

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
 Data File : PD090875.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 12:08
 Operator : AR\AJ
 Sample : Q3447-02MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 P001-TW1-251023-01MSD

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 01:42:31 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...	3.544	2.873	52425274	574.4E6	16.834	19.290
28)	SA Decachlor...	9.062	8.059	94771471	636.7E6	20.259	21.019
Target Compounds							
2)	A alpha-BHC	3.994	3.385	328.2E6	2163.0E6	45.735	42.332
3)	MA gamma-BHC...	4.324	3.721	304.1E6	1845.6E6	44.728	39.061
4)	MA Heptachlor	4.922	4.073	297.5E6	1828.1E6	53.218	40.987
5)	MB Aldrin	5.263	4.359	289.2E6	1699.6E6	44.165	36.693
6)	B beta-BHC	4.510	4.017	122.0E6	833.1E6	46.574m	42.011
7)	B delta-BHC	4.759	4.253	324.5E6	1912.8E6	47.984	40.087
8)	B Heptachlo...	5.683	4.862	285.9E6	1762.0E6	49.385	41.324
9)	A Endosulfan I	6.067	5.236	277.7E6	1628.1E6	50.158	41.331
10)	B gamma-Chl...	5.939	5.114	287.2E6	1871.4E6	48.418	41.634
11)	B alpha-Chl...	6.019	5.179	300.5E6	1782.2E6	48.628	41.313
12)	B 4,4'-DDE	6.188	5.363	255.0E6	1840.6E6	47.877	41.986
13)	MA Dieldrin	6.339	5.502	294.5E6	1917.3E6	50.497	43.395
14)	MA Endrin	6.567	5.778	291.1E6	1794.2E6	58.757	44.307
15)	B Endosulfa...	6.779	6.070	247.2E6	1862.5E6	49.443	49.593
16)	A 4,4'-DDD	6.699	5.918	212.8E6	1652.1E6	52.477	45.340
17)	MA 4,4'-DDT	7.014	6.172	225.4E6	1719.1E6	54.840	49.015
18)	B Endrin al...	6.908	6.248	186.9E6	1217.9E6	51.028	43.979
19)	B Endosulfa...	7.143	6.471	233.9E6	1714.6E6	50.427	47.833
20)	A Methoxychlor	7.486	6.742	113.2E6	861.8E6	53.240	49.451
21)	B Endrin ke...	7.623	6.980	258.3E6	1841.1E6	53.151	48.812
22)	Mirex	8.105	7.173	155.6E6	1225.1E6	48.602	47.687

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:08
Operator : AR\AJ
Sample : Q3447-02MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

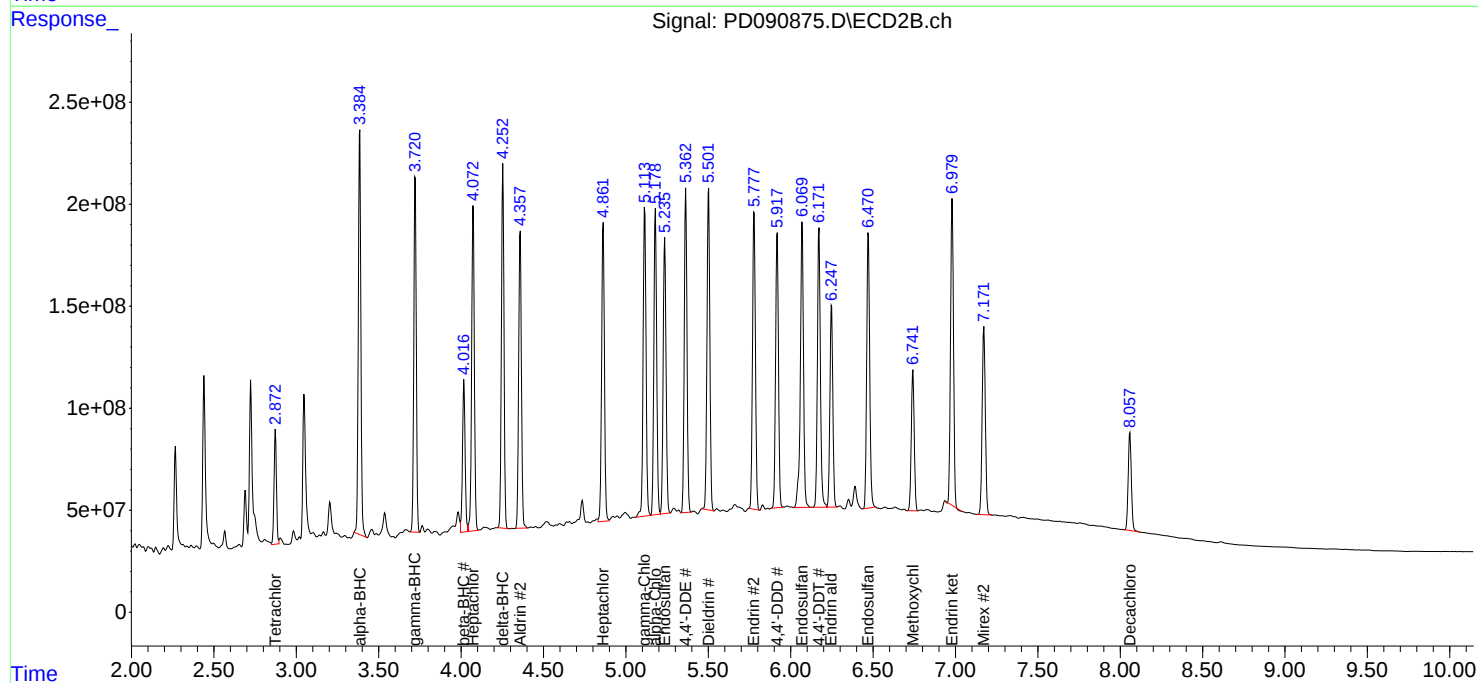
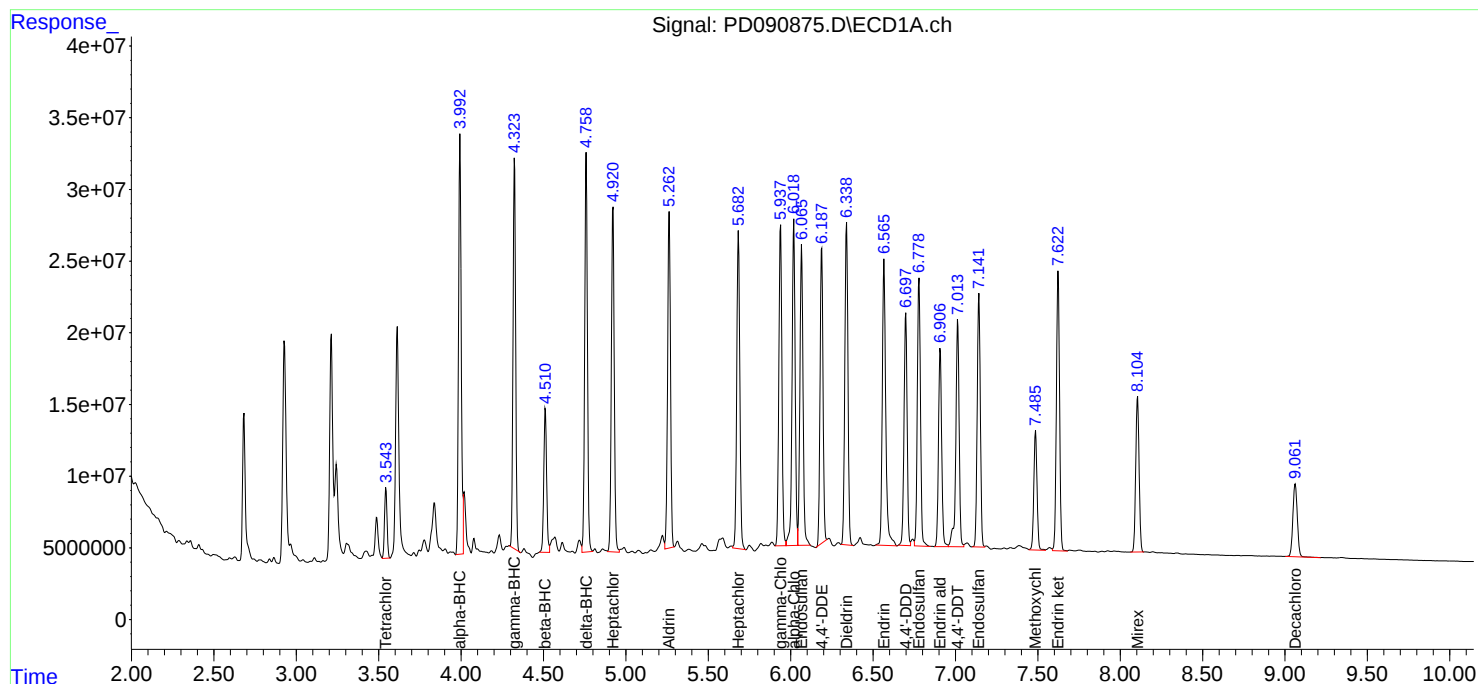
Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

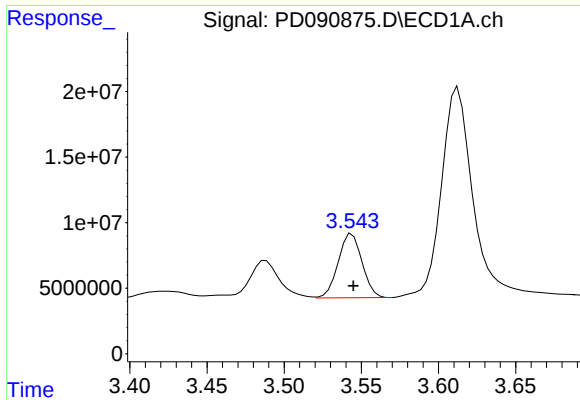
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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Volume Inj. : 1 µl
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





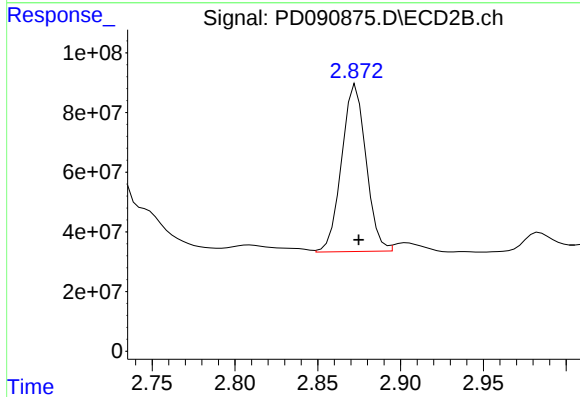
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 52425274
Conc: 16.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
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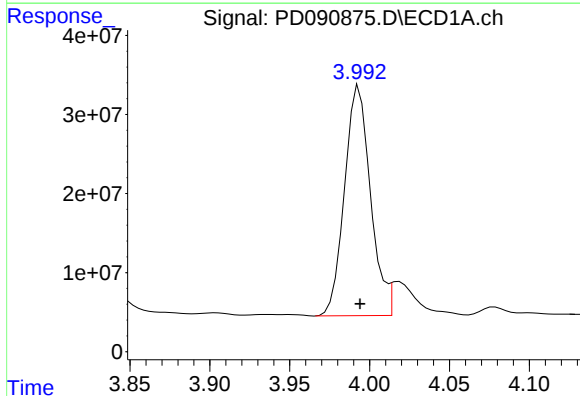
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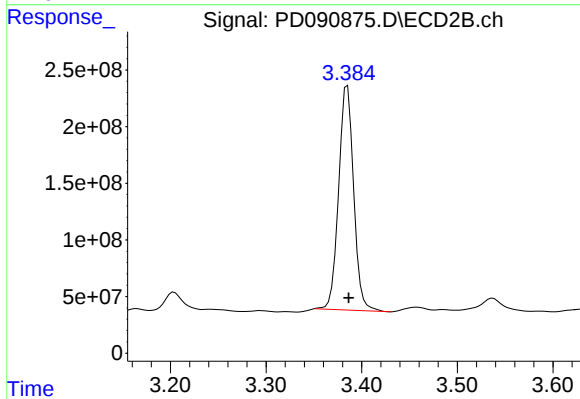
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 574415363
Conc: 19.29 ng/ml



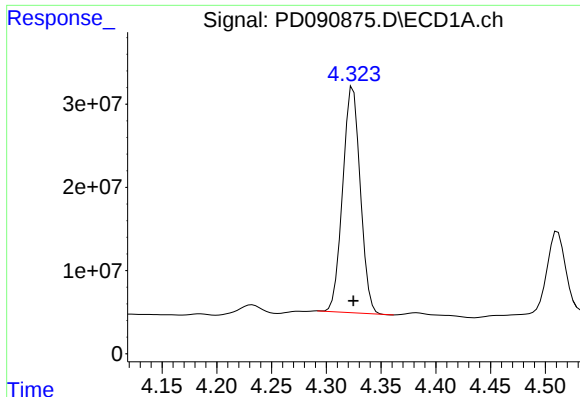
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 328246666
Conc: 45.74 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2163003823
Conc: 42.33 ng/ml



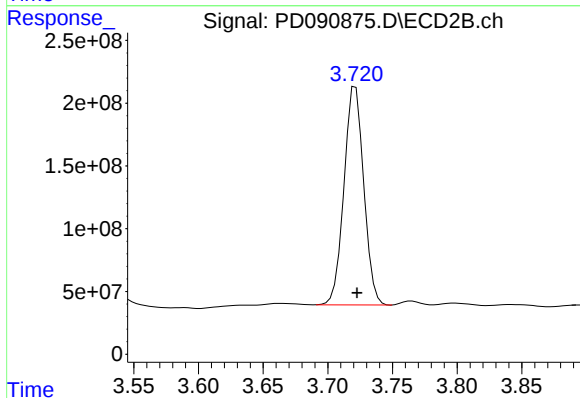
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 304097335
Conc: 44.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

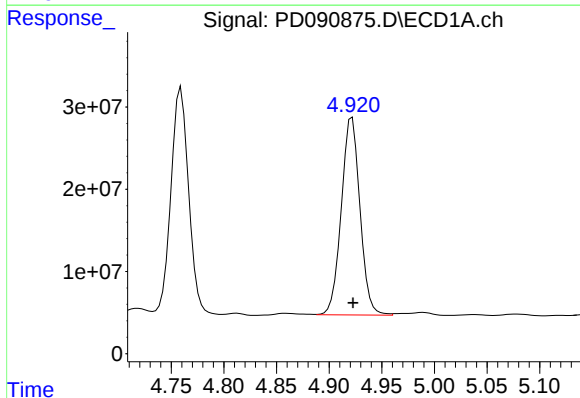
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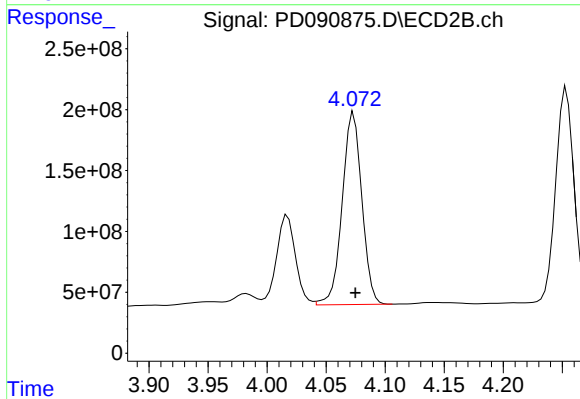
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 1845594011
Conc: 39.06 ng/ml



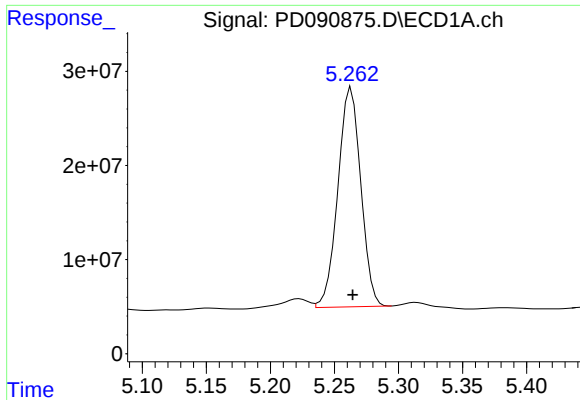
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 297463654
Conc: 53.22 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 1828135138
Conc: 40.99 ng/ml



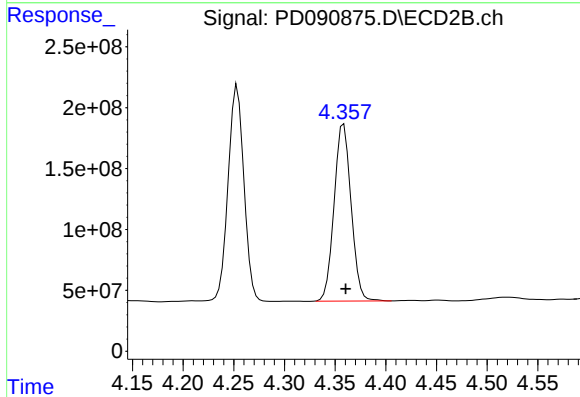
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 289158606
Conc: 44.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
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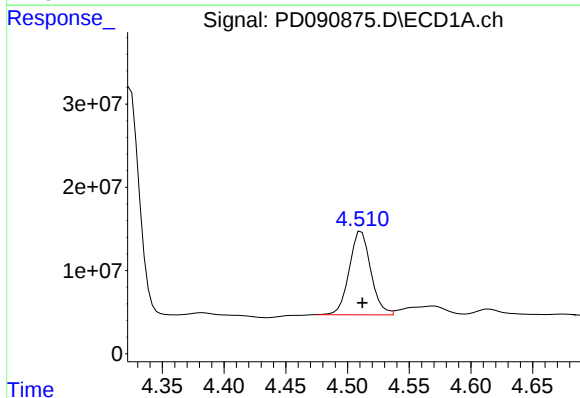
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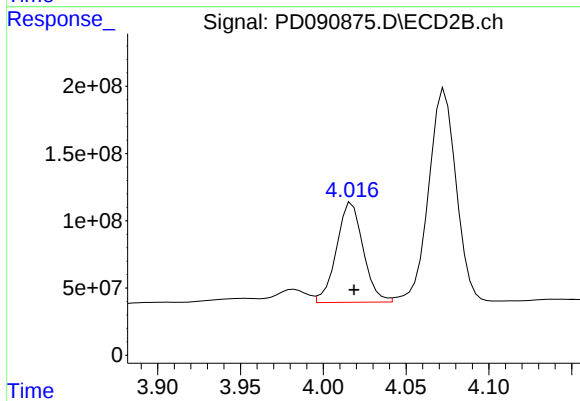
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 1699601007
Conc: 36.69 ng/ml



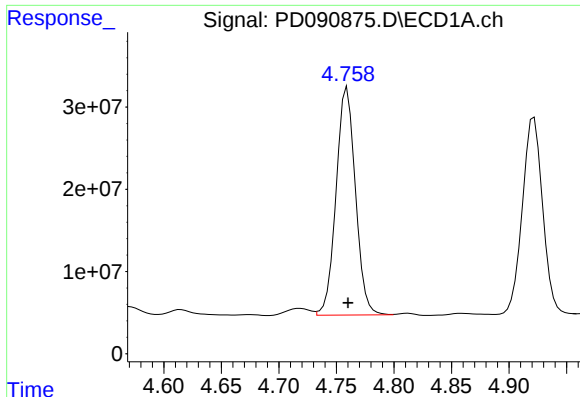
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.002 min
Response: 122005521
Conc: 46.57 ng/ml m



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 833056878
Conc: 42.01 ng/ml



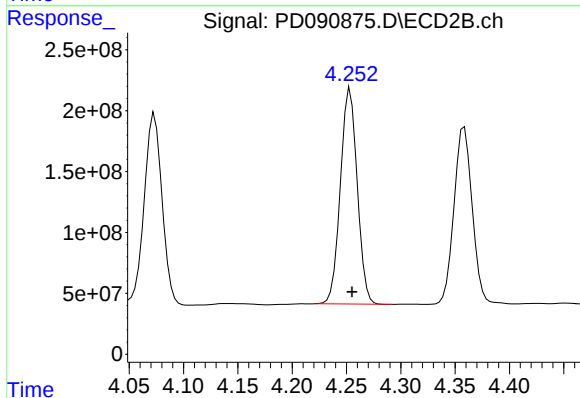
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 324451793
Conc: 47.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

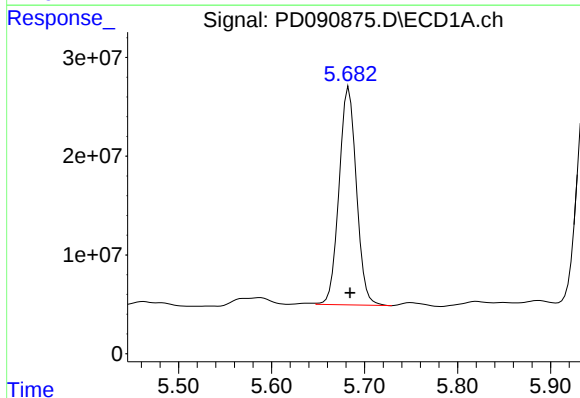
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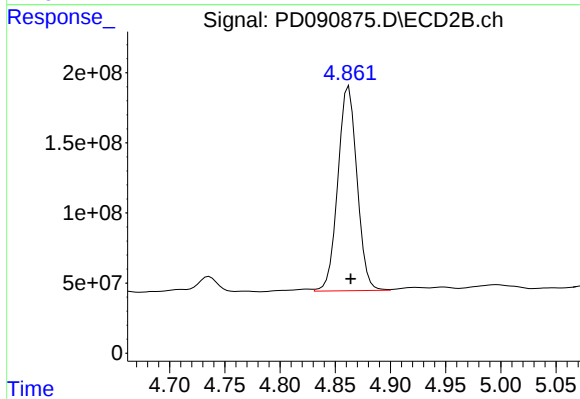
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 1912835759
Conc: 40.09 ng/ml



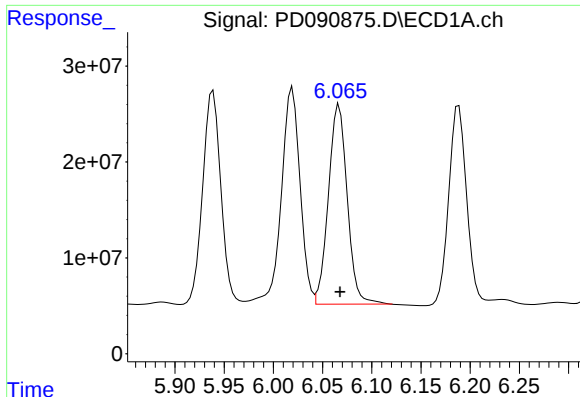
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 285893375
Conc: 49.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1762008582
Conc: 41.32 ng/ml



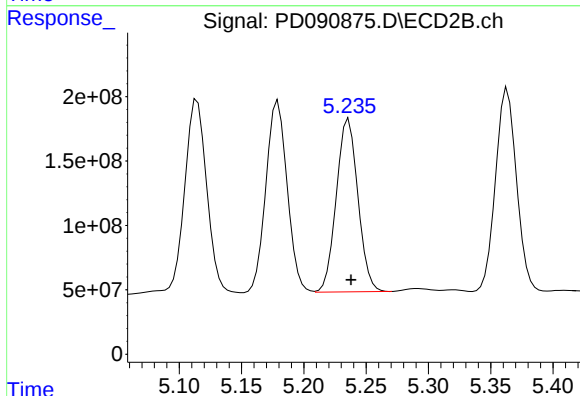
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 277706233
Conc: 50.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

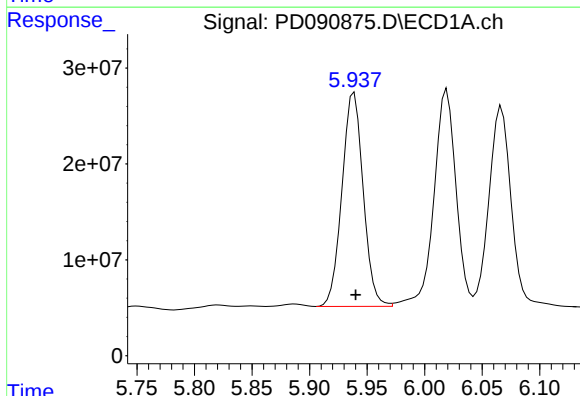
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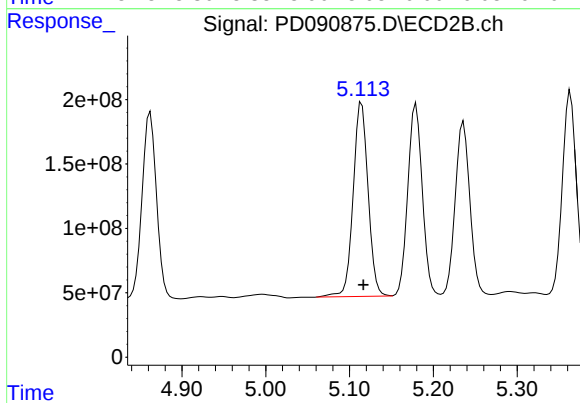
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1628056634
Conc: 41.33 ng/ml



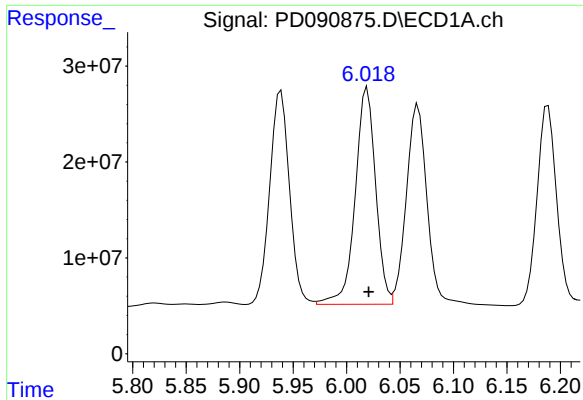
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 287174070
Conc: 48.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 1871379608
Conc: 41.63 ng/ml



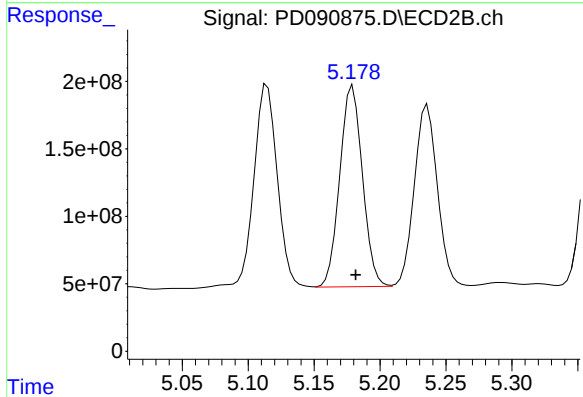
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 300532314
Conc: 48.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
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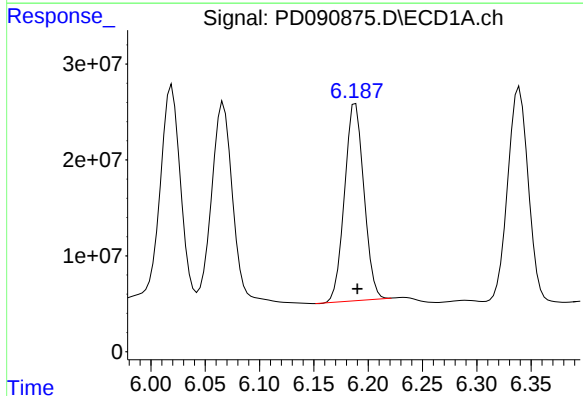
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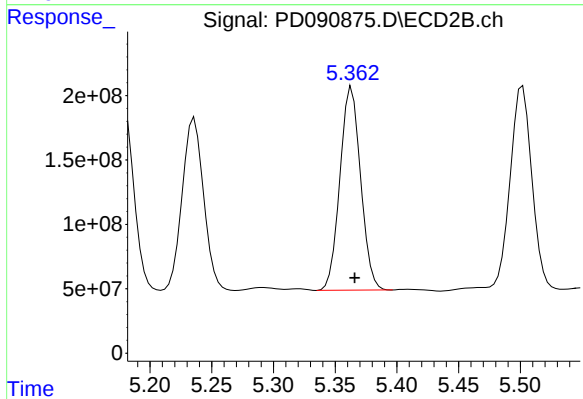
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 1782157697
Conc: 41.31 ng/ml



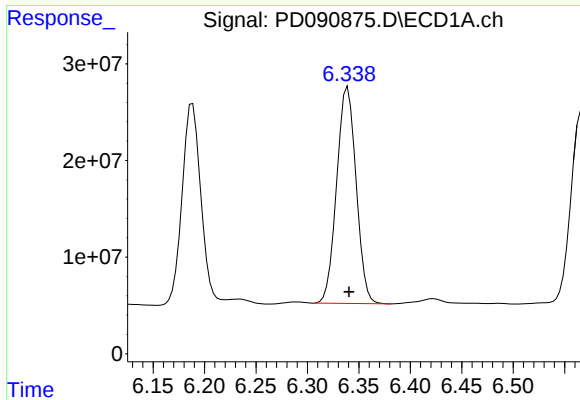
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 255024975
Conc: 47.88 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 1840595052
Conc: 41.99 ng/ml



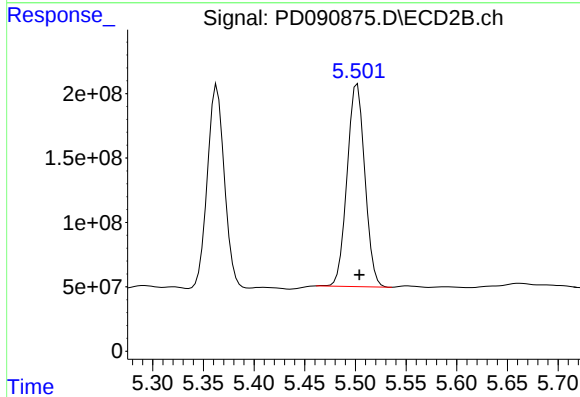
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 294464022
Conc: 50.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

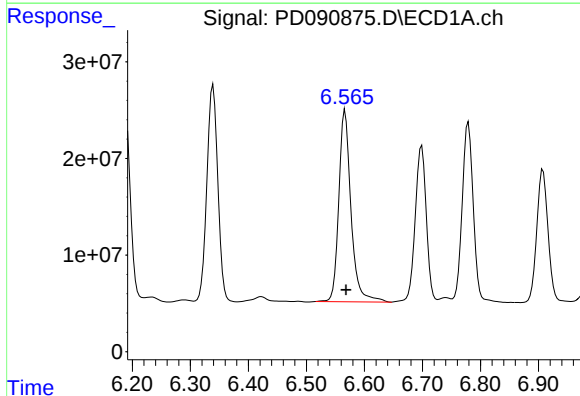
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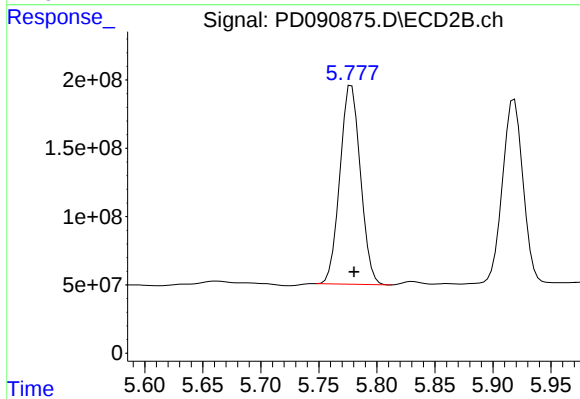
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 1917347799
Conc: 43.39 ng/ml



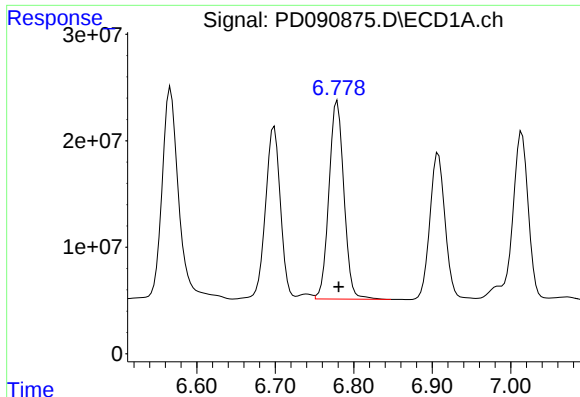
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 291063778
Conc: 58.76 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 1794163908
Conc: 44.31 ng/ml



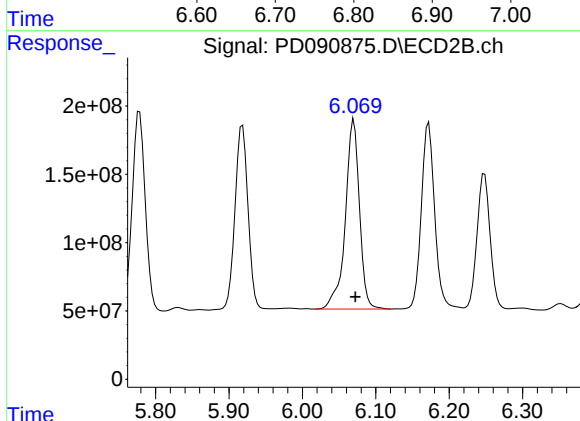
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 247215325
Conc: 49.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

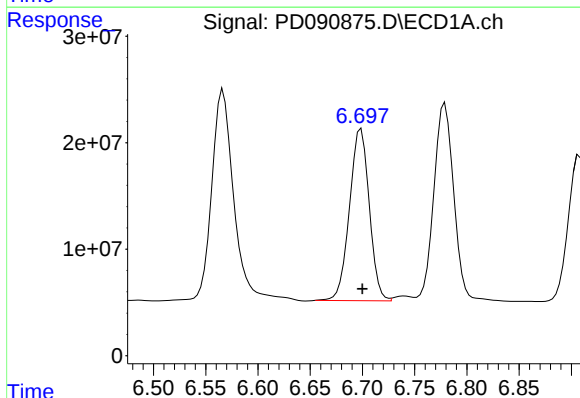
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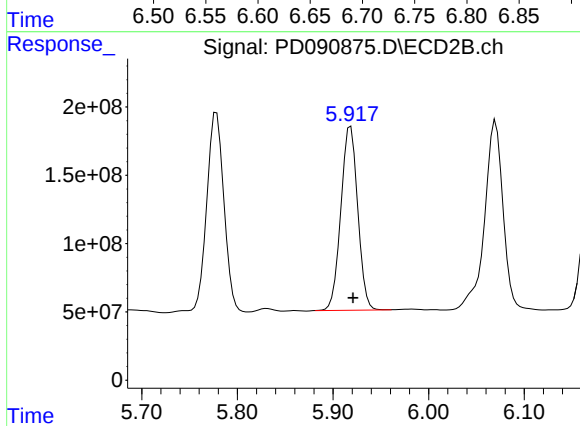
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 1862485664
Conc: 49.59 ng/ml



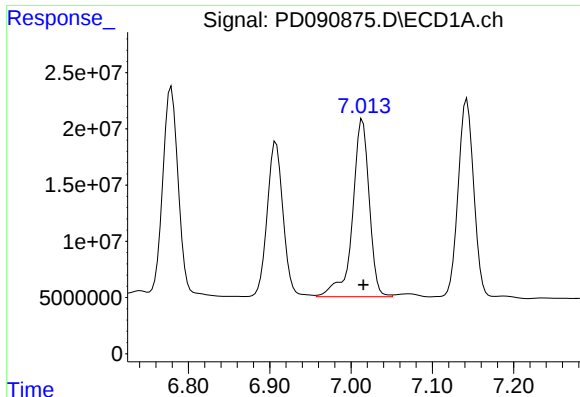
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 212750962
Conc: 52.48 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 1652094271
Conc: 45.34 ng/ml



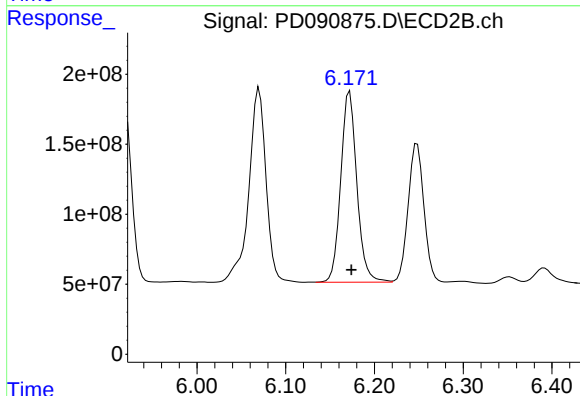
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 225418931
Conc: 54.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

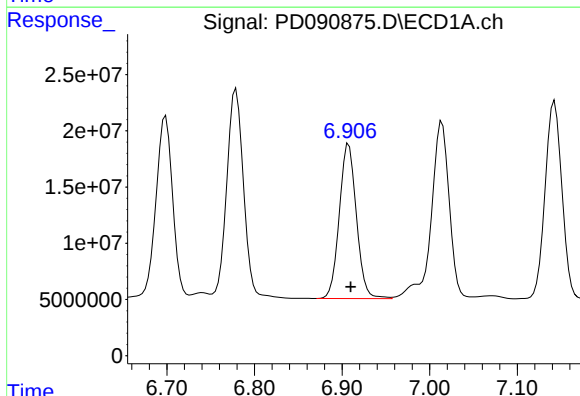
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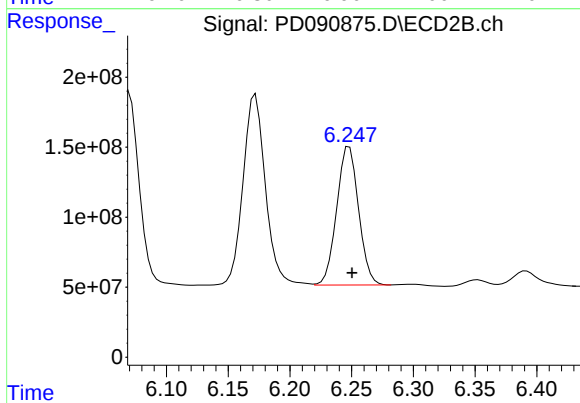
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1719112876
Conc: 49.02 ng/ml



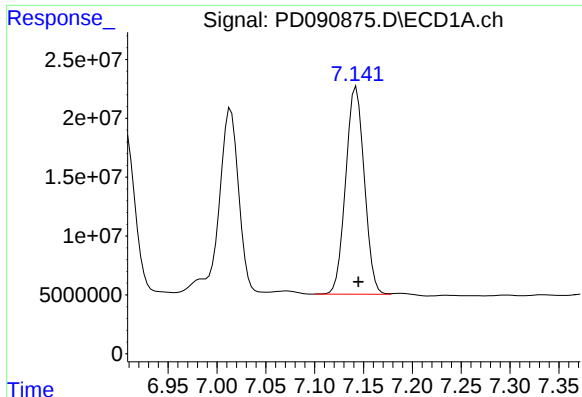
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 186899274
Conc: 51.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1217890291
Conc: 43.98 ng/ml



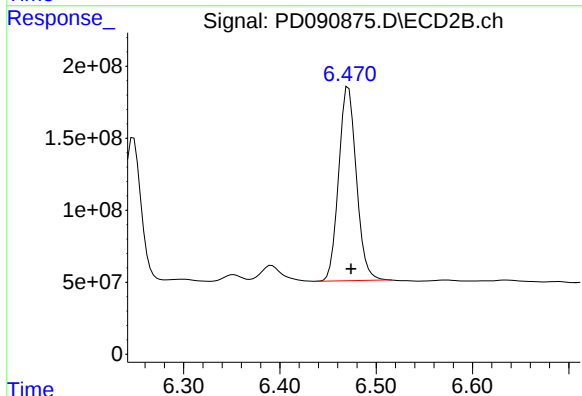
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 233887906
Conc: 50.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
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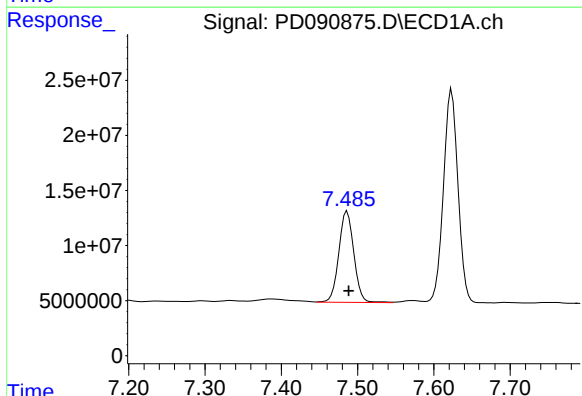
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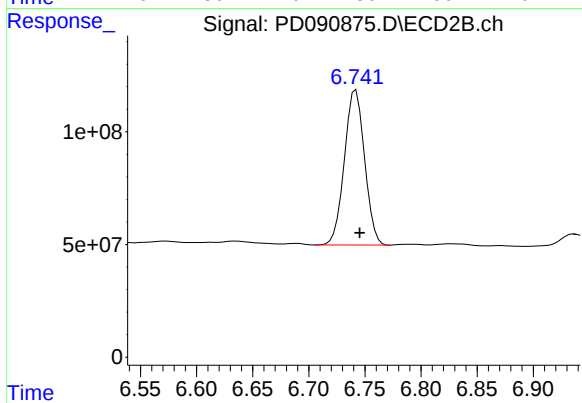
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1714582321
Conc: 47.83 ng/ml



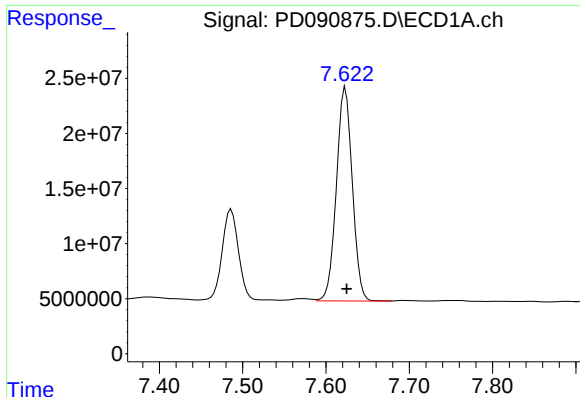
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 113165344
Conc: 53.24 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 861829751
Conc: 49.45 ng/ml



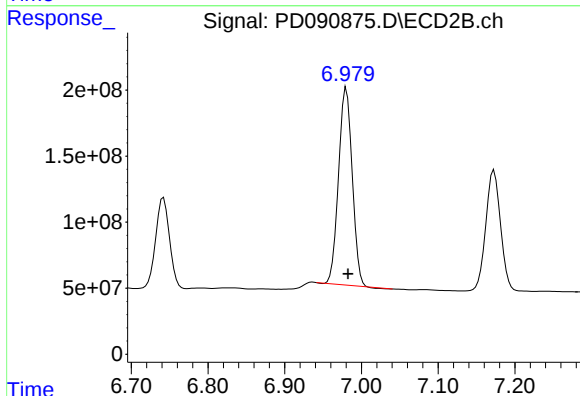
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.001 min
Response: 258250552
Conc: 53.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

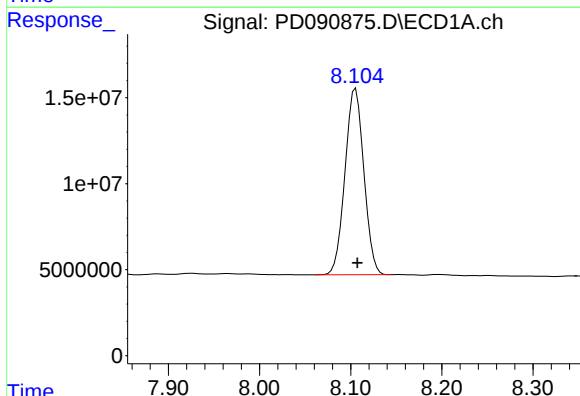
Manual Integrations
APPROVED

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



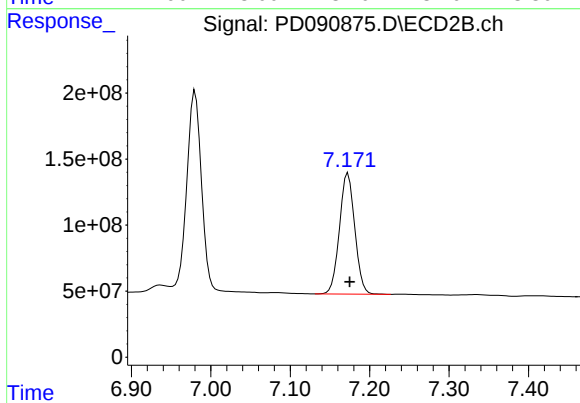
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 1841062284
Conc: 48.81 ng/ml



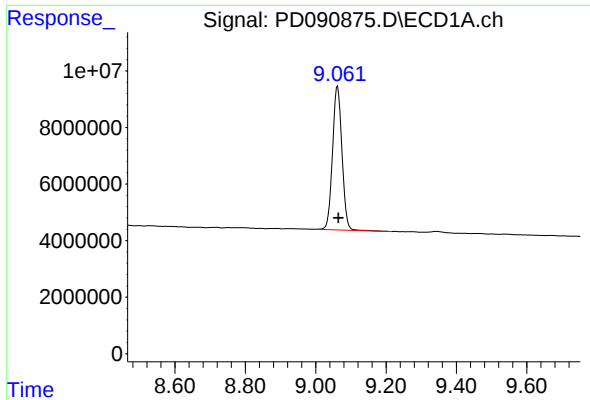
#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.002 min
Response: 155567588
Conc: 48.60 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 1225134985
Conc: 47.69 ng/ml



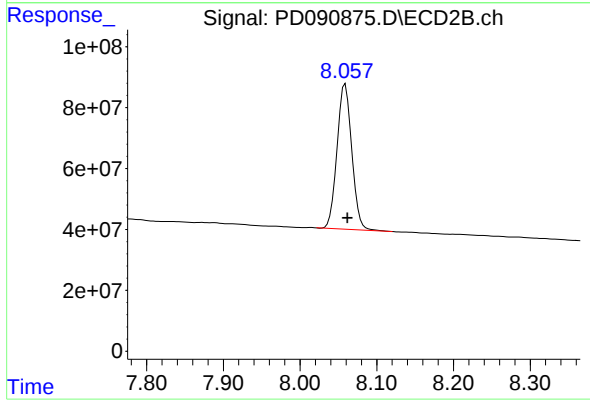
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 94771471
Conc: 20.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 636706093
Conc: 21.02 ng/ml