

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087387.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 20:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2023
 Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 05:08:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 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...	3.422	2.678	205.1E6	83881730	54.506	49.832
28)	SA Decachlor...	8.978	7.866	187.9E6	83888410	55.117	49.669
Target Compounds							
2)	A alpha-BHC	3.879	3.181	301.5E6	125.4E6	55.685	51.039m
3)	MA gamma-BHC...	4.212	3.513	286.2E6	120.3E6	54.452	49.648
4)	MA Heptachlor	4.803	3.855	277.5E6	114.0E6	52.088m	47.697
5)	MB Aldrin	5.147	4.136	274.2E6	115.2E6	52.656	48.057
6)	B beta-BHC	4.411	3.814	120.2E6	50439512	52.323	48.453
7)	B delta-BHC	4.656	4.044	283.6E6	121.7E6	54.238m	49.731
8)	B Heptachlo...	5.578	4.643	246.6E6	104.1E6	52.320	46.771
9)	A Endosulfan I	5.964	5.014	232.0E6	98956644	51.948	45.788
10)	B gamma-Chl...	5.834	4.896	249.4E6	106.0E6	51.436m	46.352
11)	B alpha-Chl...	5.914	4.961	245.0E6	107.2E6	50.980m	46.434
12)	B 4,4'-DDE	6.097	5.159	214.5E6	92911475	51.763	46.795
13)	MA Dieldrin	6.242	5.280	233.4E6	97800892	50.284	43.901m
14)	MA Endrin	6.471	5.556	182.2E6	91025510	47.367	45.612
15)	B Endosulfa...	6.693	5.854	196.1E6	85552329	48.905	43.940
16)	A 4,4'-DDD	6.617	5.717	183.1E6	82820956	55.406	50.020
17)	MA 4,4'-DDT	6.934	5.970	173.0E6	77949194	45.996	42.264
18)	B Endrin al...	6.824	6.036	149.3E6	68095558	51.517	46.399
19)	B Endosulfa...	7.061	6.261	194.4E6	87858654	49.499	46.639
20)	A Methoxychlor	7.419	6.555	88845187	42995514	45.563	42.095
21)	B Endrin ke...	7.547	6.765	199.1E6	105.8E6	48.938	49.684m
22)	Mirex	8.024	6.948	164.4E6	81815125	48.807	45.986

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
Data File : PL087387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Dec 2023 20:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

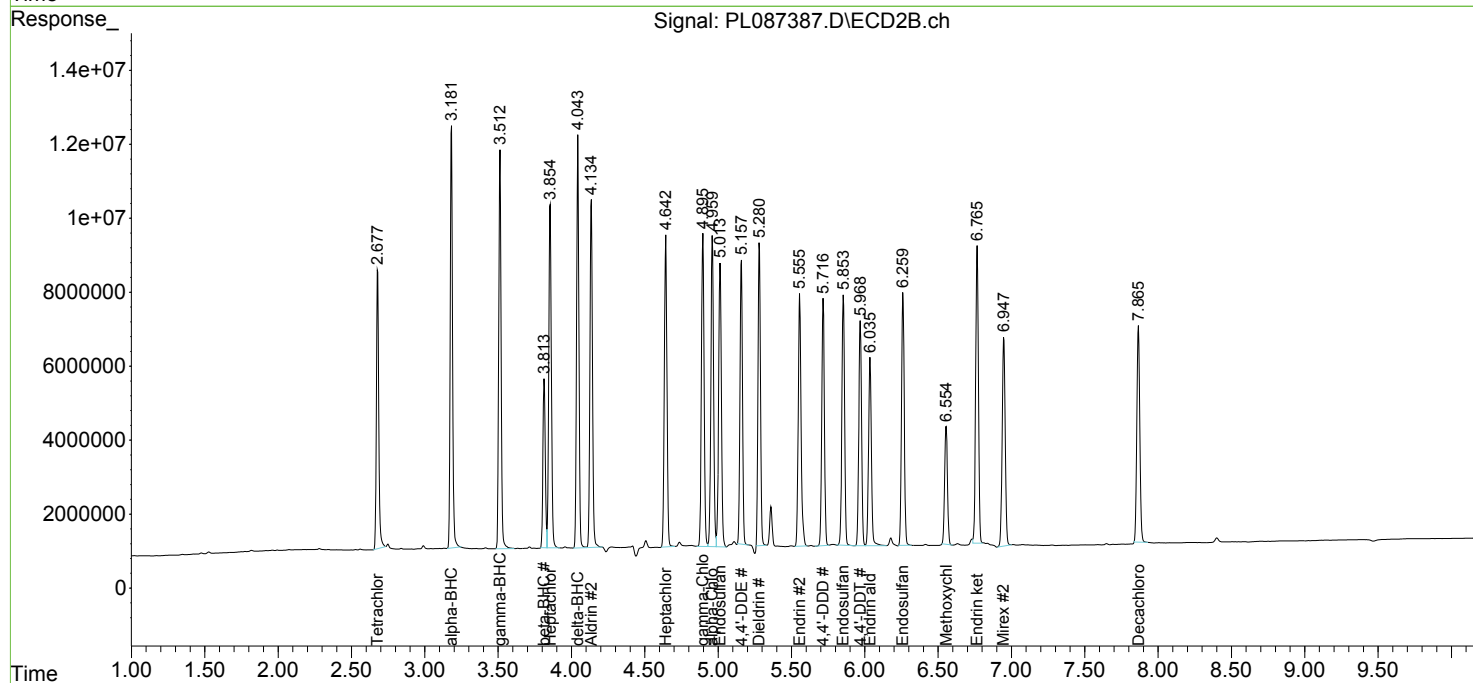
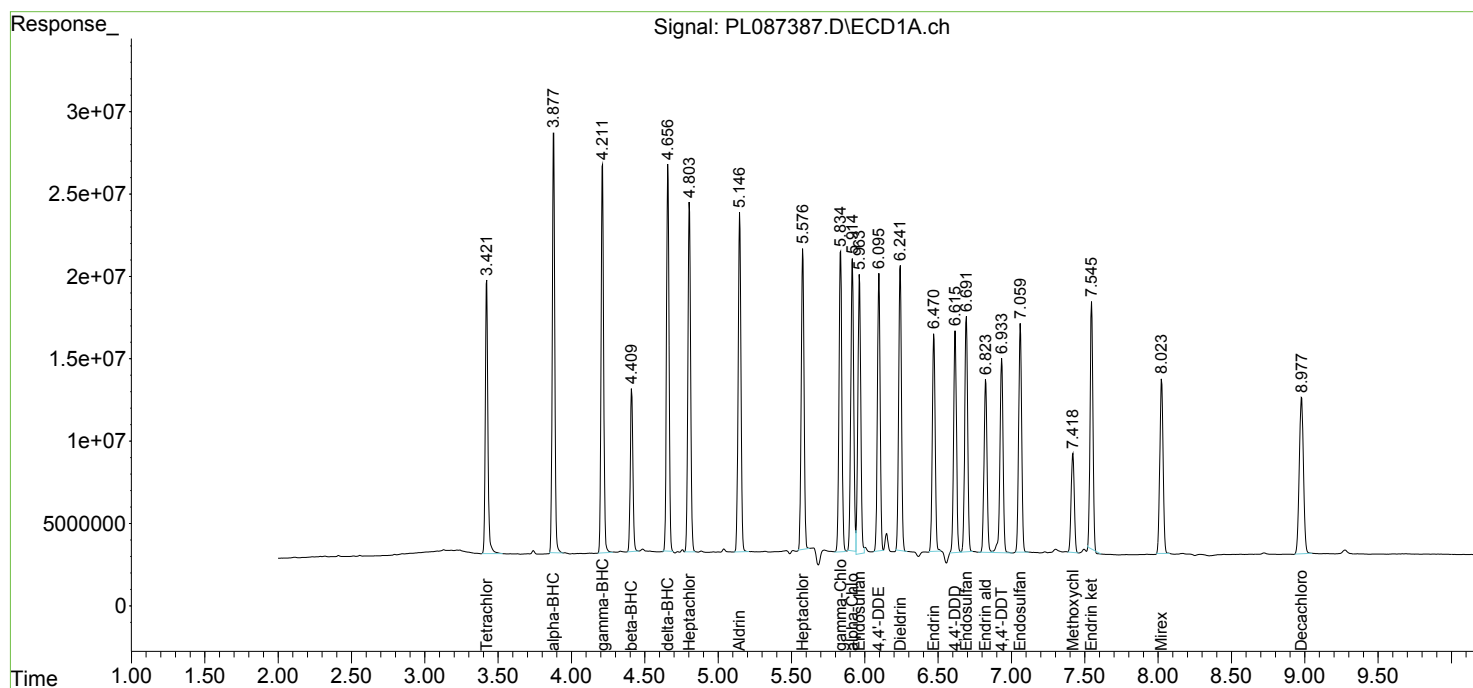
APPROVED

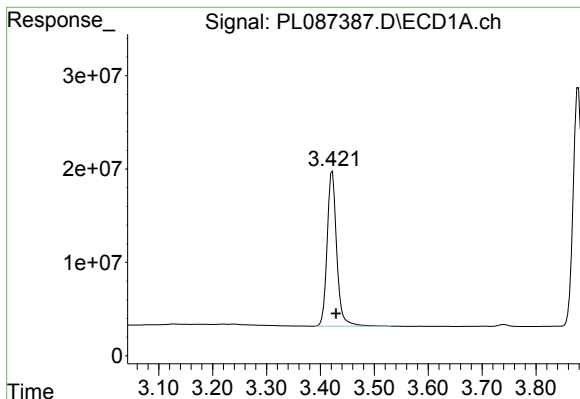
Reviewed By :Abdul Mirza 12/26/2023

Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 23 05:08:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
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





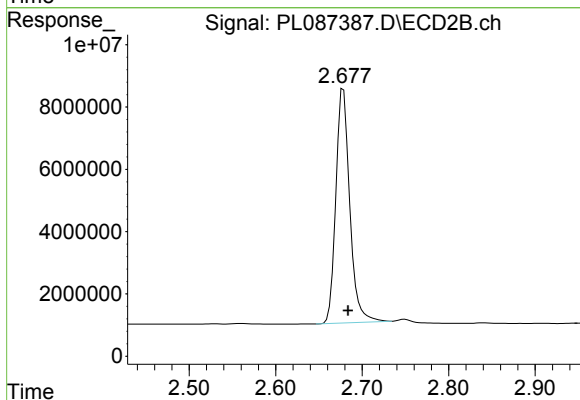
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 205130168
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

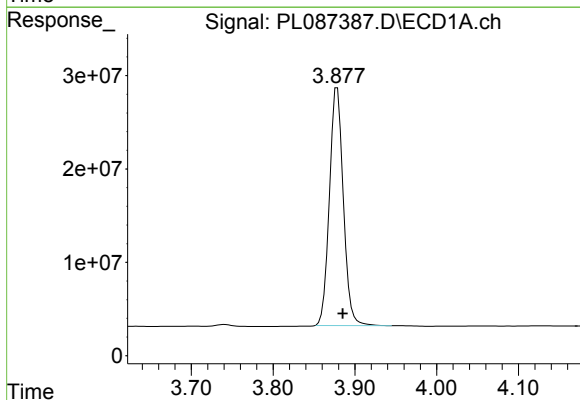
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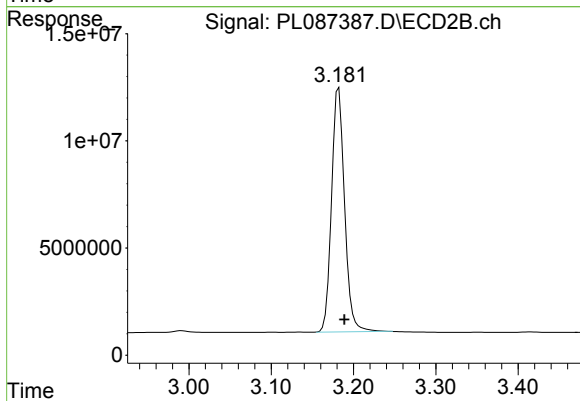
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.005 min
Response: 83881730
Conc: 49.83 ng/ml



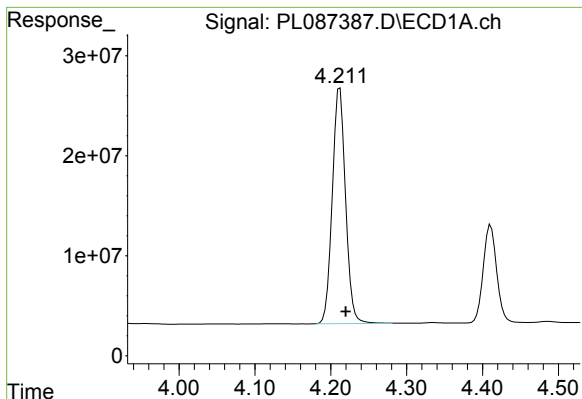
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.007 min
Response: 301484281
Conc: 55.68 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 125434135
Conc: 51.04 ng/ml m



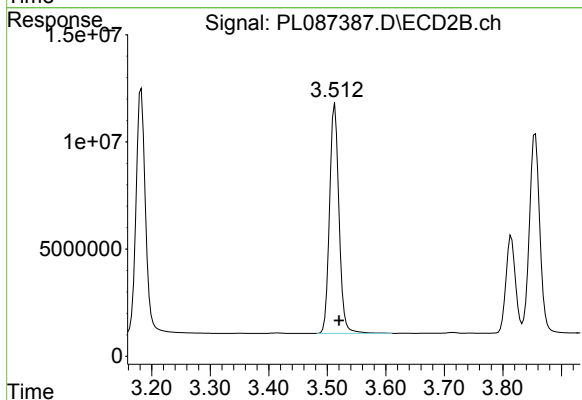
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 286184976
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

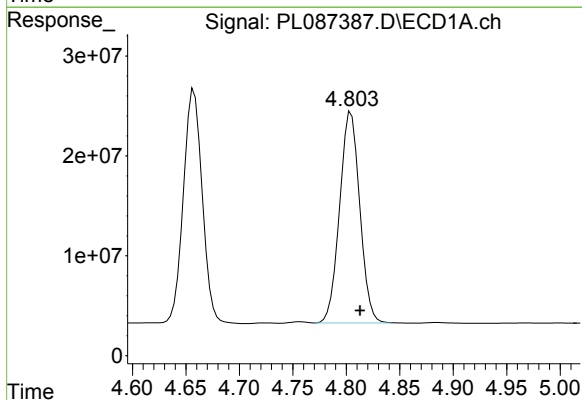
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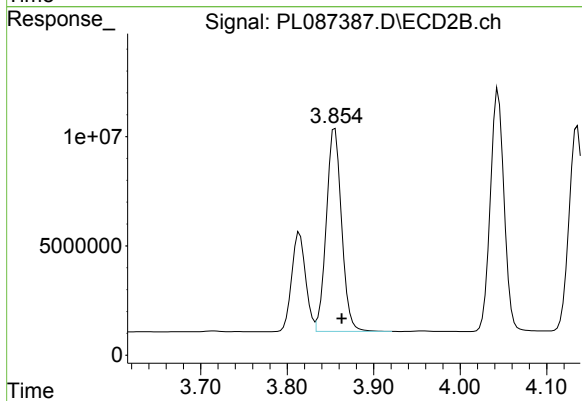
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 120266562
Conc: 49.65 ng/ml



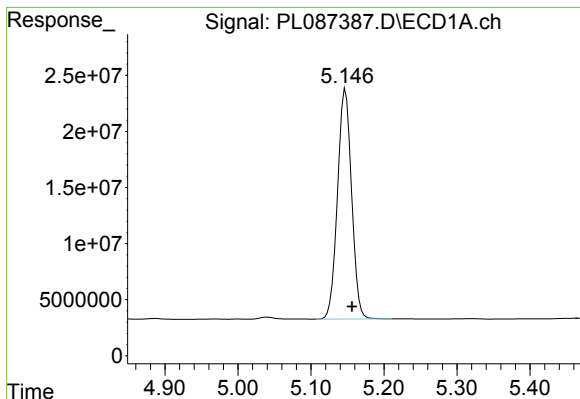
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 277453349
Conc: 52.09 ng/ml m



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 114009877
Conc: 47.70 ng/ml



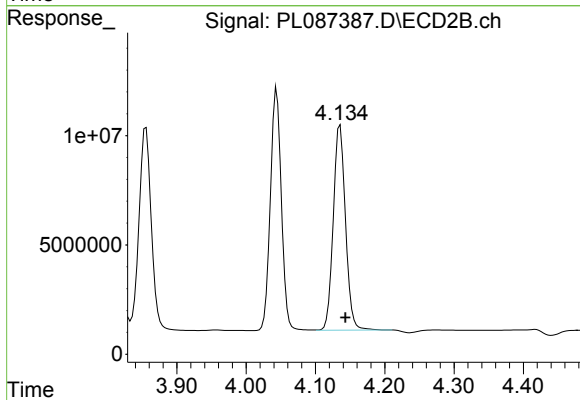
#5 Aldrin

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 274150403
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

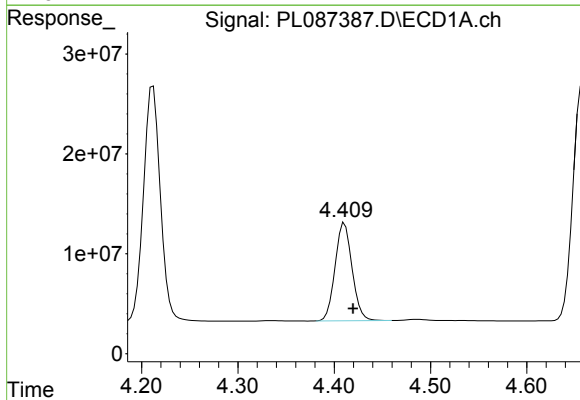
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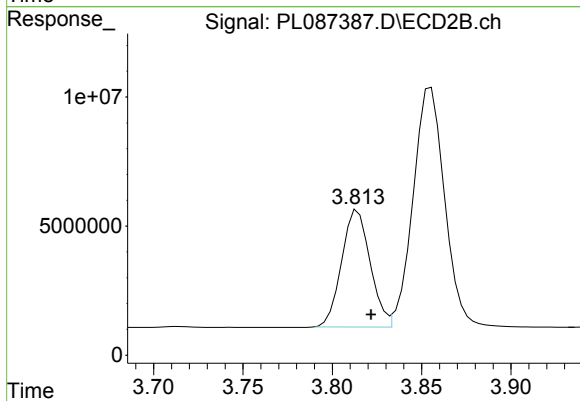
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.008 min
Response: 115230133
Conc: 48.06 ng/ml



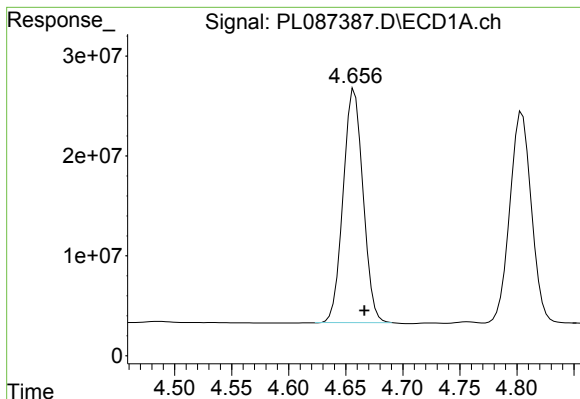
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.009 min
Response: 120174528
Conc: 52.32 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 50439512
Conc: 48.45 ng/ml



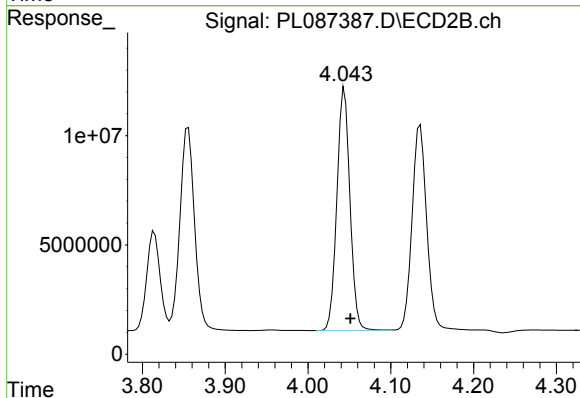
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 283629697
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

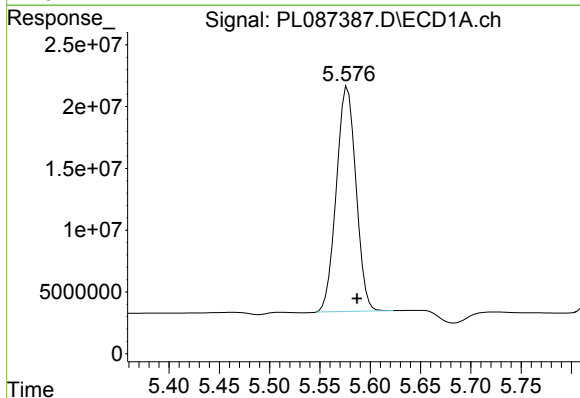
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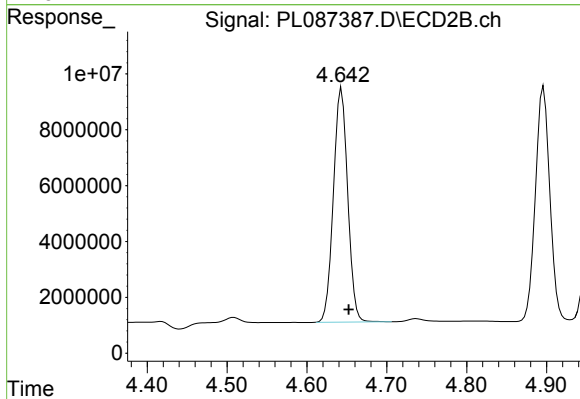
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.007 min
Response: 121651832
Conc: 49.73 ng/ml



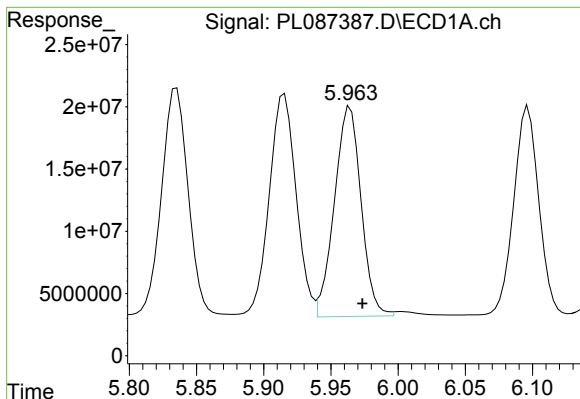
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 246573919
Conc: 52.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.643 min
Delta R.T.: -0.009 min
Response: 104080236
Conc: 46.77 ng/ml



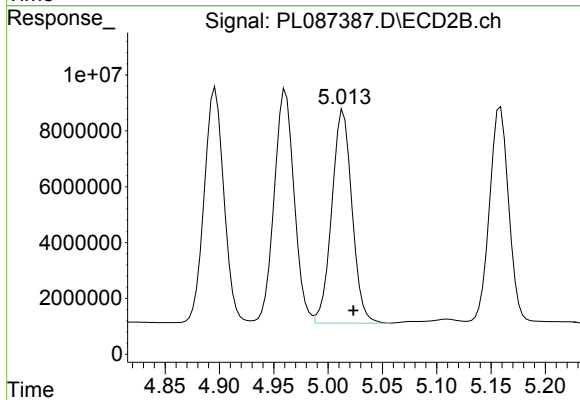
#9 Endosulfan I

R.T.: 5.964 min
Delta R.T.: -0.009 min
Response: 232015304
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

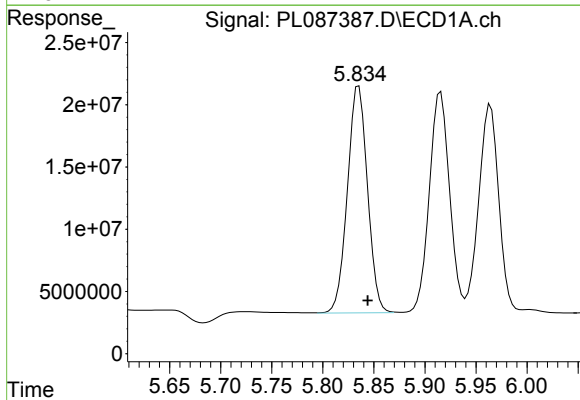
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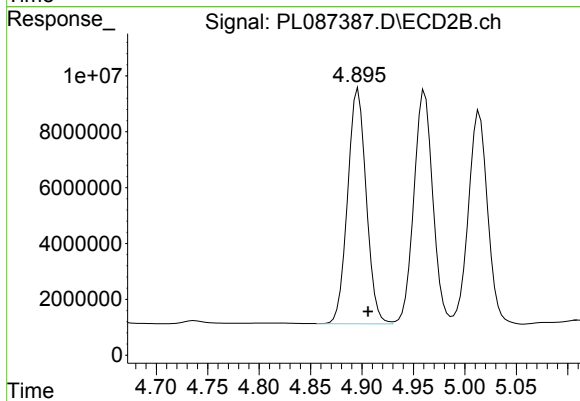
#9 Endosulfan I

R.T.: 5.014 min
Delta R.T.: -0.009 min
Response: 98956644
Conc: 45.79 ng/ml



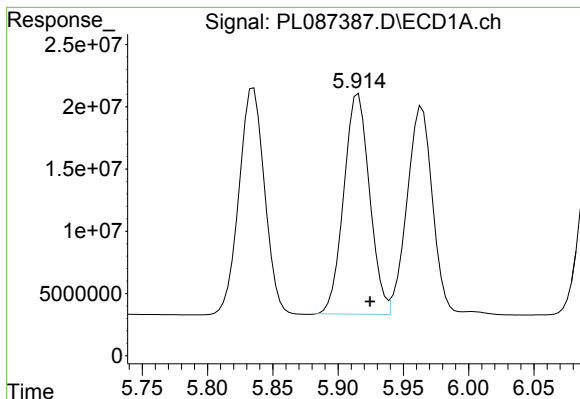
#10 gamma-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.010 min
Response: 249362581
Conc: 51.44 ng/ml m



#10 gamma-Chlordane

R.T.: 4.896 min
Delta R.T.: -0.010 min
Response: 106021855
Conc: 46.35 ng/ml



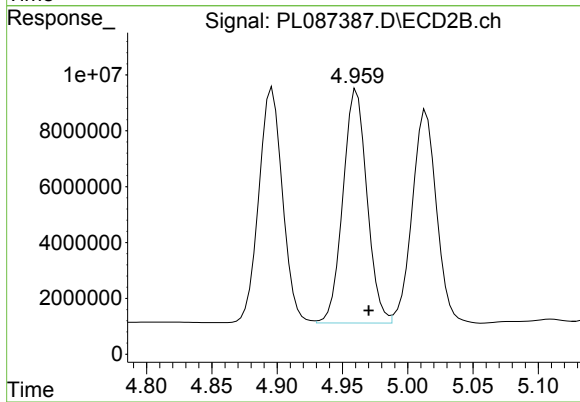
#11 alpha-Chlordane

R.T.: 5.914 min
Delta R.T.: -0.010 min
Response: 245017761
Conc: 50.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

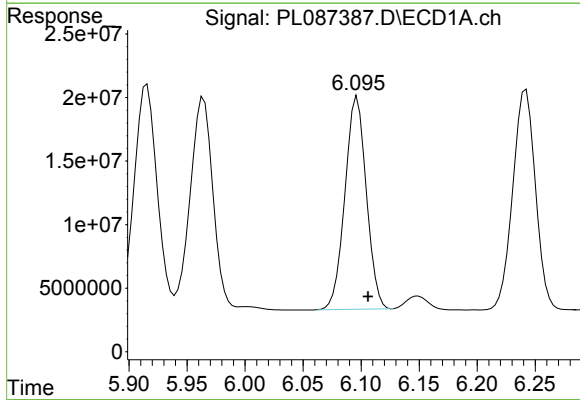
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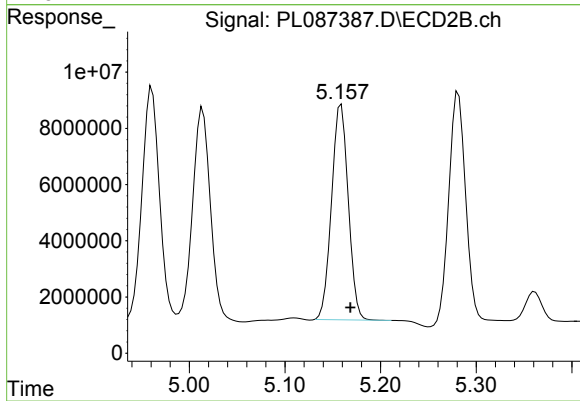
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 107171187
Conc: 46.43 ng/ml



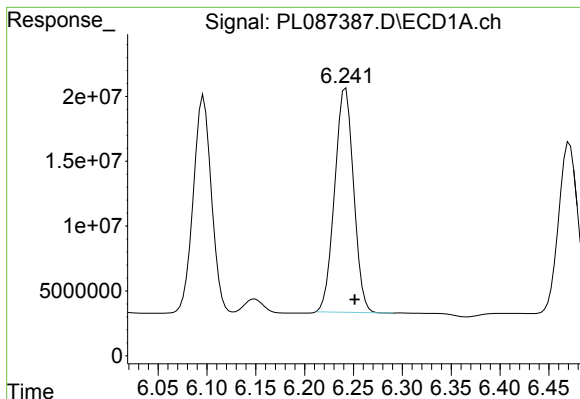
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.009 min
Response: 214506153
Conc: 51.76 ng/ml



#12 4,4'-DDE

R.T.: 5.159 min
Delta R.T.: -0.010 min
Response: 92911475
Conc: 46.79 ng/ml



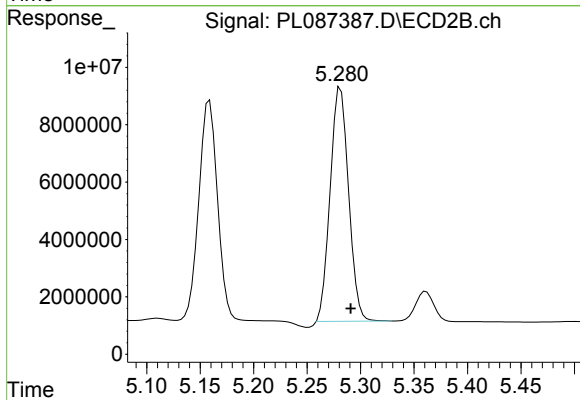
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 233362547
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

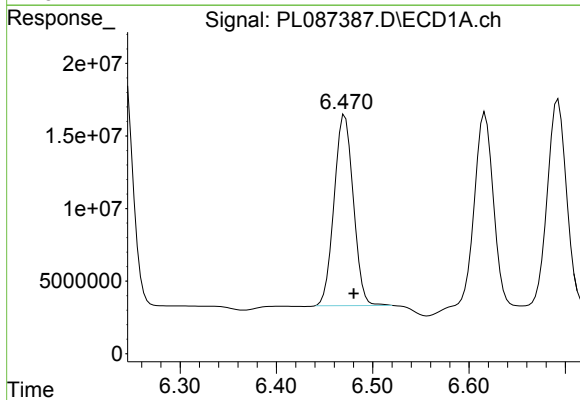
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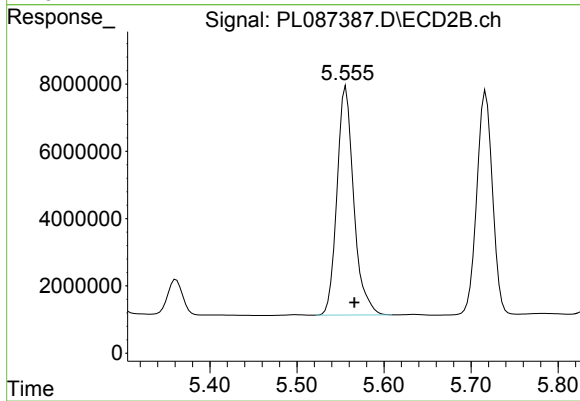
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.011 min
Response: 97800892
Conc: 43.90 ng/ml m



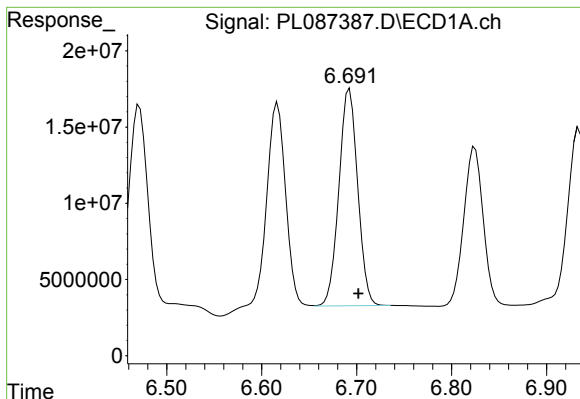
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 182237795
Conc: 47.37 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 91025510
Conc: 45.61 ng/ml



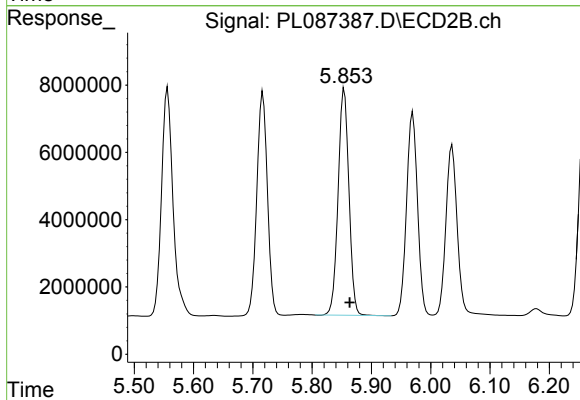
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: -0.009 min
Response: 196127062
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

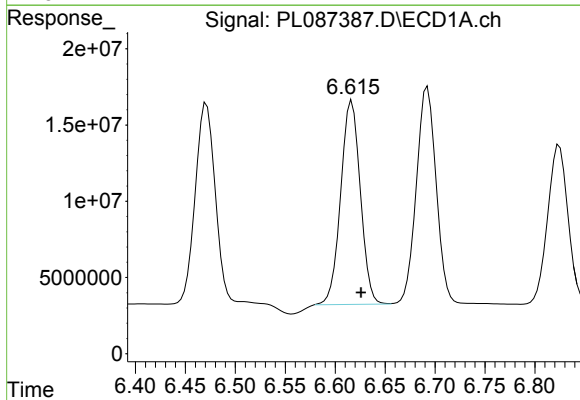
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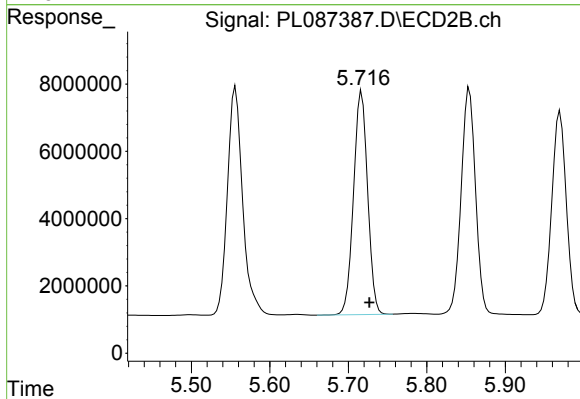
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 85552329
Conc: 43.94 ng/ml



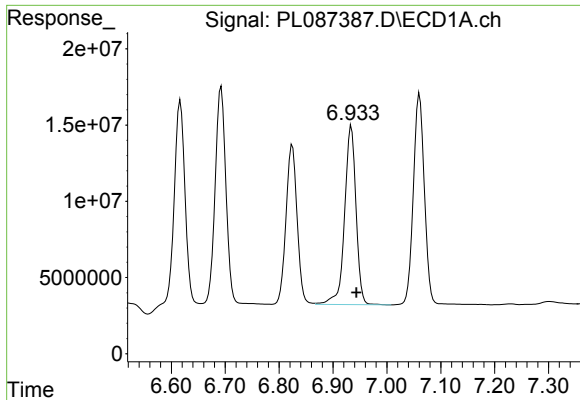
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.009 min
Response: 183122539
Conc: 55.41 ng/ml



#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.010 min
Response: 82820956
Conc: 50.02 ng/ml



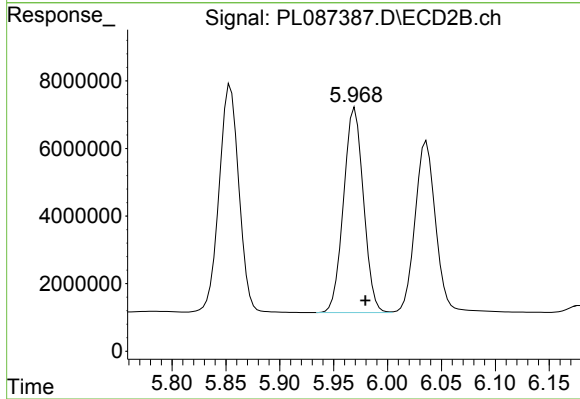
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 172956858
Conc: 46.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

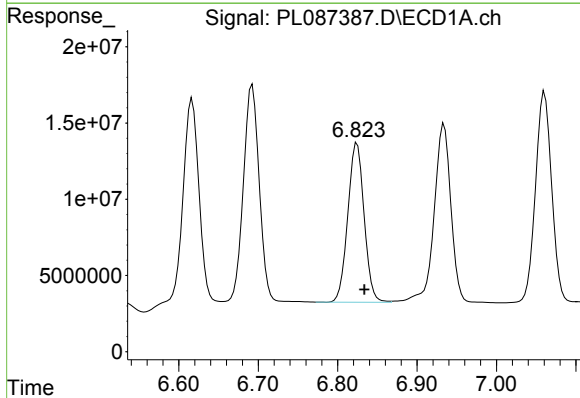
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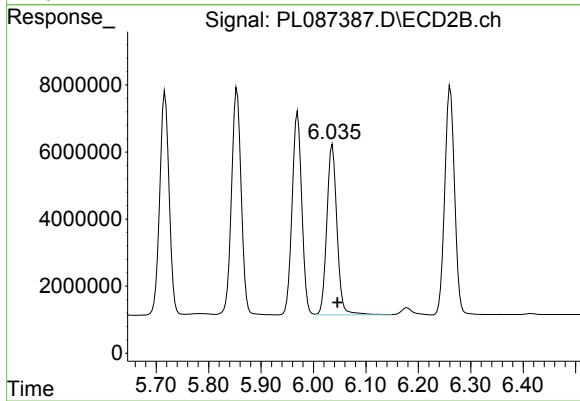
#17 4,4'-DDT

R.T.: 5.970 min
Delta R.T.: -0.010 min
Response: 77949194
Conc: 42.26 ng/ml



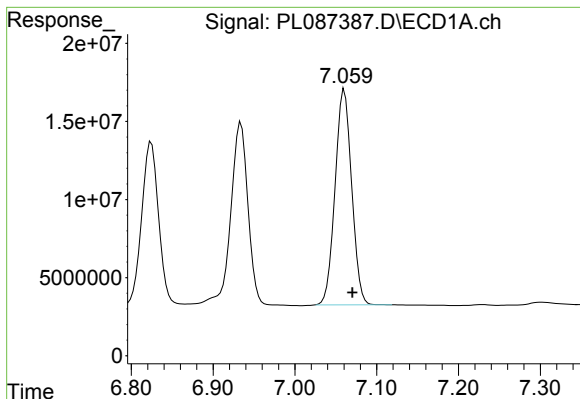
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.009 min
Response: 149314201
Conc: 51.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 68095558
Conc: 46.40 ng/ml



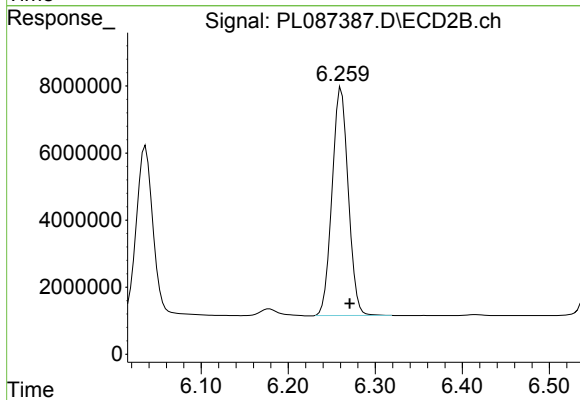
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.010 min
Response: 194374360
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

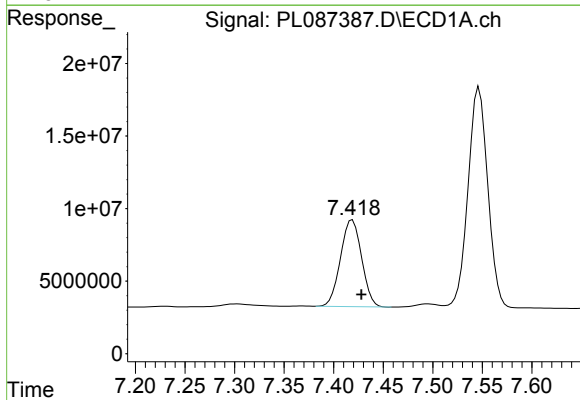
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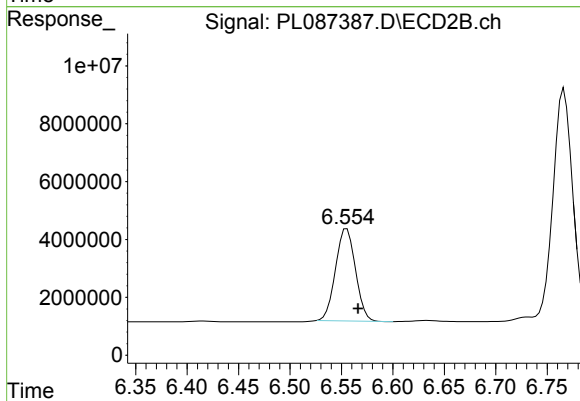
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: -0.010 min
Response: 87858654
Conc: 46.64 ng/ml



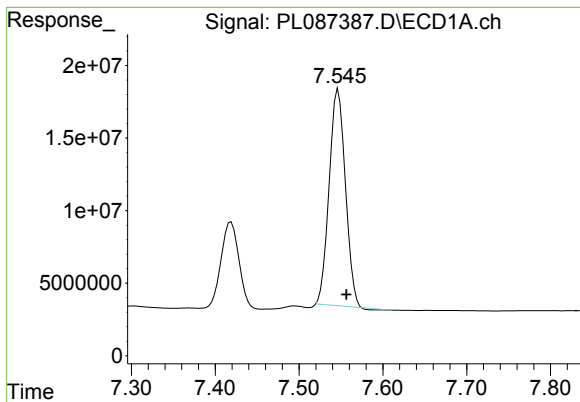
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 88845187
Conc: 45.56 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: -0.011 min
Response: 42995514
Conc: 42.09 ng/ml



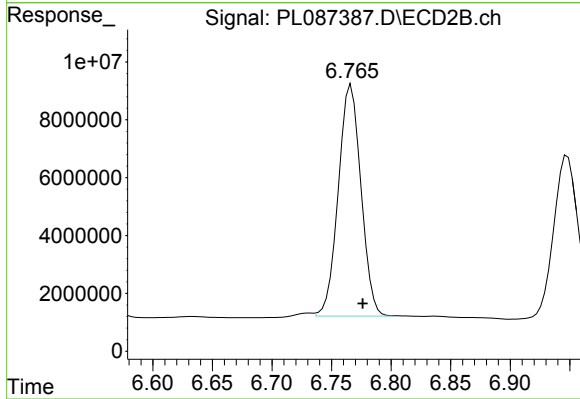
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 199093398
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

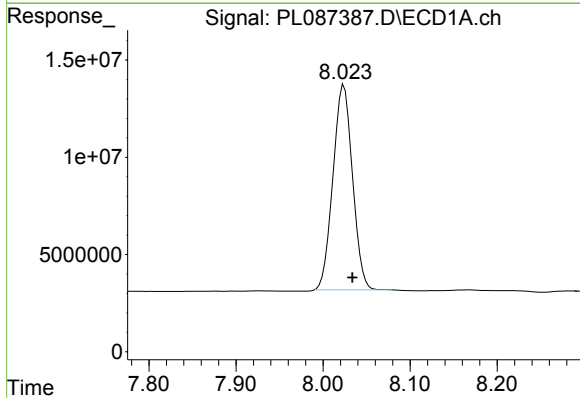
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Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



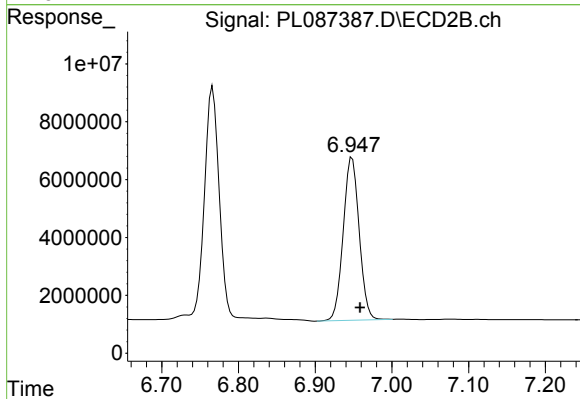
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.011 min
Response: 105762149
Conc: 49.68 ng/ml m



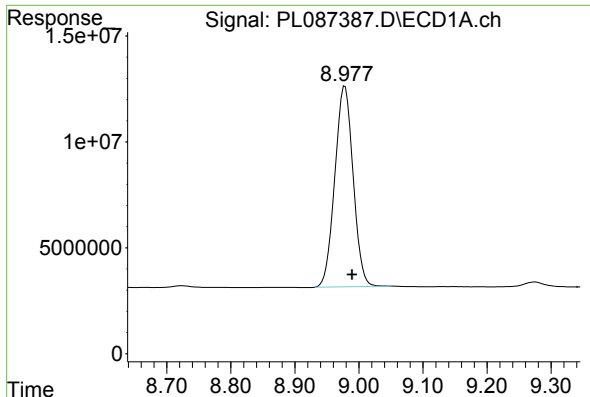
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.009 min
Response: 164383483
Conc: 48.81 ng/ml



#22 Mirex

R.T.: 6.948 min
Delta R.T.: -0.010 min
Response: 81815125
Conc: 45.99 ng/ml



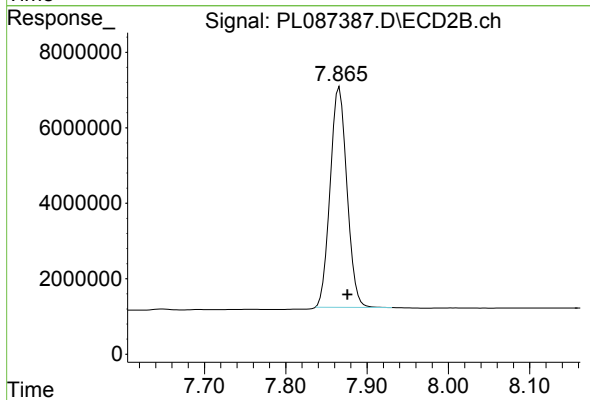
#28 Decachlorobiphenyl

R.T.: 8.978 min
Delta R.T.: -0.011 min
Response: 187944606
Conc: 55.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: -0.010 min
Response: 83888410
Conc: 49.67 ng/ml