

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
 Data File : PD090874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 11:54
 Operator : AR\AJ
 Sample : Q3447-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

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 01:42:19 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	52130514	569.4E6	16.740	19.124
28)	SA Decachlor...	9.061	8.058	94120457	640.8E6	20.120	21.154
Target Compounds							
2)	A alpha-BHC	3.993	3.385	324.3E6	2152.1E6	45.191	42.119
3)	MA gamma-BHC...	4.324	3.721	302.2E6	1838.5E6	44.448	38.911
4)	MA Heptachlor	4.921	4.073	296.1E6	1812.0E6	52.973	40.625
5)	MB Aldrin	5.262	4.358	288.2E6	1694.7E6	44.012	36.589
6)	B beta-BHC	4.509	4.017	122.2E6	833.3E6	46.646m	42.021
7)	B delta-BHC	4.759	4.253	326.0E6	1898.6E6	48.206	39.790
8)	B Heptachlo...	5.683	4.862	283.9E6	1749.7E6	49.041	41.034
9)	A Endosulfan I	6.066	5.236	278.5E6	1616.7E6	50.299	41.042
10)	B gamma-Chl...	5.938	5.115	285.6E6	1855.5E6	48.148	41.280
11)	B alpha-Chl...	6.019	5.179	302.3E6	1772.0E6	48.916	41.077
12)	B 4,4'-DDE	6.188	5.363	253.8E6	1827.8E6	47.646	41.694
13)	MA Dieldrin	6.339	5.501	294.0E6	1903.5E6	50.419	43.082
14)	MA Endrin	6.566	5.778	289.9E6	1779.2E6	58.518	43.937
15)	B Endosulfa...	6.779	6.069	247.3E6	1850.2E6	49.452	49.267
16)	A 4,4'-DDD	6.698	5.918	212.8E6	1648.2E6	52.482	45.233
17)	MA 4,4'-DDT	7.013	6.171	223.5E6	1697.9E6	54.385	48.409
18)	B Endrin al...	6.908	6.247	187.0E6	1210.4E6	51.066	43.706
19)	B Endosulfa...	7.142	6.471	234.3E6	1700.8E6	50.505	47.448
20)	A Methoxychlor	7.486	6.741	112.0E6	855.7E6	52.696	49.099
21)	B Endrin ke...	7.623	6.980	256.8E6	1826.0E6	52.854	48.413
22)	Mirex	8.105	7.172	155.1E6	1218.4E6	48.466	47.424

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090874.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 11:54
Operator : AR\AJ
Sample : Q3447-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

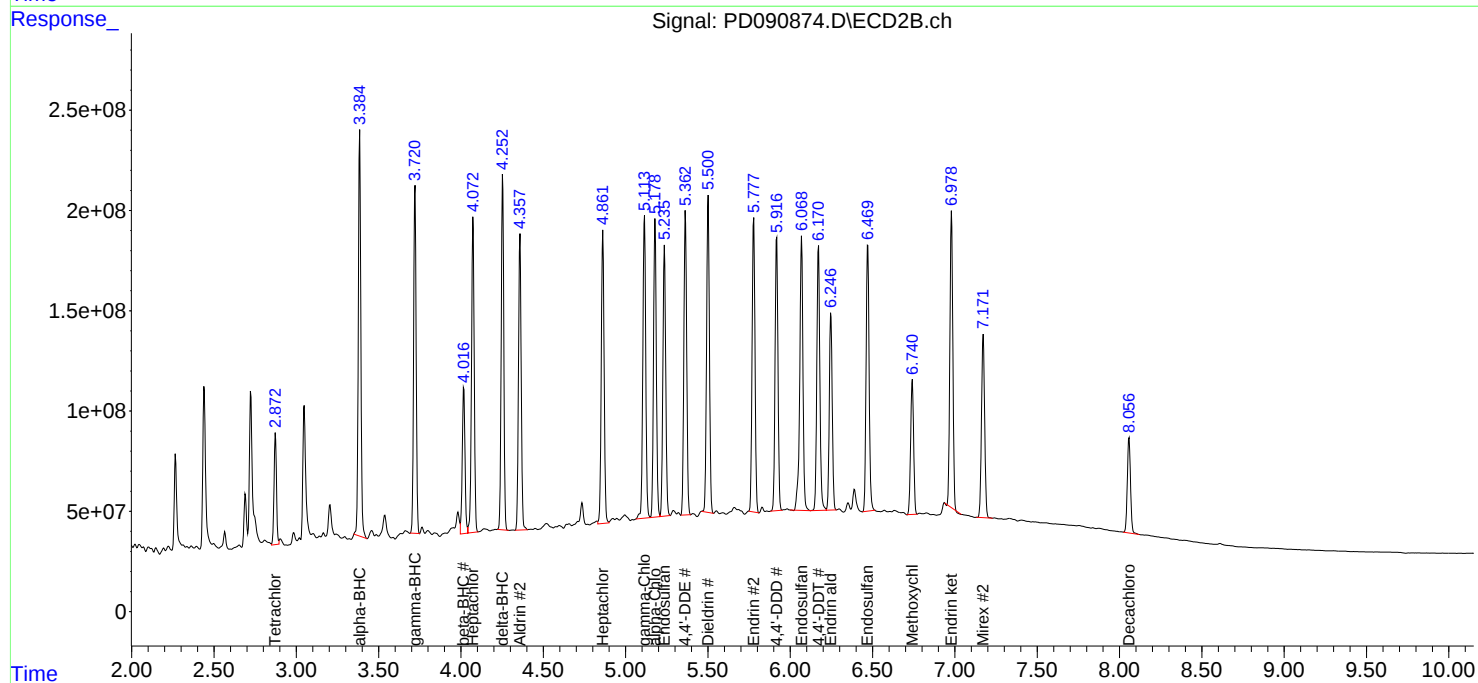
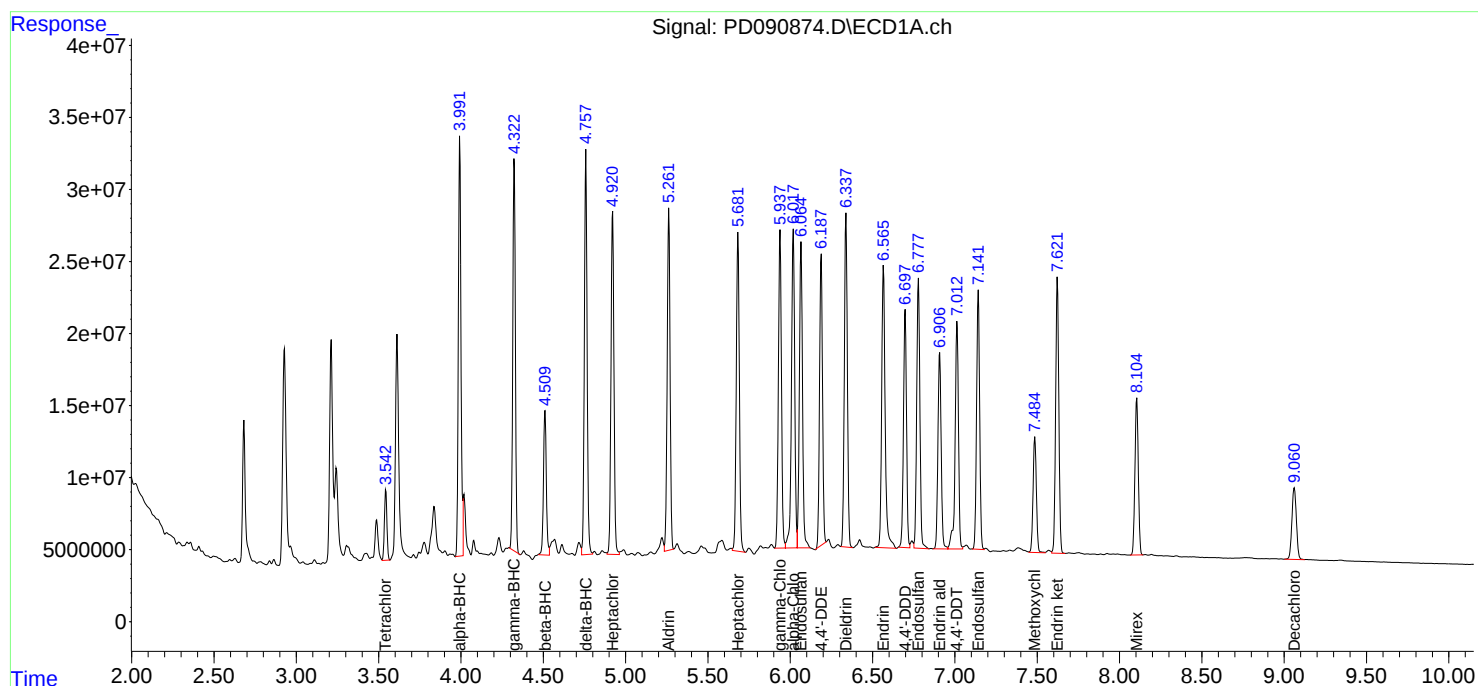
Instrument :
ECD_D
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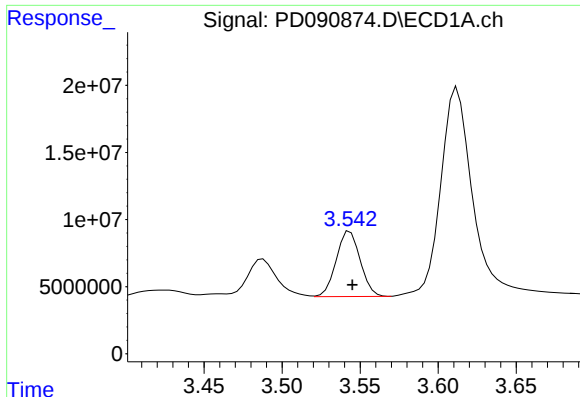
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





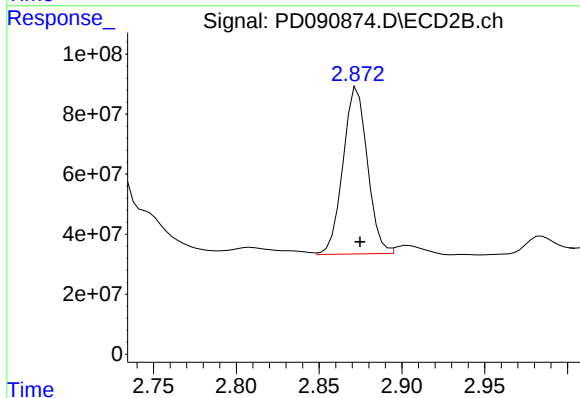
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 52130514
Conc: 16.74 ng/ml

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

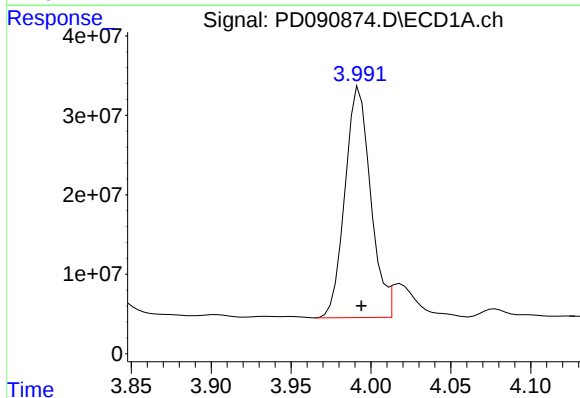
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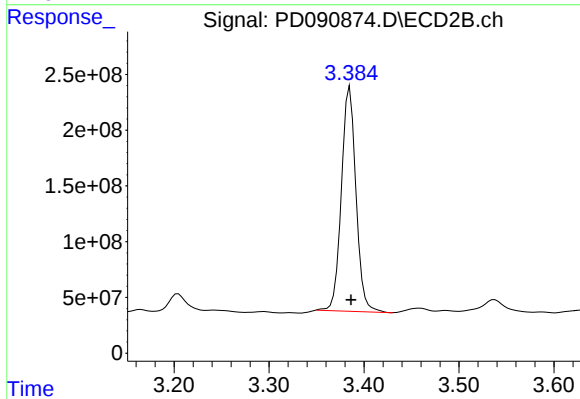
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 569449149
Conc: 19.12 ng/ml



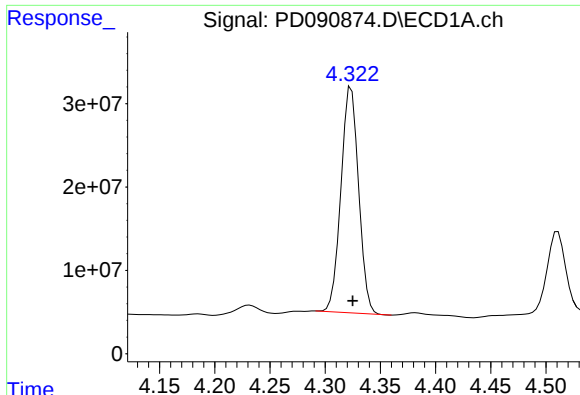
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 324343933
Conc: 45.19 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2152123999
Conc: 42.12 ng/ml



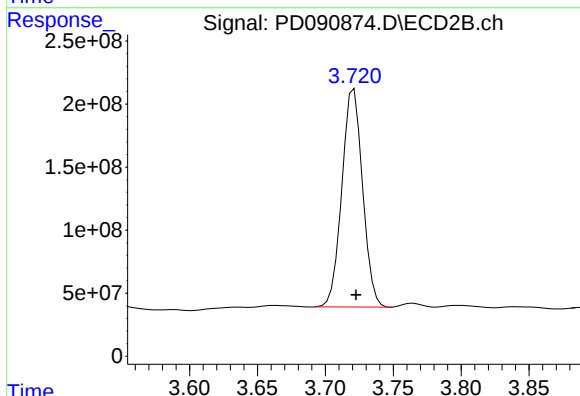
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 302193859
Conc: 44.45 ng/ml

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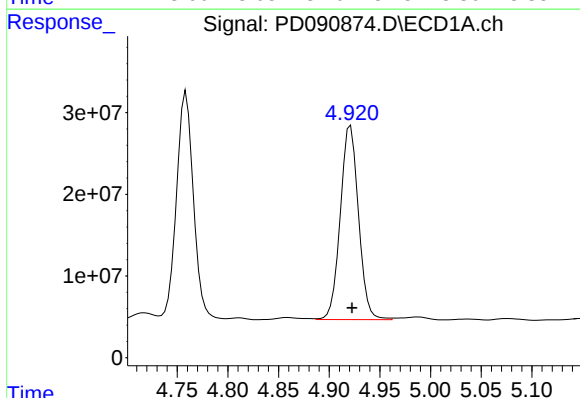
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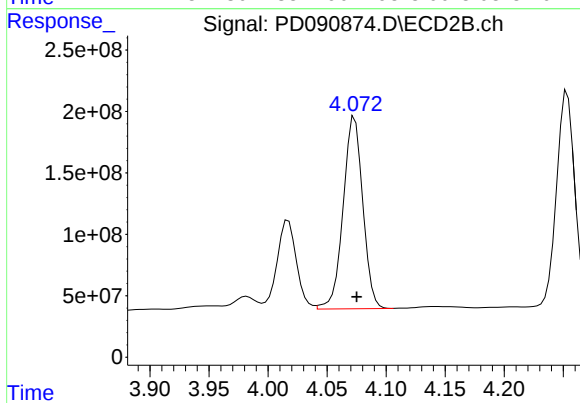
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 1838483438
Conc: 38.91 ng/ml



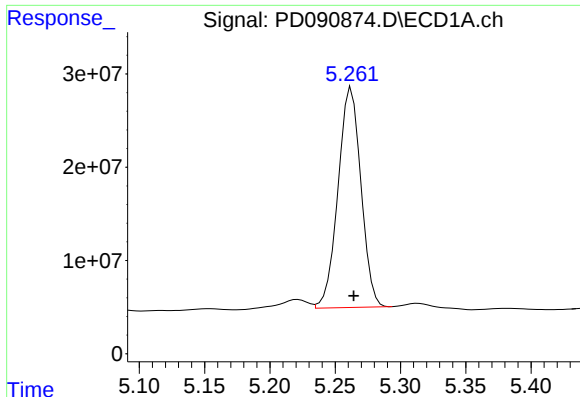
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 296094853
Conc: 52.97 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 1812003267
Conc: 40.63 ng/ml



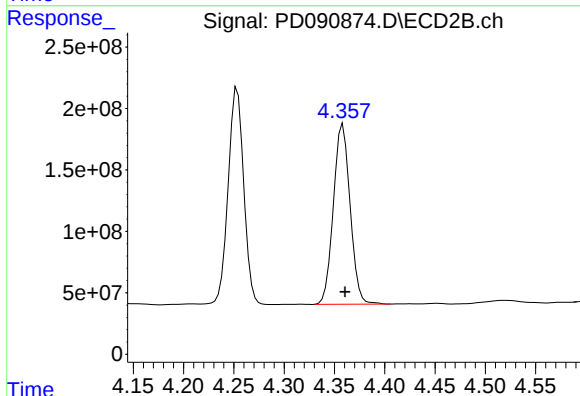
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 288157161
Conc: 44.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
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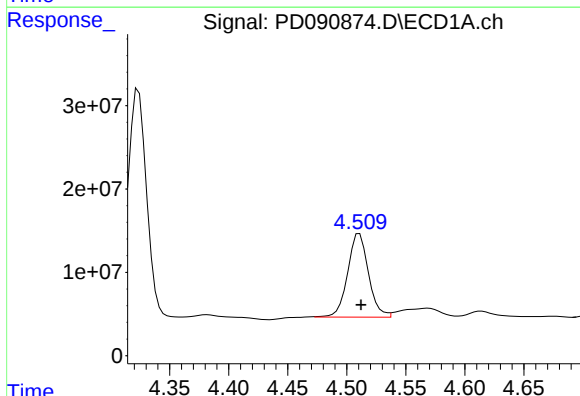
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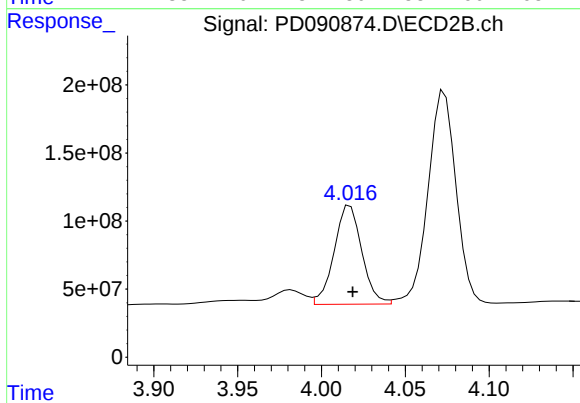
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 1694745697
Conc: 36.59 ng/ml



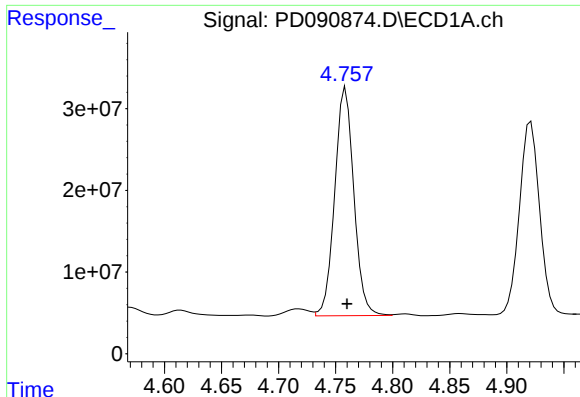
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.003 min
Response: 122194599
Conc: 46.65 ng/ml m



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 833258010
Conc: 42.02 ng/ml



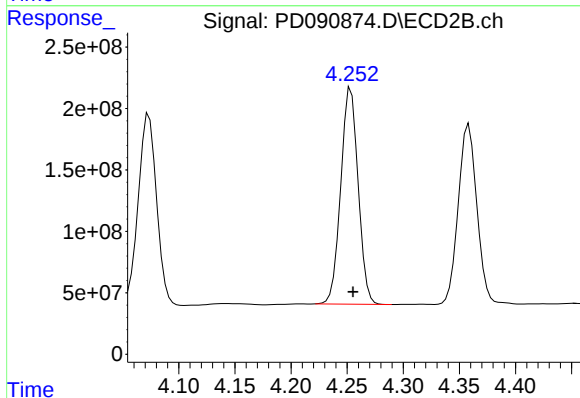
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 325956413
Conc: 48.21 ng/ml

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

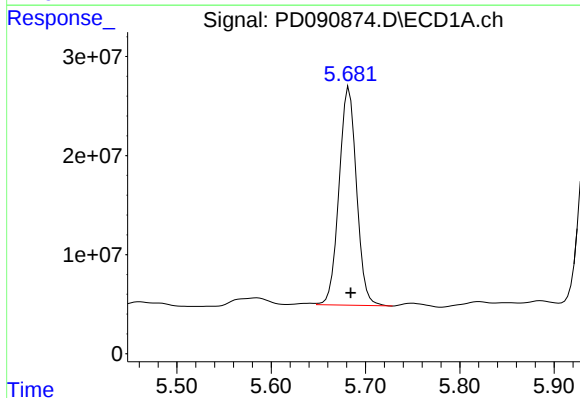
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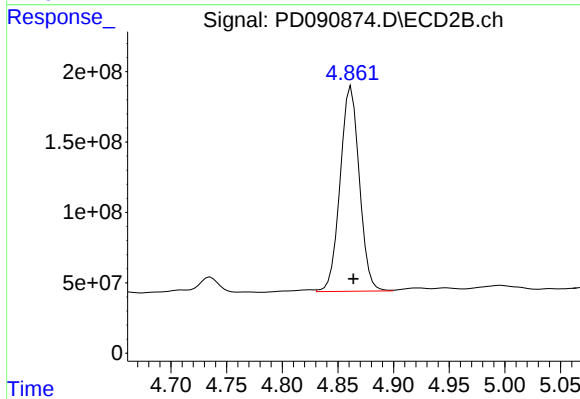
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 1898646521
Conc: 39.79 ng/ml



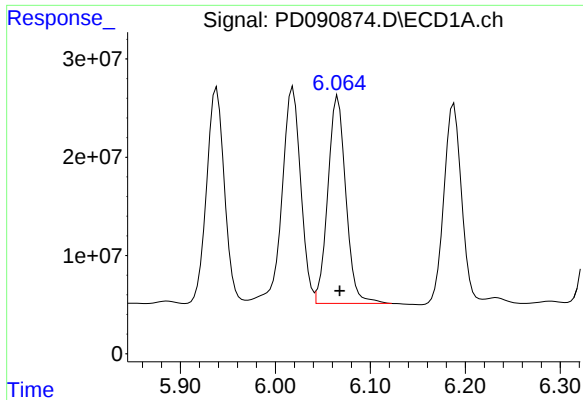
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 283903108
Conc: 49.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1749652300
Conc: 41.03 ng/ml



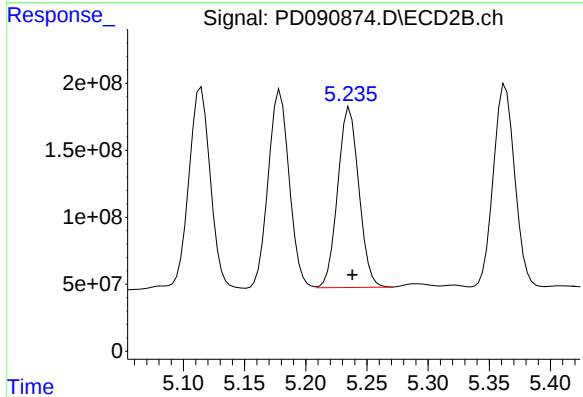
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 278490169
Conc: 50.30 ng/ml

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

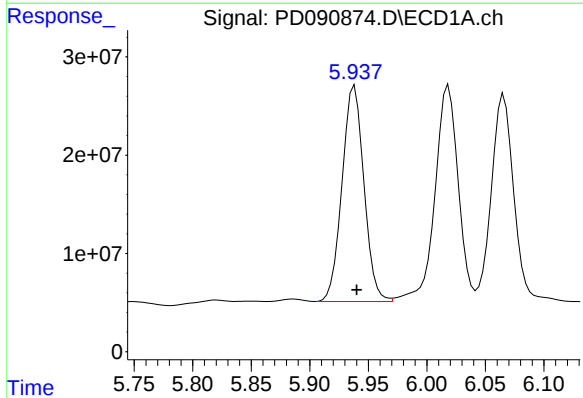
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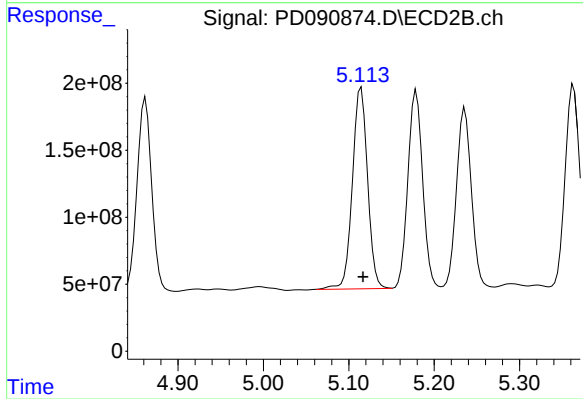
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1616668321
Conc: 41.04 ng/ml



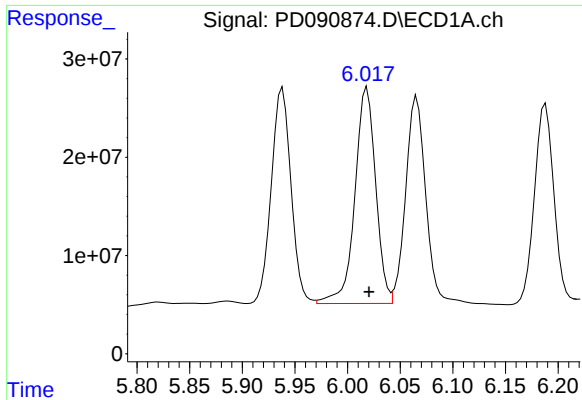
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 285572316
Conc: 48.15 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 1855478595
Conc: 41.28 ng/ml



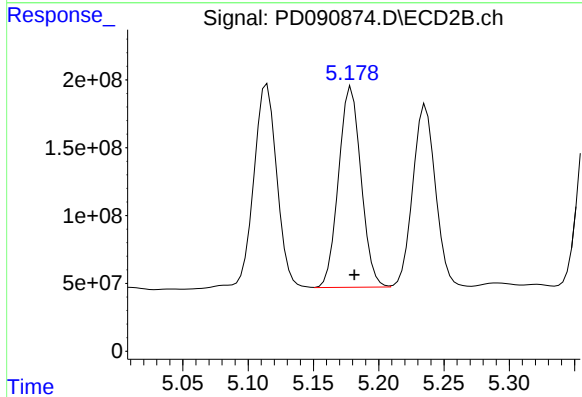
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 302315439
Conc: 48.92 ng/ml

Instrument :
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ClientSampleId :
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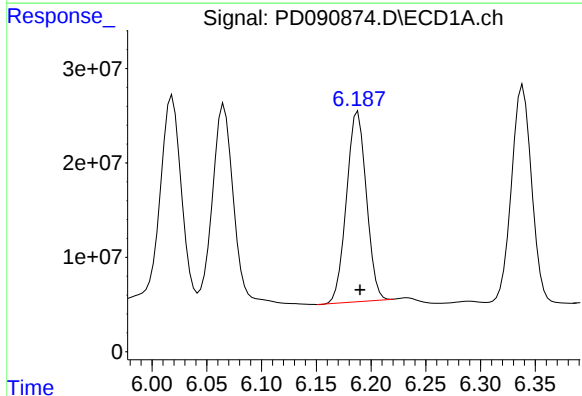
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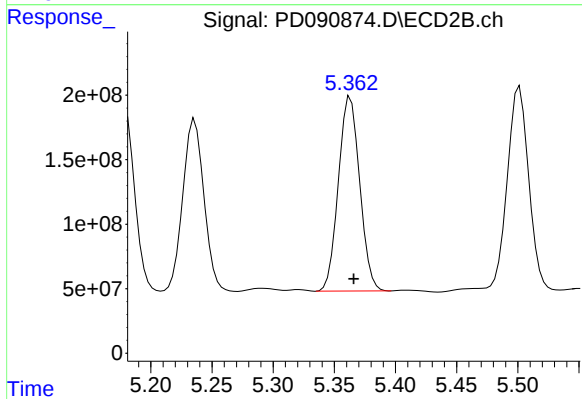
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 1771956701
Conc: 41.08 ng/ml



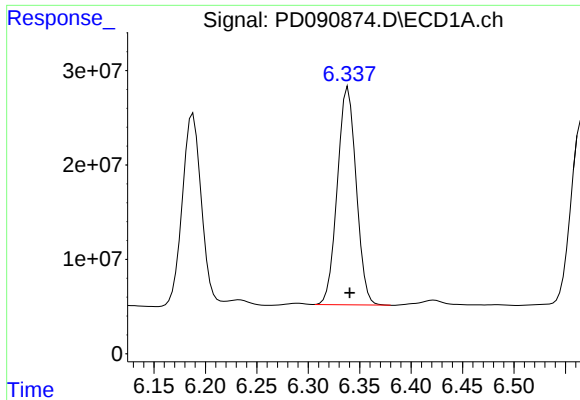
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 253790614
Conc: 47.65 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 1827793932
Conc: 41.69 ng/ml



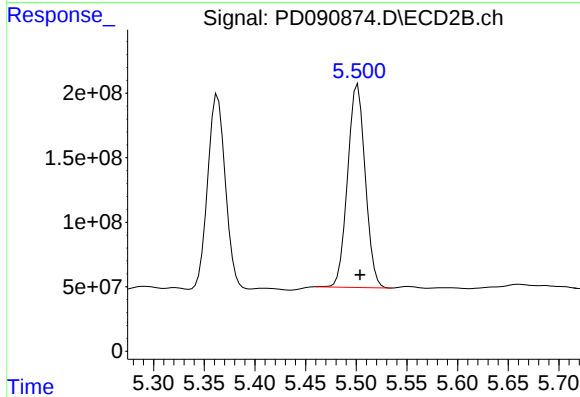
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 294012632
Conc: 50.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
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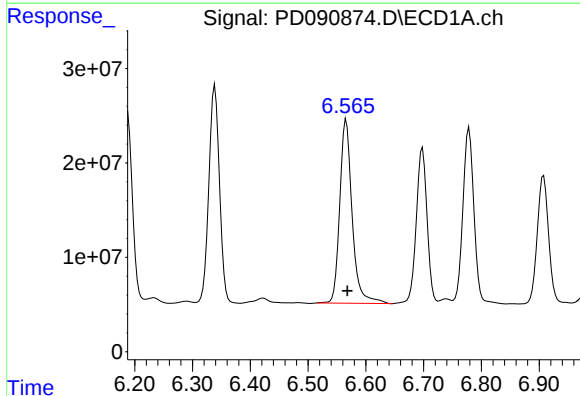
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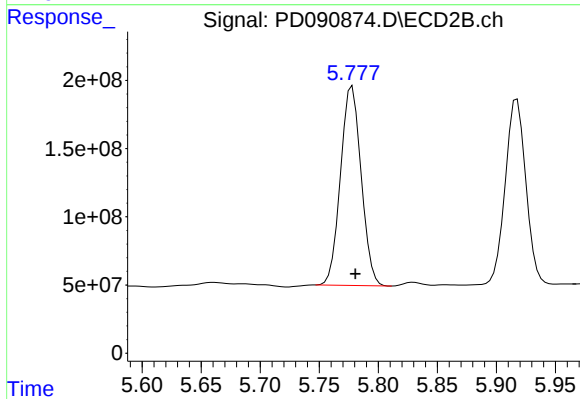
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.002 min
Response: 1903523010
Conc: 43.08 ng/ml



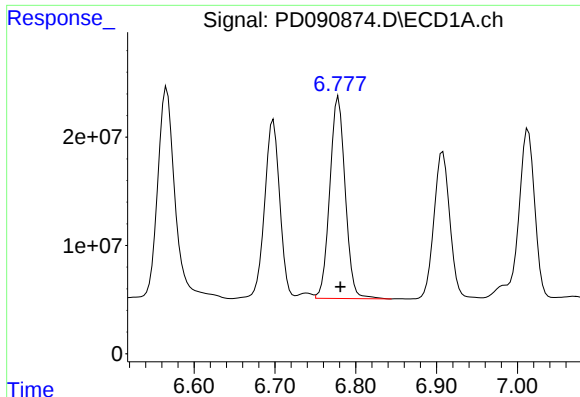
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 289881688
Conc: 58.52 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 1779173109
Conc: 43.94 ng/ml



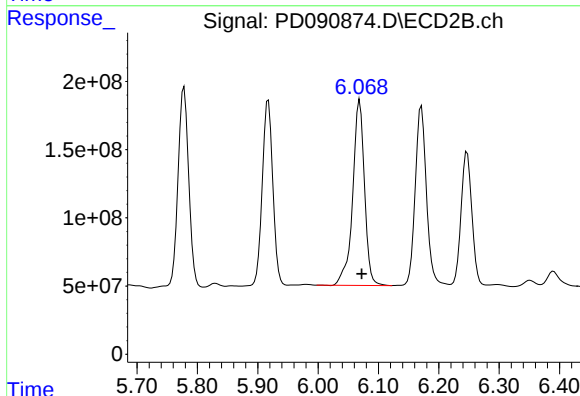
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 247259646
Conc: 49.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
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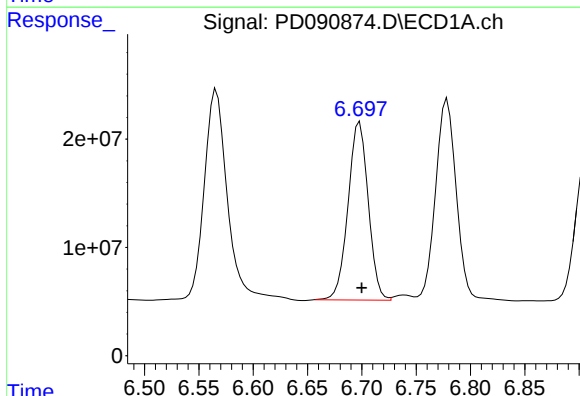
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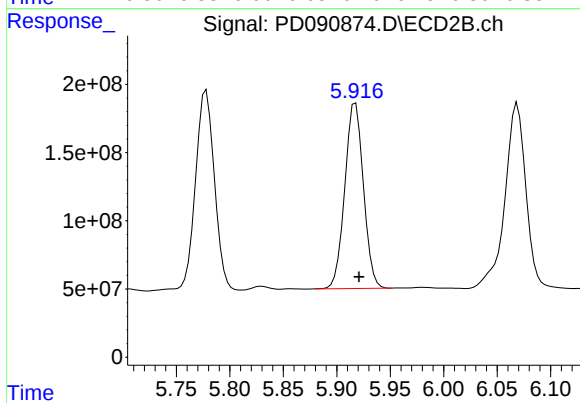
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1850244501
Conc: 49.27 ng/ml



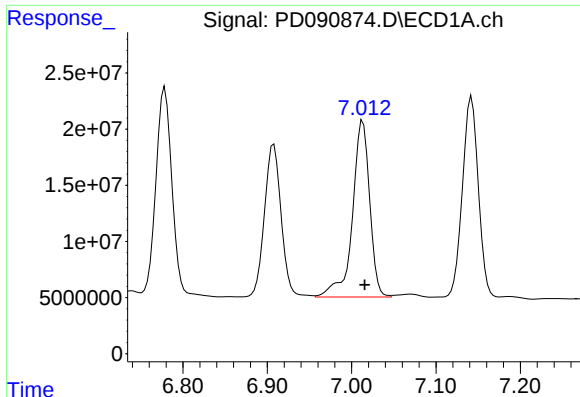
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 212772742
Conc: 52.48 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 1648212161
Conc: 45.23 ng/ml



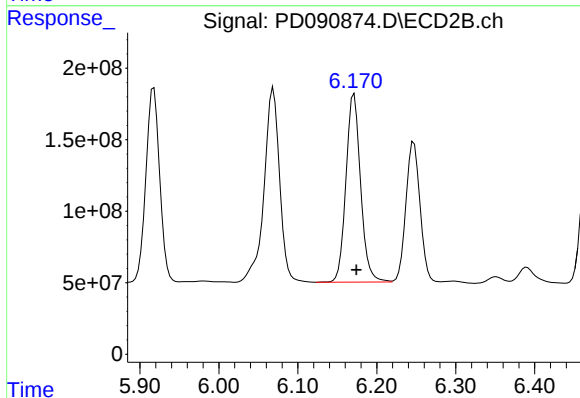
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 223546675
Conc: 54.38 ng/ml

Instrument :
ECD_D
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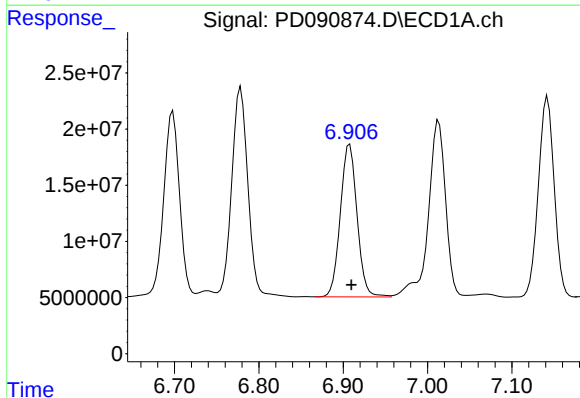
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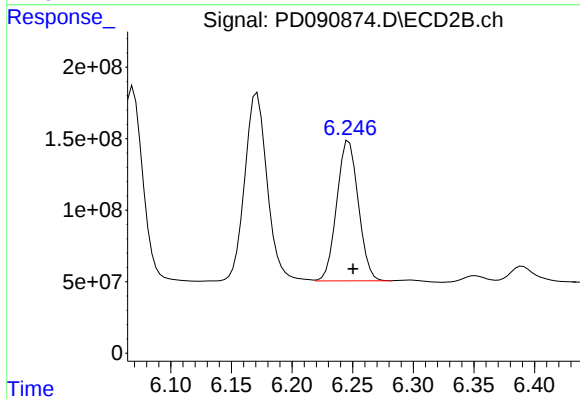
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1697855291
Conc: 48.41 ng/ml



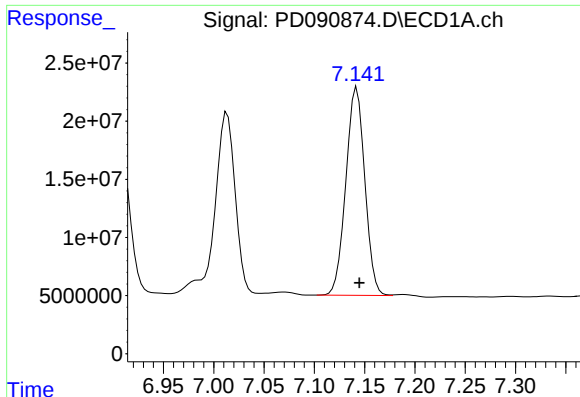
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 187037812
Conc: 51.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 1210352787
Conc: 43.71 ng/ml



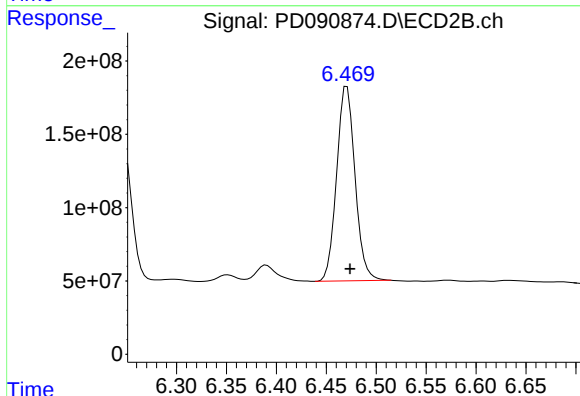
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 234250172
Conc: 50.50 ng/ml

Instrument :
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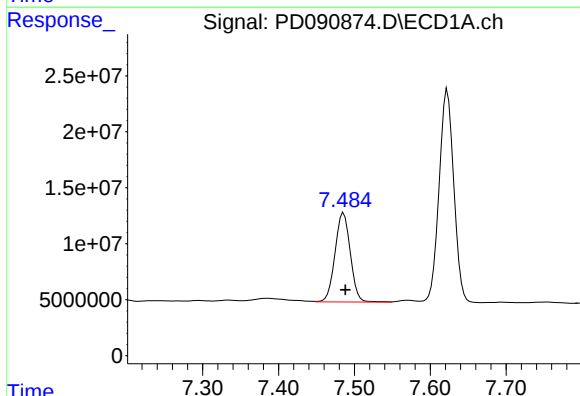
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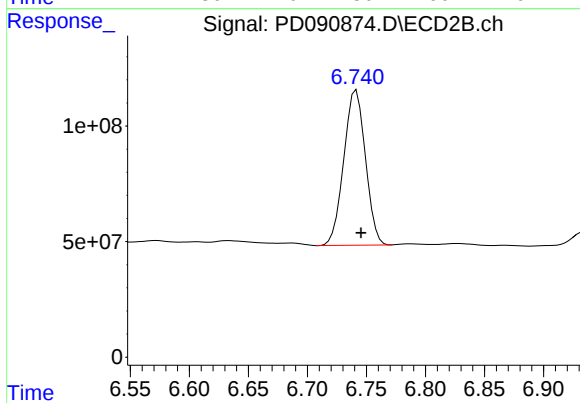
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1700789692
Conc: 47.45 ng/ml



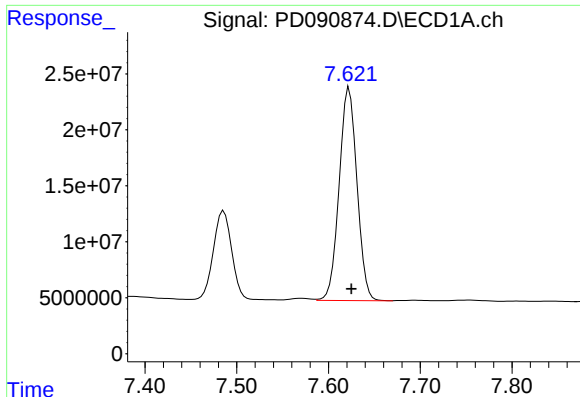
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 112009819
Conc: 52.70 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 855682619
Conc: 49.10 ng/ml



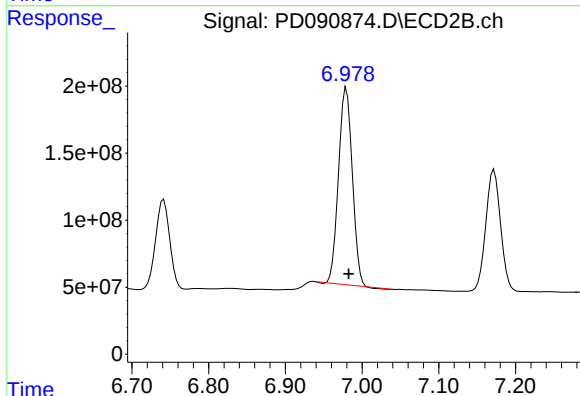
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 256811092
Conc: 52.85 ng/ml

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

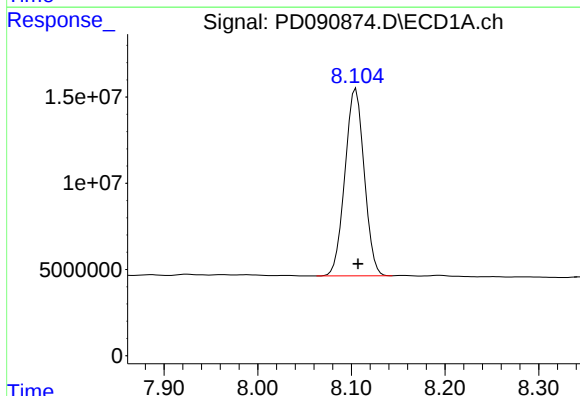
Manual Integrations
APPROVED

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



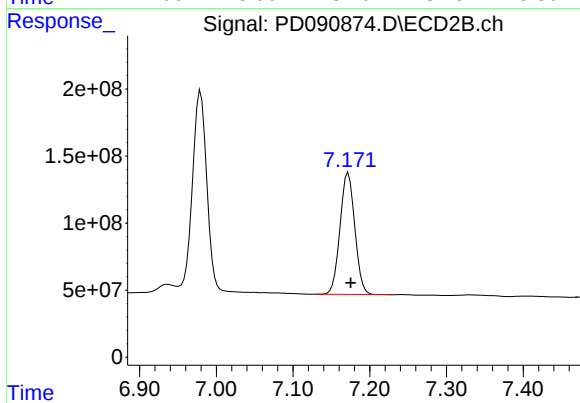
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1826016800
Conc: 48.41 ng/ml



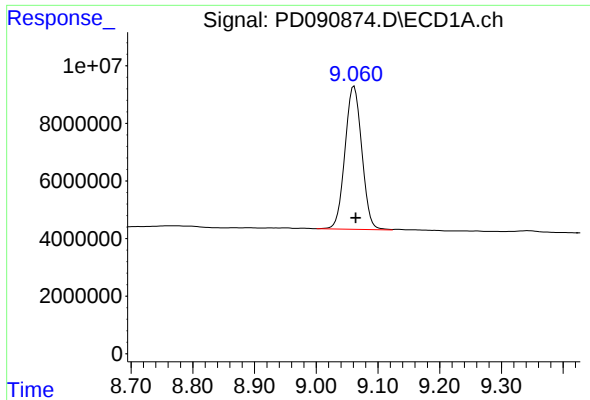
#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.002 min
Response: 155132394
Conc: 48.47 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1218369460
Conc: 47.42 ng/ml



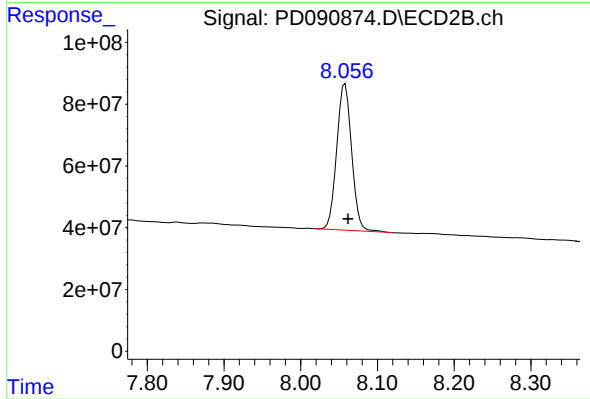
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.003 min
Response: 94120457
Conc: 20.12 ng/ml

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

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: 640769242
Conc: 21.15 ng/ml