

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103122\
 Data File : PL078662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2022 18:19
 Operator : AR\AJ
 Sample : N5310-17MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BIN 1-2-(2840)-COMP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 22:15:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.323	2.570	36518273	53402989	19.149	20.916
28)	SA Decachlor...	8.772	7.638	30674664	43559355	20.391	22.997
Target Compounds							
2)	A alpha-BHC	3.783	3.056	141.0E6	201.8E6	49.095	51.108
3)	MA gamma-BHC...	4.116	3.377	129.9E6	184.8E6	48.624	51.411
4)	MA Heptachlor	4.687	3.705	130.1E6	176.2E6	50.100	50.820
5)	MB Aldrin	5.025	3.976	127.4E6	188.5E6	51.424	53.842
6)	B beta-BHC	4.330	3.677	55099164	69493269	47.830	48.433
7)	B delta-BHC	4.571	3.897	112.4E6	186.3E6	49.382	51.165
8)	B Heptachlo...	5.458	4.472	114.9E6	157.2E6	54.099	52.184
9)	A Endosulfan I	5.842	4.835	104.1E6	143.7E6	48.789	50.199
10)	B gamma-Chl...	5.714	4.720	117.6E6	159.8E6	52.118	52.143
11)	B alpha-Chl...	5.790	4.782	113.6E6	158.0E6	49.115	53.023
12)	B 4,4'-DDE	5.974	4.977	98307944	144.2E6	49.121	52.980
13)	MA Dieldrin	6.120	5.097	110.5E6	163.7E6	51.230	55.249
14)	MA Endrin	6.351	5.368	97077255	146.4E6	51.152	56.200
15)	B Endosulfa...	6.580	5.664	91568307	134.1E6	48.806	58.909
16)	A 4,4'-DDD	6.498	5.528	85172070	118.7E6	51.092	54.033
17)	MA 4,4'-DDT	6.809	5.773	81550663	124.7E6	45.500	57.494m#
18)	B Endrin al...	6.712	5.843	76178651	107.4E6	52.354	57.244
19)	B Endosulfa...	6.945	6.066	90752841	131.3E6	49.324	55.147
20)	A Methoxychlor	7.292	6.352	45751285	66096707	49.682	58.245
21)	B Endrin ke...	7.431	6.561	95252466	145.7E6	50.629	56.355
22)	Mirex	7.888	6.734	75123687	108.0E6	51.461	54.878

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103122\
Data File : PL078662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2022 18:19
Operator : AR\AJ
Sample : N5310-17MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

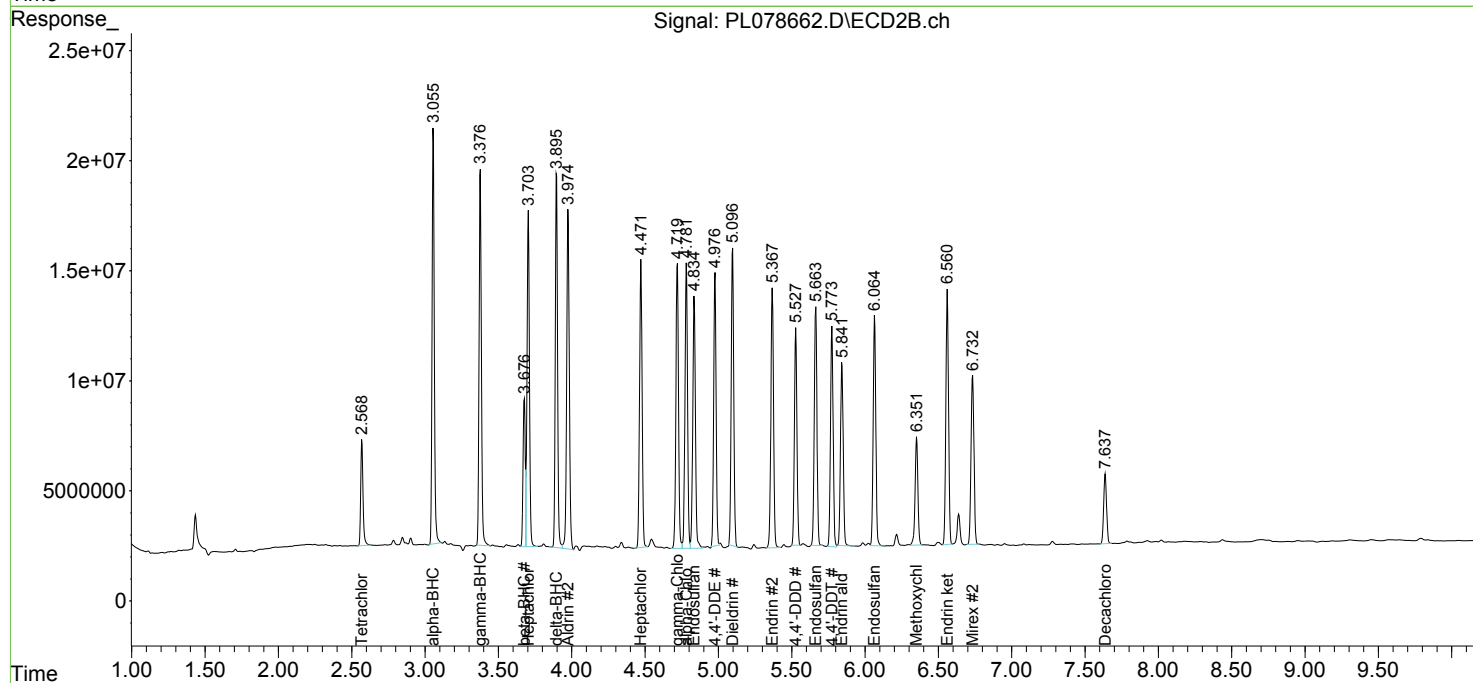
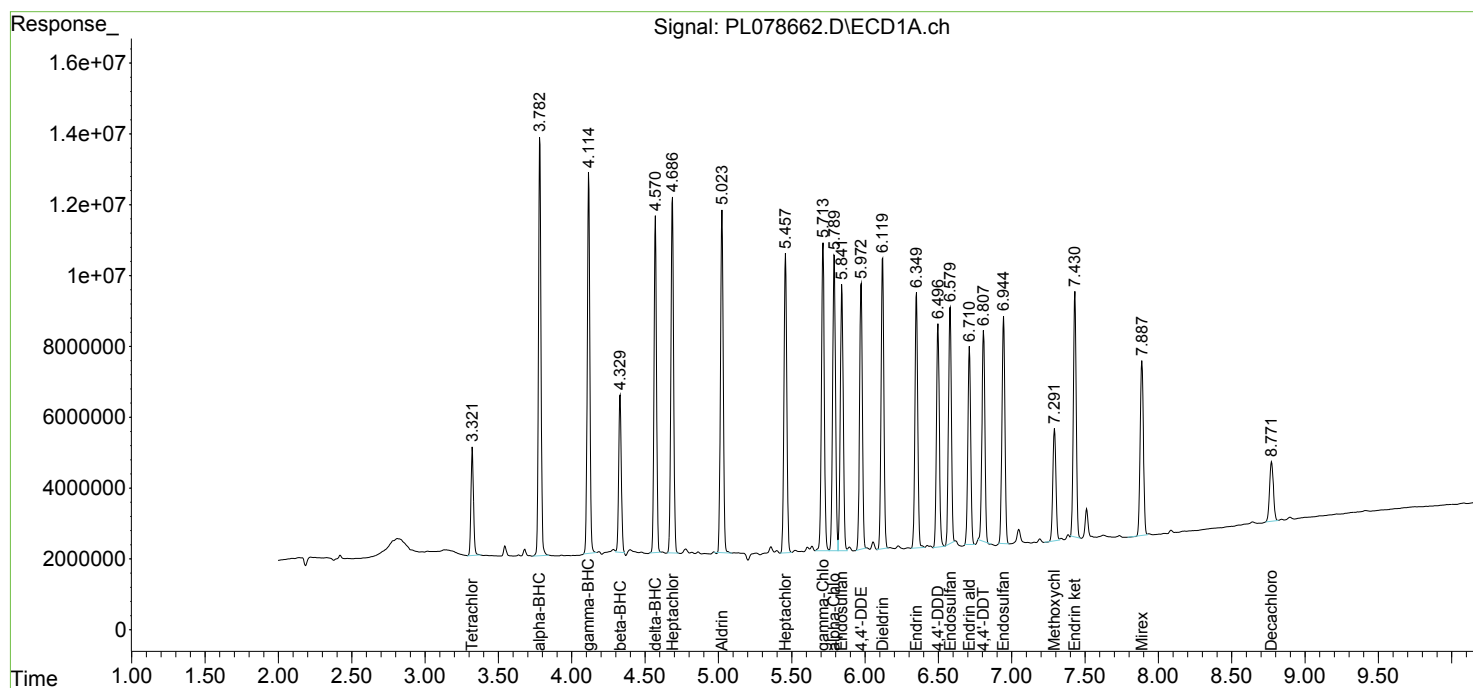
Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

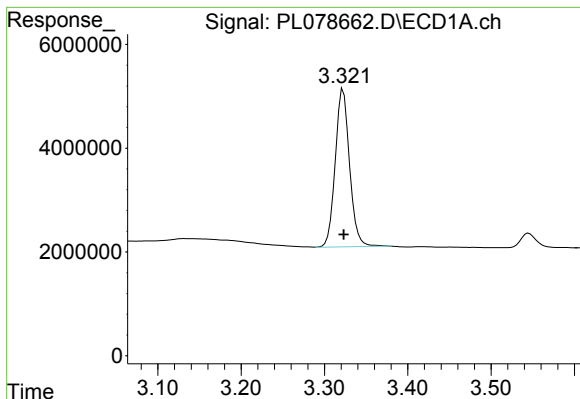
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 11/01/2022
Supervised By : Ankita Jodhani 11/01/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 22:15:21 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 2022
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





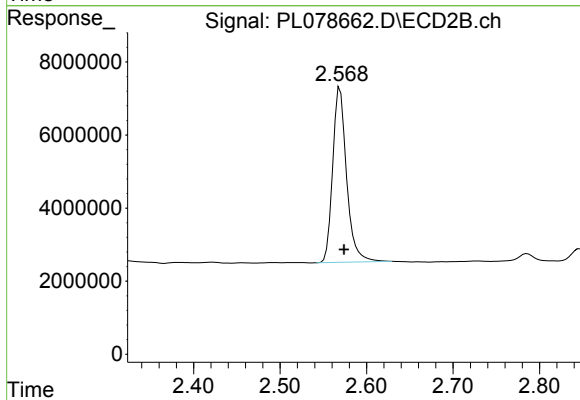
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 36518273
Conc: 19.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

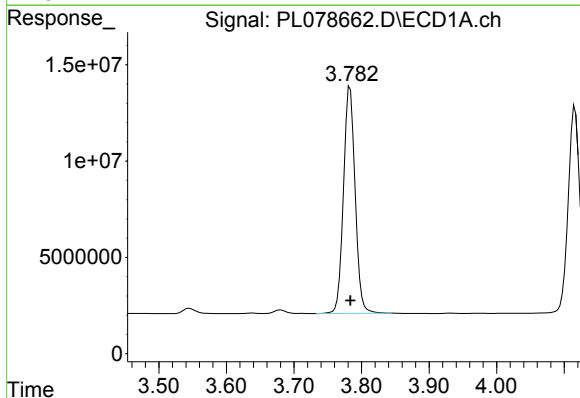
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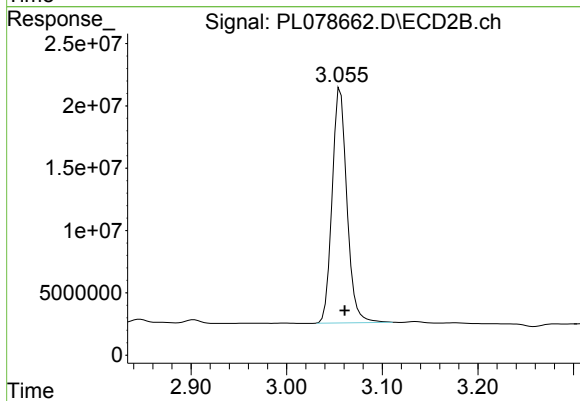
#1 Tetrachloro-m-xylene

R.T.: 2.570 min
Delta R.T.: -0.004 min
Response: 53402989
Conc: 20.92 ng/ml



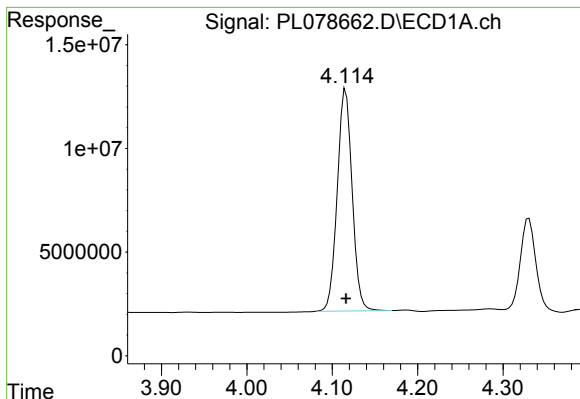
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 140968846
Conc: 49.09 ng/ml



#2 alpha-BHC

R.T.: 3.056 min
Delta R.T.: -0.004 min
Response: 201827563
Conc: 51.11 ng/ml



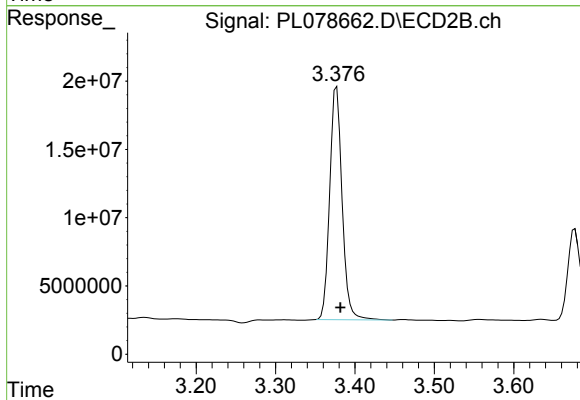
#3 gamma-BHC (Lindane)

R.T.: 4.116 min
Delta R.T.: 0.000 min
Response: 129910567
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

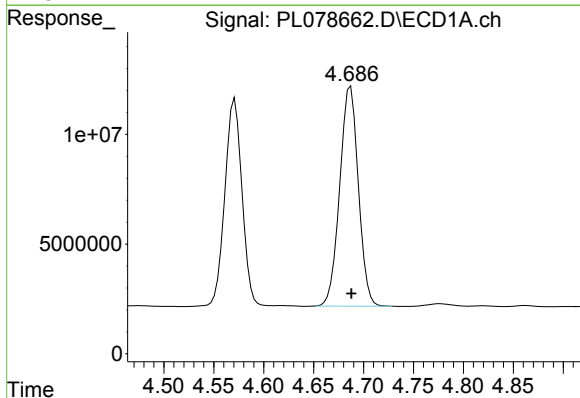
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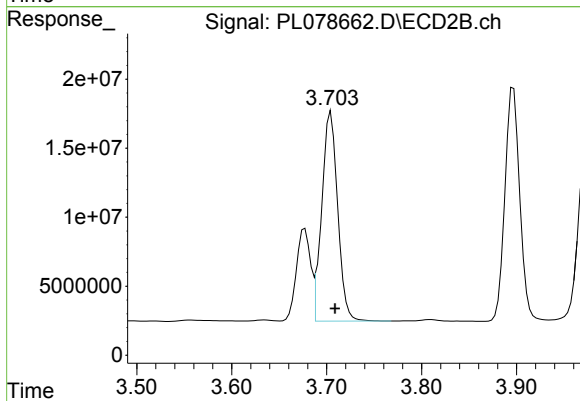
#3 gamma-BHC (Lindane)

R.T.: 3.377 min
Delta R.T.: -0.005 min
Response: 184780782
Conc: 51.41 ng/ml



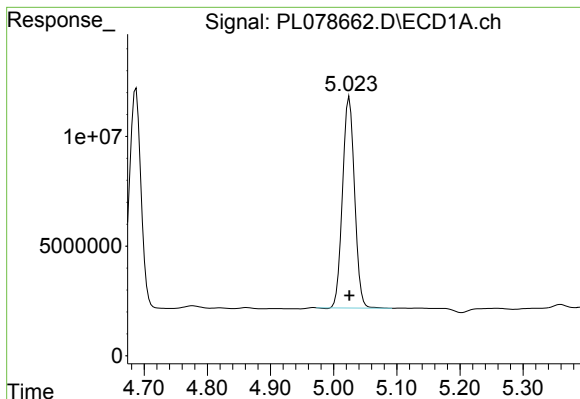
#4 Heptachlor

R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 130060371
Conc: 50.10 ng/ml



#4 Heptachlor

R.T.: 3.705 min
Delta R.T.: -0.004 min
Response: 176232940
Conc: 50.82 ng/ml



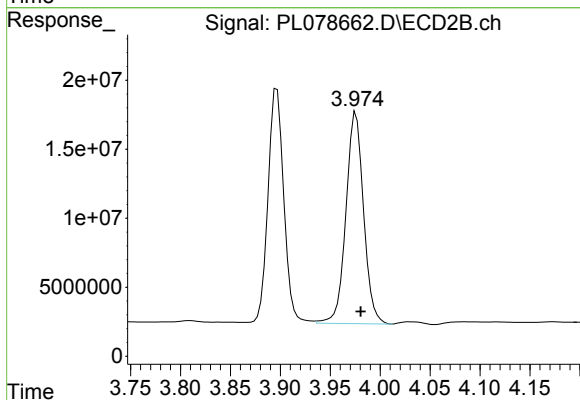
#5 Aldrin

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 127360946
Conc: 51.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

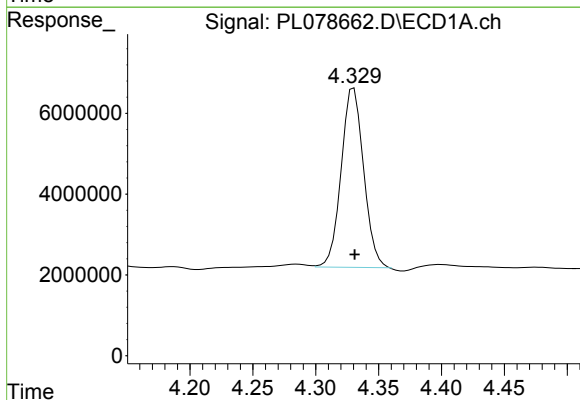
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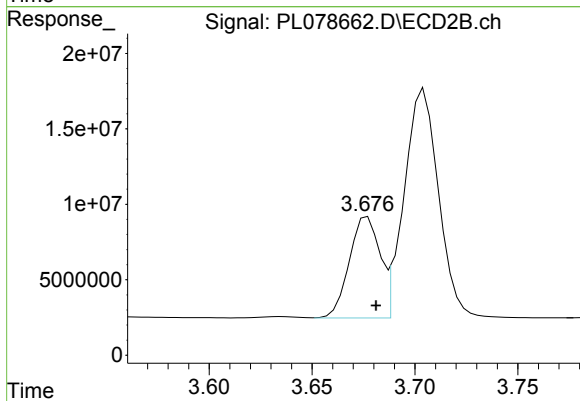
#5 Aldrin

R.T.: 3.976 min
Delta R.T.: -0.005 min
Response: 188538872
Conc: 53.84 ng/ml



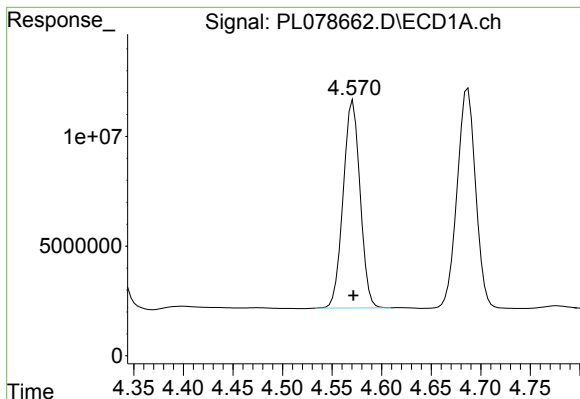
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 55099164
Conc: 47.83 ng/ml



#6 beta-BHC

R.T.: 3.677 min
Delta R.T.: -0.004 min
Response: 69493269
Conc: 48.43 ng/ml



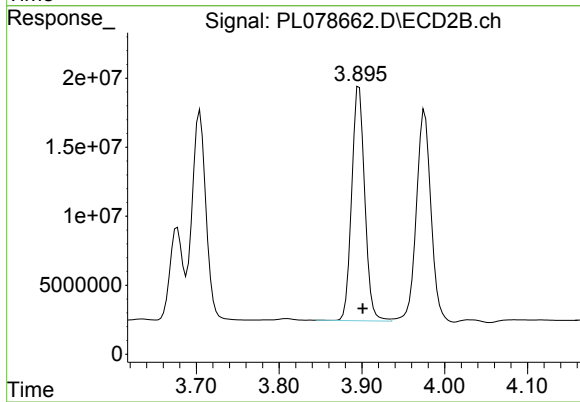
#7 delta-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 112436853
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

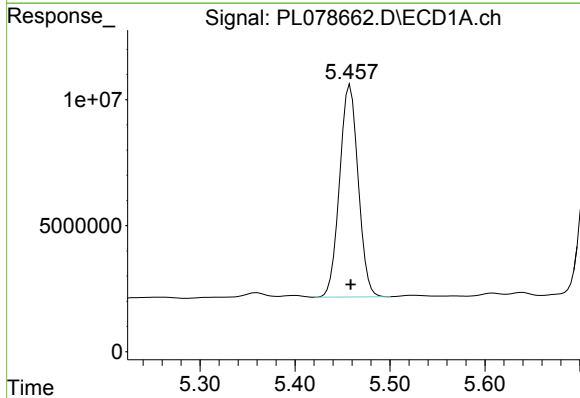
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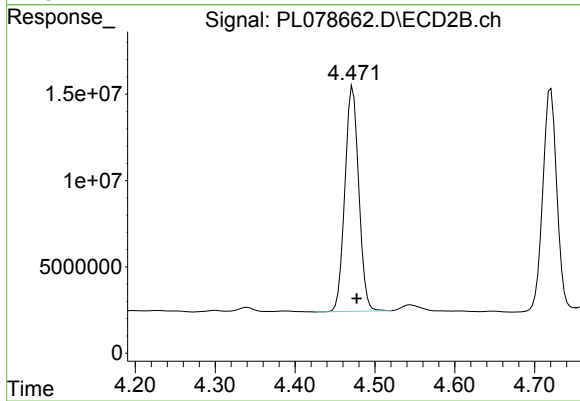
#7 delta-BHC

R.T.: 3.897 min
Delta R.T.: -0.004 min
Response: 186307373
Conc: 51.16 ng/ml



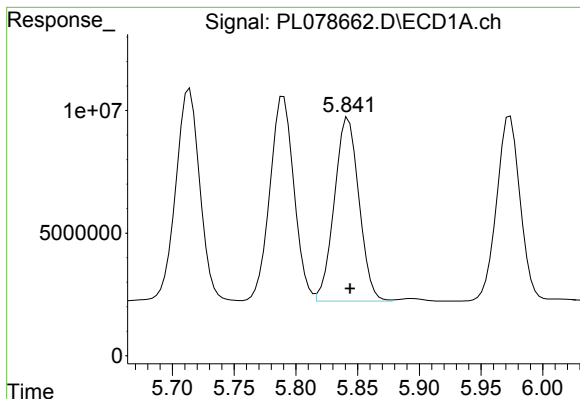
#8 Heptachlor epoxide

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 114852578
Conc: 54.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.472 min
Delta R.T.: -0.005 min
Response: 157242552
Conc: 52.18 ng/ml



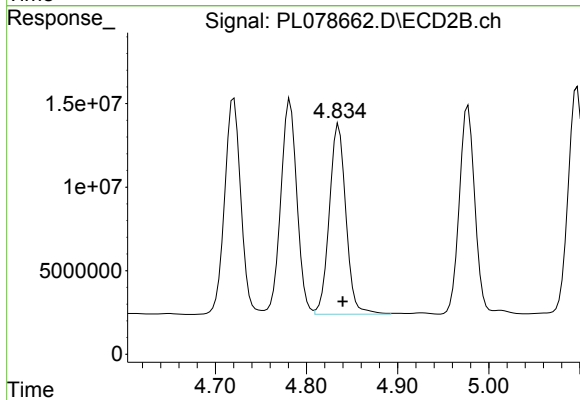
#9 Endosulfan I

R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 104094169
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

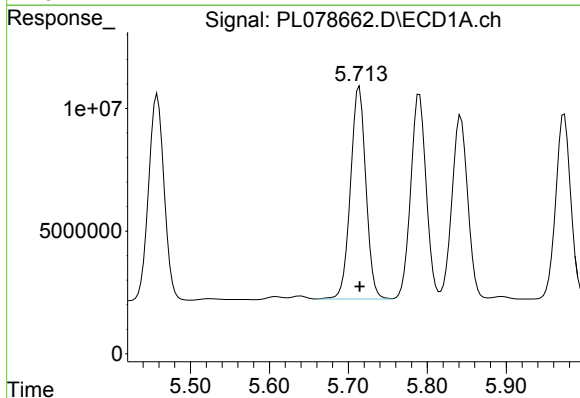
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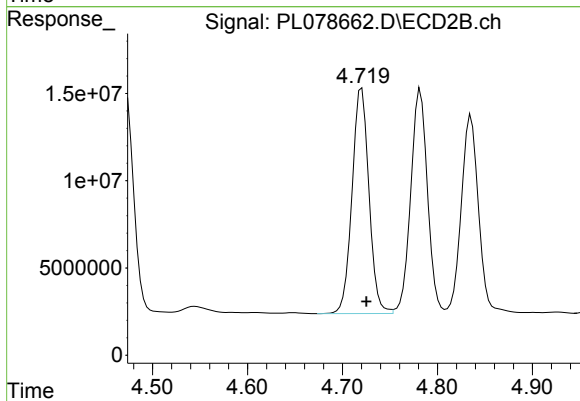
#9 Endosulfan I

R.T.: 4.835 min
Delta R.T.: -0.004 min
Response: 143702647
Conc: 50.20 ng/ml



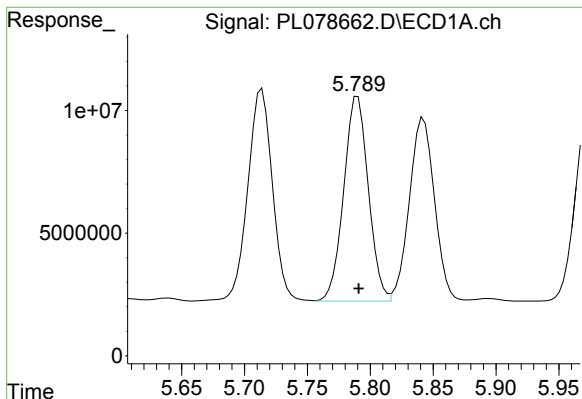
#10 gamma-Chlordane

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 117637720
Conc: 52.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 159791133
Conc: 52.14 ng/ml



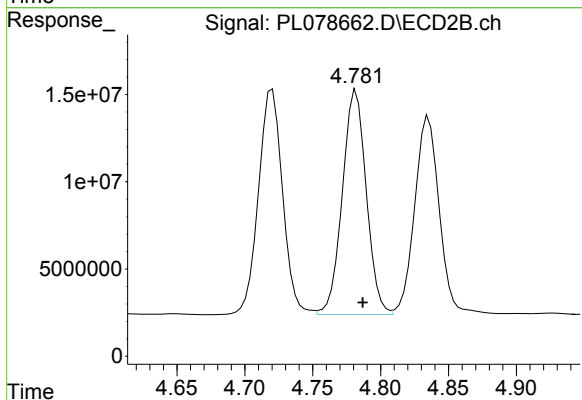
#11 alpha-Chlordane

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 113640669
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

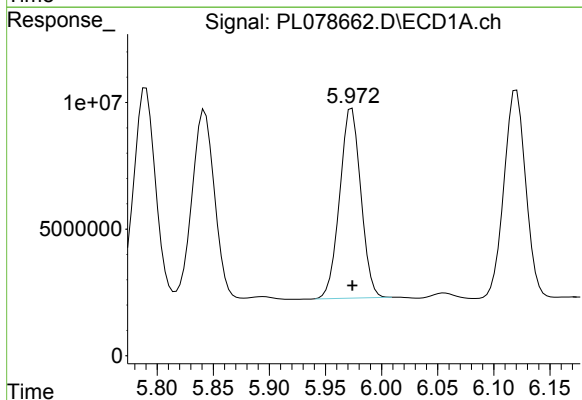
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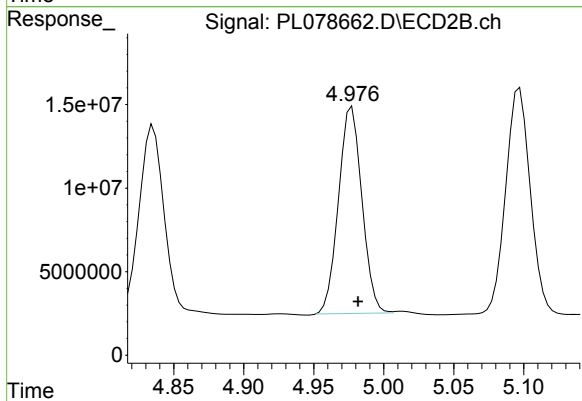
#11 alpha-Chlordane

R.T.: 4.782 min
Delta R.T.: -0.005 min
Response: 158029915
Conc: 53.02 ng/ml



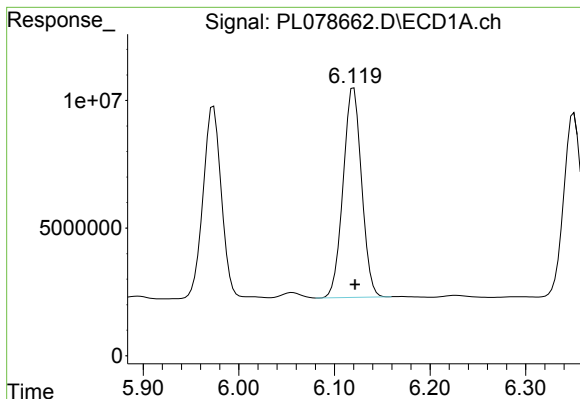
#12 4,4'-DDE

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 98307944
Conc: 49.12 ng/ml



#12 4,4'-DDE

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 144240004
Conc: 52.98 ng/ml



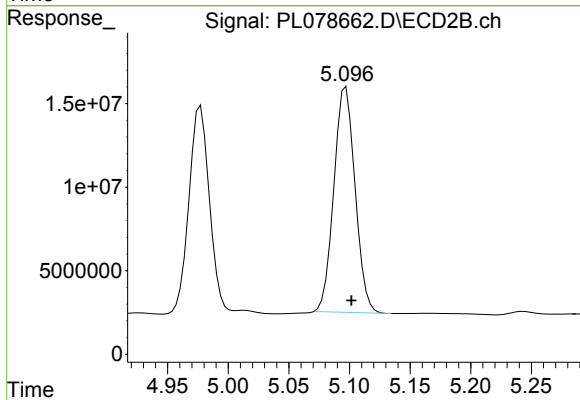
#13 Dieldrin

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 110478386
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

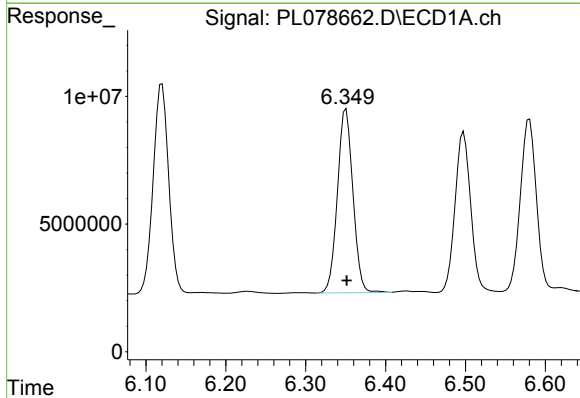
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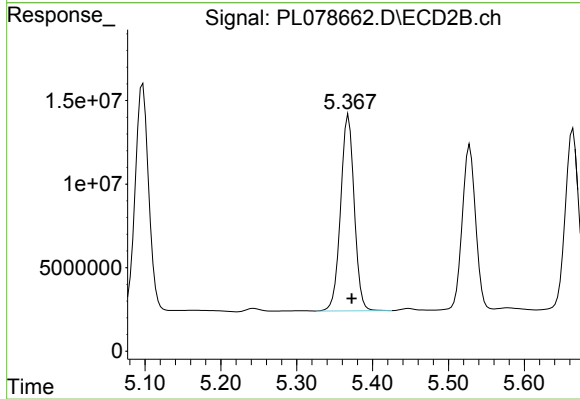
#13 Dieldrin

R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 163708343
Conc: 55.25 ng/ml



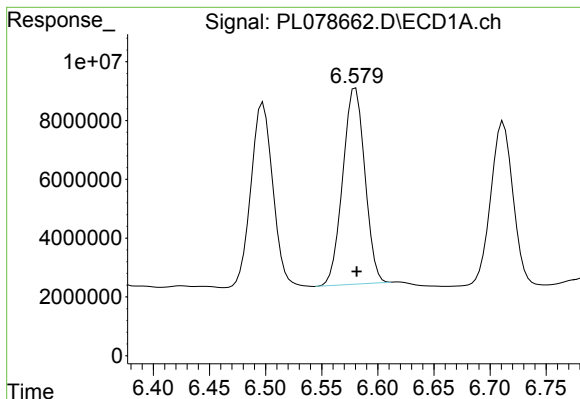
#14 Endrin

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 97077255
Conc: 51.15 ng/ml



#14 Endrin

R.T.: 5.368 min
Delta R.T.: -0.004 min
Response: 146415543
Conc: 56.20 ng/ml



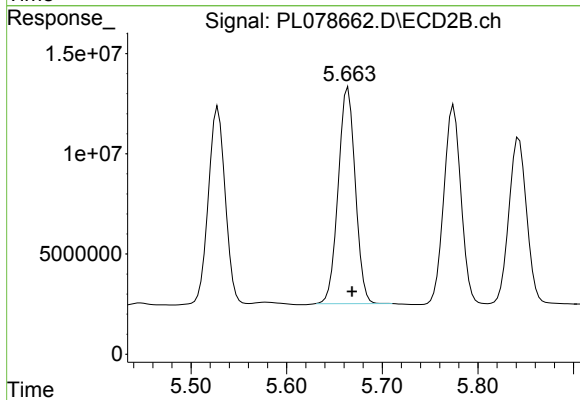
#15 Endosulfan II

R.T.: 6.580 min
Delta R.T.: -0.001 min
Response: 91568307
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

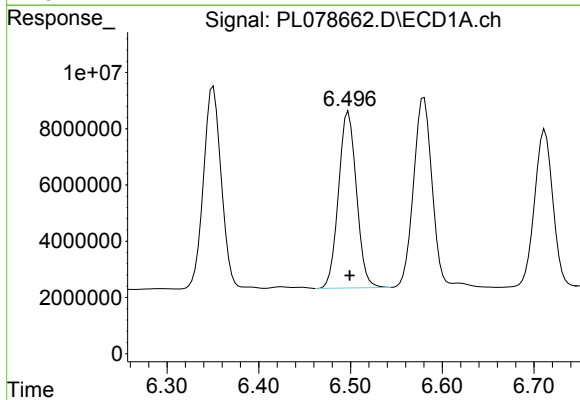
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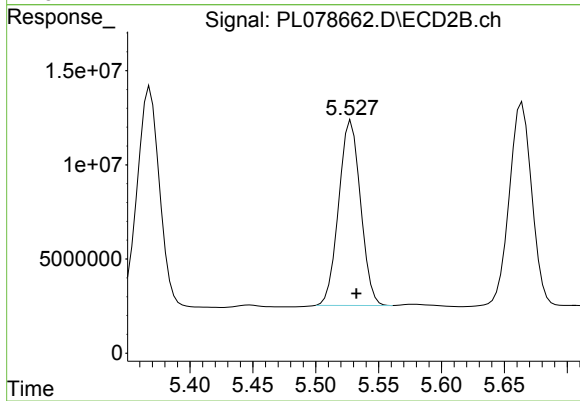
#15 Endosulfan II

R.T.: 5.664 min
Delta R.T.: -0.004 min
Response: 134093522
Conc: 58.91 ng/ml



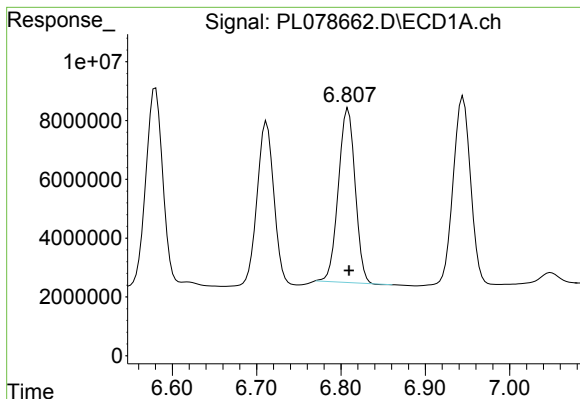
#16 4,4'-DDD

R.T.: 6.498 min
Delta R.T.: -0.001 min
Response: 85172070
Conc: 51.09 ng/ml



#16 4,4'-DDD

R.T.: 5.528 min
Delta R.T.: -0.004 min
Response: 118677419
Conc: 54.03 ng/ml



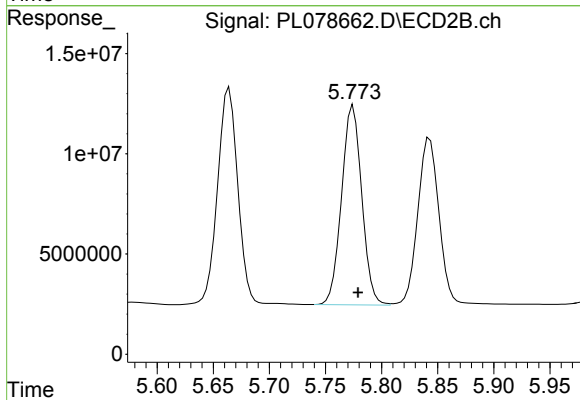
#17 4,4'-DDT

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 81550663
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

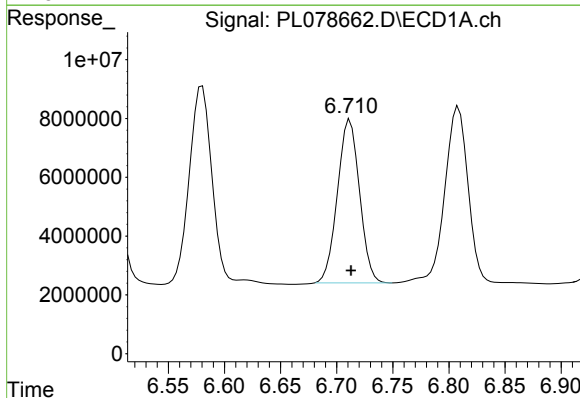
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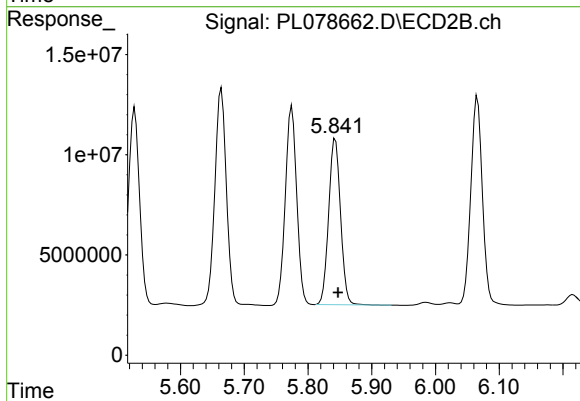
#17 4,4'-DDT

R.T.: 5.773 min
Delta R.T.: -0.006 min
Response: 124711883
Conc: 57.49 ng/ml m



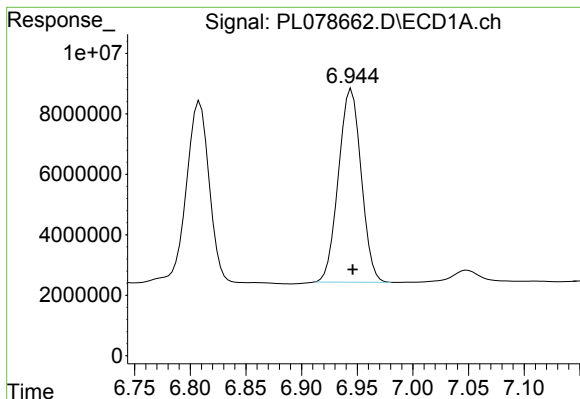
#18 Endrin aldehyde

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 76178651
Conc: 52.35 ng/ml



#18 Endrin aldehyde

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 107435012
Conc: 57.24 ng/ml



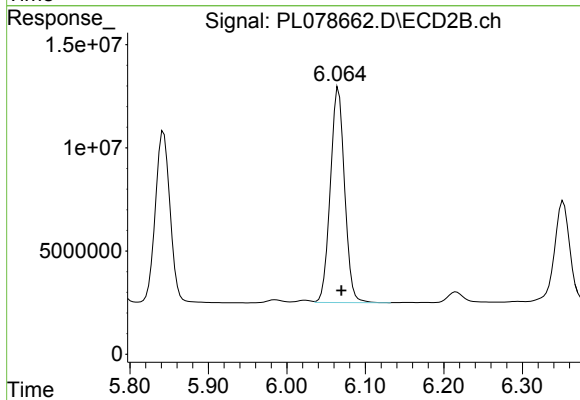
#19 Endosulfan Sulfate

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 90752841
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

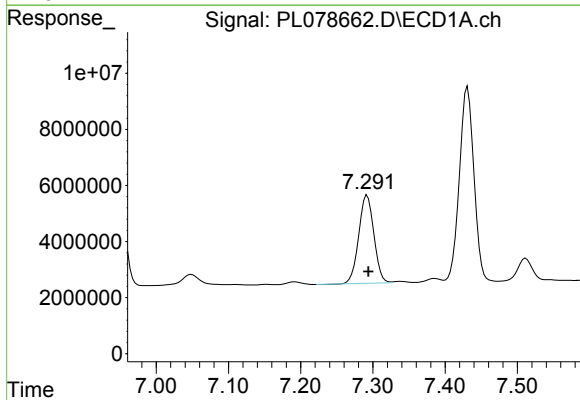
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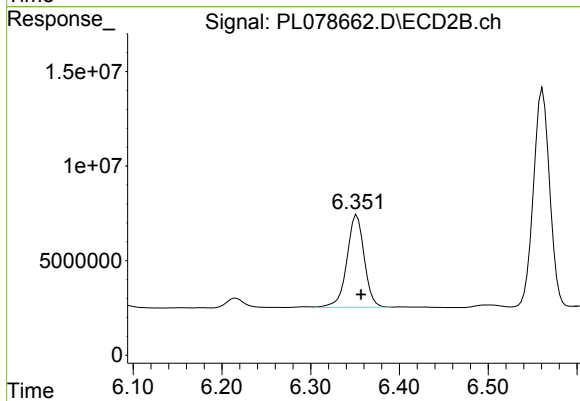
#19 Endosulfan Sulfate

R.T.: 6.066 min
Delta R.T.: -0.004 min
Response: 131276361
Conc: 55.15 ng/ml



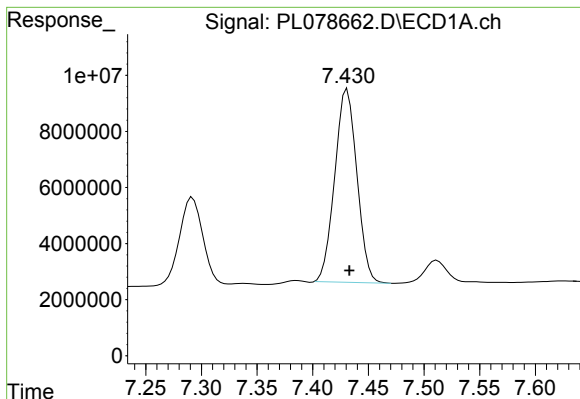
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 45751285
Conc: 49.68 ng/ml



#20 Methoxychlor

R.T.: 6.352 min
Delta R.T.: -0.005 min
Response: 66096707
Conc: 58.25 ng/ml



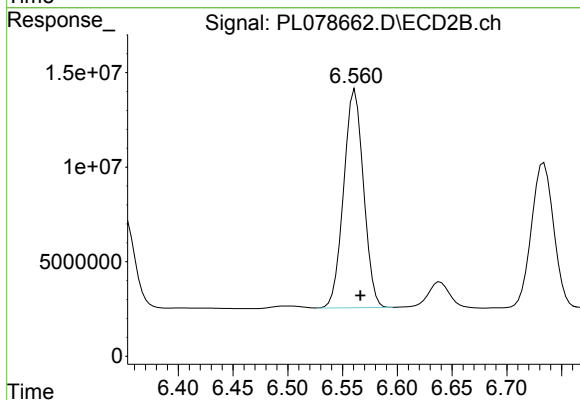
#21 Endrin ketone

R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 95252466
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

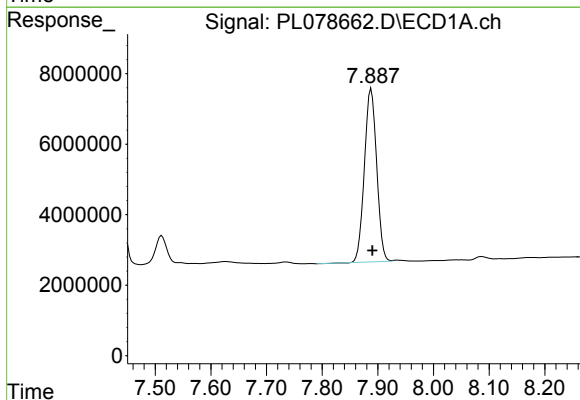
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2022
Supervised By :Ankita Jodhani 11/01/2022



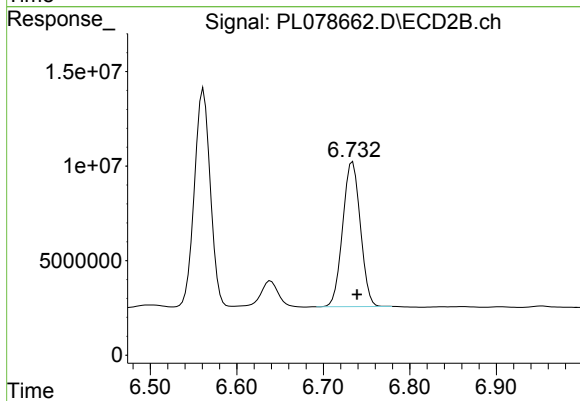
#21 Endrin ketone

R.T.: 6.561 min
Delta R.T.: -0.005 min
Response: 145662885
Conc: 56.36 ng/ml



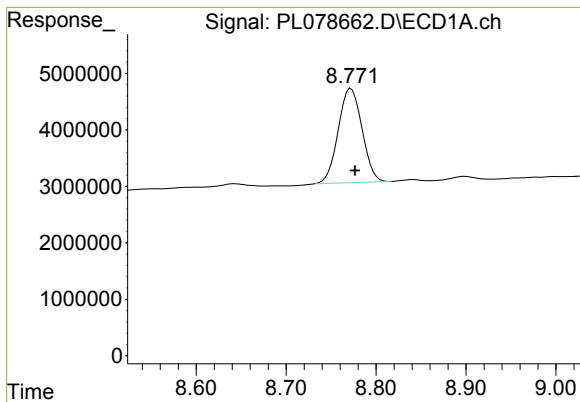
#22 Mirex

R.T.: 7.888 min
Delta R.T.: -0.002 min
Response: 75123687
Conc: 51.46 ng/ml



#22 Mirex

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 107998685
Conc: 54.88 ng/ml



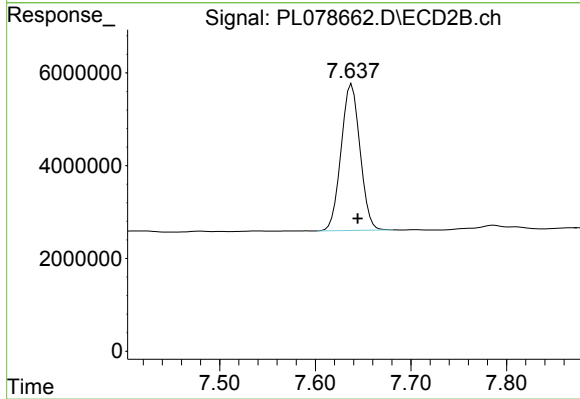
#28 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.004 min
Response: 30674664
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
BIN 1-2-(2840)-COMP-1MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 11/01/2022



#28 Decachlorobiphenyl

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 43559355
Conc: 23.00 ng/ml