

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
 Data File : PD090894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 19:00
 Operator : AR\AJ
 Sample : Q3466-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B8-0.0-1.0-20251023MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/29/2025
 Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:46:42 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	2.873	56251685	569.6E6	18.063m	19.128
28)	SA Decachlor...	9.062	8.057	70493079	456.2E6	15.069	15.061
Target Compounds							
2)	A alpha-BHC	3.993	3.385	356.0E6	2402.3E6	49.603	47.016
3)	MA gamma-BHC...	4.322	3.721	327.2E6	2160.3E6	48.119m	45.721
4)	MA Heptachlor	4.921	4.073	324.7E6	2182.3E6	58.085	48.927
5)	MB Aldrin	5.263	4.358	318.9E6	2112.2E6	48.715	45.600
6)	B beta-BHC	4.511	4.017	116.1E6	962.1E6	44.306	48.520
7)	B delta-BHC	4.759	4.253	338.2E6	2217.2E6	50.019	46.467
8)	B Heptachlo...	5.682	4.861	285.2E6	1956.7E6	49.268	45.889
9)	A Endosulfan I	6.066	5.236	269.9E6	1678.5E6	48.742	42.612
10)	B gamma-Chl...	5.936	5.114	279.4E6	2220.9E6	47.101m	49.410
11)	B alpha-Chl...	6.019	5.179	291.2E6	2053.7E6	47.126	47.607
12)	B 4,4'-DDE	6.189	5.363	249.7E6	2063.4E6	46.874	47.068
13)	MA Dieldrin	6.339	5.501	281.8E6	2213.2E6	48.332	50.090
14)	MA Endrin	6.566	5.776	243.6E6	1878.1E6	49.181	46.380m
15)	B Endosulfa...	6.779	6.069	235.5E6	1918.1E6	47.101	51.073
16)	A 4,4'-DDD	6.698	5.918	214.7E6	1612.1E6	52.949	44.242
17)	MA 4,4'-DDT	7.014	6.171	223.5E6	1881.1E6	54.361	53.633
18)	B Endrin al...	6.908	6.248	178.1E6	1328.4E6	48.627	47.971
19)	B Endosulfa...	7.142	6.471	217.3E6	1704.3E6	46.854	47.546
20)	A Methoxychlor	7.487	6.742	103.0E6	765.4E6	48.475	43.917
21)	B Endrin ke...	7.623	6.980	241.6E6	1679.4E6	49.725	44.525
22)	Mirex	8.104	7.171	147.6E6	1143.8E6	46.113m	44.522m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 19:00
Operator : AR\AJ
Sample : Q3466-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

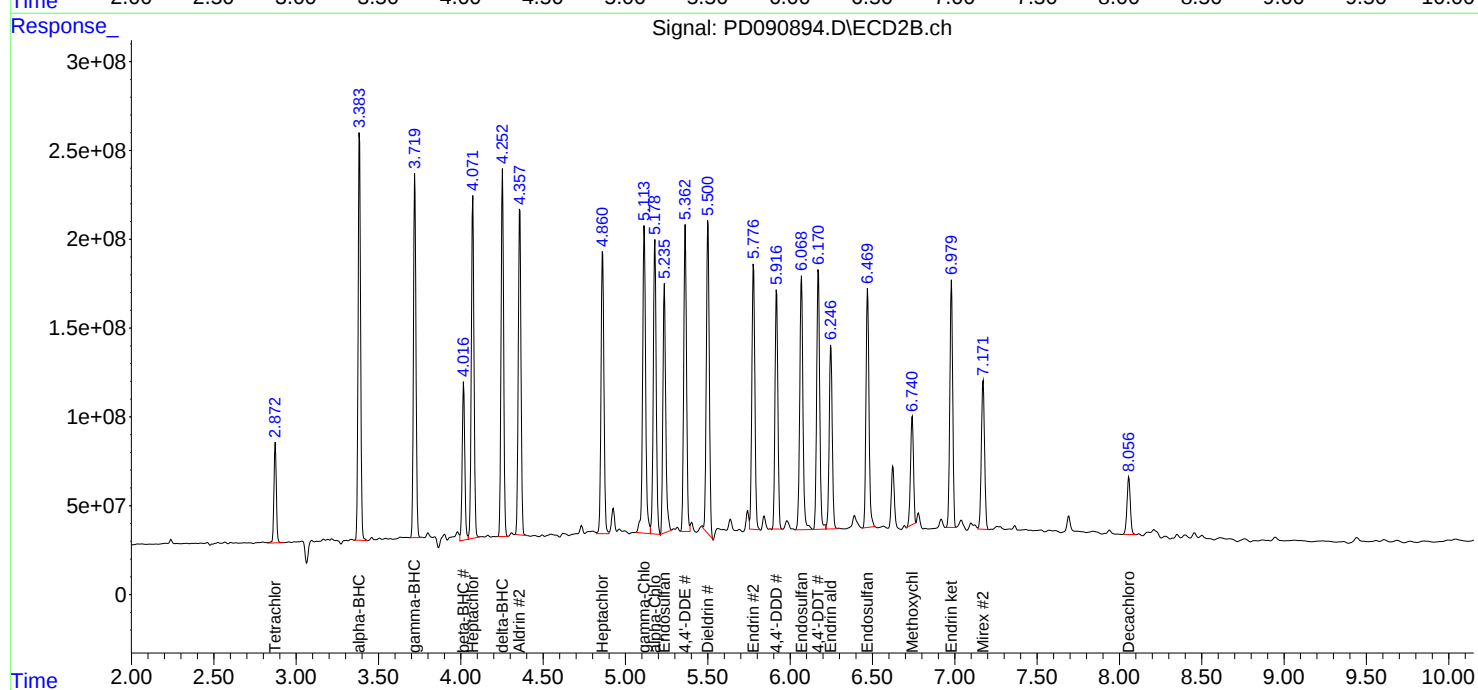
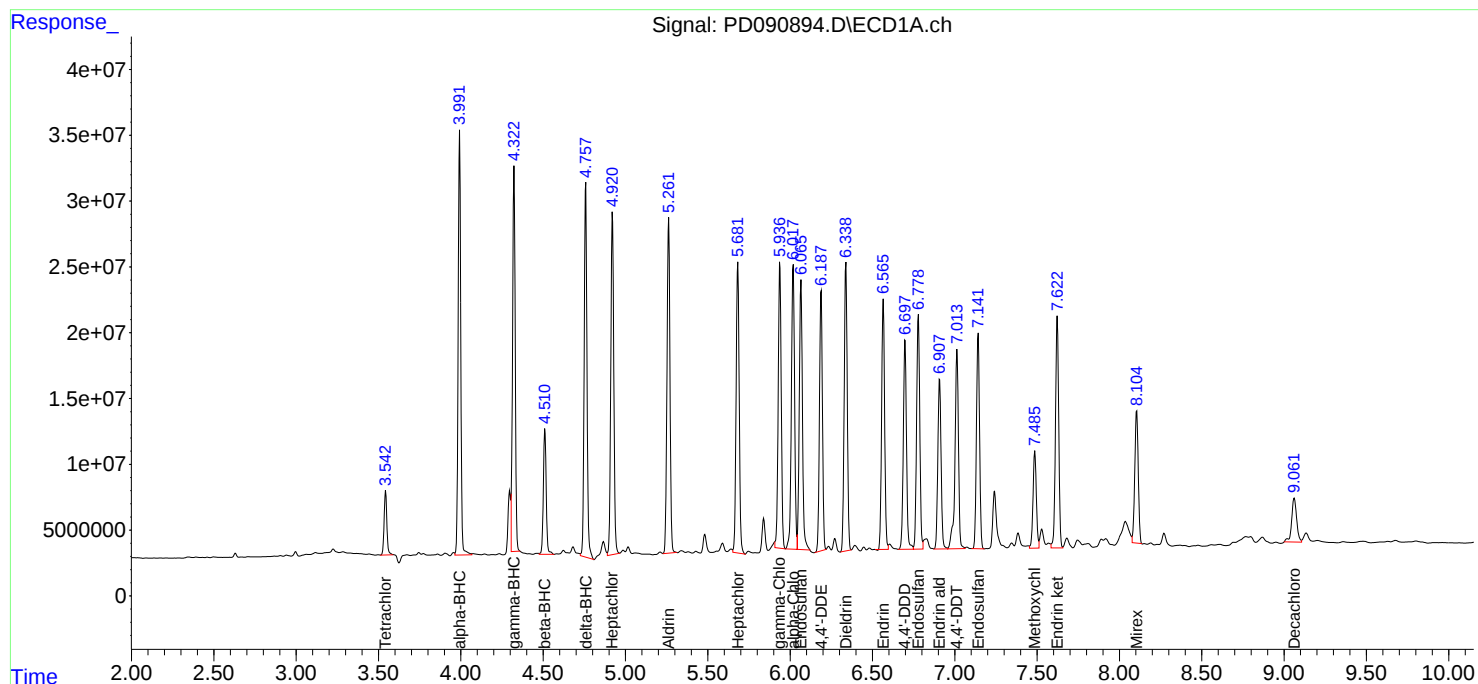
Instrument :
ECD_D
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B8-0.0-1.0-20251023MS

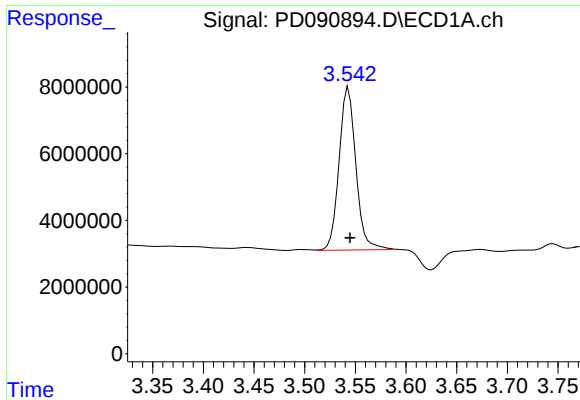
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:46:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
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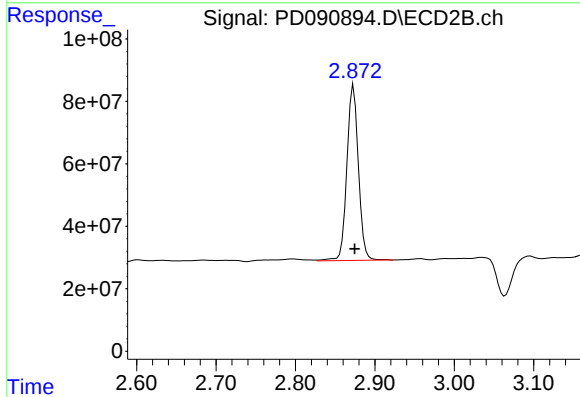
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 56251685
Conc: 18.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MS

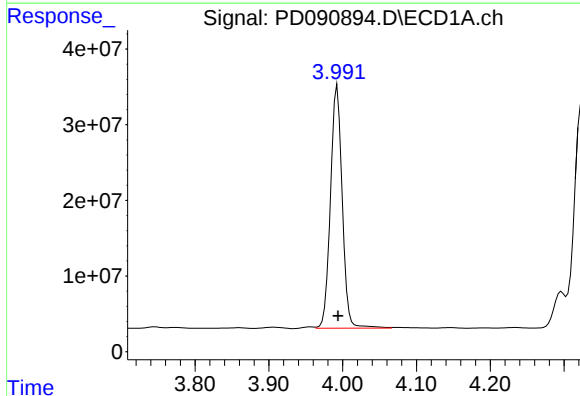
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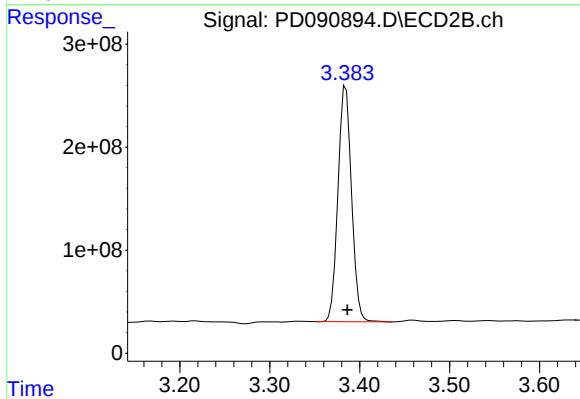
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 569590217
Conc: 19.13 ng/ml



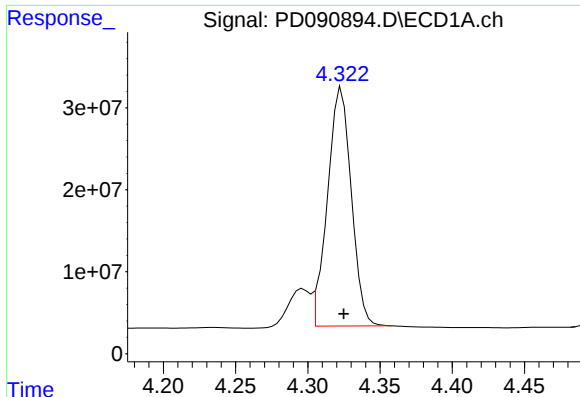
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 356008778
Conc: 49.60 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2402336813
Conc: 47.02 ng/ml



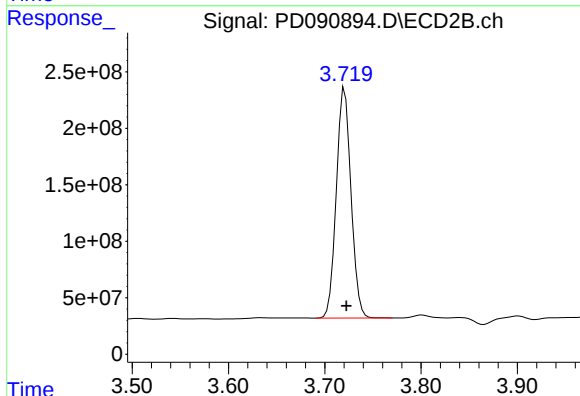
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 327153584
Conc: 48.12 ng/ml

Instrument :
ECD_D
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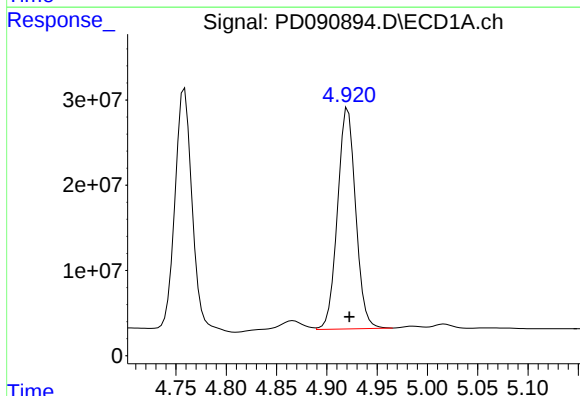
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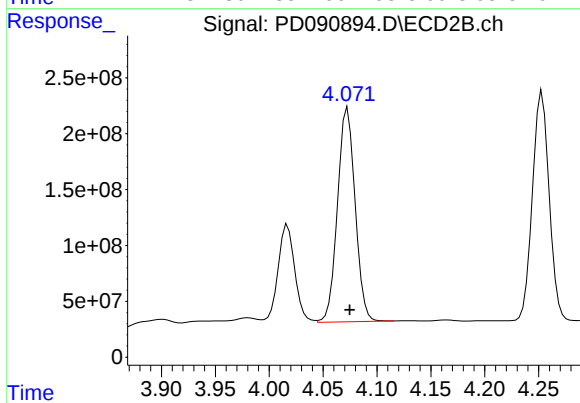
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2160269132
Conc: 45.72 ng/ml



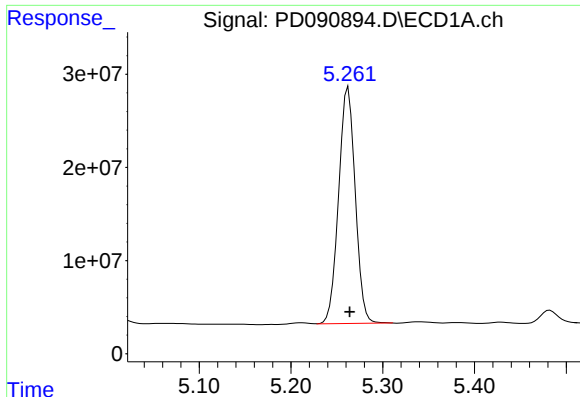
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 324670624
Conc: 58.09 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2182273628
Conc: 48.93 ng/ml



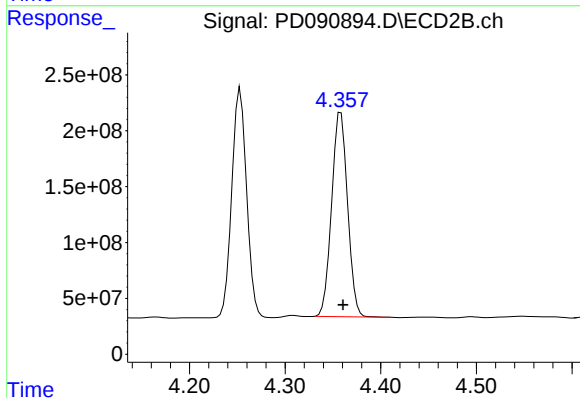
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 318947525
Conc: 48.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
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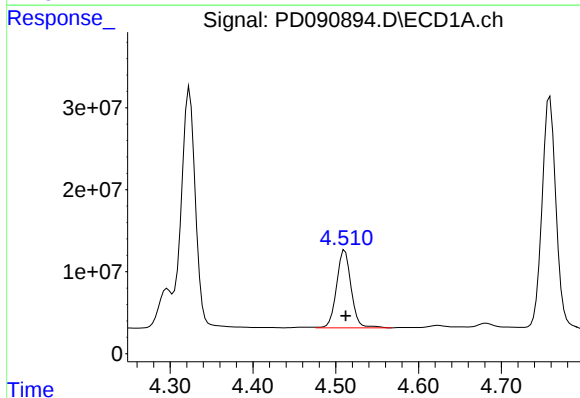
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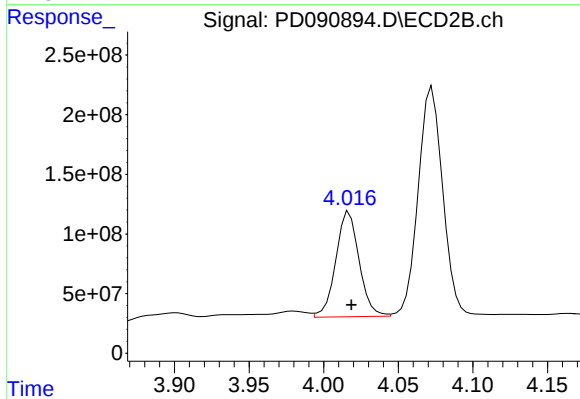
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2112162643
Conc: 45.60 ng/ml



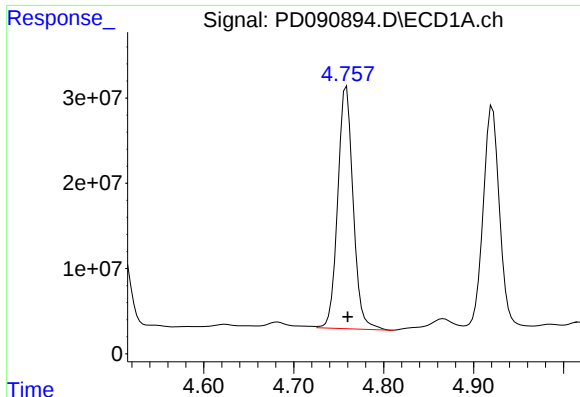
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 116066436
Conc: 44.31 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 962128036
Conc: 48.52 ng/ml



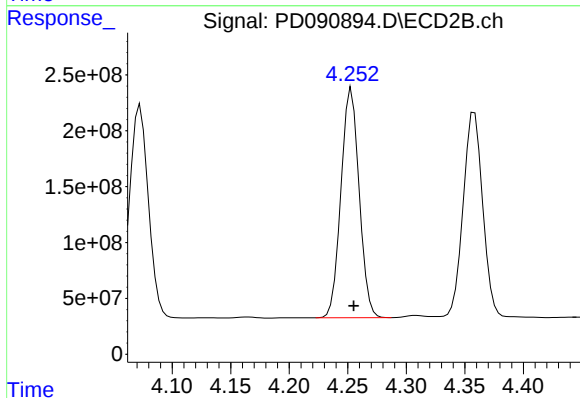
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 338212802
Conc: 50.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MS

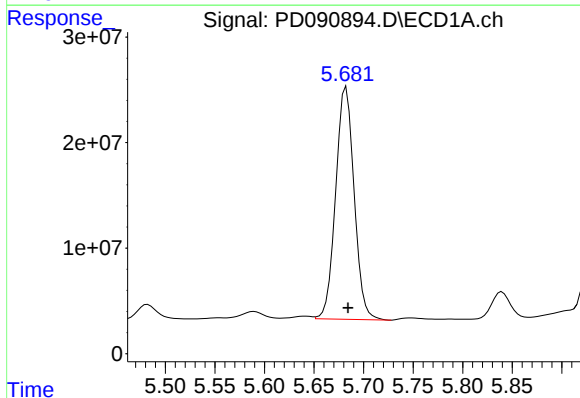
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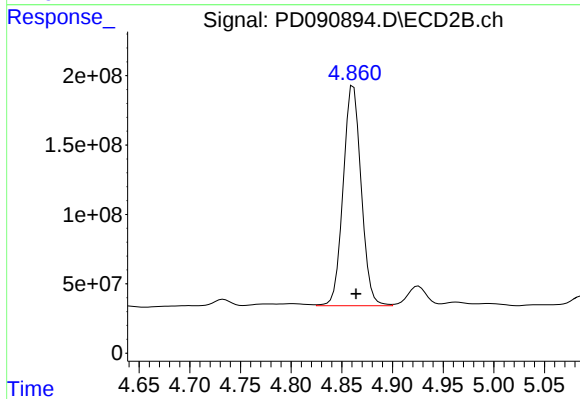
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2217229058
Conc: 46.47 ng/ml



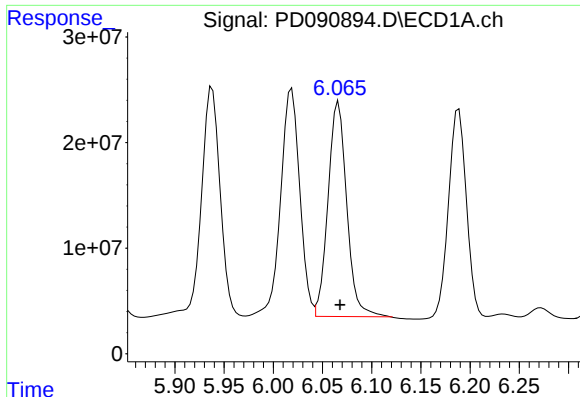
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 285218293
Conc: 49.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: -0.003 min
Response: 1956656286
Conc: 45.89 ng/ml



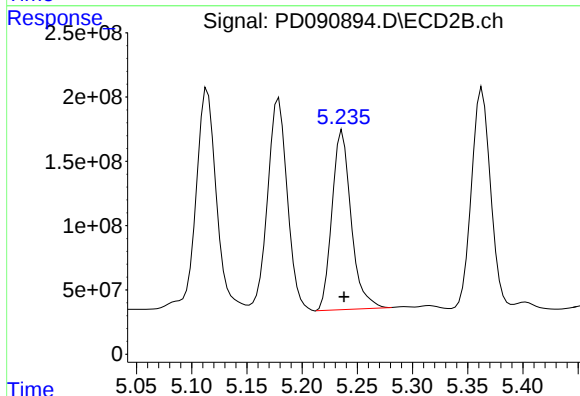
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 269866290
Conc: 48.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
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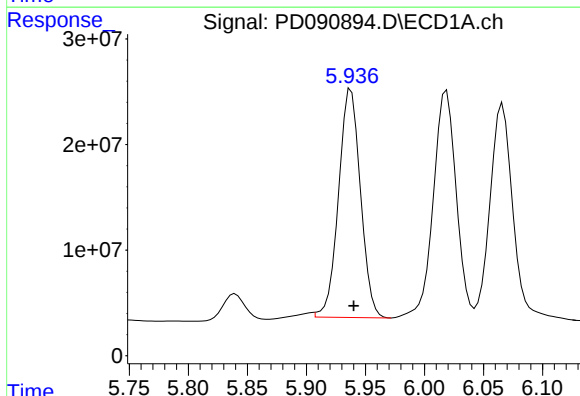
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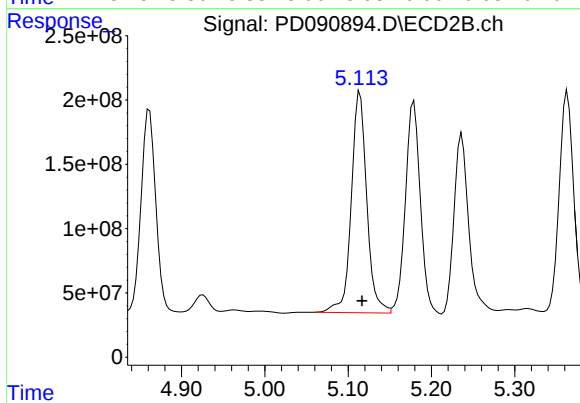
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1678497755
Conc: 42.61 ng/ml



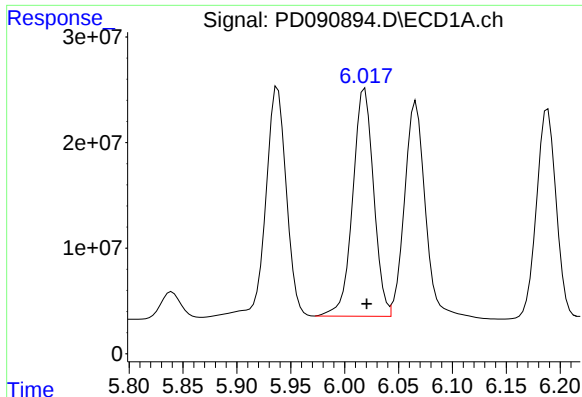
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 279365421
Conc: 47.10 ng/ml m



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2220910680
Conc: 49.41 ng/ml



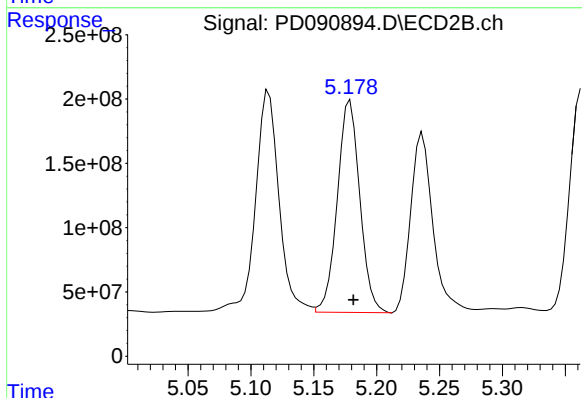
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 291249801
Conc: 47.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
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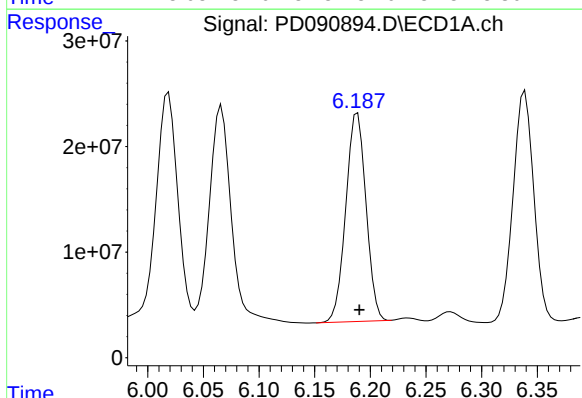
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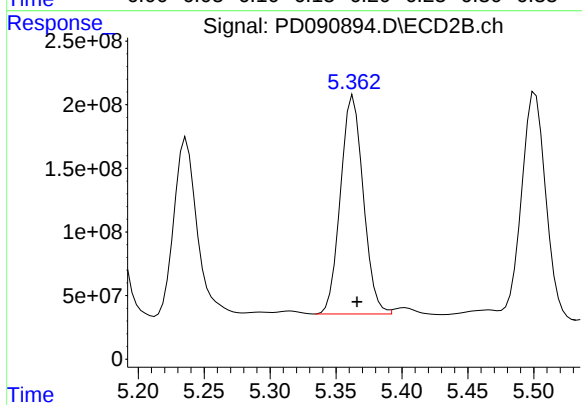
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 2053656322
Conc: 47.61 ng/ml



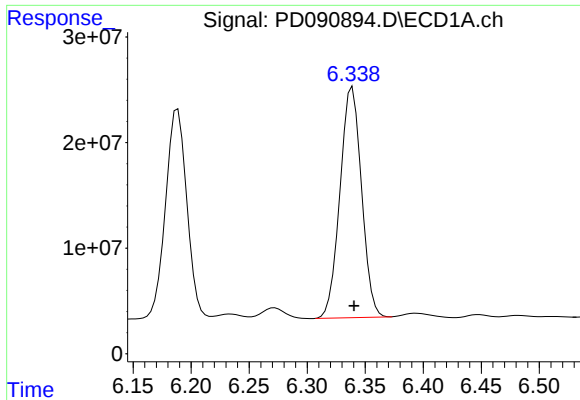
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 249681168
Conc: 46.87 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 2063362004
Conc: 47.07 ng/ml



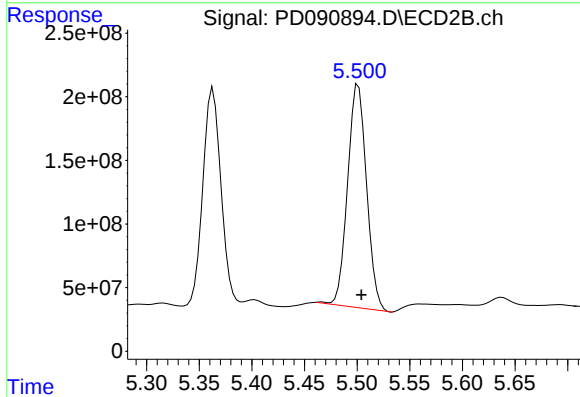
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 281843046
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MS

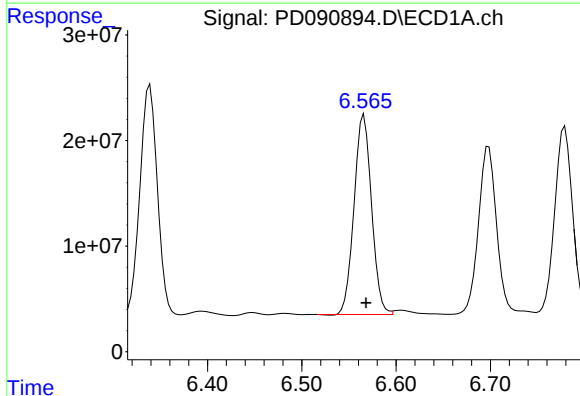
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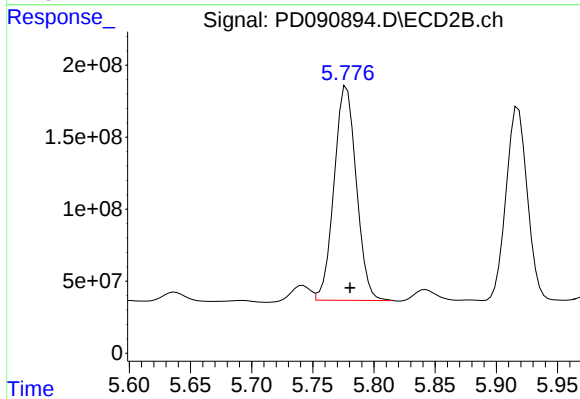
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2213180301
Conc: 50.09 ng/ml



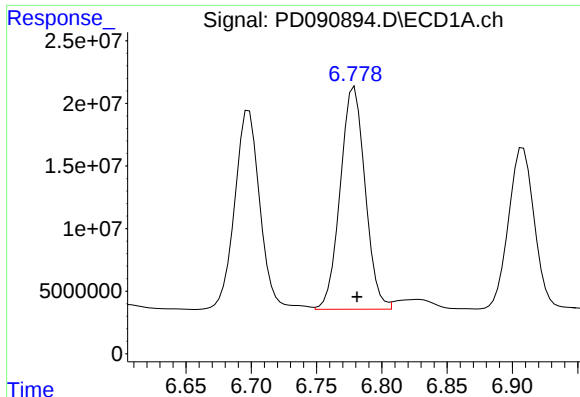
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 243627475
Conc: 49.18 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.004 min
Response: 1878114421
Conc: 46.38 ng/ml m



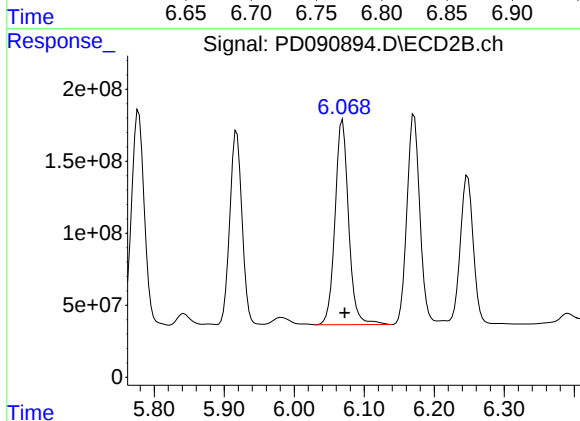
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 235505042
Conc: 47.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MS

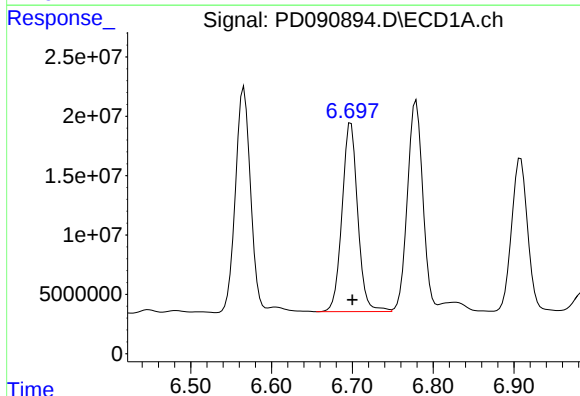
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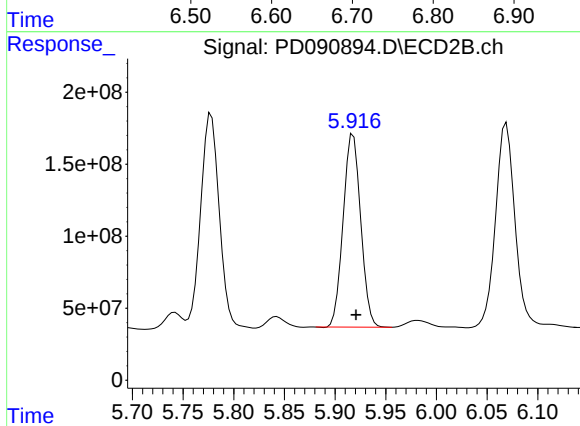
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1918057013
Conc: 51.07 ng/ml



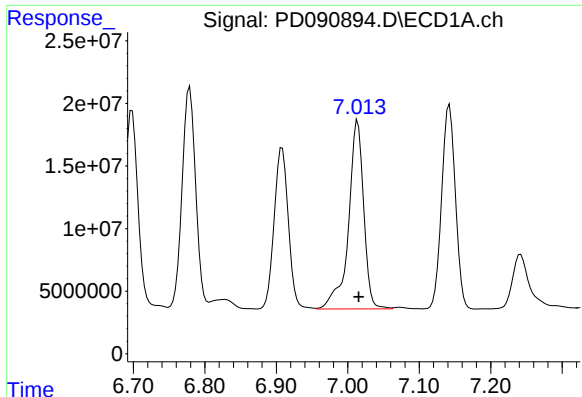
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 214666860
Conc: 52.95 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 1612099894
Conc: 44.24 ng/ml



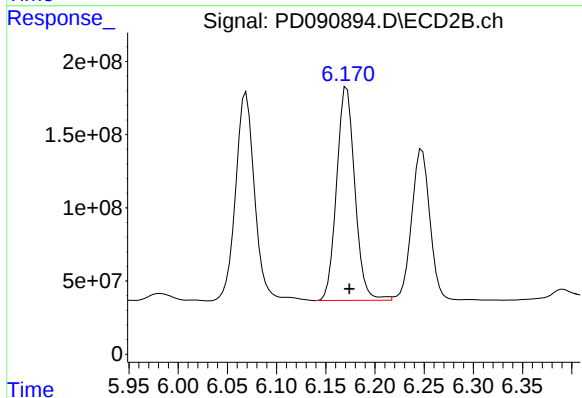
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 223451106
Conc: 54.36 ng/ml

Instrument :
ECD_D
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B8-0.0-1.0-20251023MS

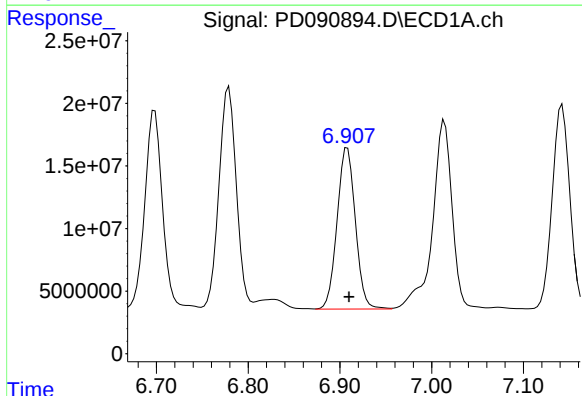
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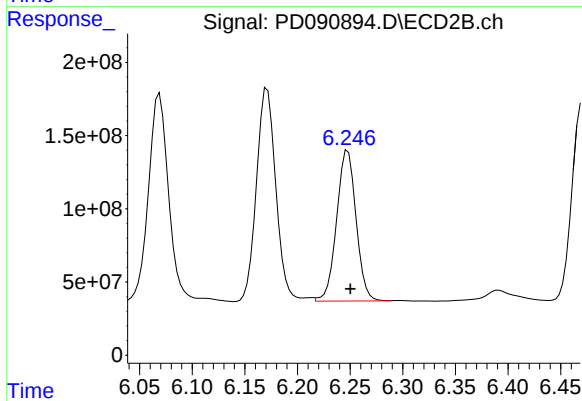
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1881087470
Conc: 53.63 ng/ml



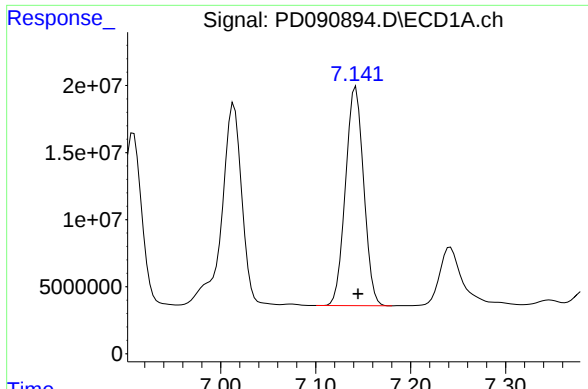
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 178105972
Conc: 48.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 1328443168
Conc: 47.97 ng/ml



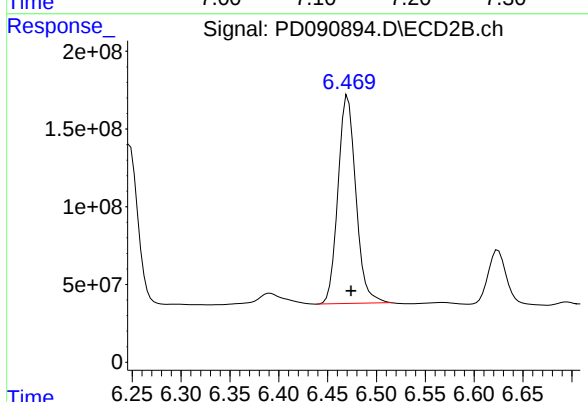
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.002 min
Response: 217317431
Conc: 46.85 ng/ml

Instrument :
ECD_D
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B8-0.0-1.0-20251023MS

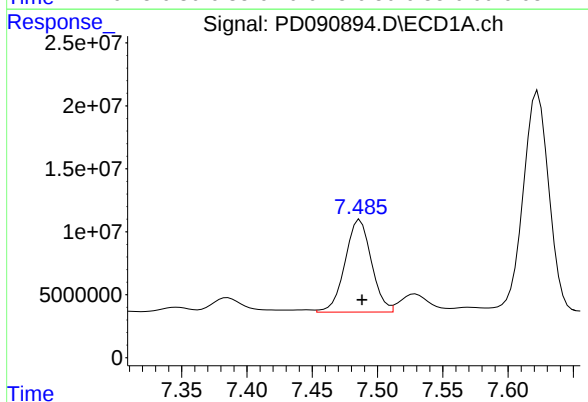
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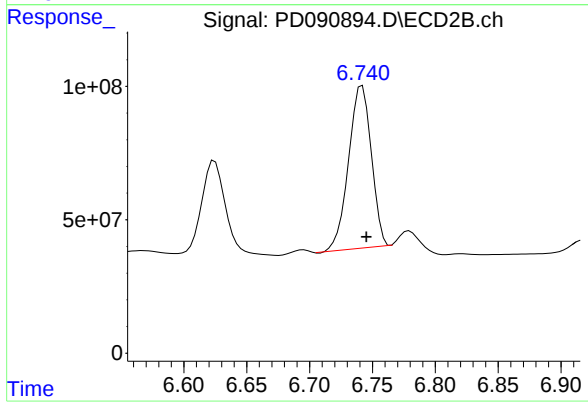
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1704285972
Conc: 47.55 ng/ml



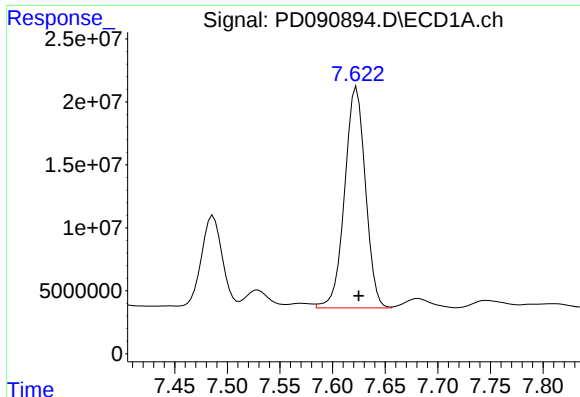
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 103037414
Conc: 48.47 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 765381342
Conc: 43.92 ng/ml



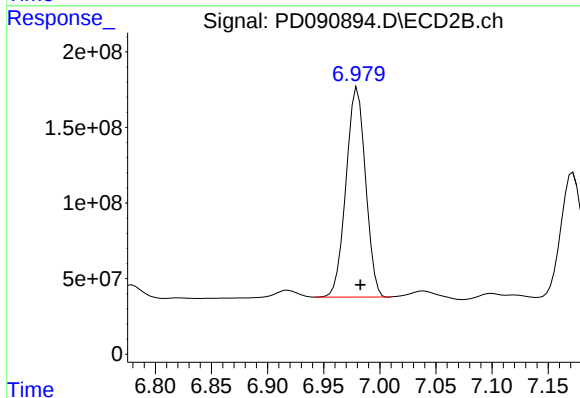
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 241604439
Conc: 49.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MS

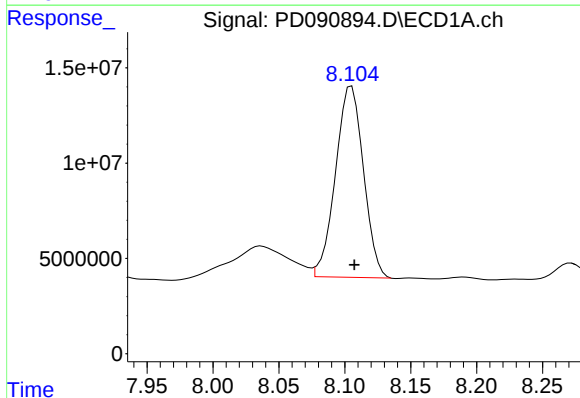
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



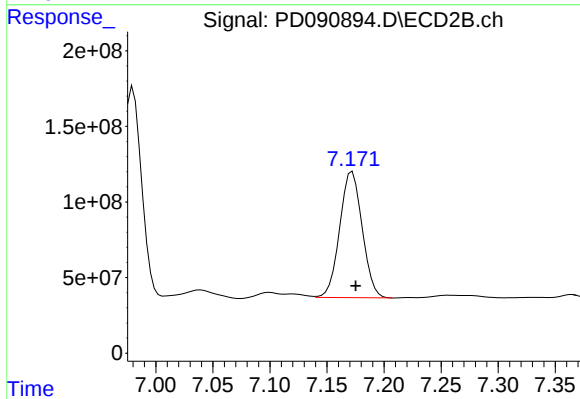
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1679384103
Conc: 44.53 ng/ml



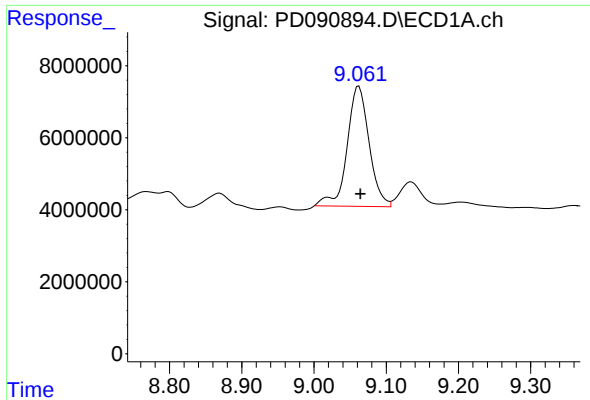
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.004 min
Response: 147599712
Conc: 46.11 ng/ml m



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.004 min
Response: 1143808522
Conc: 44.52 ng/ml m



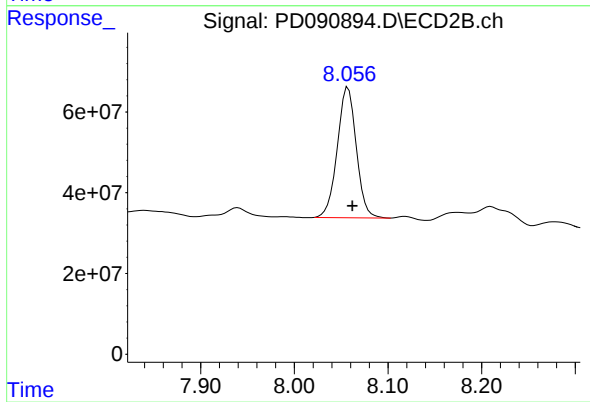
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 70493079
Conc: 15.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.004 min
Response: 456207957
Conc: 15.06 ng/ml