

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031524\
 Data File : PL088594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2024 13:31
 Operator : AR\AJ
 Sample : PB159583BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159583BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/15/2024
 Supervised By :Ankita Jodhani 03/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 20:10:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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...	3.638	2.852	56087598	26342800	21.165	19.766
28) SA Decachlor...	9.309	8.083	48629857	26868342	19.673	19.816
Target Compounds						
2) A alpha-BHC	4.103	3.367	202.6E6	94318044	50.757	46.937
3) MA gamma-BHC...	4.442	3.704	192.1E6	88898648	49.537	46.323
4) MA Heptachlor	5.042	4.052	194.4E6	86834748	51.193	48.249
5) MB Aldrin	5.389	4.338	181.1E6	83971226	49.421	46.468
6) B beta-BHC	4.640	4.006	87085058	39496136	49.105	46.073
7) B delta-BHC	4.892	4.241	187.3E6	84088382	46.503	43.955
8) B Heptachlo...	5.821	4.849	172.6E6	76736909	50.247	46.663
9) A Endosulfan I	6.212	5.226	155.2E6	71390800	50.776	47.491
10) B gamma-Chl...	6.081	5.104	175.6E6	79559624	52.715	48.034
11) B alpha-Chl...	6.161	5.169	172.0E6	79241834	51.743	47.738
12) B 4,4'-DDE	6.336	5.362	152.3E6	70323568	50.979	48.213
13) MA Dieldrin	6.491	5.494	165.2E6	77660853	50.940	47.816
14) MA Endrin	6.724	5.774	139.8E6	70136522	51.154	48.658
15) B Endosulfa...	6.944	6.071	144.6E6	68332230	50.491	47.523
16) A 4,4'-DDD	6.858	5.924	129.4E6	59443221	50.799	47.731
17) MA 4,4'-DDT	7.177	6.179	140.3E6	64541420	52.625	48.086
18) B Endrin al...	7.074	6.254	111.1E6	52559078	53.203m	50.154
19) B Endosulfa...	7.313	6.479	138.8E6	65931073	50.253	47.520
20) A Methoxychlor	7.657	6.763	74892369	37097069	49.712	46.252
21) B Endrin ke...	7.803	6.993	149.5E6	78582901	50.561	47.606
22) Mirex	8.285	7.177	118.5E6	64779321	50.527	48.041m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031524\
Data File : PL088594.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Mar 2024 13:31
Operator : AR\AJ
Sample : PB159583BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB159583BS

Manual Integrations

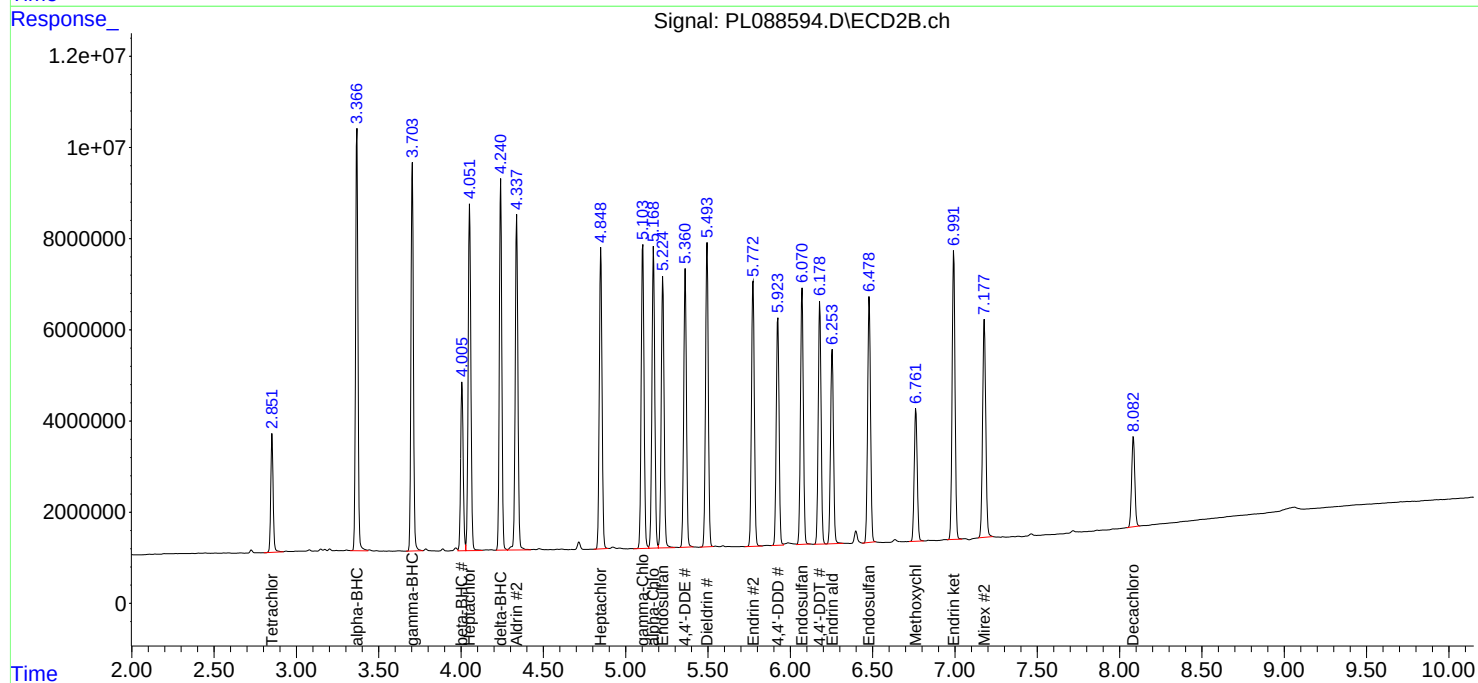
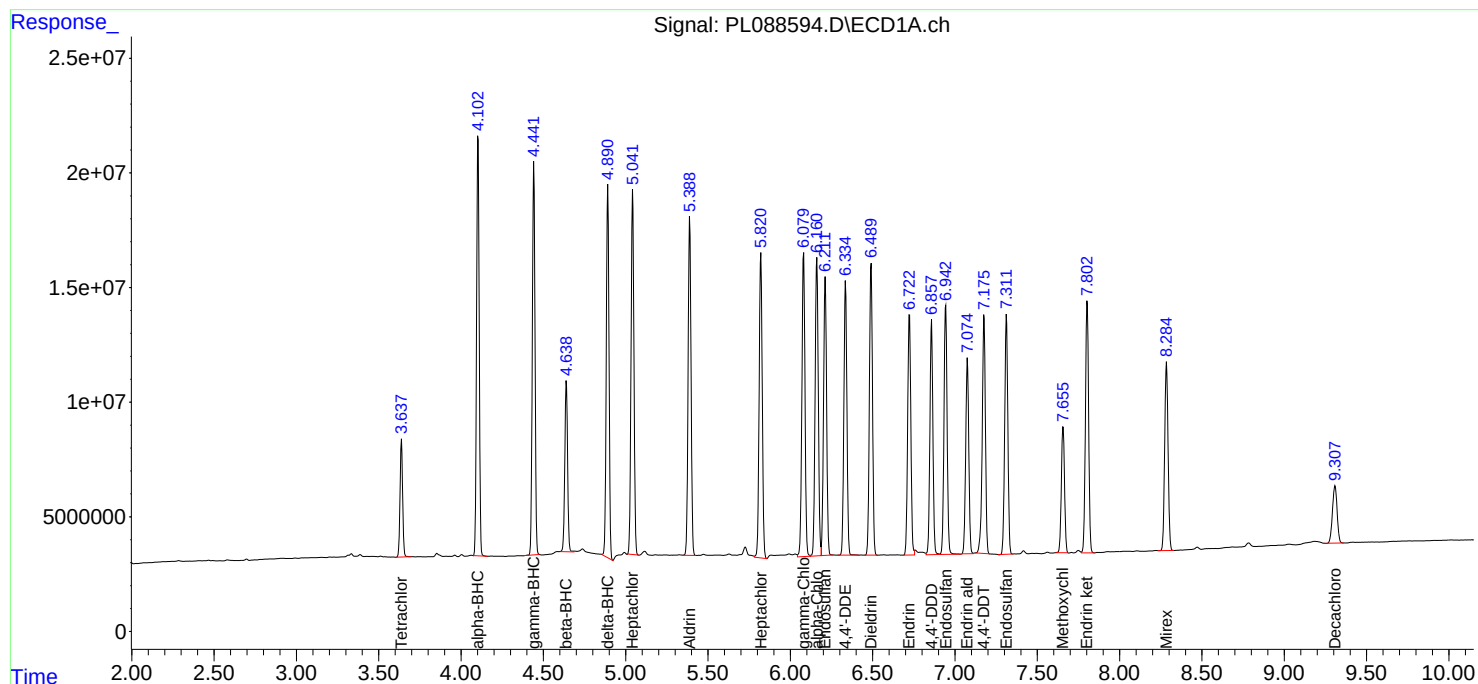
APPROVED

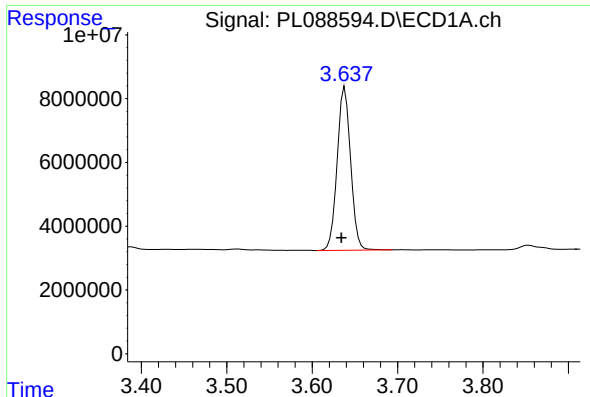
Reviewed By :Abdul Mirza 03/15/2024

Supervised By :Ankita Jodhani 03/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 20:10:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 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





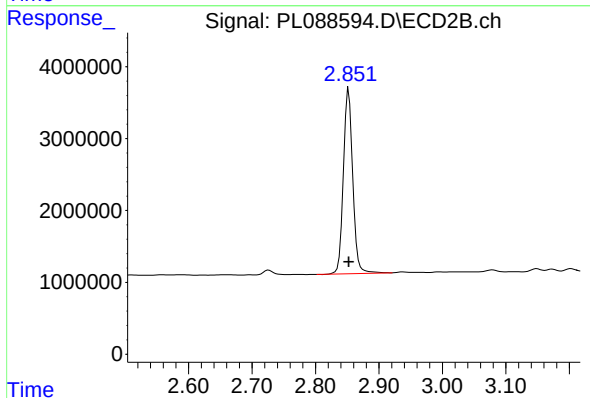
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: 0.004 min
Response: 56087598
Conc: 21.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

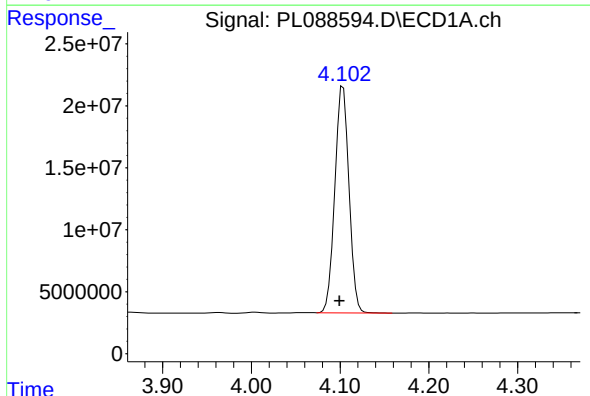
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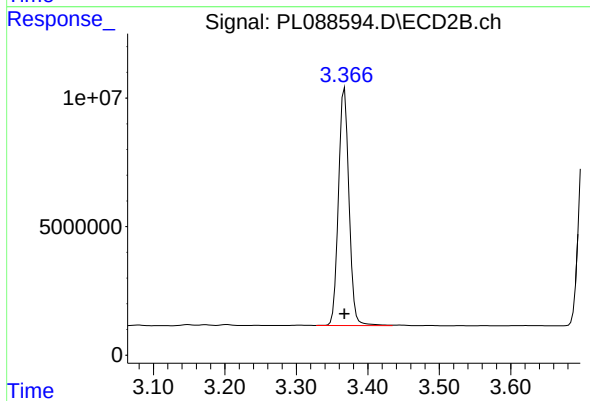
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 26342800
Conc: 19.77 ng/ml



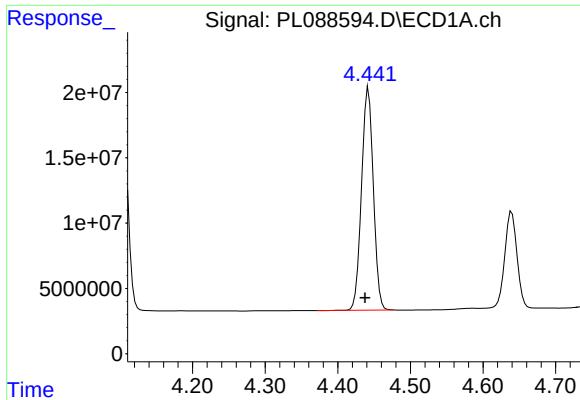
#2 alpha-BHC

R.T.: 4.103 min
Delta R.T.: 0.004 min
Response: 202605271
Conc: 50.76 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: 0.000 min
Response: 94318044
Conc: 46.94 ng/ml



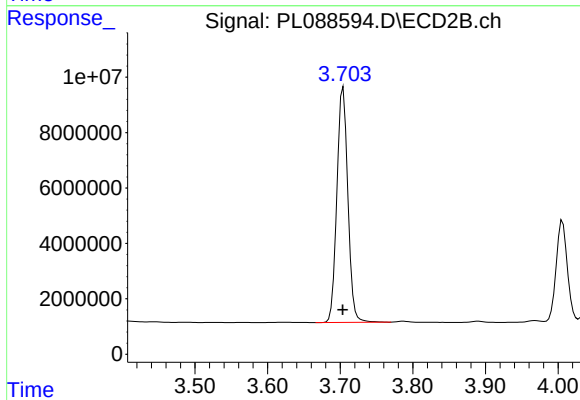
#3 gamma-BHC (Lindane)

R.T.: 4.442 min
Delta R.T.: 0.004 min
Response: 192115147
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

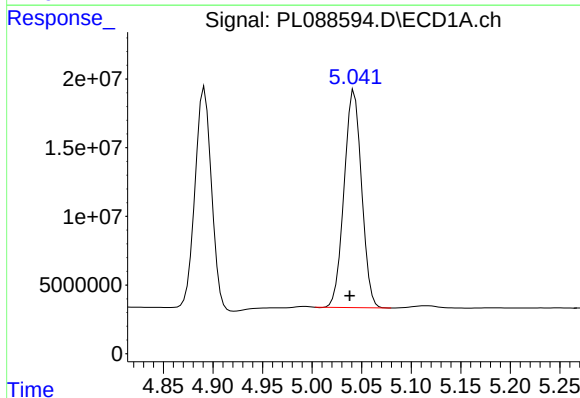
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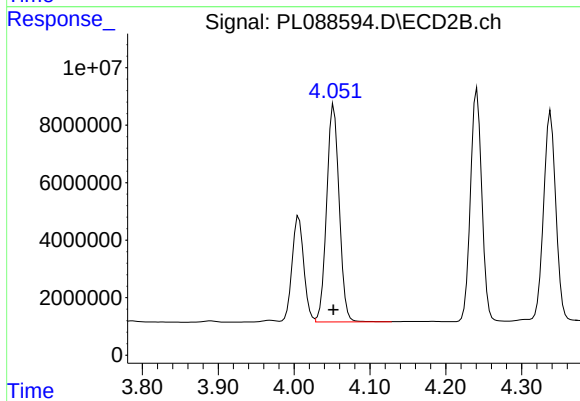
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: 0.000 min
Response: 88898648
Conc: 46.32 ng/ml



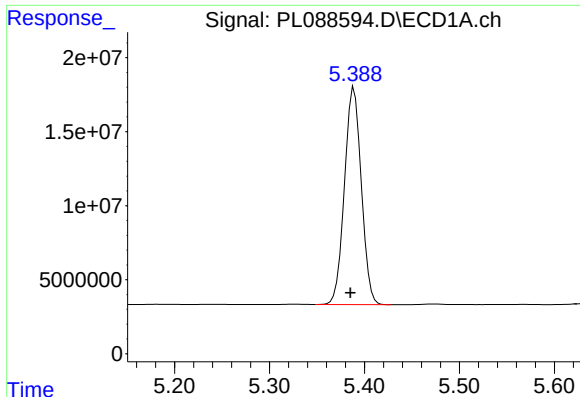
#4 Heptachlor

R.T.: 5.042 min
Delta R.T.: 0.005 min
Response: 194401577
Conc: 51.19 ng/ml



#4 Heptachlor

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 86834748
Conc: 48.25 ng/ml



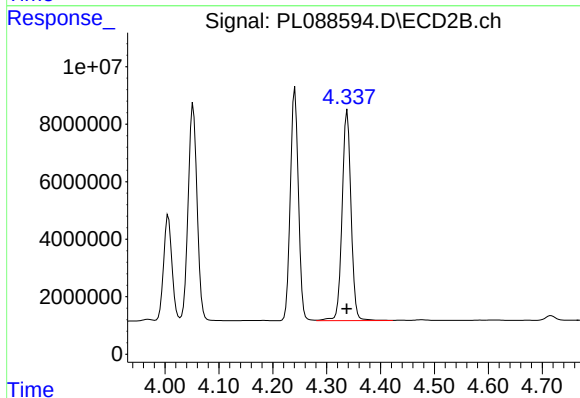
#5 Aldrin

R.T.: 5.389 min
Delta R.T.: 0.004 min
Response: 181101168
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

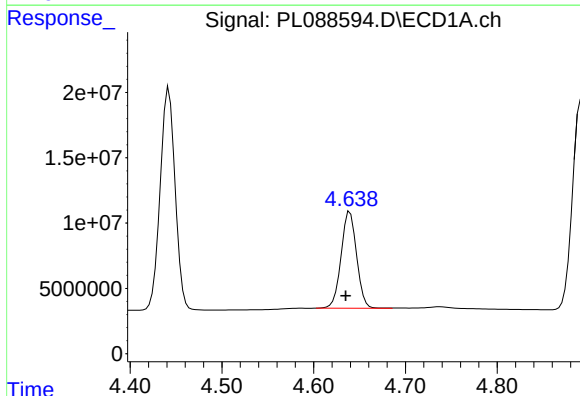
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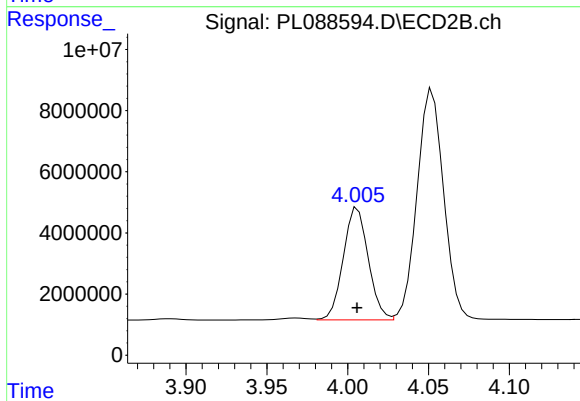
#5 Aldrin

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 83971226
Conc: 46.47 ng/ml



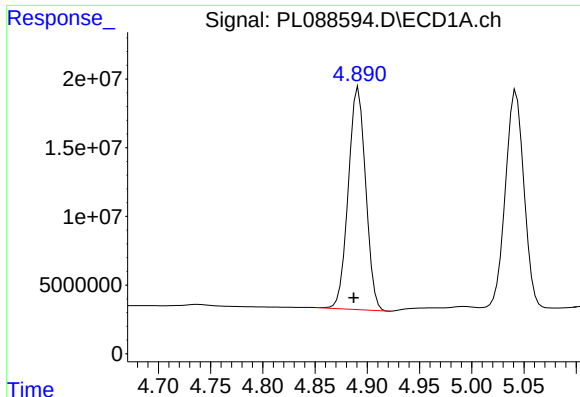
#6 beta-BHC

R.T.: 4.640 min
Delta R.T.: 0.005 min
Response: 87085058
Conc: 49.11 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 39496136
Conc: 46.07 ng/ml



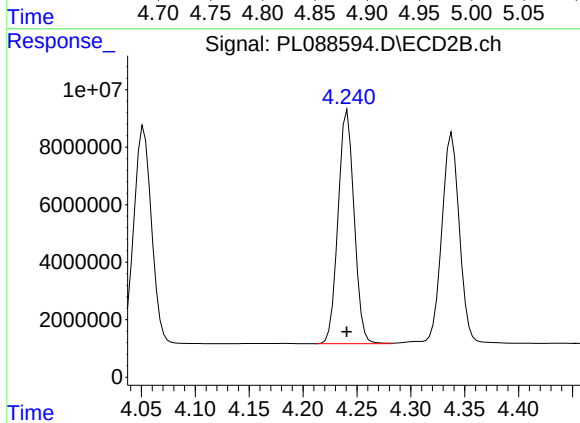
#7 delta-BHC

R.T.: 4.892 min
Delta R.T.: 0.005 min
Response: 187324296
Conc: 46.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

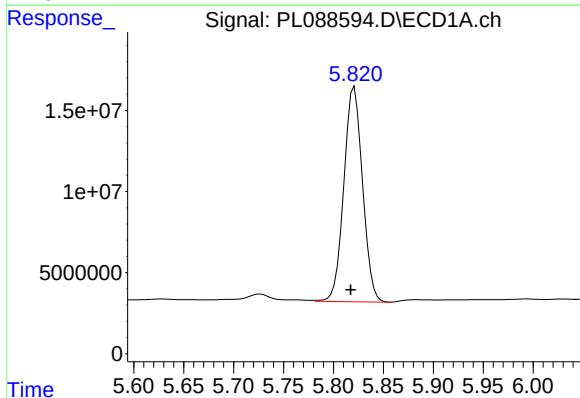
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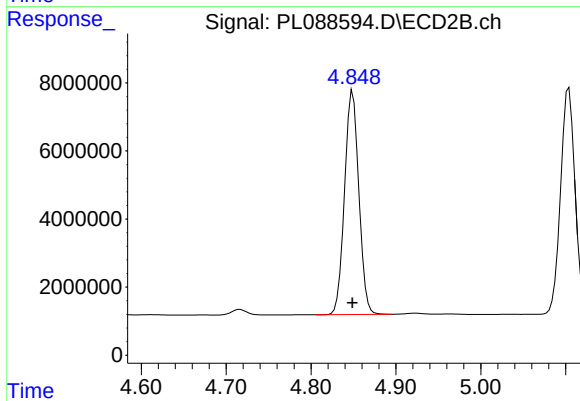
#7 delta-BHC

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 84088382
Conc: 43.95 ng/ml



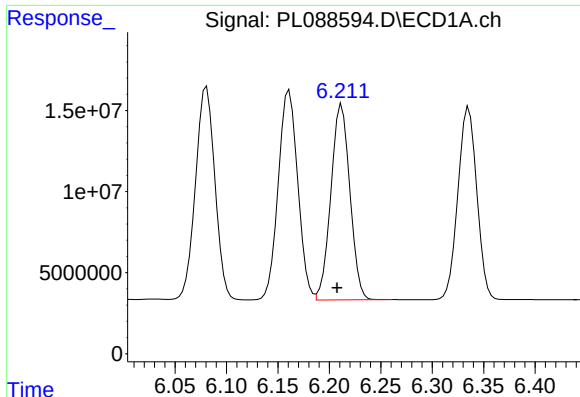
#8 Heptachlor epoxide

R.T.: 5.821 min
Delta R.T.: 0.004 min
Response: 172597677
Conc: 50.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 76736909
Conc: 46.66 ng/ml



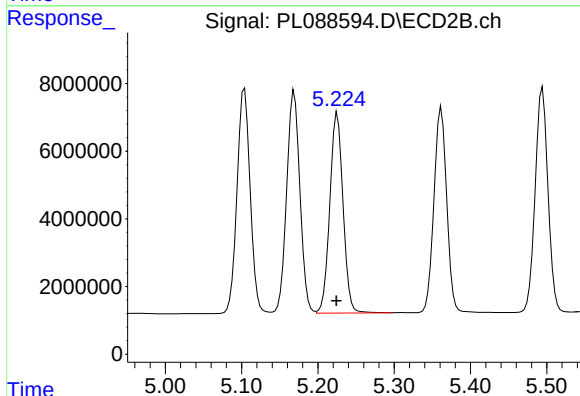
#9 Endosulfan I

R.T.: 6.212 min
Delta R.T.: 0.005 min
Response: 155195143
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

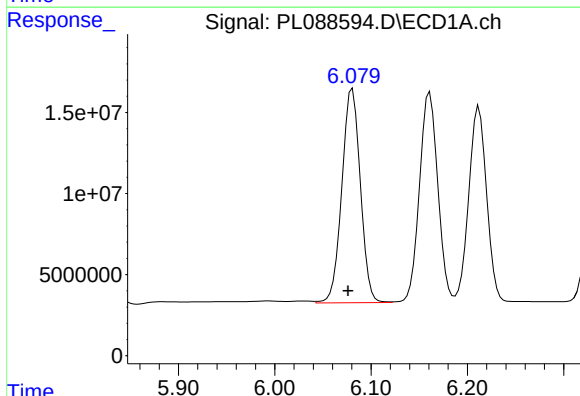
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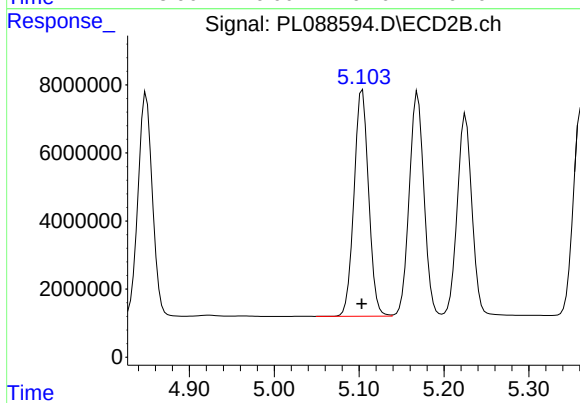
#9 Endosulfan I

R.T.: 5.226 min
Delta R.T.: 0.001 min
Response: 71390800
Conc: 47.49 ng/ml



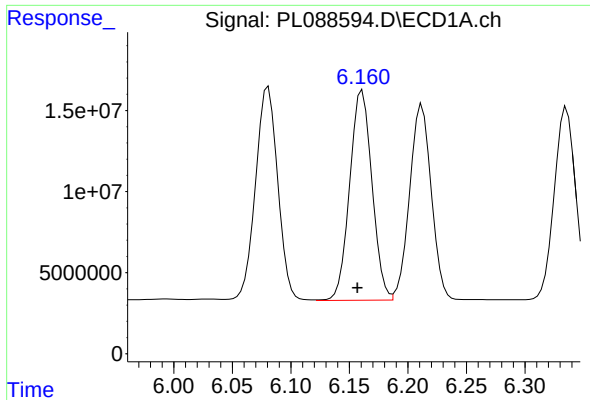
#10 gamma-Chlordane

R.T.: 6.081 min
Delta R.T.: 0.005 min
Response: 175584076
Conc: 52.72 ng/ml



#10 gamma-Chlordane

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 79559624
Conc: 48.03 ng/ml



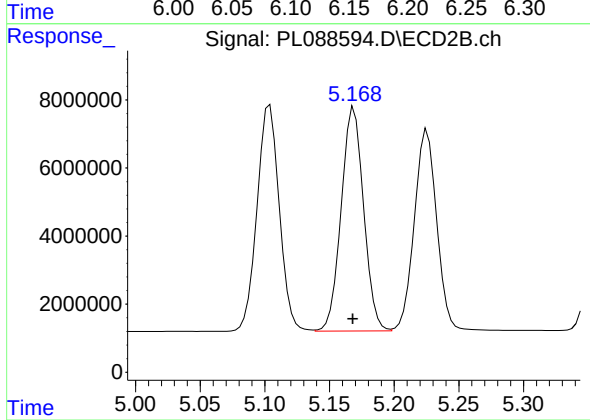
#11 alpha-Chlordane

R.T.: 6.161 min
Delta R.T.: 0.004 min
Response: 171995584
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

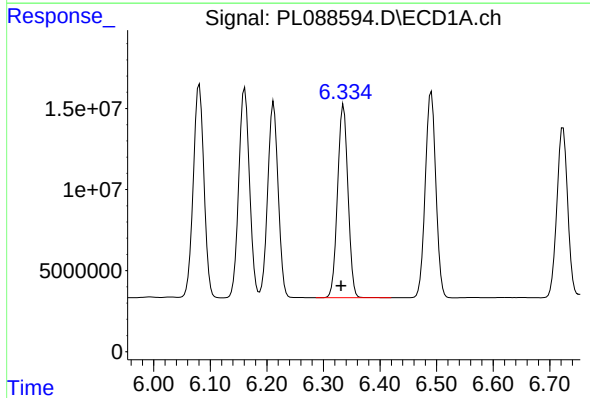
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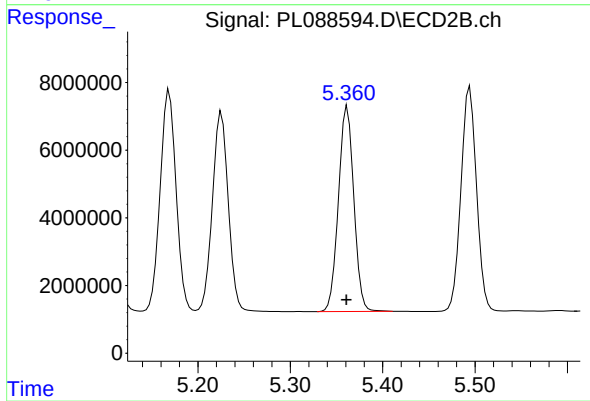
#11 alpha-Chlordane

R.T.: 5.169 min
Delta R.T.: 0.001 min
Response: 79241834
Conc: 47.74 ng/ml



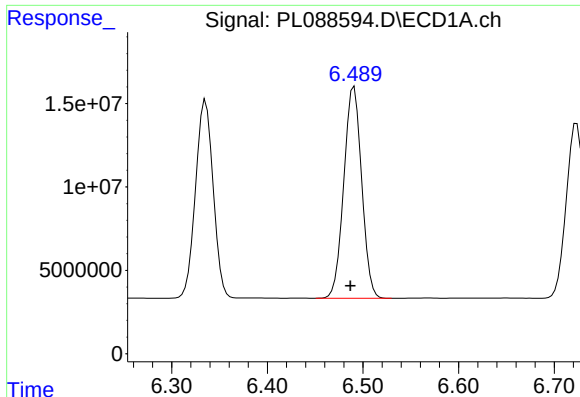
#12 4,4'-DDE

R.T.: 6.336 min
Delta R.T.: 0.004 min
Response: 152309404
Conc: 50.98 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 70323568
Conc: 48.21 ng/ml



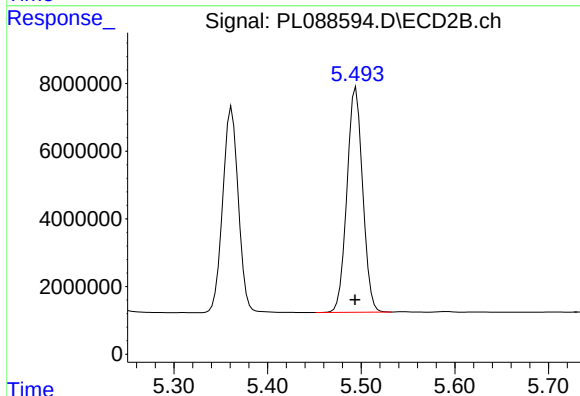
#13 Dieldrin

R.T.: 6.491 min
Delta R.T.: 0.004 min
Response: 165181668
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

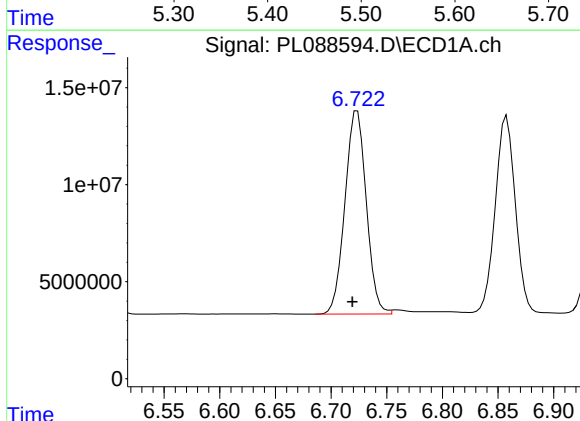
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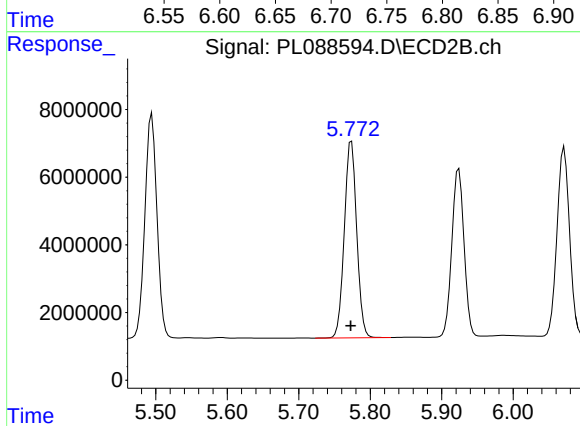
#13 Dieldrin

R.T.: 5.494 min
Delta R.T.: 0.001 min
Response: 77660853
Conc: 47.82 ng/ml



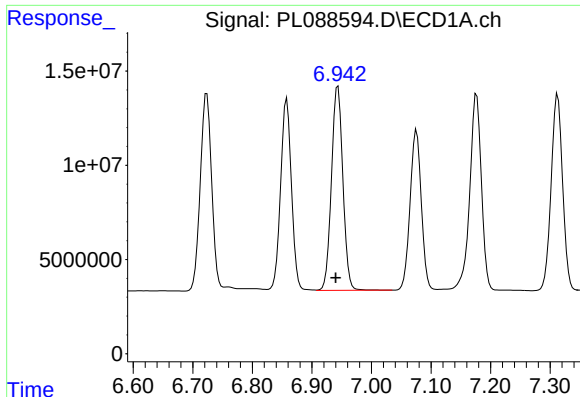
#14 Endrin

R.T.: 6.724 min
Delta R.T.: 0.004 min
Response: 139839786
Conc: 51.15 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 70136522
Conc: 48.66 ng/ml



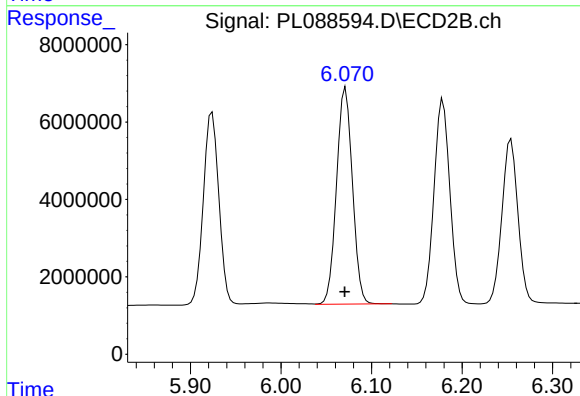
#15 Endosulfan II

R.T.: 6.944 min
Delta R.T.: 0.004 min
Response: 144615388
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

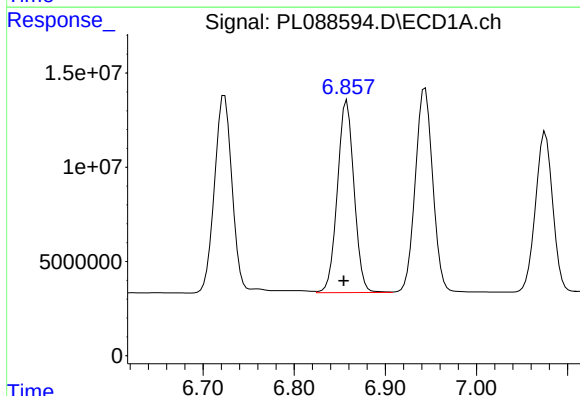
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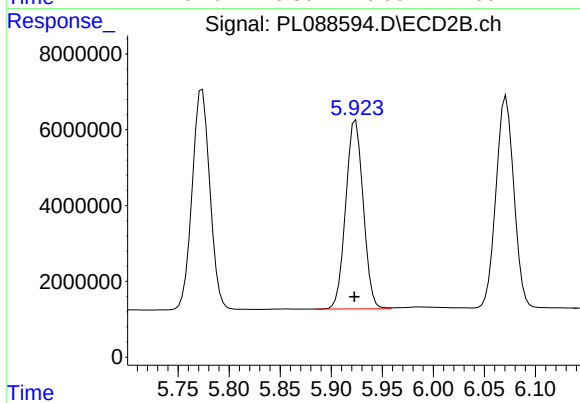
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: 0.001 min
Response: 68332230
Conc: 47.52 ng/ml



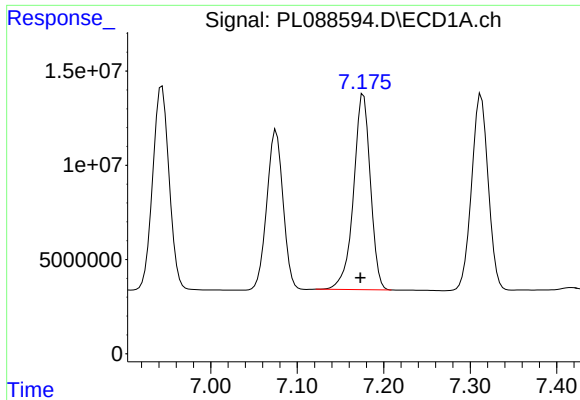
#16 4,4'-DDD

R.T.: 6.858 min
Delta R.T.: 0.004 min
Response: 129373552
Conc: 50.80 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.001 min
Response: 59443221
Conc: 47.73 ng/ml



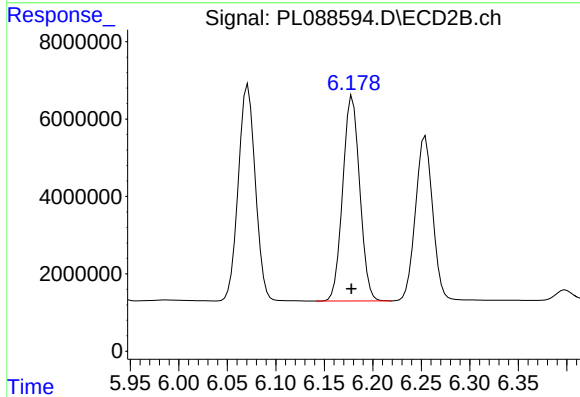
#17 4,4'-DDT

R.T.: 7.177 min
Delta R.T.: 0.004 min
Response: 140270430
Conc: 52.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

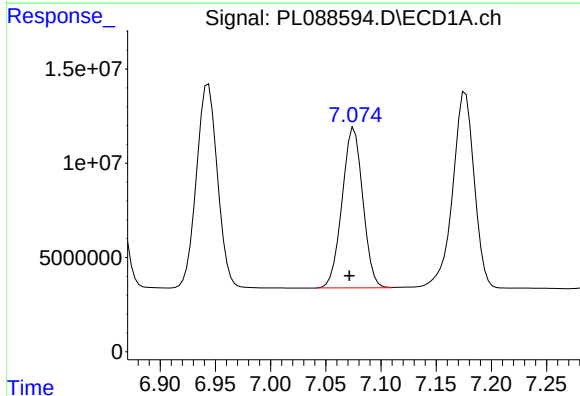
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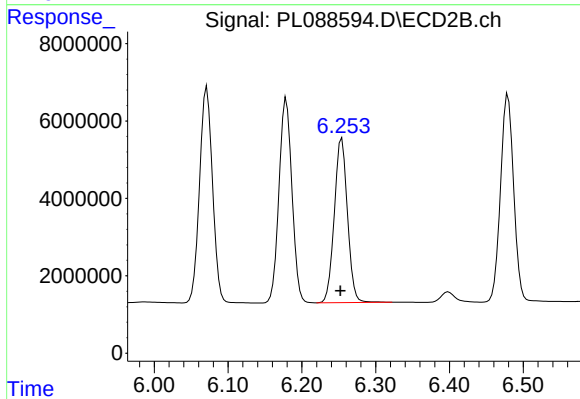
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 64541420
Conc: 48.09 ng/ml



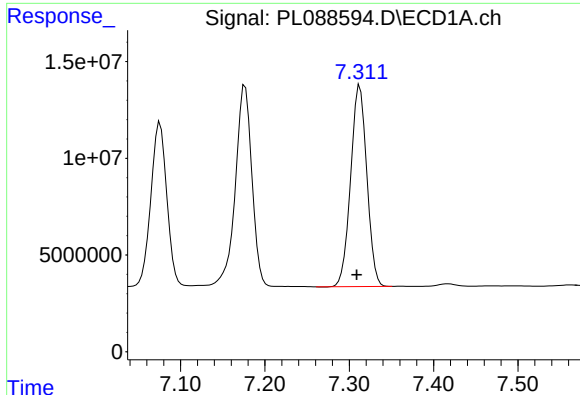
#18 Endrin aldehyde

R.T.: 7.074 min
Delta R.T.: 0.003 min
Response: 111078815
Conc: 53.20 ng/ml m



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.002 min
Response: 52559078
Conc: 50.15 ng/ml



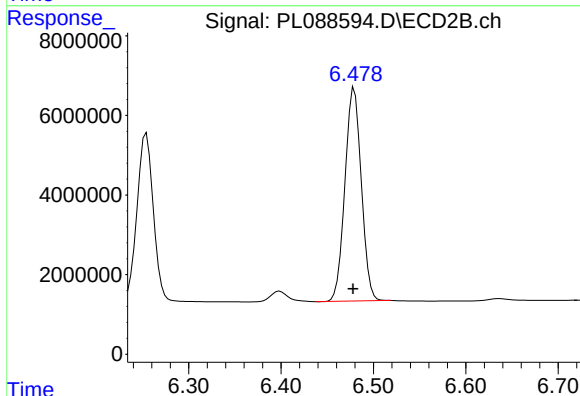
#19 Endosulfan Sulfate

R.T.: 7.313 min
Delta R.T.: 0.004 min
Response: 138764594
Conc: 50.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

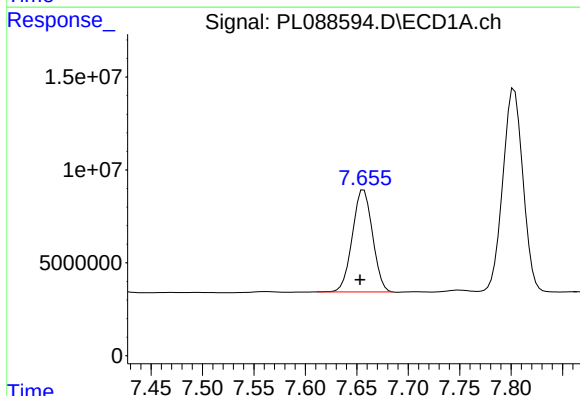
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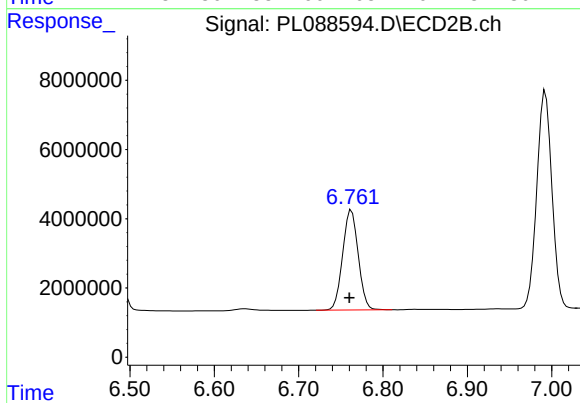
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: 0.002 min
Response: 65931073
Conc: 47.52 ng/ml



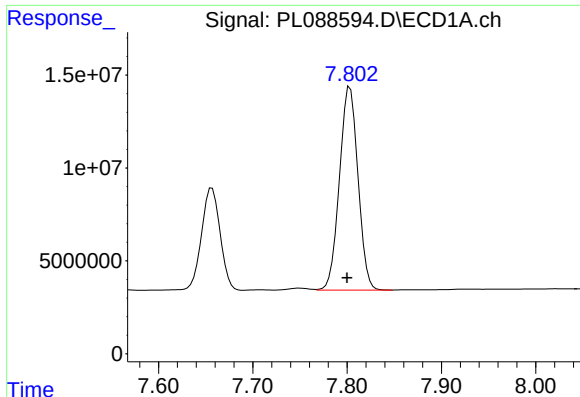
#20 Methoxychlor

R.T.: 7.657 min
Delta R.T.: 0.004 min
Response: 74892369
Conc: 49.71 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 37097069
Conc: 46.25 ng/ml



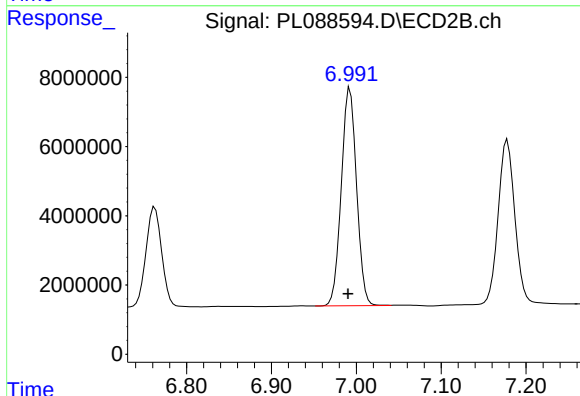
#21 Endrin ketone

R.T.: 7.803 min
Delta R.T.: 0.003 min
Response: 149478463
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

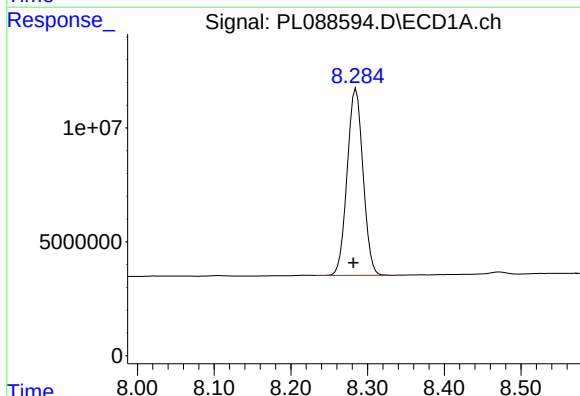
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Reviewed By :Abdul Mirza 03/15/2024
Supervised By :Ankita Jodhani 03/15/2024



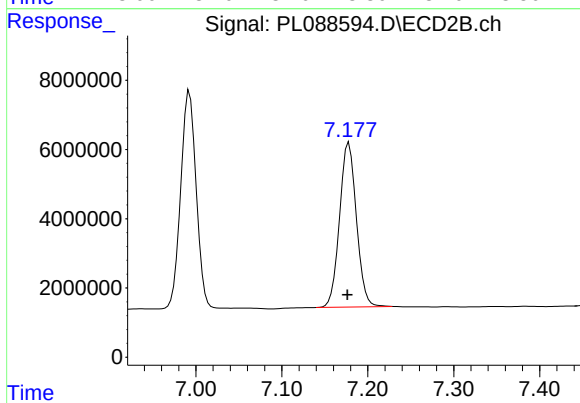
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: 0.002 min
Response: 78582901
Conc: 47.61 ng/ml



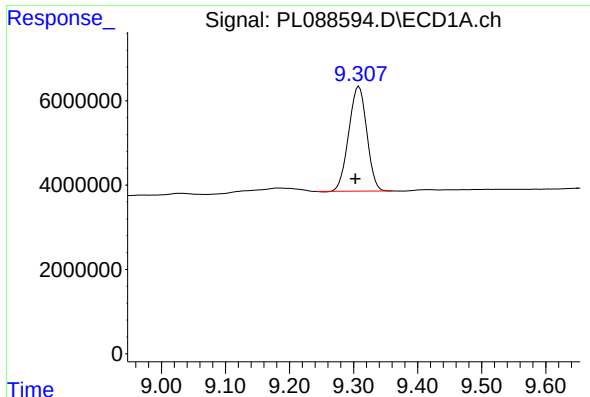
#22 Mirex

R.T.: 8.285 min
Delta R.T.: 0.003 min
Response: 118459817
Conc: 50.53 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 64779321
Conc: 48.04 ng/ml m



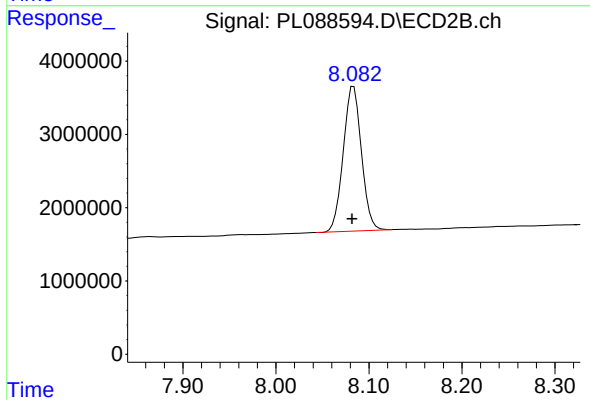
#28 Decachlorobiphenyl

R.T.: 9.309 min
Delta R.T.: 0.006 min
Response: 48629857
Conc: 19.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159583BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/15/2024
Supervised By :Ankita Jodhani 03/15/2024



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: 0.002 min
Response: 26868342
Conc: 19.82 ng/ml