

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
 Data File : PL094543.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 13:35
 Operator : AR\AJ
 Sample : PB167030BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167030BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 23:55:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.537	2.771	52672203	63604275	20.744	19.931
28)	SA Decachlor...	9.055	7.907	46210465	80596274	21.723	20.958
Target Compounds							
2)	A alpha-BHC	3.993	3.274	184.7E6	245.6E6	48.831	49.974
3)	MA gamma-BHC...	4.326	3.604	177.4E6	233.6E6	48.024	49.602
4)	MA Heptachlor	4.914	3.942	173.3E6	243.2E6	51.124	51.527
5)	MB Aldrin	5.256	4.221	166.3E6	227.1E6	48.464	49.156
6)	B beta-BHC	4.524	3.904	80286644	103.1E6	50.276	51.831
7)	B delta-BHC	4.770	4.132	180.9E6	229.1E6	51.123m	48.368
8)	B Heptachlo...	5.682	4.724	152.2E6	217.0E6	50.504	51.004
9)	A Endosulfan I	6.068	5.093	139.8E6	207.5E6	50.878	52.044
10)	B gamma-Chl...	5.939	4.974	152.1E6	226.1E6	51.786	52.113
11)	B alpha-Chl...	6.017	5.037	149.1E6	222.7E6	51.464	51.575
12)	B 4,4'-DDE	6.191	5.226	141.1E6	221.9E6	54.022	52.828
13)	MA Dieldrin	6.343	5.358	146.0E6	227.3E6	51.242	51.882
14)	MA Endrin	6.572	5.633	115.0E6	192.7E6	45.041m	56.612 #
15)	B Endosulfa...	6.794	5.928	125.3E6	205.0E6	49.765	54.814
16)	A 4,4'-DDD	6.710	5.781	109.0E6	184.5E6	58.938	57.923
17)	MA 4,4'-DDT	7.023	6.031	111.4E6	189.5E6	53.065	53.279
18)	B Endrin al...	6.924	6.107	97885941	160.9E6	50.281	50.913
19)	B Endosulfa...	7.158	6.330	114.1E6	195.6E6	50.387	52.953
20)	A Methoxychlor	7.500	6.606	56512150	100.1E6	50.864	51.324
21)	B Endrin ke...	7.644	6.836	128.6E6	236.5E6	51.286	55.427
22)	Mirex	8.115	7.015	93989288	171.1E6	45.553	49.055

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
Data File : PL094543.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:35
Operator : AR\AJ
Sample : PB167030BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

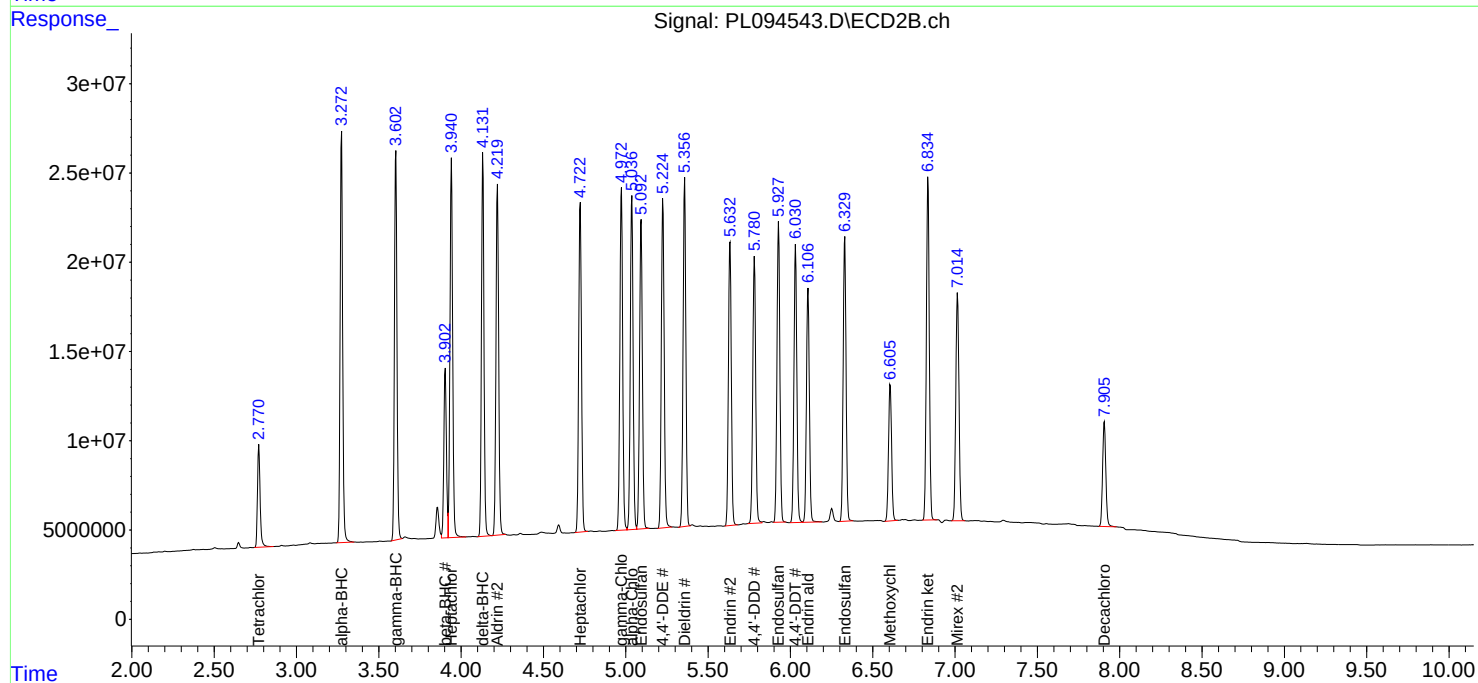
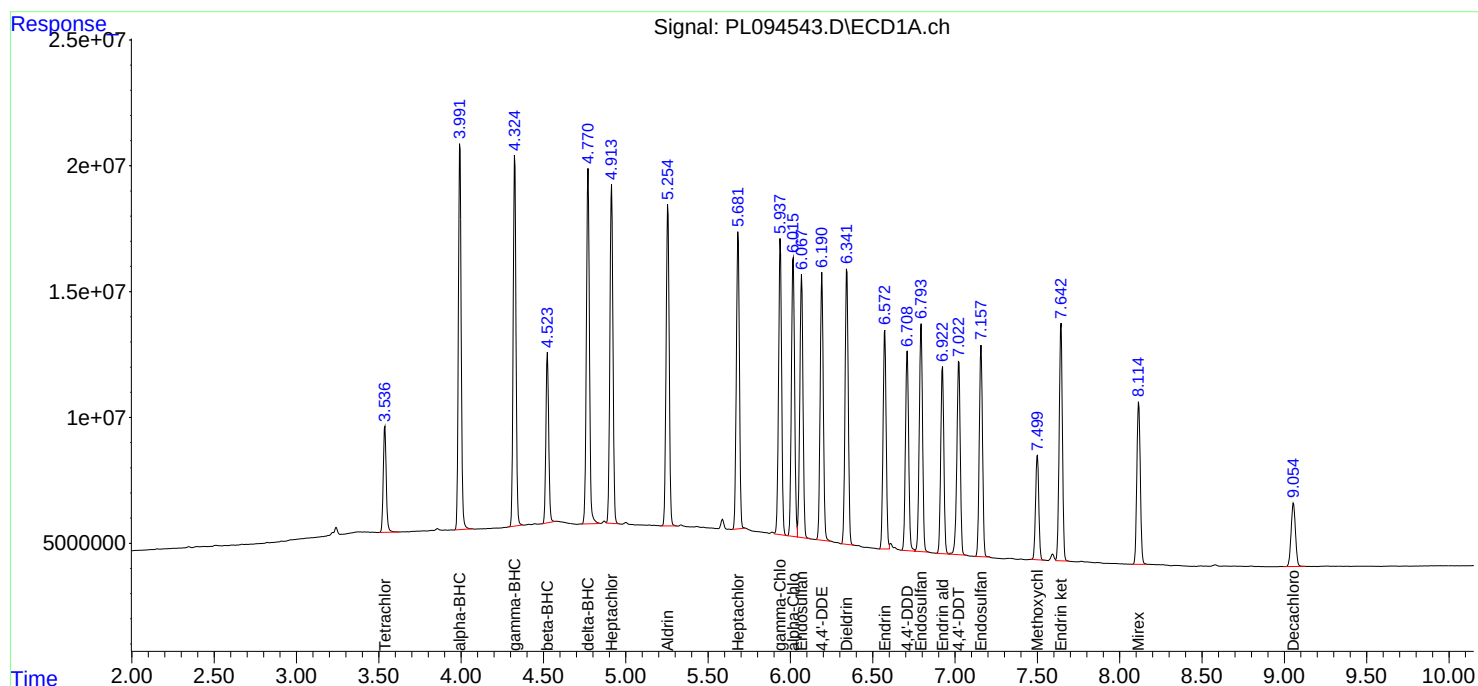
Instrument :
ECD_L
ClientSampleId :
PB167030BS

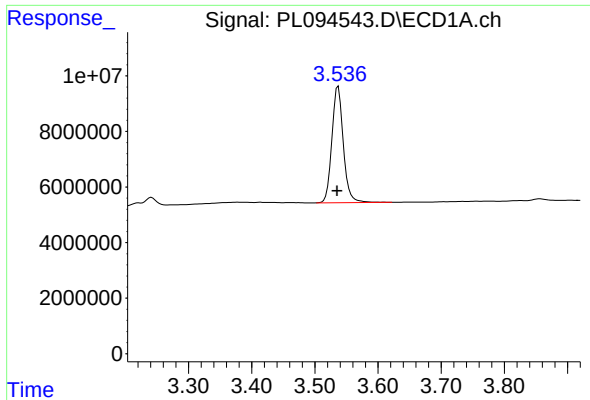
Manual Integrations
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Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 23:55:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





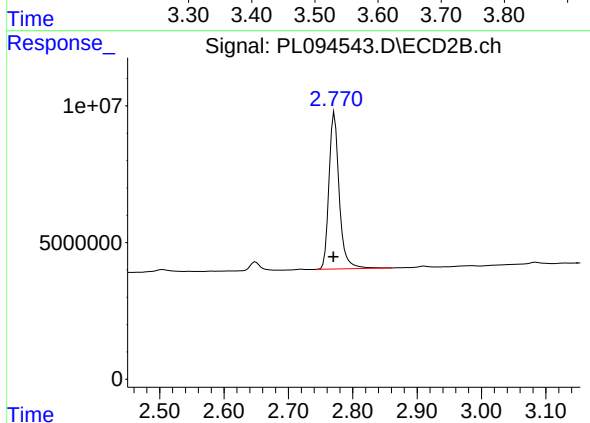
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 52672203
Conc: 20.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167030BS

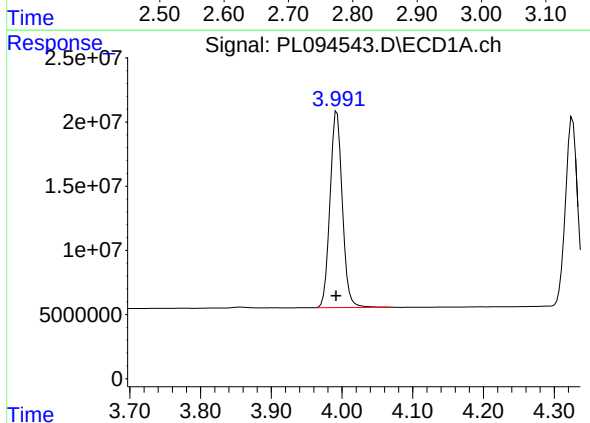
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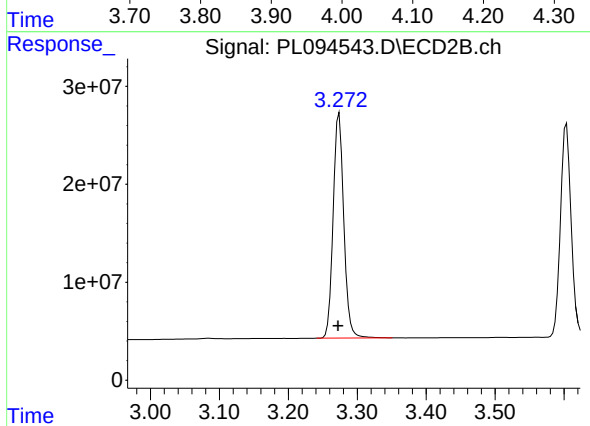
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 63604275
Conc: 19.93 ng/ml



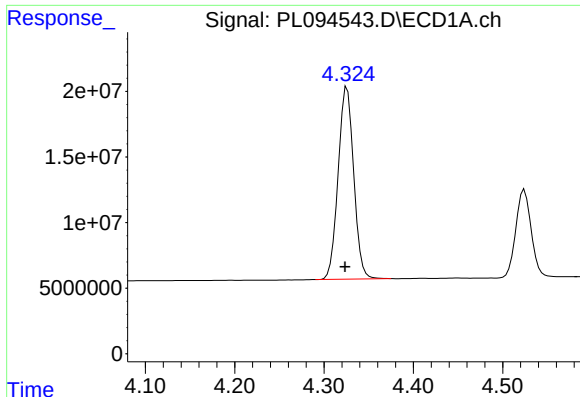
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 184711852
Conc: 48.83 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.001 min
Response: 245613056
Conc: 49.97 ng/ml



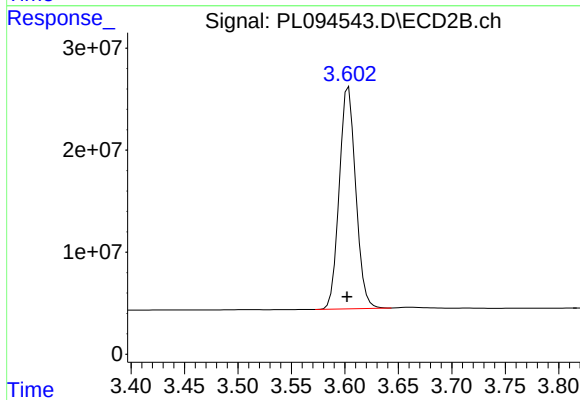
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 177436624
Conc: 48.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167030BS

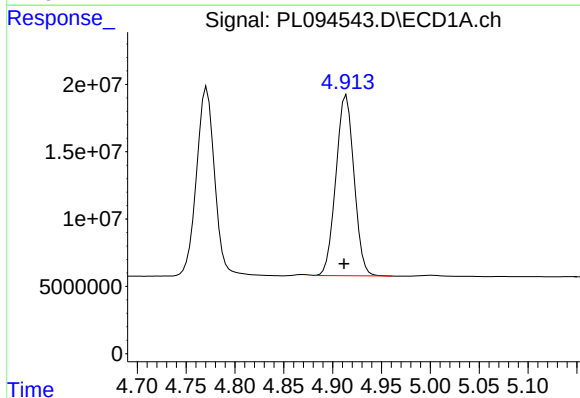
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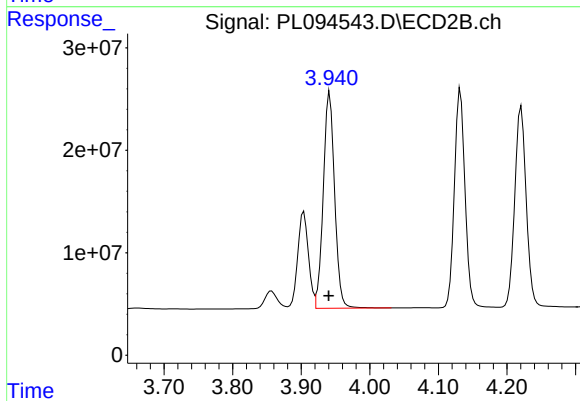
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 233624027
Conc: 49.60 ng/ml



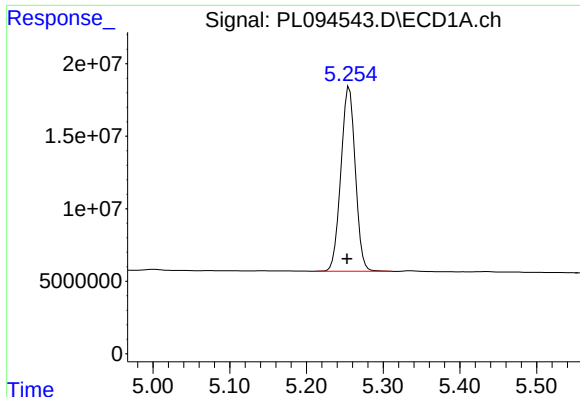
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 173328995
Conc: 51.12 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 243225372
Conc: 51.53 ng/ml



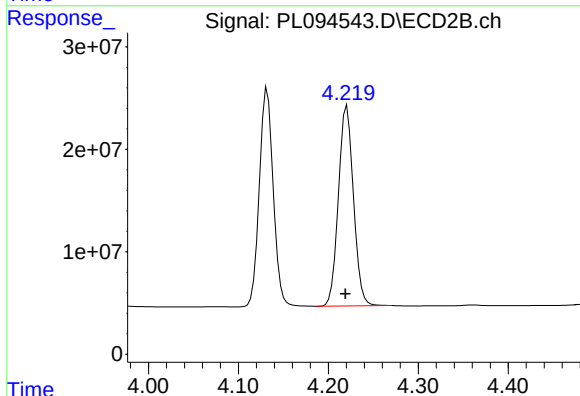
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 166314941
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167030BS

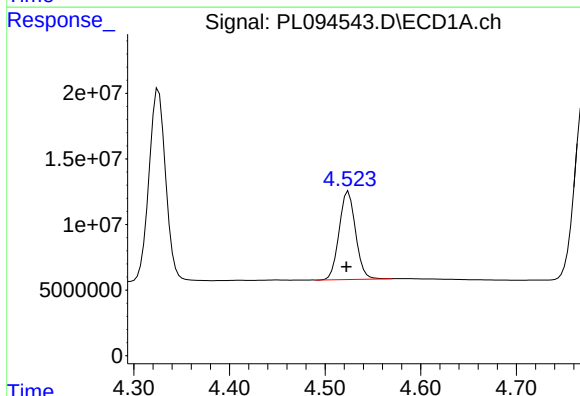
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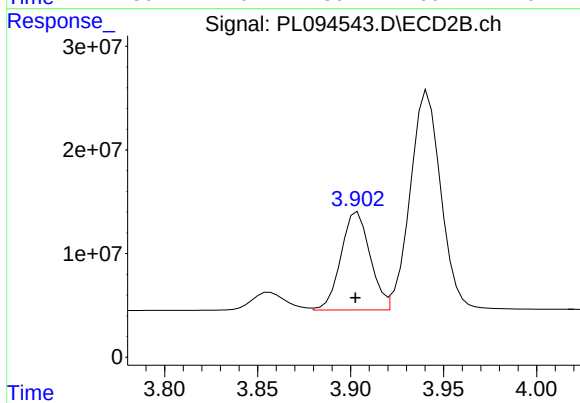
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 227119176
Conc: 49.16 ng/ml



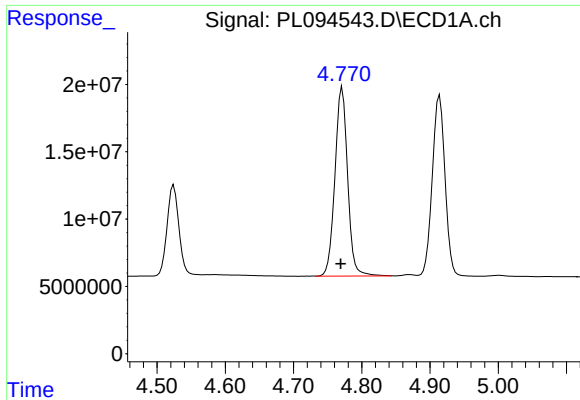
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 80286644
Conc: 50.28 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 103086969
Conc: 51.83 ng/ml



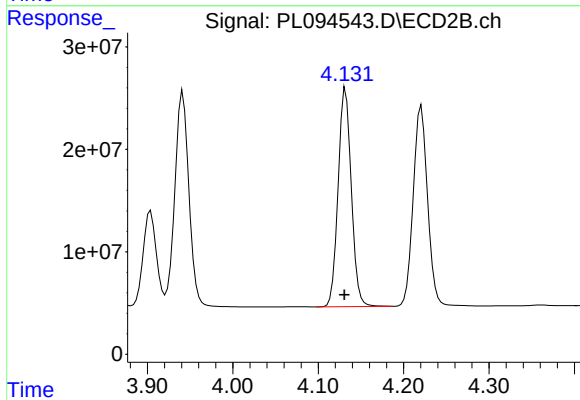
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 180888078
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167030BS

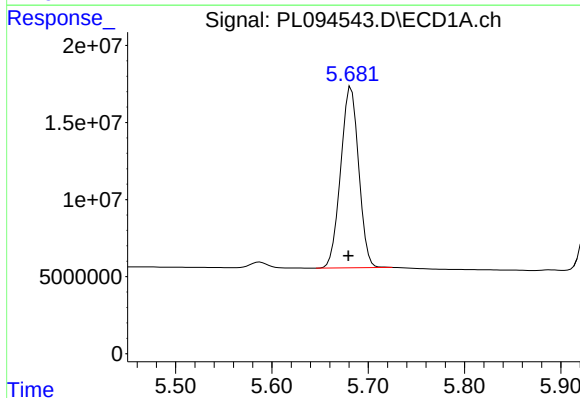
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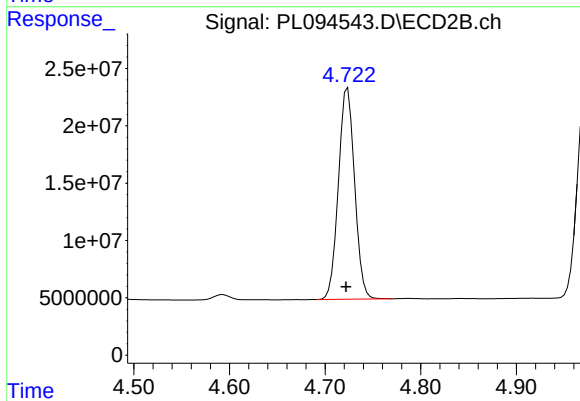
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 229055407
Conc: 48.37 ng/ml



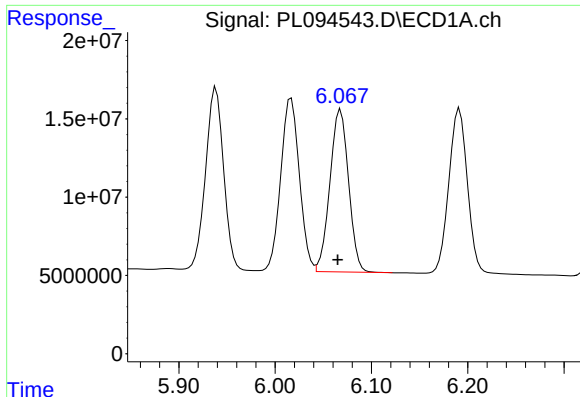
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 152188027
Conc: 50.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 217039608
Conc: 51.00 ng/ml



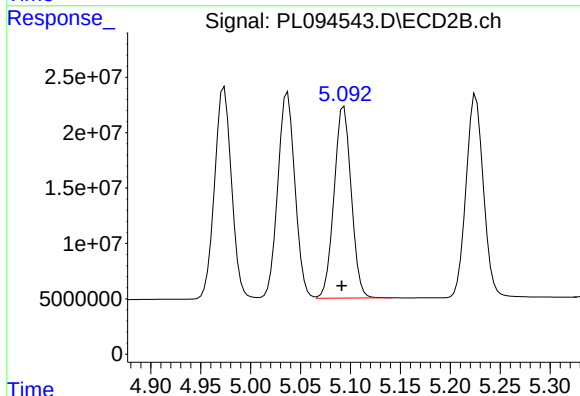
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 139843567
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167030BS

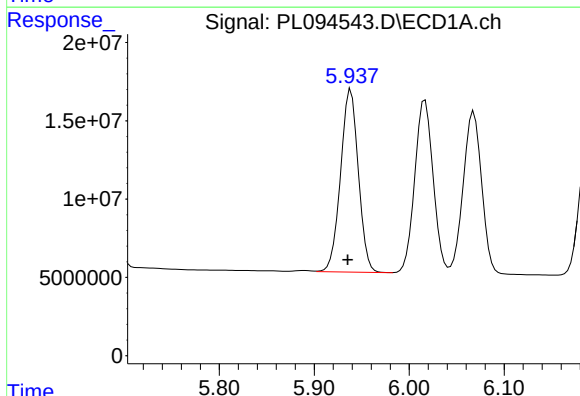
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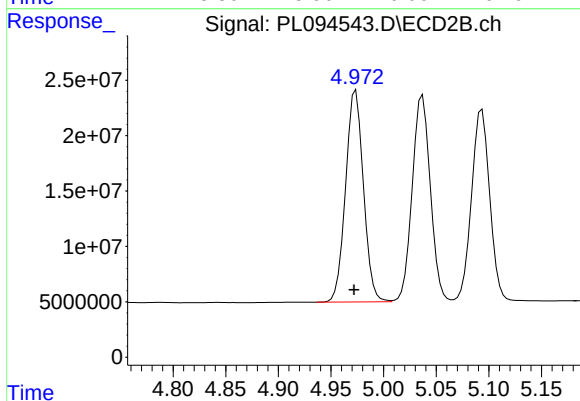
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 207477602
Conc: 52.04 ng/ml



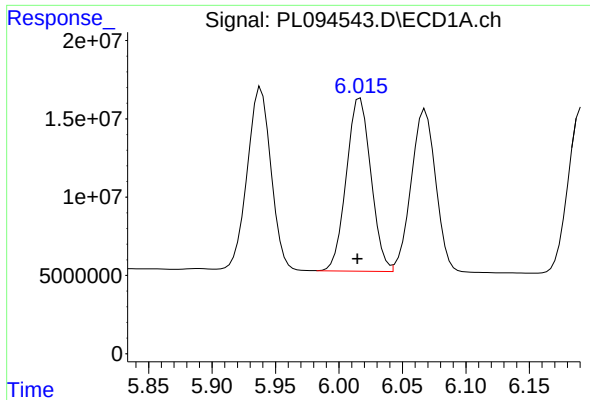
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.003 min
Response: 152050141
Conc: 51.79 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 226107871
Conc: 52.11 ng/ml



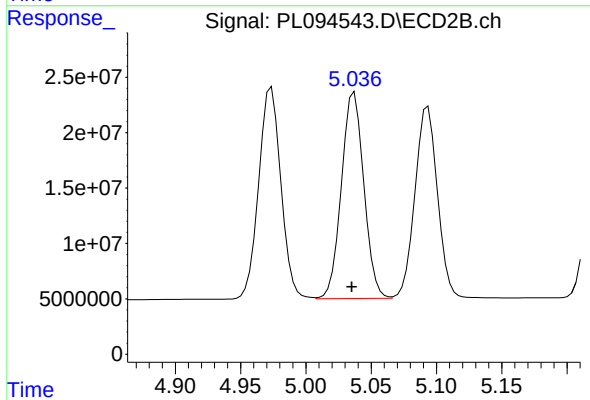
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 149097088
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167030BS

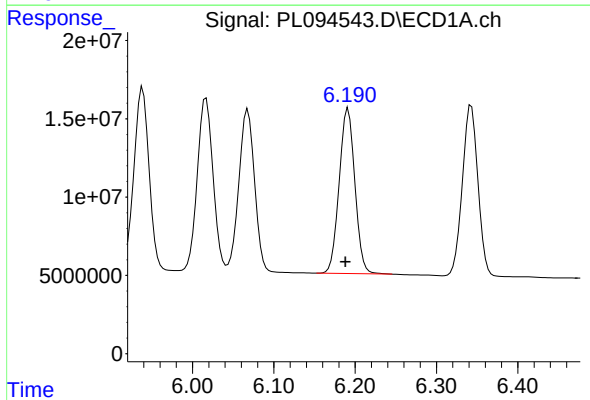
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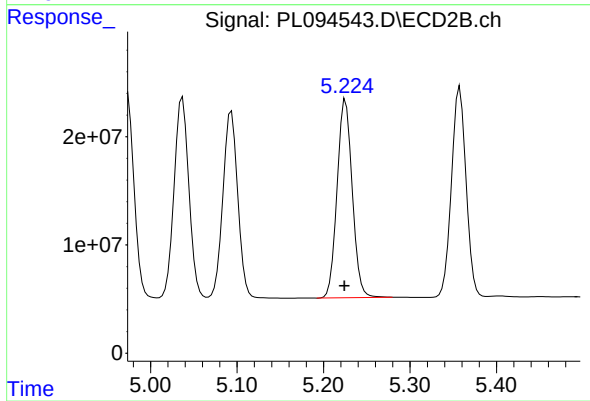
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 222679738
Conc: 51.57 ng/ml



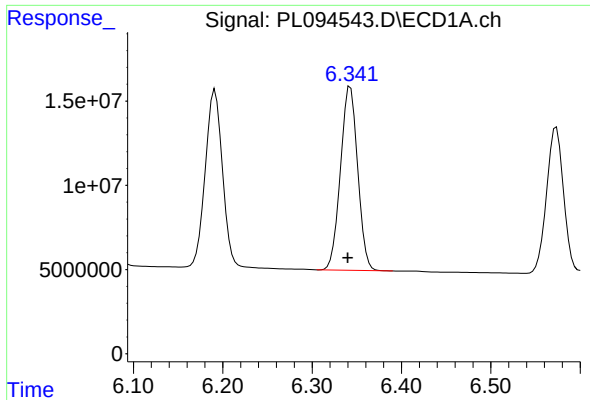
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 141090488
Conc: 54.02 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 221878605
Conc: 52.83 ng/ml



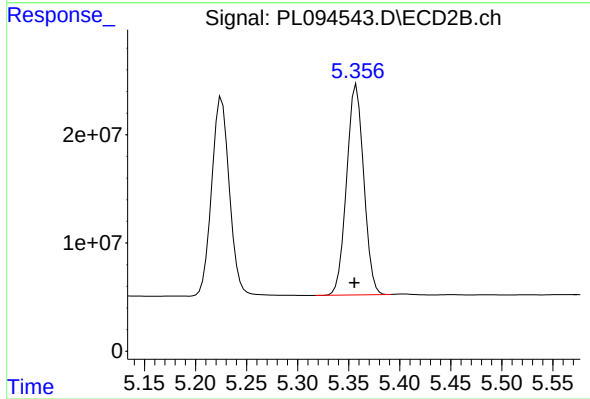
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 145989764
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167030BS

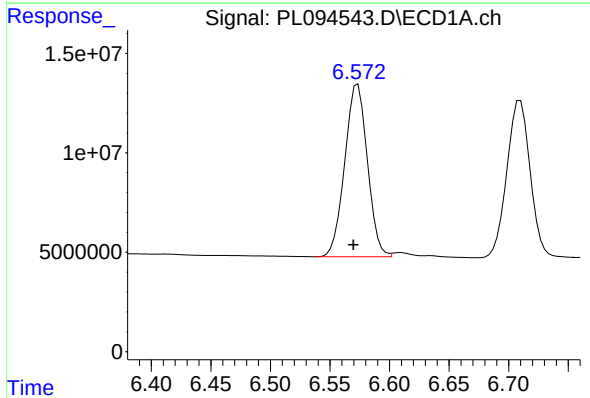
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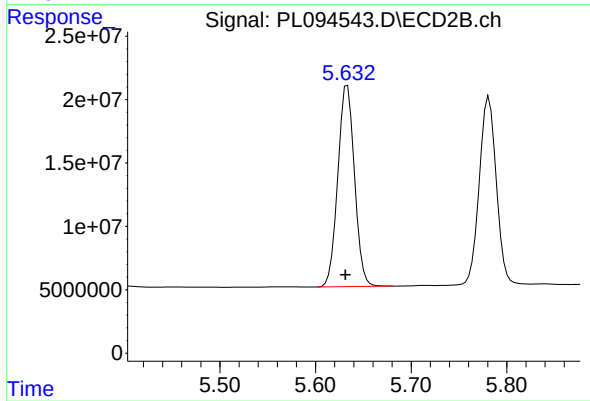
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 227335968
Conc: 51.88 ng/ml



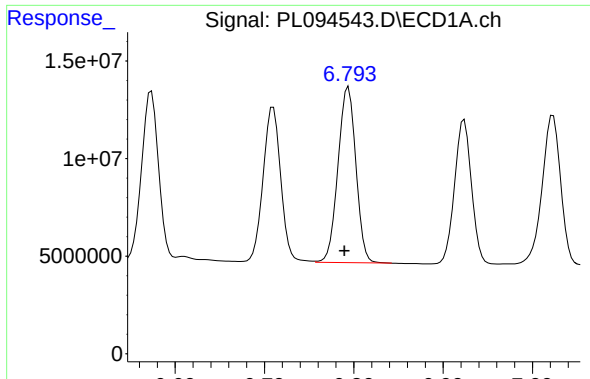
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 114956493
Conc: 45.04 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 192748876
Conc: 56.61 ng/ml



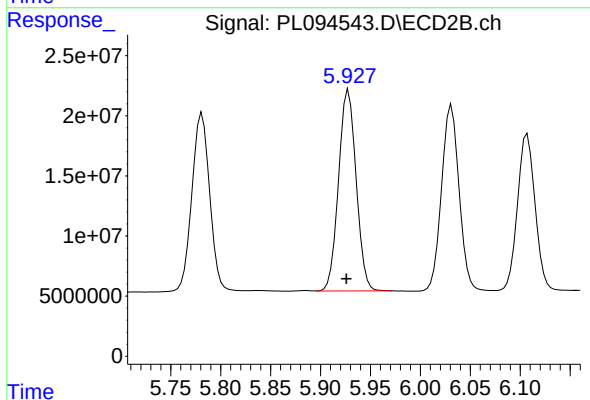
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 125269577
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167030BS

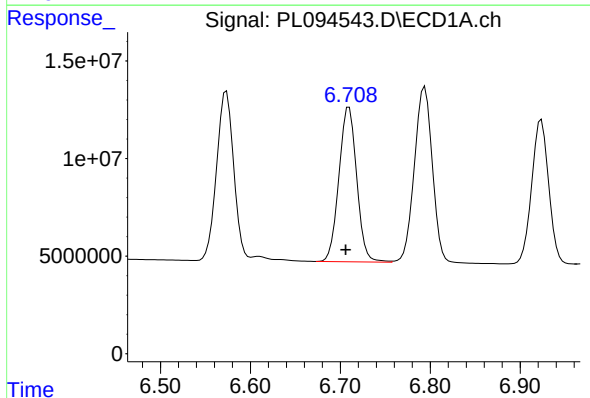
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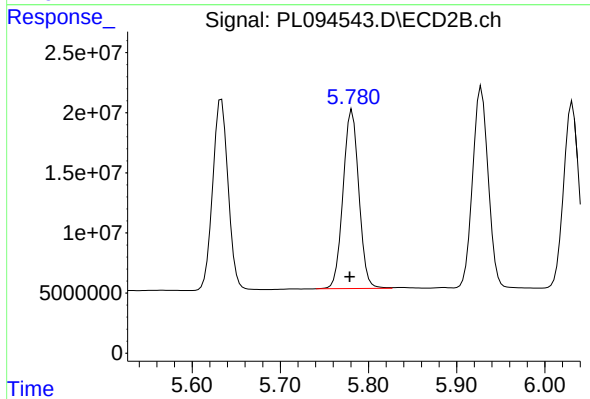
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 204978079
Conc: 54.81 ng/ml



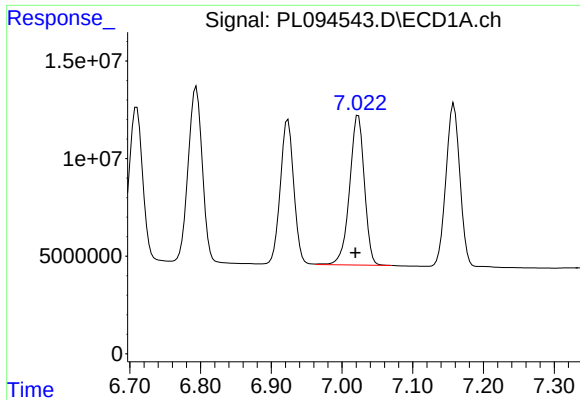
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.004 min
Response: 109020331
Conc: 58.94 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.003 min
Response: 184501590
Conc: 57.92 ng/ml



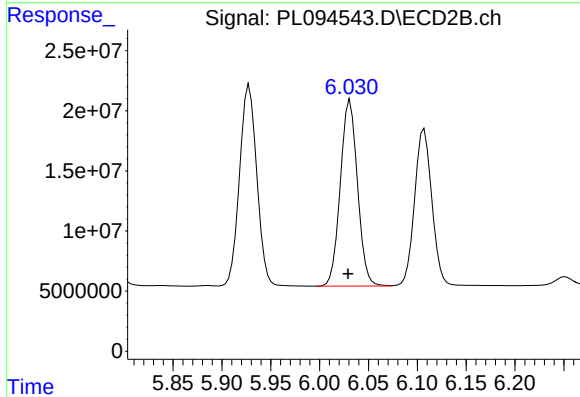
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 111438024
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167030BS

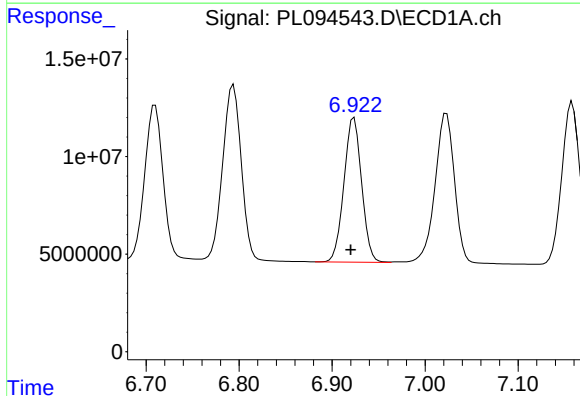
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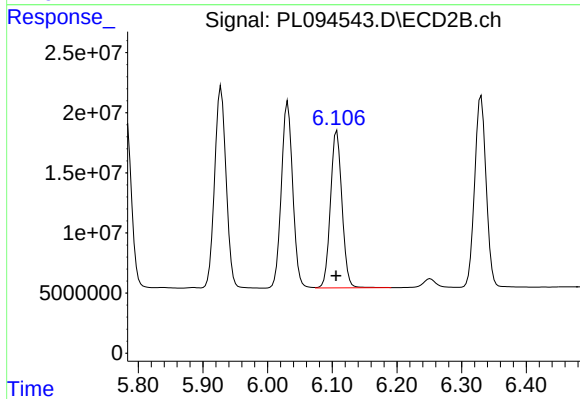
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 189514964
Conc: 53.28 ng/ml



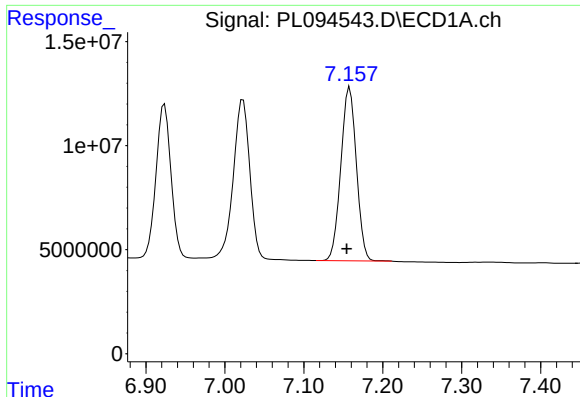
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.004 min
Response: 97885941
Conc: 50.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 160907627
Conc: 50.91 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 114067816
Conc: 50.39 ng/ml

Instrument :

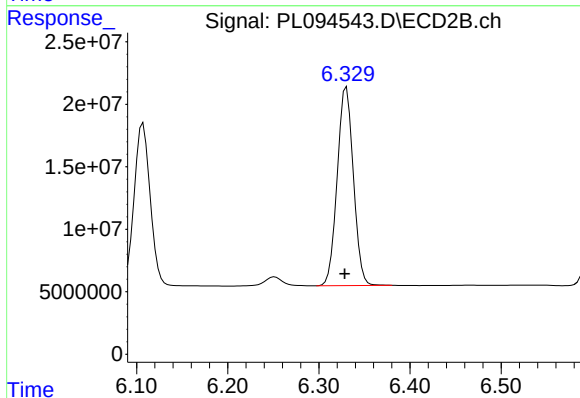
ECD_L

ClientSampleId :

PB167030BS

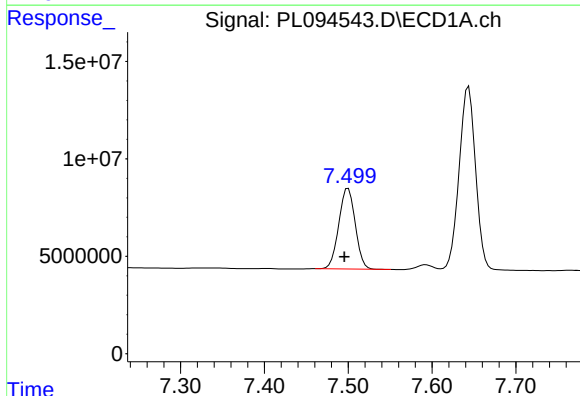
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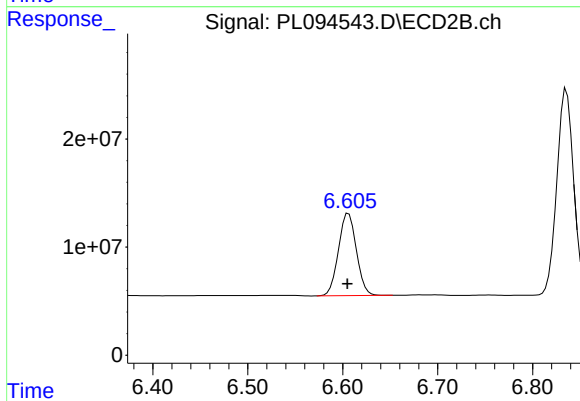
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 195589075
Conc: 52.95 ng/ml



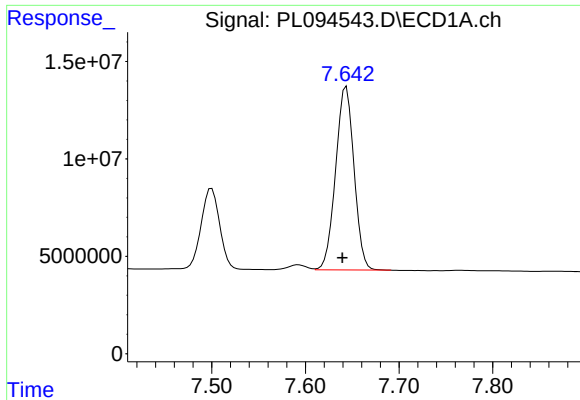
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.004 min
Response: 56512150
Conc: 50.86 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.001 min
Response: 100134165
Conc: 51.32 ng/ml



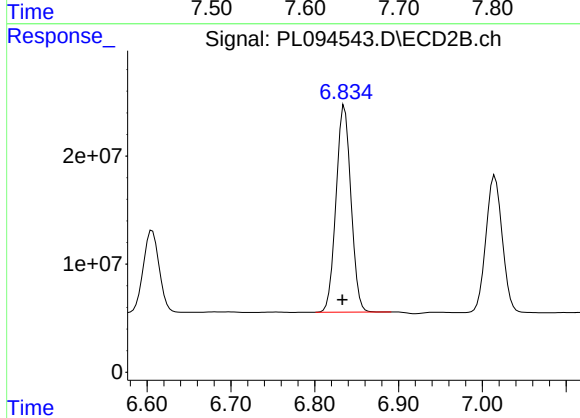
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.004 min
Response: 128568915
Conc: 51.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167030BS

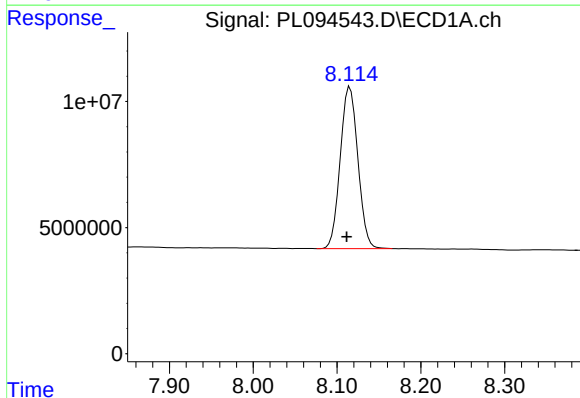
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APPROVED

Reviewed By :Abdul Mirza 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



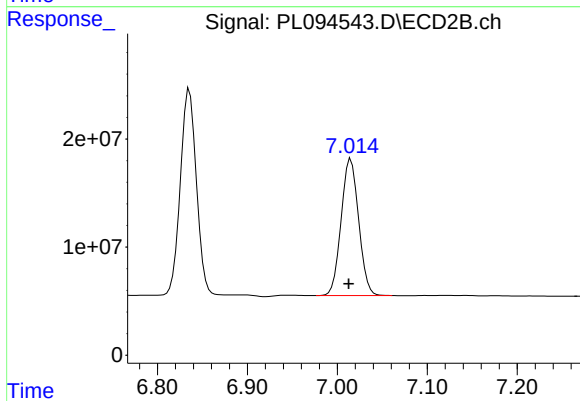
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 236537359
Conc: 55.43 ng/ml



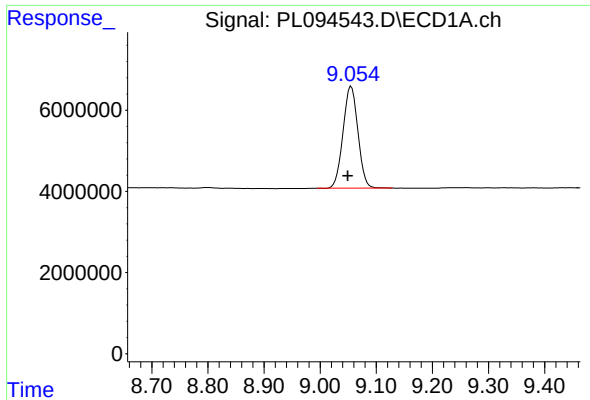
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.004 min
Response: 93989288
Conc: 45.55 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.002 min
Response: 171056383
Conc: 49.05 ng/ml



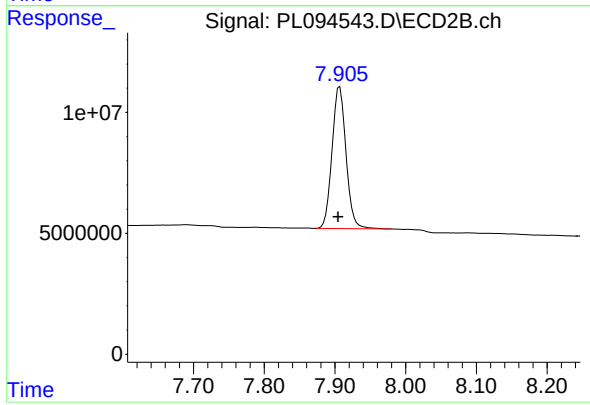
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.006 min
Response: 46210465
Conc: 21.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167030BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.002 min
Response: 80596274
Conc: 20.96 ng/ml