

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072423\
 Data File : PL084168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2023 15:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/25/2023
 Supervised By : Ankita Jodhani 07/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 21:32:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.476	2.687	108.3E6	52969347	54.143	47.695
28)	SA Decachlor...	9.024	7.870	69873116	55523773	53.680	49.971
Target Compounds							
2)	A alpha-BHC	3.934	3.192	162.2E6	79928944	55.370	49.711
3)	MA gamma-BHC...	4.268	3.523	153.7E6	77016144	54.413	50.645
4)	MA Heptachlor	4.861	3.865	155.8E6	66374132	57.332	56.322
5)	MB Aldrin	5.204	4.145	159.2E6	72813670	55.566	48.290
6)	B beta-BHC	4.467	3.825	66868300	33441898	55.731	50.665
7)	B delta-BHC	4.714	4.053	156.7E6	76873808	58.782	50.821
8)	B Heptachlo...	5.633	4.651	139.8E6	64430478	52.385	50.172
9)	A Endosulfan I	6.019	5.022	120.9E6	60507746	51.061	49.333
10)	B gamma-Chl...	5.890	4.904	134.9E6	66546967	52.235	49.954
11)	B alpha-Chl...	5.970	4.969	130.9E6	66312611	51.496	49.225
12)	B 4,4'-DDE	6.149	5.167	110.3E6	61667867	54.820	50.204
13)	MA Dieldrin	6.296	5.288	123.2E6	66227627	51.558	50.852
14)	MA Endrin	6.524	5.564	95619543	55577503	50.209m	50.560
15)	B Endosulfa...	6.746	5.861	93845189	58042477	50.069	50.500
16)	A 4,4'-DDD	6.667	5.725	85318091	54280791	58.098	56.581
17)	MA 4,4'-DDT	6.983	5.977	75184920	47520032	47.144	52.174
18)	B Endrin al...	6.876	6.043	74269889	45387194	50.693	50.490
19)	B Endosulfa...	7.111	6.267	89658146	55957685	51.865m	50.916
20)	A Methoxychlor	7.463	6.561	36951199	25884610	47.239m	54.012
21)	B Endrin ke...	7.596	6.773	91751553	70564597	52.356	54.613
22)	Mirex	8.071	6.953	70724469	51917126	49.425	50.866

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072423\
Data File : PL084168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2023 15:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

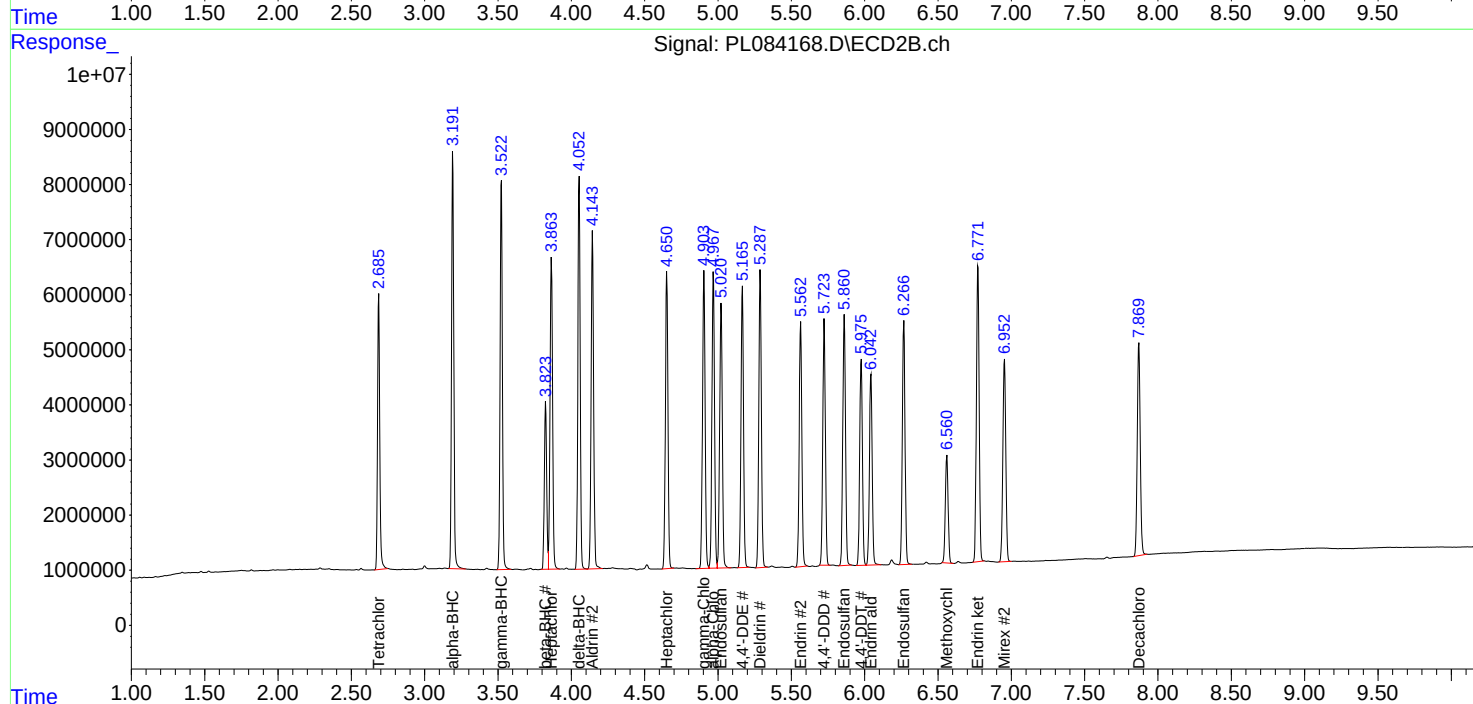
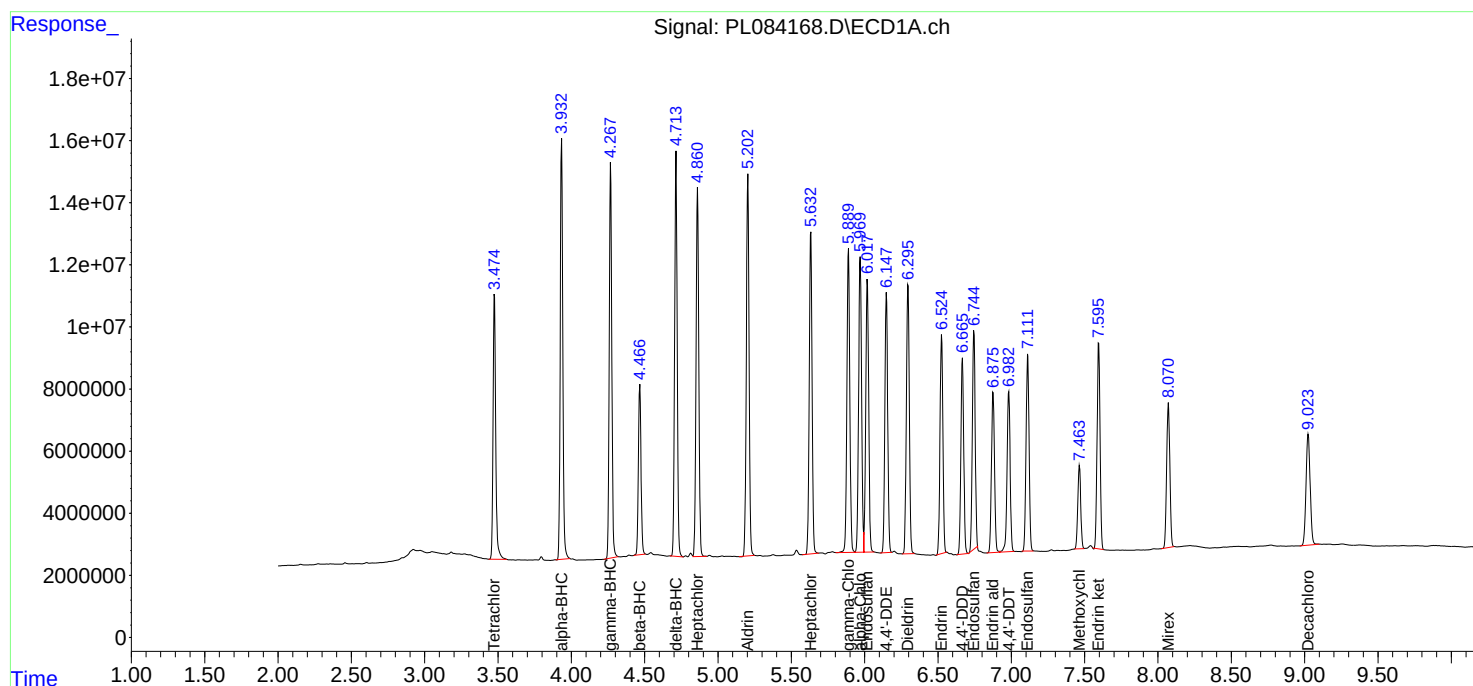
APPROVED

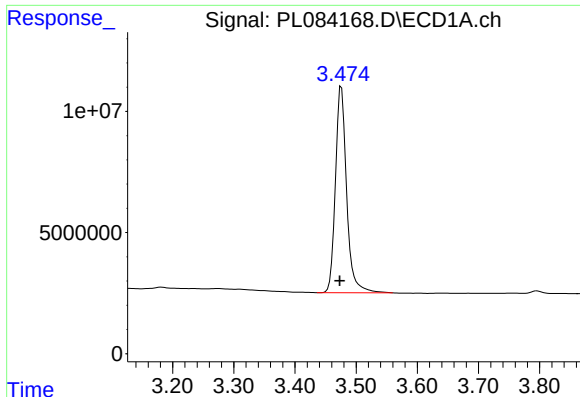
Reviewed By :Abdul Mirza 07/25/2023

Supervised By :Ankita Jodhani 07/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 21:32:53 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 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





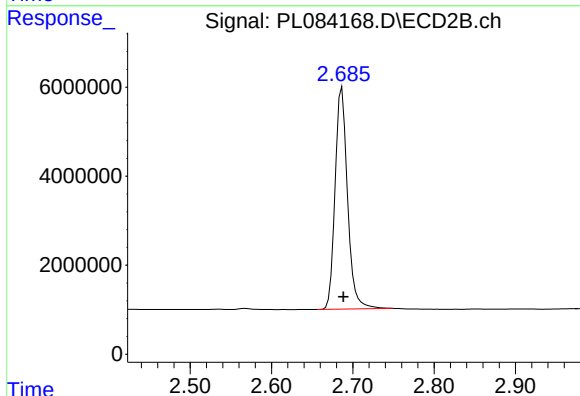
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 108279682
Conc: 54.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

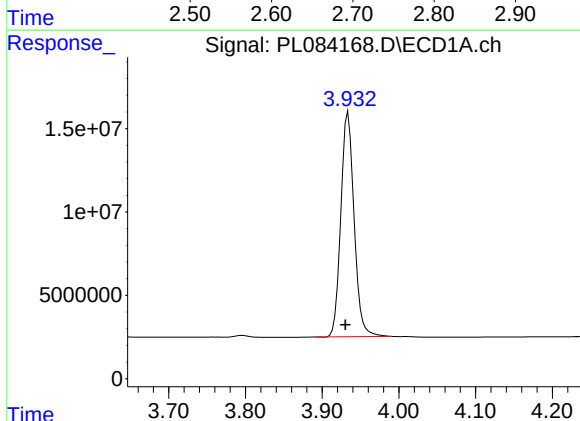
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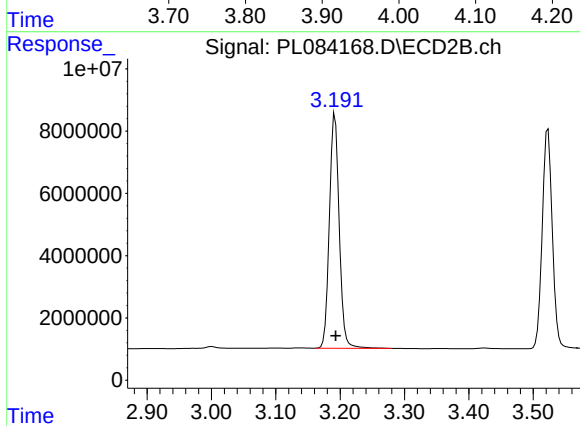
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 52969347
Conc: 47.70 ng/ml



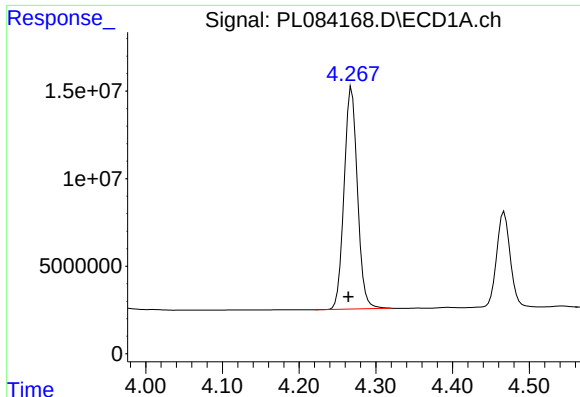
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.003 min
Response: 162223281
Conc: 55.37 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: -0.001 min
Response: 79928944
Conc: 49.71 ng/ml



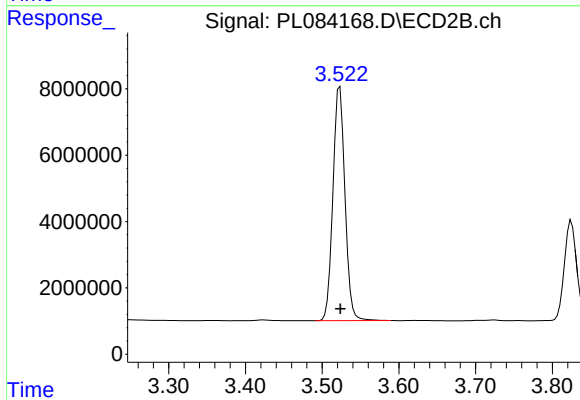
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 153734100
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

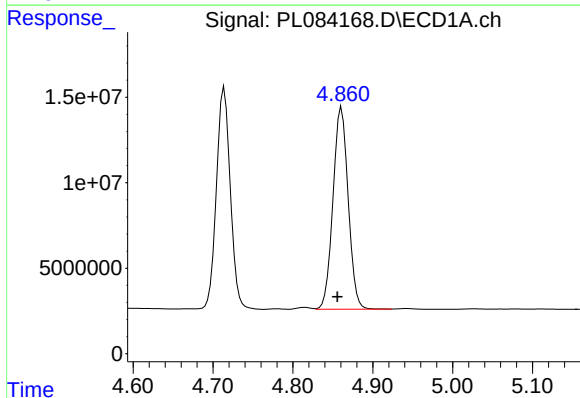
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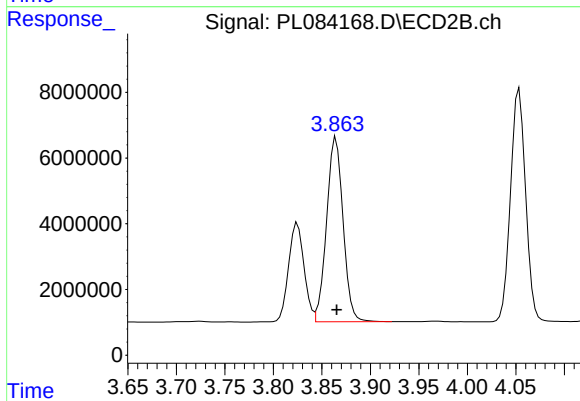
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 77016144
Conc: 50.65 ng/ml



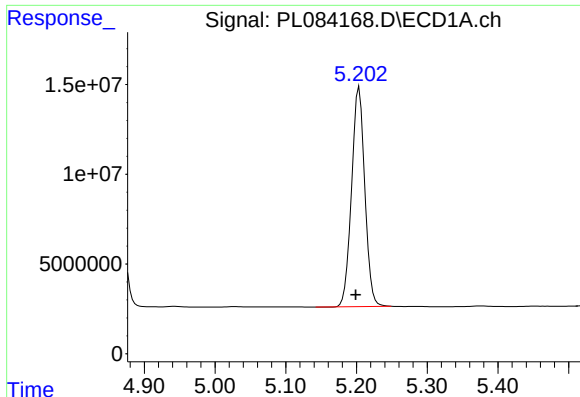
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: 0.005 min
Response: 155804577
Conc: 57.33 ng/ml



#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 66374132
Conc: 56.32 ng/ml



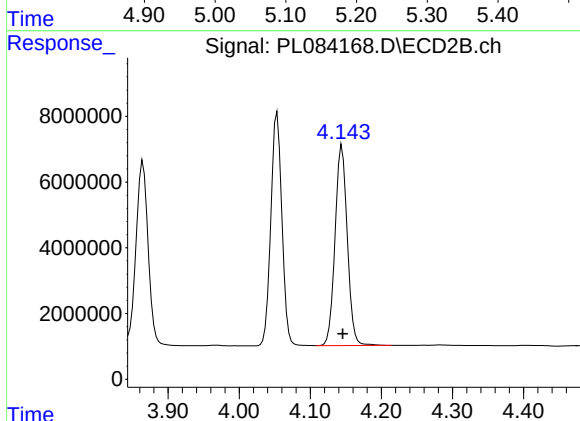
#5 Aldrin

R.T.: 5.204 min
Delta R.T.: 0.005 min
Response: 159154373
Conc: 55.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

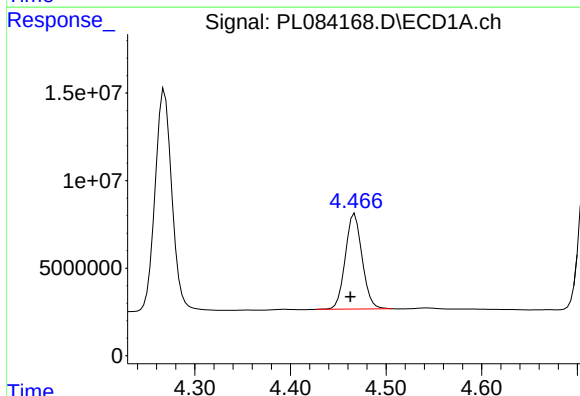
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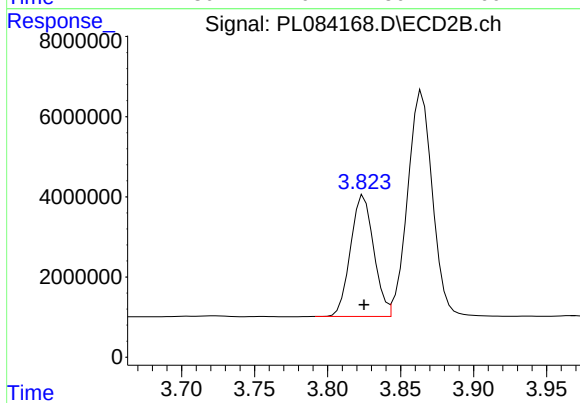
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 72813670
Conc: 48.29 ng/ml



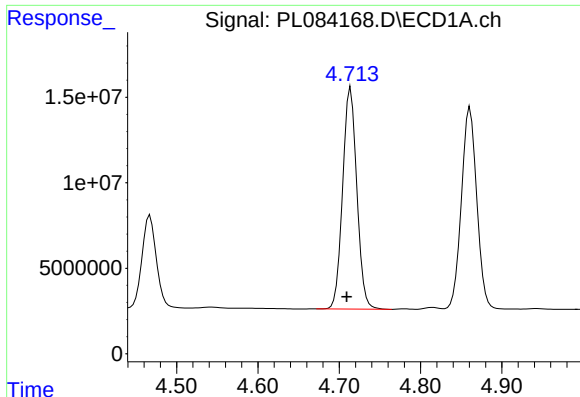
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.005 min
Response: 66868300
Conc: 55.73 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 33441898
Conc: 50.67 ng/ml



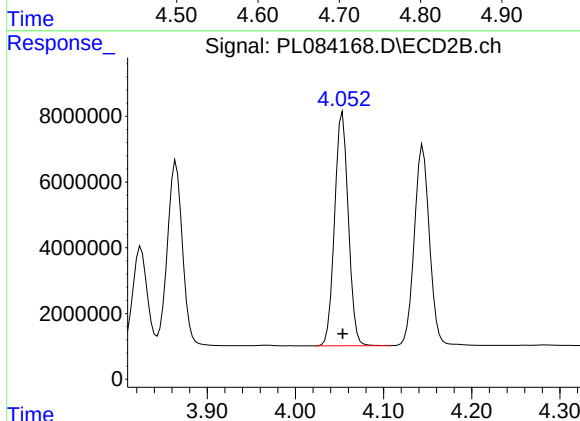
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: 0.005 min
Response: 156700302
Conc: 58.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

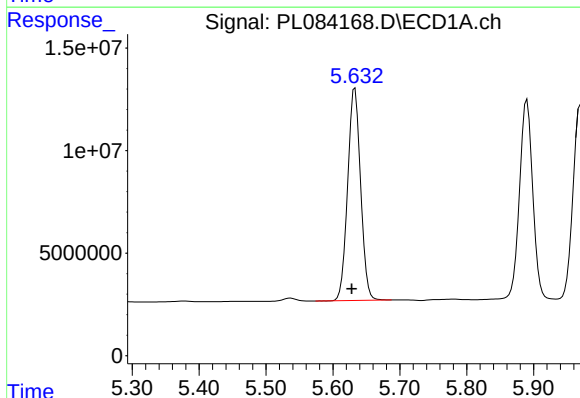
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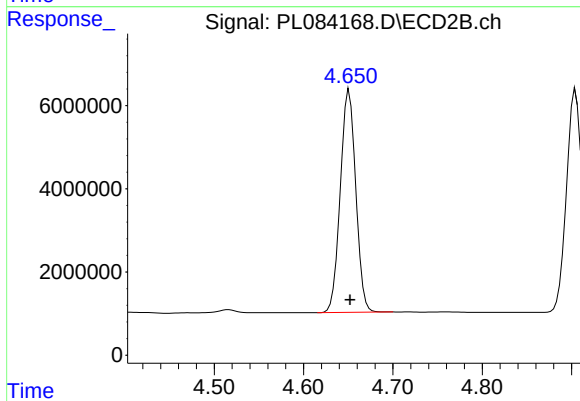
#7 delta-BHC

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 76873808
Conc: 50.82 ng/ml



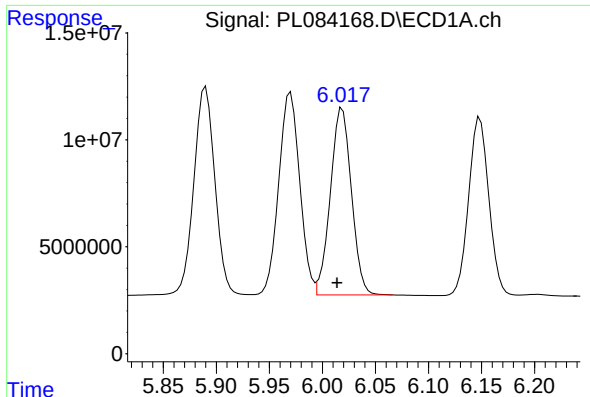
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.005 min
Response: 139847606
Conc: 52.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.651 min
Delta R.T.: -0.001 min
Response: 64430478
Conc: 50.17 ng/ml



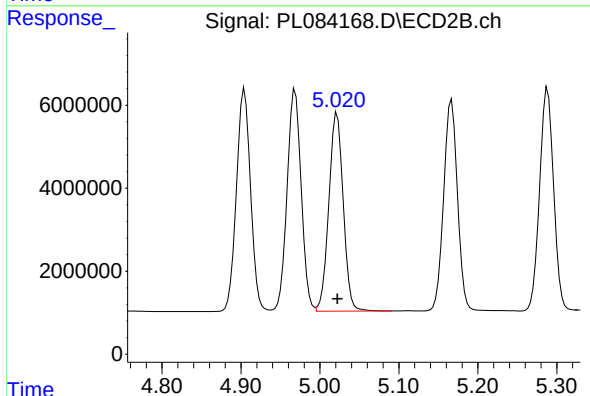
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.005 min
Response: 120923075
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

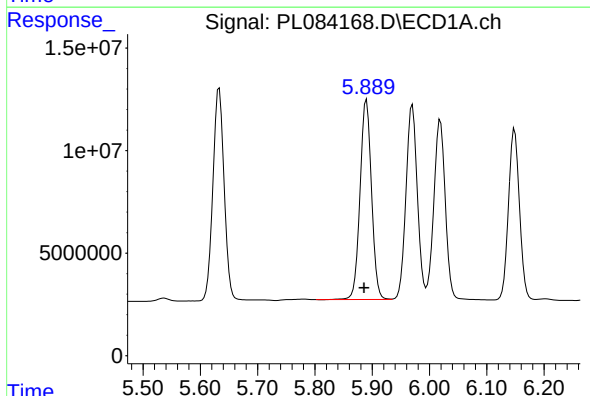
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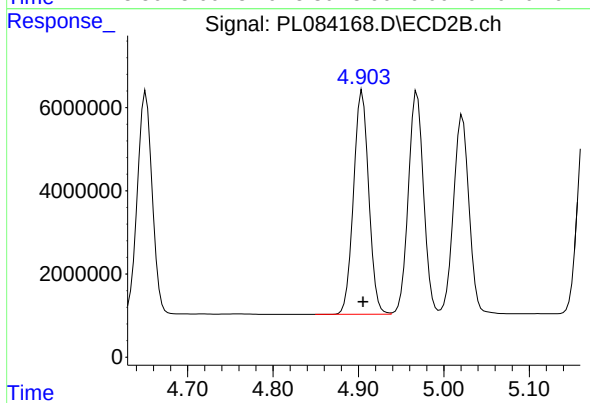
#9 Endosulfan I

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 60507746
Conc: 49.33 ng/ml



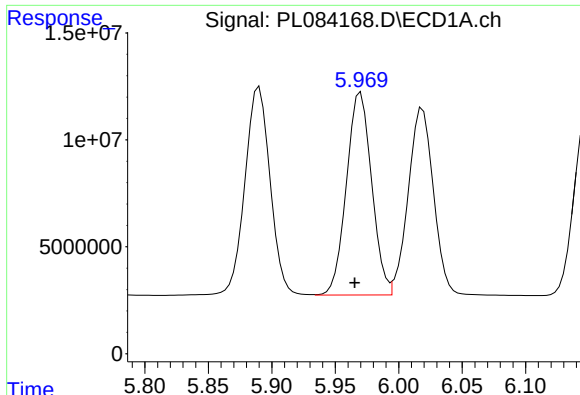
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.004 min
Response: 134867355
Conc: 52.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 66546967
Conc: 49.95 ng/ml



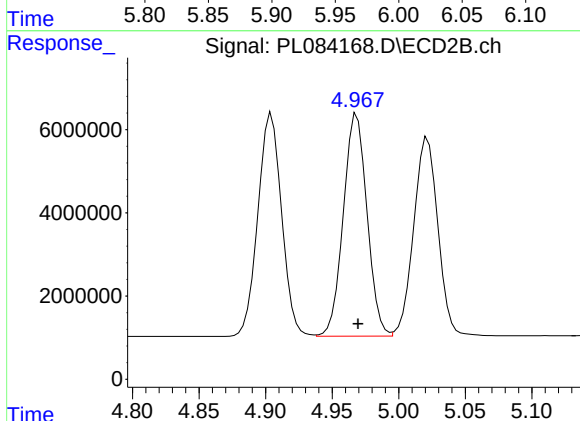
#11 alpha-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.005 min
Response: 130905065
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

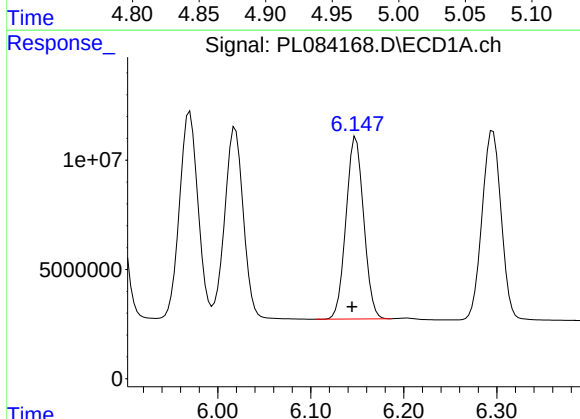
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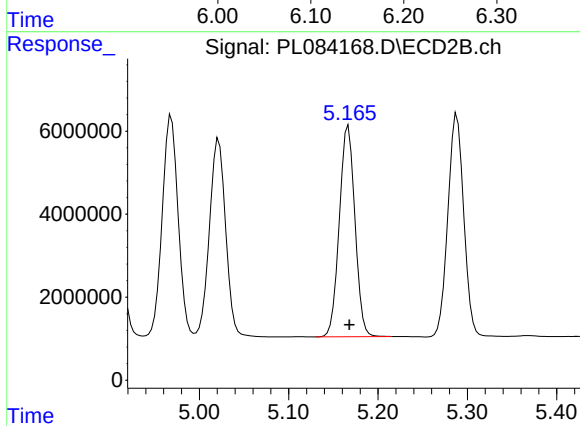
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 66312611
Conc: 49.22 ng/ml



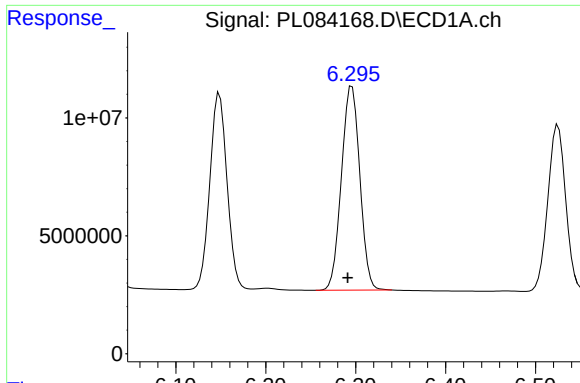
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.004 min
Response: 110297936
Conc: 54.82 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 61667867
Conc: 50.20 ng/ml



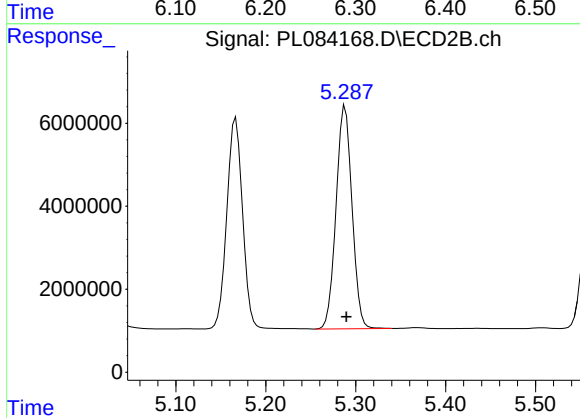
#13 Dieldrin

R.T.: 6.296 min
Delta R.T.: 0.005 min
Response: 123200863
Conc: 51.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

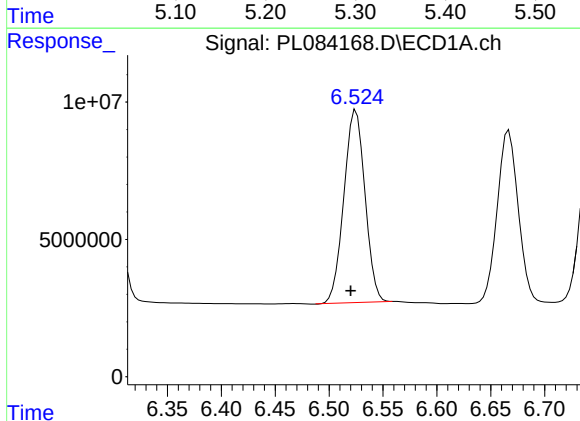
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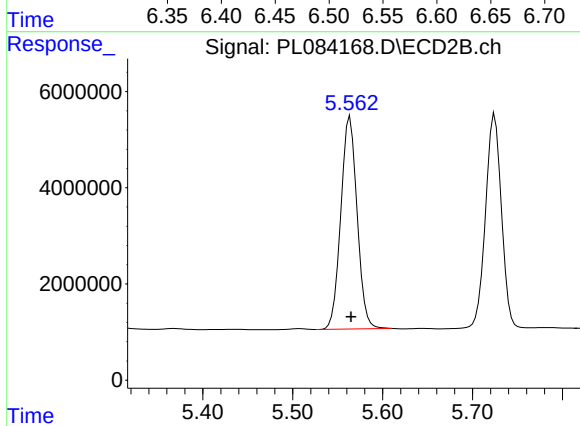
#13 Dieldrin

R.T.: 5.288 min
Delta R.T.: -0.001 min
Response: 66227627
Conc: 50.85 ng/ml



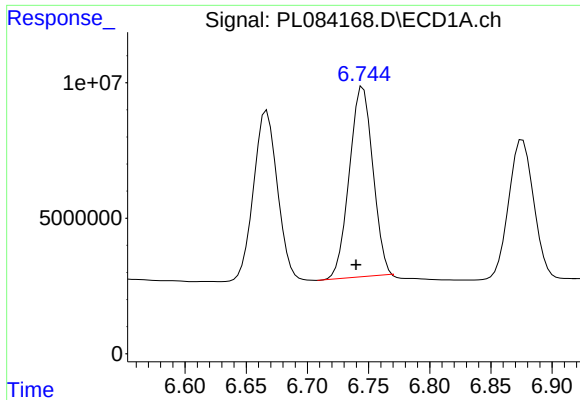
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.003 min
Response: 95619543
Conc: 50.21 ng/ml m



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 55577503
Conc: 50.56 ng/ml



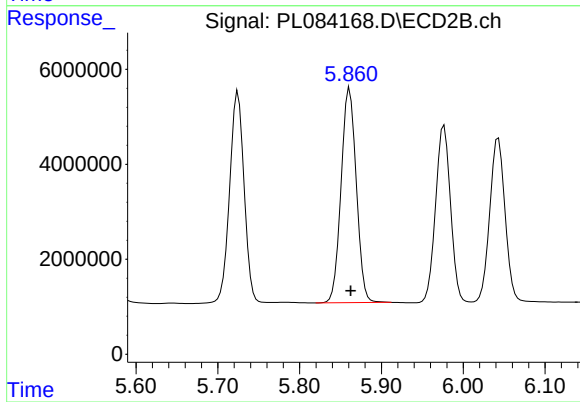
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.006 min
Response: 93845189
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

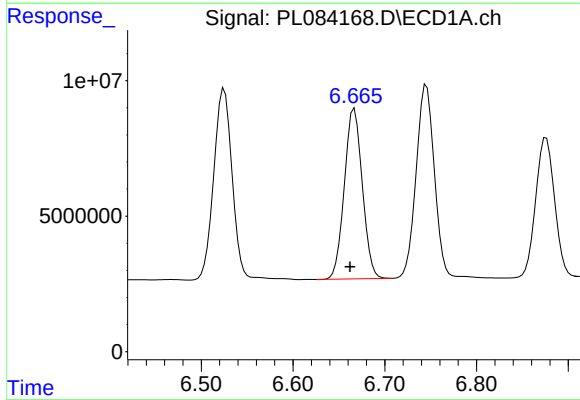
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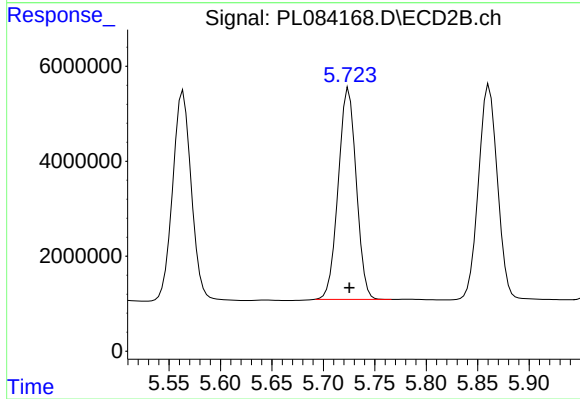
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: -0.001 min
Response: 58042477
Conc: 50.50 ng/ml



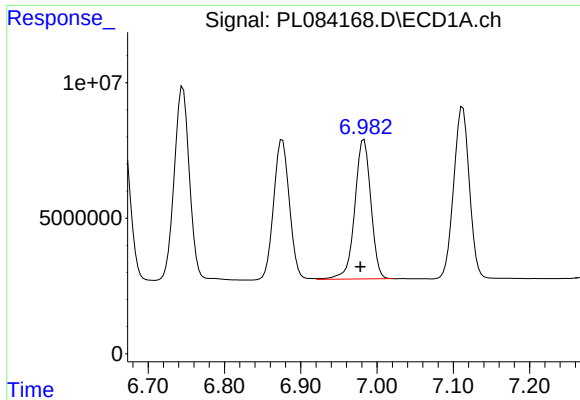
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.005 min
Response: 85318091
Conc: 58.10 ng/ml



#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 54280791
Conc: 56.58 ng/ml



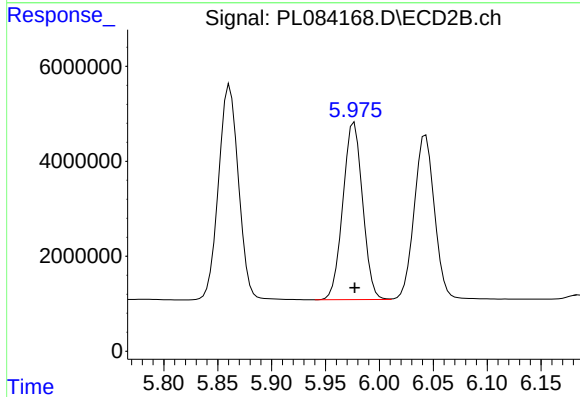
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.005 min
Response: 75184920
Conc: 47.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

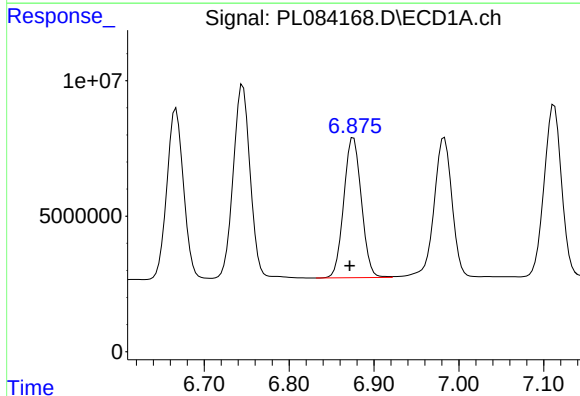
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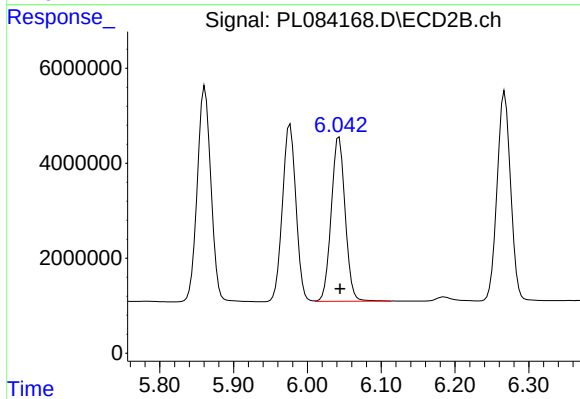
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 47520032
Conc: 52.17 ng/ml



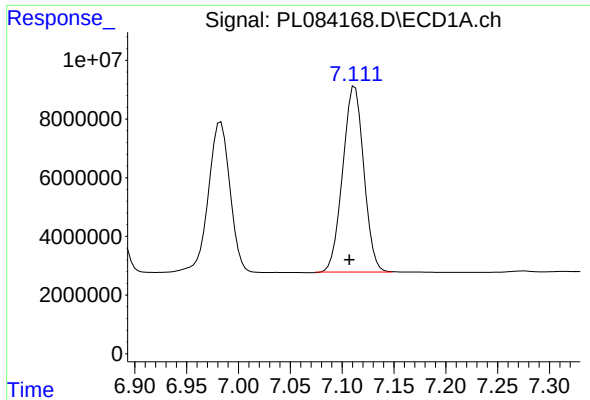
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.004 min
Response: 74269889
Conc: 50.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.001 min
Response: 45387194
Conc: 50.49 ng/ml



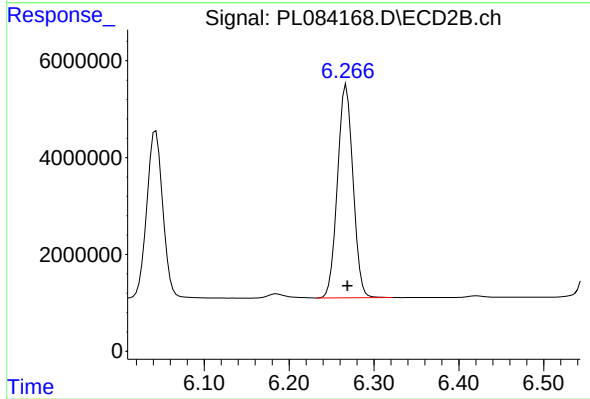
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: 0.004 min
Response: 89658146
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

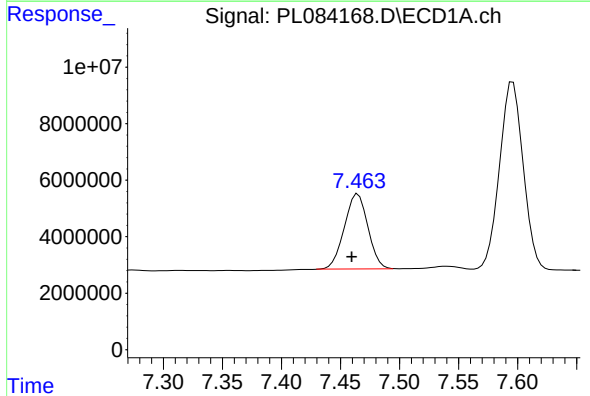
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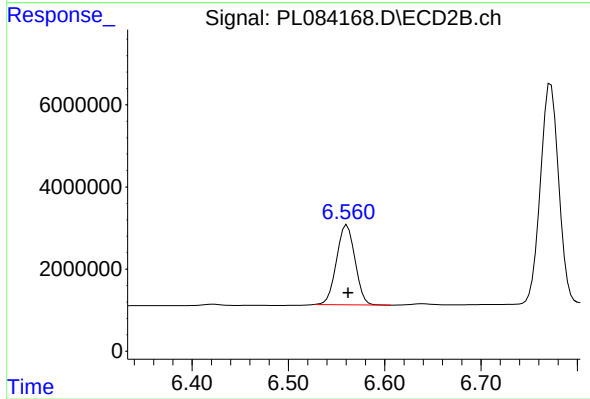
#19 Endosulfan Sulfate

R.T.: 6.267 min
Delta R.T.: -0.001 min
Response: 55957685
Conc: 50.92 ng/ml



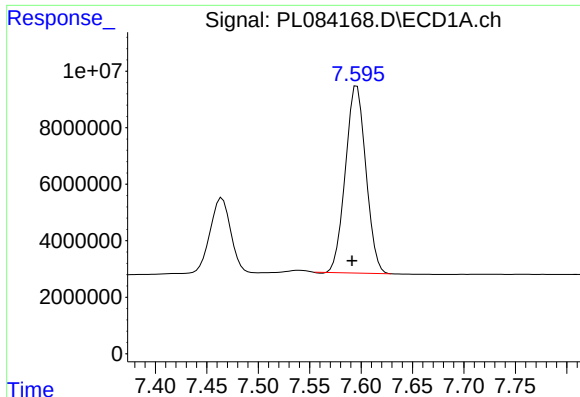
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 36951199
Conc: 47.24 ng/ml m



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 25884610
Conc: 54.01 ng/ml



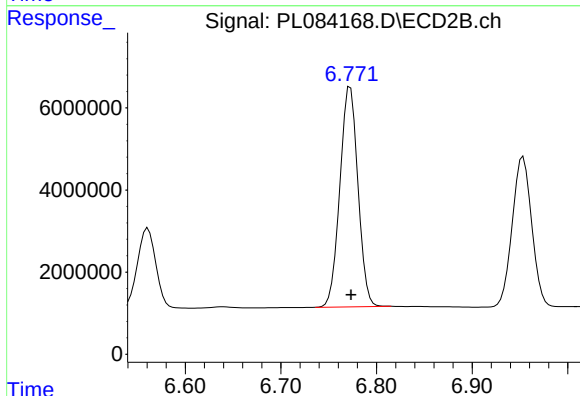
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.005 min
Response: 91751553
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

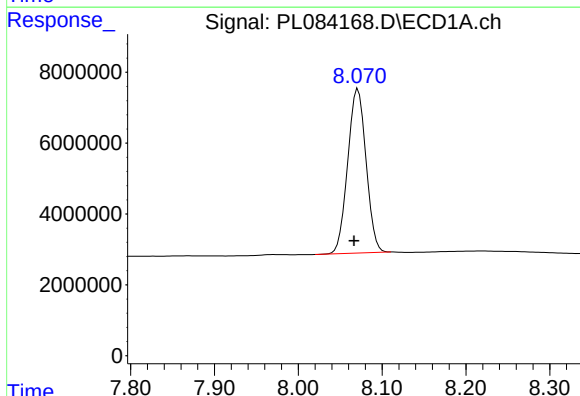
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Reviewed By :Abdul Mirza 07/25/2023
Supervised By :Ankita Jodhani 07/25/2023



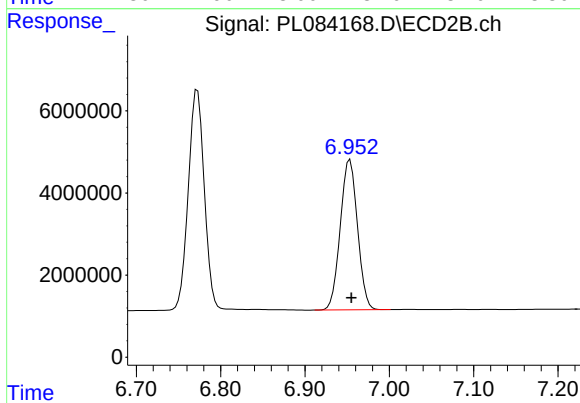
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 70564597
Conc: 54.61 ng/ml



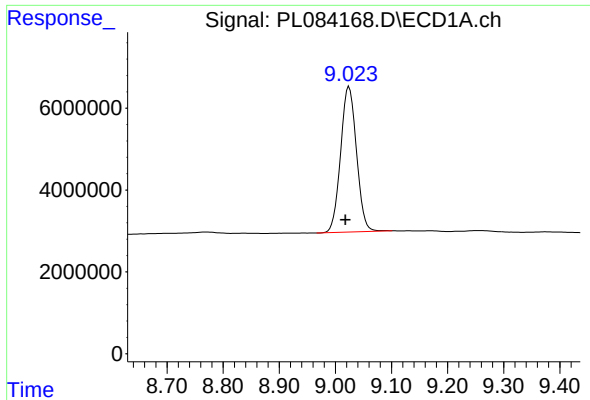
#22 Mirex

R.T.: 8.071 min
Delta R.T.: 0.005 min
Response: 70724469
Conc: 49.42 ng/ml



#22 Mirex

R.T.: 6.953 min
Delta R.T.: -0.002 min
Response: 51917126
Conc: 50.87 ng/ml



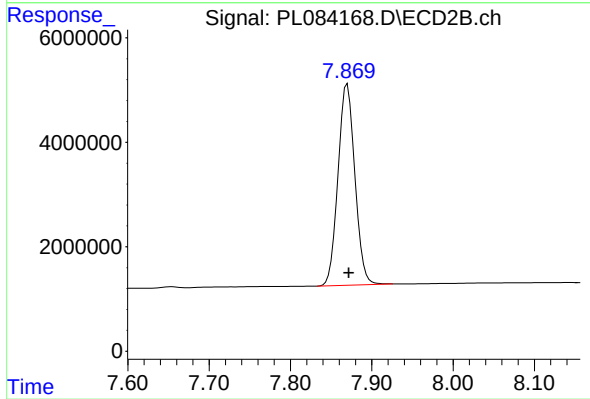
#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.007 min
Response: 69873116
Conc: 53.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/25/2023
Supervised By :Ankita Jodhani 07/25/2023



#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.002 min
Response: 55523773
Conc: 49.97 ng/ml