

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020124\
 Data File : PL088082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2024 10:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/02/2024
 Supervised By :Ankita Jodhani 02/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 03:39:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 29 12:34:13 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...	3.430	2.673	122.0E6	53305982	42.047	42.946
28) SA Decachlor...	8.994f	7.863	137.8E6	57476300	51.436m	47.259
Target Compounds						
2) A alpha-BHC	3.887	3.177	195.6E6	80431415	44.947	43.720
3) MA gamma-BHC...	4.221	3.507	186.0E6	77931114	43.947	43.201
4) MA Heptachlor	4.815	3.849	181.6E6	73291740	43.652	42.152
5) MB Aldrin	5.158	4.129	184.0E6	73893173	45.057	42.526
6) B beta-BHC	4.422	3.810	77480210	33194278	41.962	43.865
7) B delta-BHC	4.668	4.039	188.5E6	78253624	46.293	45.002
8) B Heptachlo...	5.588	4.638	162.6E6	66515429	43.028	42.713
9) A Endosulfan I	5.976f	5.008	154.2E6	61677453	45.389	43.593
10) B gamma-Chl...	5.847	4.891	167.9E6	66818355	45.350	43.288
11) B alpha-Chl...	5.927f	4.955	167.2E6	67239143	45.598	43.147
12) B 4,4'-DDE	6.109f	5.154	147.3E6	60530913	48.985	47.382
13) MA Dieldrin	6.254f	5.276	162.4E6	66949847	45.708	43.674
14) MA Endrin	6.482	5.552	138.7E6	56965371	45.915m	42.061
15) B Endosulfa...	6.704	5.850	142.7E6	58789527	46.982m	45.096
16) A 4,4'-DDD	6.630f	5.713	124.5E6	58309654	51.732	55.452
17) MA 4,4'-DDT	6.947f	5.965	133.2E6	54461990	48.660	45.895
18) B Endrin al...	6.837f	6.032	112.7E6	45882575	48.430	45.441
19) B Endosulfa...	7.074	6.257	140.3E6	56952315	48.478	44.852
20) A Methoxychlor	7.432f	6.551	75172264	31872756	48.378	44.906
21) B Endrin ke...	7.560f	6.765	160.0E6	70219048	52.248	47.294
22) Mirex	8.036	6.945	122.9E6	54596137	45.661	42.380

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020124\
Data File : PL088082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Feb 2024 10:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

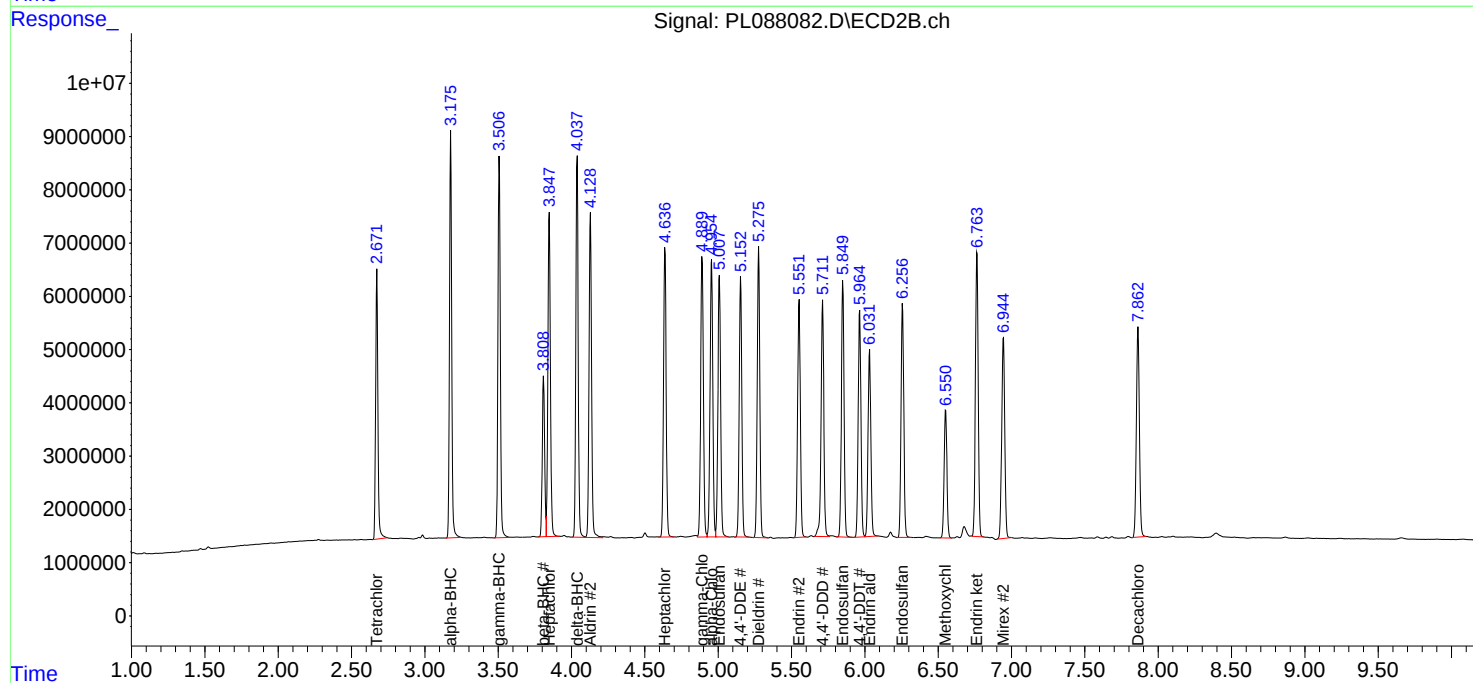
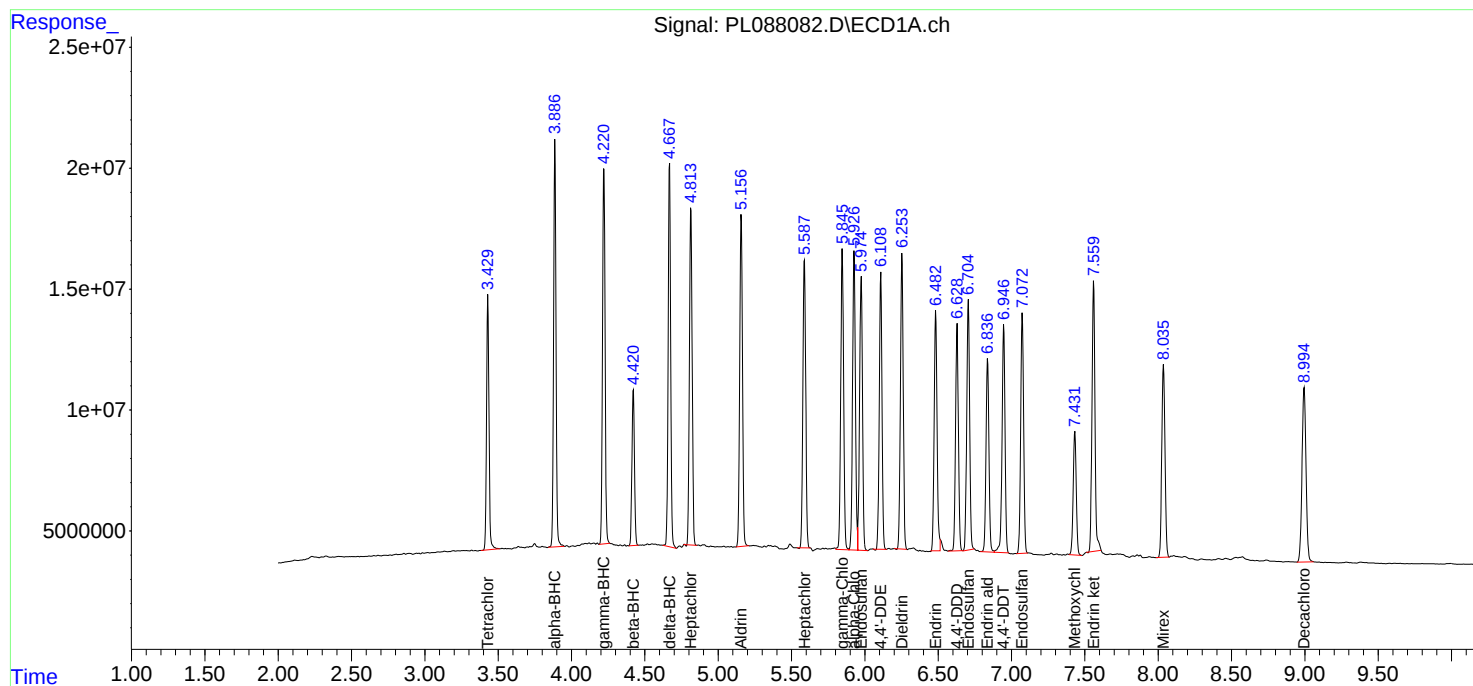
APPROVED

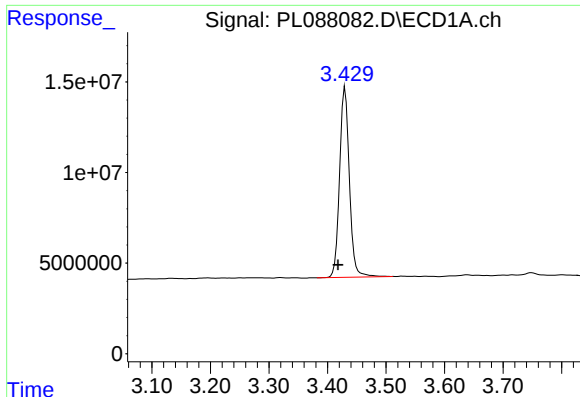
Reviewed By :Abdul Mirza 02/02/2024

Supervised By :Ankita Jodhani 02/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 02 03:39:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012724.M
Quant Title : GC Extractables
QLast Update : Mon Jan 29 12:34:13 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





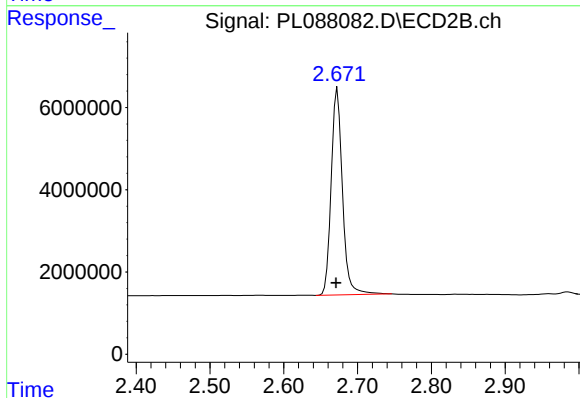
#1 Tetrachloro-m-xylene

R.T.: 3.430 min
Delta R.T.: 0.012 min
Response: 121960595
Conc: 42.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

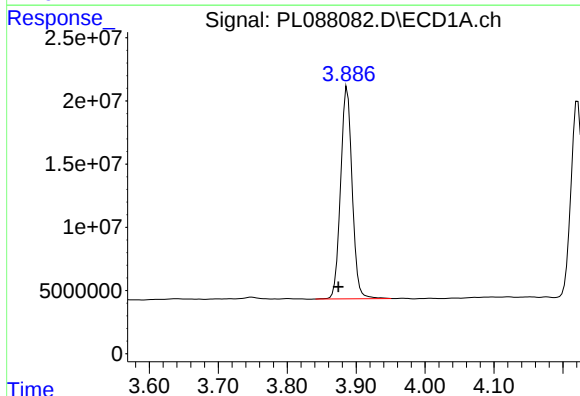
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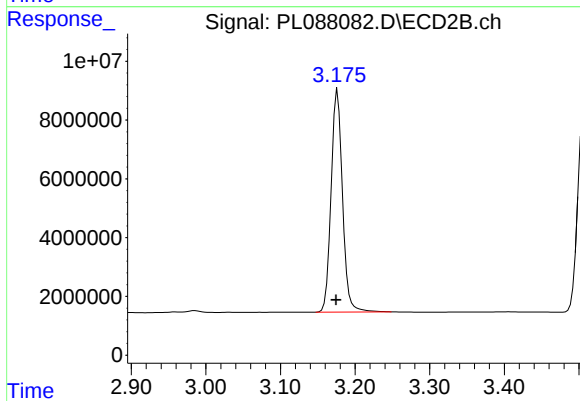
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: 0.002 min
Response: 53305982
Conc: 42.95 ng/ml



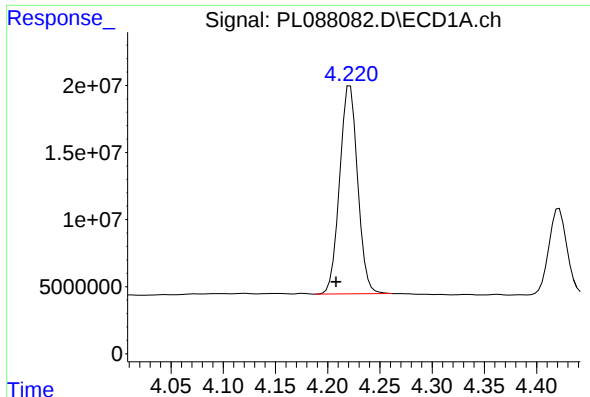
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.013 min
Response: 195566274
Conc: 44.95 ng/ml



#2 alpha-BHC

R.T.: 3.177 min
Delta R.T.: 0.002 min
Response: 80431415
Conc: 43.72 ng/ml



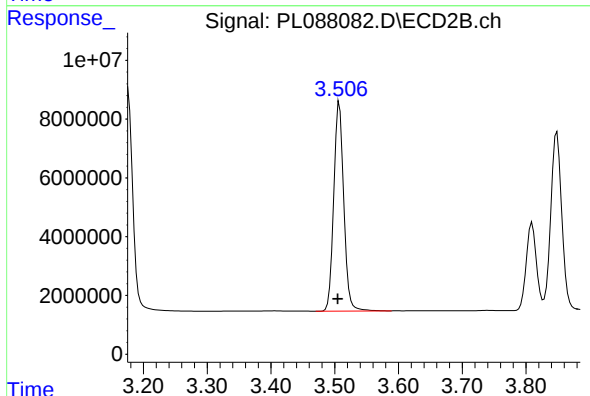
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.013 min
Response: 185955182
Conc: 43.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

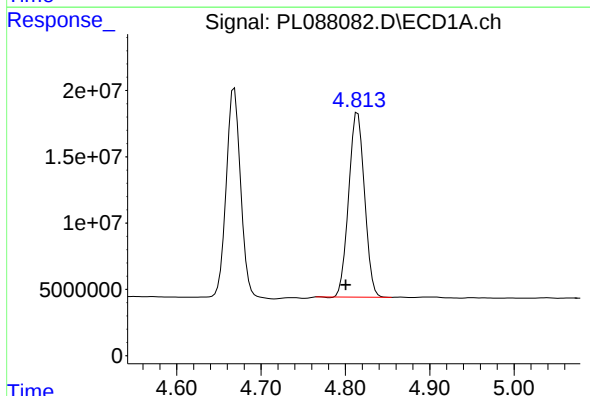
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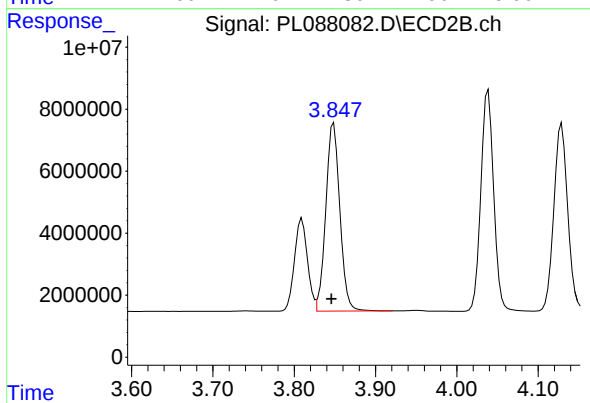
#3 gamma-BHC (Lindane)

R.T.: 3.507 min
Delta R.T.: 0.003 min
Response: 77931114
Conc: 43.20 ng/ml



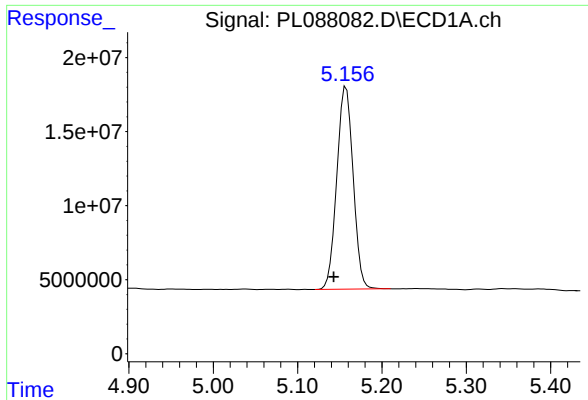
#4 Heptachlor

R.T.: 4.815 min
Delta R.T.: 0.014 min
Response: 181581429
Conc: 43.65 ng/ml



#4 Heptachlor

R.T.: 3.849 min
Delta R.T.: 0.003 min
Response: 73291740
Conc: 42.15 ng/ml



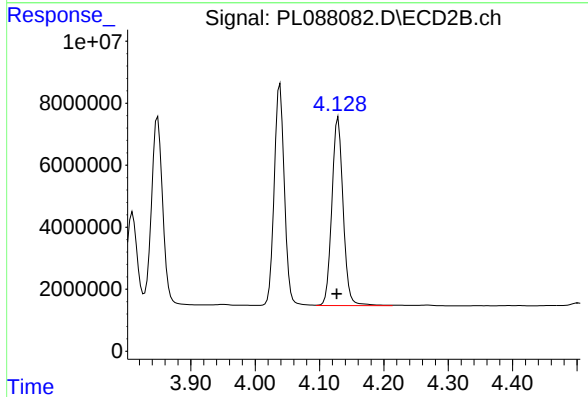
#5 Aldrin

R.T.: 5.158 min
Delta R.T.: 0.015 min
Response: 184036533
Conc: 45.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

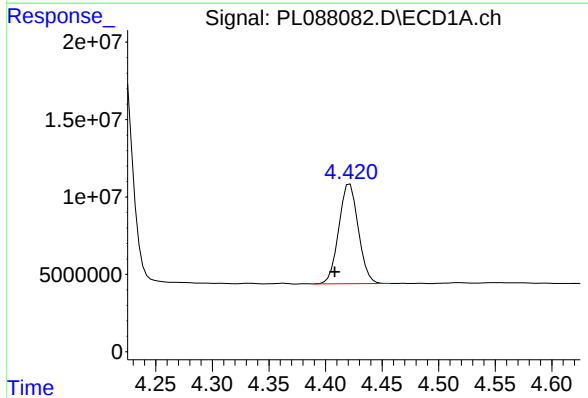
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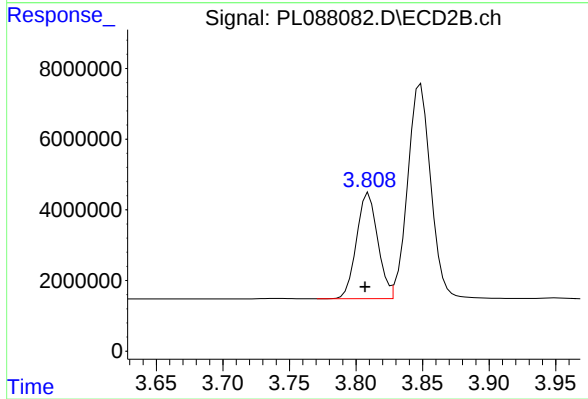
#5 Aldrin

R.T.: 4.129 min
Delta R.T.: 0.002 min
Response: 73893173
Conc: 42.53 ng/ml



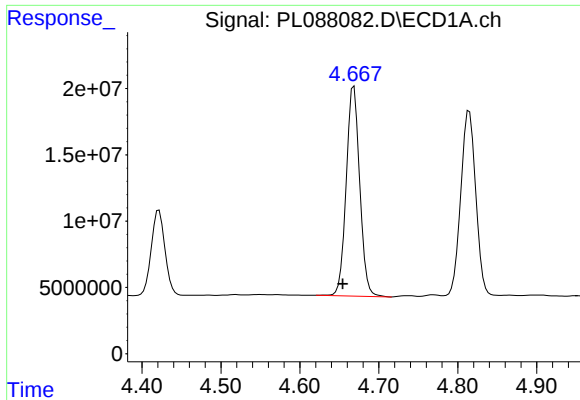
#6 beta-BHC

R.T.: 4.422 min
Delta R.T.: 0.013 min
Response: 77480210
Conc: 41.96 ng/ml



#6 beta-BHC

R.T.: 3.810 min
Delta R.T.: 0.003 min
Response: 33194278
Conc: 43.87 ng/ml



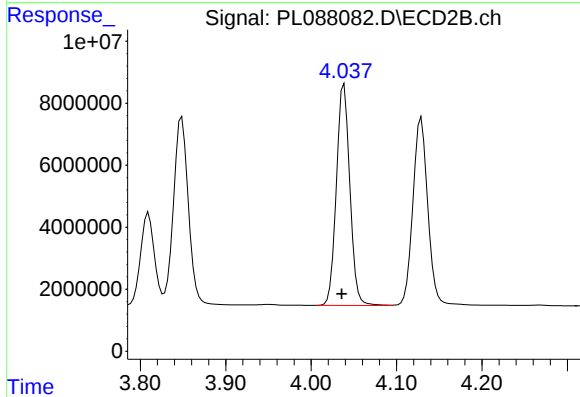
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.014 min
Response: 188471245
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

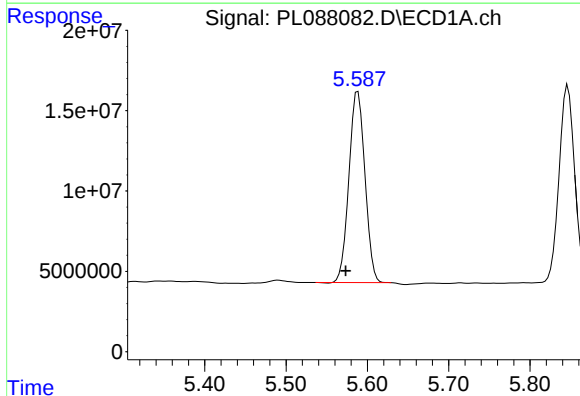
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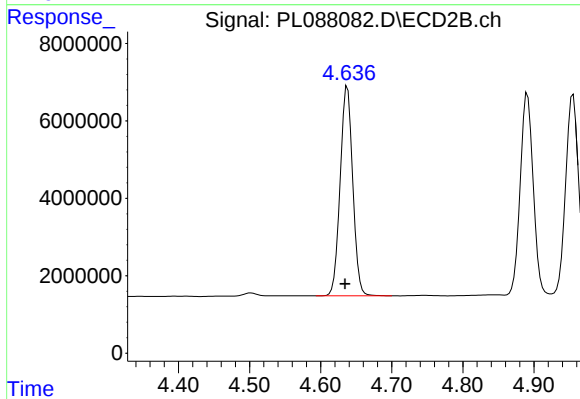
#7 delta-BHC

R.T.: 4.039 min
Delta R.T.: 0.003 min
Response: 78253624
Conc: 45.00 ng/ml



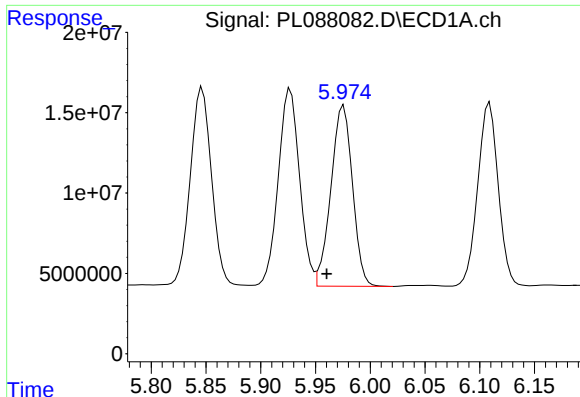
#8 Heptachlor epoxide

R.T.: 5.588 min
Delta R.T.: 0.015 min
Response: 162551053
Conc: 43.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: 0.003 min
Response: 66515429
Conc: 42.71 ng/ml



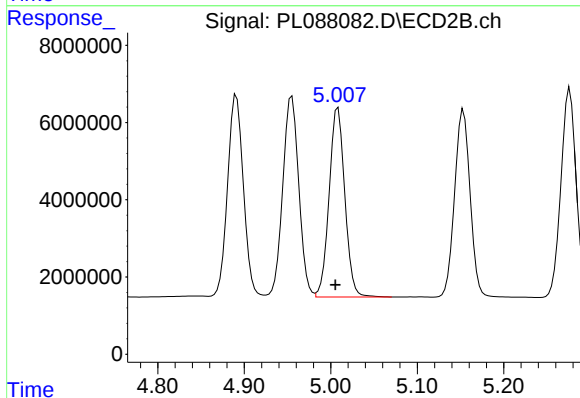
#9 Endosulfan I

R.T.: 5.976 min
Delta R.T.: 0.015 min
Response: 154225255
Conc: 45.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

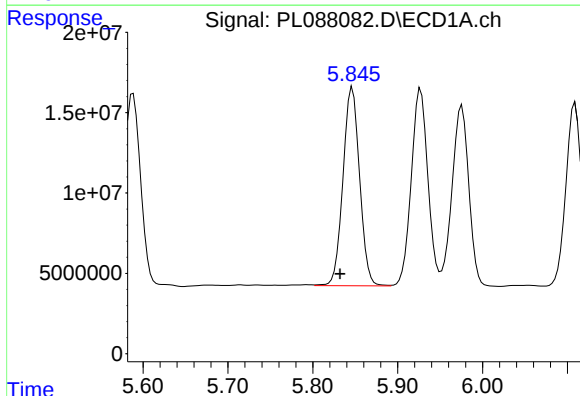
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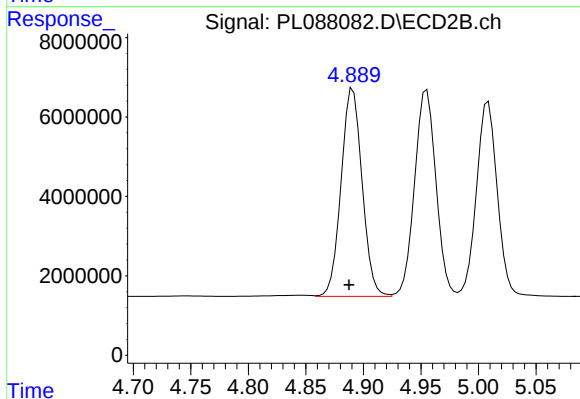
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: 0.003 min
Response: 61677453
Conc: 43.59 ng/ml



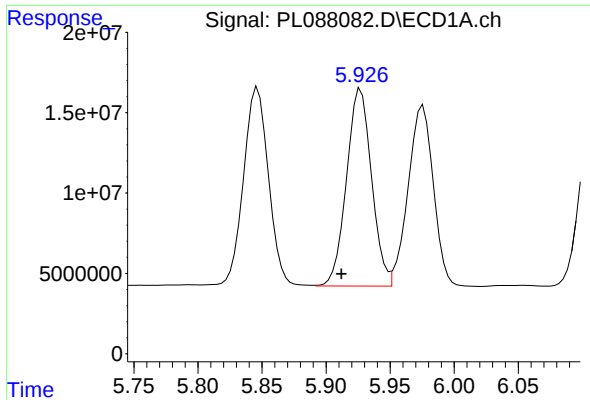
#10 gamma-Chlordane

R.T.: 5.847 min
Delta R.T.: 0.015 min
Response: 167897366
Conc: 45.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: 0.003 min
Response: 66818355
Conc: 43.29 ng/ml



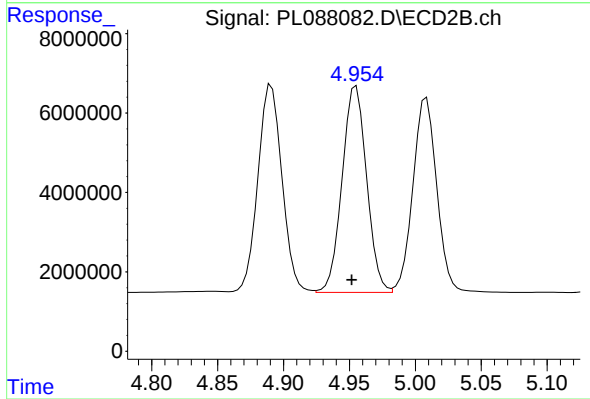
#11 alpha-Chlordane

R.T.: 5.927 min
Delta R.T.: 0.015 min
Response: 167190695
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

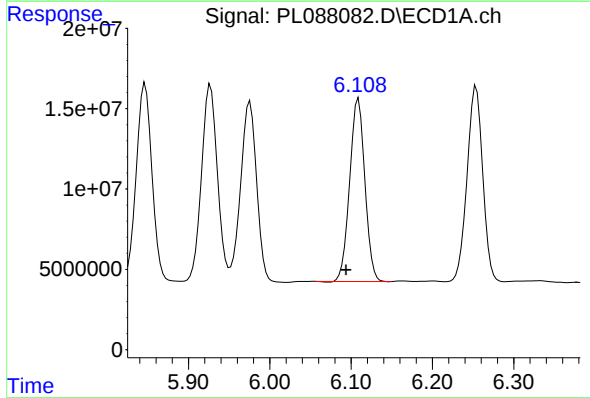
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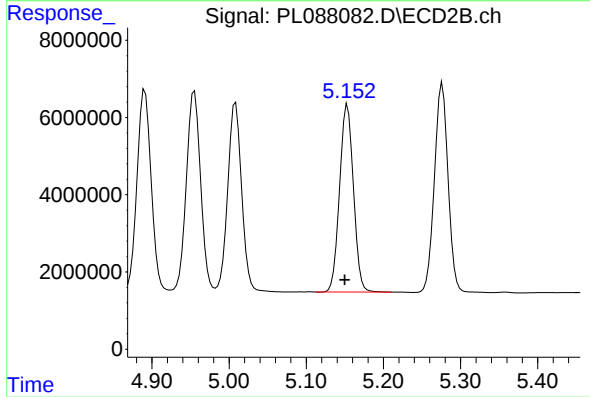
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: 0.003 min
Response: 67239143
Conc: 43.15 ng/ml



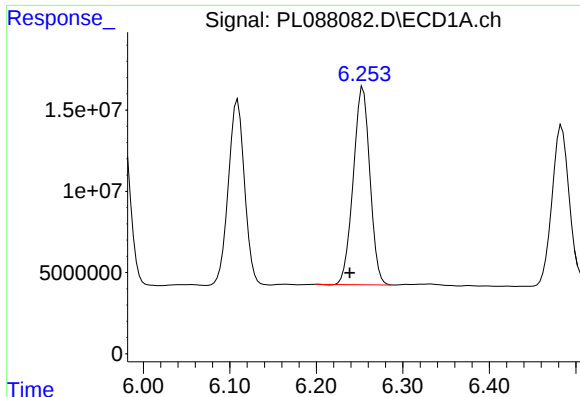
#12 4,4'-DDE

R.T.: 6.109 min
Delta R.T.: 0.015 min
Response: 147332487
Conc: 48.99 ng/ml



#12 4,4'-DDE

R.T.: 5.154 min
Delta R.T.: 0.004 min
Response: 60530913
Conc: 47.38 ng/ml



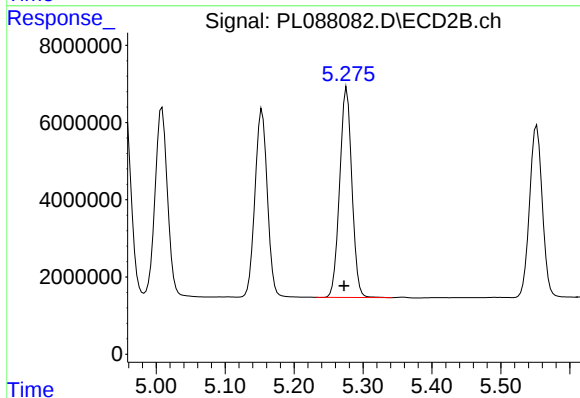
#13 Dieldrin

R.T.: 6.254 min
Delta R.T.: 0.015 min
Response: 162384013
Conc: 45.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

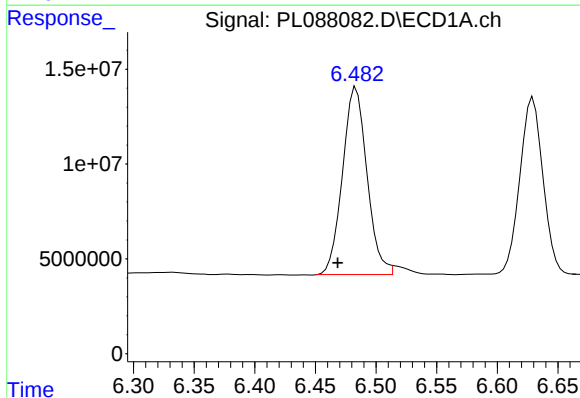
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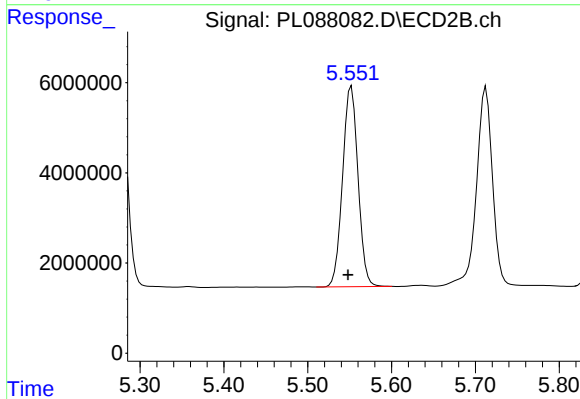
#13 Dieldrin

R.T.: 5.276 min
Delta R.T.: 0.004 min
Response: 66949847
Conc: 43.67 ng/ml



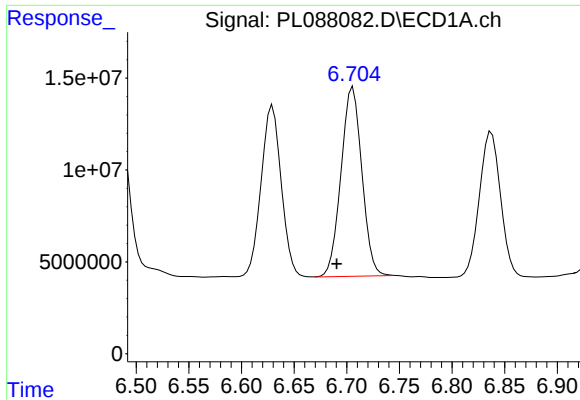
#14 Endrin

R.T.: 6.482 min
Delta R.T.: 0.014 min
Response: 138705115
Conc: 45.92 ng/ml m



#14 Endrin

R.T.: 5.552 min
Delta R.T.: 0.004 min
Response: 56965371
Conc: 42.06 ng/ml



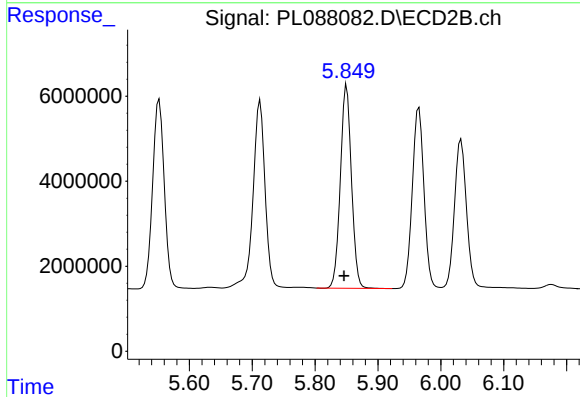
#15 Endosulfan II

R.T.: 6.704 min
Delta R.T.: 0.014 min
Response: 142677780
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

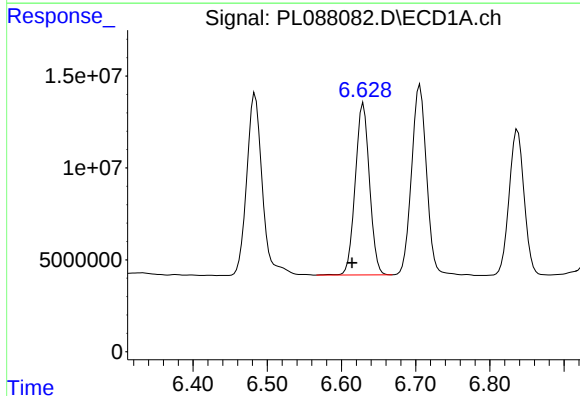
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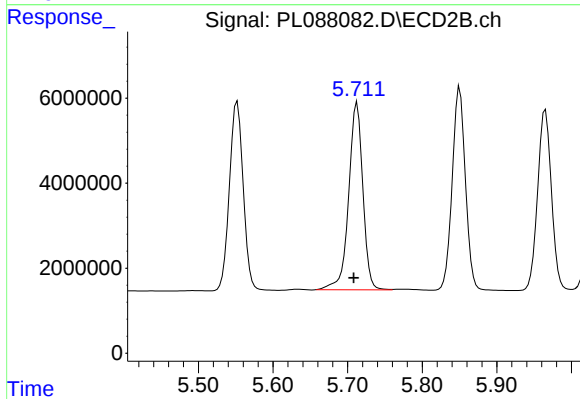
#15 Endosulfan II

R.T.: 5.850 min
Delta R.T.: 0.004 min
Response: 58789527
Conc: 45.10 ng/ml



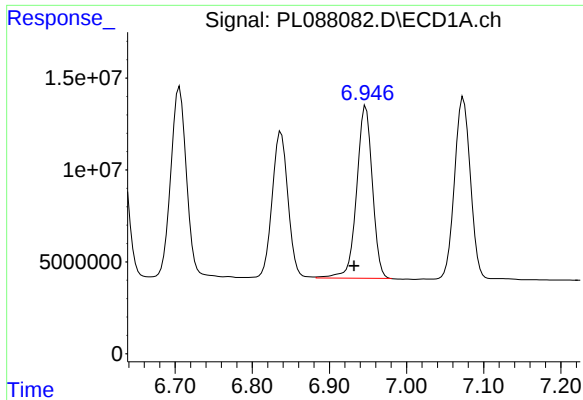
#16 4,4'-DDD

R.T.: 6.630 min
Delta R.T.: 0.015 min
Response: 124472707
Conc: 51.73 ng/ml



#16 4,4'-DDD

R.T.: 5.713 min
Delta R.T.: 0.004 min
Response: 58309654
Conc: 55.45 ng/ml



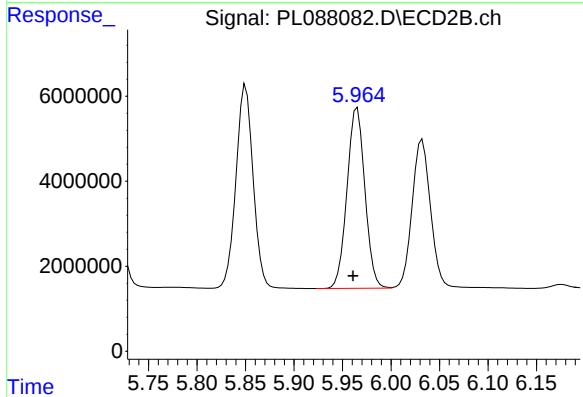
#17 4,4'-DDT

R.T.: 6.947 min
Delta R.T.: 0.015 min
Response: 133181345
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

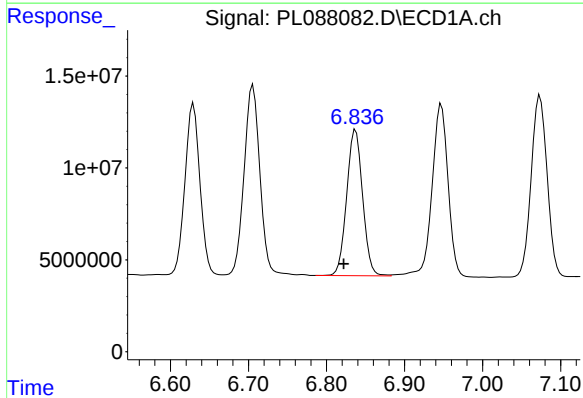
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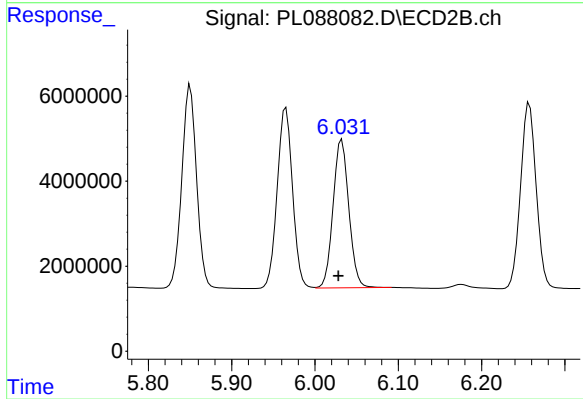
#17 4,4'-DDT

R.T.: 5.965 min
Delta R.T.: 0.004 min
Response: 54461990
Conc: 45.89 ng/ml



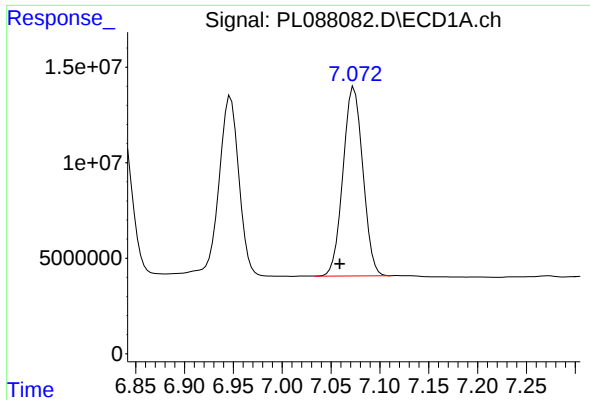
#18 Endrin aldehyde

R.T.: 6.837 min
Delta R.T.: 0.015 min
Response: 112737069
Conc: 48.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: 0.004 min
Response: 45882575
Conc: 45.44 ng/ml



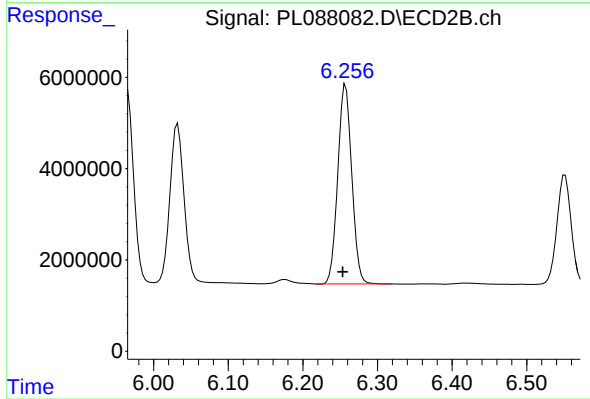
#19 Endosulfan Sulfate

R.T.: 7.074 min
Delta R.T.: 0.015 min
Response: 140310548
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

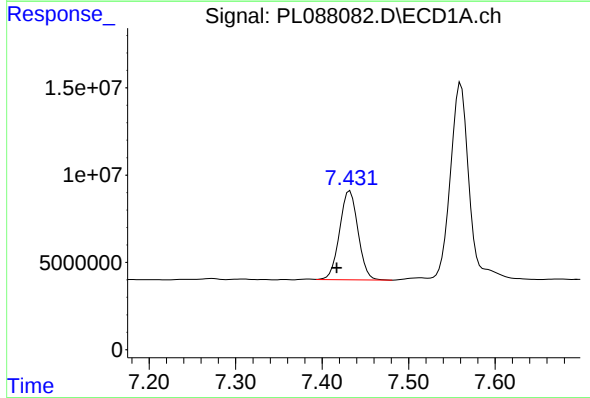
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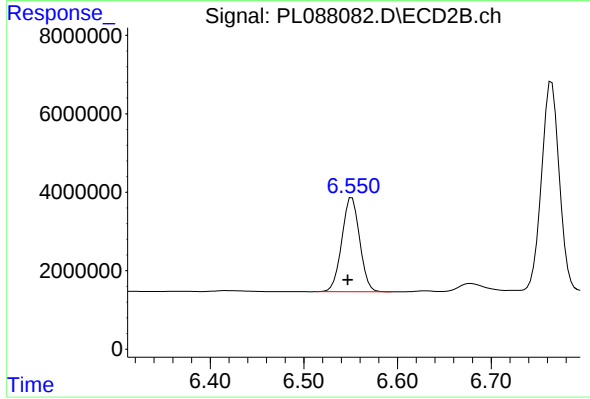
#19 Endosulfan Sulfate

R.T.: 6.257 min
Delta R.T.: 0.004 min
Response: 56952315
Conc: 44.85 ng/ml



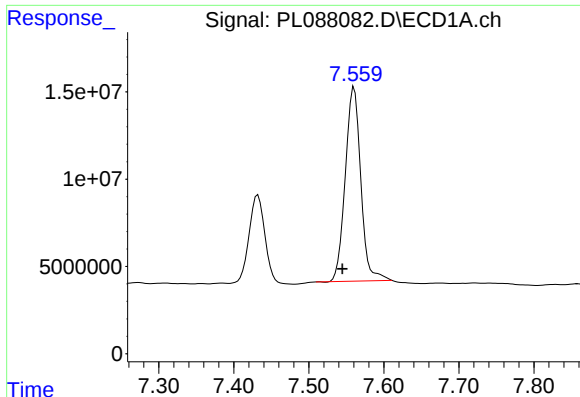
#20 Methoxychlor

R.T.: 7.432 min
Delta R.T.: 0.015 min
Response: 75172264
Conc: 48.38 ng/ml



#20 Methoxychlor

R.T.: 6.551 min
Delta R.T.: 0.004 min
Response: 31872756
Conc: 44.91 ng/ml



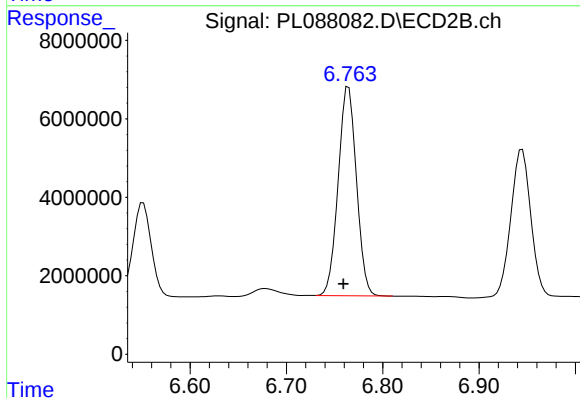
#21 Endrin ketone

R.T.: 7.560 min
Delta R.T.: 0.016 min
Response: 159964953
Conc: 52.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

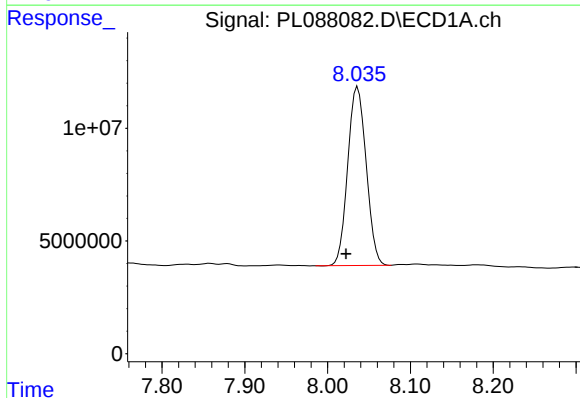
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2024
Supervised By :Ankita Jodhani 02/02/2024



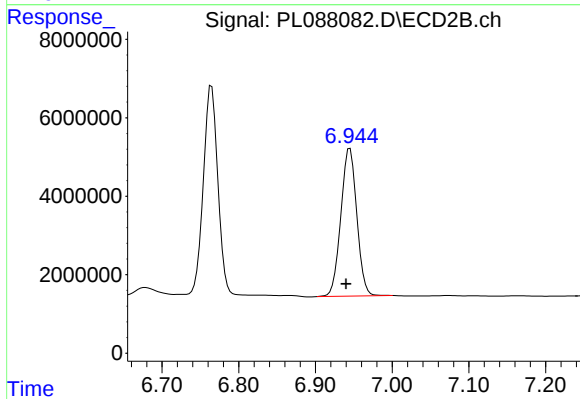
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: 0.006 min
Response: 70219048
Conc: 47.29 ng/ml



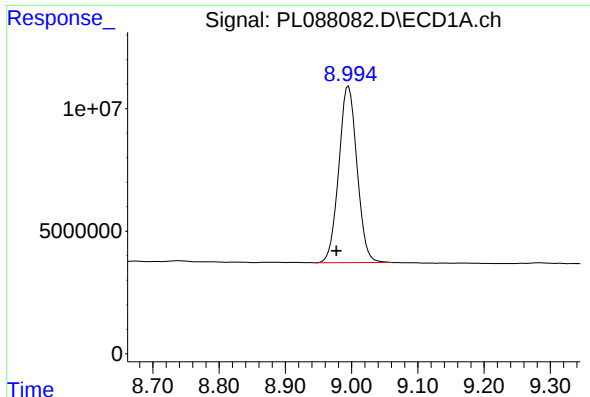
#22 Mirex

R.T.: 8.036 min
Delta R.T.: 0.014 min
Response: 122903795
Conc: 45.66 ng/ml



#22 Mirex

R.T.: 6.945 min
Delta R.T.: 0.005 min
Response: 54596137
Conc: 42.38 ng/ml



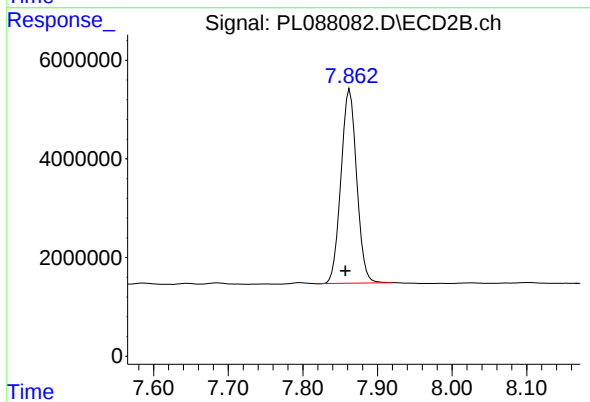
#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.017 min
Response: 137848977
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.863 min
Delta R.T.: 0.006 min
Response: 57476300
Conc: 47.26 ng/ml