

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
 Data File : PL094870.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2025 14:14
 Operator : AR\AJ
 Sample : PB167250BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167250BS

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 02:04:26 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...	3.540	2.769	49189853	66077534	17.377	18.513
28)	SA Decachlor...	9.055	7.903	42966084	78707204	20.388	19.485
Target Compounds							
2)	A alpha-BHC	3.996	3.271	176.8E6	268.4E6	42.586	49.782
3)	MA gamma-BHC...	4.329	3.601	169.0E6	248.3E6	42.358	48.317
4)	MA Heptachlor	4.916	3.939	161.6E6	239.7E6	41.626	45.497
5)	MB Aldrin	5.257	4.218	153.3E6	223.5E6	41.515	45.829
6)	B beta-BHC	4.528	3.902	76075758	105.9E6	41.229	47.689
7)	B delta-BHC	4.774	4.130	174.7E6	238.0E6	44.859	47.579
8)	B Heptachlo...	5.685	4.721	141.2E6	212.3E6	42.200	46.379
9)	A Endosulfan I	6.070	5.090	134.1E6	194.3E6	43.663	44.280
10)	B gamma-Chl...	5.941	4.971	144.2E6	222.0E6	42.793	45.985
11)	B alpha-Chl...	6.020	5.034	143.1E6	218.7E6	43.413	45.825
12)	B 4,4'-DDE	6.193	5.222	140.6E6	222.5E6	47.779	47.859m
13)	MA Dieldrin	6.345	5.354	142.6E6	226.4E6	44.580	46.653m
14)	MA Endrin	6.575	5.630	118.9E6	205.2E6	42.901	47.017
15)	B Endosulfa...	6.795	5.925	121.5E6	203.5E6	44.744	47.021
16)	A 4,4'-DDD	6.711	5.779	107.8E6	180.6E6	49.758	50.227
17)	MA 4,4'-DDT	7.024	6.029	116.1E6	199.2E6	48.808	49.399
18)	B Endrin al...	6.924	6.105	97621076	159.0E6	46.244	47.250
19)	B Endosulfa...	7.160	6.328	108.6E6	200.1E6	44.648	49.111
20)	A Methoxychlor	7.501	6.604	60208232	108.6E6	50.296	51.209
21)	B Endrin ke...	7.644	6.831	121.5E6	237.1E6	45.965	49.670m
22)	Mirex	8.117	7.011	89386707	173.7E6	43.260	45.757m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
Data File : PL094870.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Mar 2025 14:14
Operator : AR\AJ
Sample : PB167250BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

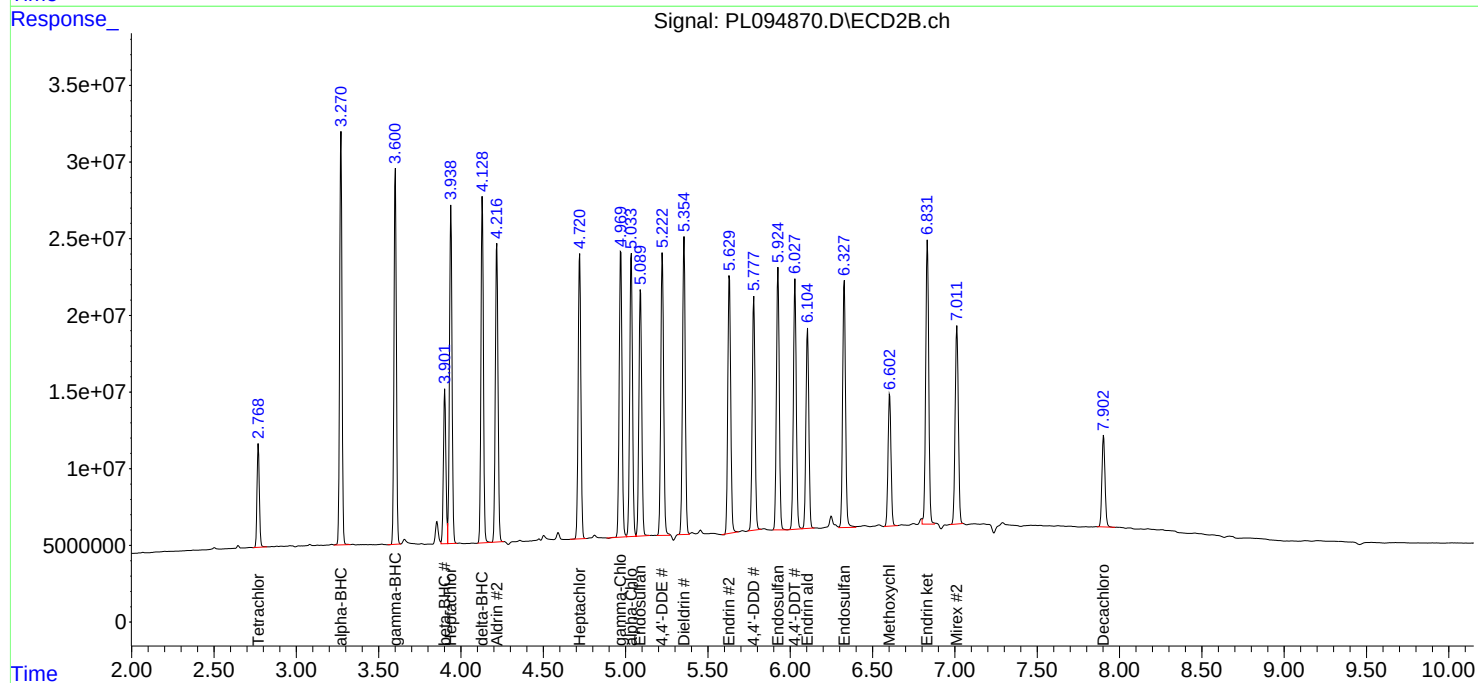
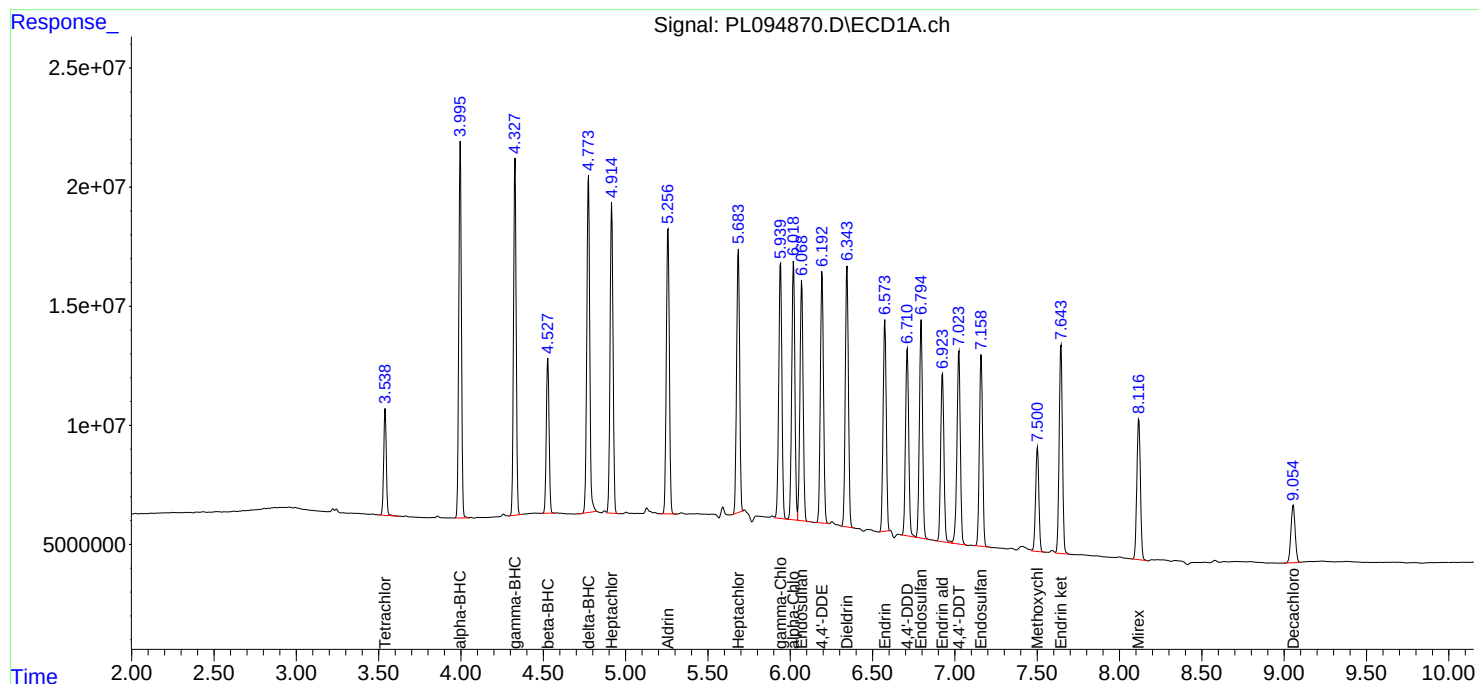
Instrument :
ECD_L
ClientSampleId :
PB167250BS

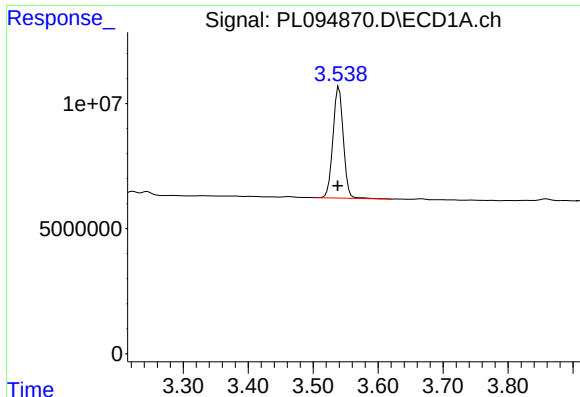
Manual Integrations
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Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 02:04:26 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





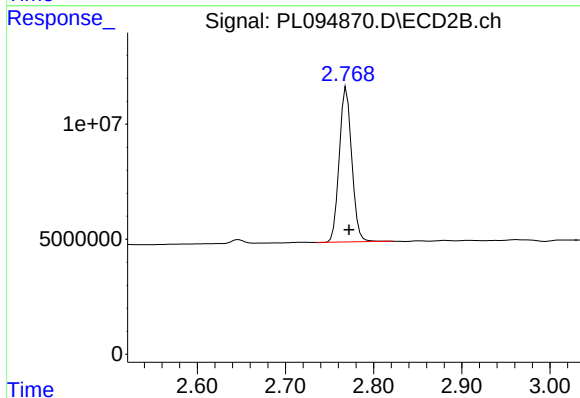
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.002 min
Response: 49189853
Conc: 17.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

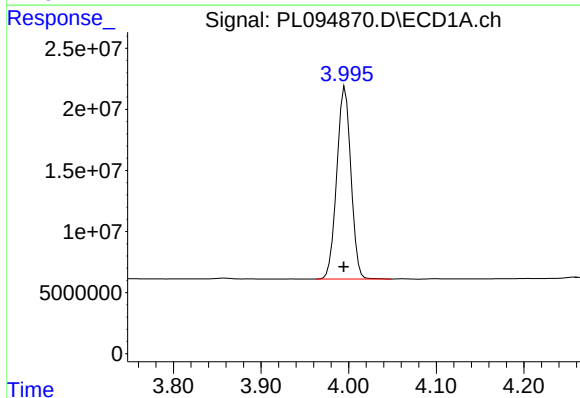
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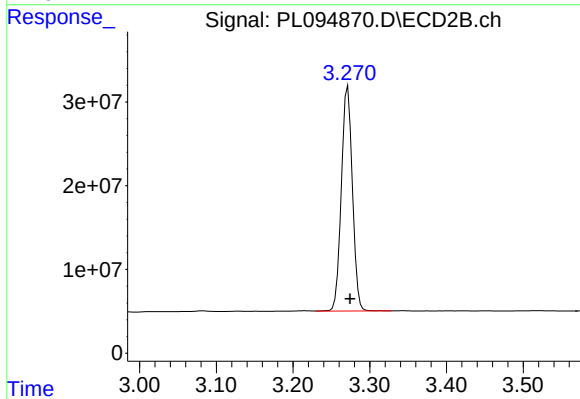
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 66077534
Conc: 18.51 ng/ml



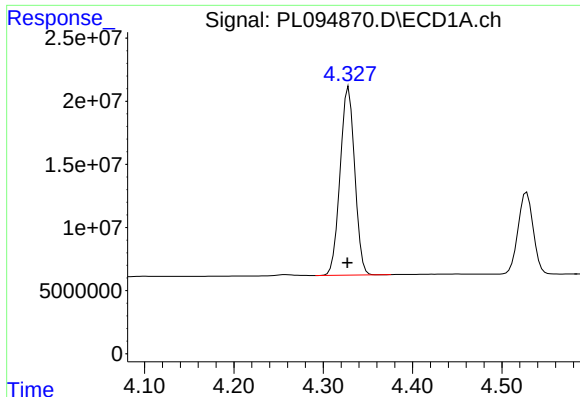
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.002 min
Response: 176830171
Conc: 42.59 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 268393287
Conc: 49.78 ng/ml



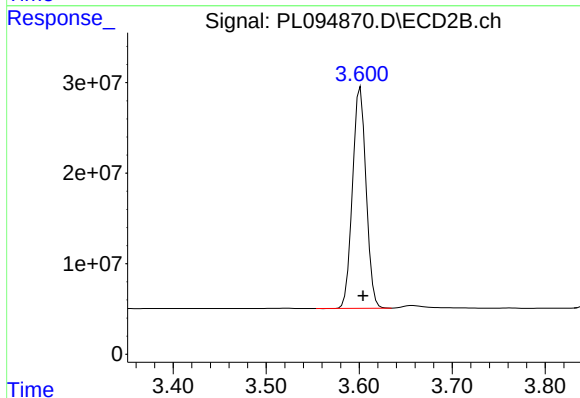
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 169021648
Conc: 42.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

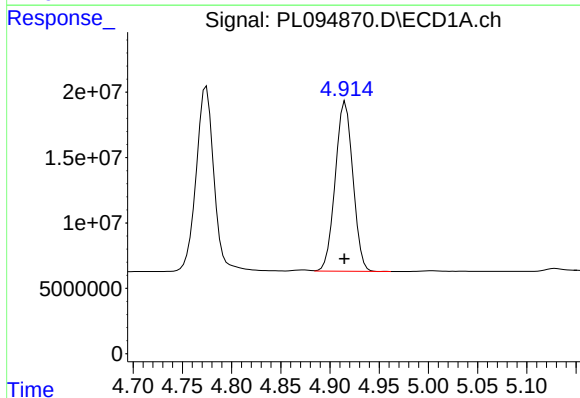
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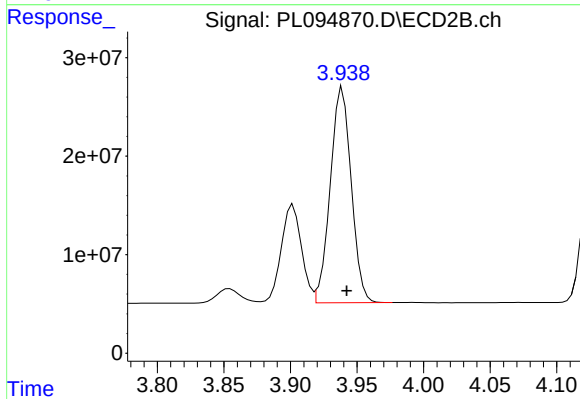
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 248324606
Conc: 48.32 ng/ml



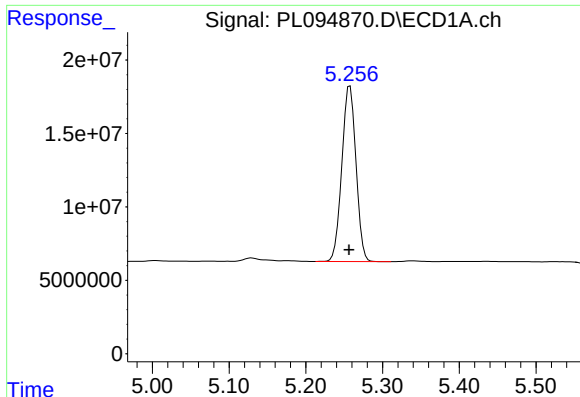
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.001 min
Response: 161575134
Conc: 41.63 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 239705964
Conc: 45.50 ng/ml



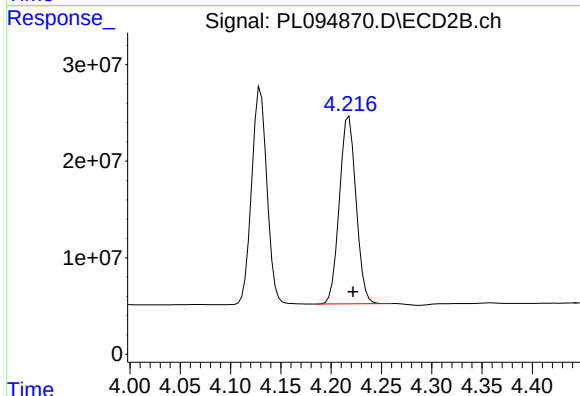
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.001 min
Response: 153283626
Conc: 41.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

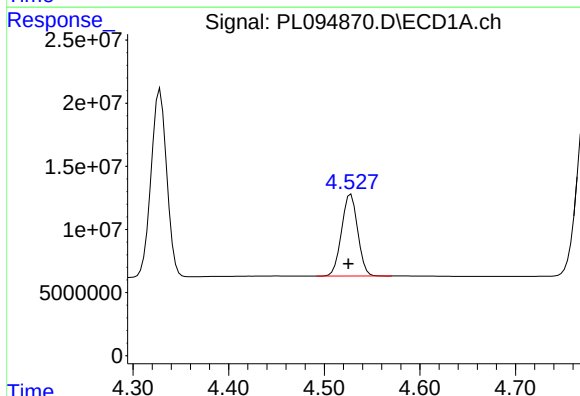
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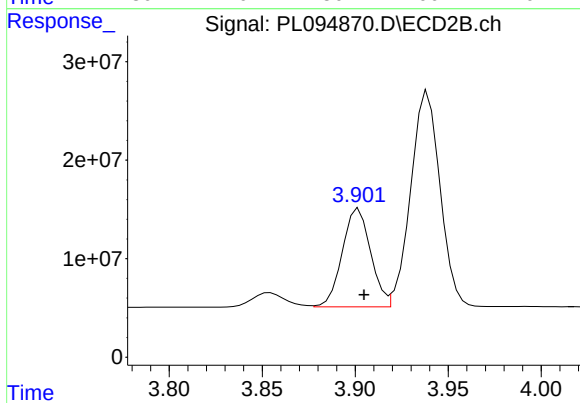
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 223476303
Conc: 45.83 ng/ml



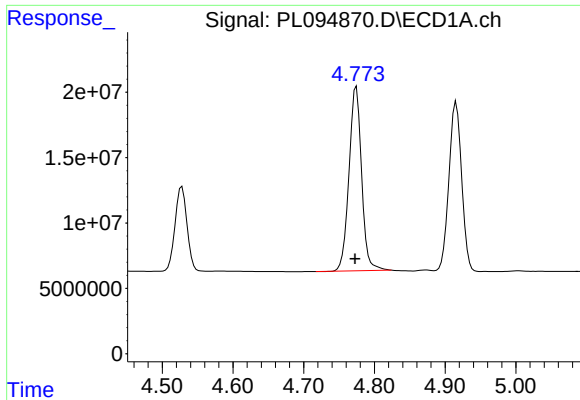
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.002 min
Response: 76075758
Conc: 41.23 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 105931293
Conc: 47.69 ng/ml



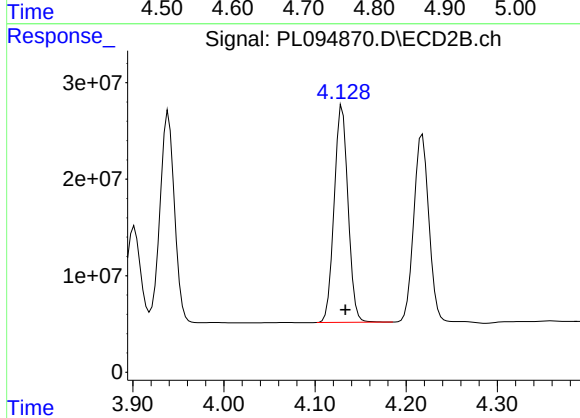
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 174694473
Conc: 44.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

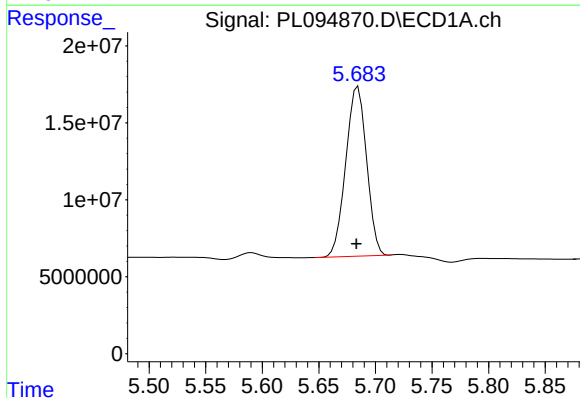
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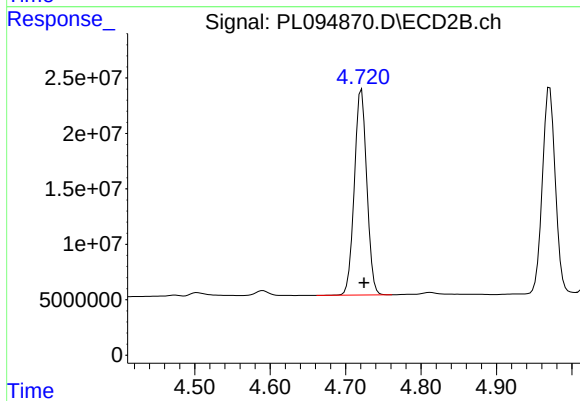
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 237990649
Conc: 47.58 ng/ml



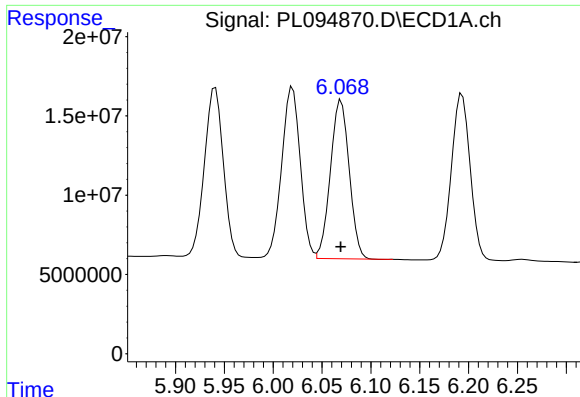
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 141168544
Conc: 42.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 212349877
Conc: 46.38 ng/ml



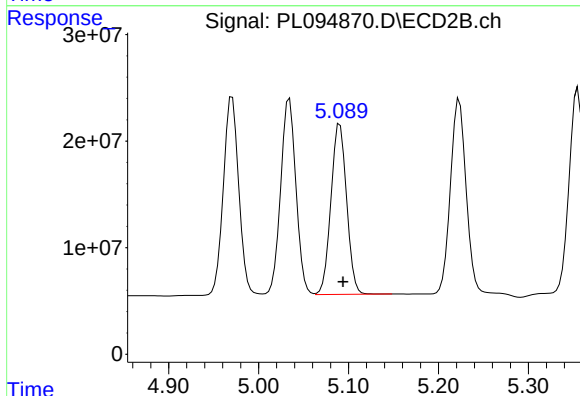
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 134054159
Conc: 43.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

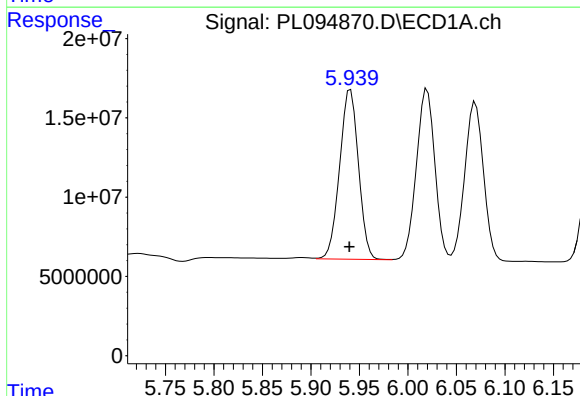
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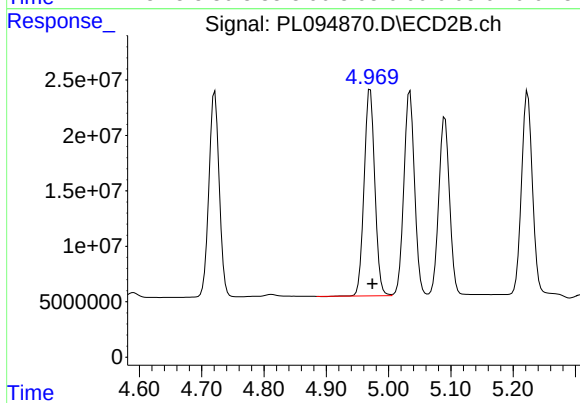
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 194331760
Conc: 44.28 ng/ml



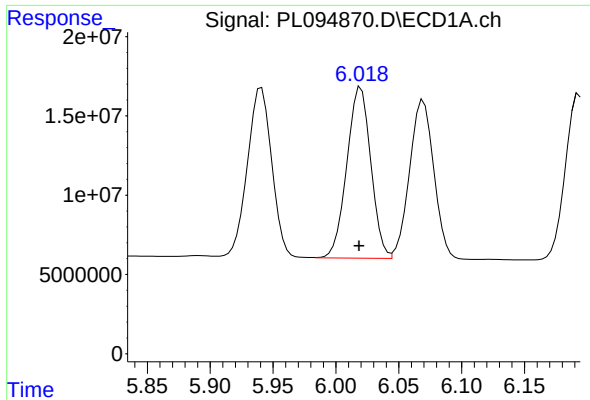
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.001 min
Response: 144185449
Conc: 42.79 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 222033446
Conc: 45.98 ng/ml



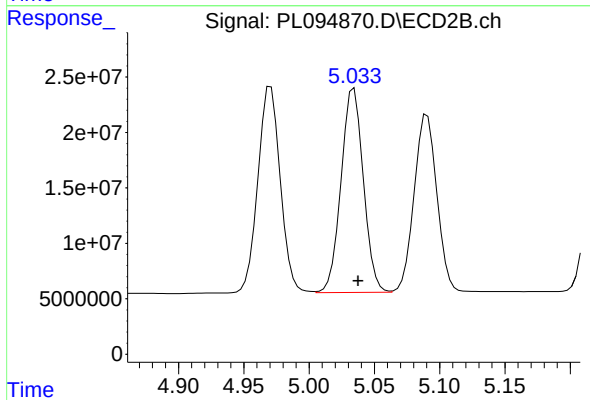
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.001 min
Response: 143125150
Conc: 43.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

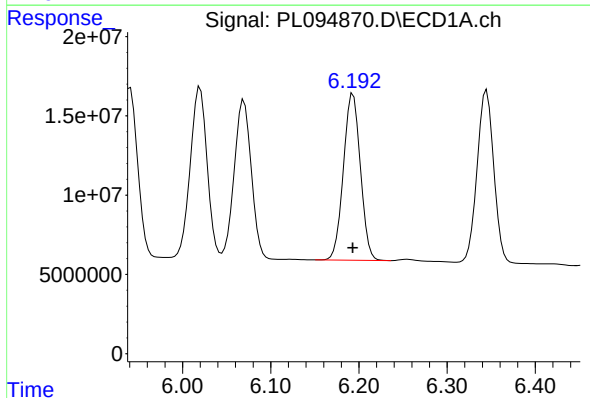
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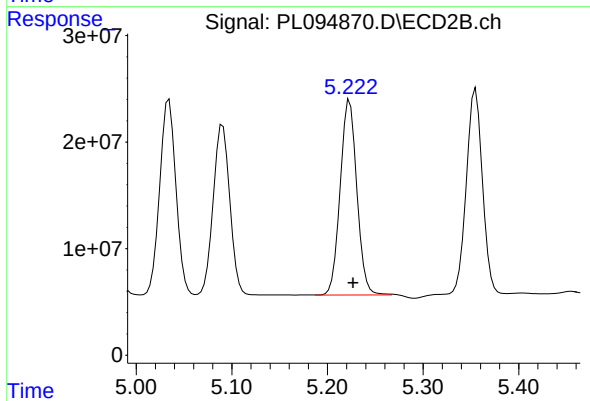
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 218711393
Conc: 45.82 ng/ml



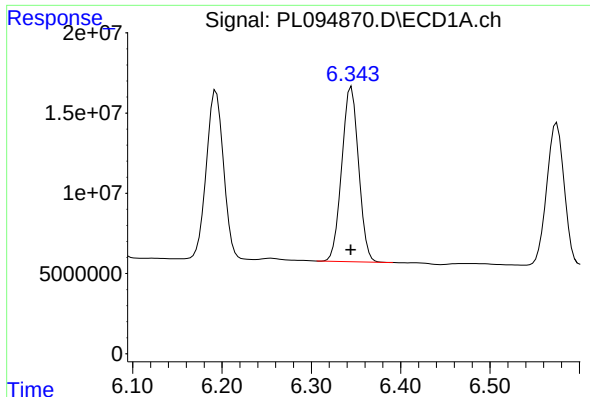
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 140569903
Conc: 47.78 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 222474838
Conc: 47.86 ng/ml m



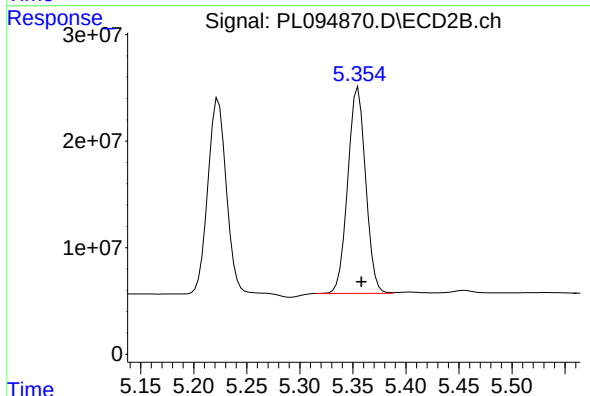
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 142573539
Conc: 44.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

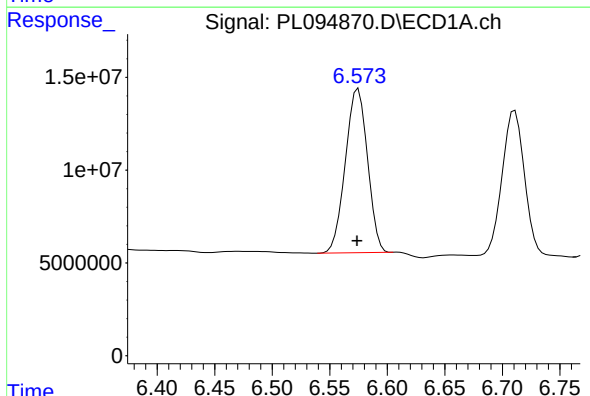
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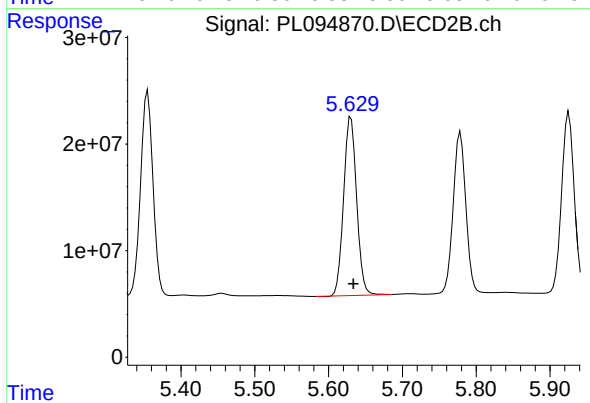
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.005 min
Response: 226353256
Conc: 46.65 ng/ml m



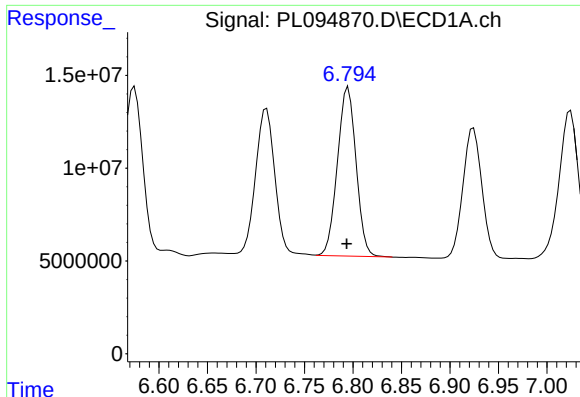
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.001 min
Response: 118923703
Conc: 42.90 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 205165900
Conc: 47.02 ng/ml



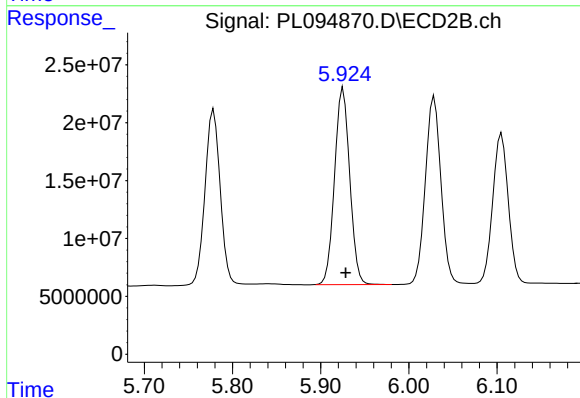
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.001 min
Response: 121468352
Conc: 44.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

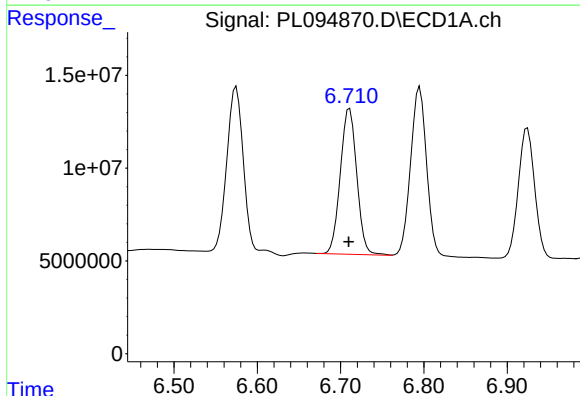
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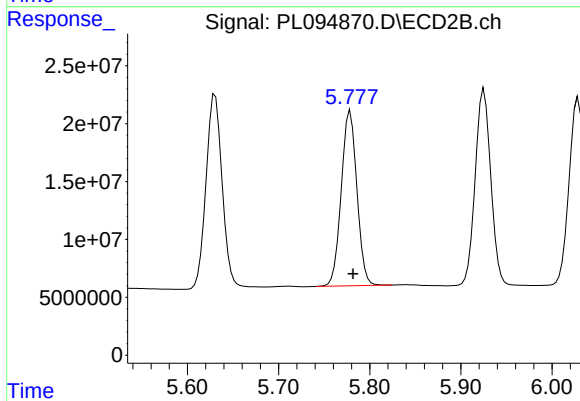
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 203519921
Conc: 47.02 ng/ml



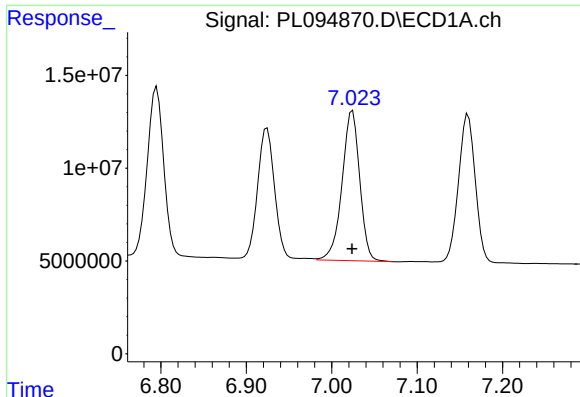
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.001 min
Response: 107780181
Conc: 49.76 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 180610905
Conc: 50.23 ng/ml



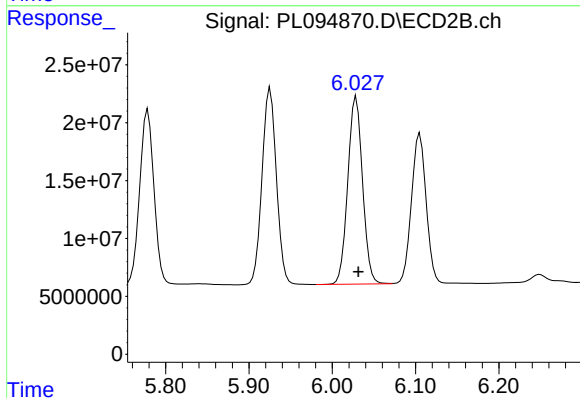
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 116092358
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

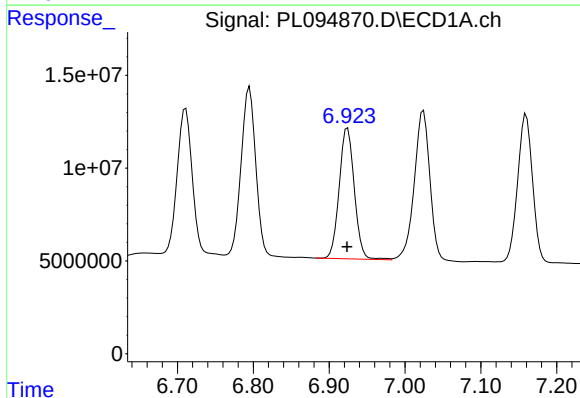
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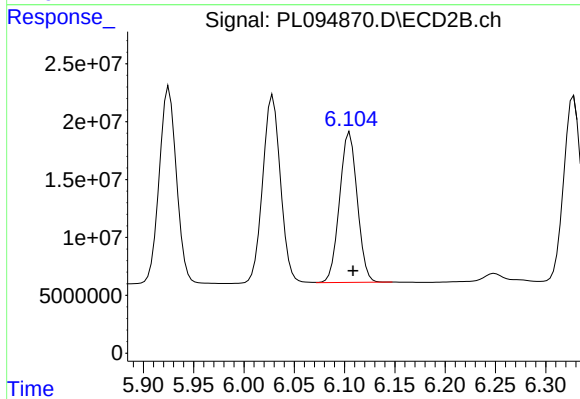
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 199184113
Conc: 49.40 ng/ml



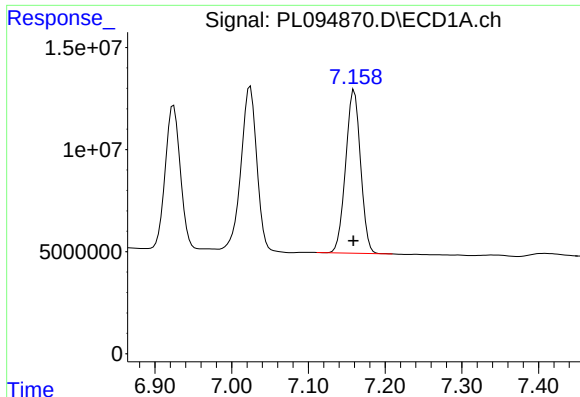
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 97621076
Conc: 46.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 159013354
Conc: 47.25 ng/ml



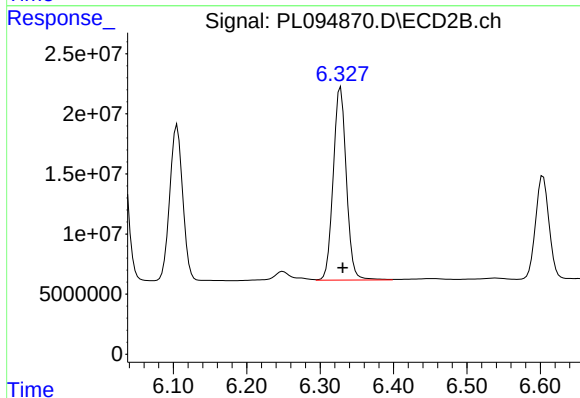
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.001 min
Response: 108584881
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

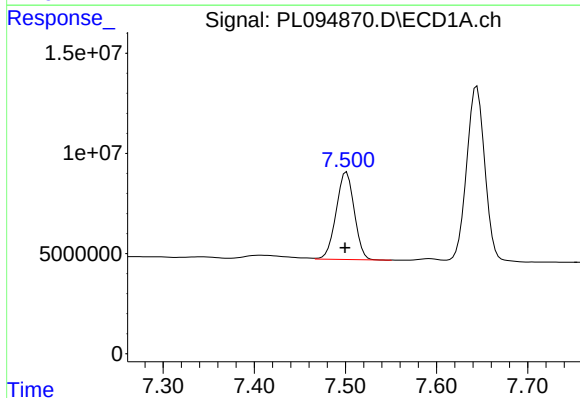
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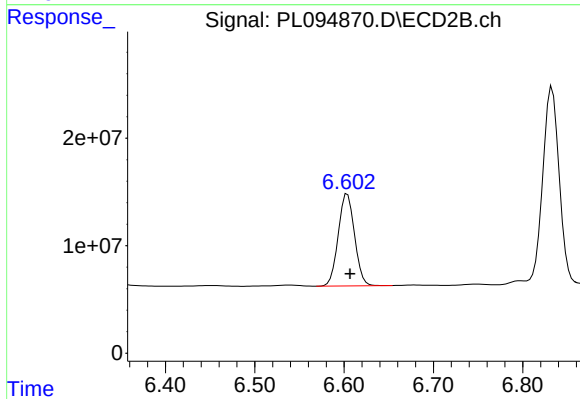
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 200050877
Conc: 49.11 ng/ml



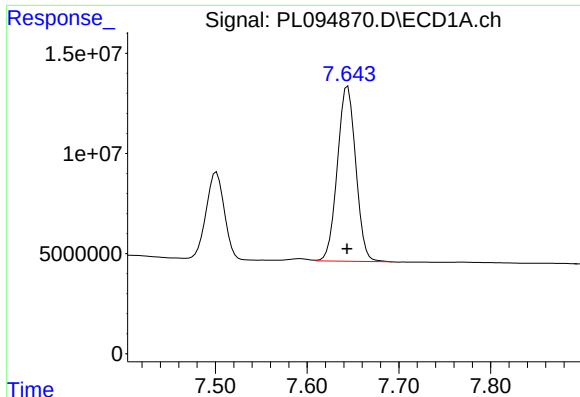
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 60208232
Conc: 50.30 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 108616933
Conc: 51.21 ng/ml



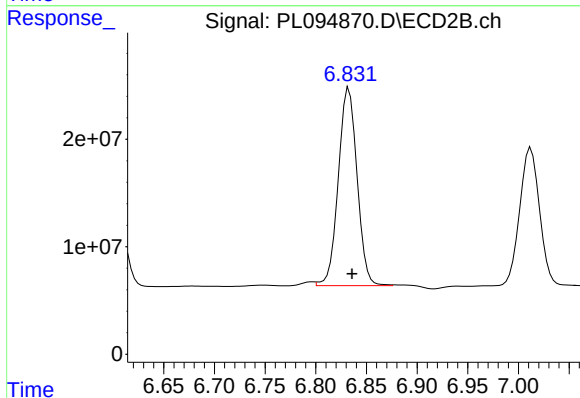
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 121498327
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

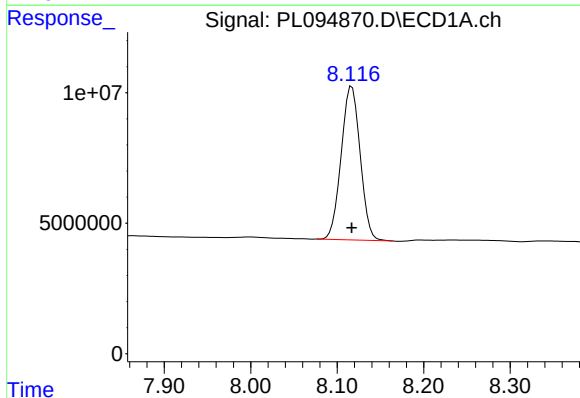
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Reviewed By :Abdul Mirza 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



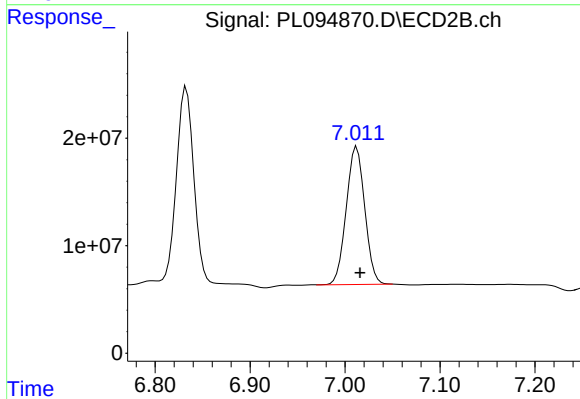
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 237055659
Conc: 49.67 ng/ml m



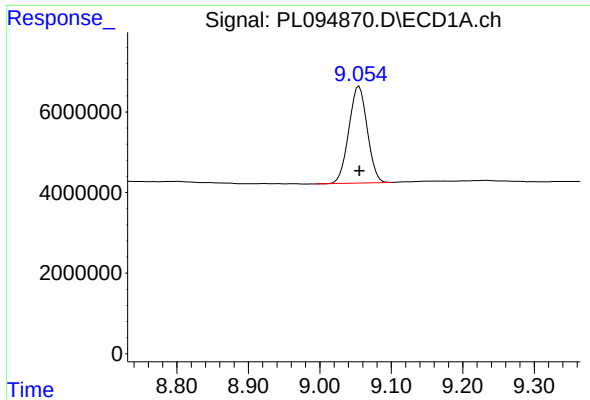
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 89386707
Conc: 43.26 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 173663863
Conc: 45.76 ng/ml m



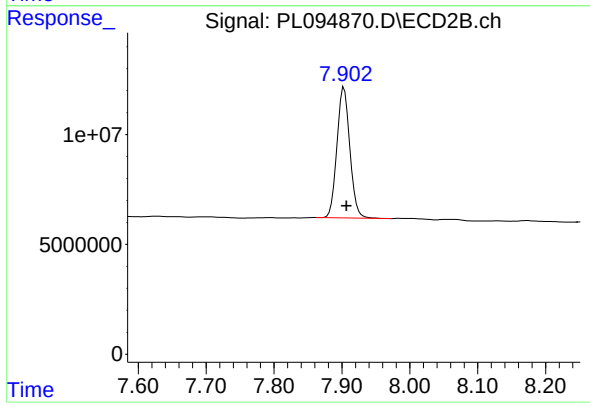
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 42966084
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 78707204
Conc: 19.49 ng/ml