

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111325\
 Data File : PD091152.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2025 14:06
 Operator : AR\AJ
 Sample : Q3609-13MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

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 22:03:50 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	51500650	584.0E6	16.538m	19.612
28)	SA Decachlor...	9.064	8.059	71486078	561.8E6	15.281	18.546
Target Compounds							
2)	A alpha-BHC	3.993	3.385	364.1E6	2799.3E6	50.727	54.786
3)	MA gamma-BHC...	4.324	3.721	336.3E6	2564.6E6	49.467	54.279
4)	MA Heptachlor	4.921	4.073	327.9E6	2482.0E6	58.664	55.646
5)	MB Aldrin	5.263	4.358	324.7E6	2433.2E6	49.593	52.531
6)	B beta-BHC	4.511	4.017	129.6E6	1056.8E6	49.492	53.296
7)	B delta-BHC	4.759	4.253	337.4E6	2578.9E6	49.898	54.047
8)	B Heptachlo...	5.683	4.862	286.6E6	2263.5E6	49.505	53.085
9)	A Endosulfan I	6.067	5.236	272.2E6	2125.7E6	49.165	53.965
10)	B gamma-Chl...	5.938	5.115	289.7E6	2410.2E6	48.843	53.620
11)	B alpha-Chl...	6.019	5.179	294.7E6	2332.5E6	47.684	54.070
12)	B 4,4'-DDE	6.189	5.363	259.2E6	2374.7E6	48.661	54.169
13)	MA Dieldrin	6.339	5.501	290.1E6	2396.1E6	49.742	54.230
14)	MA Endrin	6.567	5.778	225.7E6	2003.5E6	45.552	49.476
15)	B Endosulfa...	6.780	6.070	242.9E6	2070.6E6	48.581	55.134
16)	A 4,4'-DDD	6.699	5.918	214.5E6	2028.8E6	52.903	55.677
17)	MA 4,4'-DDT	7.014	6.171	196.9E6	1884.2E6	47.899	53.723
18)	B Endrin al...	6.909	6.248	180.9E6	1551.9E6	49.378	56.041
19)	B Endosulfa...	7.143	6.471	222.8E6	1998.7E6	48.037	55.760
20)	A Methoxychlor	7.488	6.741	106.5E6	948.2E6	50.114	54.409
21)	B Endrin ke...	7.624	6.980	252.0E6	2270.8E6	51.854	60.204
22)	Mirex	8.106	7.173	150.3E6	1425.7E6	46.956	55.494

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111325\
Data File : PD091152.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2025 14:06
Operator : AR\AJ
Sample : Q3609-13MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

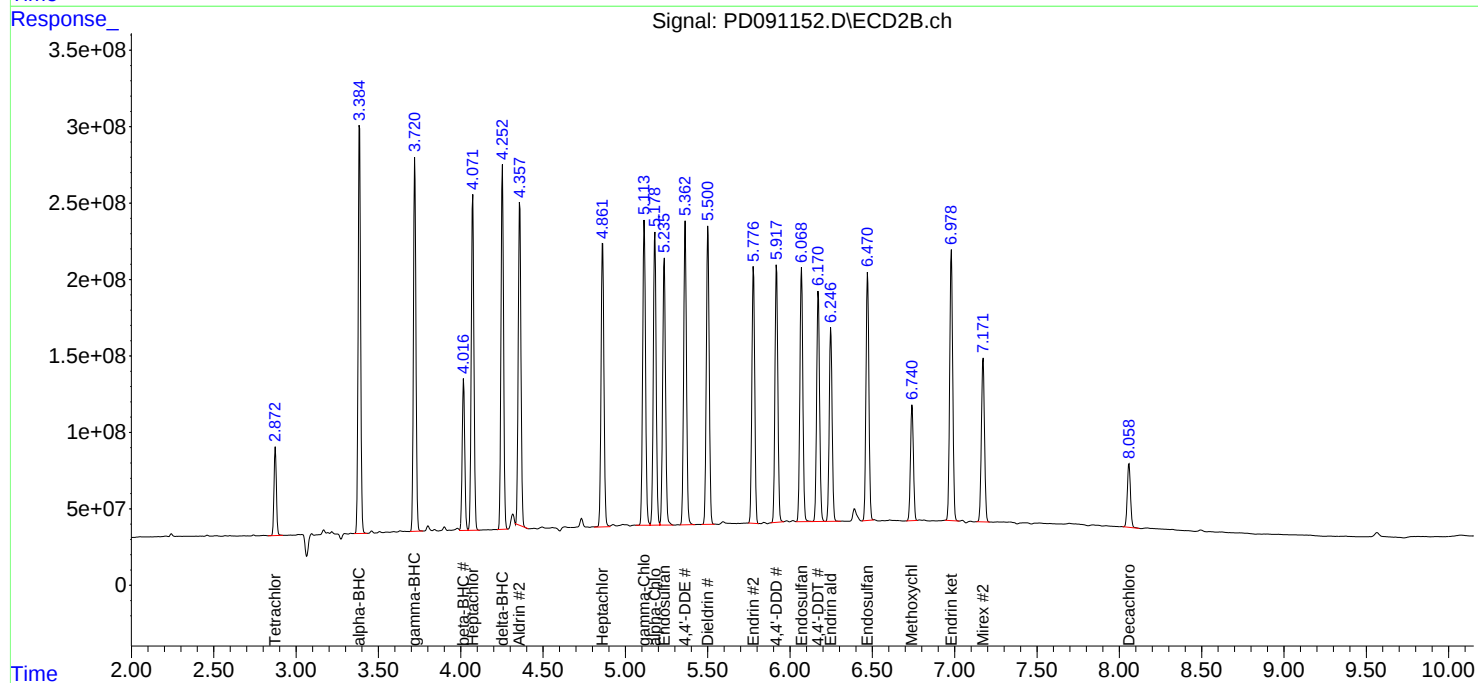
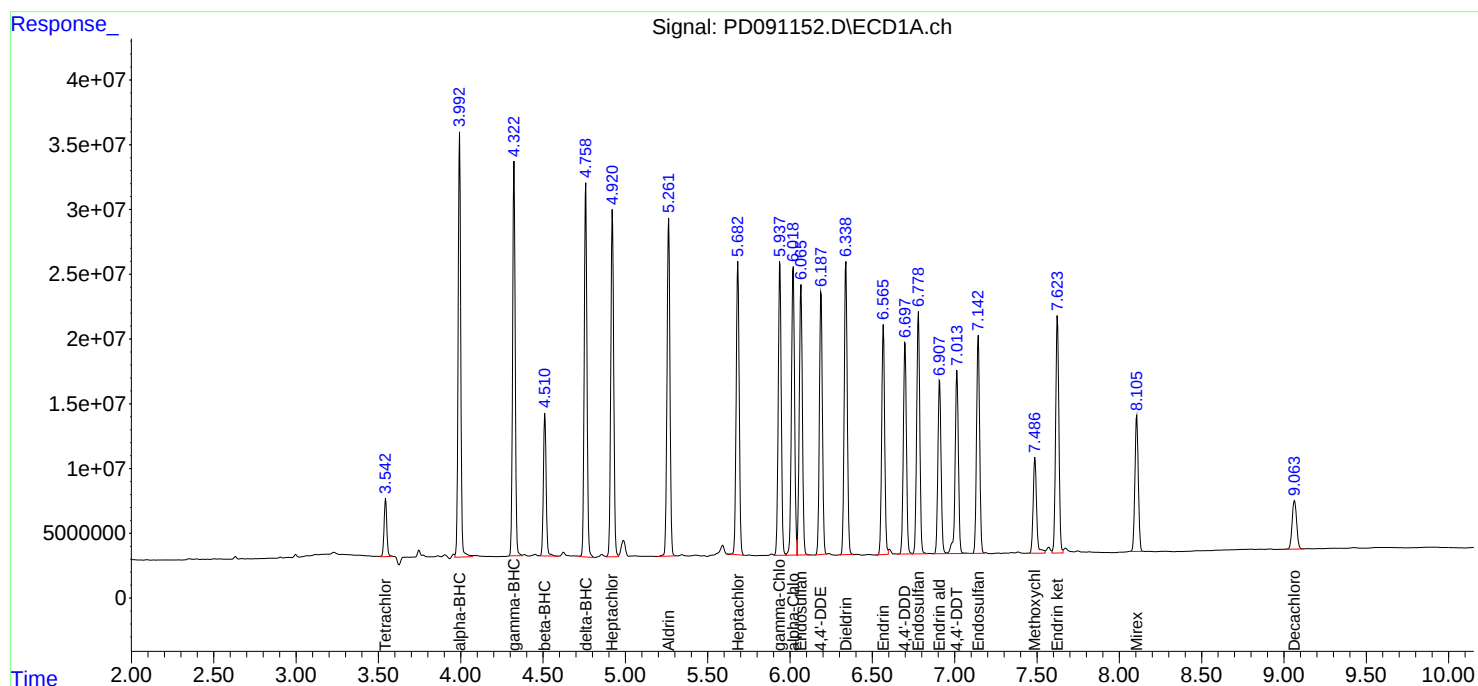
Instrument :
ECD_D
ClientSampleId :
AU-713-COMP-05MSD

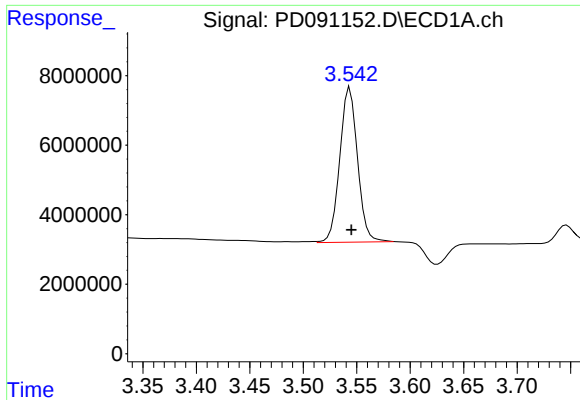
Manual Integrations
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Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 22:03:50 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





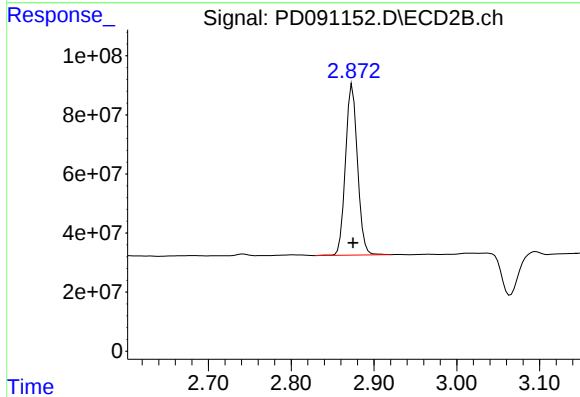
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 51500650
Conc: 16.54 ng/ml

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

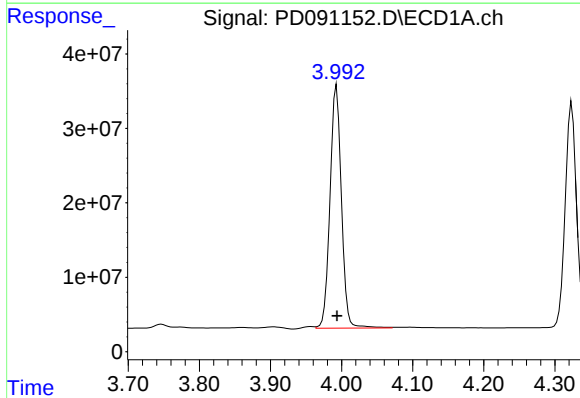
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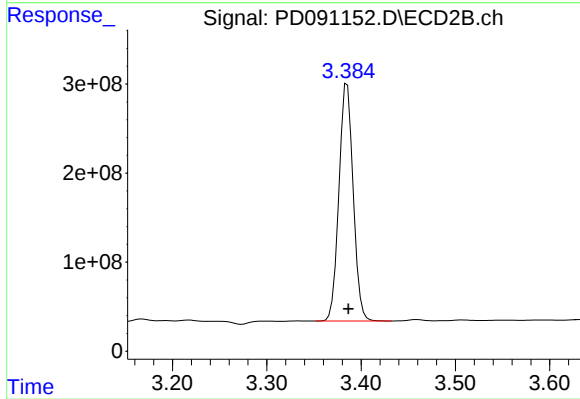
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 583989555
Conc: 19.61 ng/ml



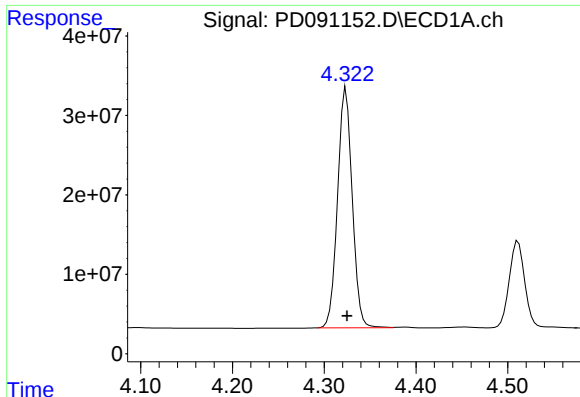
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 364074074
Conc: 50.73 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2799308966
Conc: 54.79 ng/ml



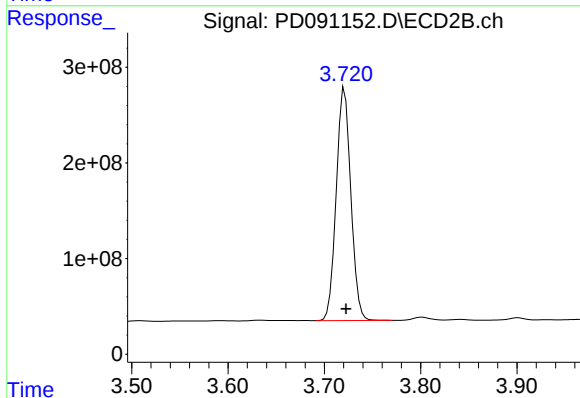
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 336314204
Conc: 49.47 ng/ml

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

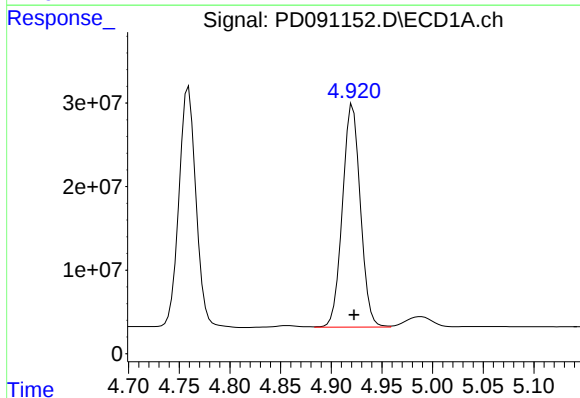
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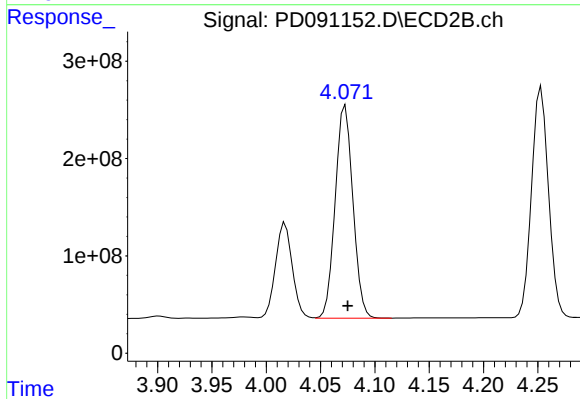
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 2564601937
Conc: 54.28 ng/ml



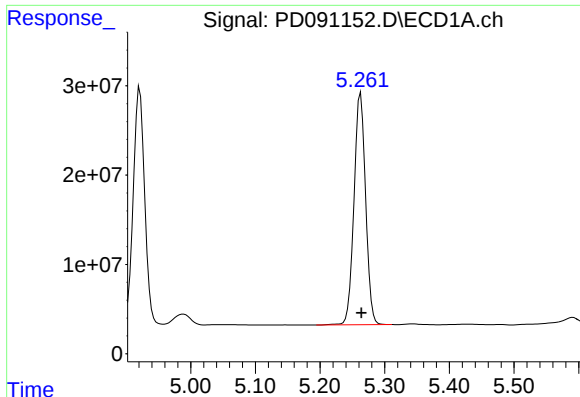
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 327903250
Conc: 58.66 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2481977656
Conc: 55.65 ng/ml



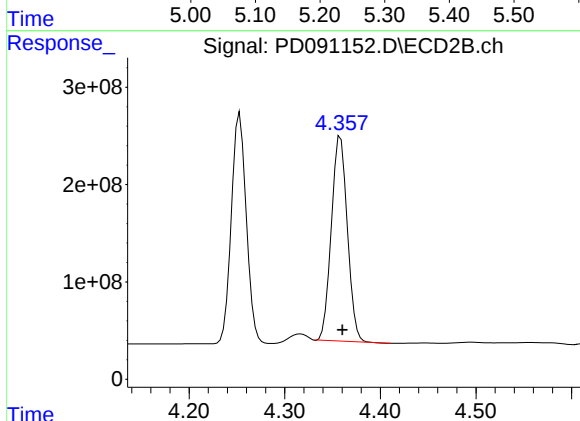
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 324700454
Conc: 49.59 ng/ml

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

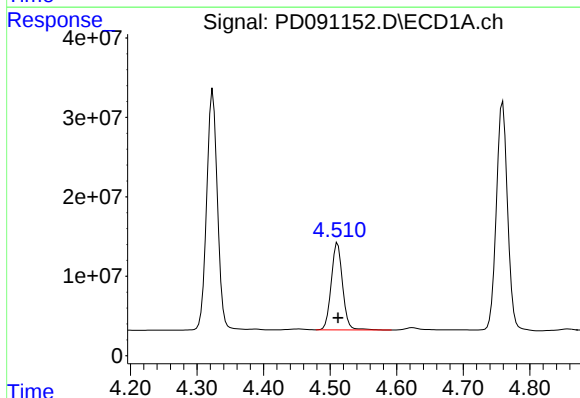
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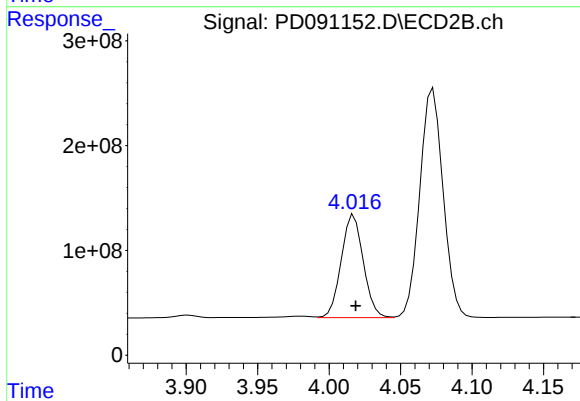
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2433173863
Conc: 52.53 ng/ml



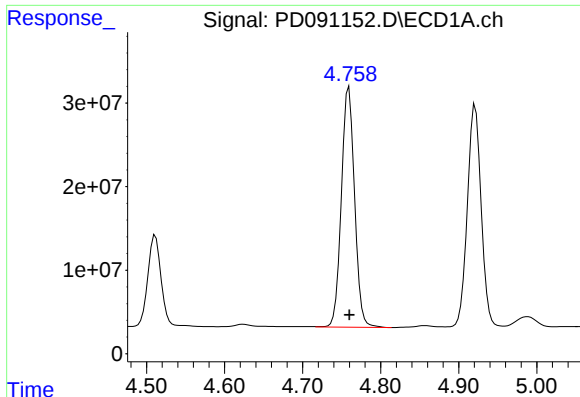
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 129649702
Conc: 49.49 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 1056829720
Conc: 53.30 ng/ml



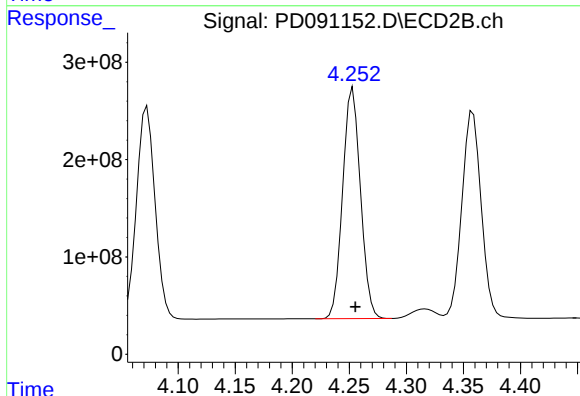
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 337397571
Conc: 49.90 ng/ml

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

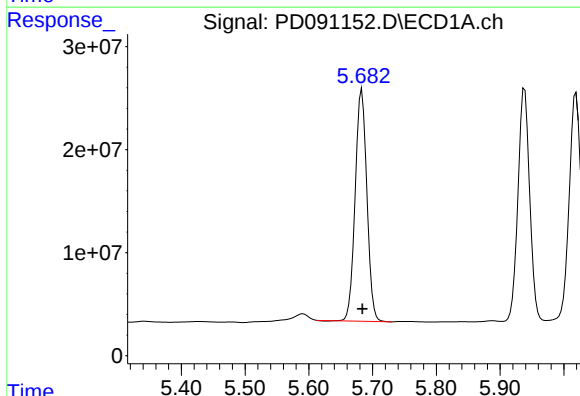
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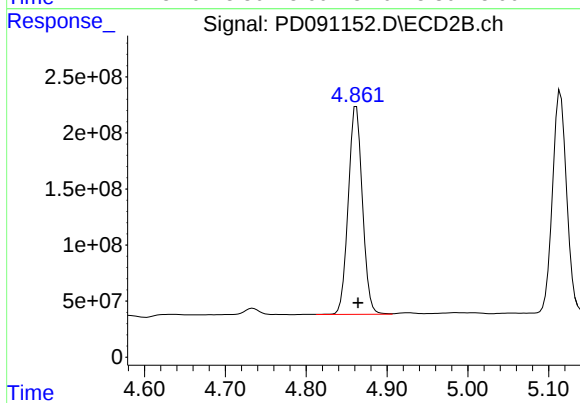
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2578930094
Conc: 54.05 ng/ml



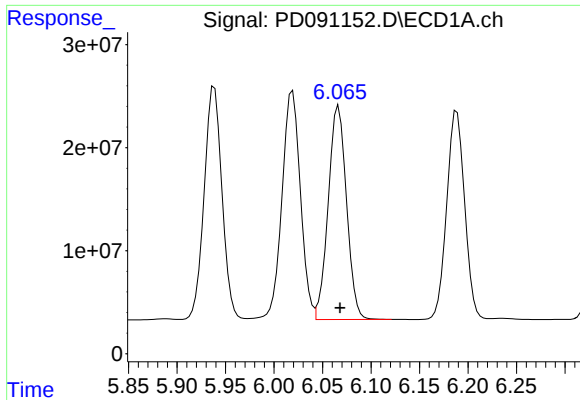
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 286585132
Conc: 49.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2263472052
Conc: 53.08 ng/ml



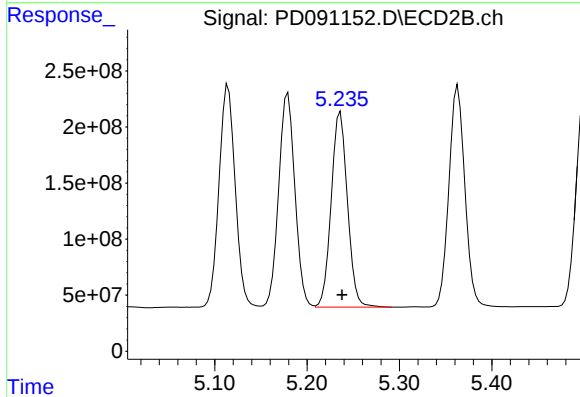
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 272209878
Conc: 49.17 ng/ml

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

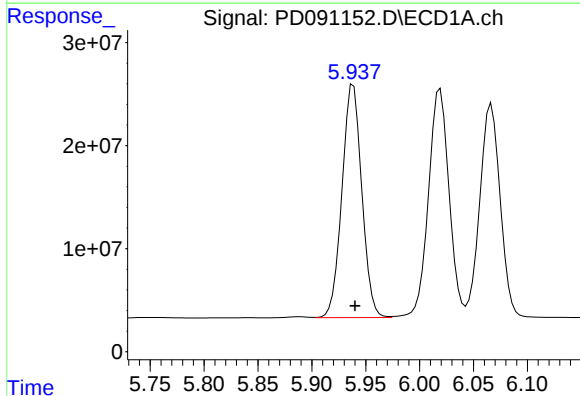
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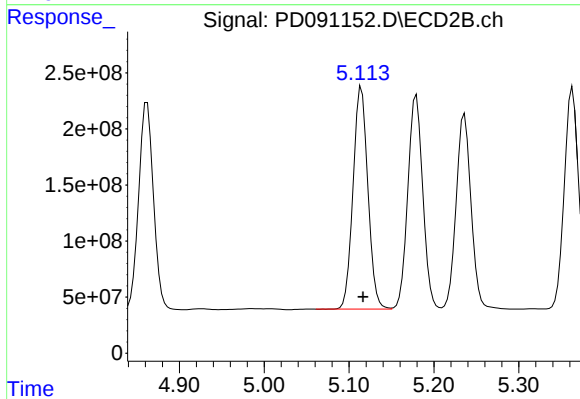
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 2125706161
Conc: 53.97 ng/ml



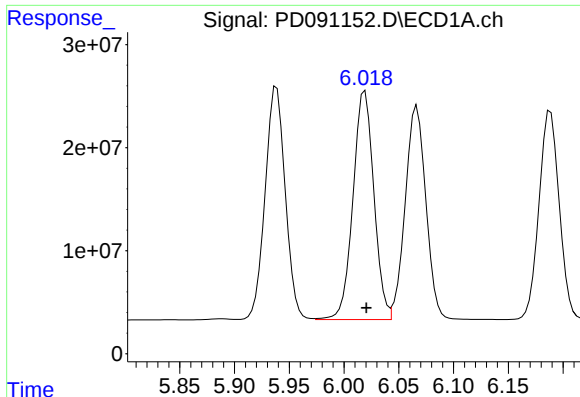
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 289697341
Conc: 48.84 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2410166018
Conc: 53.62 ng/ml



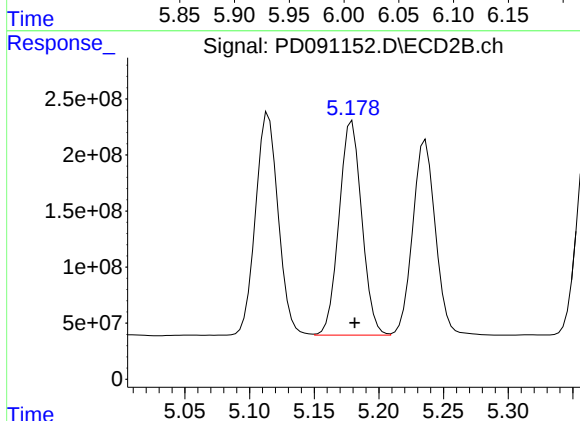
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 294696584
Conc: 47.68 ng/ml

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

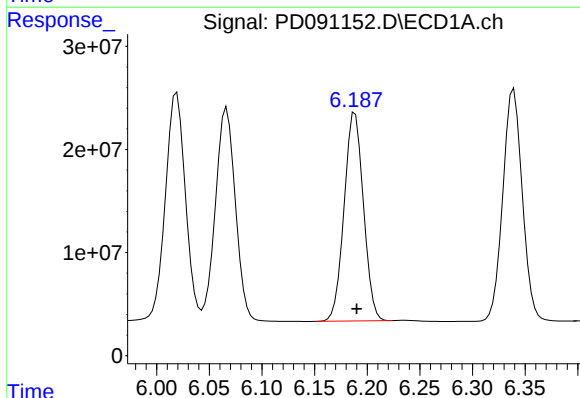
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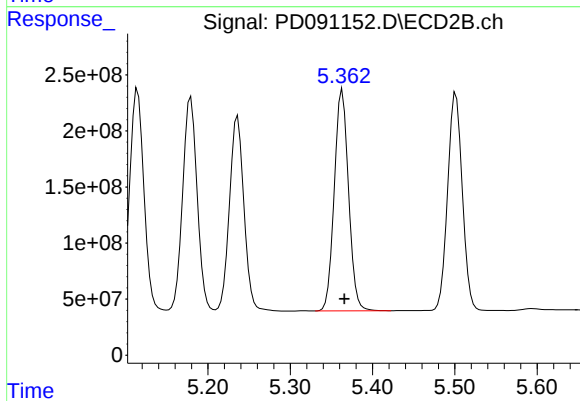
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 2332455200
Conc: 54.07 ng/ml



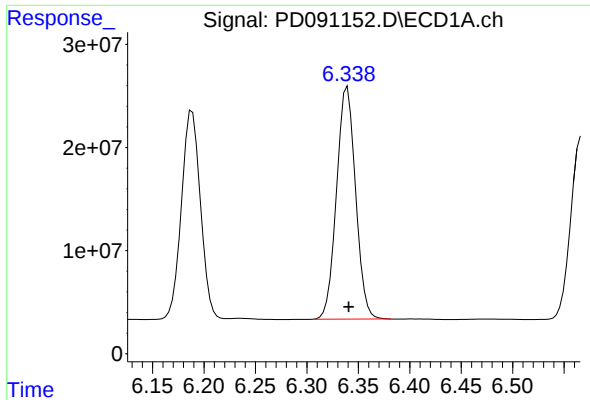
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 259201187
Conc: 48.66 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 2374659329
Conc: 54.17 ng/ml



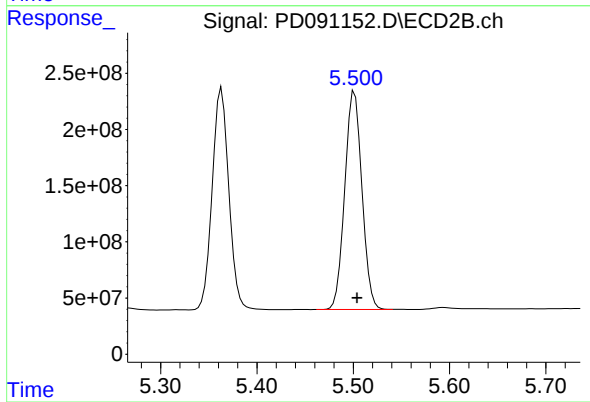
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 290060470
Conc: 49.74 ng/ml

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

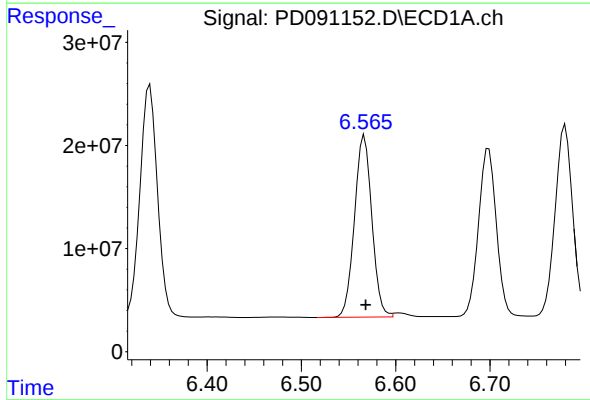
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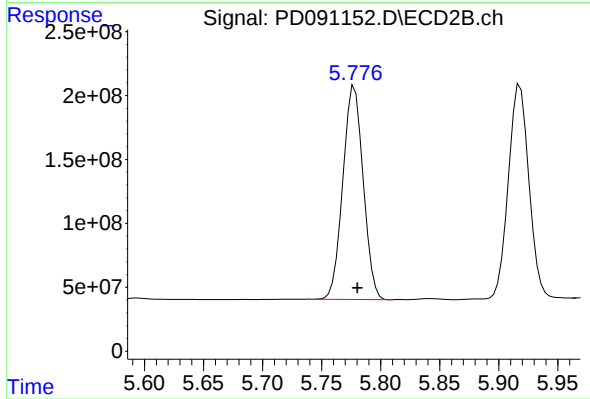
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.002 min
Response: 2396090863
Conc: 54.23 ng/ml



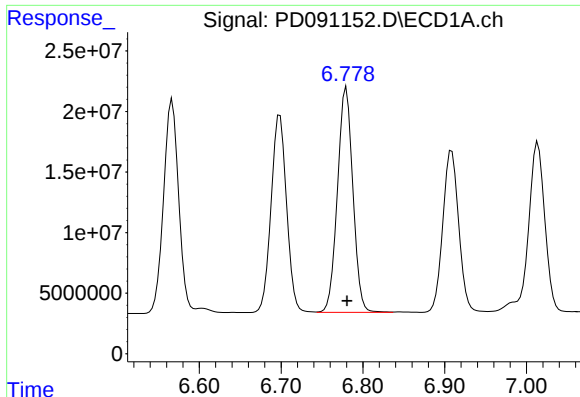
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.001 min
Response: 225650218
Conc: 45.55 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 2003494759
Conc: 49.48 ng/ml



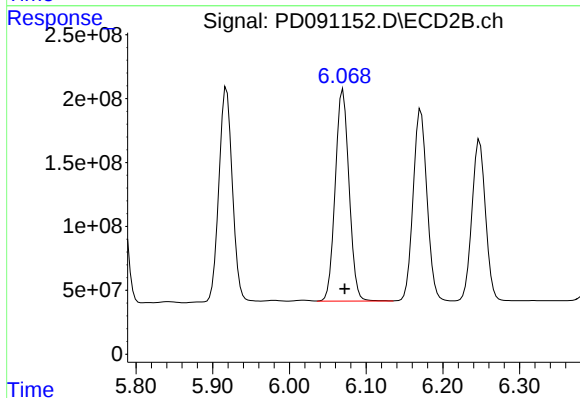
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 242904197
Conc: 48.58 ng/ml

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

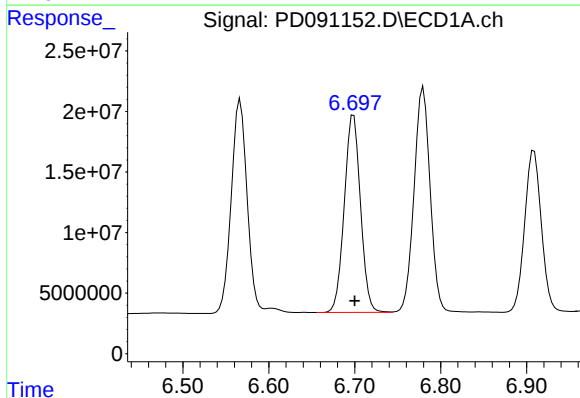
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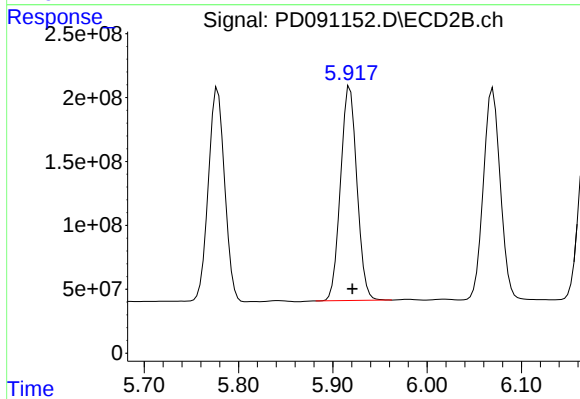
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 2070572254
Conc: 55.13 ng/ml



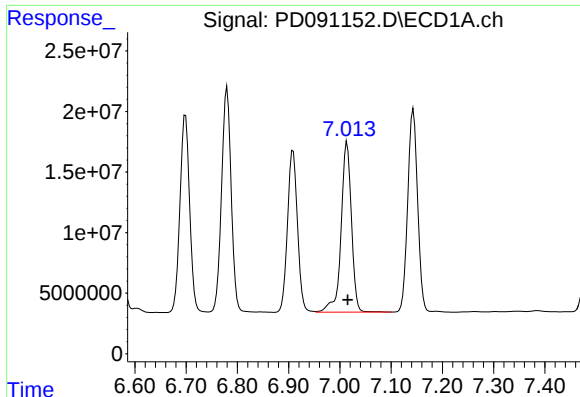
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 214479099
Conc: 52.90 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 2028757318
Conc: 55.68 ng/ml



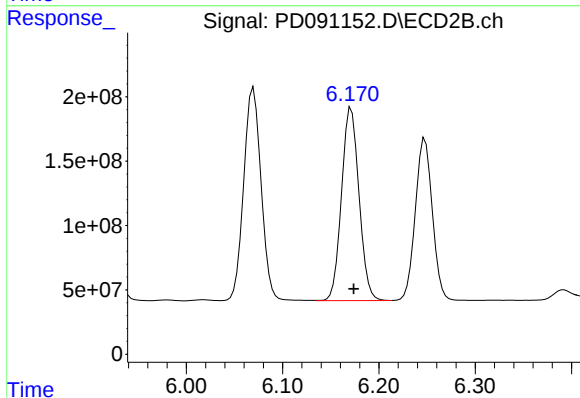
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 196885636
Conc: 47.90 ng/ml

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

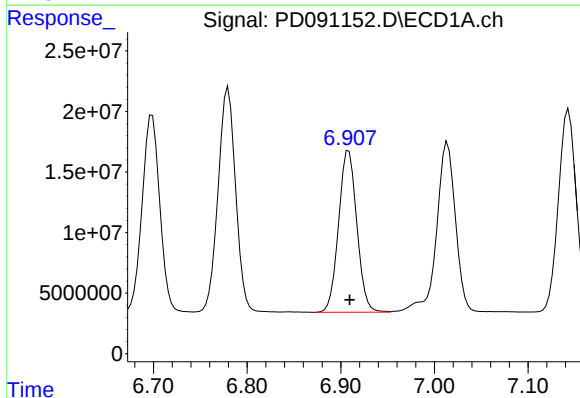
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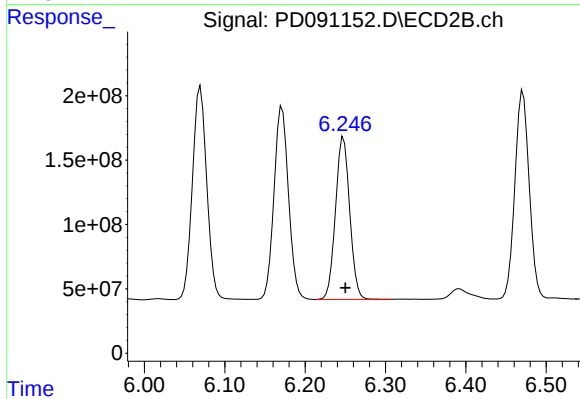
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1884217061
Conc: 53.72 ng/ml



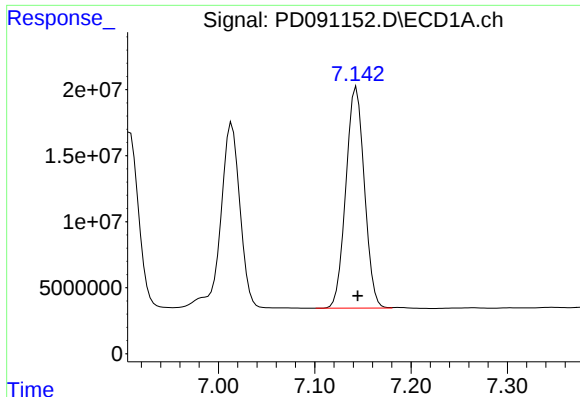
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 180858269
Conc: 49.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 1551937441
Conc: 56.04 ng/ml



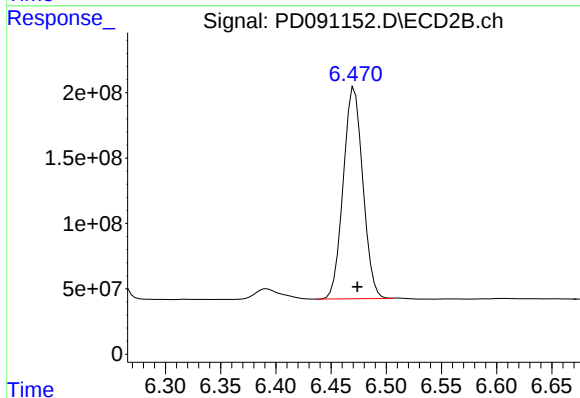
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 222804937
Conc: 48.04 ng/ml

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

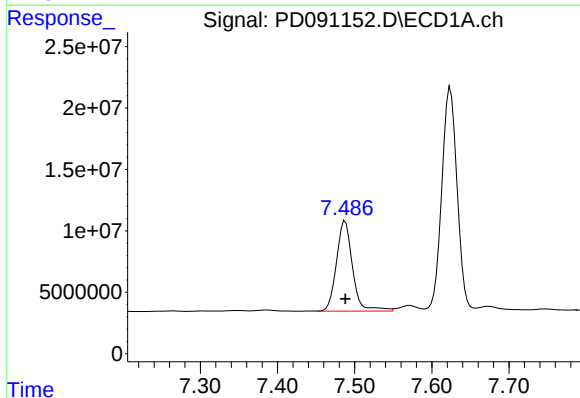
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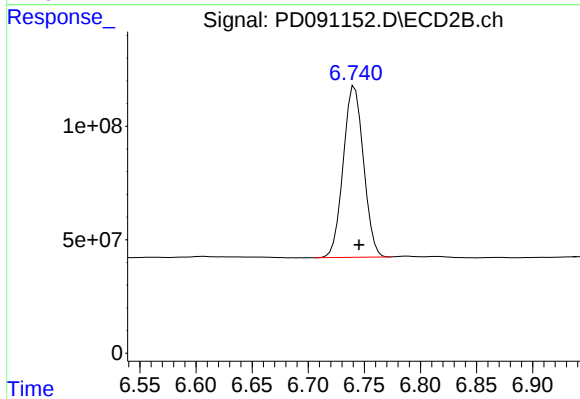
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1998719751
Conc: 55.76 ng/ml



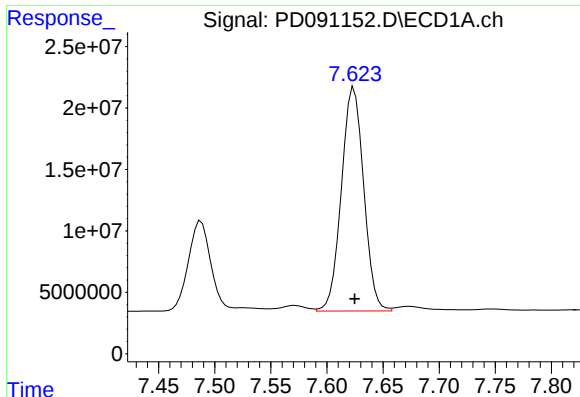
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 106522325
Conc: 50.11 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 948223920
Conc: 54.41 ng/ml



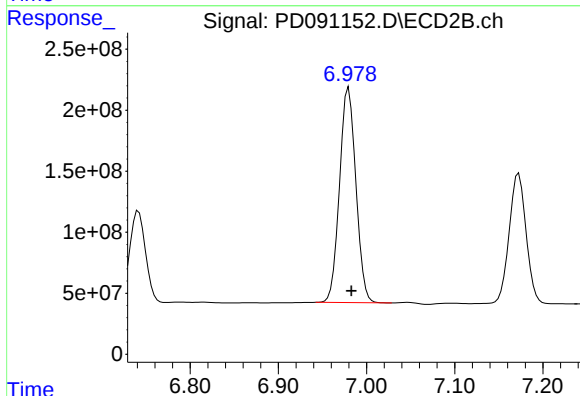
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 251951620
Conc: 51.85 ng/ml

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

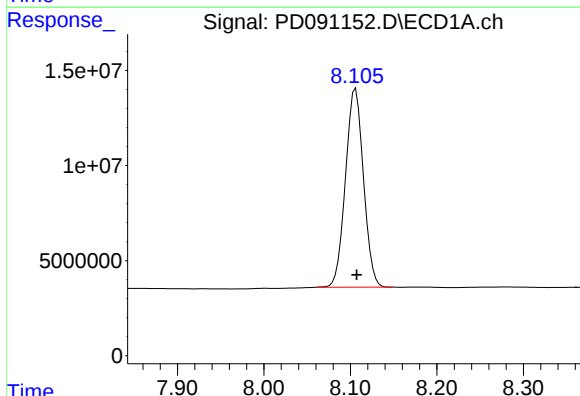
Manual Integrations
APPROVED

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



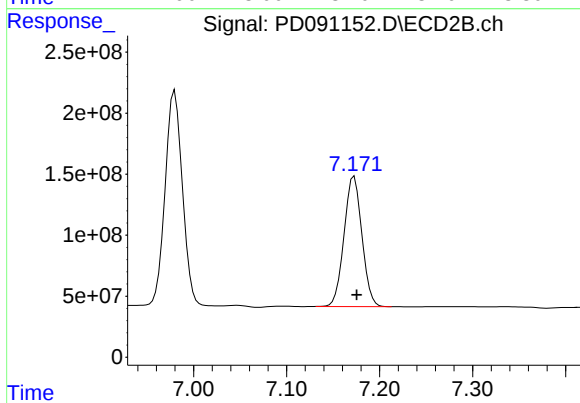
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 2270764172
Conc: 60.20 ng/ml



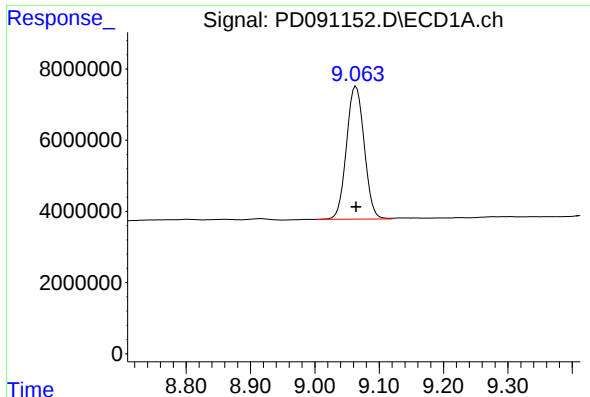
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.001 min
Response: 150300364
Conc: 46.96 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 1425683910
Conc: 55.49 ng/ml



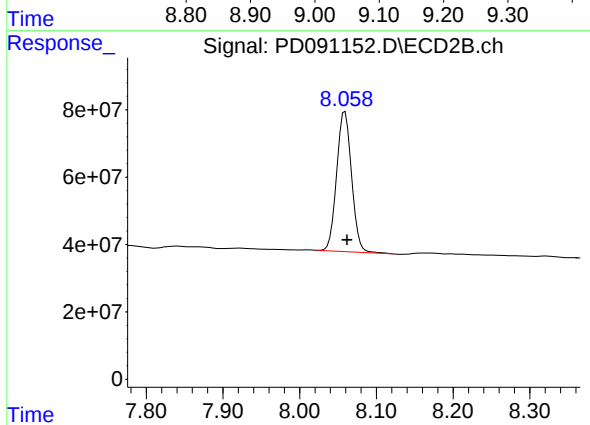
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 71486078
Conc: 15.28 ng/ml

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

Manual Integrations
APPROVED

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Supervised By :Sohil Jodhani 11/14/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 561782924
Conc: 18.55 ng/ml