

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022024\
 Data File : PL088162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2024 17:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/21/2024
 Supervised By :Ankita Jodhani 02/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:18:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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...	3.635	2.854	141.9E6	70966352	51.668	50.599
28)	SA Decachlor...	9.297	8.082	113.6E6	62906481	58.976	49.405
Target Compounds							
2)	A alpha-BHC	4.099	3.369	217.9E6	108.1E6	52.203	52.622
3)	MA gamma-BHC...	4.437	3.705	209.3E6	104.0E6	51.687	51.945
4)	MA Heptachlor	5.037	4.054	196.5E6	96508639	51.069	52.975
5)	MB Aldrin	5.384	4.339	196.4E6	105.6E6	51.442	54.437
6)	B beta-BHC	4.634	4.007	94108000	45407822	54.034	51.015
7)	B delta-BHC	4.886	4.240	215.1E6	107.0E6	56.524	53.663m
8)	B Heptachlo...	5.814	4.850	182.5E6	90112058	52.082m	51.945
9)	A Endosulfan I	6.207	5.225	159.8E6	78699527	51.052	48.910
10)	B gamma-Chl...	6.074	5.104	174.8E6	92102742	51.439	51.633
11)	B alpha-Chl...	6.155	5.169	174.3E6	91874538	51.083	51.573
12)	B 4,4'-DDE	6.329	5.362	155.9E6	83377780	51.389	52.458
13)	MA Dieldrin	6.485	5.495	169.6E6	90676969	51.589	52.555
14)	MA Endrin	6.715	5.773	128.8E6	75370577	49.519m	50.410
15)	B Endosulfa...	6.936	6.071	144.6E6	78534756	50.482m	51.552
16)	A 4,4'-DDD	6.850	5.924	128.7E6	71881757	49.603m	52.614
17)	MA 4,4'-DDT	7.170	6.178	122.8E6	68073118	46.724	49.862
18)	B Endrin al...	7.069	6.253	109.2E6	58040669	52.821	53.143
19)	B Endosulfa...	7.306	6.479	139.6E6	74195269	53.602	52.829
20)	A Methoxychlor	7.650	6.761	66725468	36863767	50.408	47.035
21)	B Endrin ke...	7.797	6.991	153.1E6	88378189	54.652	52.788
22)	Mirex	8.278	7.177	116.3E6	66437724	50.175	50.711

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022024\
Data File : PL088162.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2024 17:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

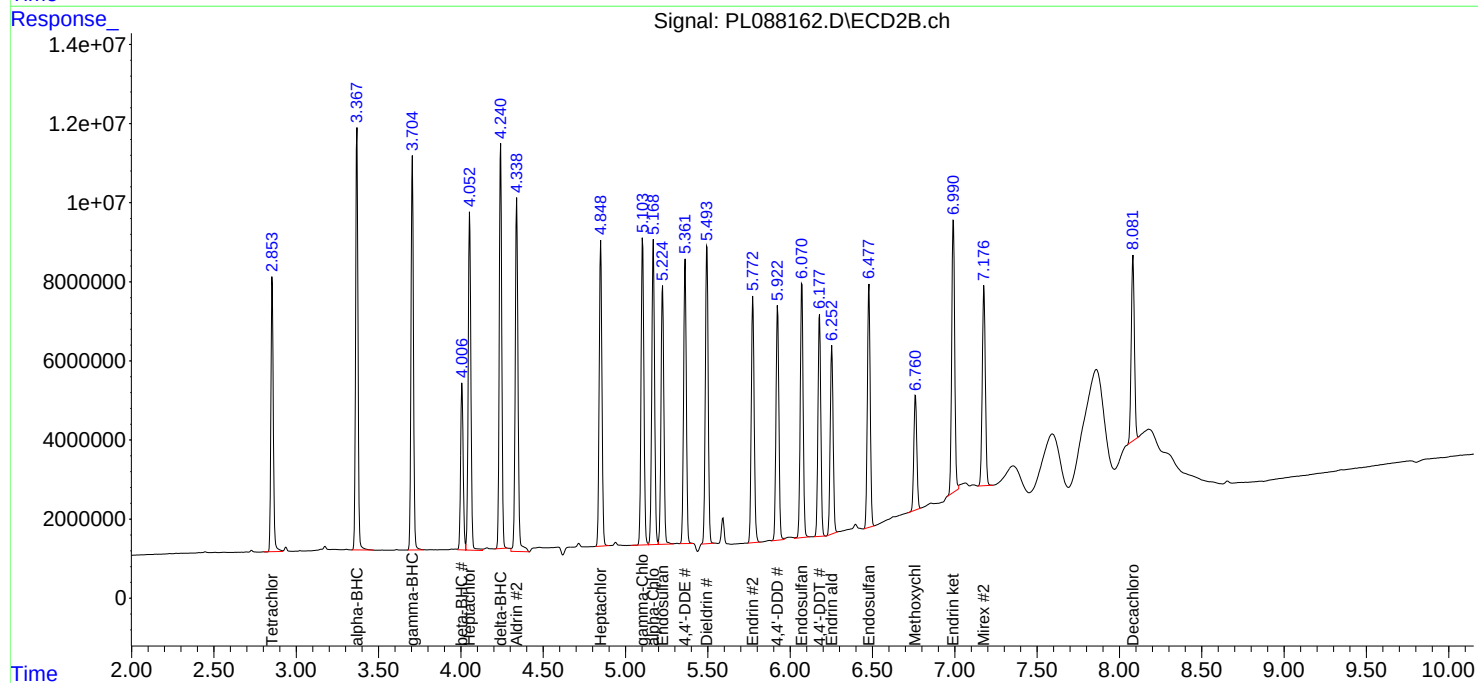
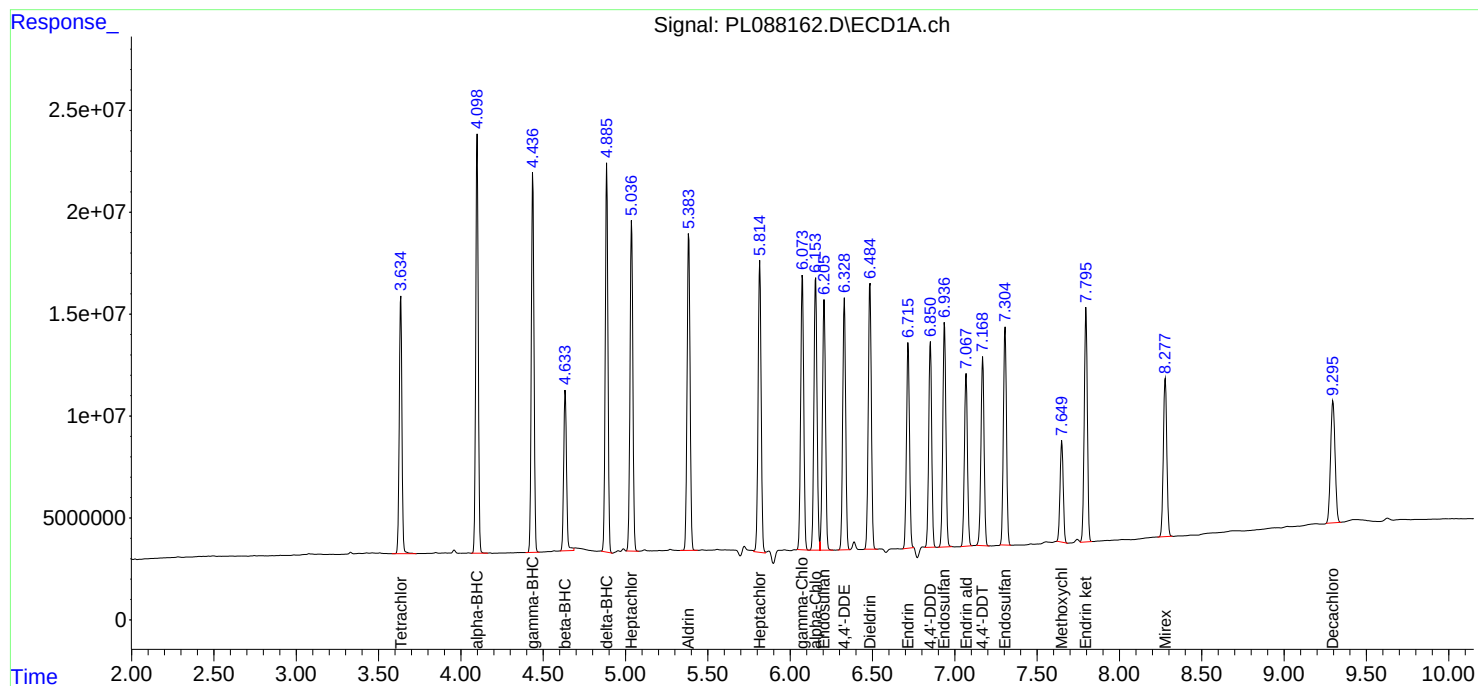
APPROVED

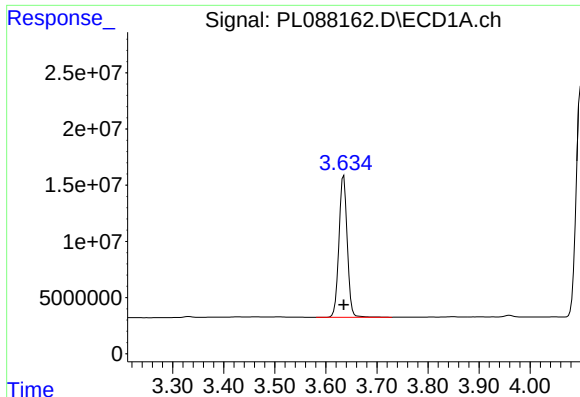
Reviewed By :Abdul Mirza 02/21/2024

Supervised By :Ankita Jodhani 02/21/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 00:18:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
Response via : Initial Calibration
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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





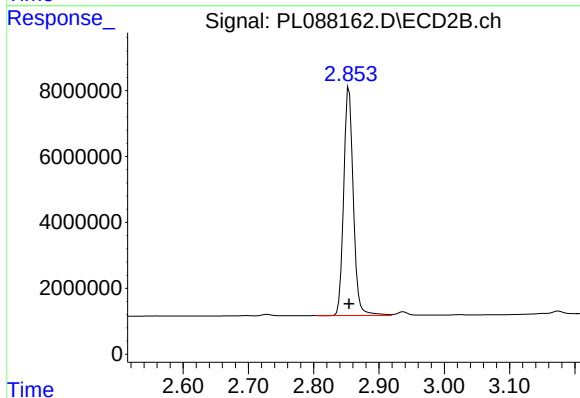
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 141916193
Conc: 51.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

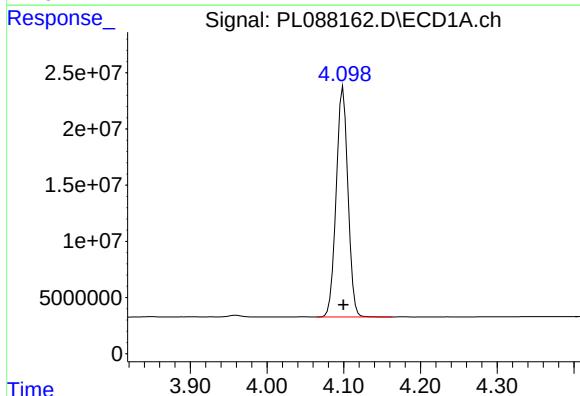
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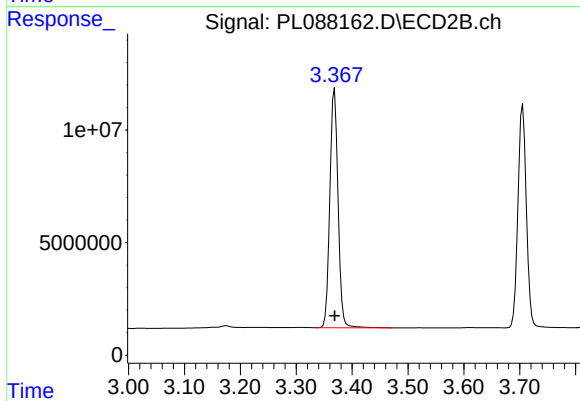
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 70966352
Conc: 50.60 ng/ml



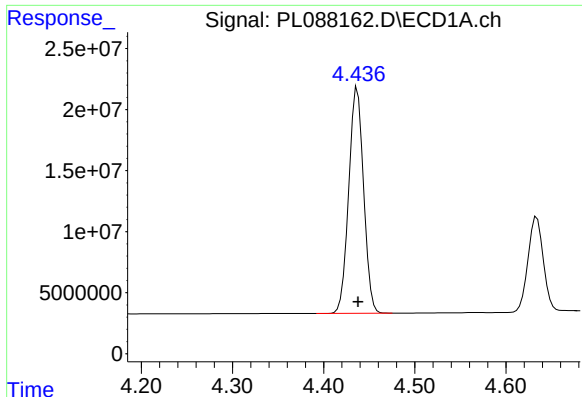
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 217908567
Conc: 52.20 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 108128899
Conc: 52.62 ng/ml



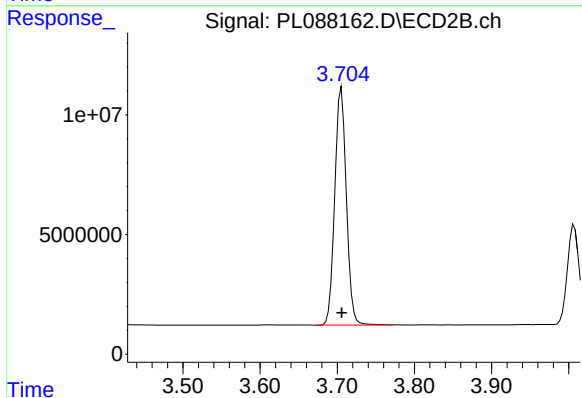
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 209307030
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

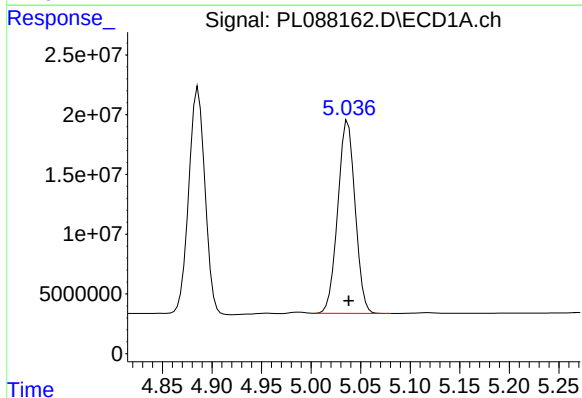
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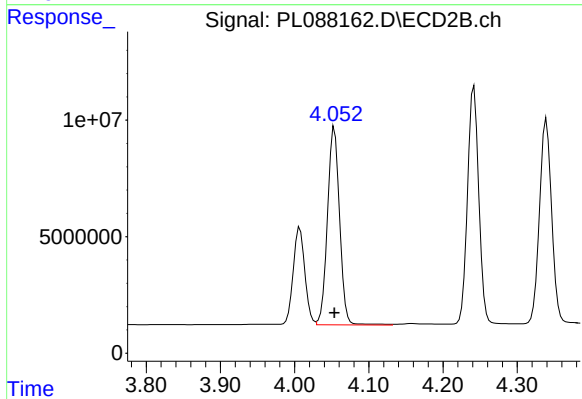
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 104022213
Conc: 51.95 ng/ml



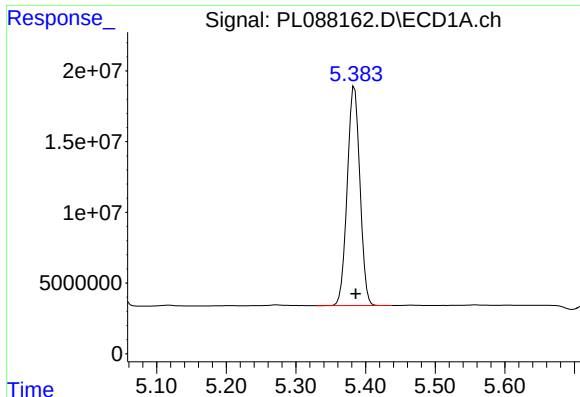
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 196529251
Conc: 51.07 ng/ml



#4 Heptachlor

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 96508639
Conc: 52.98 ng/ml



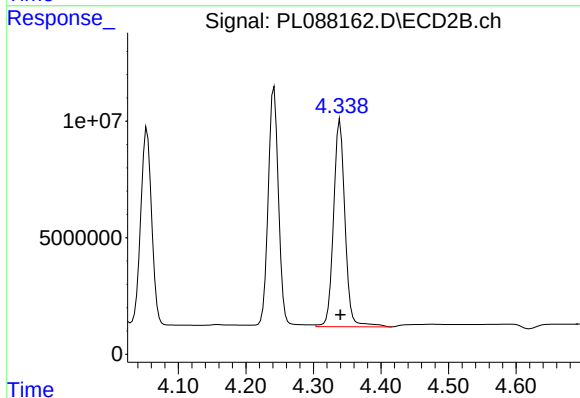
#5 Aldrin

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 196421563
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

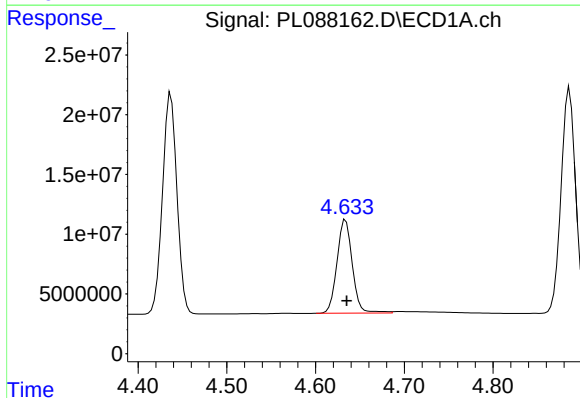
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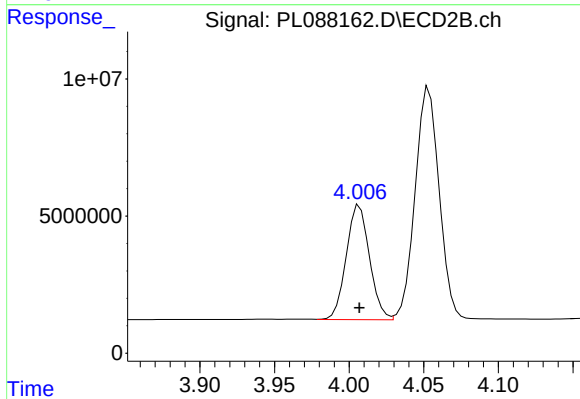
#5 Aldrin

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 105577564
Conc: 54.44 ng/ml



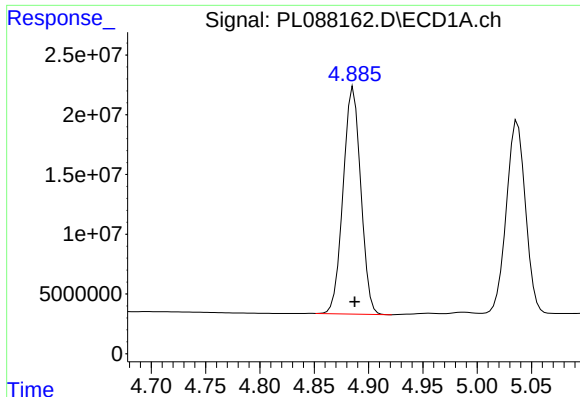
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 94108000
Conc: 54.03 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 45407822
Conc: 51.02 ng/ml



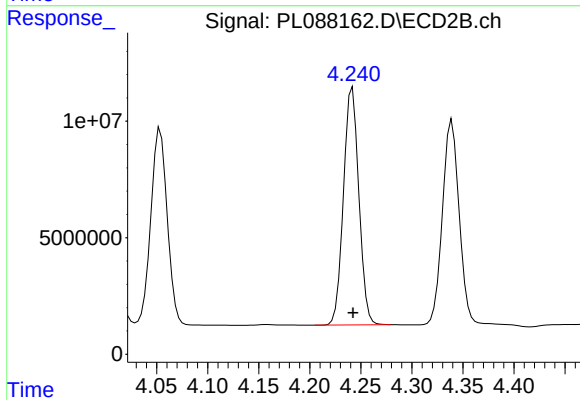
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: -0.001 min
Response: 215060107
Conc: 56.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

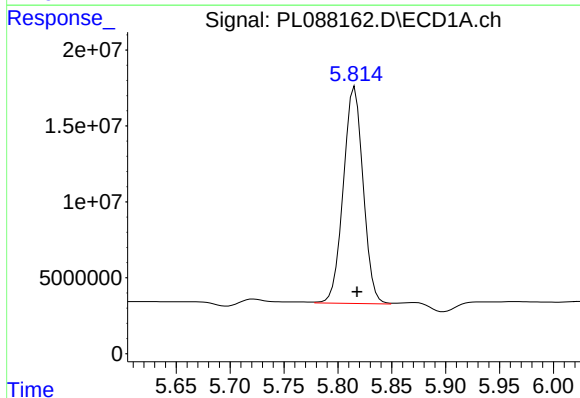
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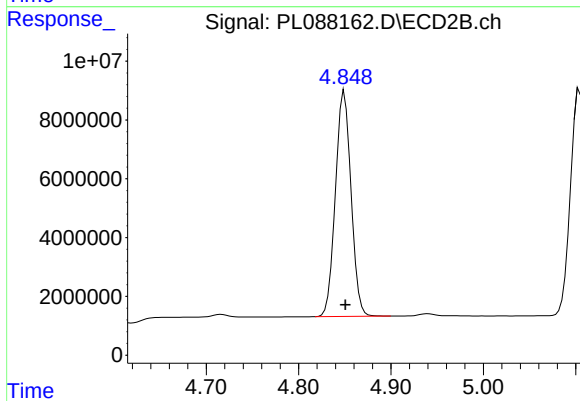
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: -0.002 min
Response: 107046194
Conc: 53.66 ng/ml m



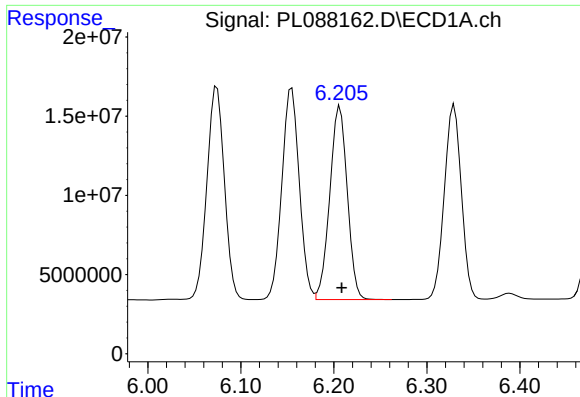
#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.004 min
Response: 182475889
Conc: 52.08 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 90112058
Conc: 51.94 ng/ml



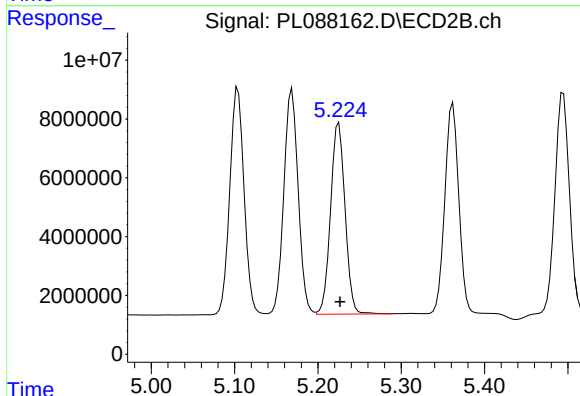
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 159787851
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

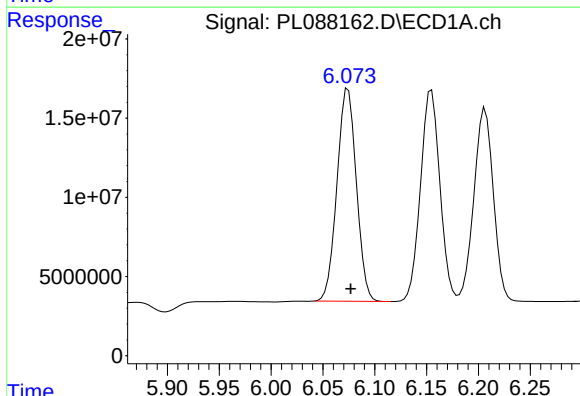
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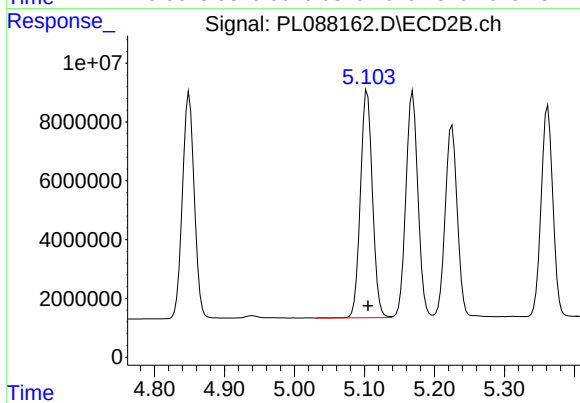
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 78699527
Conc: 48.91 ng/ml



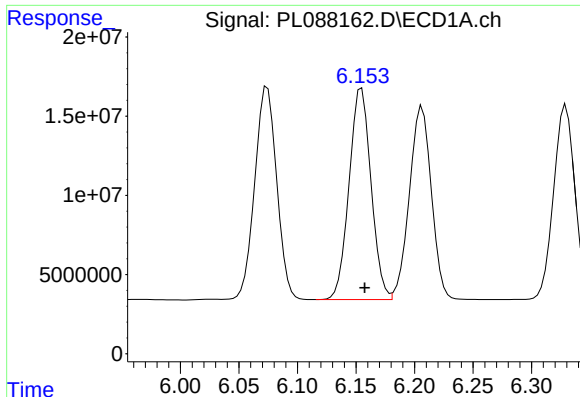
#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 174804902
Conc: 51.44 ng/ml



#10 gamma-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.001 min
Response: 92102742
Conc: 51.63 ng/ml



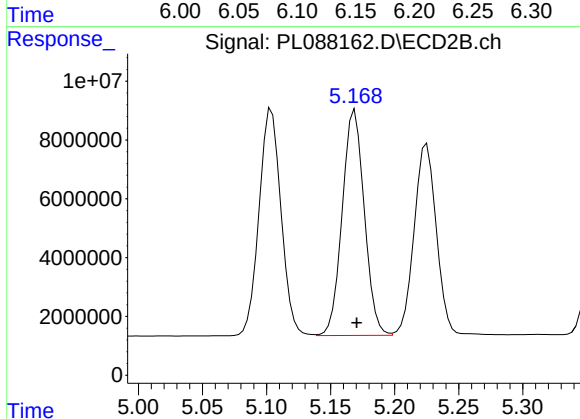
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.003 min
Response: 174332861
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

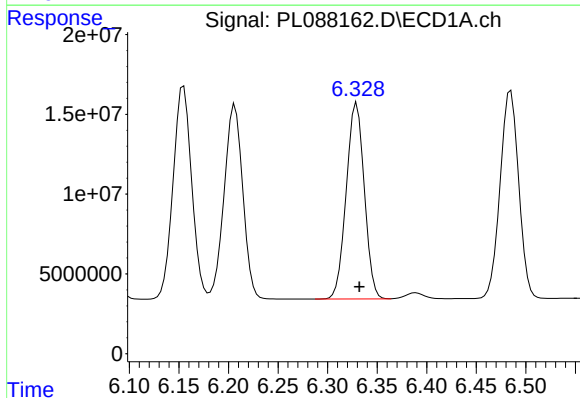
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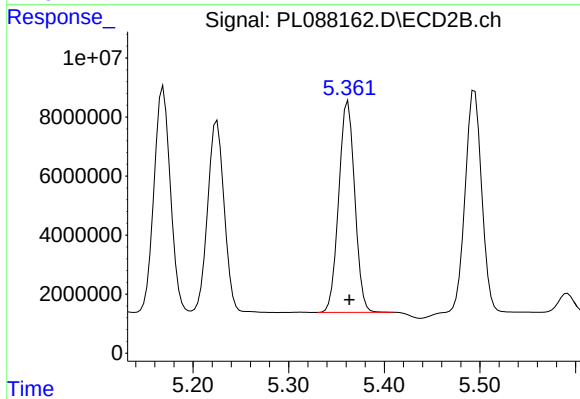
#11 alpha-Chlordane

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 91874538
Conc: 51.57 ng/ml



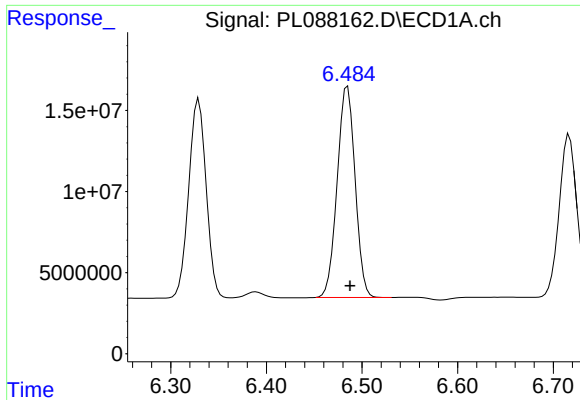
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 155855763
Conc: 51.39 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 83377780
Conc: 52.46 ng/ml



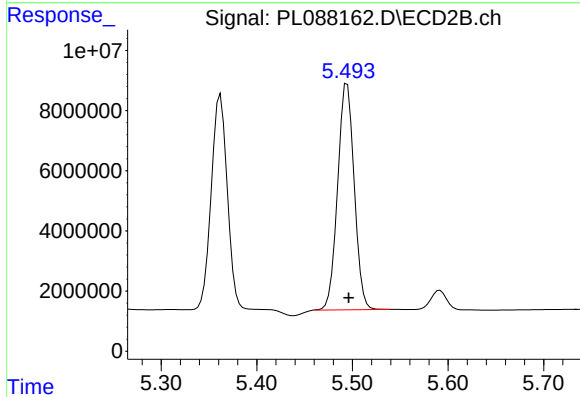
#13 Dieldrin

R.T.: 6.485 min
Delta R.T.: -0.003 min
Response: 169632912
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

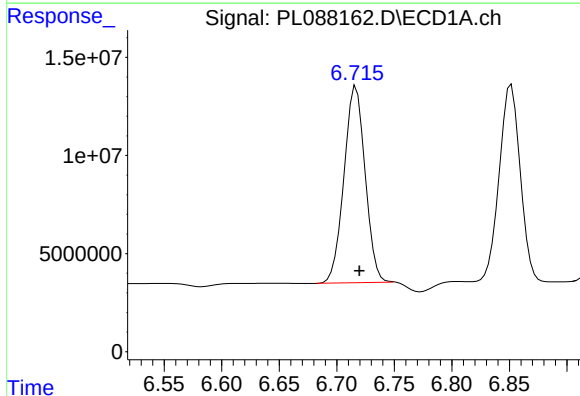
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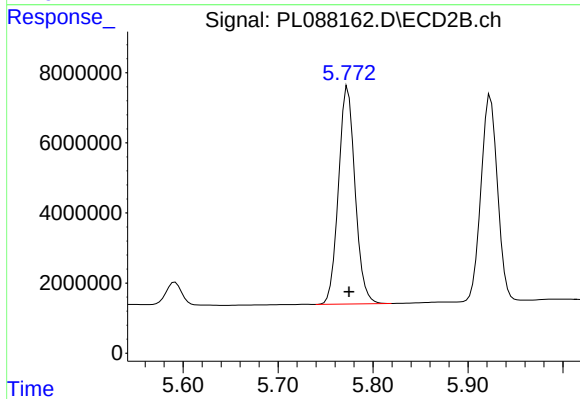
#13 Dieldrin

R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 90676969
Conc: 52.56 ng/ml



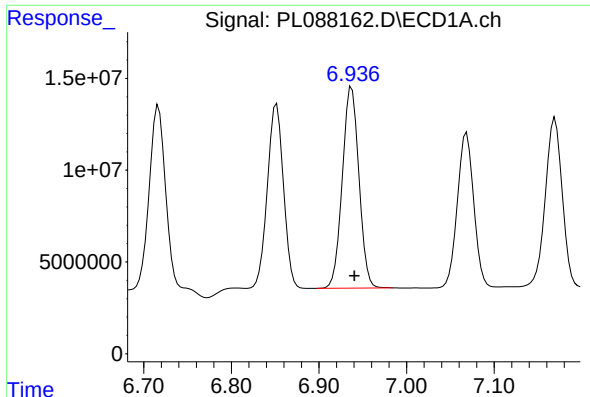
#14 Endrin

R.T.: 6.715 min
Delta R.T.: -0.004 min
Response: 128780679
Conc: 49.52 ng/ml m



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 75370577
Conc: 50.41 ng/ml



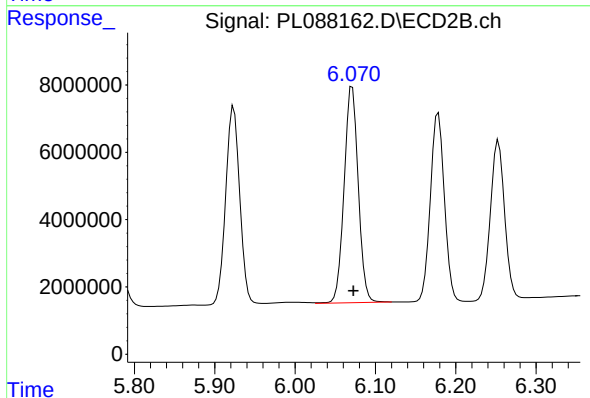
#15 Endosulfan II

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 144575092
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

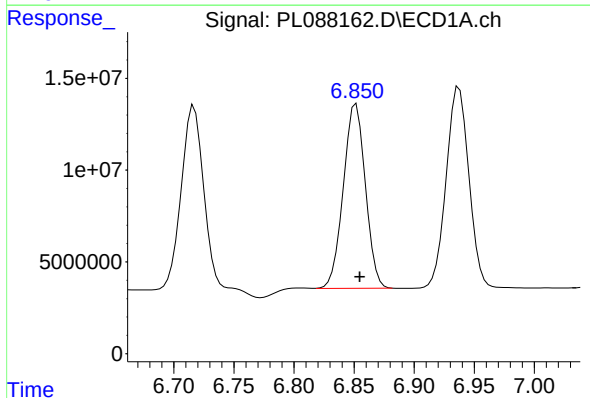
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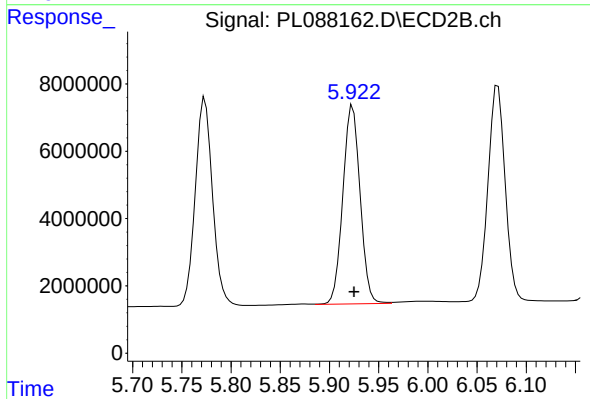
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 78534756
Conc: 51.55 ng/ml



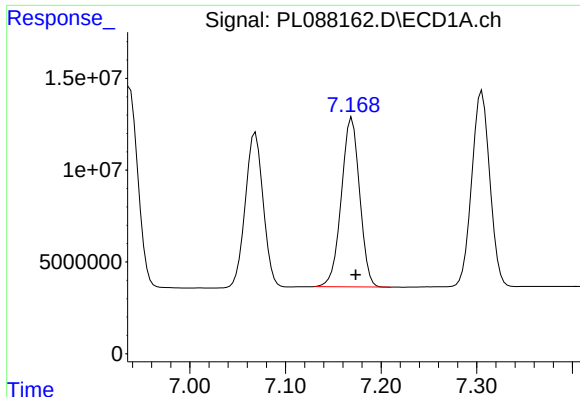
#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 128655403
Conc: 49.60 ng/ml m



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 71881757
Conc: 52.61 ng/ml



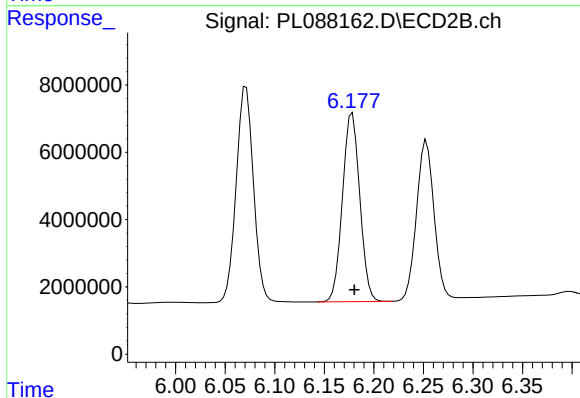
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 122846956
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

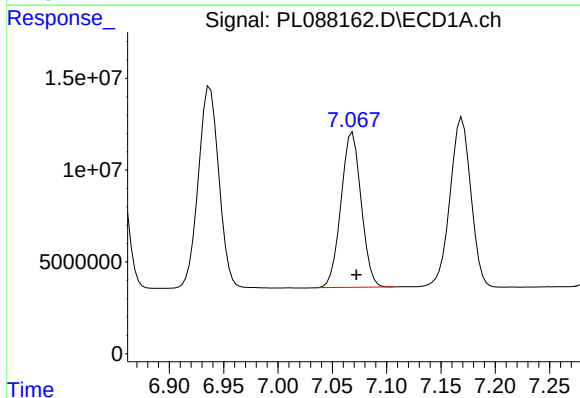
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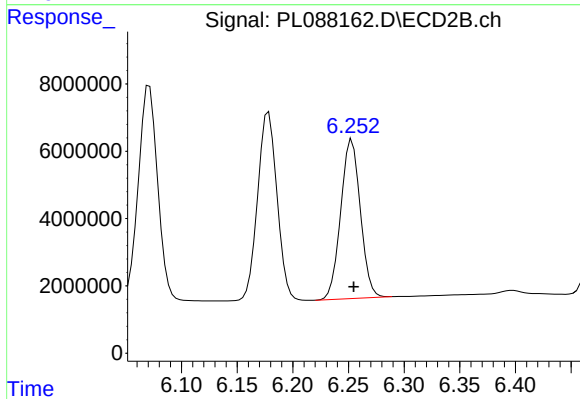
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 68073118
Conc: 49.86 ng/ml



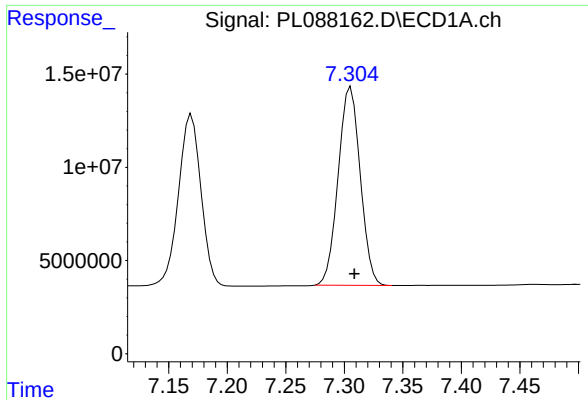
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 109216515
Conc: 52.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 58040669
Conc: 53.14 ng/ml



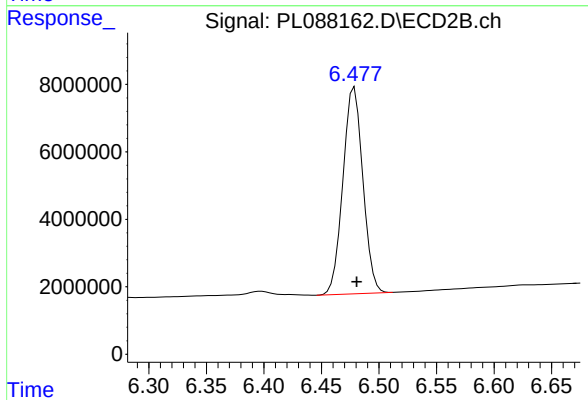
#19 Endosulfan Sulfate

R.T.: 7.306 min
Delta R.T.: -0.003 min
Response: 139642907
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

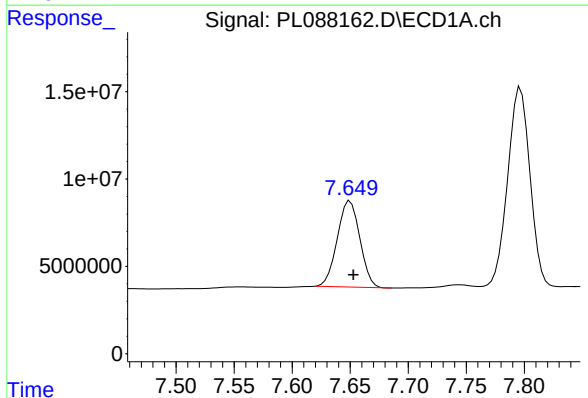
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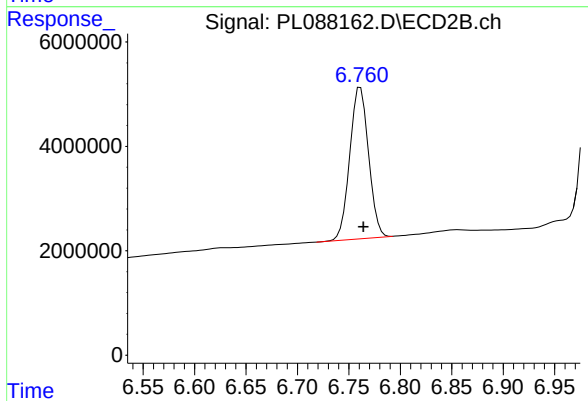
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 74195269
Conc: 52.83 ng/ml



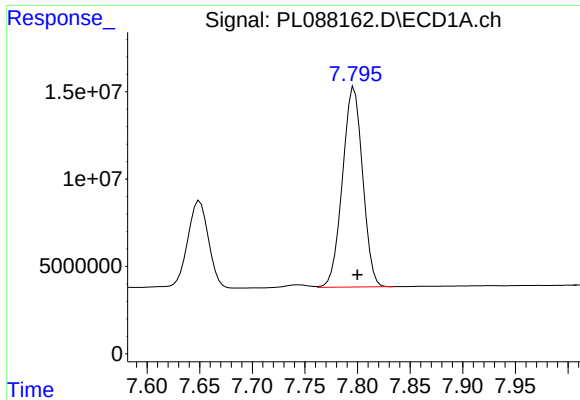
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 66725468
Conc: 50.41 ng/ml



#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 36863767
Conc: 47.03 ng/ml



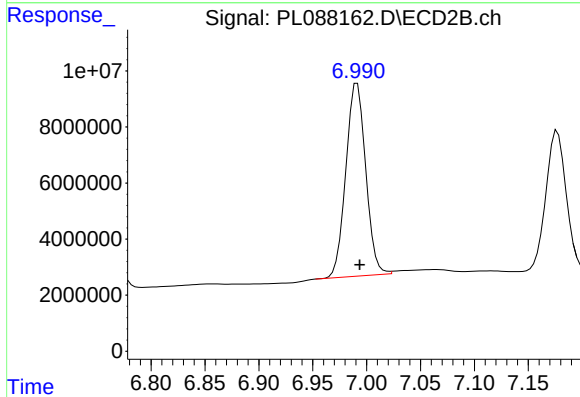
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 153087885
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

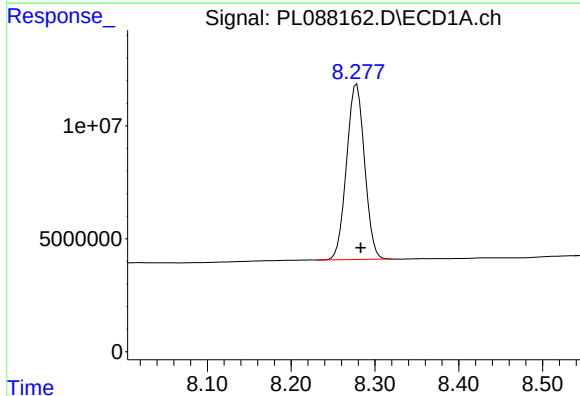
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Supervised By :Ankita Jodhani 02/21/2024



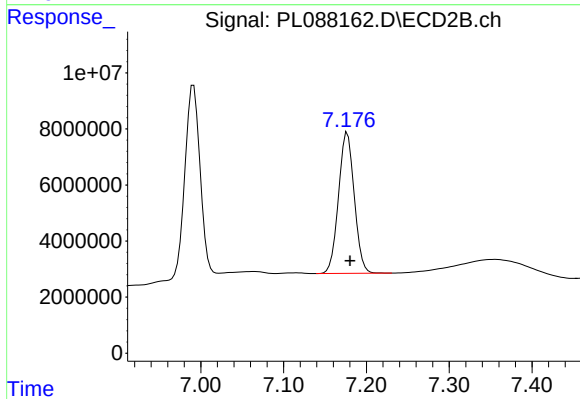
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 88378189
Conc: 52.79 ng/ml



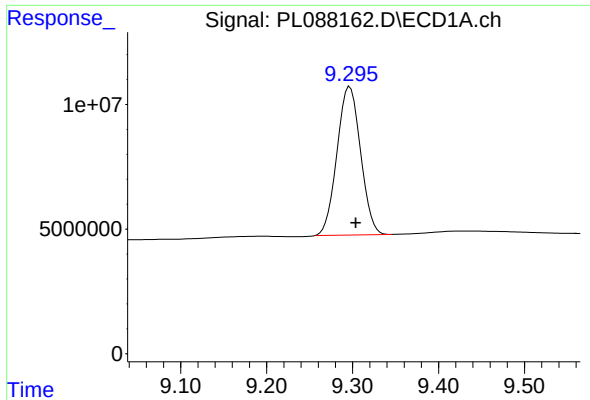
#22 Mirex

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 116265254
Conc: 50.18 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 66437724
Conc: 50.71 ng/ml



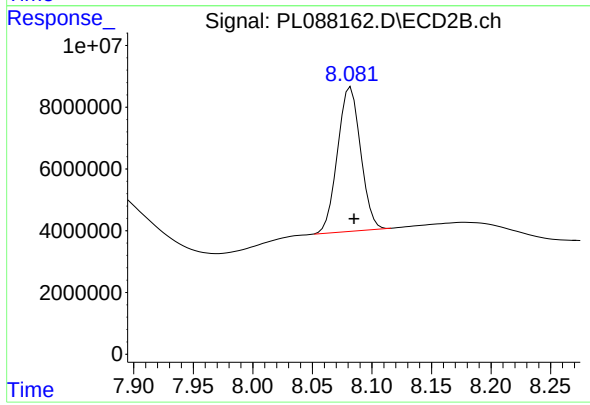
#28 Decachlorobiphenyl

R.T.: 9.297 min
Delta R.T.: -0.007 min
Response: 113584160
Conc: 58.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2024
Supervised By :Ankita Jodhani 02/21/2024



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 62906481
Conc: 49.40 ng/ml