

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
 Data File : PL086139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 21:29
 Operator : AR\AJ
 Sample : 05015-02MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11991MSD

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 23:37:47 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	45856304	17559093	15.418	18.798
2)	SA Decachlor...	8.855	7.770	35485015	24285662	16.292	26.312m#
Target Compounds							
2)	A alpha-BHC	3.809	3.120	218.0E6	62098818	50.782	49.358
3)	MA gamma-BHC...	4.139	3.447	212.2E6	62994193	51.335m	51.076
4)	MA Heptachlor	4.727	3.783	179.0E6	61244622	46.291	52.658
5)	MB Aldrin	5.062	4.060	391.5E6	62141458	100.998m	55.570 #
6)	B beta-BHC	4.344	3.749	89127632	27069029	53.898	51.997
7)	B delta-BHC	4.587	3.974	210.0E6	61845341	54.775	53.827
8)	B Heptachlo...	5.495	4.565	291.3E6	79792292	84.436m	79.443
9)	A Endosulfan I	5.879	4.932	200.3E6	57098397	61.932	53.227
10)	B gamma-Chl...	5.754	4.815	393.7E6	120.4E6	115.061	121.603m
11)	B alpha-Chl...	5.835	4.880	559.9E6	156.2E6	163.833	143.208
12)	B 4,4'-DDE	6.017	5.079	175.2E6	59296992	62.638	72.213
13)	MA Dieldrin	6.157	5.198	196.8E6	57346326	59.887	59.106
14)	MA Endrin	6.386	5.471	147.9E6	52880922	51.905	58.822
15)	B Endosulfa...	6.609	5.769	161.3E6	60533569	58.525	63.656
16)	A 4,4'-DDD	6.536	5.635	133.9E6	42509832	66.454	61.073
17)	MA 4,4'-DDT	6.851	5.885	122.6E6	46474036	51.996	58.772
18)	B Endrin al...	6.740	5.950	120.2E6	43134641	59.294	57.844
19)	B Endosulfa...	6.975	6.175	144.9E6	42976534	57.747	47.640
20)	A Methoxychlor	7.336	6.470	70197372	28597406	50.262	54.360
21)	B Endrin ke...	7.457	6.676	156.2E6	59892067	54.228	52.107
22)	Mirex	7.930	6.853	141.7E6	59114619	63.995	62.676

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
Data File : PL086139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 21:29
Operator : AR\AJ
Sample : 05015-02MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

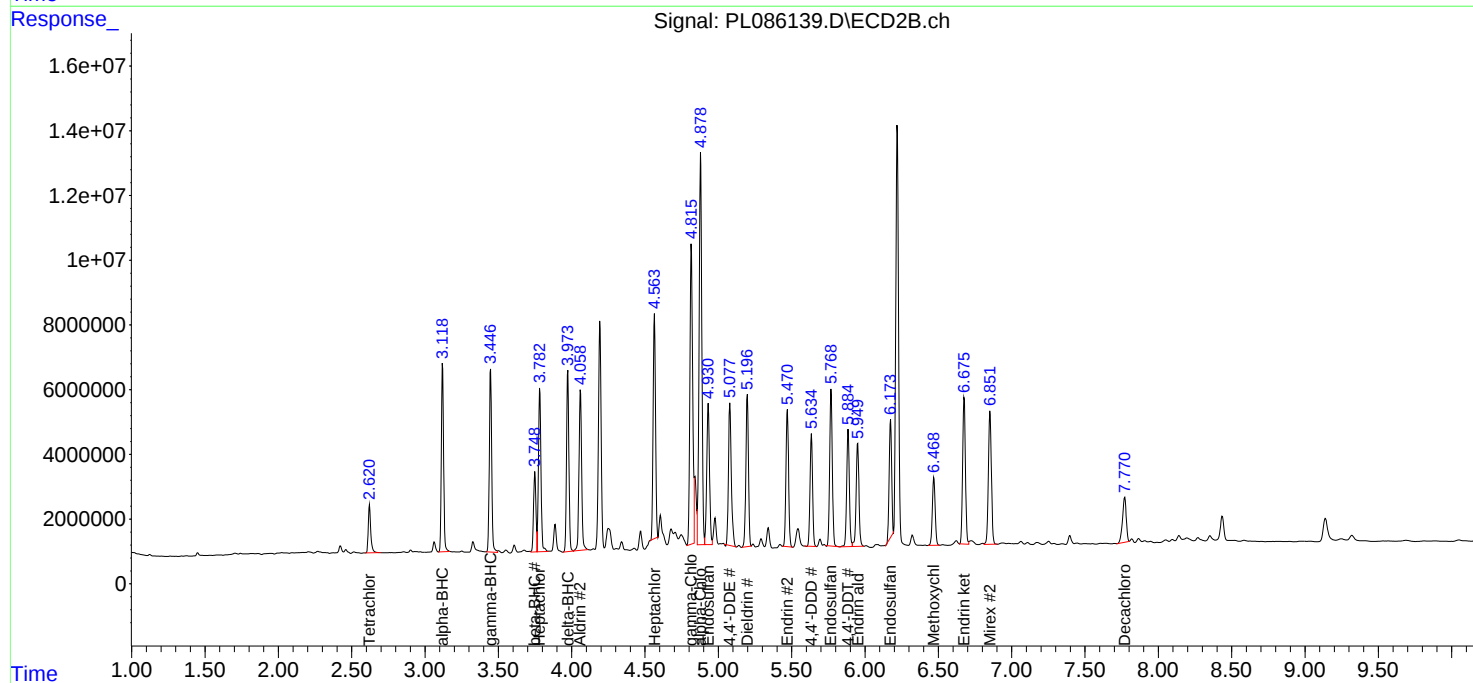
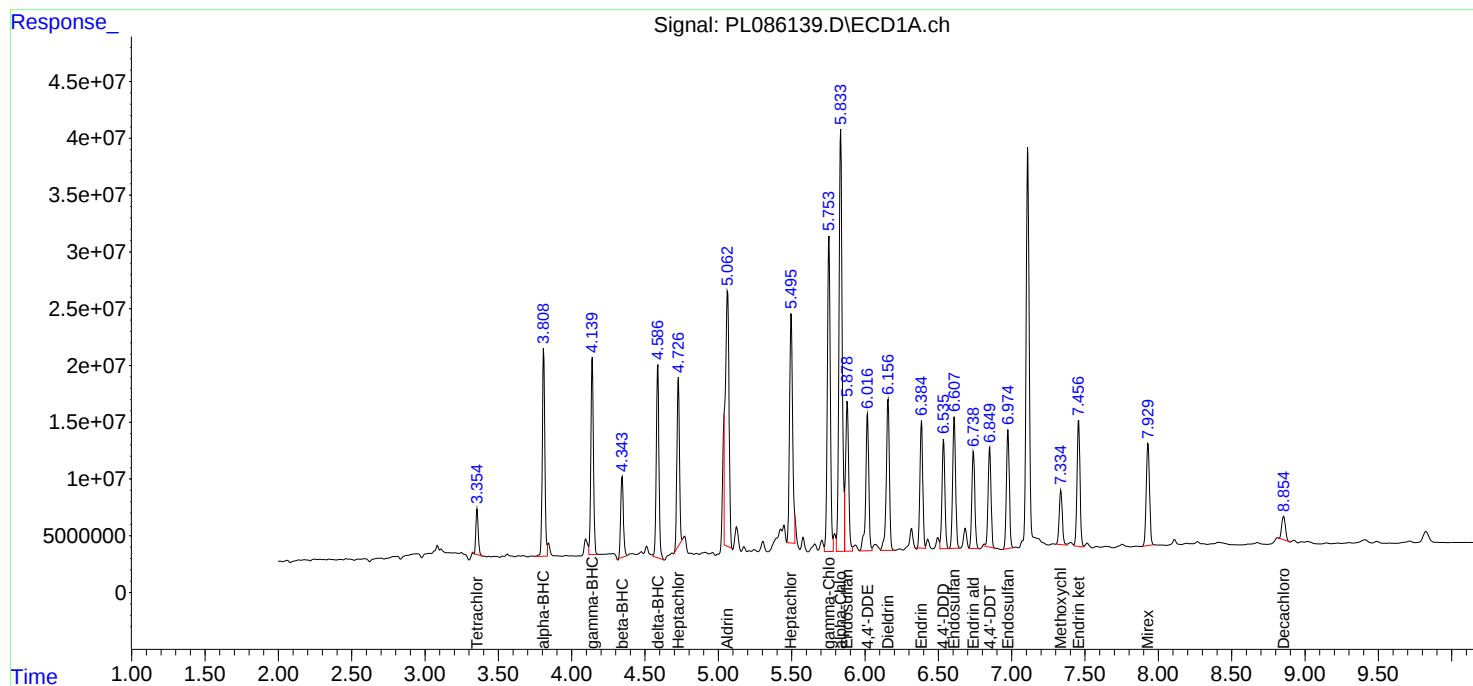
Instrument :
ECD_L
ClientSampleId :
72-11991MSD

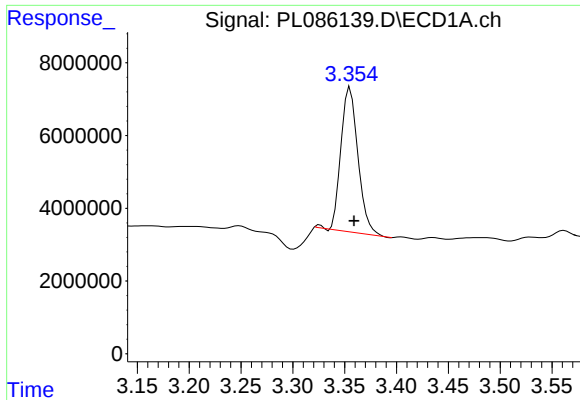
Manual Integrations
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Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 23:37:47 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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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





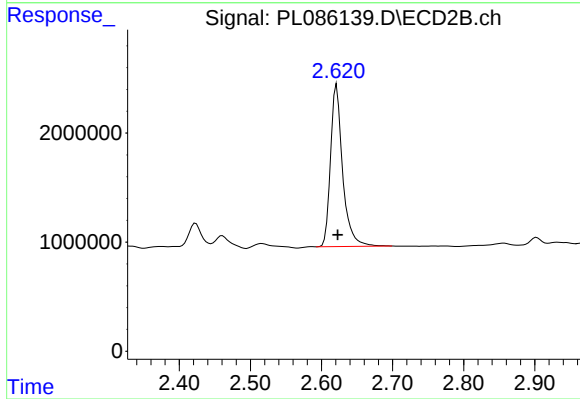
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 45856304
Conc: 15.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

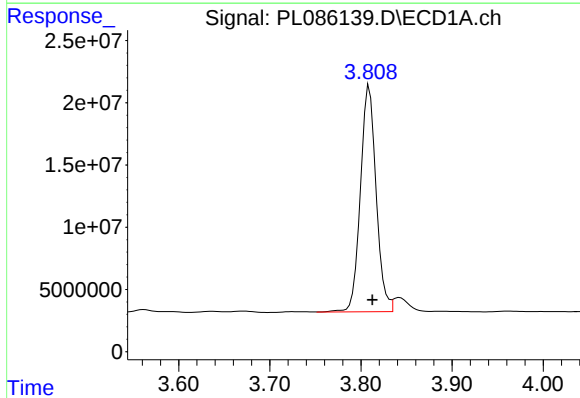
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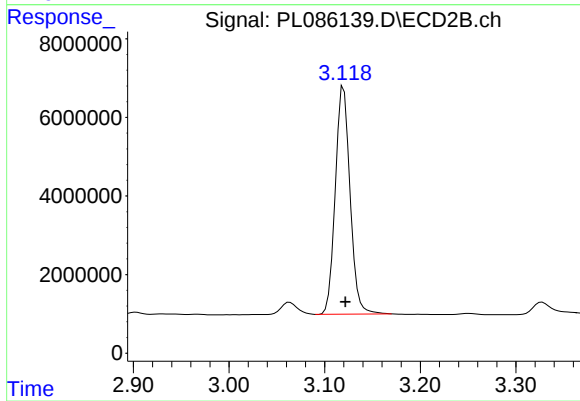
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.001 min
Response: 17559093
Conc: 18.80 ng/ml



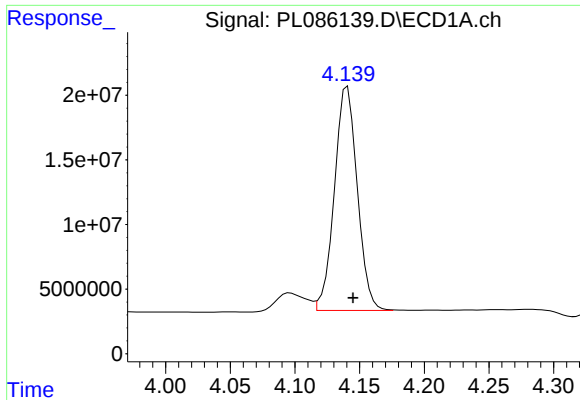
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 217951093
Conc: 50.78 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 62098818
Conc: 49.36 ng/ml



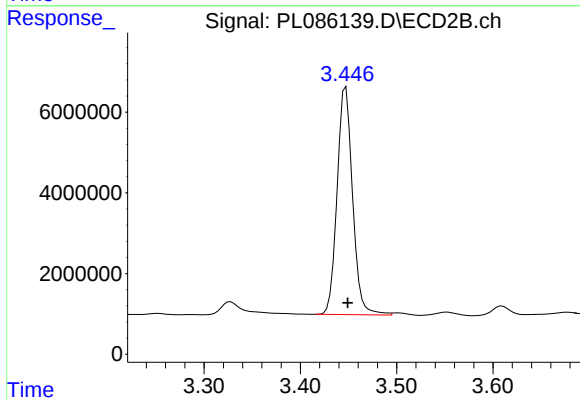
#3 gamma-BHC (Lindane)

R.T.: 4.139 min
Delta R.T.: -0.006 min
Response: 212184342
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

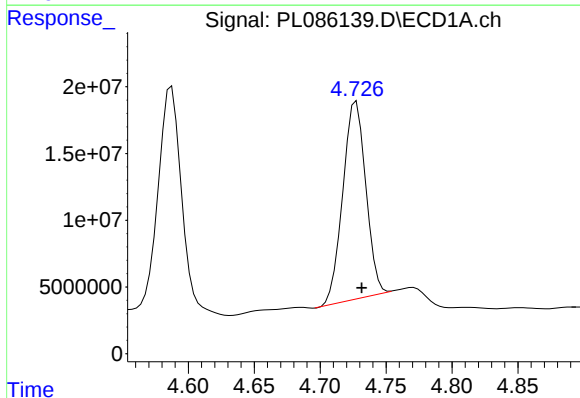
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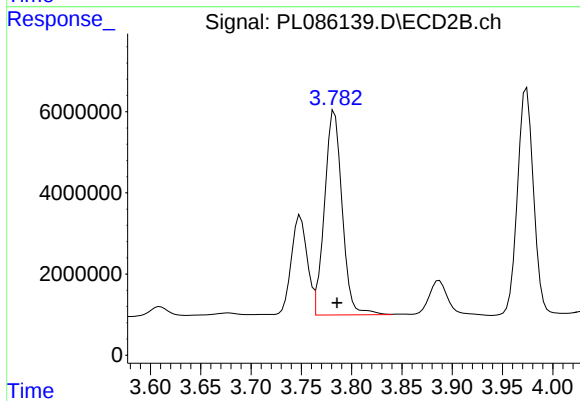
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 62994193
Conc: 51.08 ng/ml



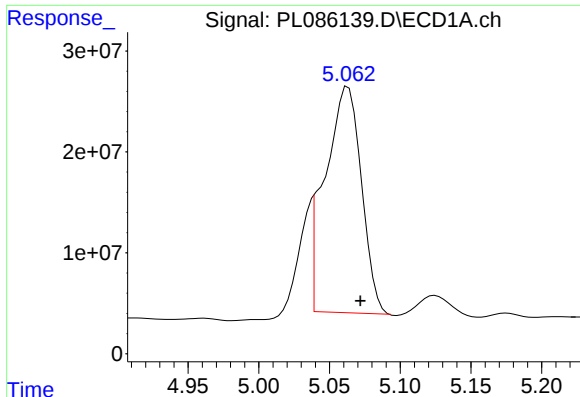
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.004 min
Response: 179035138
Conc: 46.29 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 61244622
Conc: 52.66 ng/ml



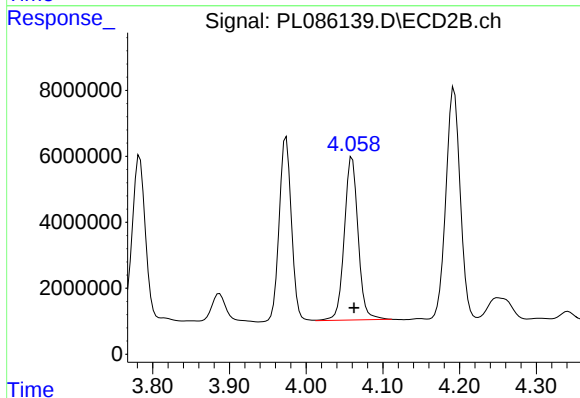
#5 Aldrin

R.T.: 5.062 min
Delta R.T.: -0.010 min
Response: 391502554
Conc: 101.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

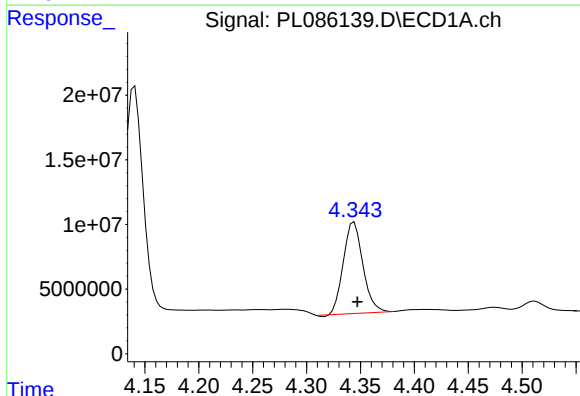
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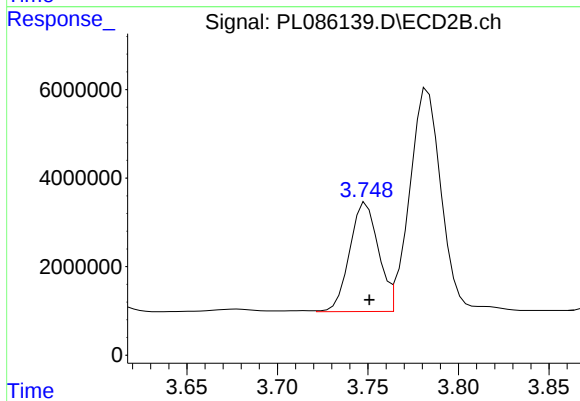
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.003 min
Response: 62141458
Conc: 55.57 ng/ml



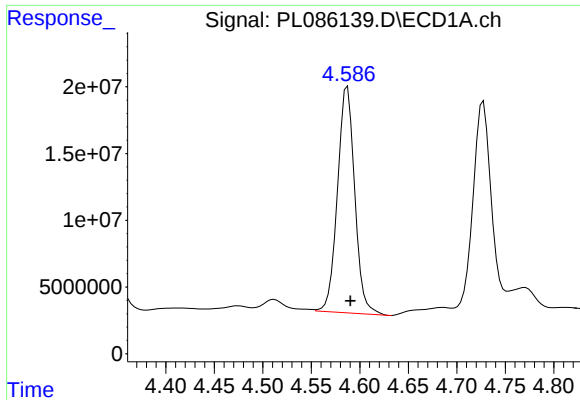
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 89127632
Conc: 53.90 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 27069029
Conc: 52.00 ng/ml



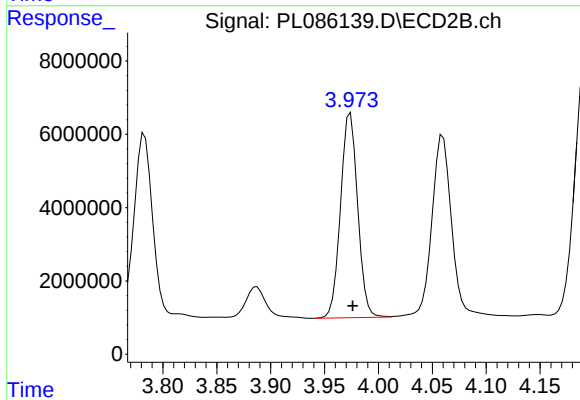
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 210027668
Conc: 54.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

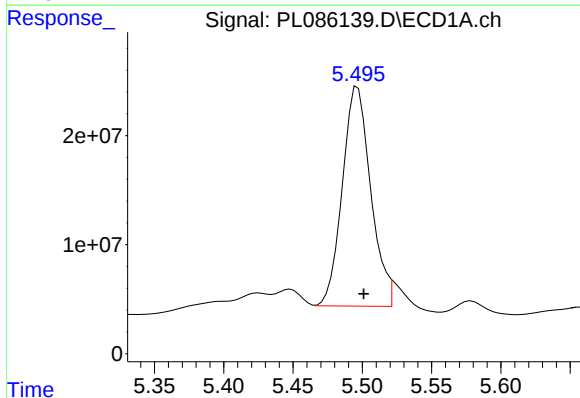
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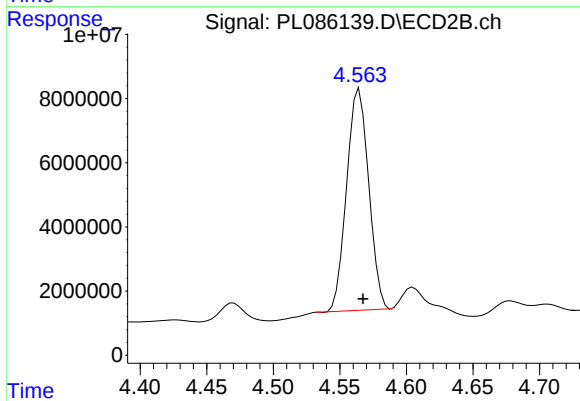
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 61845341
Conc: 53.83 ng/ml



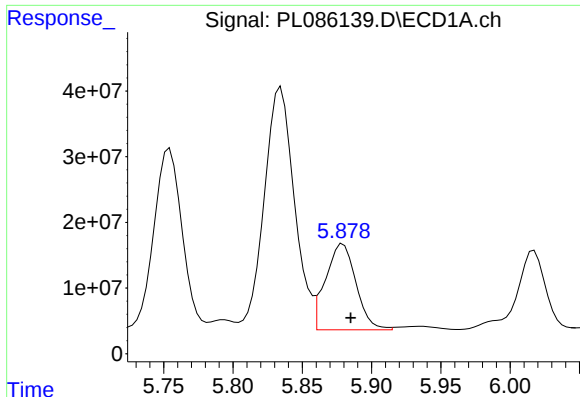
#8 Heptachlor epoxide

R.T.: 5.495 min
Delta R.T.: -0.006 min
Response: 291287527
Conc: 84.44 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 79792292
Conc: 79.44 ng/ml



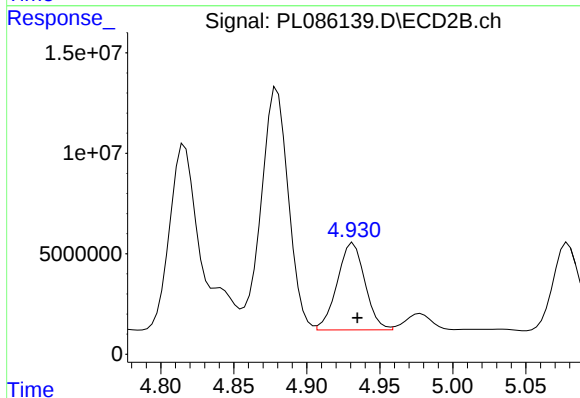
#9 Endosulfan I

R.T.: 5.879 min
Delta R.T.: -0.006 min
Response: 200289949
Conc: 61.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

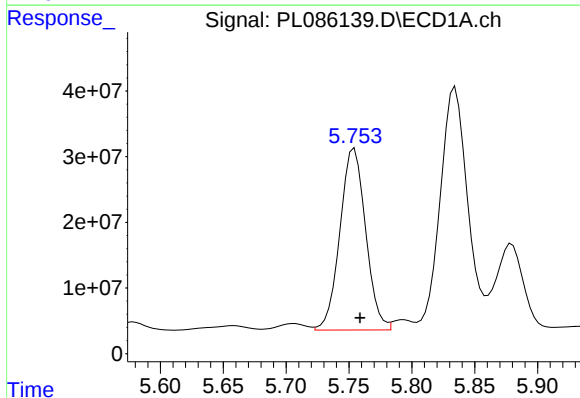
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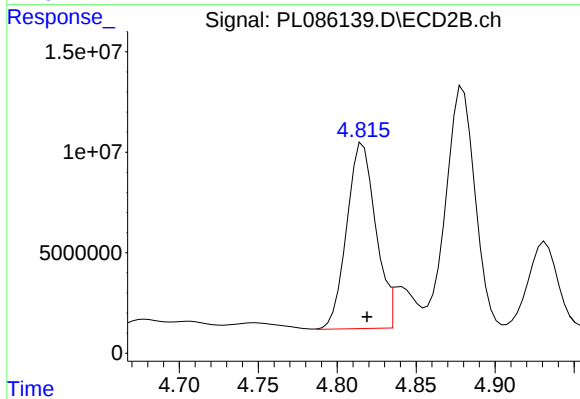
#9 Endosulfan I

R.T.: 4.932 min
Delta R.T.: -0.003 min
Response: 57098397
Conc: 53.23 ng/ml



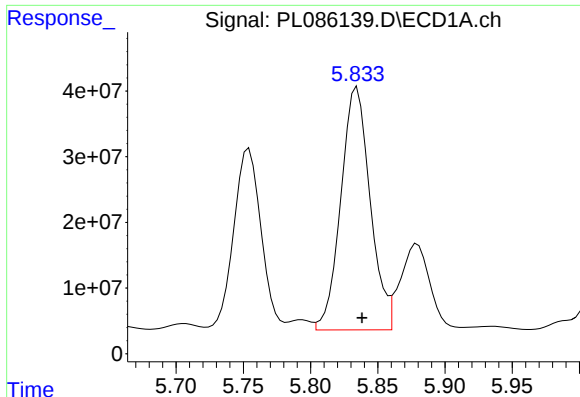
#10 gamma-Chlordane

R.T.: 5.754 min
Delta R.T.: -0.005 min
Response: 393672536
Conc: 115.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 120433748
Conc: 121.60 ng/ml m



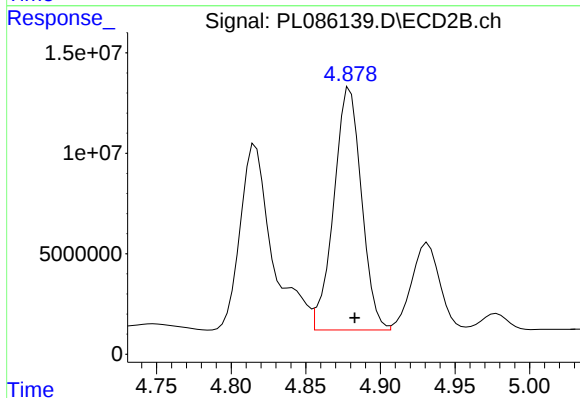
#11 alpha-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.004 min
Response: 55925107
Conc: 163.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

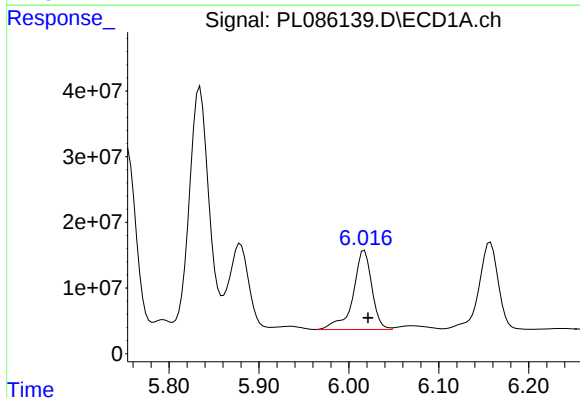
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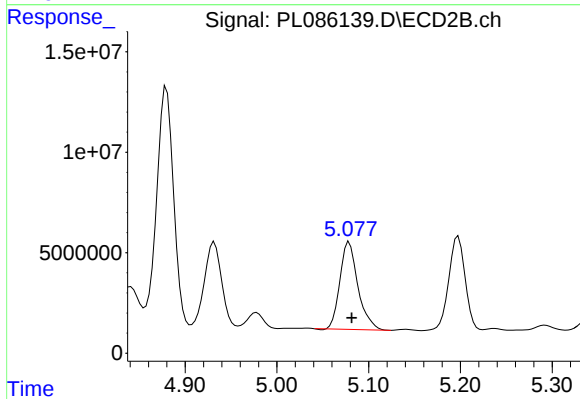
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.003 min
Response: 156201149
Conc: 143.21 ng/ml



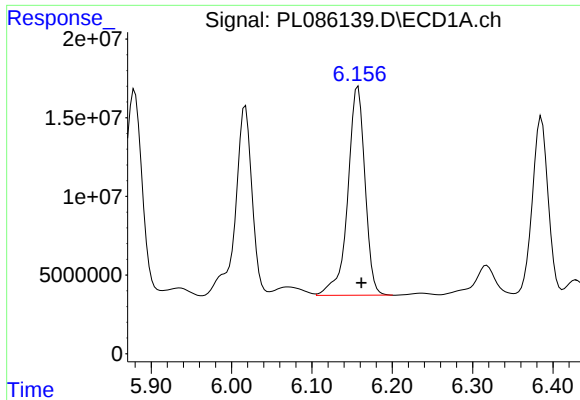
#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 175170719
Conc: 62.64 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.003 min
Response: 59296992
Conc: 72.21 ng/ml



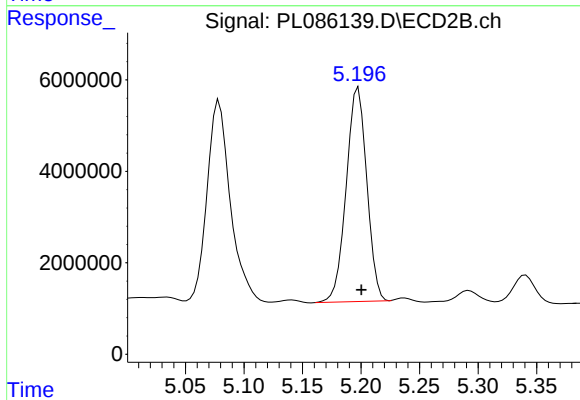
#13 Dieldrin

R.T.: 6.157 min
Delta R.T.: -0.004 min
Response: 196787795
Conc: 59.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

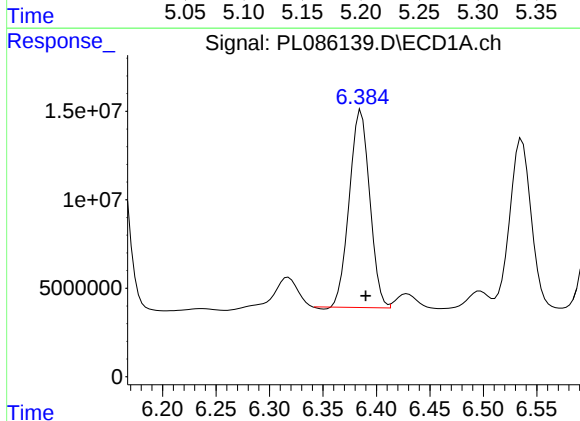
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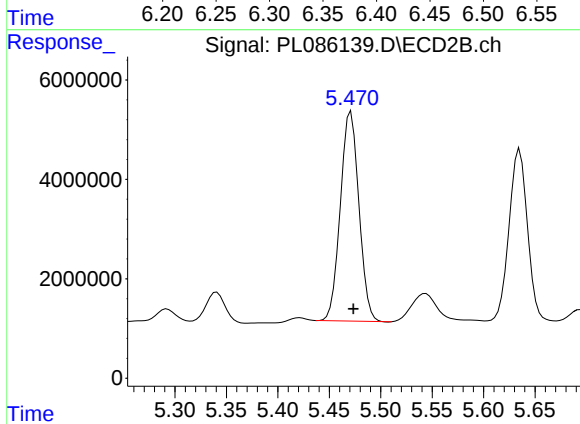
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 57346326
Conc: 59.11 ng/ml



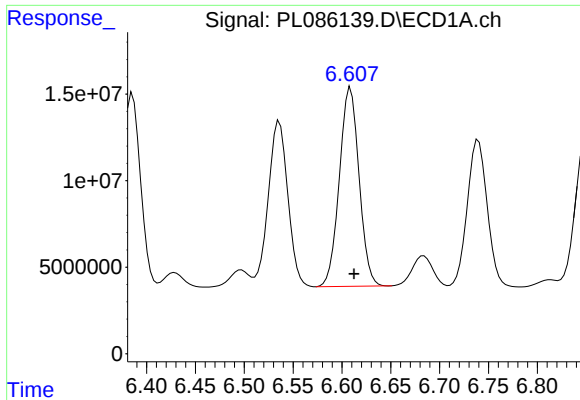
#14 Endrin

R.T.: 6.386 min
Delta R.T.: -0.004 min
Response: 147917197
Conc: 51.91 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 52880922
Conc: 58.82 ng/ml



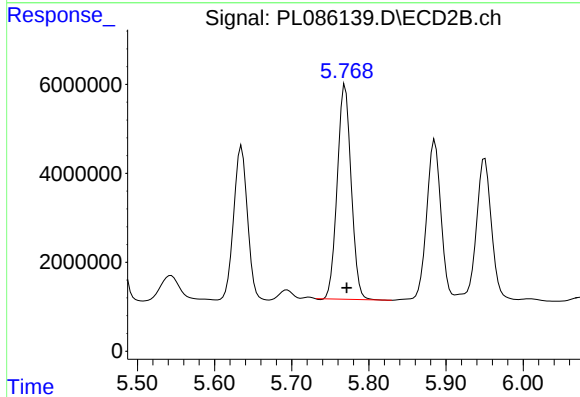
#15 Endosulfan II

R.T.: 6.609 min
Delta R.T.: -0.004 min
Response: 161265178
Conc: 58.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

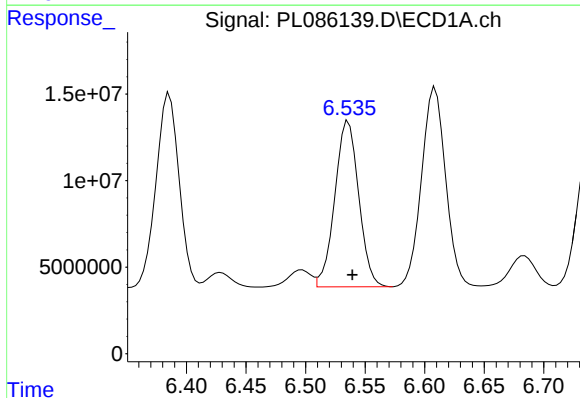
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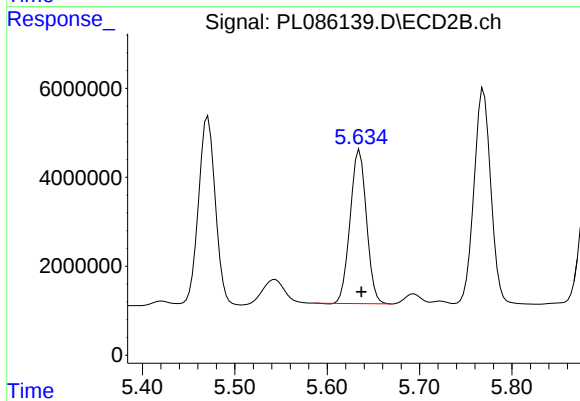
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 60533569
Conc: 63.66 ng/ml



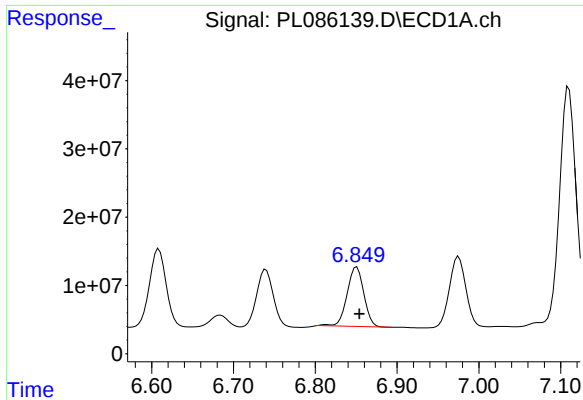
#16 4,4'-DDD

R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 133883310
Conc: 66.45 ng/ml



#16 4,4'-DDD

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 42509832
Conc: 61.07 ng/ml



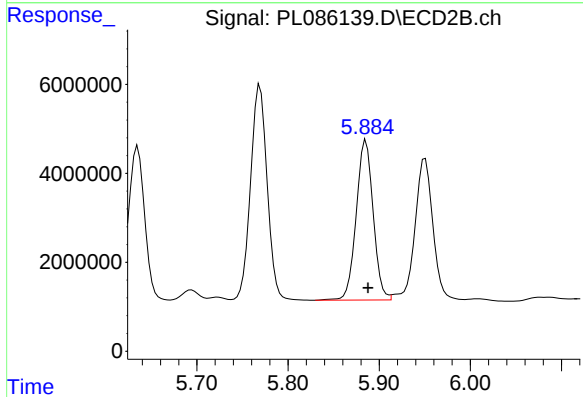
#17 4,4'-DDT

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 122559365
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

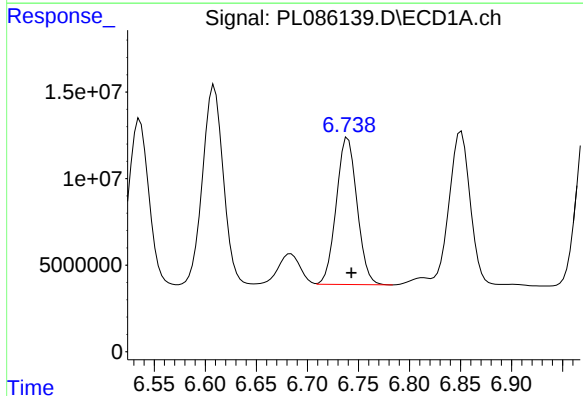
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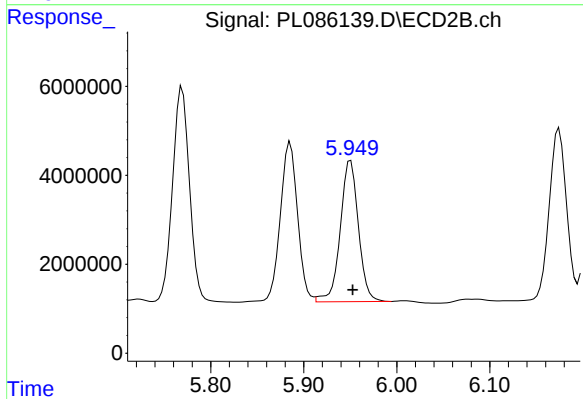
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.002 min
Response: 46474036
Conc: 58.77 ng/ml



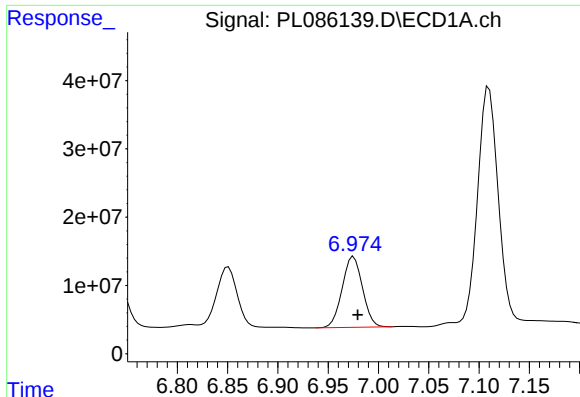
#18 Endrin aldehyde

R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 120174857
Conc: 59.29 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 43134641
Conc: 57.84 ng/ml



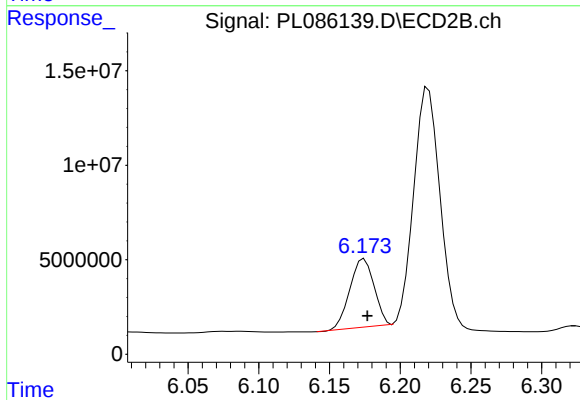
#19 Endosulfan Sulfate

R.T.: 6.975 min
Delta R.T.: -0.004 min
Response: 144930125
Conc: 57.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

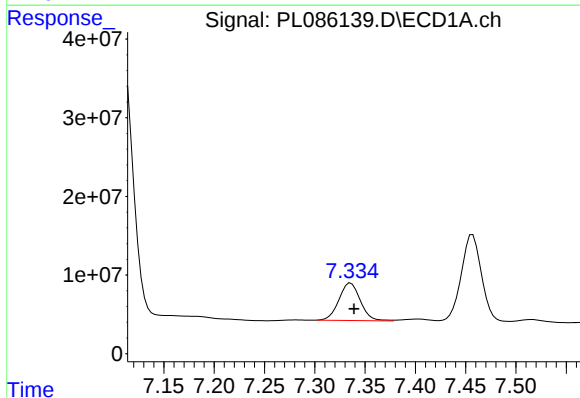
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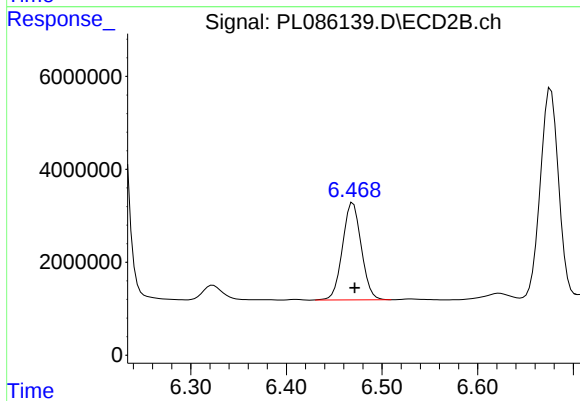
#19 Endosulfan Sulfate

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 42976534
Conc: 47.64 ng/ml



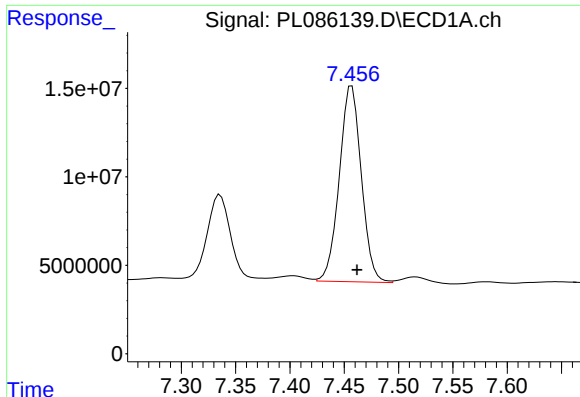
#20 Methoxychlor

R.T.: 7.336 min
Delta R.T.: -0.003 min
Response: 70197372
Conc: 50.26 ng/ml



#20 Methoxychlor

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 28597406
Conc: 54.36 ng/ml



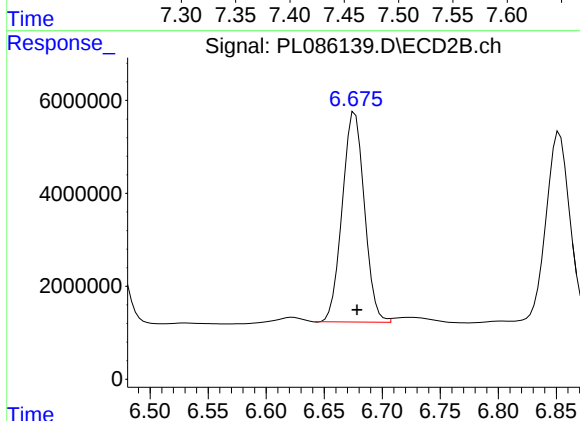
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 156190260
Conc: 54.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

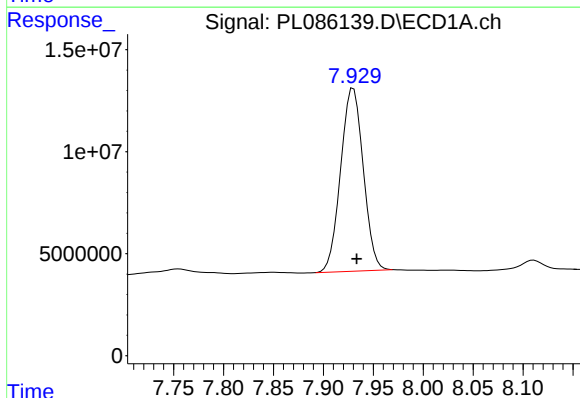
Manual Integrations
APPROVED

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



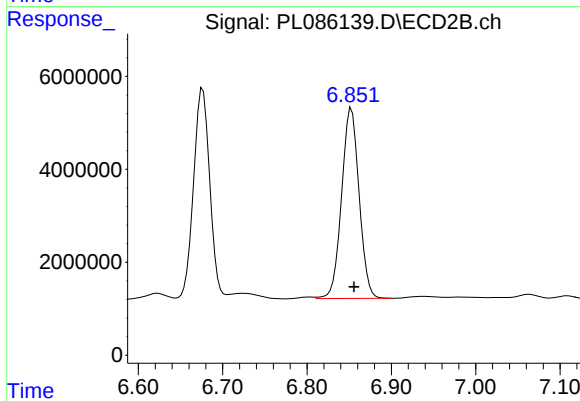
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 59892067
Conc: 52.11 ng/ml



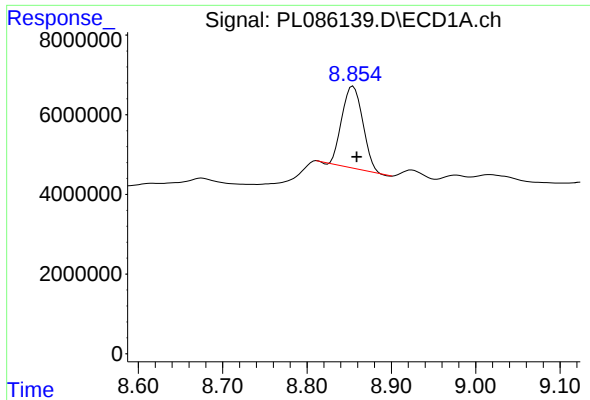
#22 Mirex

R.T.: 7.930 min
Delta R.T.: -0.003 min
Response: 141683910
Conc: 63.99 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 59114619
Conc: 62.68 ng/ml



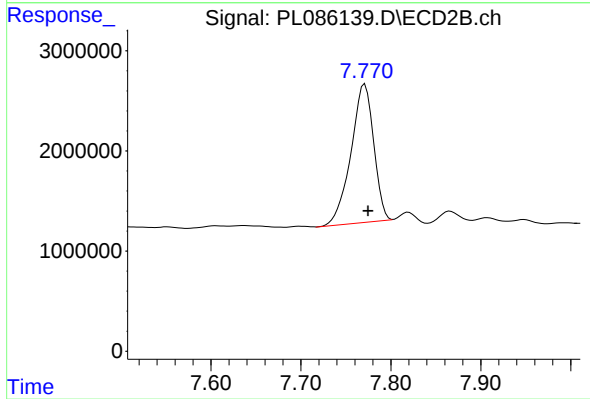
#28 Decachlorobiphenyl

R.T.: 8.855 min
Delta R.T.: -0.004 min
Response: 35485015
Conc: 16.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: -0.005 min
Response: 24285662
Conc: 26.31 ng/ml m