

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
 Data File : PL086138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 21:15
 Operator : AR\AJ
 Sample : 05015-02MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11991MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/25/2023
 Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 23:36:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.621	44979264	17351946	15.123	18.576
28)	SA Decachlor...	8.854	7.769	34514872	23494675	15.847	25.455m#
Target Compounds							
2)	A alpha-BHC	3.809	3.120	215.5E6	61191223	50.203	48.637
3)	MA gamma-BHC...	4.139	3.447	211.6E6	62064330	51.194m	50.322
4)	MA Heptachlor	4.728	3.783	173.5E6	59993769	44.851	51.583
5)	MB Aldrin	5.062	4.060	378.0E6	60902178	97.507m	54.461 #
6)	B beta-BHC	4.344	3.749	89080415	26589402	53.870	51.076
7)	B delta-BHC	4.587	3.974	205.4E6	60498366	53.555	52.654
8)	B Heptachlo...	5.496	4.565	304.2E6	77710344	88.180m	77.370
9)	A Endosulfan I	5.880	4.932	194.8E6	55508830	60.235	51.745
10)	B gamma-Chl...	5.755	4.815	382.3E6	116.2E6	111.743	117.297m
11)	B alpha-Chl...	5.835	4.880	544.2E6	152.0E6	159.239	139.338
12)	B 4,4'-DDE	6.017	5.079	170.4E6	57354871	60.949	69.848
13)	MA Dieldrin	6.157	5.197	192.3E6	55802365	58.520	57.515
14)	MA Endrin	6.385	5.471	143.8E6	51370944	50.446	57.142
15)	B Endosulfa...	6.609	5.769	156.6E6	58576033	56.847	61.598
16)	A 4,4'-DDD	6.536	5.635	130.2E6	41081192	64.620	59.021
17)	MA 4,4'-DDT	6.850	5.885	118.6E6	44331778	50.321	56.063
18)	B Endrin al...	6.739	5.950	117.6E6	42526668	58.009	57.028
19)	B Endosulfa...	6.976	6.175	141.1E6	42076466	56.241	46.642
20)	A Methoxychlor	7.335	6.470	67772365	27321033	48.526	51.934
21)	B Endrin ke...	7.457	6.676	153.3E6	58023857	53.213	50.481
22)	Mirex	7.930	6.853	137.7E6	57291804	62.179	60.744

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
Data File : PL086138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 21:15
Operator : AR\AJ
Sample : 05015-02MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

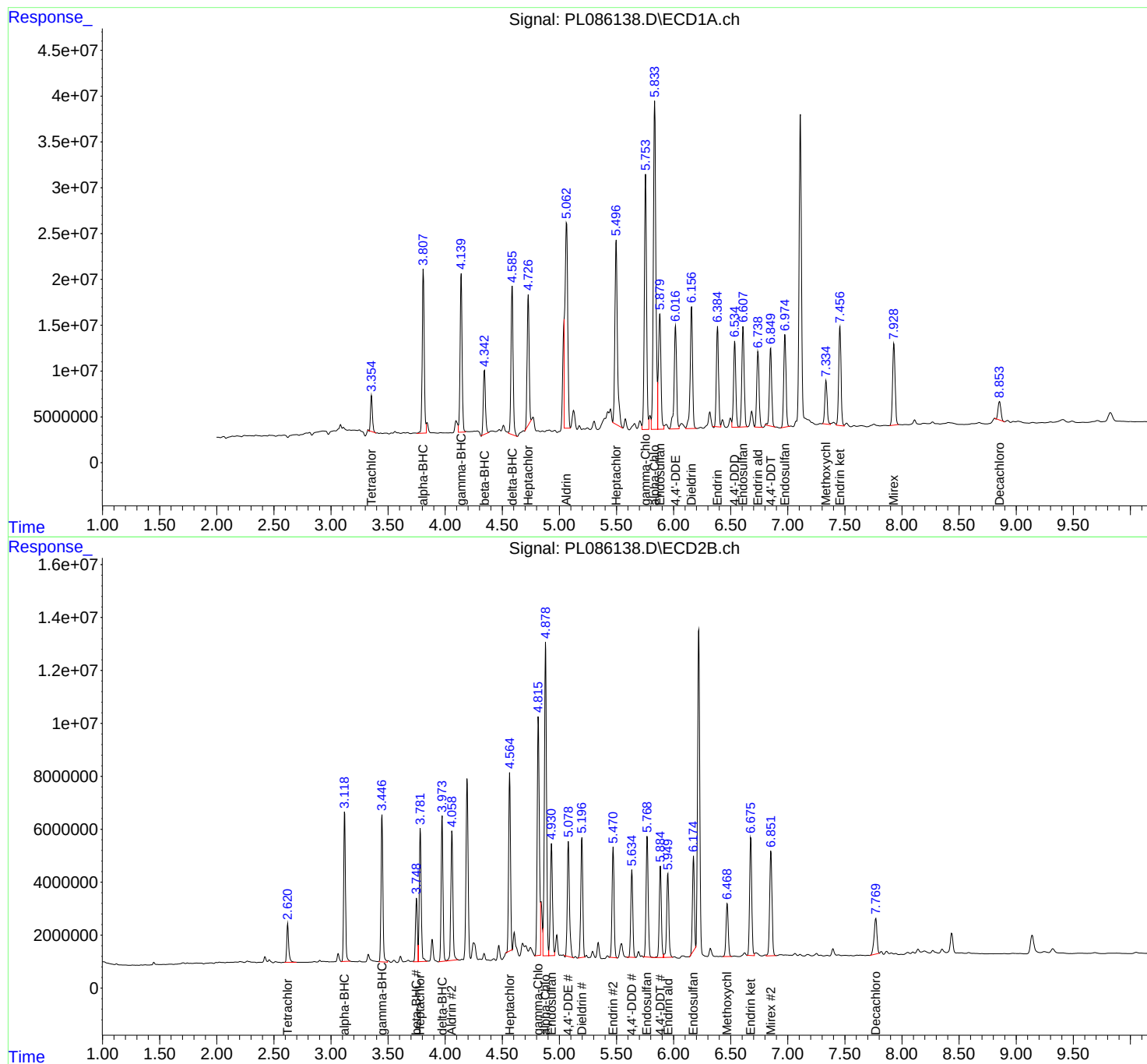
Instrument :
ECD_L
ClientSampleId :
72-11991MS

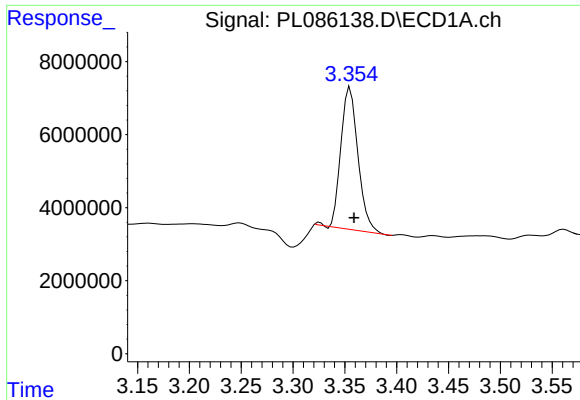
Manual Integrations
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Reviewed By : Abdul Mirza 10/25/2023
Supervised By : Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 23:36:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
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Integrator: ChemStation

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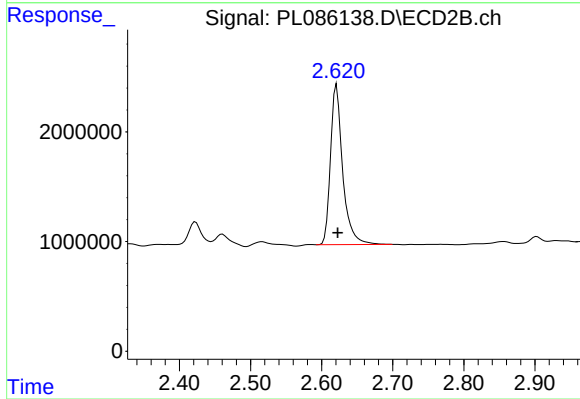
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 44979264
Conc: 15.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

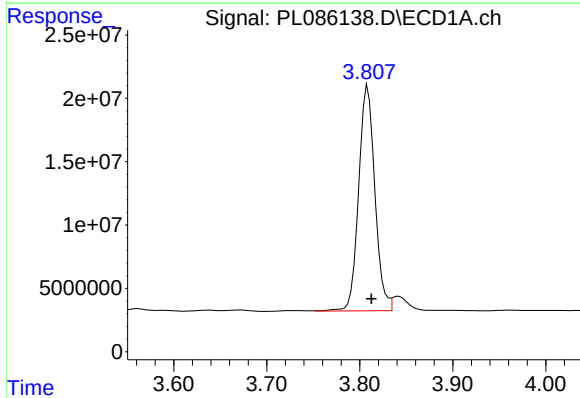
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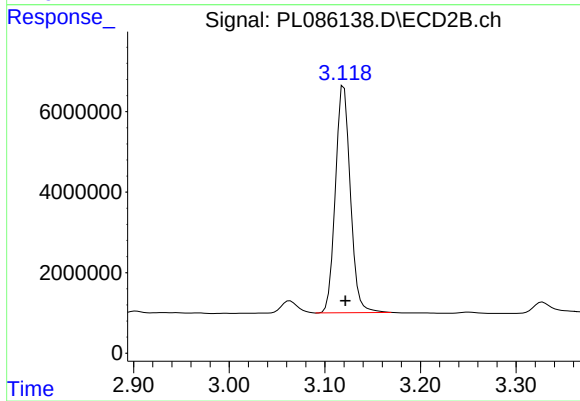
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 17351946
Conc: 18.58 ng/ml



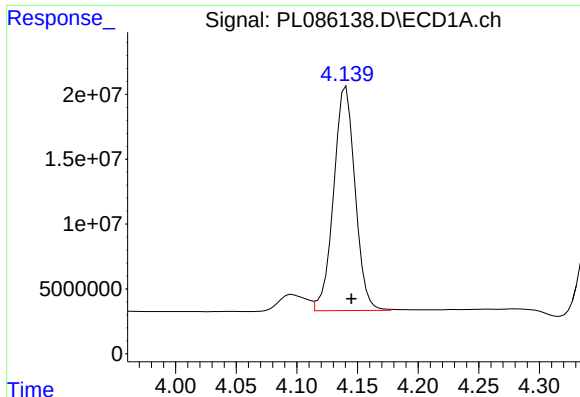
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 215465047
Conc: 50.20 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 61191223
Conc: 48.64 ng/ml



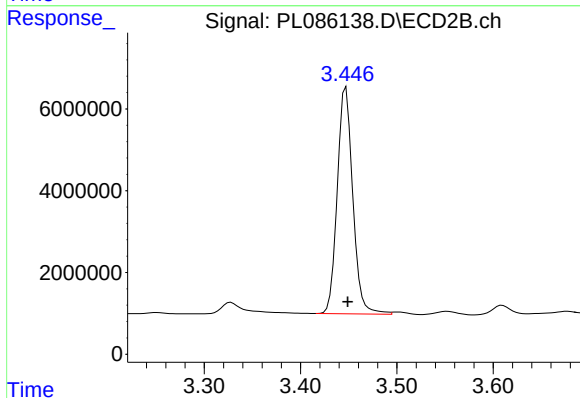
#3 gamma-BHC (Lindane)

R.T.: 4.139 min
Delta R.T.: -0.006 min
Response: 211603073
Conc: 51.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

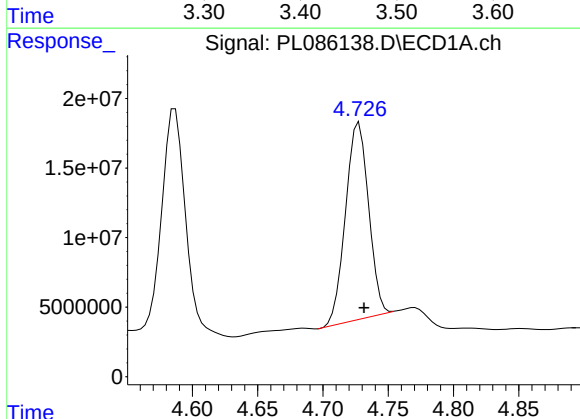
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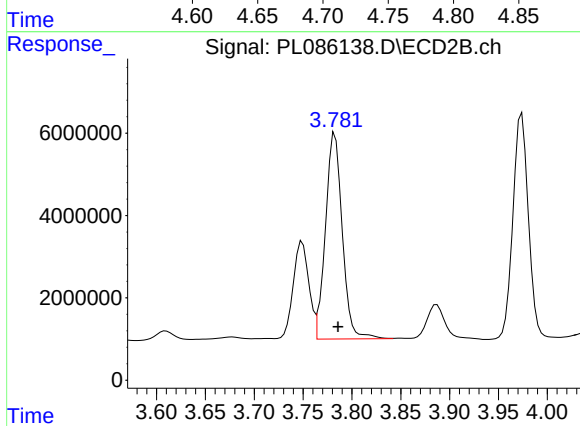
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 62064330
Conc: 50.32 ng/ml



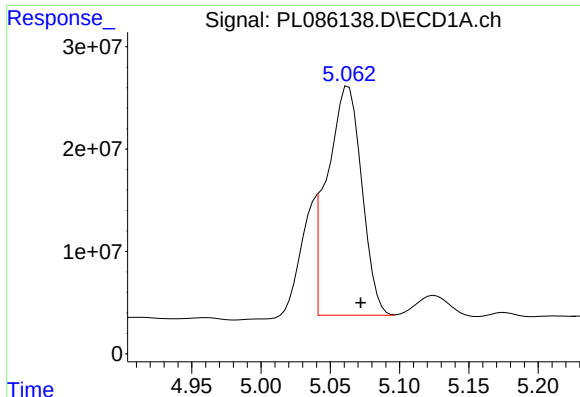
#4 Heptachlor

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 173465867
Conc: 44.85 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 59993769
Conc: 51.58 ng/ml



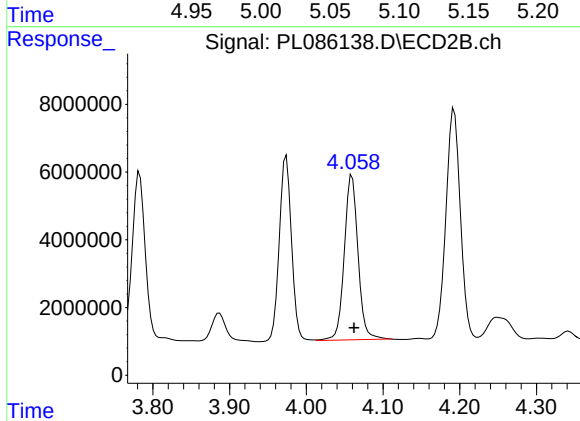
#5 Aldrin

R.T.: 5.062 min
Delta R.T.: -0.010 min
Response: 377971684
Conc: 97.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

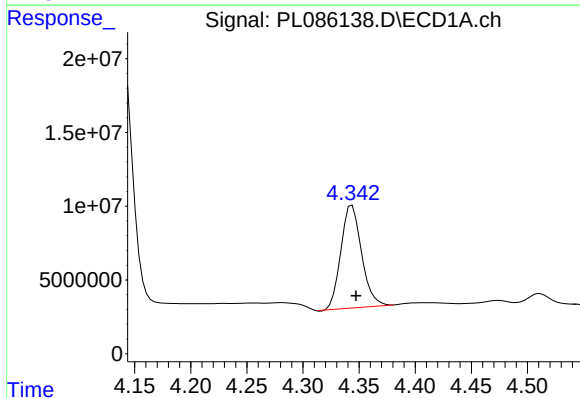
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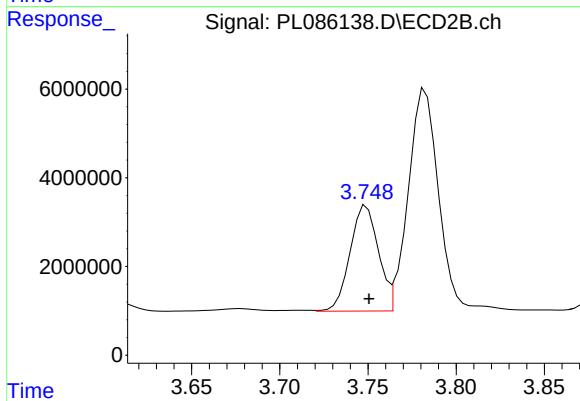
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.003 min
Response: 60902178
Conc: 54.46 ng/ml



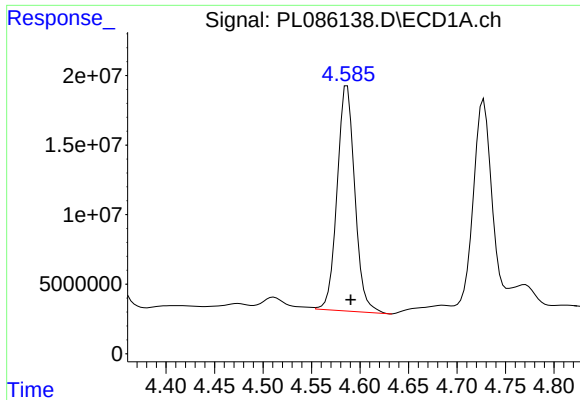
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 89080415
Conc: 53.87 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.001 min
Response: 26589402
Conc: 51.08 ng/ml



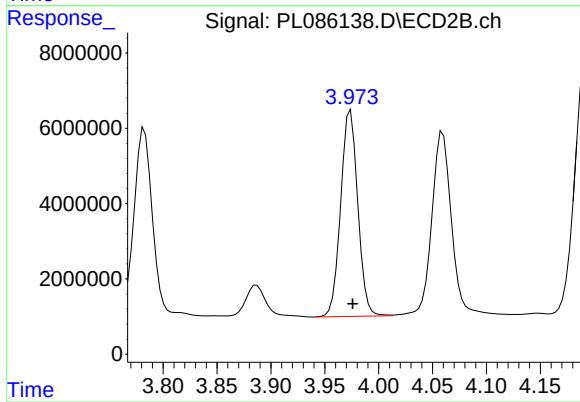
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 205352736
Conc: 53.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

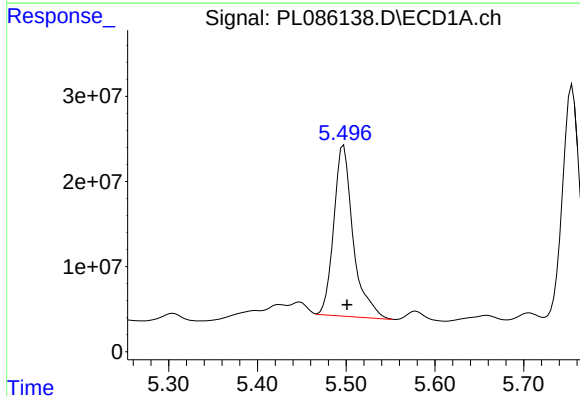
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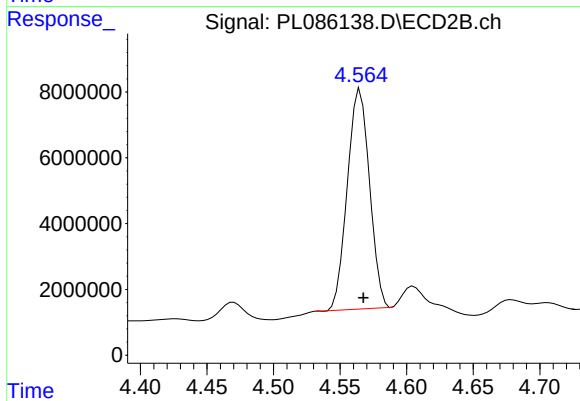
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 60498366
Conc: 52.65 ng/ml



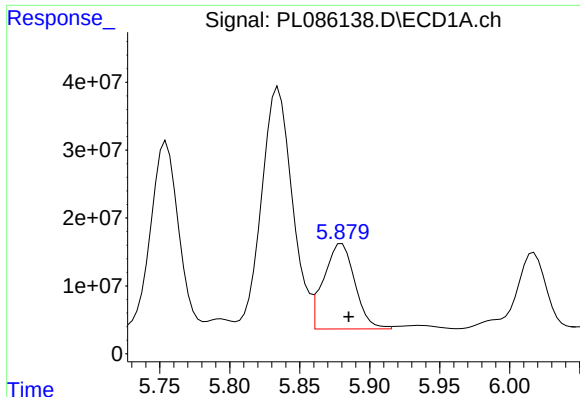
#8 Heptachlor epoxide

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 304206203
Conc: 88.18 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 77710344
Conc: 77.37 ng/ml



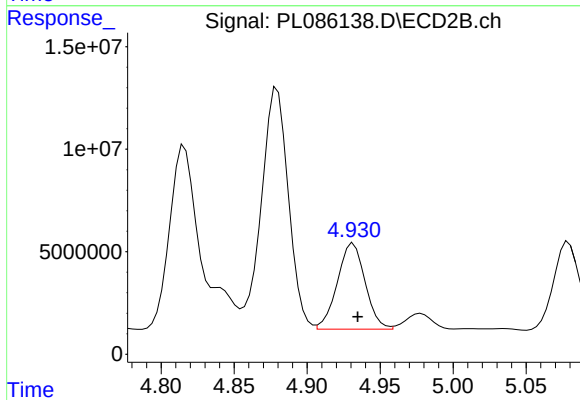
#9 Endosulfan I

R.T.: 5.880 min
Delta R.T.: -0.005 min
Response: 194800563
Conc: 60.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

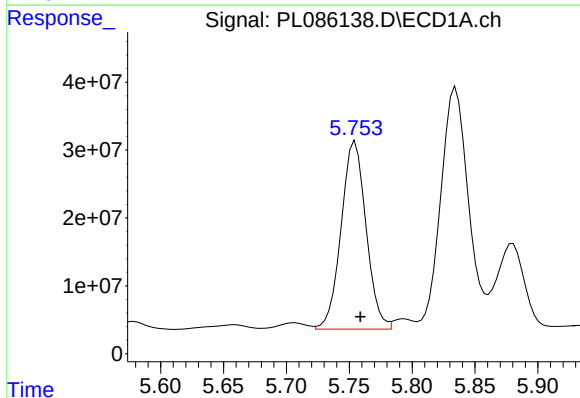
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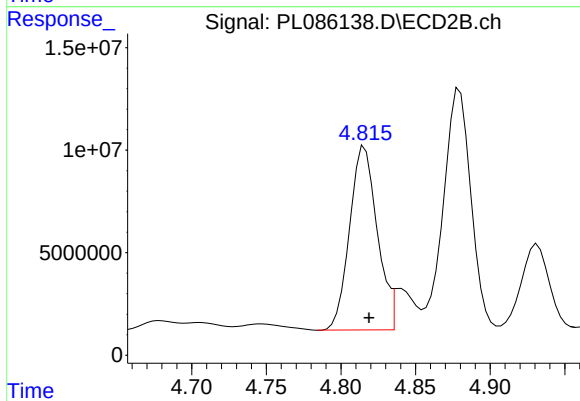
#9 Endosulfan I

R.T.: 4.932 min
Delta R.T.: -0.003 min
Response: 55508830
Conc: 51.74 ng/ml



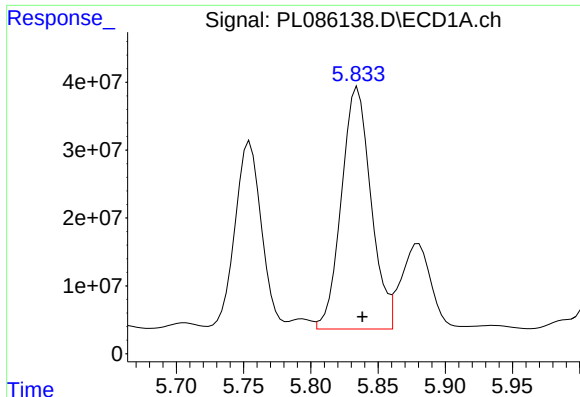
#10 gamma-Chlordane

R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 382318842
Conc: 111.74 ng/ml



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 116169024
Conc: 117.30 ng/ml m



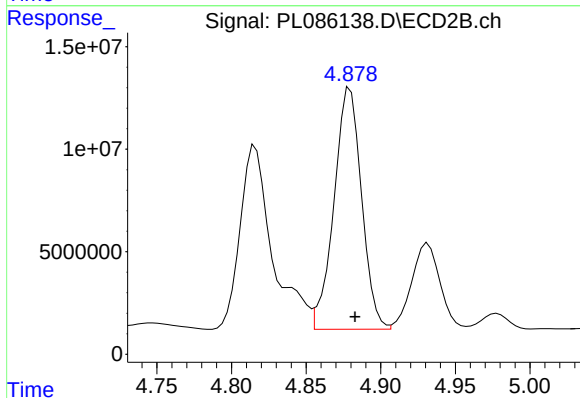
#11 alpha-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.004 min
Response: 544224725
Conc: 159.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

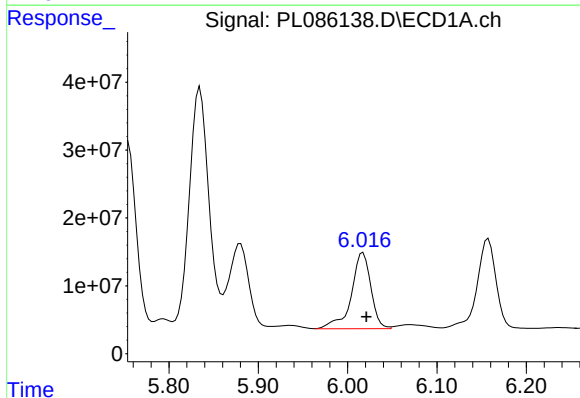
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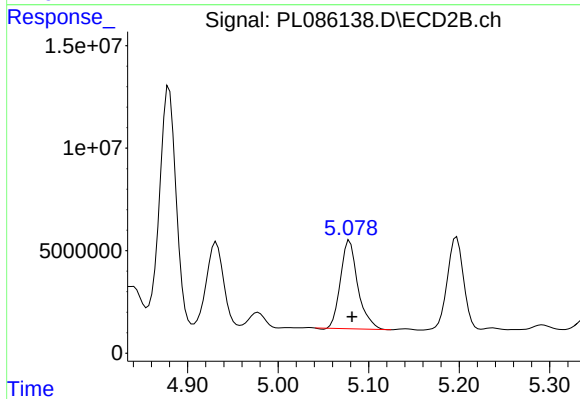
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.003 min
Response: 151979982
Conc: 139.34 ng/ml



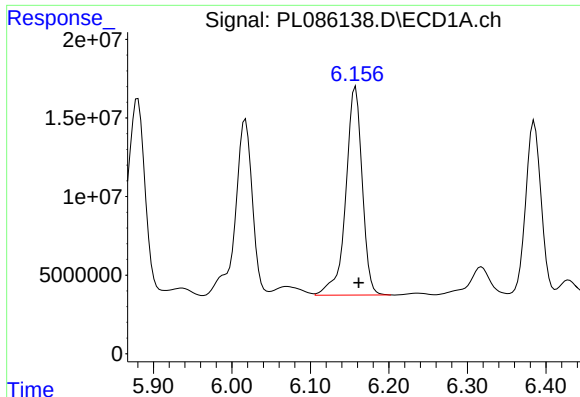
#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 170446174
Conc: 60.95 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.003 min
Response: 57354871
Conc: 69.85 ng/ml



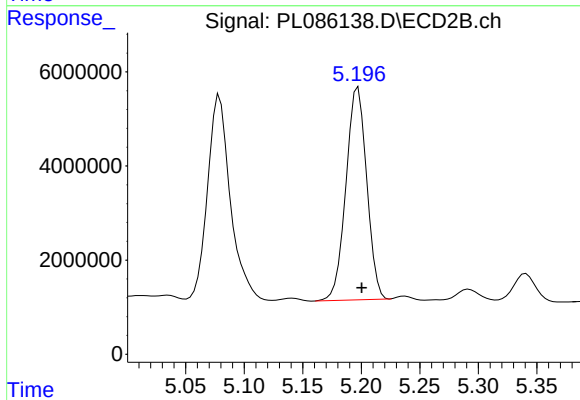
#13 Dieldrin

R.T.: 6.157 min
Delta R.T.: -0.004 min
Response: 192296348
Conc: 58.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

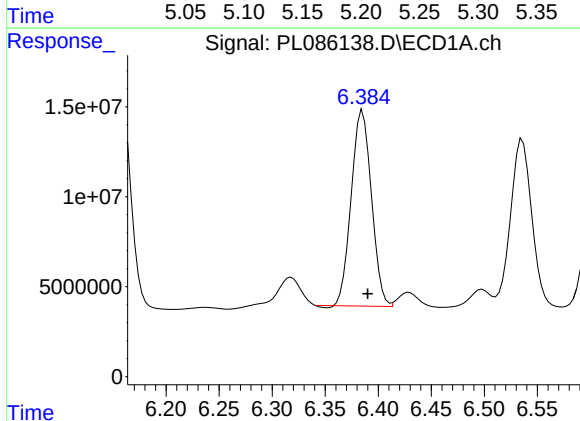
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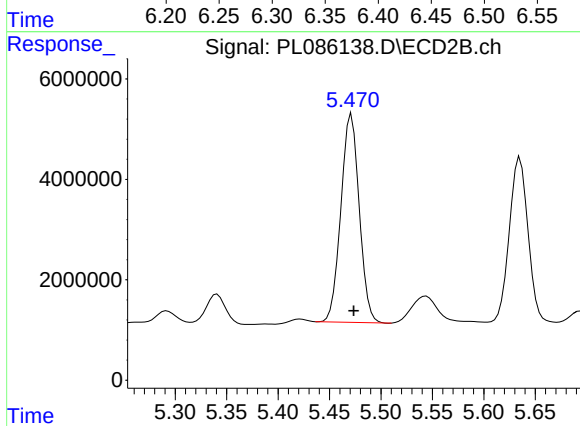
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.003 min
Response: 55802365
Conc: 57.51 ng/ml



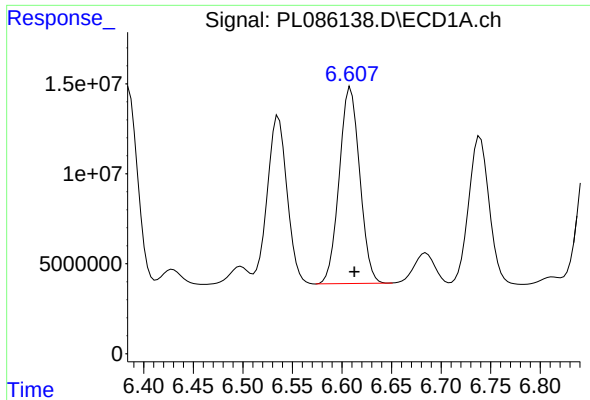
#14 Endrin

R.T.: 6.385 min
Delta R.T.: -0.005 min
Response: 143758943
Conc: 50.45 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.002 min
Response: 51370944
Conc: 57.14 ng/ml



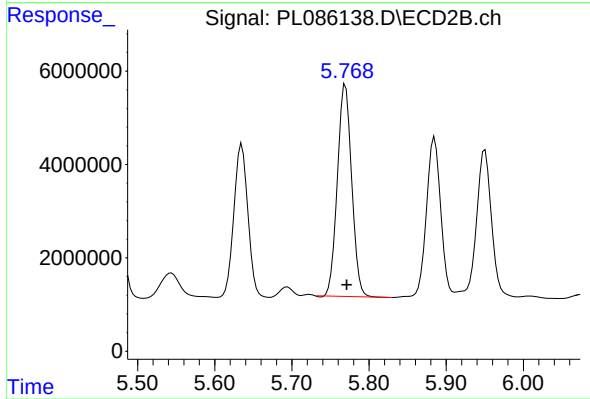
#15 Endosulfan II

R.T.: 6.609 min
Delta R.T.: -0.004 min
Response: 156642278
Conc: 56.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

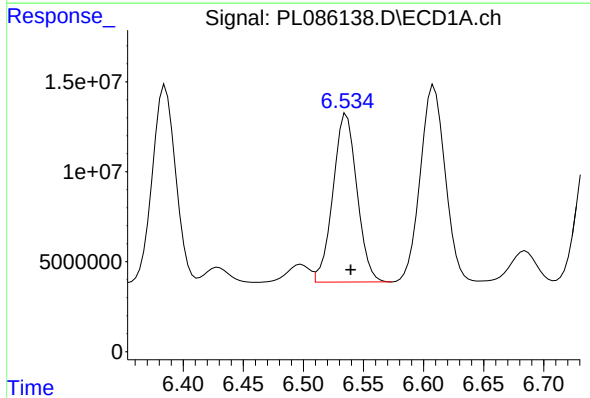
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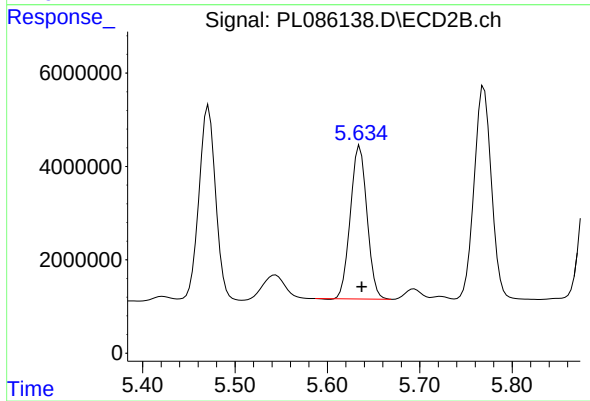
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 58576033
Conc: 61.60 ng/ml



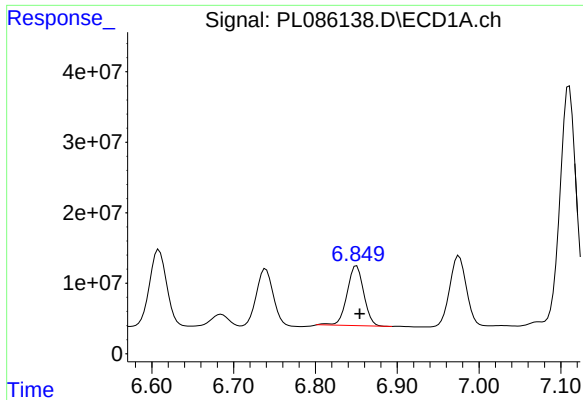
#16 4,4'-DDD

R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 130186622
Conc: 64.62 ng/ml



#16 4,4'-DDD

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 41081192
Conc: 59.02 ng/ml



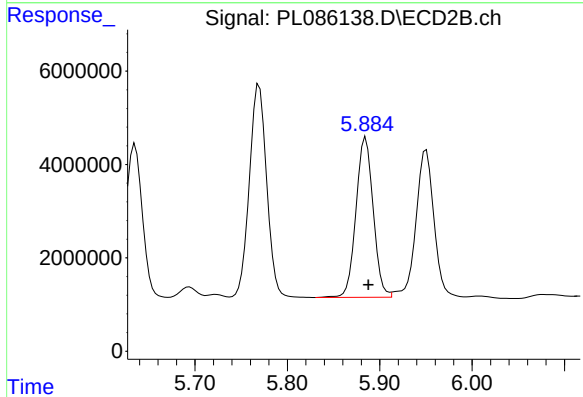
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 118611040
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

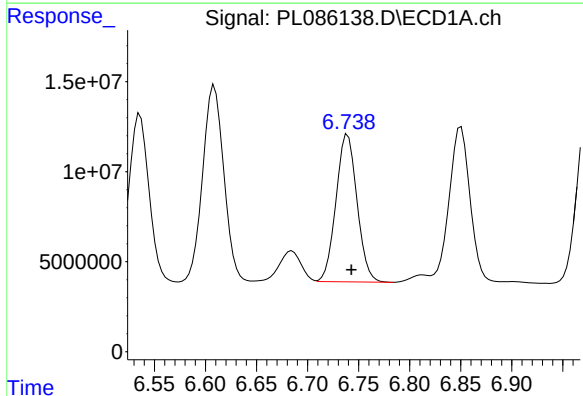
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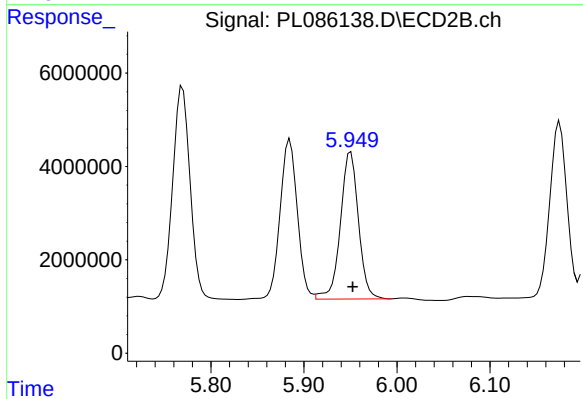
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 44331778
Conc: 56.06 ng/ml



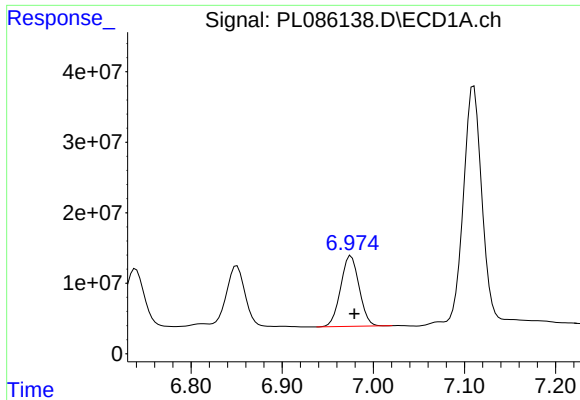
#18 Endrin aldehyde

R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 117569750
Conc: 58.01 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 42526668
Conc: 57.03 ng/ml



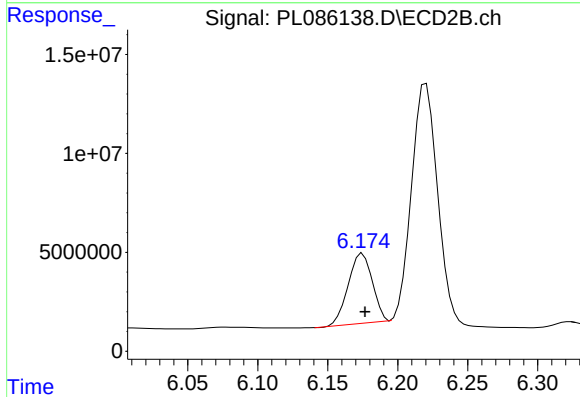
#19 Endosulfan Sulfate

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 141148584
Conc: 56.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

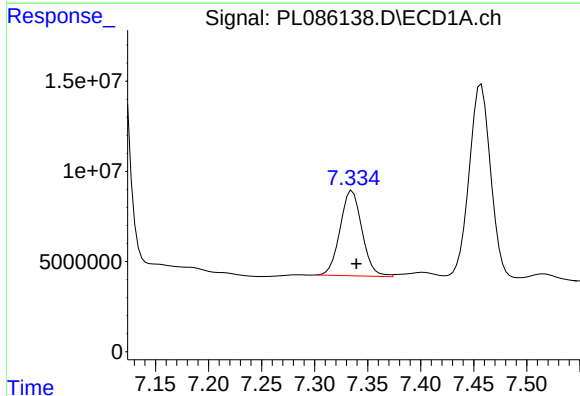
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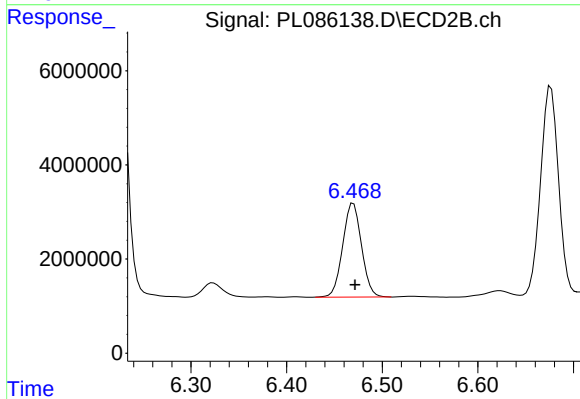
#19 Endosulfan Sulfate

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 42076466
Conc: 46.64 ng/ml



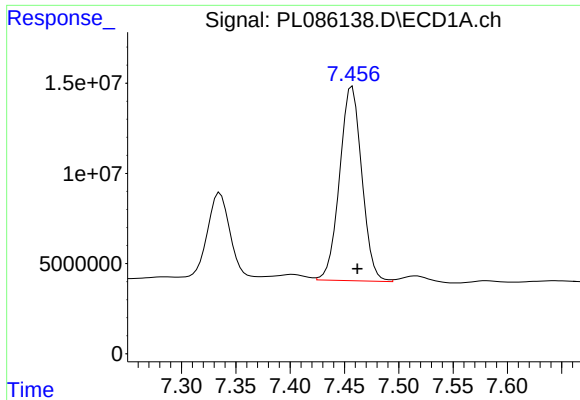
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: -0.004 min
Response: 67772365
Conc: 48.53 ng/ml



#20 Methoxychlor

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 27321033
Conc: 51.93 ng/ml



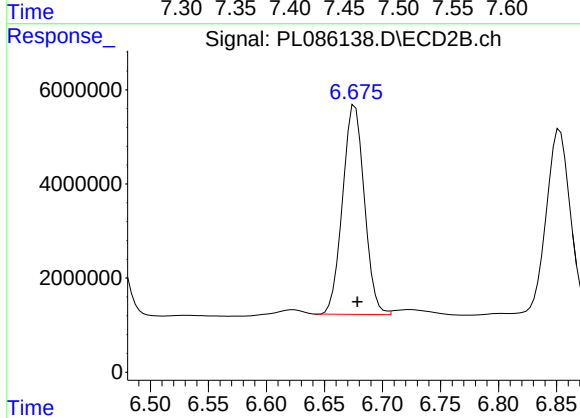
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 153267943
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

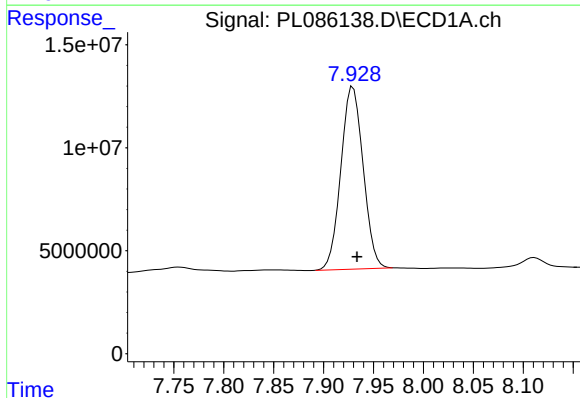
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Supervised By :Ankita Jodhani 10/25/2023



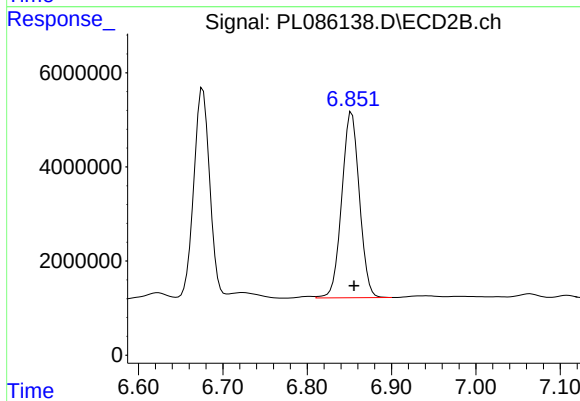
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 58023857
Conc: 50.48 ng/ml



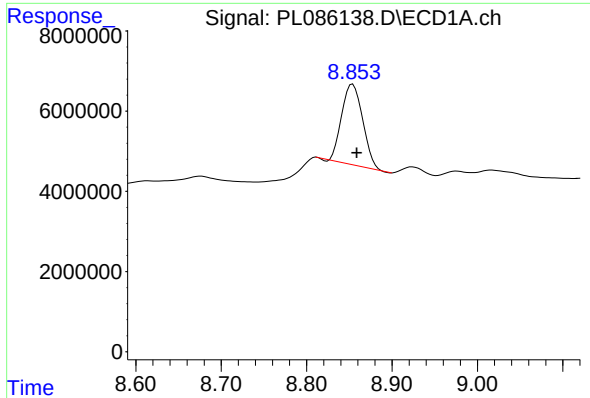
#22 Mirex

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 137662395
Conc: 62.18 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 57291804
Conc: 60.74 ng/ml



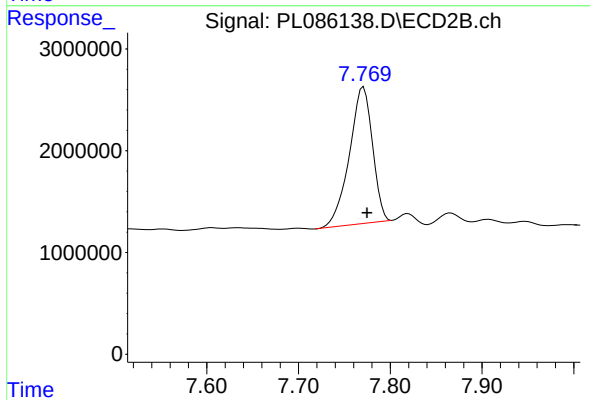
#28 Decachlorobiphenyl

R.T.: 8.854 min
Delta R.T.: -0.005 min
Response: 34514872
Conc: 15.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/25/2023
Supervised By :Ankita Jodhani 10/25/2023



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 23494675
Conc: 25.46 ng/ml m