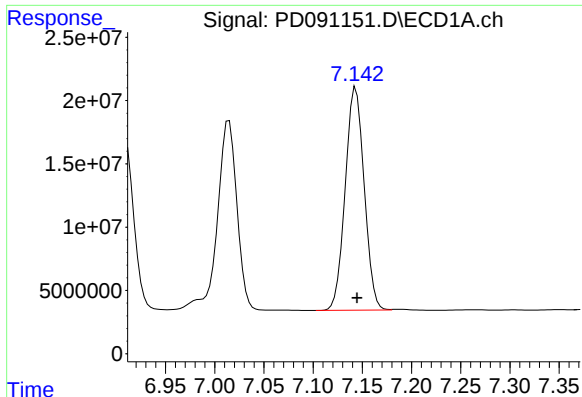
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 190953513
Conc: 52.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1647422597
Conc: 59.49 ng/ml



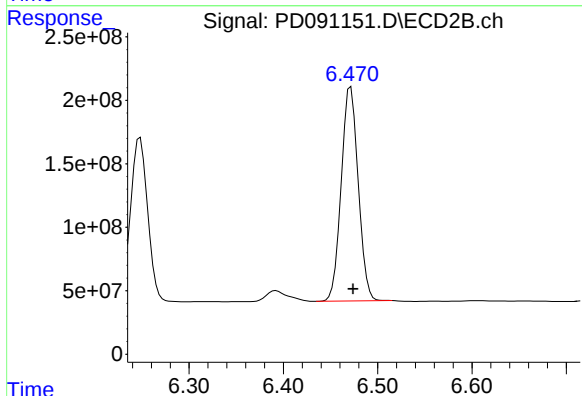
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.001 min
Response: 235933744
Conc: 50.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
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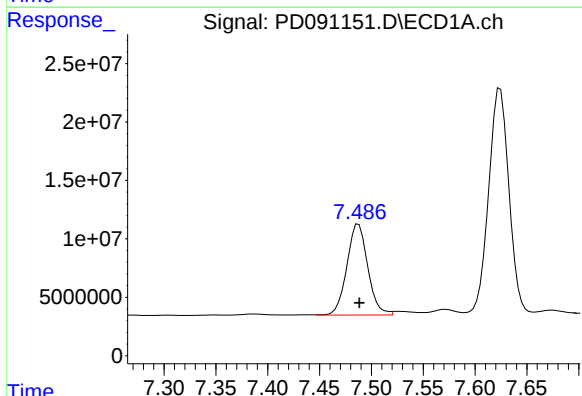
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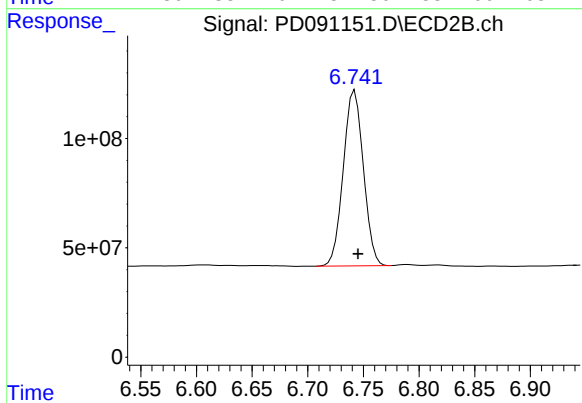
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 2113060802
Conc: 58.95 ng/ml



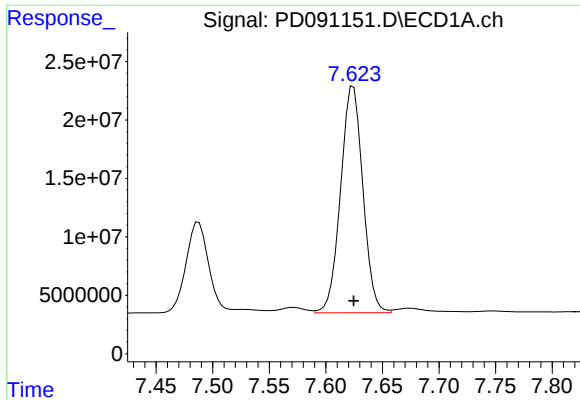
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 109302607
Conc: 51.42 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 1009431108
Conc: 57.92 ng/ml



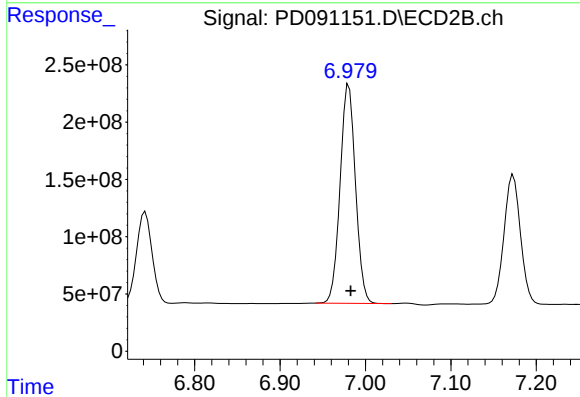
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 265952892
Conc: 54.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

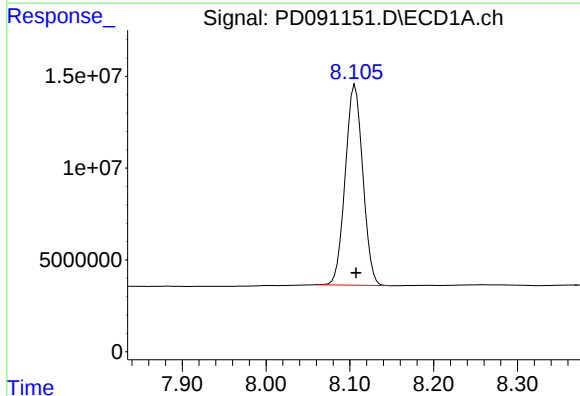
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



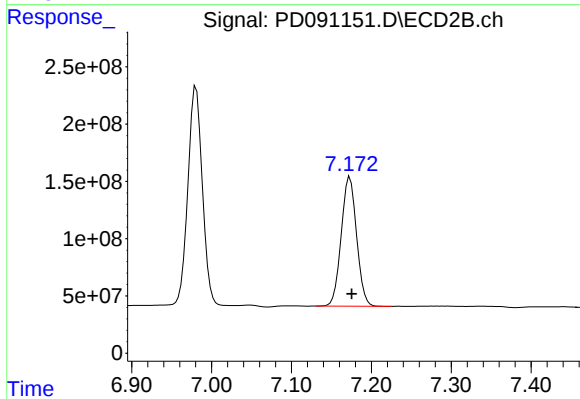
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 2393512499
Conc: 63.46 ng/ml



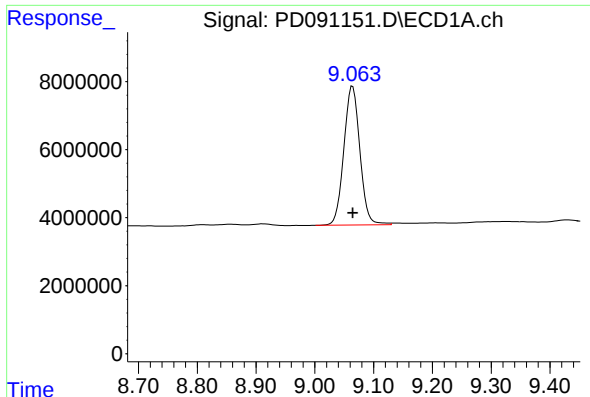
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.001 min
Response: 159179458
Conc: 49.73 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 1508705621
Conc: 58.73 ng/ml



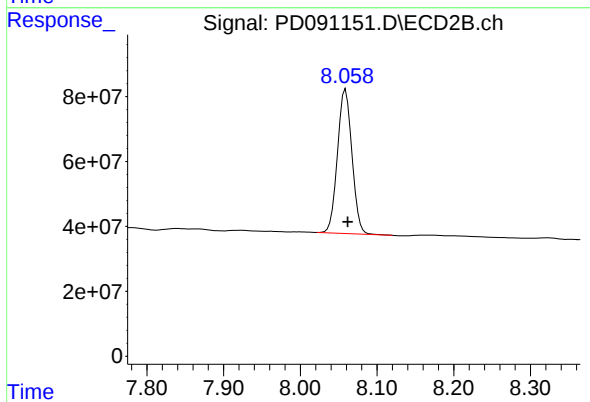
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 77448426
Conc: 16.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 583103306
Conc: 19.25 ng/ml