

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071924\
 Data File : PL090597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2024 12:46
 Operator : AR\AJ
 Sample : PB162158BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162158BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/22/2024
 Supervised By :Ankita Jodhani 07/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 22:03:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.788	38848981	31514036	18.658	18.725
28)	SA Decachlor...	9.060	7.931	28216627	30417284	21.234	20.861m
Target Compounds							
2)	A alpha-BHC	4.002	3.292	128.3E6	110.9E6	43.230	45.914
3)	MA gamma-BHC...	4.334	3.622	124.5E6	107.5E6	44.470	46.617
4)	MA Heptachlor	4.922	3.963	110.6E6	100.6E6	43.463m	45.609
5)	MB Aldrin	5.264	4.242	112.3E6	101.1E6	44.951m	47.531m
6)	B beta-BHC	4.530	3.920	54106851	45001146	42.653	43.597
7)	B delta-BHC	4.776	4.149	117.0E6	104.4E6	43.647m	47.454m
8)	B Heptachlo...	5.689	4.746	104.2E6	92571159	44.354m	47.463
9)	A Endosulfan I	6.075	5.116	93456836	85147657	43.698m	46.560
10)	B gamma-Chl...	5.945	4.996	99893813	92378213	42.964m	45.564
11)	B alpha-Chl...	6.024	5.060	100.2E6	92732779	43.632m	45.893
12)	B 4,4'-DDE	6.198	5.248	90898435	84414836	44.954	47.235m
13)	MA Dieldrin	6.351	5.381	100.1E6	92259169	45.039	47.049
14)	MA Endrin	6.580	5.656	82268742	79359040	44.749	46.109
15)	B Endosulfa...	6.799	5.950	85963141	79910385	43.706	46.775
16)	A 4,4'-DDD	6.715	5.803	76381288	72527914	45.244	48.408
17)	MA 4,4'-DDT	7.028	6.054	74698415	70388806	44.376	48.042
18)	B Endrin al...	6.928	6.129	68684891	63810797	46.296m	48.839
19)	B Endosulfa...	7.163	6.351	80750156	77541684	45.979	48.088
20)	A Methoxychlor	7.503	6.628	40324290	39342442	45.672	48.658m
21)	B Endrin ke...	7.648	6.856	89984038	93846885	47.137	51.353m
22)	Mirex	8.121	7.039	66361973	68392622	46.858	46.007

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071924\
Data File : PL090597.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2024 12:46
Operator : AR\AJ
Sample : PB162158BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162158BS

Manual Integrations

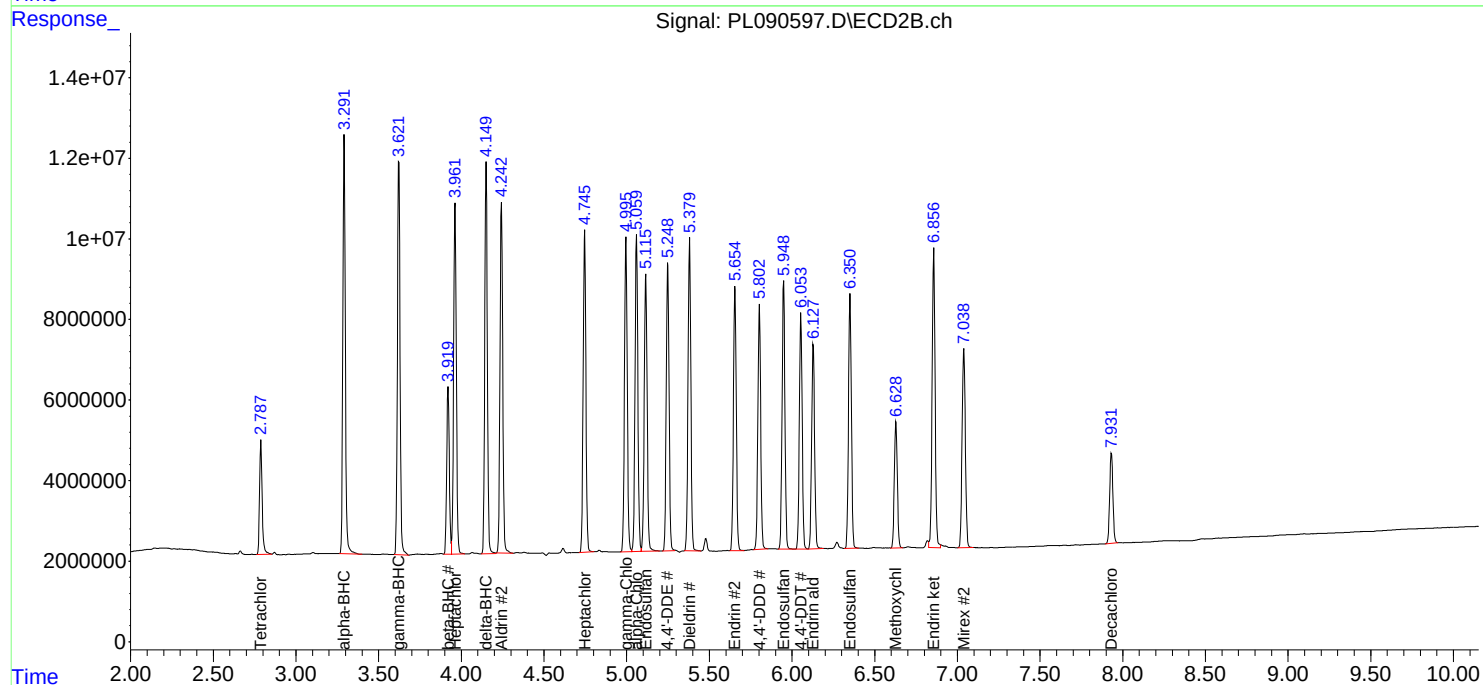
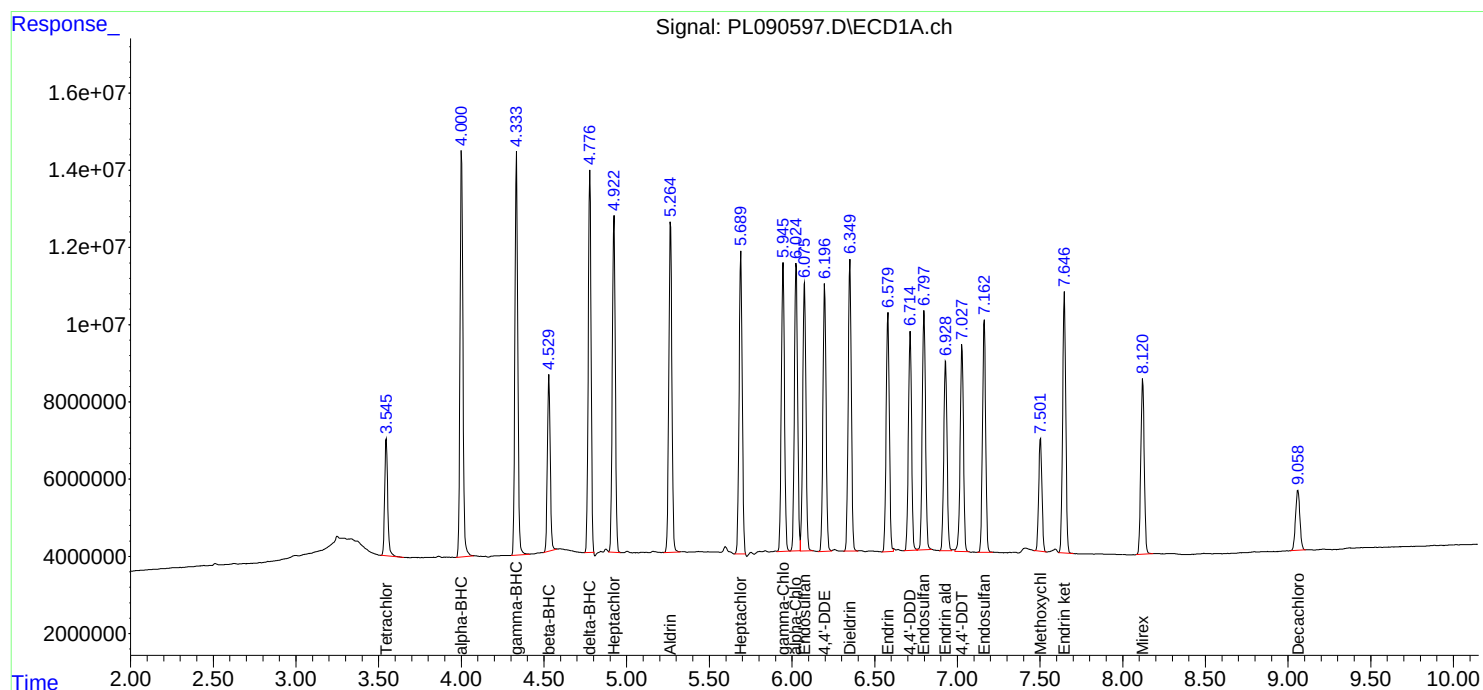
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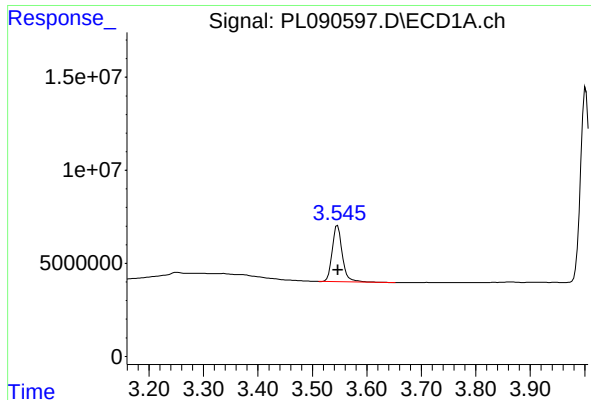
Reviewed By :Abdul Mirza 07/22/2024

Supervised By :Ankita Jodhani 07/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 22:03:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 38848981
Conc: 18.66 ng/ml

Instrument :

ECD_L

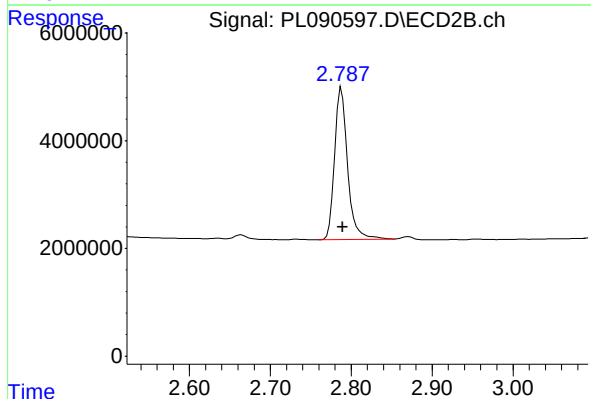
ClientSampleId :

PB162158BS

Manual Integrations

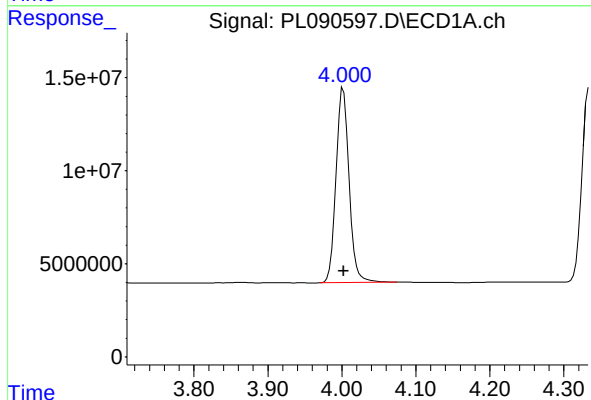
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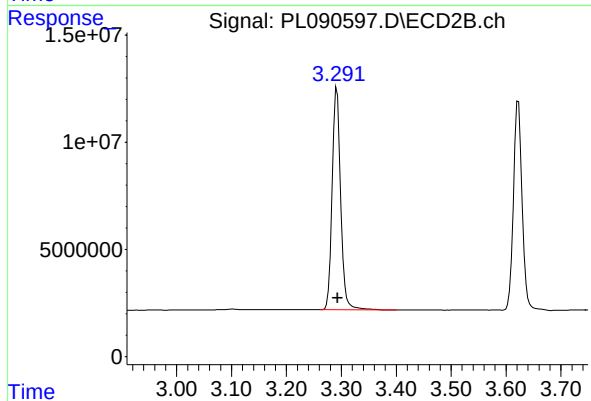
#1 Tetrachloro-m-xylene

R.T.: 2.788 min
Delta R.T.: -0.002 min
Response: 31514036
Conc: 18.73 ng/ml



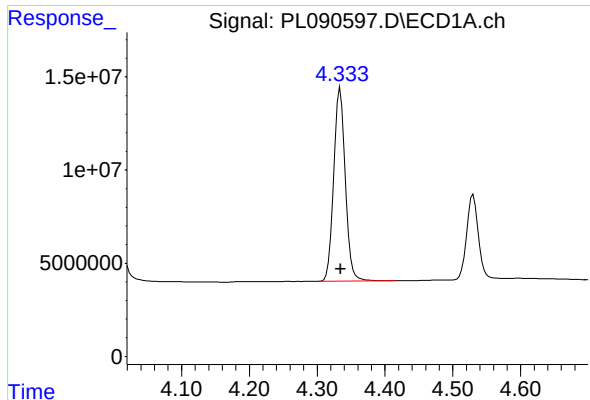
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 128279073
Conc: 43.23 ng/ml



#2 alpha-BHC

R.T.: 3.292 min
Delta R.T.: -0.001 min
Response: 110932309
Conc: 45.91 ng/ml



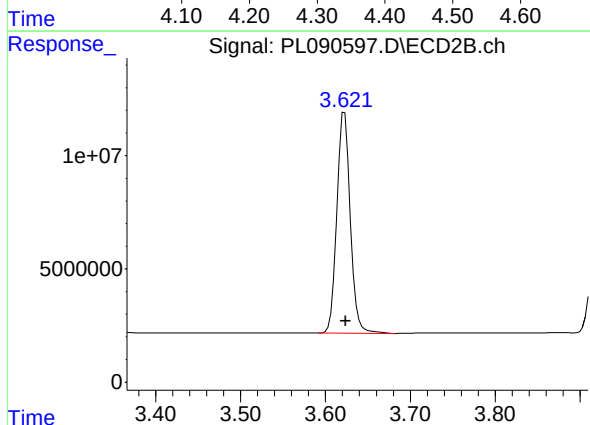
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 124537569
Conc: 44.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162158BS

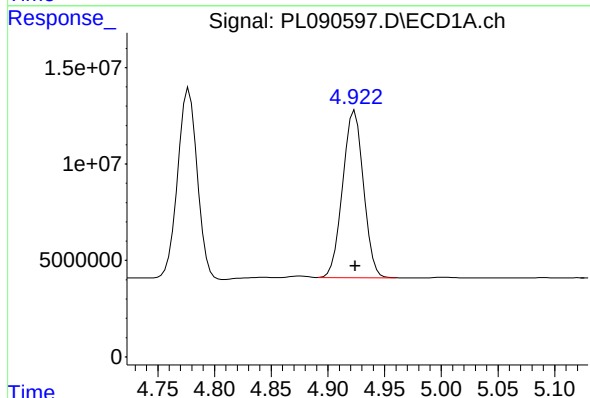
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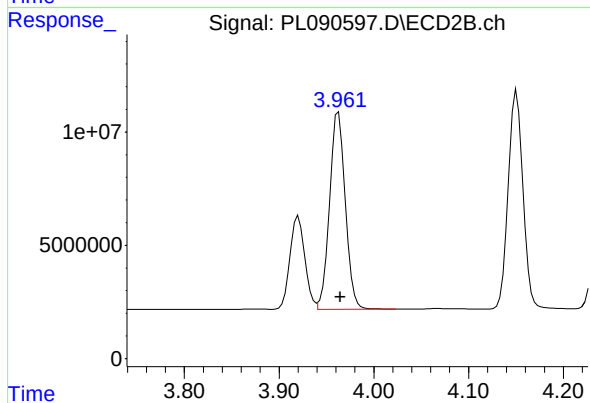
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.001 min
Response: 107498226
Conc: 46.62 ng/ml



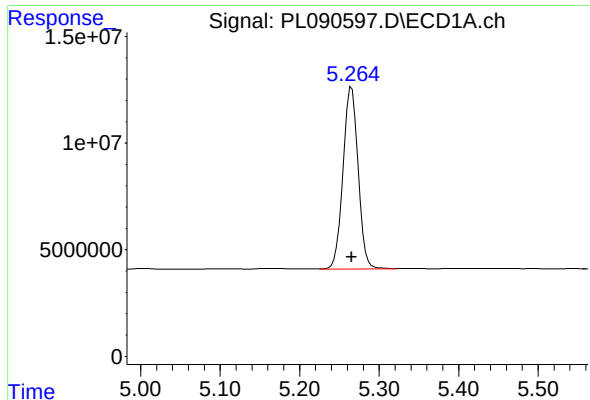
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 110614968
Conc: 43.46 ng/ml m



#4 Heptachlor

R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 100616253
Conc: 45.61 ng/ml



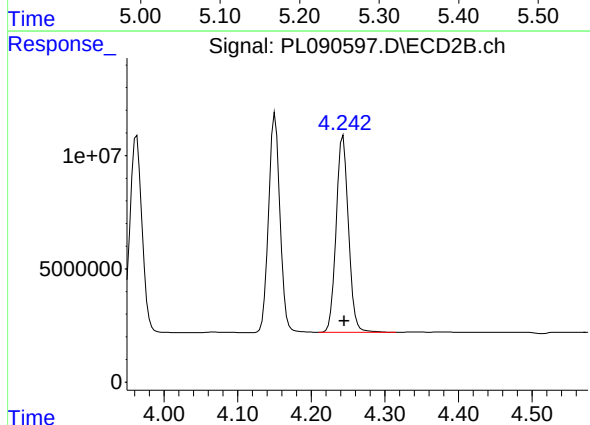
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 112304911
Conc: 44.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162158BS

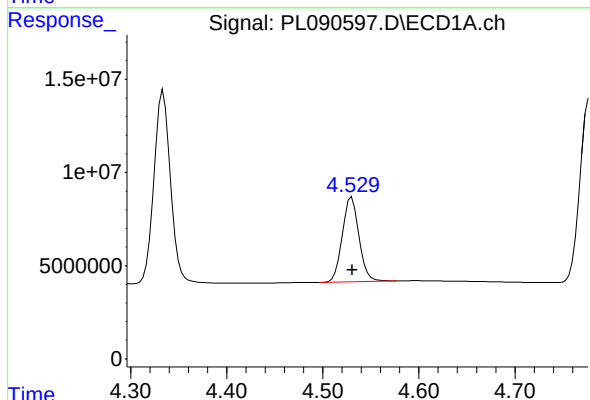
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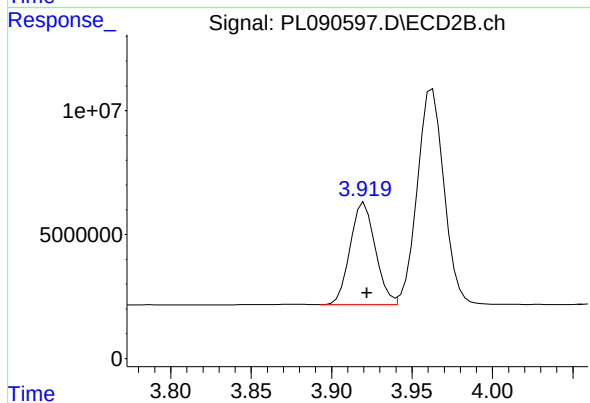
#5 Aldrin

R.T.: 4.242 min
Delta R.T.: -0.003 min
Response: 101122089
Conc: 47.53 ng/ml



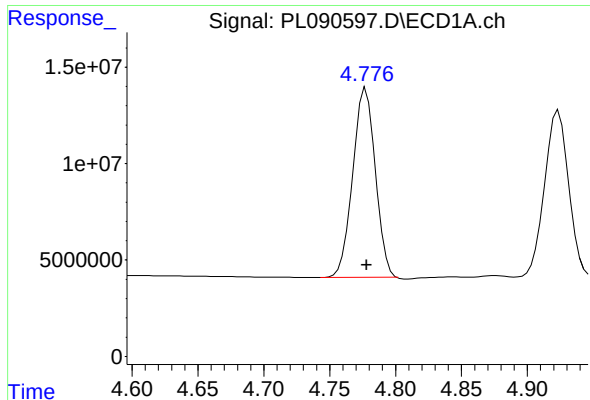
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 54106851
Conc: 42.65 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 45001146
Conc: 43.60 ng/ml



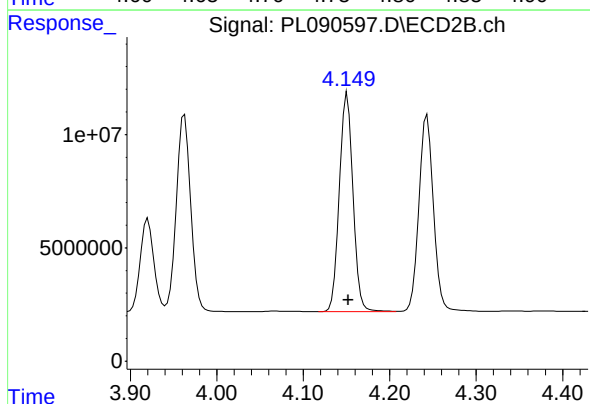
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 117021512
Conc: 43.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162158BS

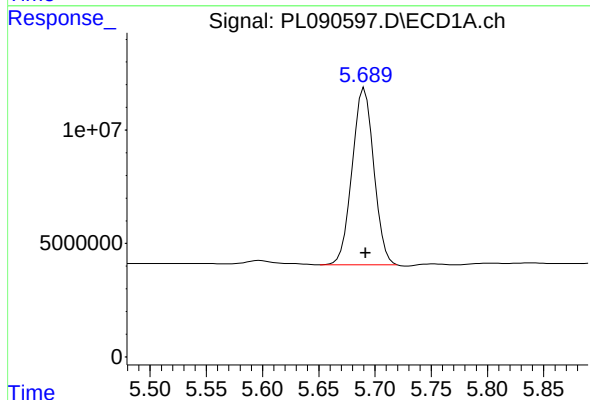
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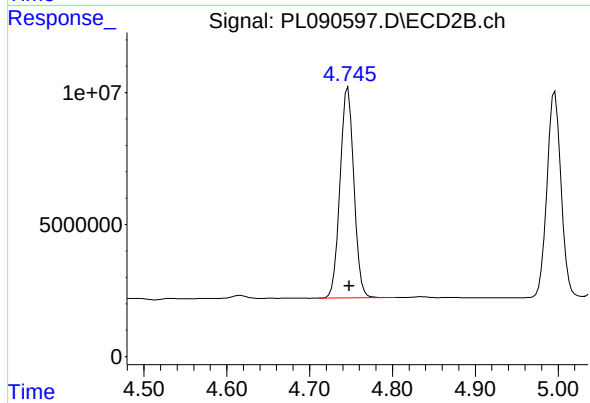
#7 delta-BHC

R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 104386080
Conc: 47.45 ng/ml m



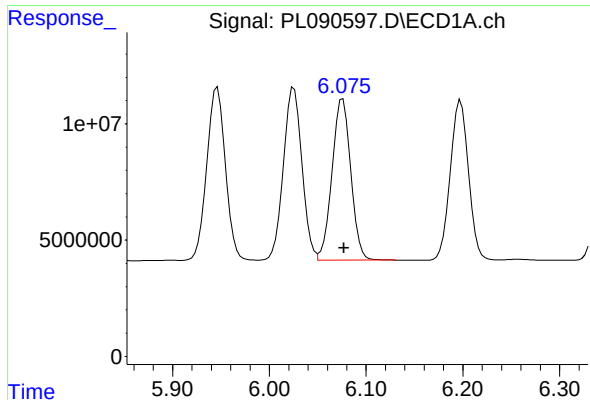
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 104248158
Conc: 44.35 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.746 min
Delta R.T.: -0.001 min
Response: 92571159
Conc: 47.46 ng/ml



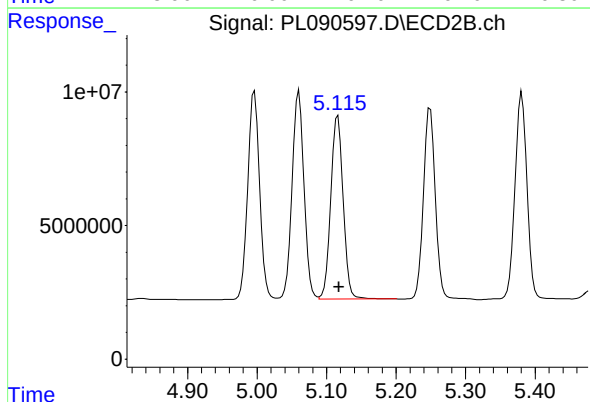
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: -0.003 min
Response: 93456836
Conc: 43.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162158BS

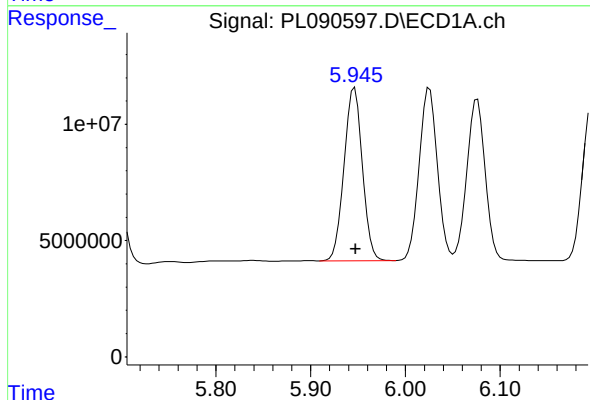
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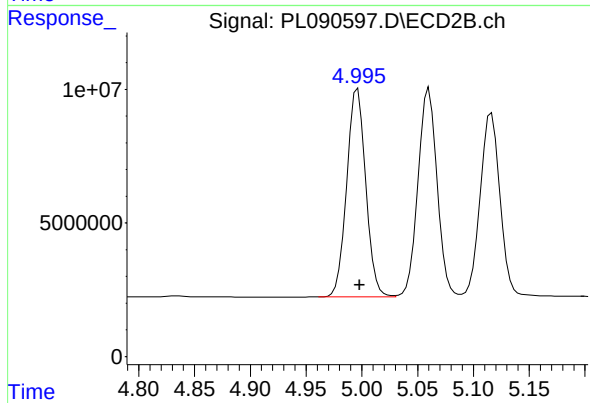
#9 Endosulfan I

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 85147657
Conc: 46.56 ng/ml



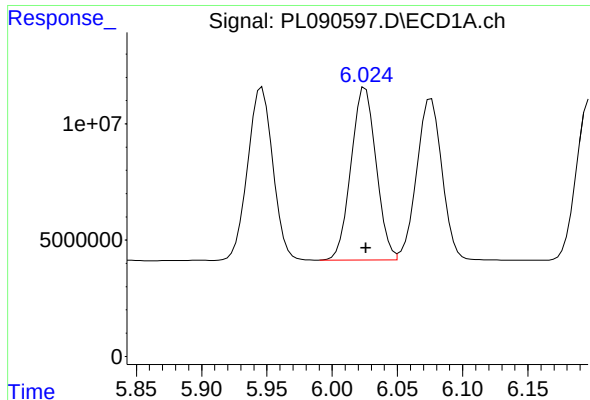
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 99893813
Conc: 42.96 ng/ml m



#10 gamma-Chlordane

R.T.: 4.996 min
Delta R.T.: -0.002 min
Response: 92378213
Conc: 45.56 ng/ml



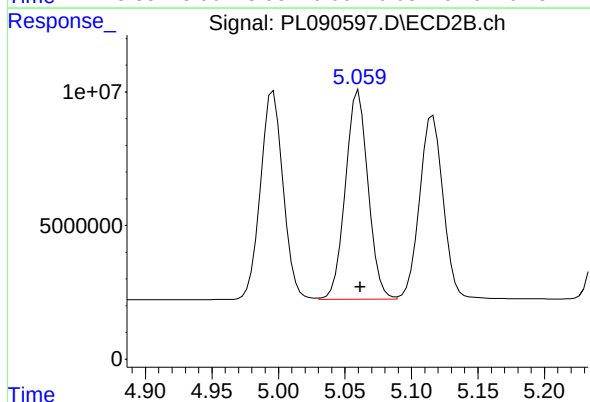
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 100166107
Conc: 43.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162158BS

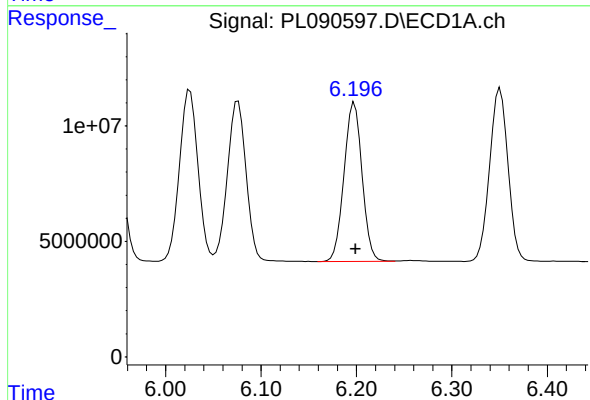
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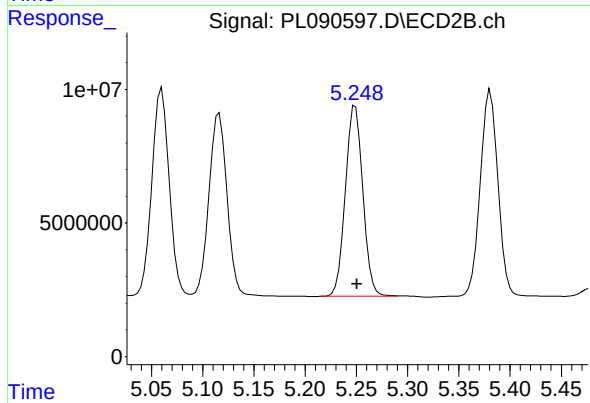
#11 alpha-Chlordane

R.T.: 5.060 min
Delta R.T.: -0.001 min
Response: 92732779
Conc: 45.89 ng/ml



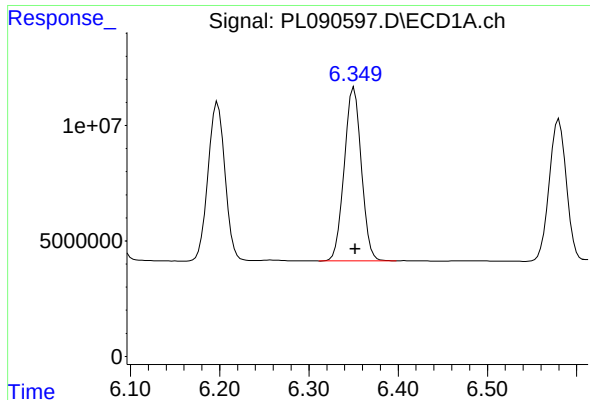
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: -0.001 min
Response: 90898435
Conc: 44.95 ng/ml



#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: -0.003 min
Response: 84414836
Conc: 47.23 ng/ml m



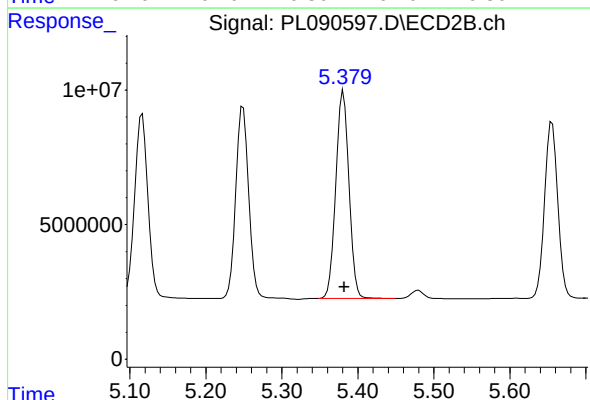
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: -0.001 min
Response: 100068096
Conc: 45.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162158BS

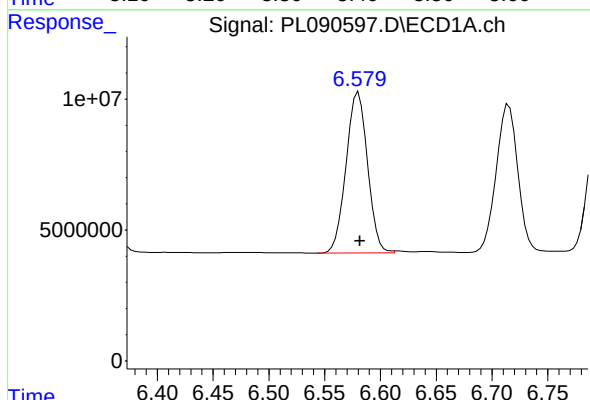
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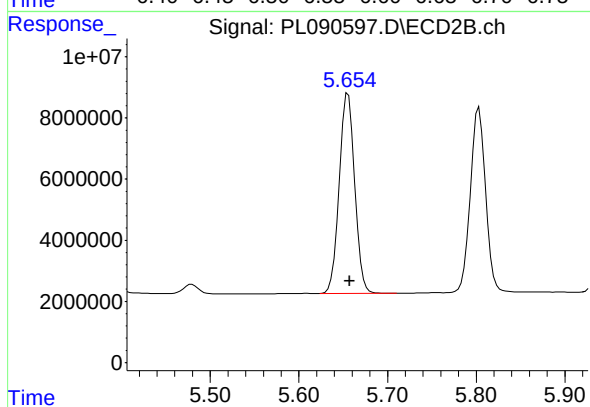
#13 Dieldrin

R.T.: 5.381 min
Delta R.T.: -0.001 min
Response: 92259169
Conc: 47.05 ng/ml



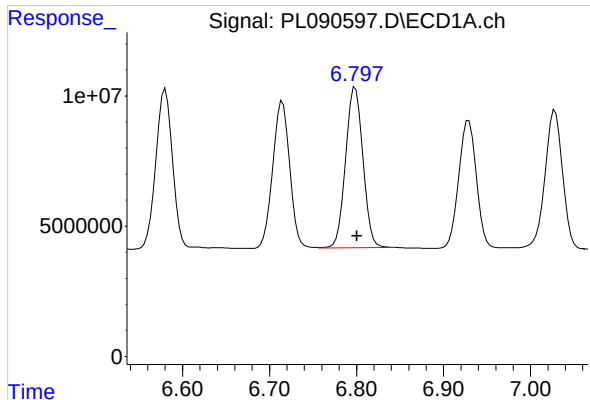
#14 Endrin

R.T.: 6.580 min
Delta R.T.: -0.001 min
Response: 82268742
Conc: 44.75 ng/ml



#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 79359040
Conc: 46.11 ng/ml



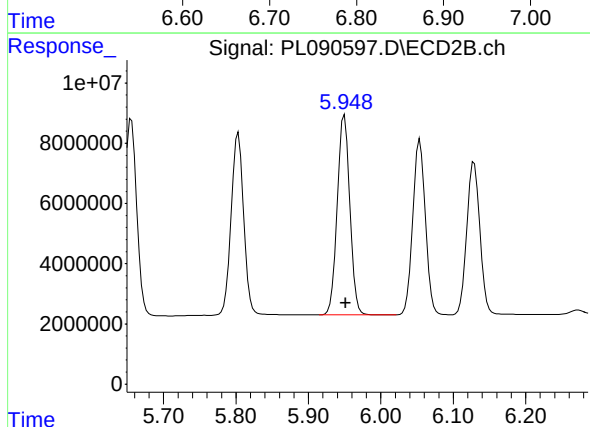
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: -0.002 min
Response: 85963141
Conc: 43.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162158BS

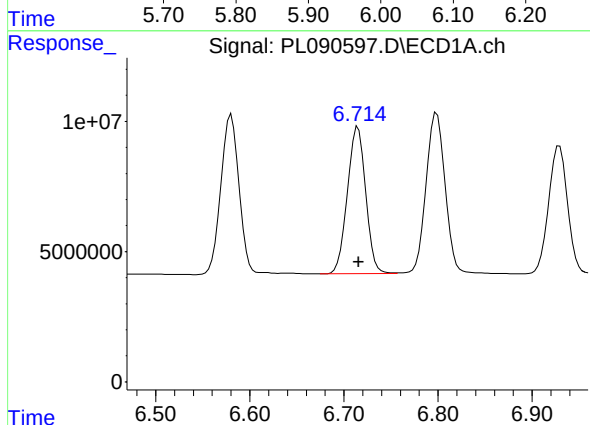
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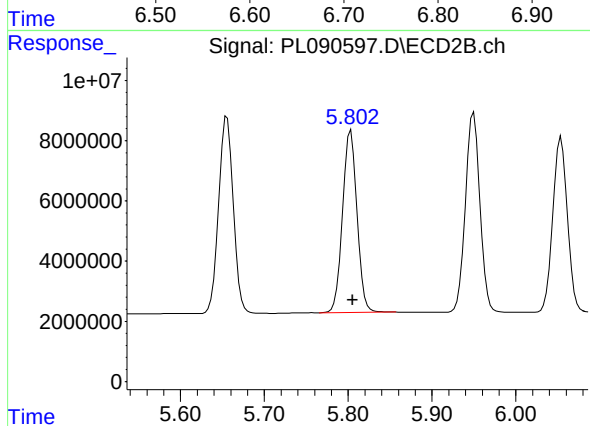
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 79910385
Conc: 46.78 ng/ml



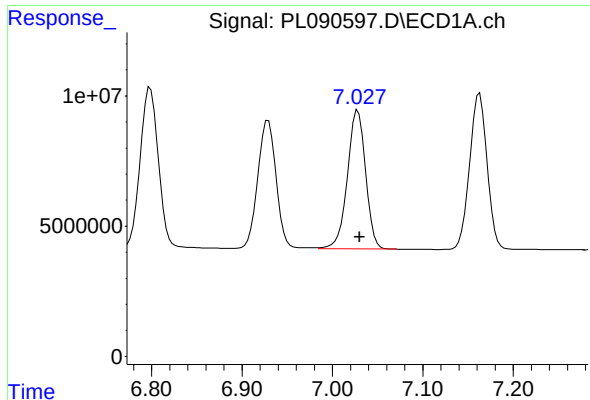
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 76381288
Conc: 45.24 ng/ml



#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 72527914
Conc: 48.41 ng/ml



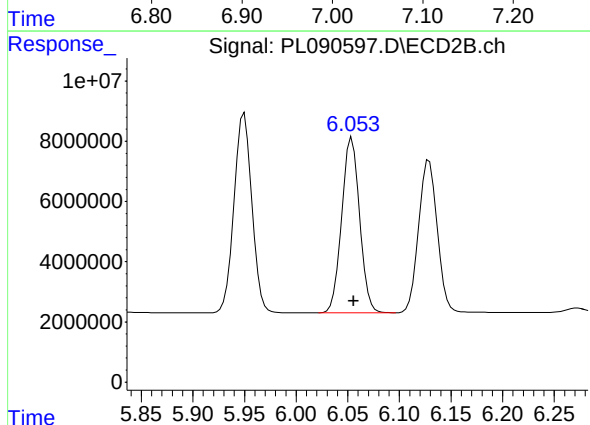
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 74698415
Conc: 44.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162158BS

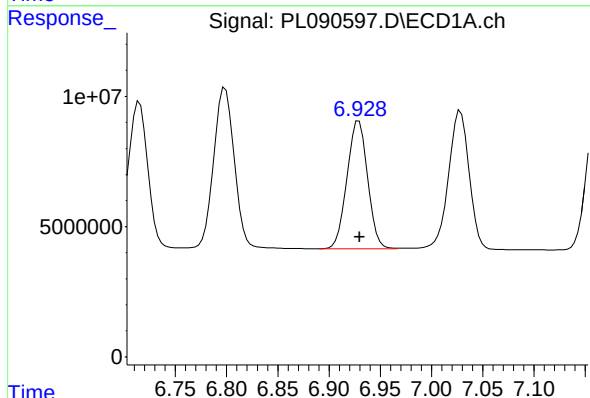
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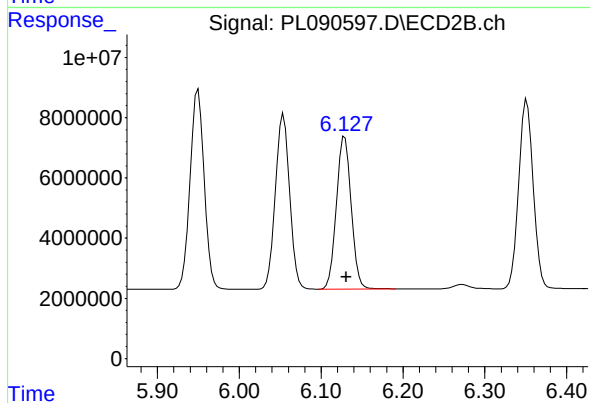
#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: -0.002 min
Response: 70388806
Conc: 48.04 ng/ml



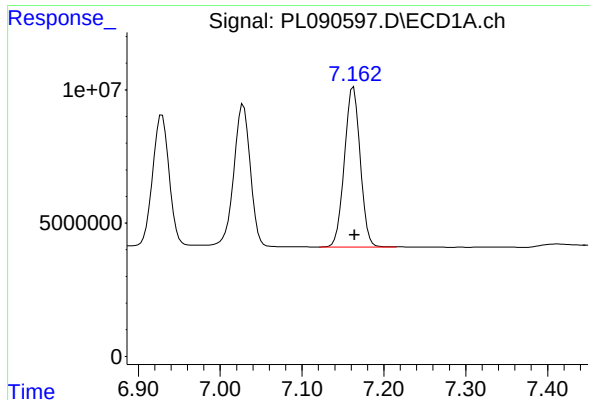
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 68684891
Conc: 46.30 ng/ml m



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 63810797
Conc: 48.84 ng/ml



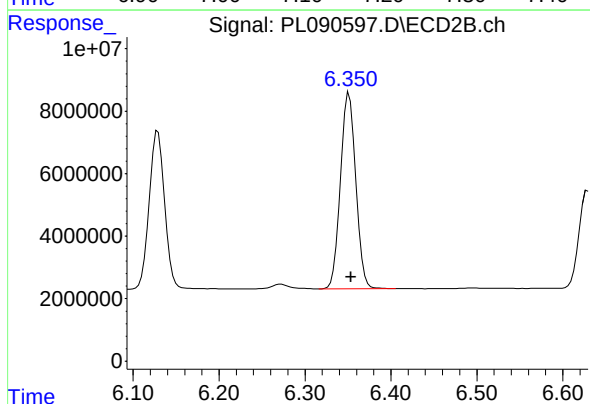
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: -0.001 min
Response: 80750156
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162158BS

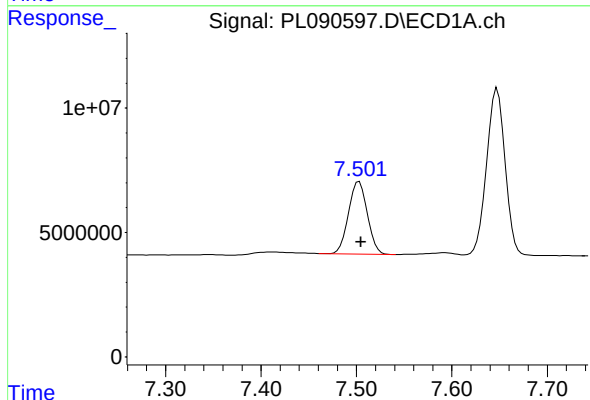
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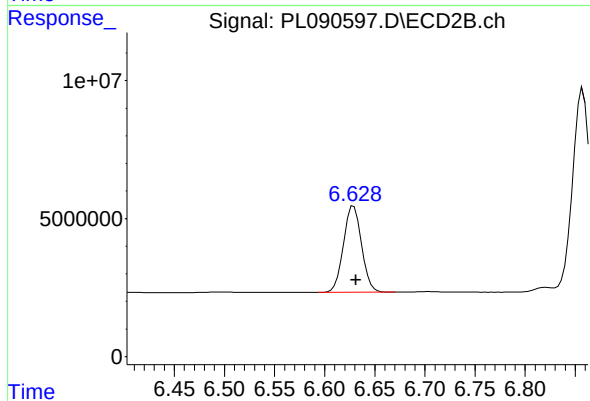
#19 Endosulfan Sulfate

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 77541684
Conc: 48.09 ng/ml



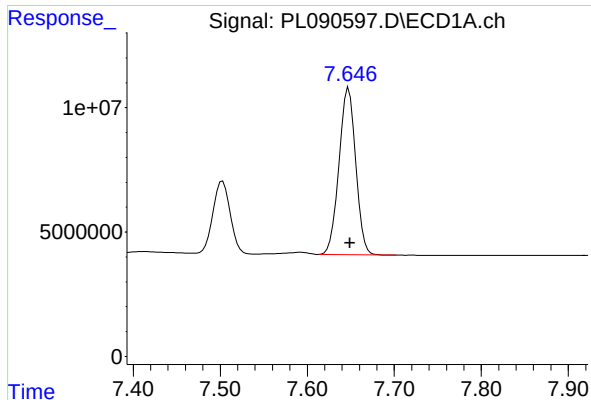
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 40324290
Conc: 45.67 ng/ml



#20 Methoxychlor

R.T.: 6.628 min
Delta R.T.: -0.004 min
Response: 39342442
Conc: 48.66 ng/ml m



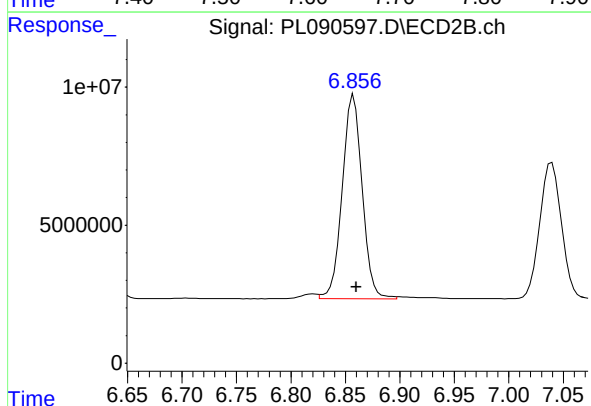
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 89984038
Conc: 47.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162158BS

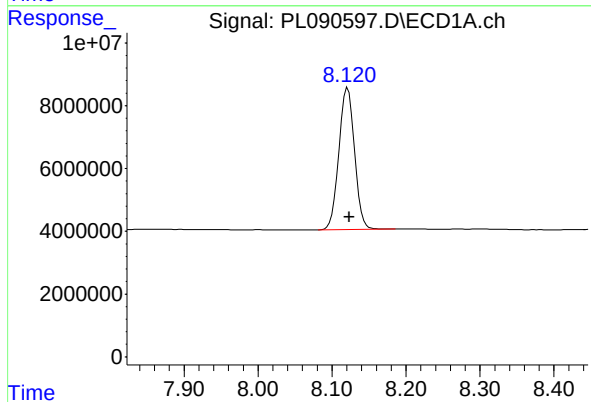
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Reviewed By :Abdul Mirza 07/22/2024
Supervised By :Ankita Jodhani 07/22/2024



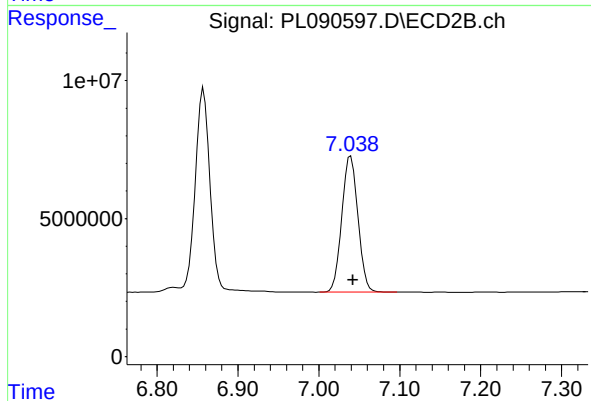
#21 Endrin ketone

R.T.: 6.856 min
Delta R.T.: -0.004 min
Response: 93846885
Conc: 51.35 ng/ml m



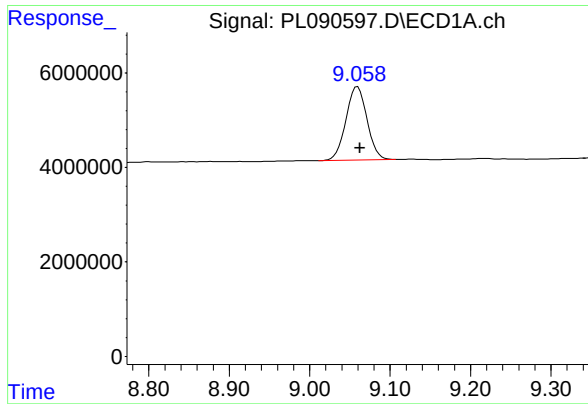
#22 Mirex

R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 66361973
Conc: 46.86 ng/ml



#22 Mirex

R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 68392622
Conc: 46.01 ng/ml



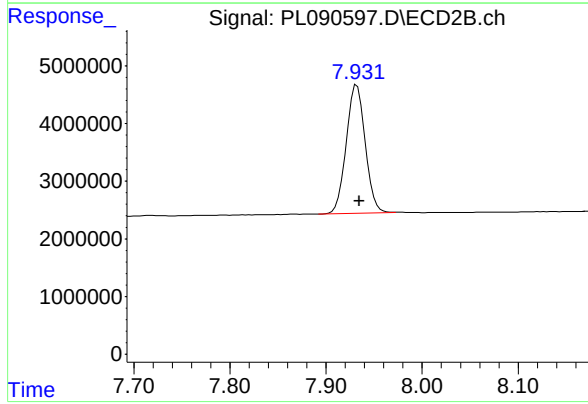
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 28216627
Conc: 21.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162158BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/22/2024
Supervised By :Ankita Jodhani 07/22/2024



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.004 min
Response: 30417284
Conc: 20.86 ng/ml m