

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
 Data File : PD090895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 19:14
 Operator : AR\AJ
 Sample : Q3466-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

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 01:46:52 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	59990670	605.0E6	19.264m	20.317
28)	SA Decachlor...	9.062	8.058	69061444	461.5E6	14.763	15.236
Target Compounds							
2)	A alpha-BHC	3.993	3.385	380.8E6	2570.5E6	53.053	50.307
3)	MA gamma-BHC...	4.322	3.721	355.8E6	2298.7E6	52.331m	48.652
4)	MA Heptachlor	4.921	4.073	346.3E6	2326.5E6	61.956	52.160
5)	MB Aldrin	5.262	4.358	339.4E6	2238.2E6	51.840	48.323
6)	B beta-BHC	4.511	4.017	122.2E6	1027.0E6	46.640	51.791
7)	B delta-BHC	4.759	4.253	358.6E6	2352.0E6	53.028	49.291
8)	B Heptachlo...	5.683	4.862	304.2E6	2068.0E6	52.540	48.501
9)	A Endosulfan I	6.067	5.237	287.6E6	1771.9E6	51.937	44.983
10)	B gamma-Chl...	5.937	5.115	296.2E6	2347.7E6	49.944m	52.230
11)	B alpha-Chl...	6.019	5.179	313.4E6	2169.5E6	50.707	50.293
12)	B 4,4'-DDE	6.189	5.364	264.0E6	2177.9E6	49.571	49.679
13)	MA Dieldrin	6.339	5.501	298.2E6	2336.0E6	51.134	52.870
14)	MA Endrin	6.566	5.777	258.5E6	1963.6E6	52.181	48.490m
15)	B Endosulfa...	6.779	6.070	249.1E6	1995.6E6	49.822	53.137
16)	A 4,4'-DDD	6.698	5.919	226.5E6	1676.2E6	55.871	46.001
17)	MA 4,4'-DDT	7.013	6.171	238.7E6	1955.6E6	58.082	55.758
18)	B Endrin al...	6.908	6.248	187.6E6	1396.9E6	51.225	50.443
19)	B Endosulfa...	7.143	6.471	227.7E6	1766.6E6	49.102	49.284
20)	A Methoxychlor	7.486	6.742	108.1E6	805.8E6	50.852	46.235
21)	B Endrin ke...	7.622	6.980	255.1E6	1733.1E6	52.508	45.949
22)	Mirex	8.103	7.172	153.1E6	1147.9E6	47.822m	44.682

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 19:14
Operator : AR\AJ
Sample : Q3466-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

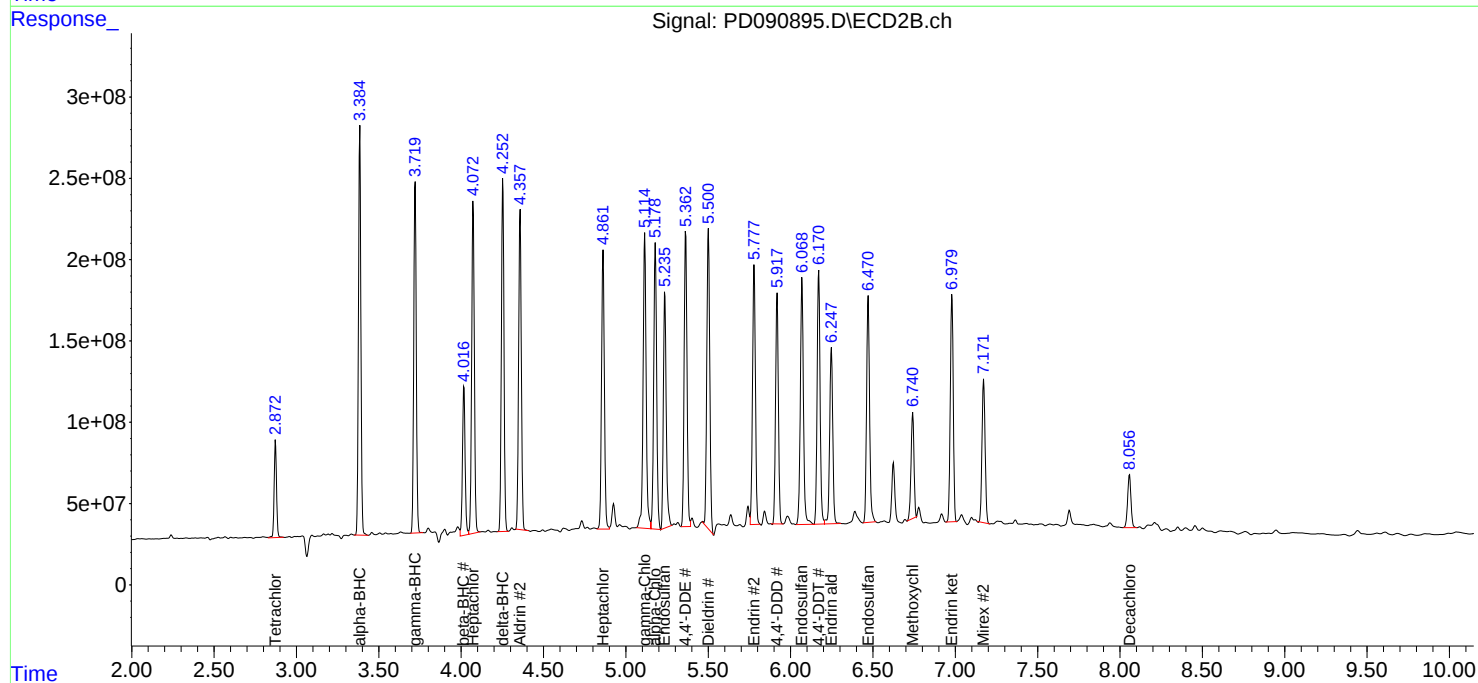
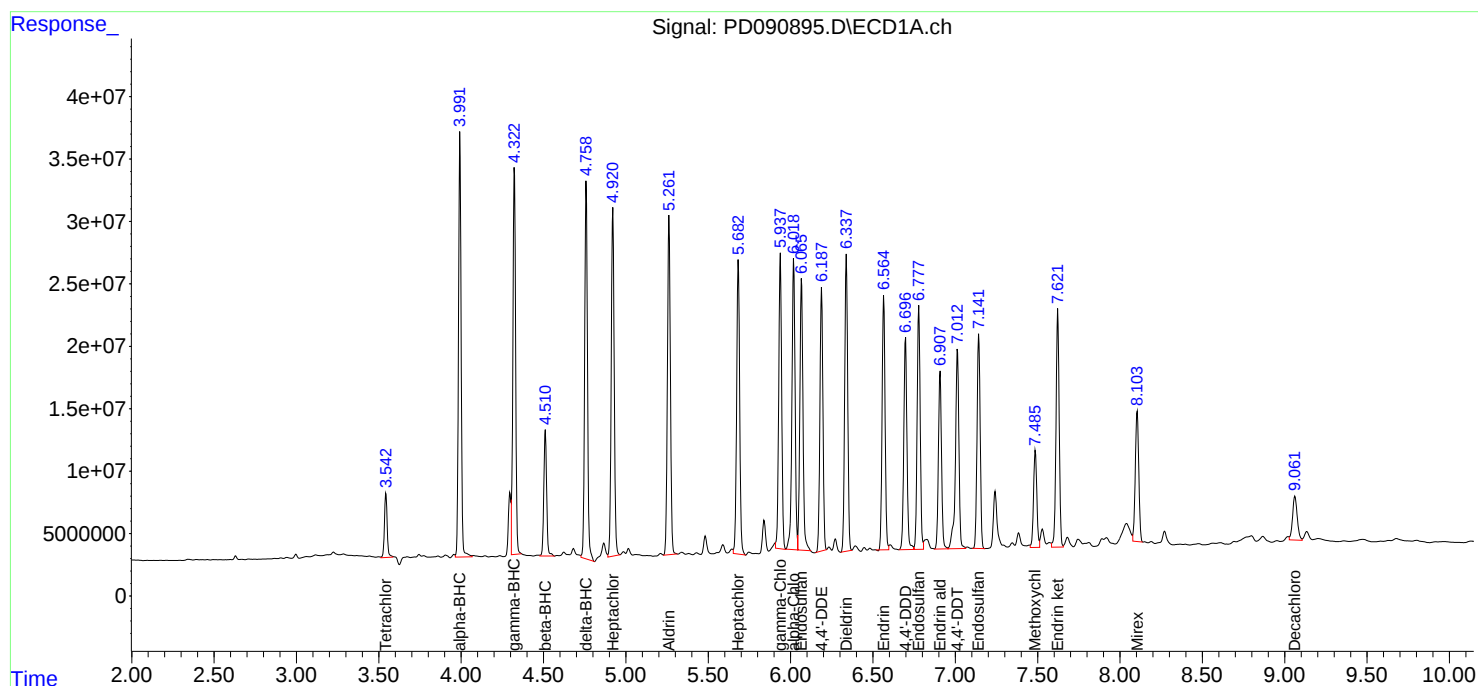
Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD

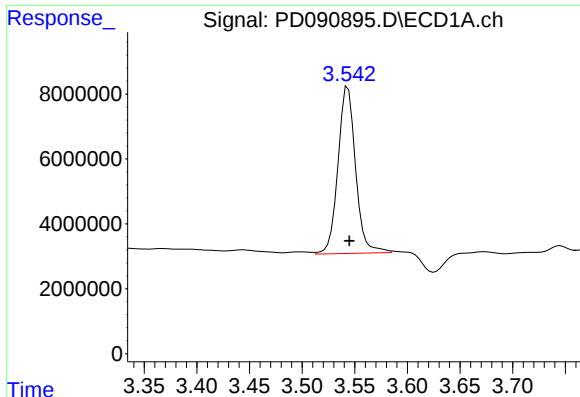
Manual Integrations
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Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:46:52 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





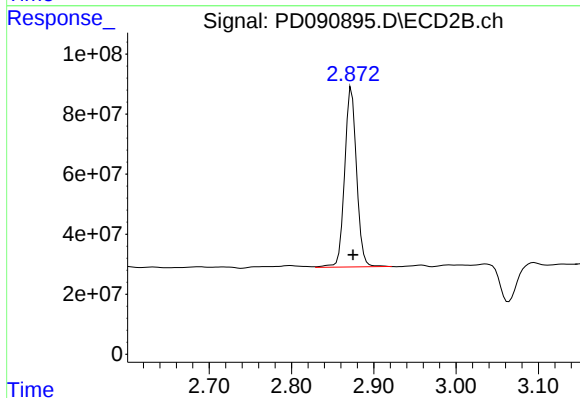
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 59990670
Conc: 19.26 ng/ml

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

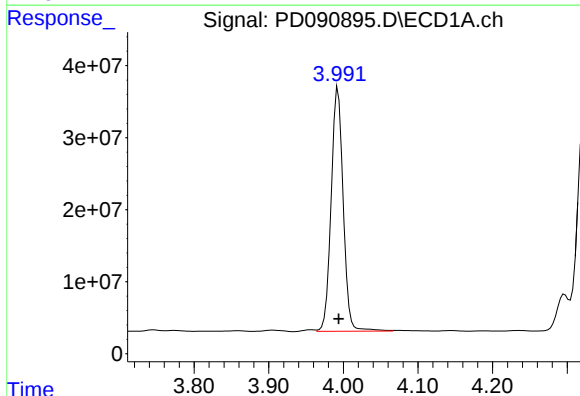
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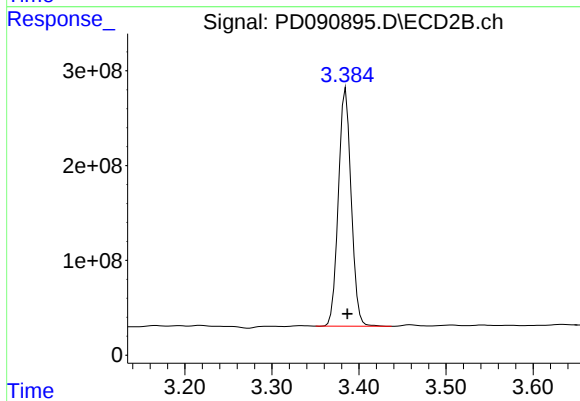
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 604985819
Conc: 20.32 ng/ml



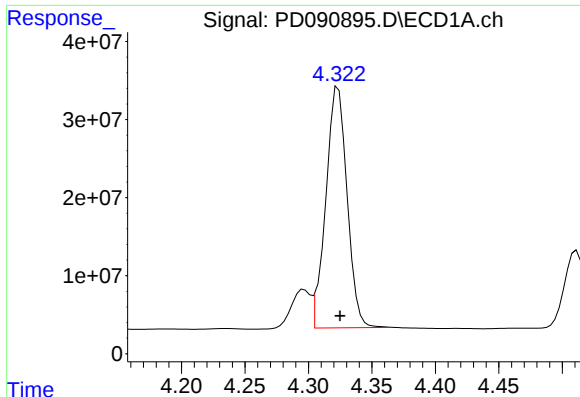
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 380765622
Conc: 53.05 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2570456516
Conc: 50.31 ng/ml



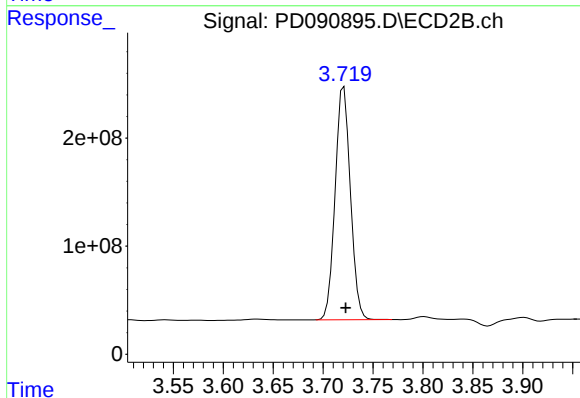
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 355787163
Conc: 52.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
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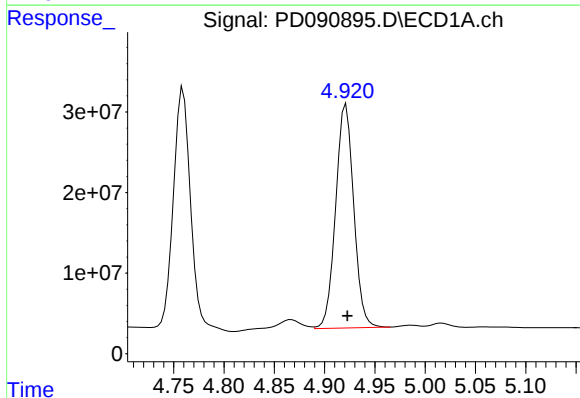
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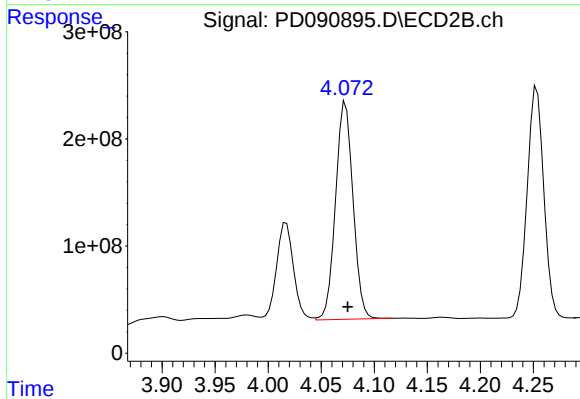
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2298737415
Conc: 48.65 ng/ml



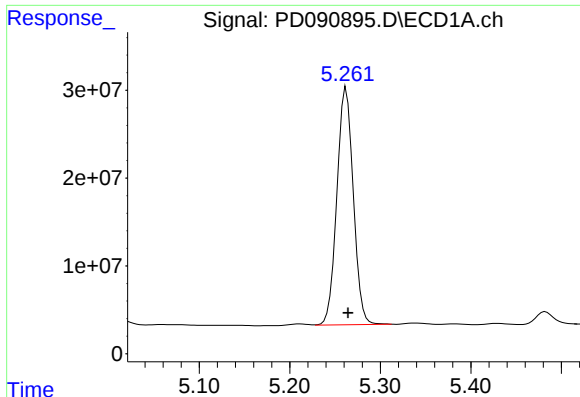
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 346308401
Conc: 61.96 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2326475387
Conc: 52.16 ng/ml



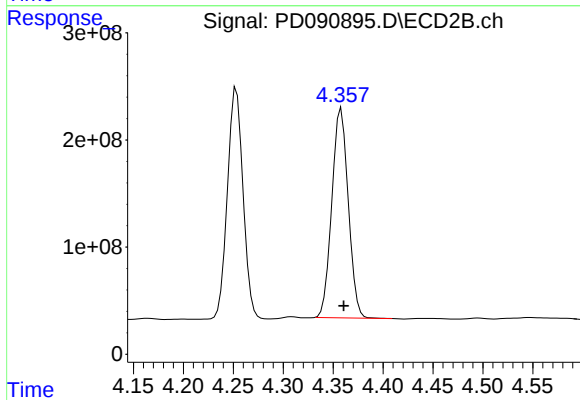
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 339408384
Conc: 51.84 ng/ml

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

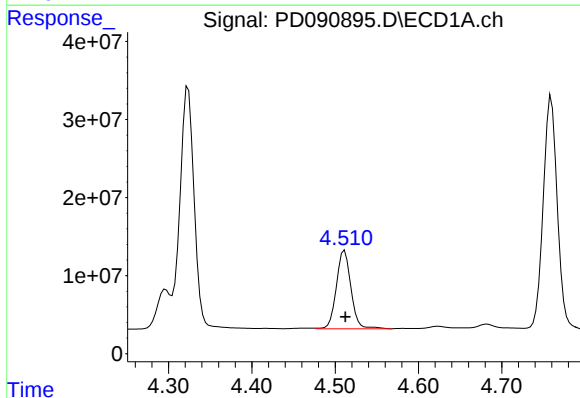
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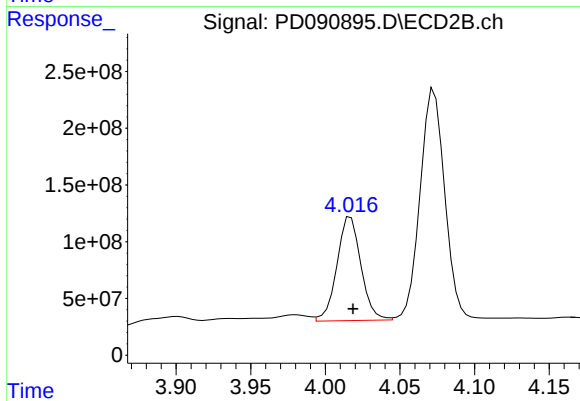
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2238248011
Conc: 48.32 ng/ml



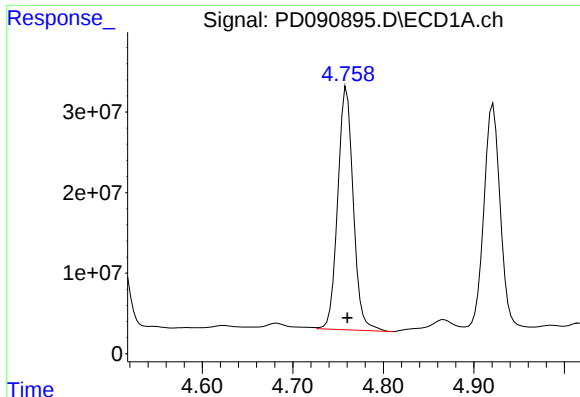
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 122179310
Conc: 46.64 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 1026993318
Conc: 51.79 ng/ml



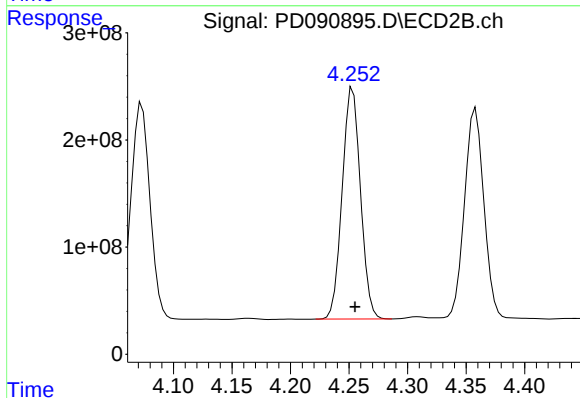
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 358559451
Conc: 53.03 ng/ml

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

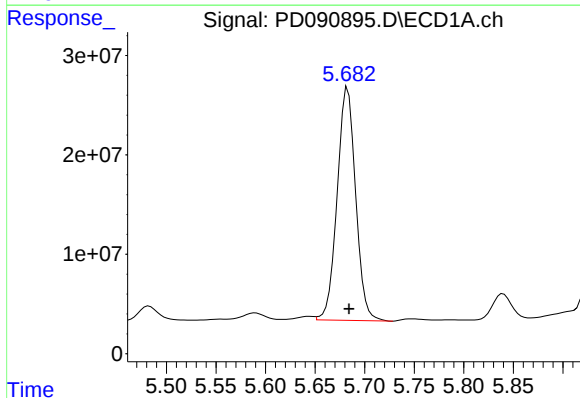
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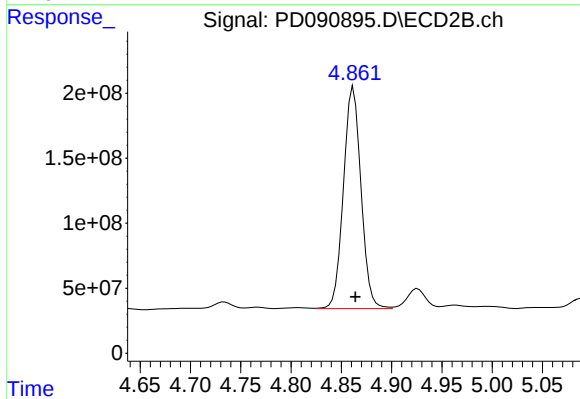
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2352013486
Conc: 49.29 ng/ml



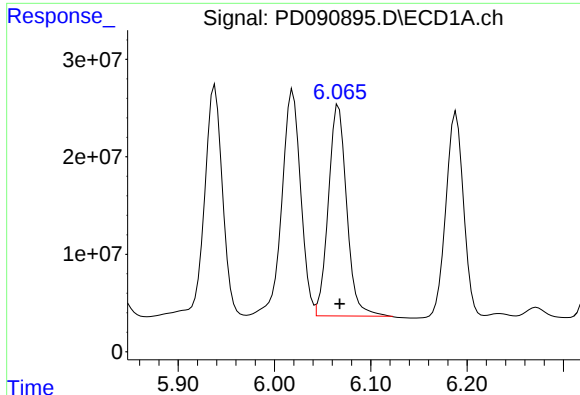
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 304155855
Conc: 52.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2068033256
Conc: 48.50 ng/ml



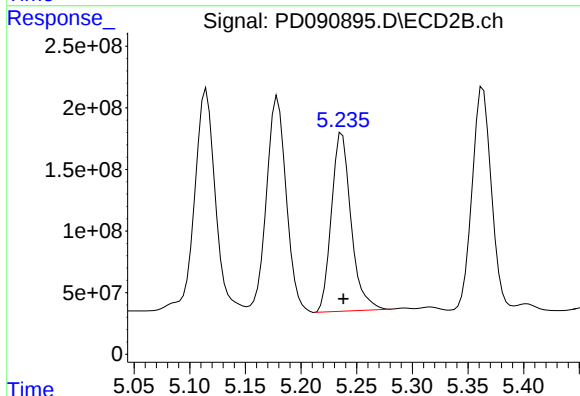
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 287559518
Conc: 51.94 ng/ml

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

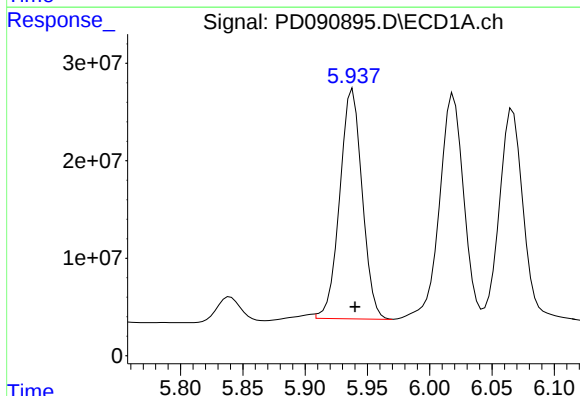
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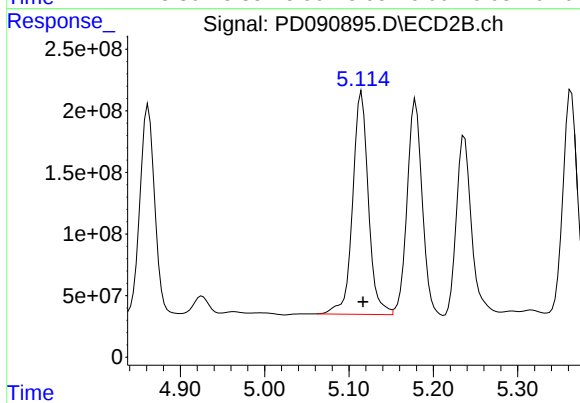
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1771887363
Conc: 44.98 ng/ml



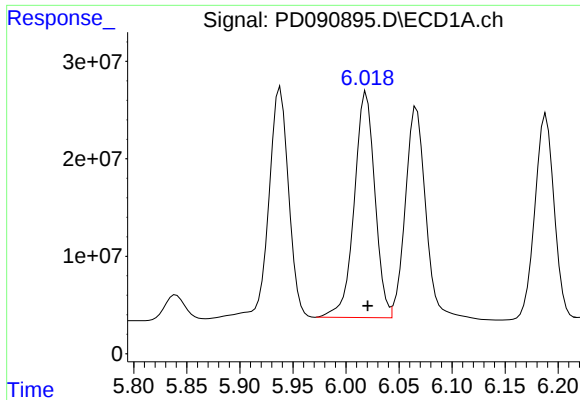
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 296224069
Conc: 49.94 ng/ml m



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2347692952
Conc: 52.23 ng/ml



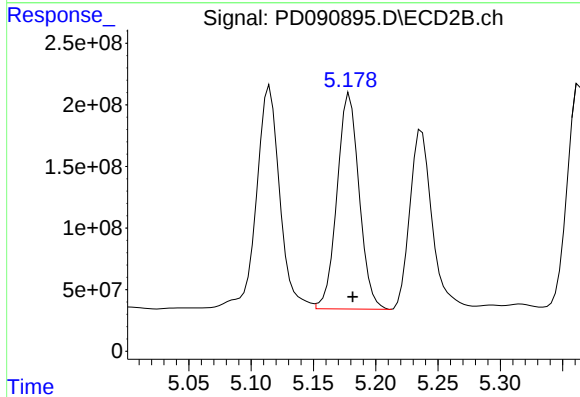
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 313383984
Conc: 50.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
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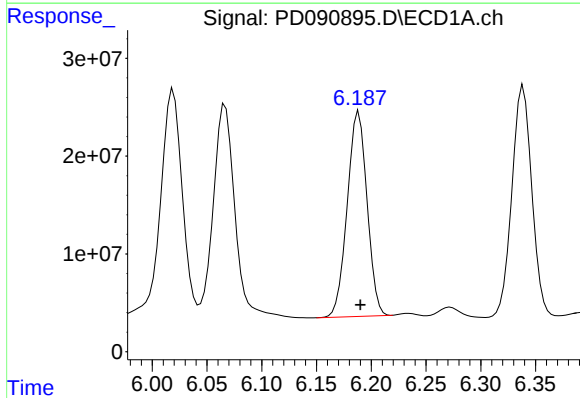
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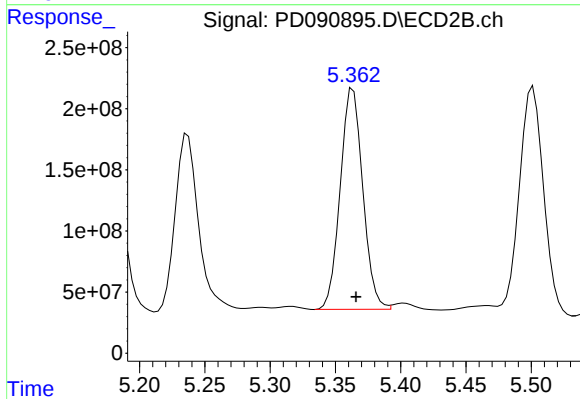
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 2169527291
Conc: 50.29 ng/ml



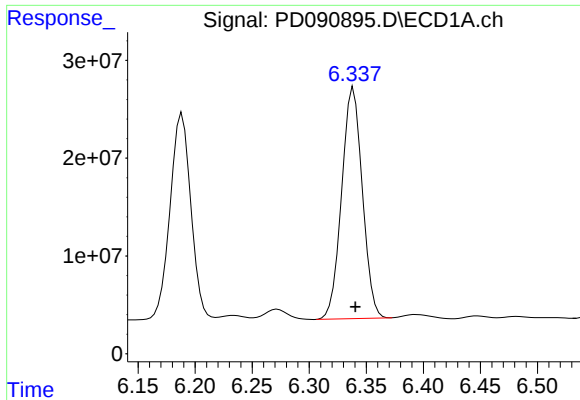
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 264044230
Conc: 49.57 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2177858356
Conc: 49.68 ng/ml



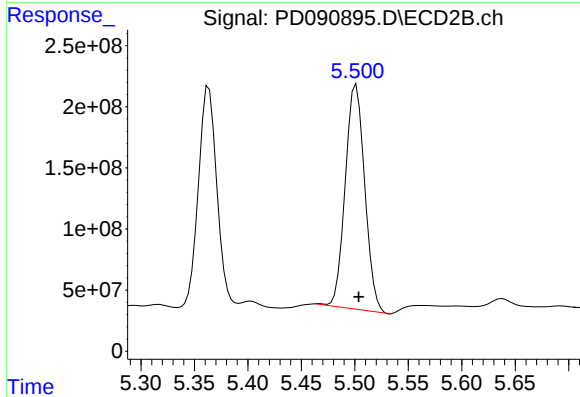
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 298181188
Conc: 51.13 ng/ml

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

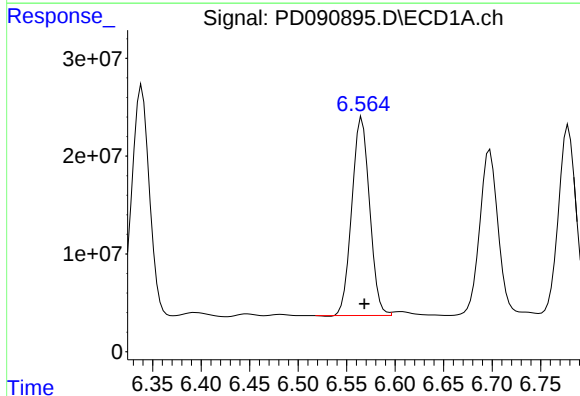
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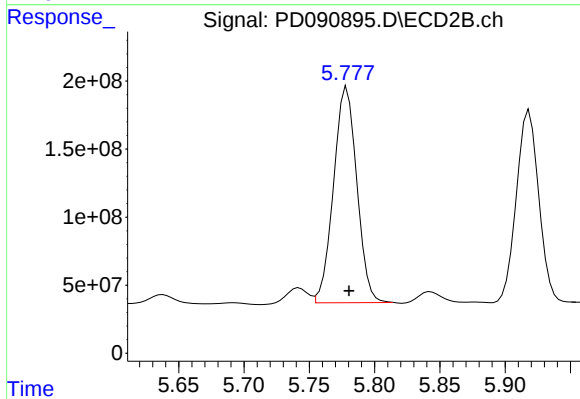
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2336003033
Conc: 52.87 ng/ml



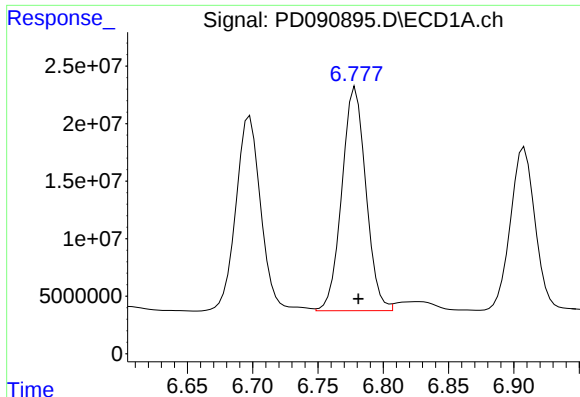
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.003 min
Response: 258490545
Conc: 52.18 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 1963561574
Conc: 48.49 ng/ml m



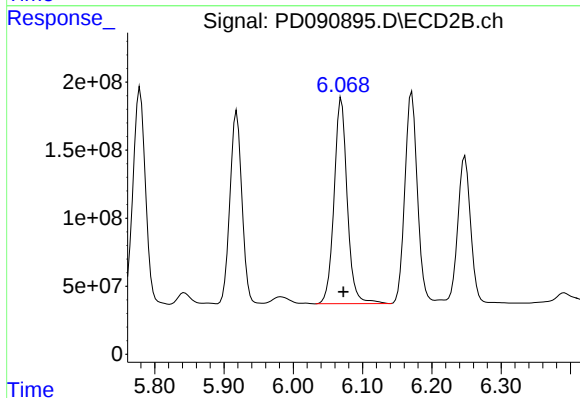
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 249110241
Conc: 49.82 ng/ml

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

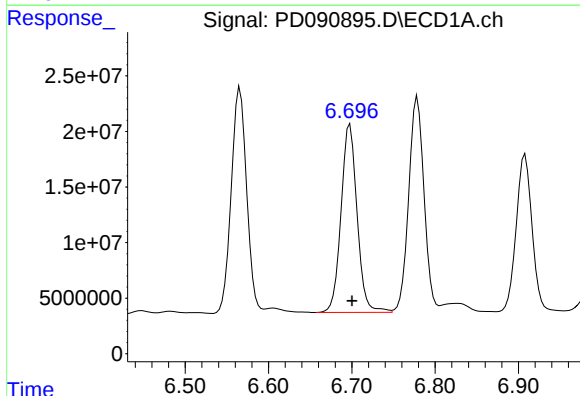
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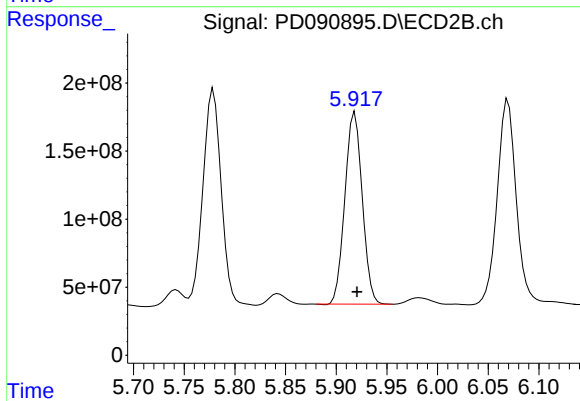
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 1995589316
Conc: 53.14 ng/ml



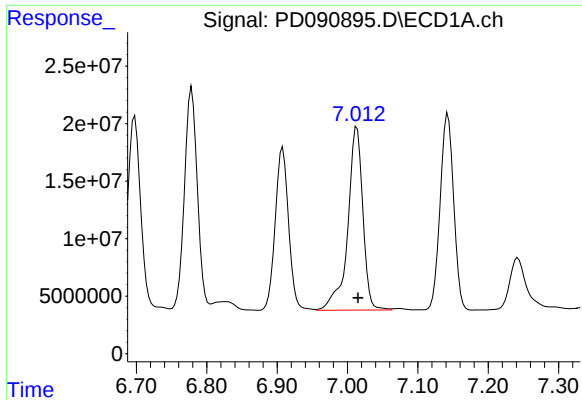
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 226512993
Conc: 55.87 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1676202845
Conc: 46.00 ng/ml



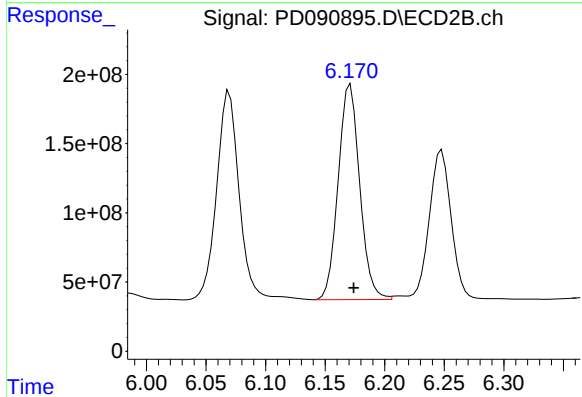
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 238746476
Conc: 58.08 ng/ml

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

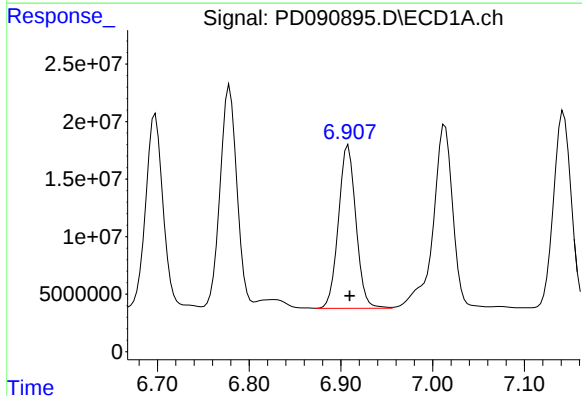
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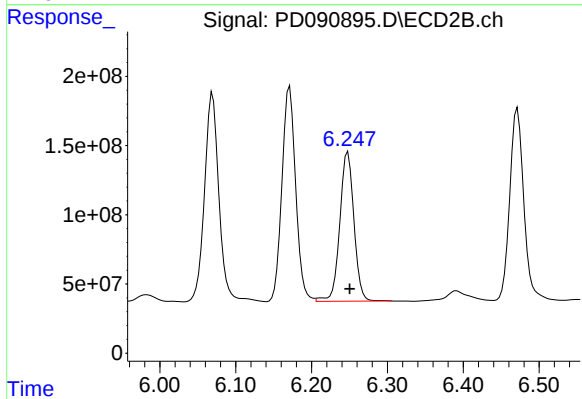
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1955596957
Conc: 55.76 ng/ml



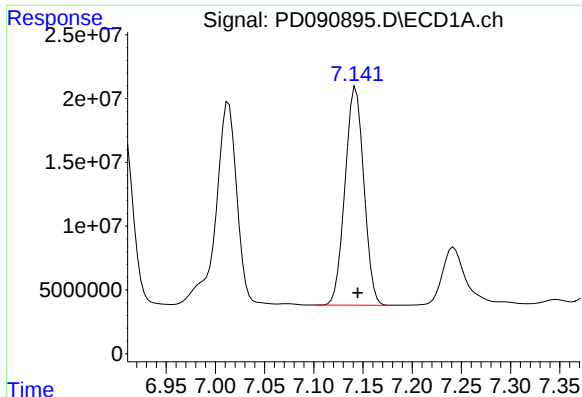
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 187621473
Conc: 51.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1396919917
Conc: 50.44 ng/ml



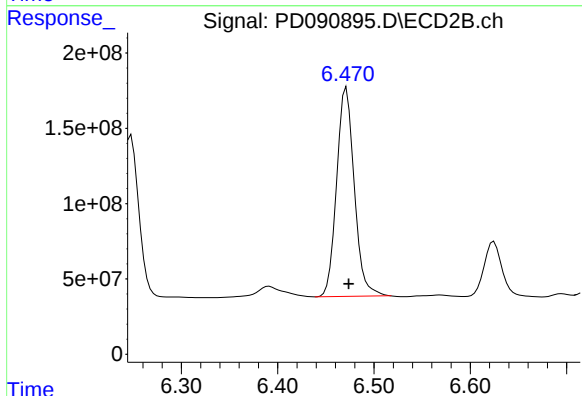
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 227745710
Conc: 49.10 ng/ml

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

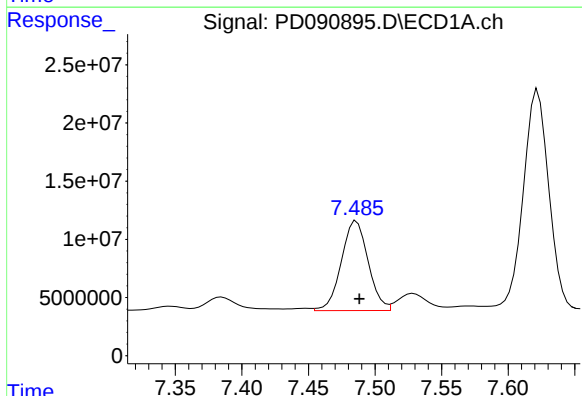
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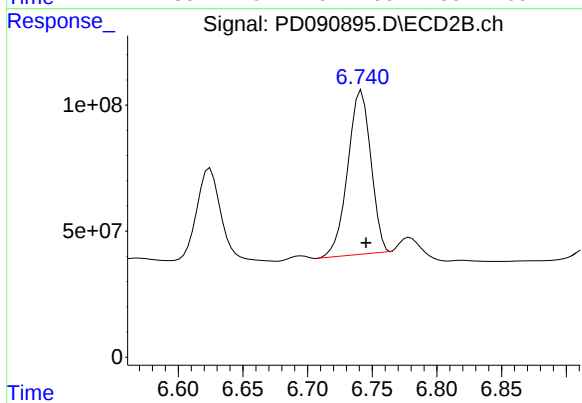
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 1766593969
Conc: 49.28 ng/ml



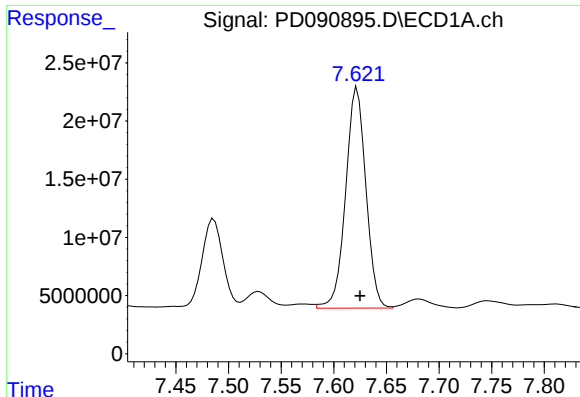
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 108090555
Conc: 50.85 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 805773767
Conc: 46.23 ng/ml



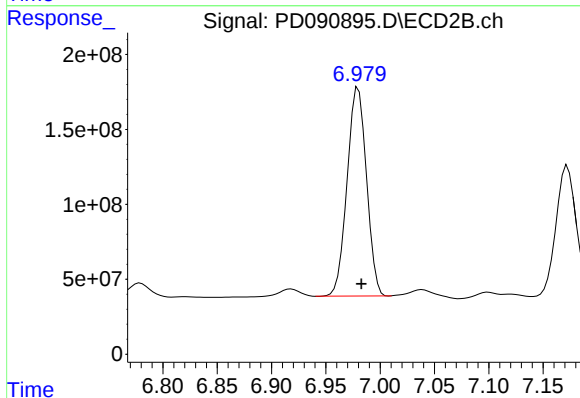
#21 Endrin ketone

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 255127323
Conc: 52.51 ng/ml

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

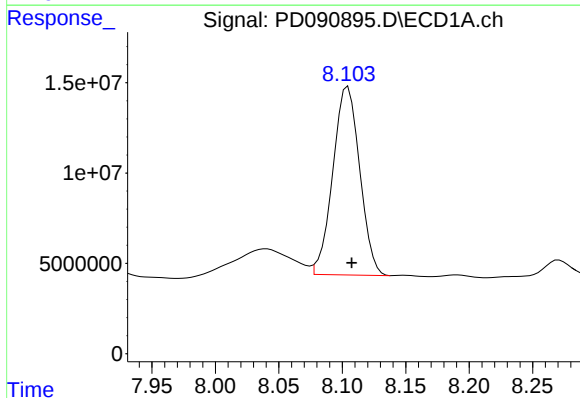
Manual Integrations
APPROVED

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



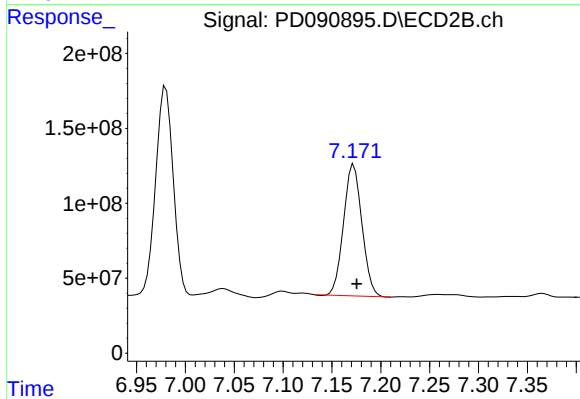
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1733086202
Conc: 45.95 ng/ml



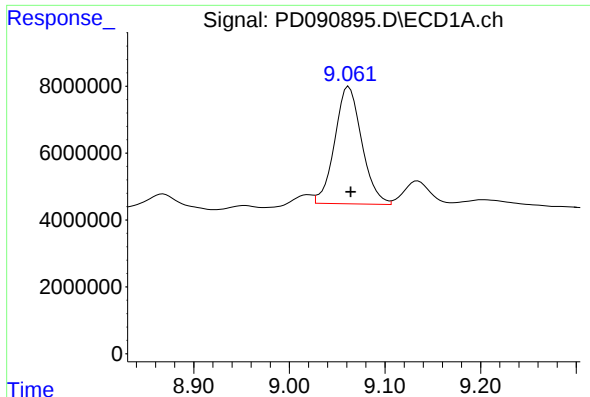
#22 Mirex

R.T.: 8.103 min
Delta R.T.: -0.004 min
Response: 153071391
Conc: 47.82 ng/ml m



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1147933191
Conc: 44.68 ng/ml



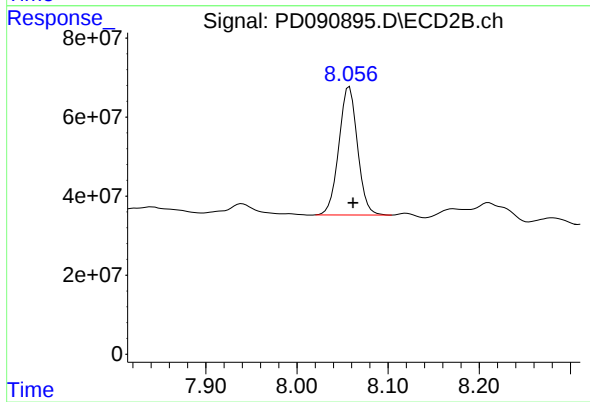
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 69061444
Conc: 14.76 ng/ml

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

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 461511960
Conc: 15.24 ng/ml