

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
 Data File : PL094886.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2025 18:39
 Operator : AR\AJ
 Sample : PB167325BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167325BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/27/2025
 Supervised By : mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 02:06:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	2.770	56788220	73308078	20.062	20.539
28)	SA Decachlor...	9.050	7.902	44691050	63539304	21.206	15.730 #
Target Compounds							
2)	A alpha-BHC	3.992	3.272	162.3E6	248.6E6	39.084	46.106
3)	MA gamma-BHC...	4.325	3.601	155.9E6	231.0E6	39.065	44.938
4)	MA Heptachlor	4.912	3.939	150.2E6	231.0E6	38.690	43.852
5)	MB Aldrin	5.253	4.218	141.6E6	216.8E6	38.344	44.450
6)	B beta-BHC	4.524	3.902	73441644	102.2E6	39.801	46.027
7)	B delta-BHC	4.769	4.130	129.3E6	169.2E6	33.203m	33.827
8)	B Heptachlo...	5.680	4.721	134.3E6	199.6E6	40.150	43.591
9)	A Endosulfan I	6.064	5.090	126.6E6	189.6E6	41.236m	43.203
10)	B gamma-Chl...	5.936	4.971	136.2E6	205.9E6	40.409	42.649
11)	B alpha-Chl...	6.015	5.034	134.0E6	202.9E6	40.639	42.522
12)	B 4,4'-DDE	6.189	5.222	132.8E6	209.0E6	45.144	44.953m
13)	MA Dieldrin	6.341	5.354	131.8E6	207.3E6	41.221	42.722
14)	MA Endrin	6.571	5.630	108.1E6	183.4E6	38.990	42.032
15)	B Endosulfa...	6.790	5.925	115.1E6	178.2E6	42.390	41.161
16)	A 4,4'-DDD	6.707	5.778	101.0E6	161.7E6	46.632	44.982
17)	MA 4,4'-DDT	7.020	6.027	100.3E6	167.5E6	42.187	41.531
18)	B Endrin al...	6.920	6.104	86048271	134.8E6	40.762m	40.068
19)	B Endosulfa...	7.156	6.327	97502650	165.5E6	40.091	40.629
20)	A Methoxychlor	7.497	6.603	52608738	90509483	43.948	42.672
21)	B Endrin ke...	7.641	6.832	112.4E6	184.4E6	42.526	38.641
22)	Mirex	8.113	7.010	81330674	146.5E6	39.361	38.599m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
Data File : PL094886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Mar 2025 18:39
Operator : AR\AJ
Sample : PB167325BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

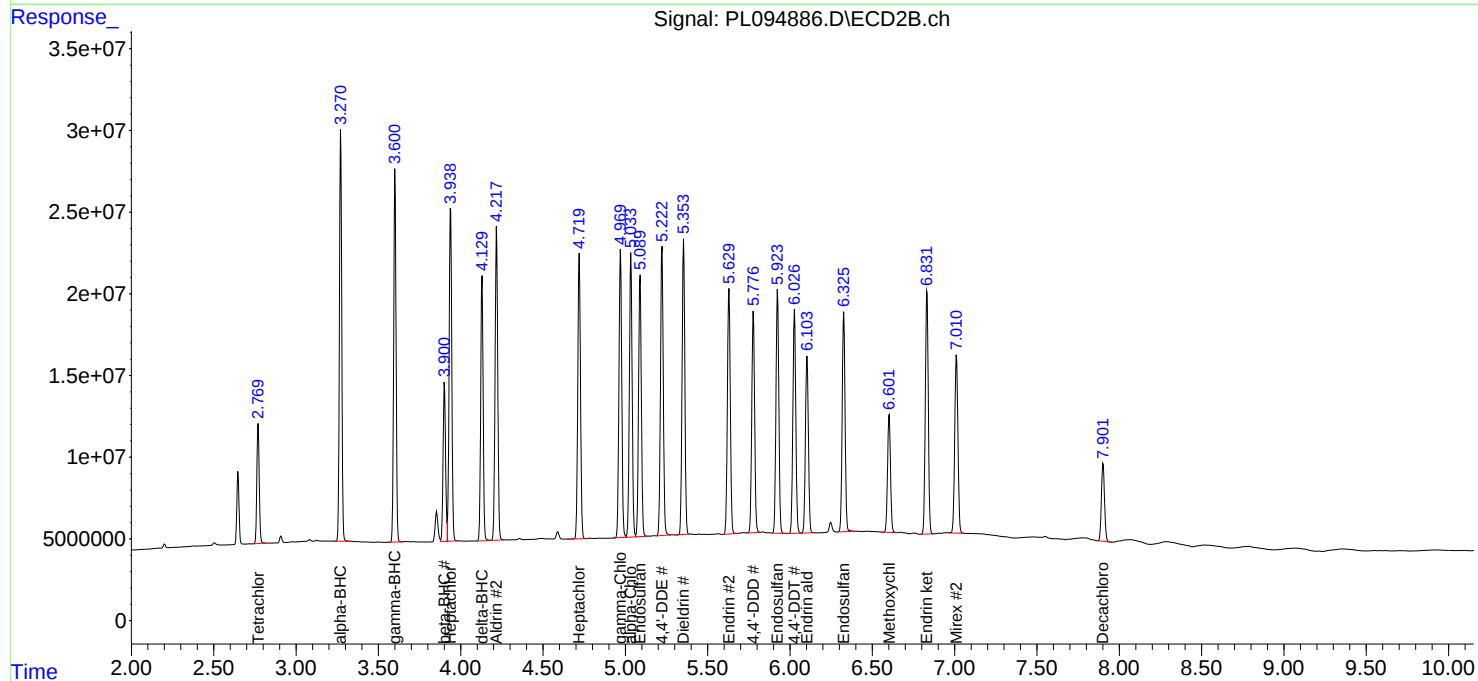
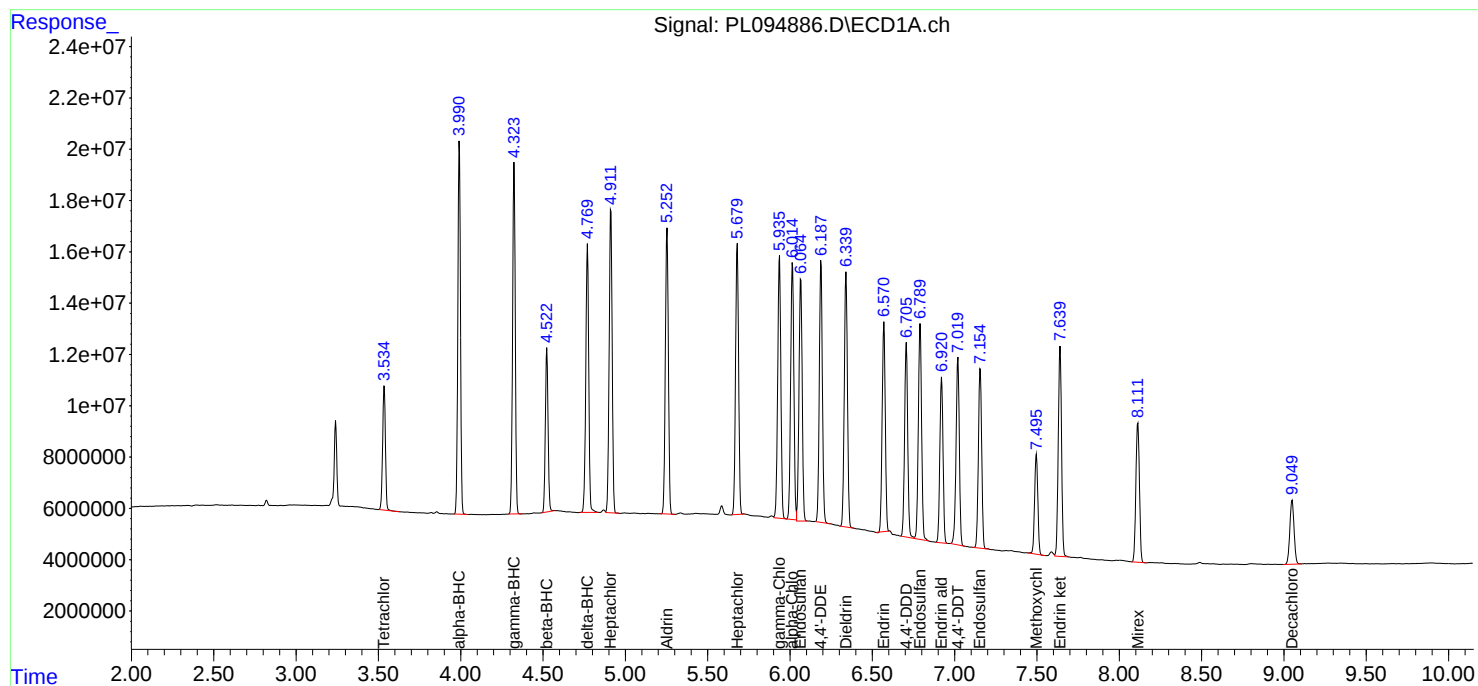
Instrument :
ECD_L
ClientSampleId :
PB167325BS

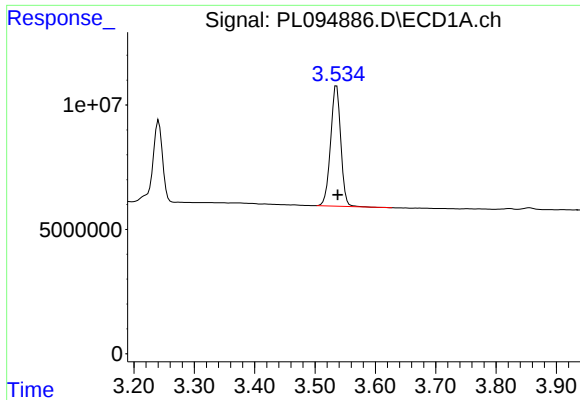
Manual Integrations
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Reviewed By :Abdul Mirza 03/27/2025
Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 02:06:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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 x0.25µm





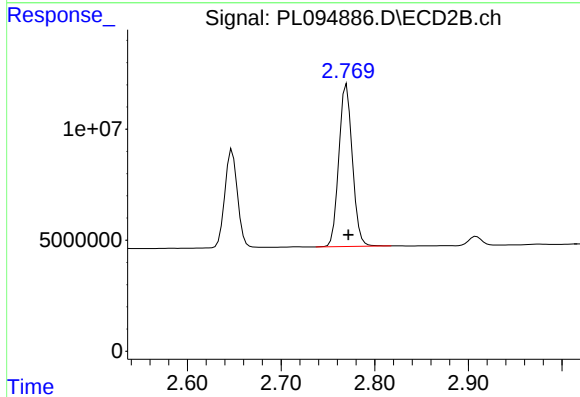
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 56788220
Conc: 20.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

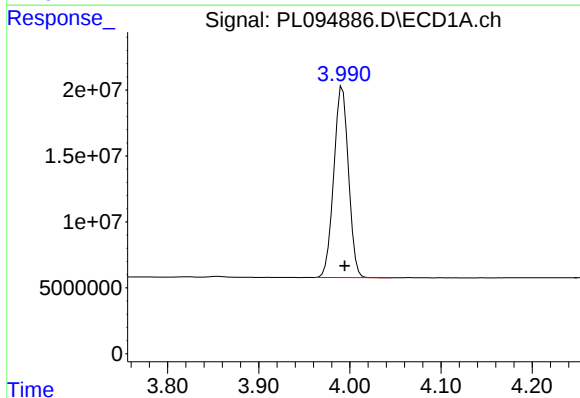
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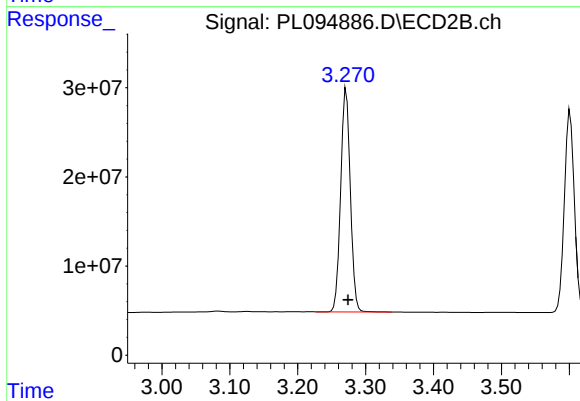
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 73308078
Conc: 20.54 ng/ml



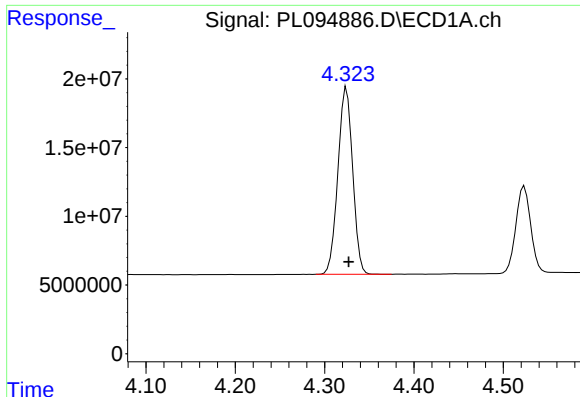
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 162288370
Conc: 39.08 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 248573405
Conc: 46.11 ng/ml



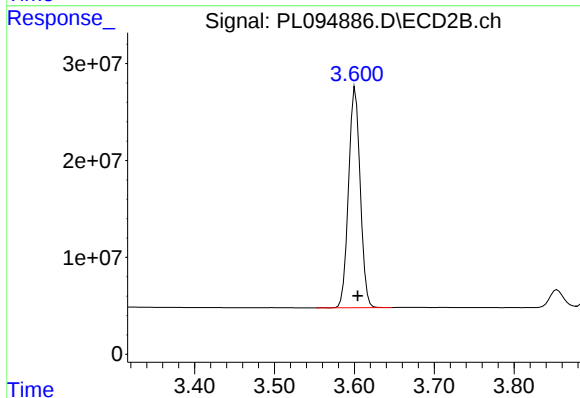
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 155878046
Conc: 39.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

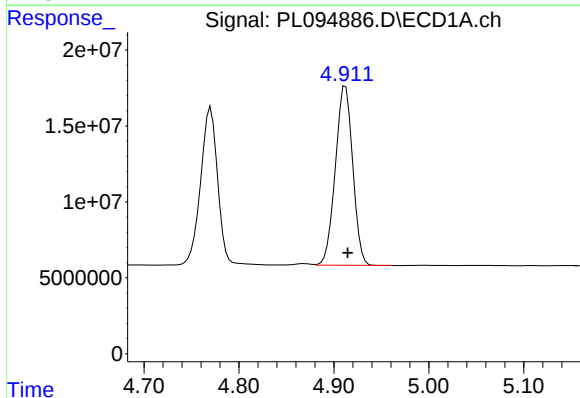
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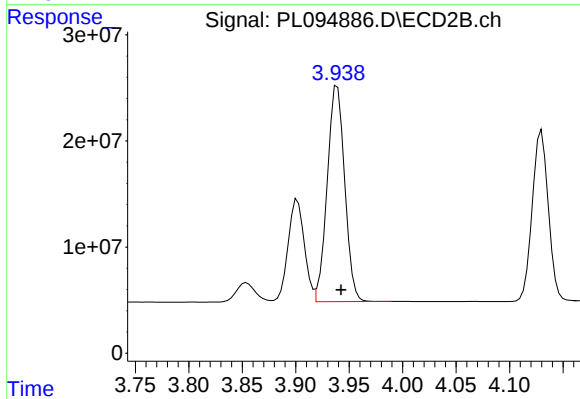
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 230958092
Conc: 44.94 ng/ml



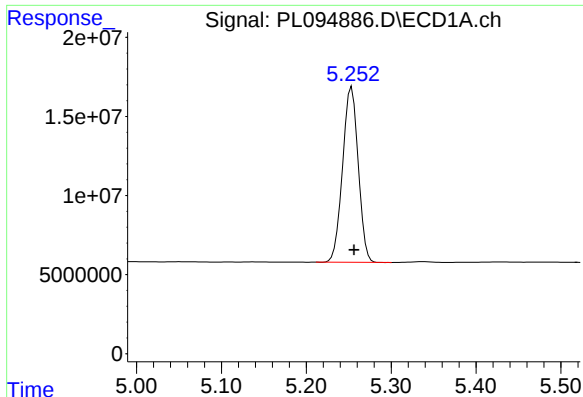
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 150180442
Conc: 38.69 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 231041843
Conc: 43.85 ng/ml



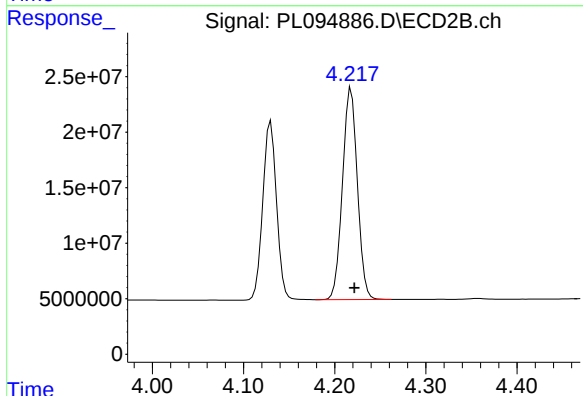
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 141575711
Conc: 38.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

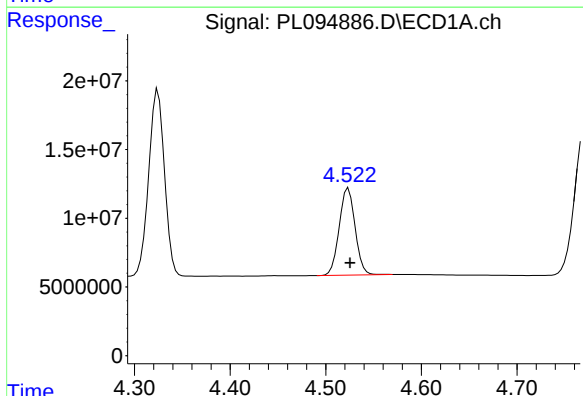
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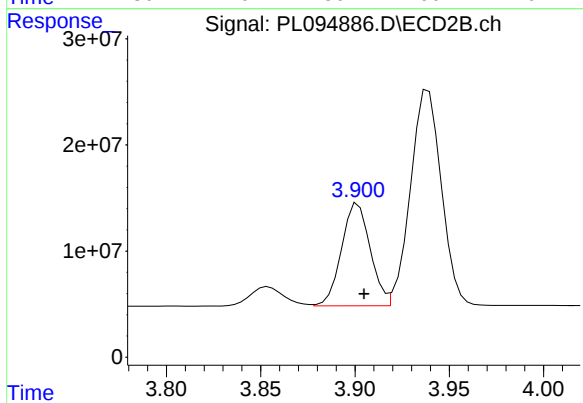
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 216751763
Conc: 44.45 ng/ml



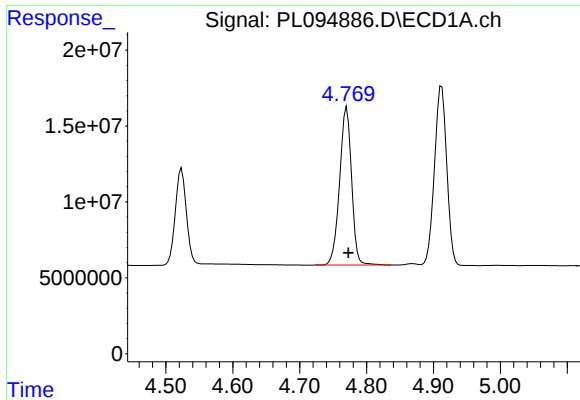
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 73441644
Conc: 39.80 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 102238928
Conc: 46.03 ng/ml



#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 129301015
Conc: 33.20 ng/ml

Instrument :

ECD_L

ClientSampleId :

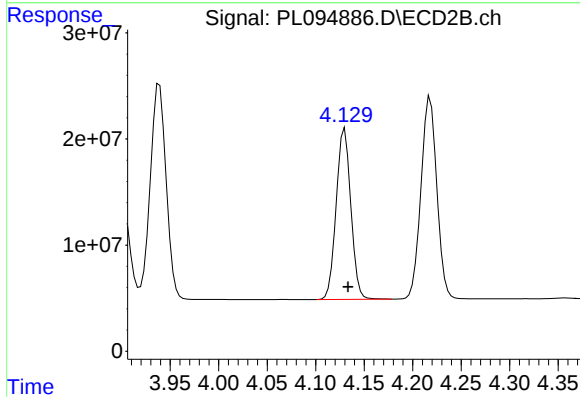
PB167325BS

Manual Integrations

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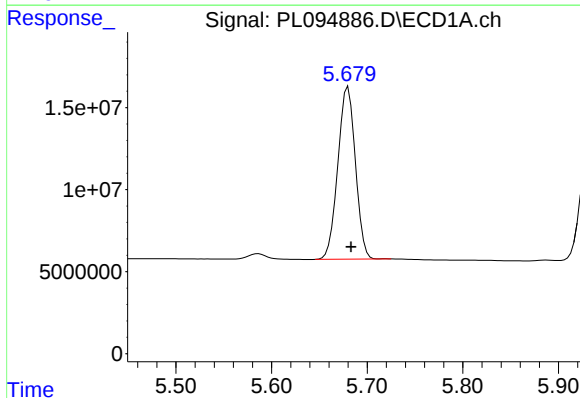
Reviewed By :Abdul Mirza 03/27/2025

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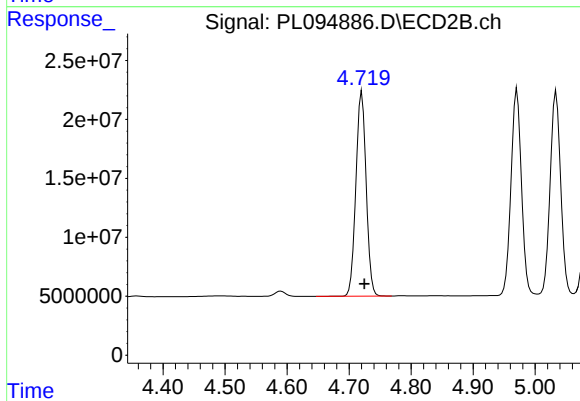
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 169202758
Conc: 33.83 ng/ml



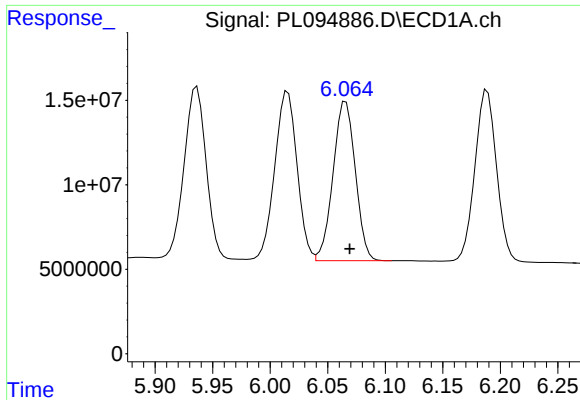
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 134310804
Conc: 40.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 199582989
Conc: 43.59 ng/ml



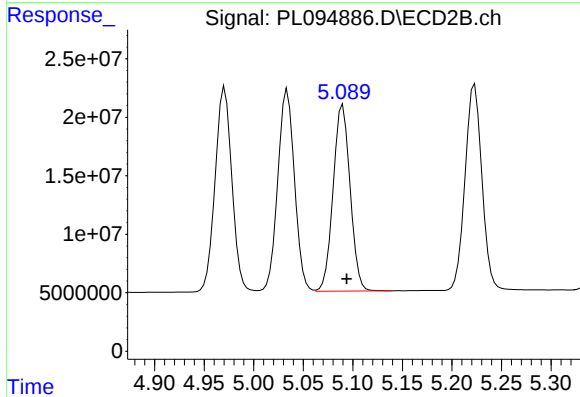
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 126603592
Conc: 41.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

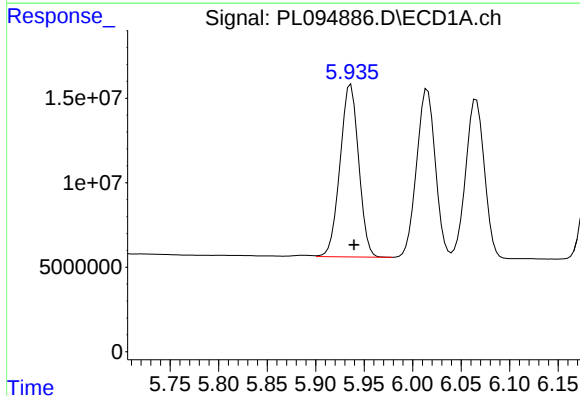
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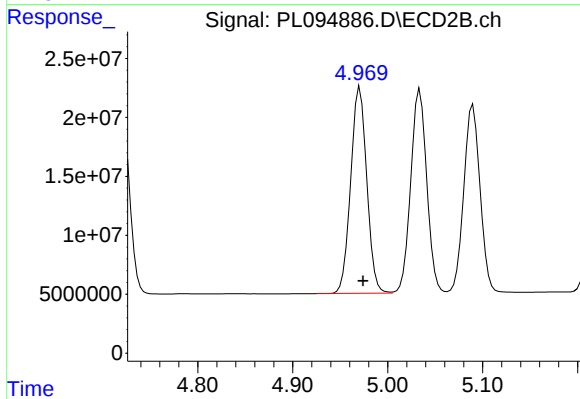
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 189605858
Conc: 43.20 ng/ml



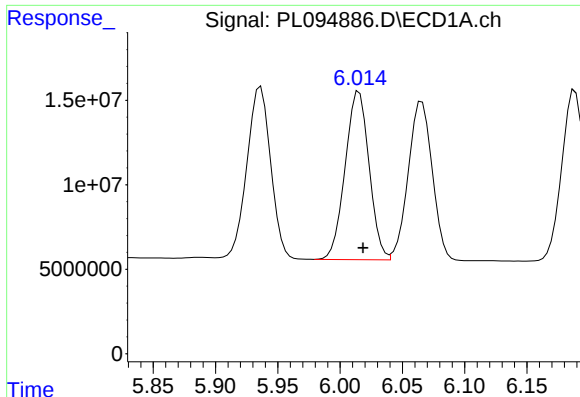
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 136154000
Conc: 40.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 205926238
Conc: 42.65 ng/ml



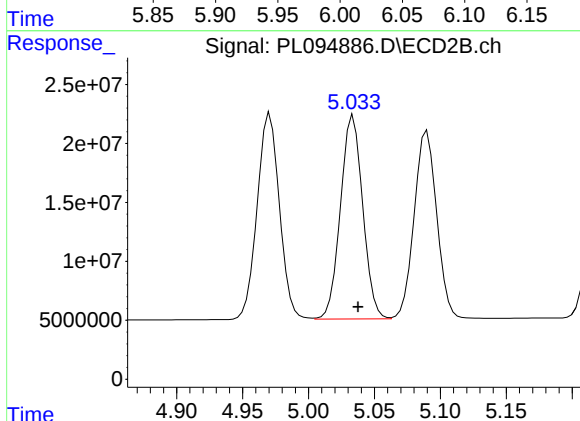
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 133979917
Conc: 40.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

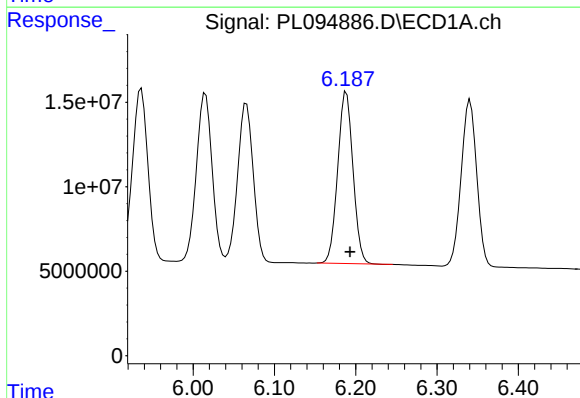
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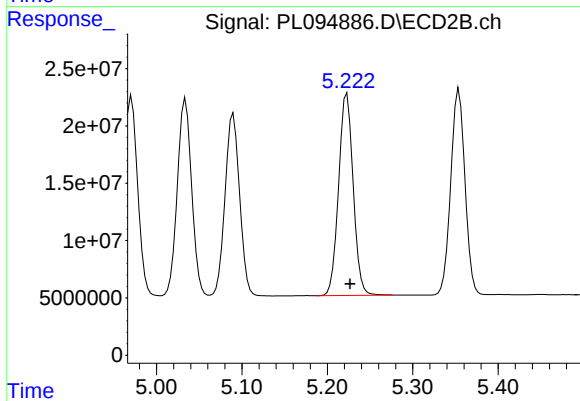
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 202945618
Conc: 42.52 ng/ml



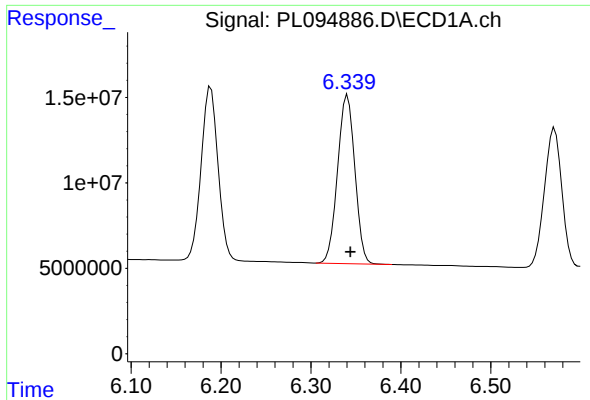
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 132814837
Conc: 45.14 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 208966960
Conc: 44.95 ng/ml m



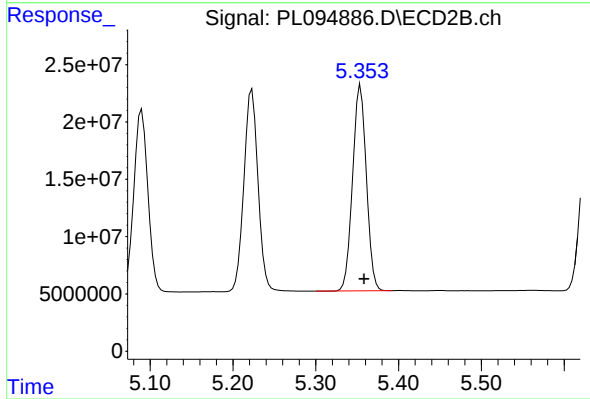
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 131829783
Conc: 41.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

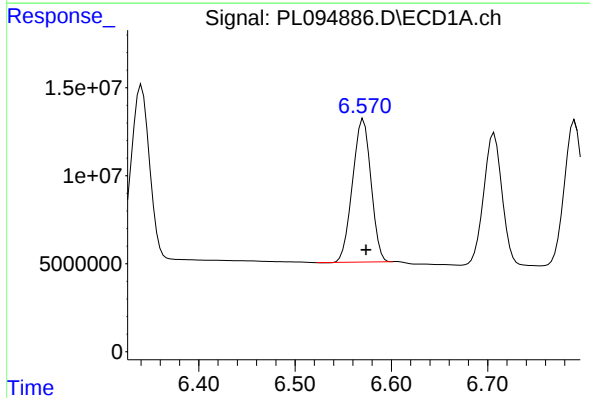
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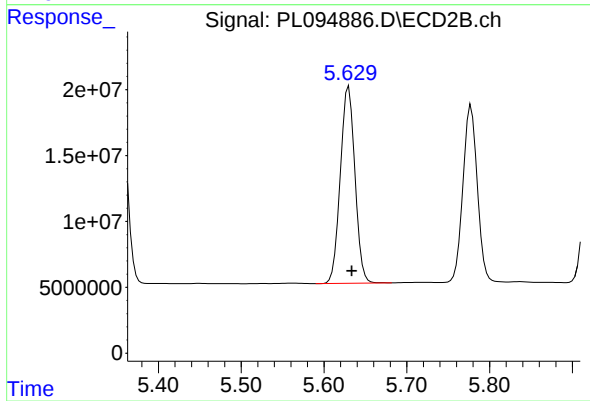
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 207277502
Conc: 42.72 ng/ml



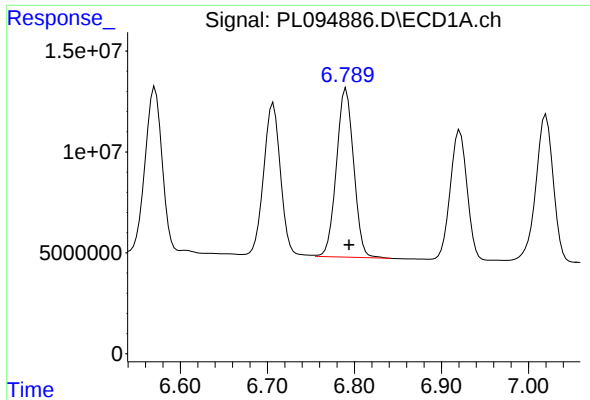
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 108083075
Conc: 38.99 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 183413227
Conc: 42.03 ng/ml



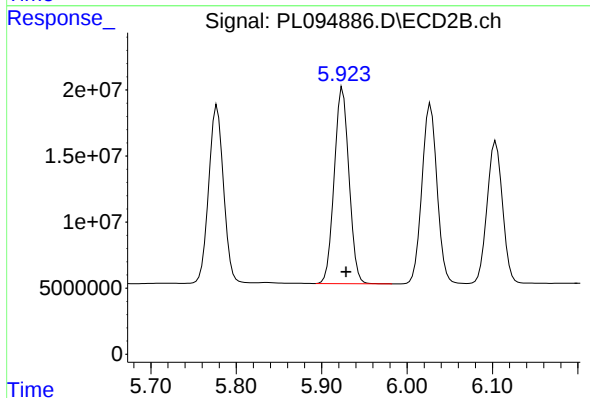
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 115077299
Conc: 42.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

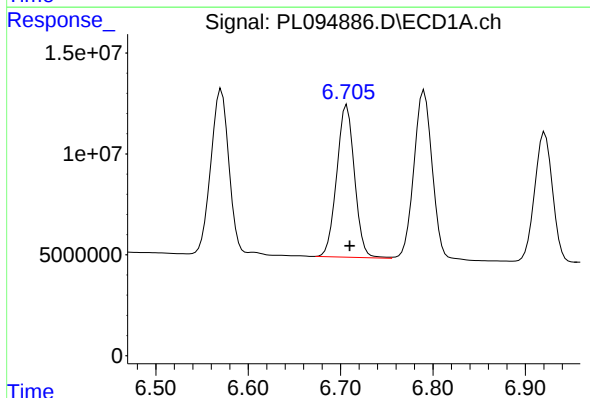
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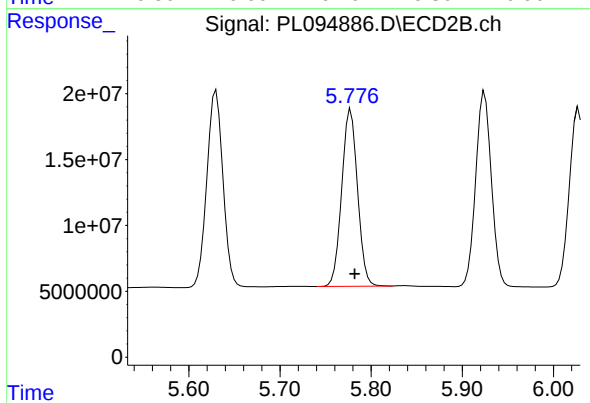
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.004 min
Response: 178157051
Conc: 41.16 ng/ml



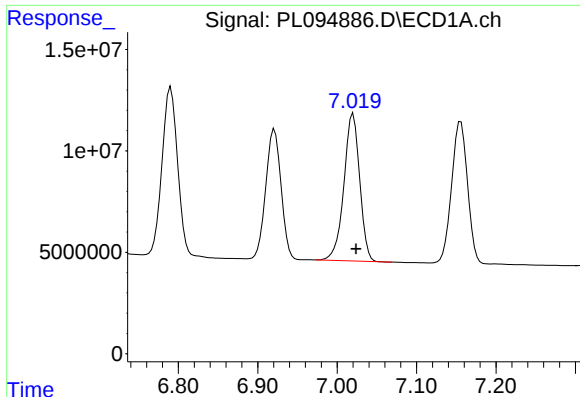
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 101006972
Conc: 46.63 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 161749427
Conc: 44.98 ng/ml



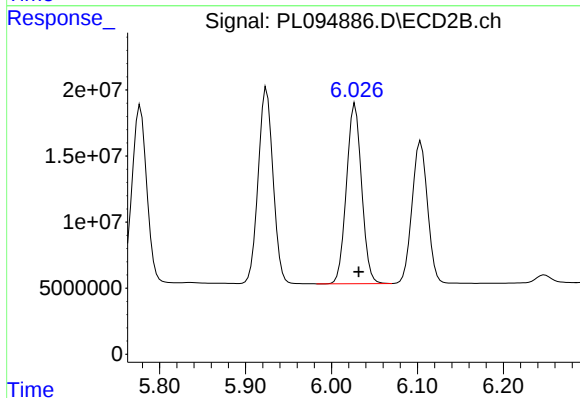
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 100342533
Conc: 42.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

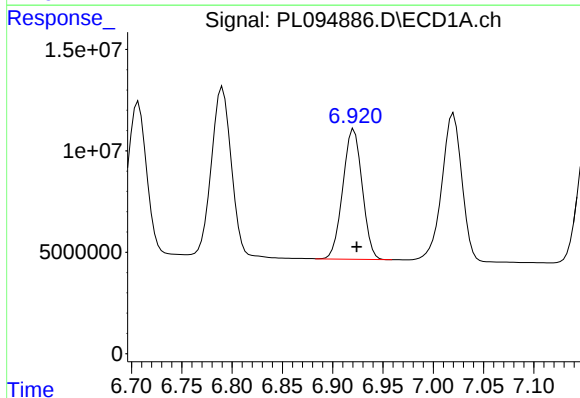
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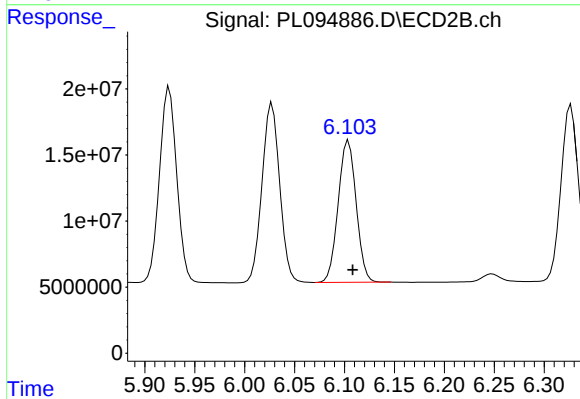
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 167457671
Conc: 41.53 ng/ml



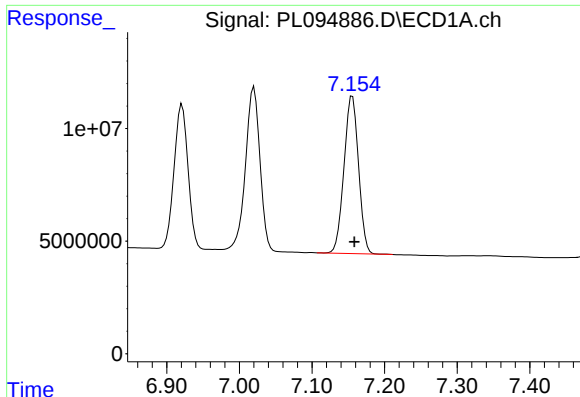
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 86048271
Conc: 40.76 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 134845085
Conc: 40.07 ng/ml



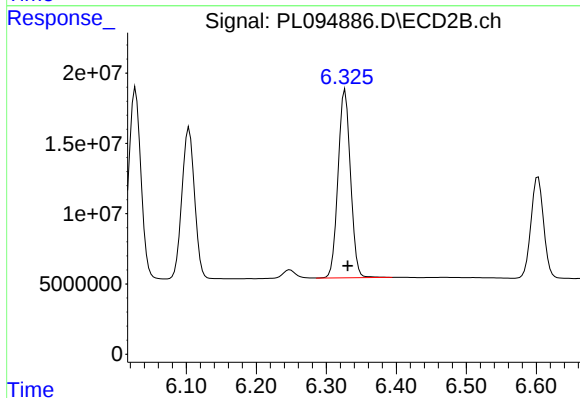
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 97502650
Conc: 40.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

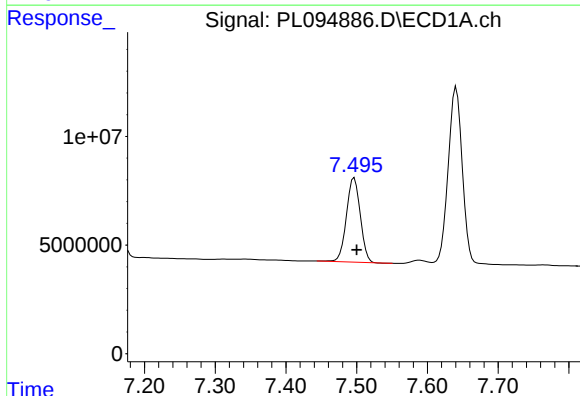
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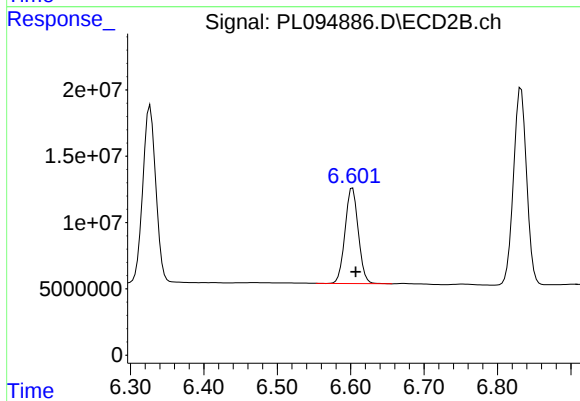
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 165499277
Conc: 40.63 ng/ml



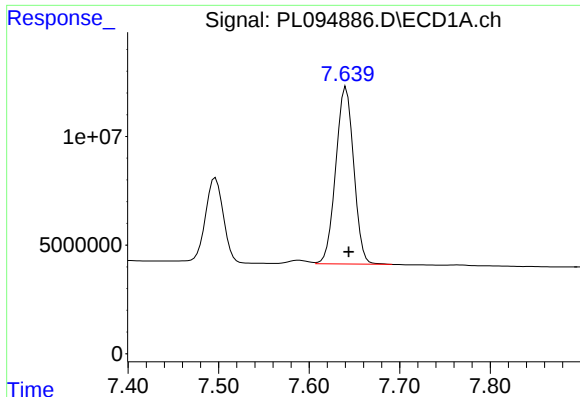
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 52608738
Conc: 43.95 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 90509483
Conc: 42.67 ng/ml



#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 112407463
Conc: 42.53 ng/ml

Instrument :

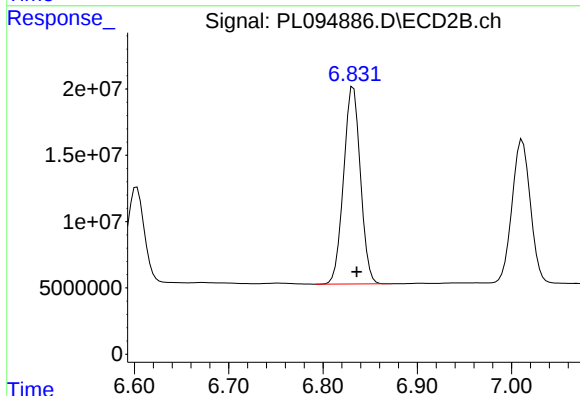
ECD_L

ClientSampleId :

PB167325BS

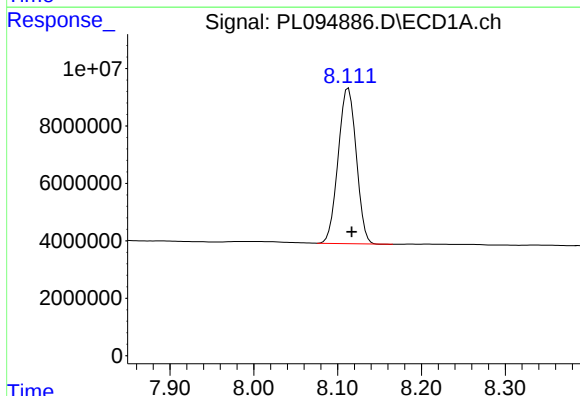
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



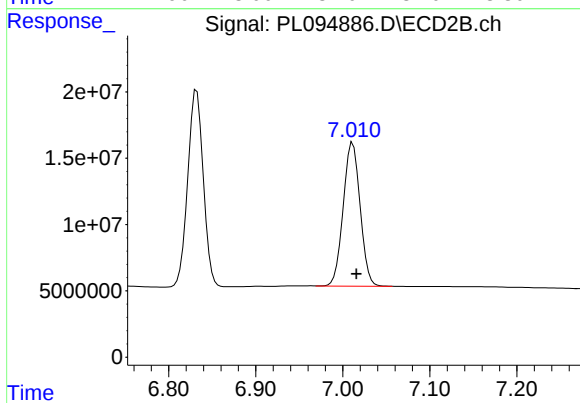
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 184419302
Conc: 38.64 ng/ml



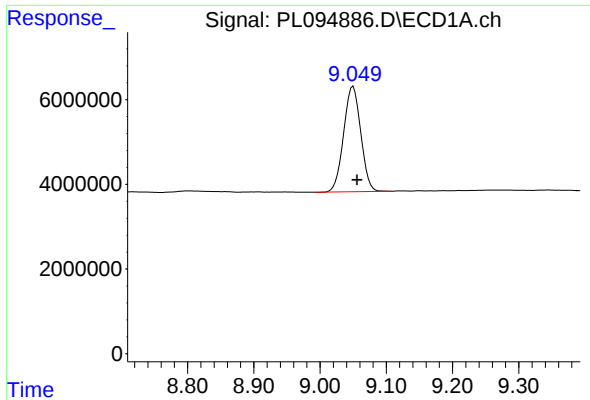
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 81330674
Conc: 39.36 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 146494391
Conc: 38.60 ng/ml m



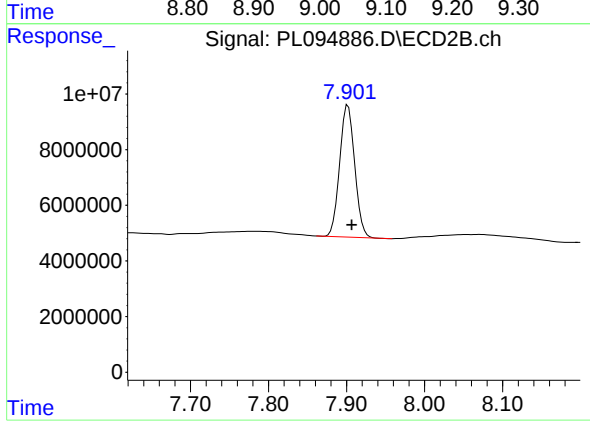
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.006 min
Response: 44691050
Conc: 21.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 63539304
Conc: 15.73 ng/ml