

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2024 10:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 02:03:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 2024
 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...	3.553	2.785	95826838	93966622	44.629	48.139
28) SA Decachlor...	9.069	7.929	76288678	94945827	50.040	50.127
Target Compounds						
2) A alpha-BHC	4.008	3.289	134.4E6	136.7E6	44.826	49.293
3) MA gamma-BHC...	4.341	3.620	129.8E6	128.9E6	45.239	48.929
4) MA Heptachlor	4.930	3.960	122.1E6	127.1E6	45.842	49.226
5) MB Aldrin	5.271	4.240	116.9E6	121.5E6	45.284	49.387
6) B beta-BHC	4.537	3.918	59660806	55994445	44.116	47.571
7) B delta-BHC	4.785	4.148	122.8E6	125.6E6	45.115	49.557
8) B Heptachlo...	5.697	4.743	110.4E6	111.4E6	45.139	49.401
9) A Endosulfan I	6.082	5.113	103.2E6	105.3E6	45.964	49.878
10) B gamma-Chl...	5.953	4.993	111.3E6	118.3E6	46.057	50.039
11) B alpha-Chl...	6.032	5.057	110.8E6	117.8E6	46.019	50.068
12) B 4,4'-DDE	6.205	5.246	97316327	107.1E6	46.516	51.280
13) MA Dieldrin	6.357	5.378	109.3E6	115.4E6	46.411	50.656
14) MA Endrin	6.585	5.653	95177870	104.1E6	49.080m	51.115
15) B Endosulfa...	6.806	5.947	97865977	100.5E6	48.361	51.931
16) A 4,4'-DDD	6.721	5.801	81644076	84696783	54.020	51.307
17) MA 4,4'-DDT	7.036	6.051	87791913	93946532	49.458	52.886
18) B Endrin al...	6.936	6.126	75110421	77639721	47.050	49.843
19) B Endosulfa...	7.170	6.350	90432313	96716146	47.133	50.164
20) A Methoxychlor	7.510	6.627	47906729	49454344	50.950	49.804
21) B Endrin ke...	7.653	6.855	100.3E6	109.6E6	47.771m	50.340
22) Mirex	8.129	7.037	80241926	90736192	47.169	48.615

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
Data File : PL091297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2024 10:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

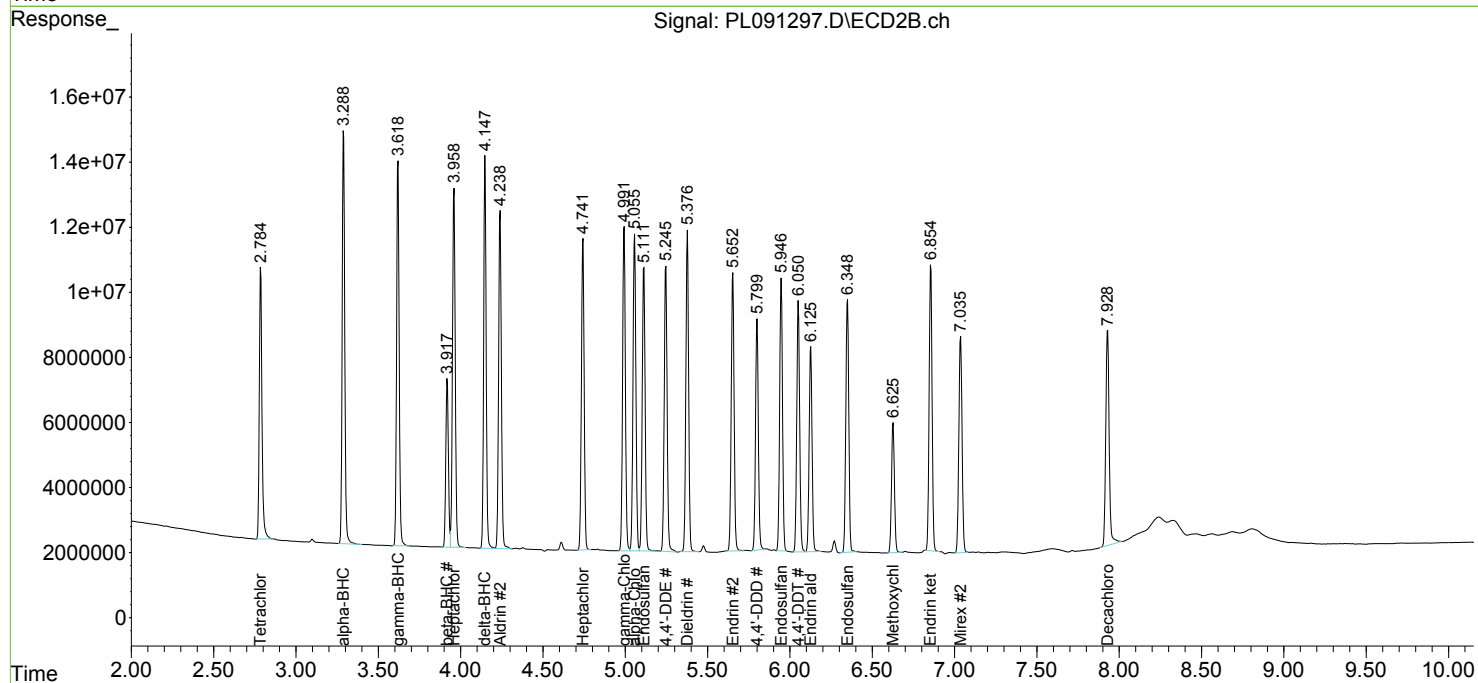
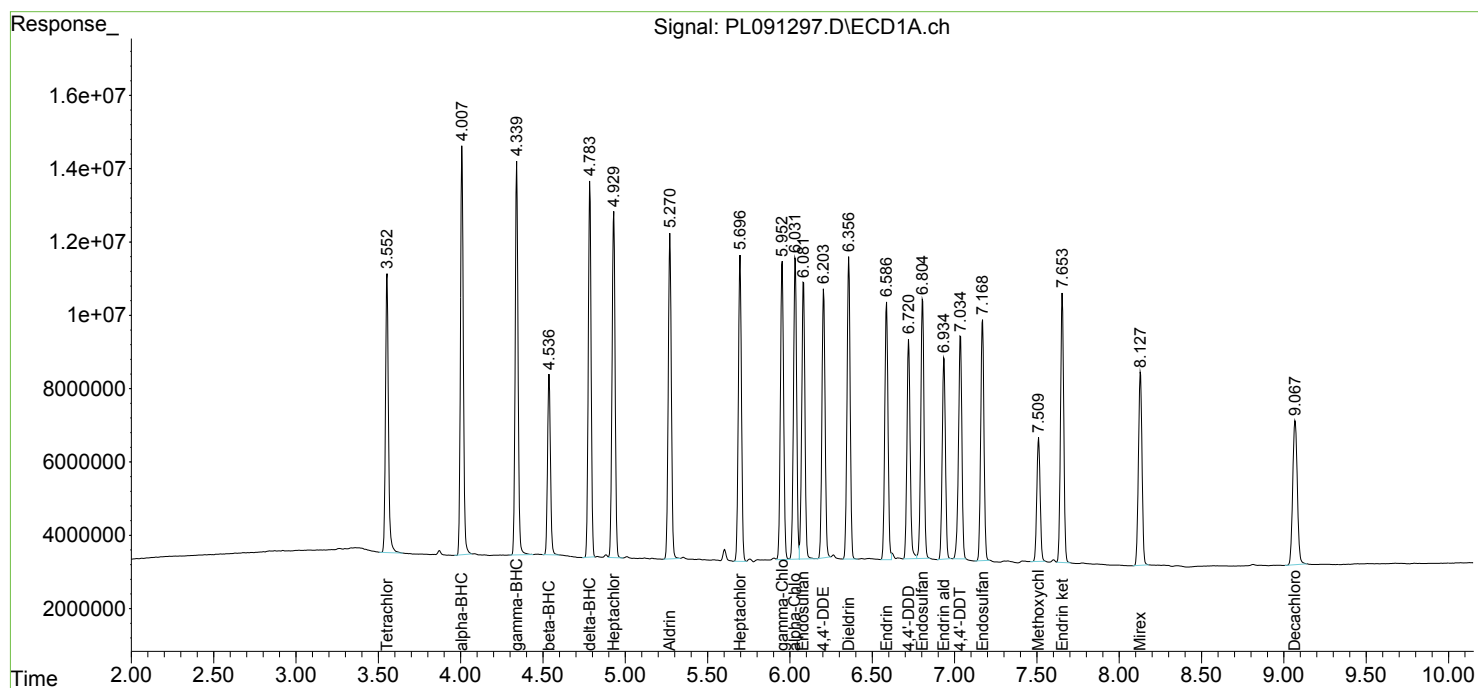
APPROVED

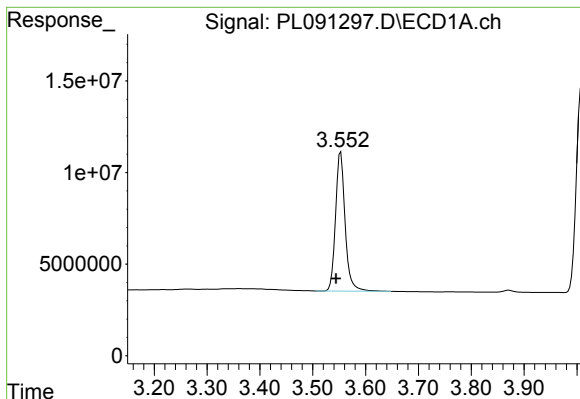
Reviewed By :Abdul Mirza 08/27/2024

Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 02:03:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
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.: 3.553 min
Delta R.T.: 0.009 min
Response: 95826838
Conc: 44.63 ng/ml

Instrument :

ECD_L

ClientSampleId :

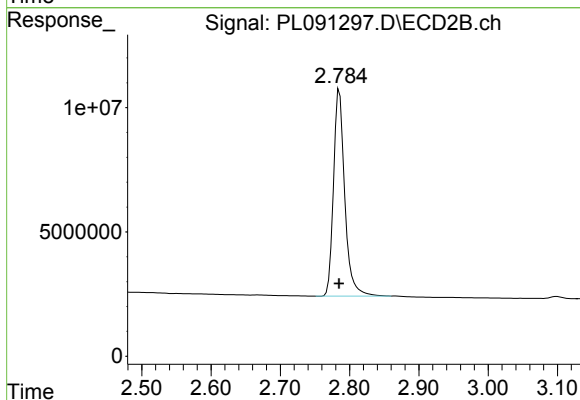
PSTDCCC050

Manual Integrations

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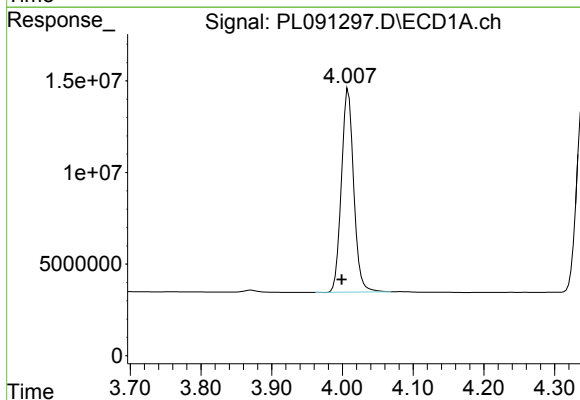
Reviewed By :Abdul Mirza 08/27/2024

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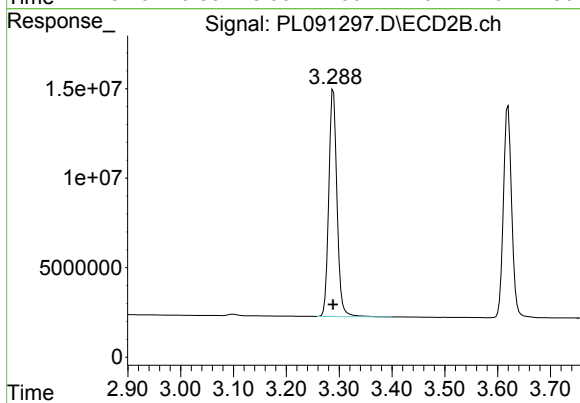
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 93966622
Conc: 48.14 ng/ml



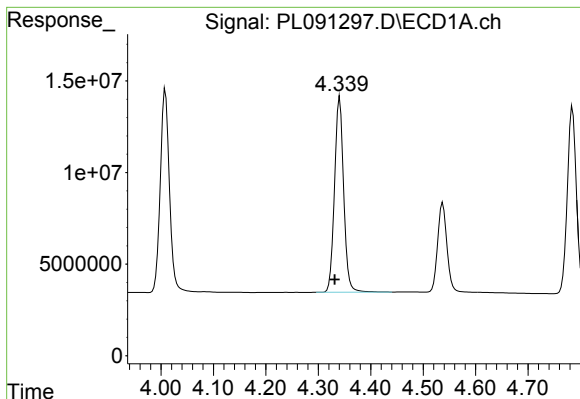
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.009 min
Response: 134380949
Conc: 44.83 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 136710450
Conc: 49.29 ng/ml



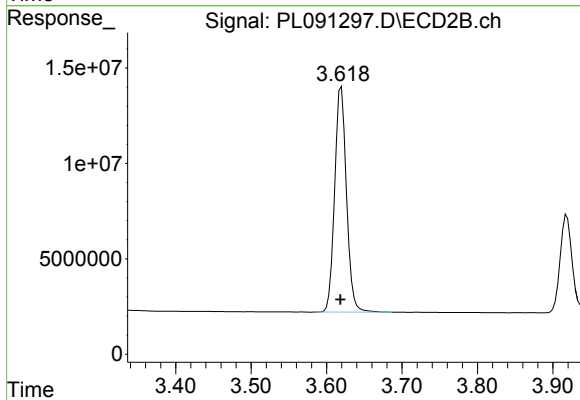
#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.009 min
Response: 129775314
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

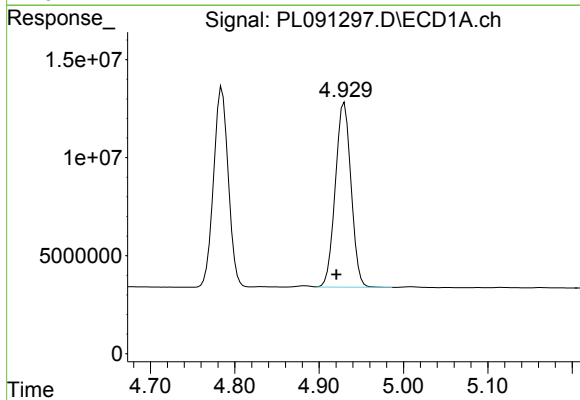
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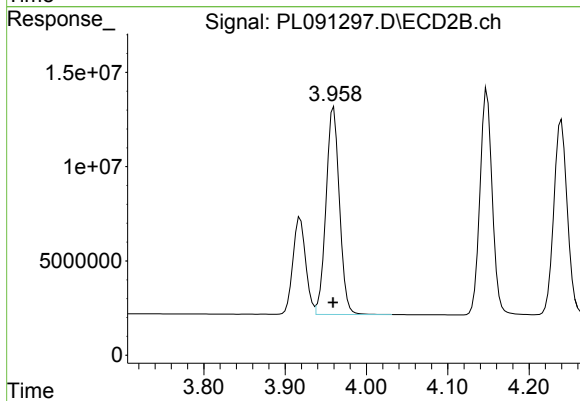
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: 0.001 min
Response: 128875060
Conc: 48.93 ng/ml



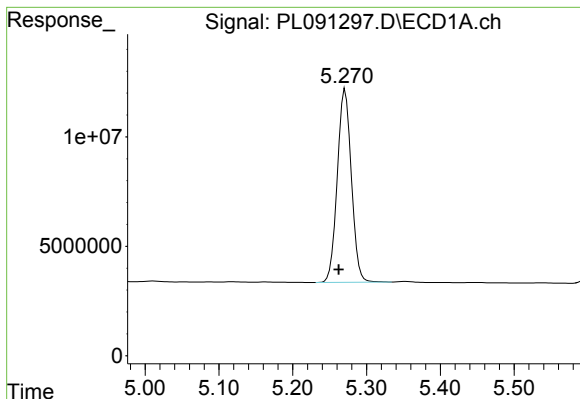
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.009 min
Response: 122078267
Conc: 45.84 ng/ml



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 127136792
Conc: 49.23 ng/ml



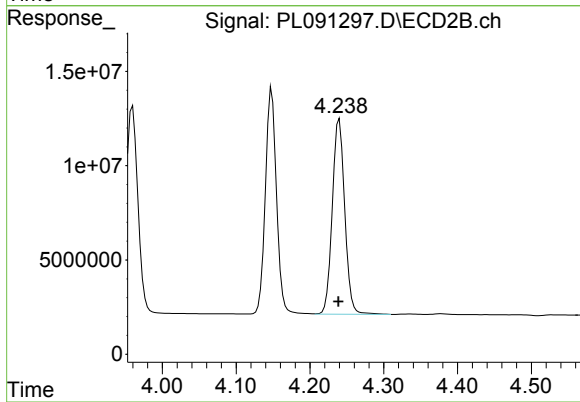
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.009 min
Response: 116872519
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

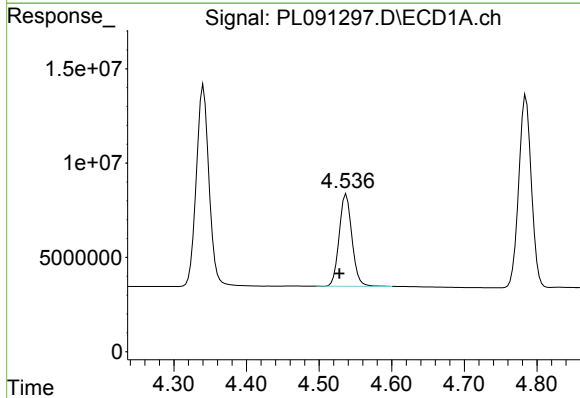
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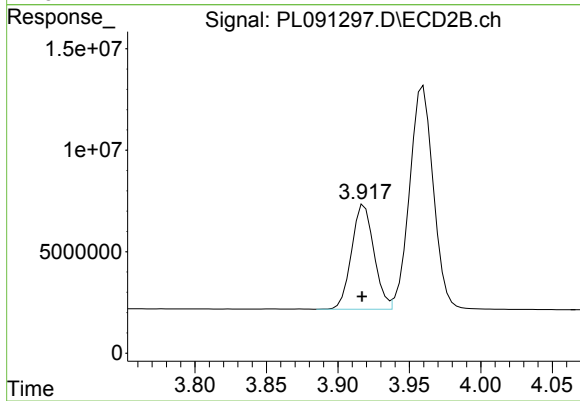
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: 0.001 min
Response: 121451116
Conc: 49.39 ng/ml



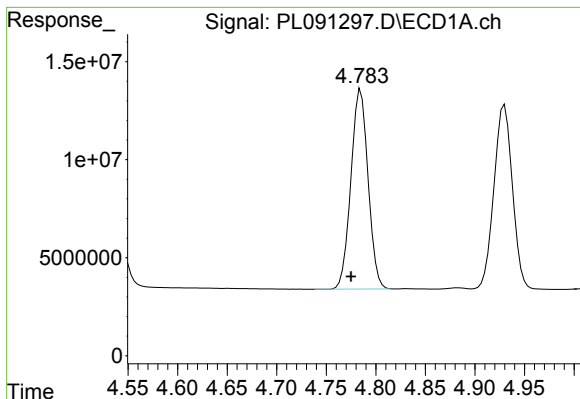
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.010 min
Response: 59660806
Conc: 44.12 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: 0.002 min
Response: 55994445
Conc: 47.57 ng/ml



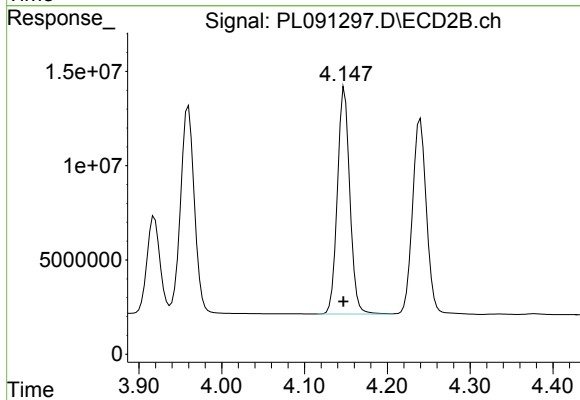
#7 delta-BHC

R.T.: 4.785 min
Delta R.T.: 0.010 min
Response: 122825977
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

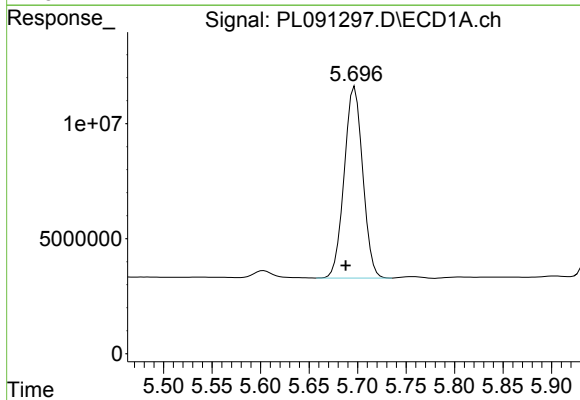
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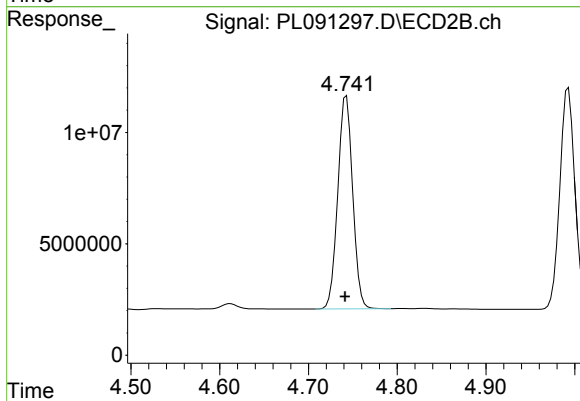
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: 0.001 min
Response: 125587789
Conc: 49.56 ng/ml



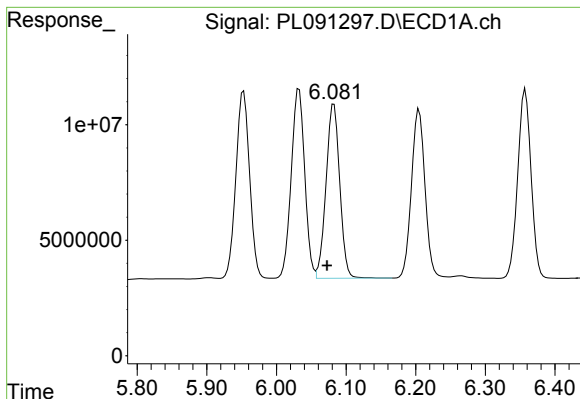
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.009 min
Response: 110435020
Conc: 45.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: 0.001 min
Response: 111390365
Conc: 49.40 ng/ml



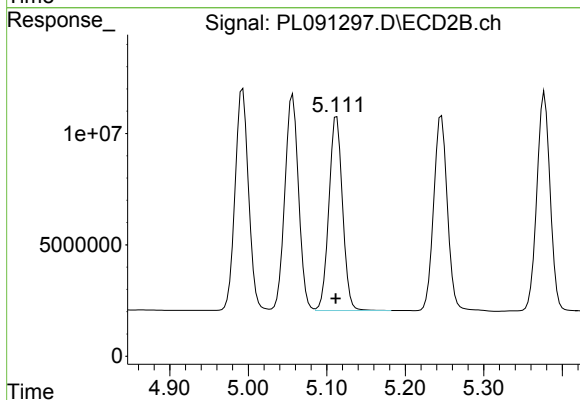
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.010 min
Response: 103203870
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

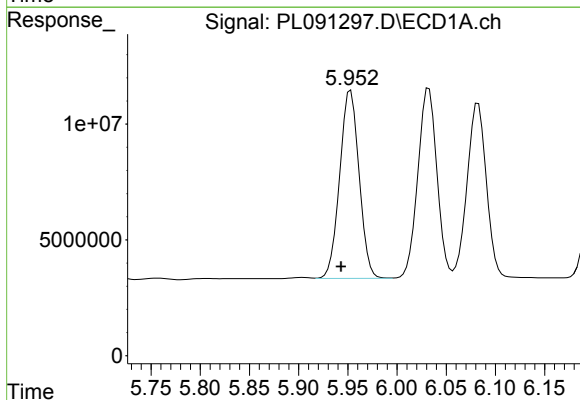
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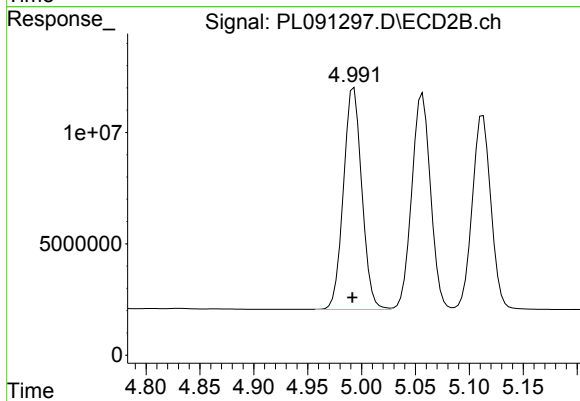
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 105251387
Conc: 49.88 ng/ml



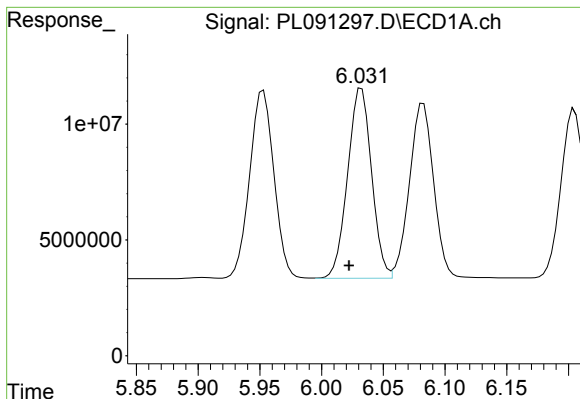
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.010 min
Response: 111292551
Conc: 46.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: 0.001 min
Response: 118290847
Conc: 50.04 ng/ml



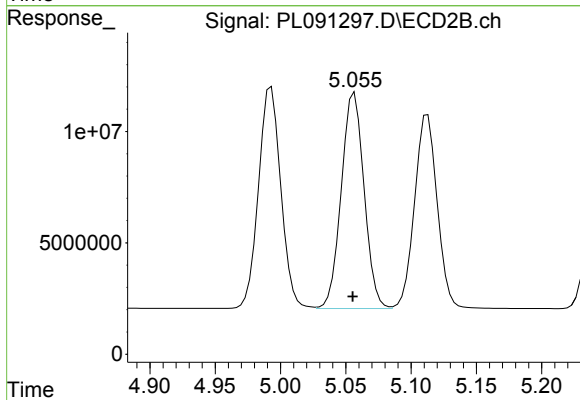
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.010 min
Response: 110801590
Conc: 46.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

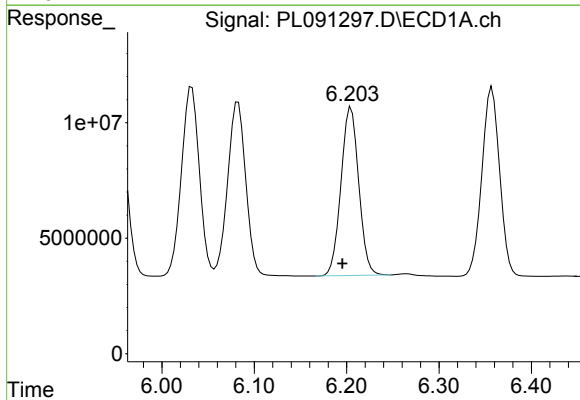
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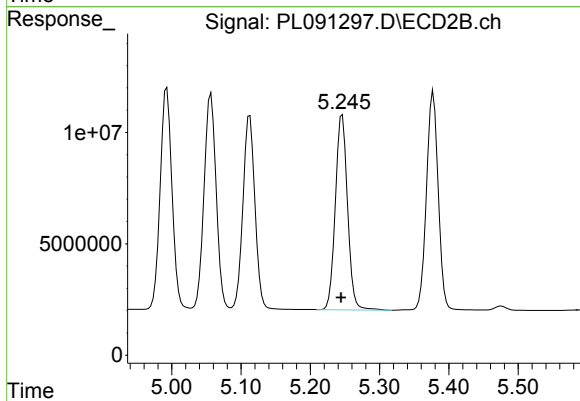
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: 0.001 min
Response: 117788875
Conc: 50.07 ng/ml



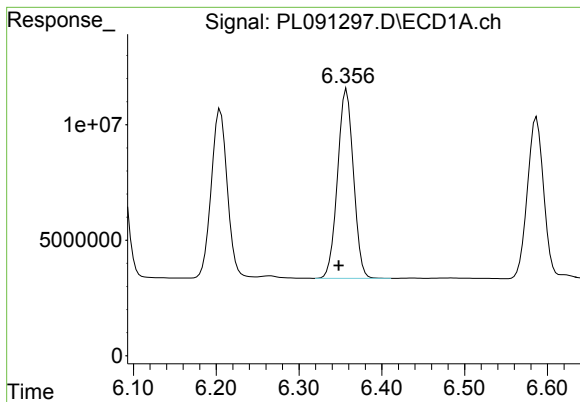
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.010 min
Response: 97316327
Conc: 46.52 ng/ml



#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: 0.002 min
Response: 107144586
Conc: 51.28 ng/ml



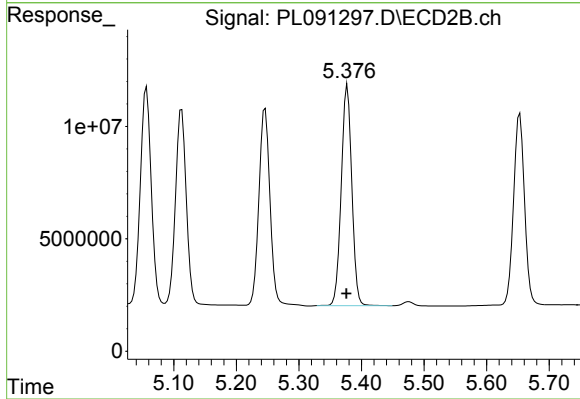
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.009 min
Response: 109309160
Conc: 46.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

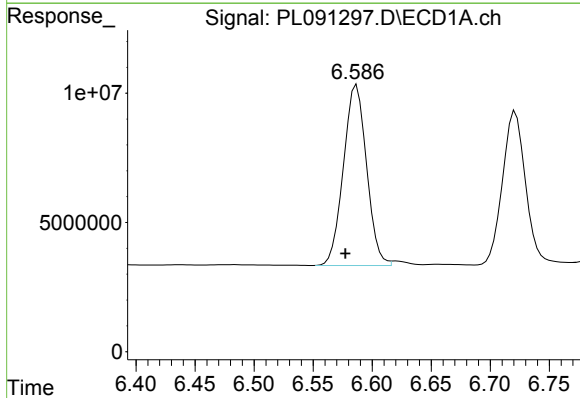
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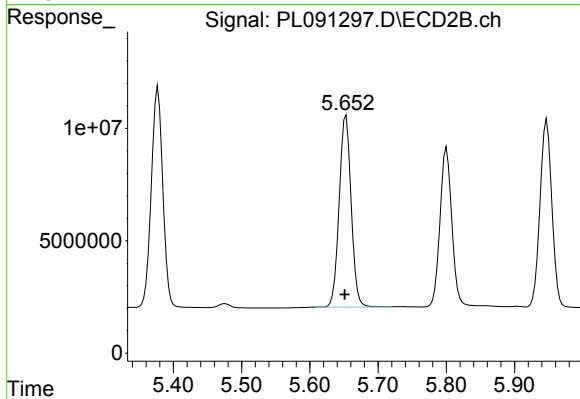
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: 0.001 min
Response: 115369879
Conc: 50.66 ng/ml



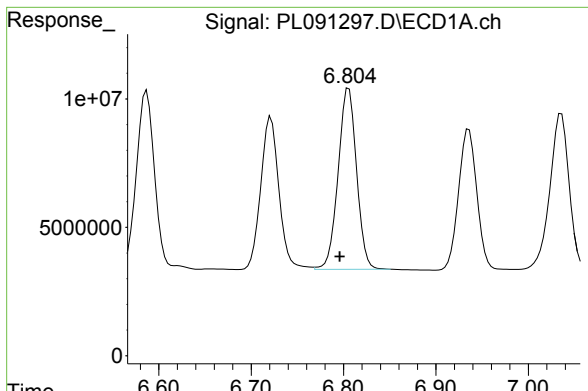
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.008 min
Response: 95177870
Conc: 49.08 ng/ml m



#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.002 min
Response: 104127995
Conc: 51.11 ng/ml



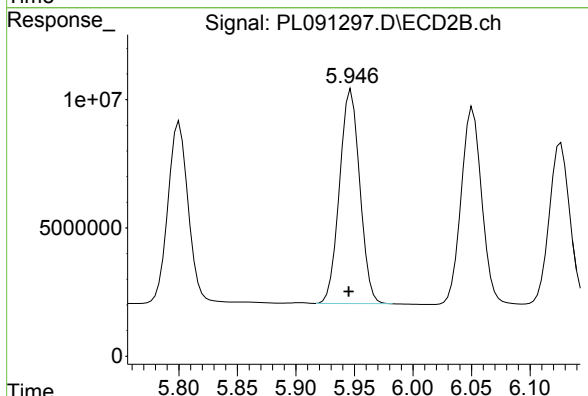
#15 Endosulfan II

R.T.: 6.806 min
Delta R.T.: 0.010 min
Response: 97865977
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

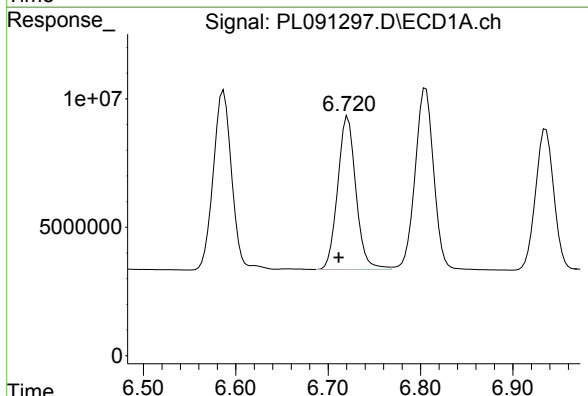
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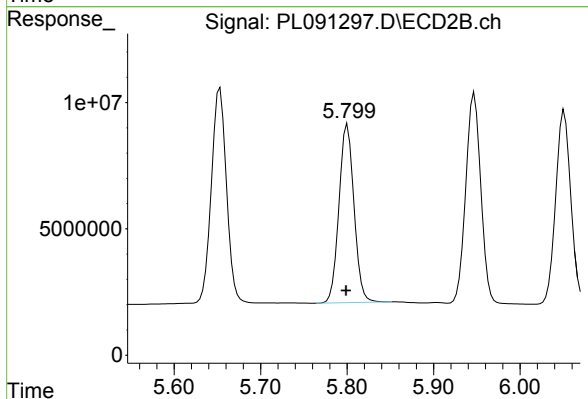
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: 0.002 min
Response: 100470838
Conc: 51.93 ng/ml



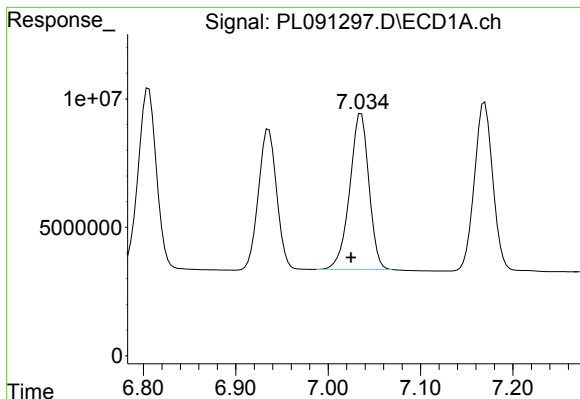
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.010 min
Response: 81644076
Conc: 54.02 ng/ml



#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: 0.002 min
Response: 84696783
Conc: 51.31 ng/ml



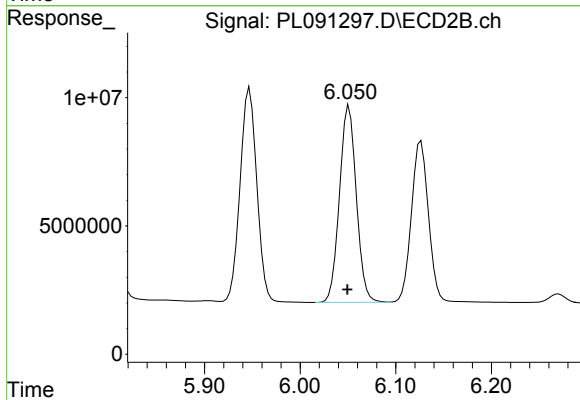
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: 0.011 min
Response: 87791913
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

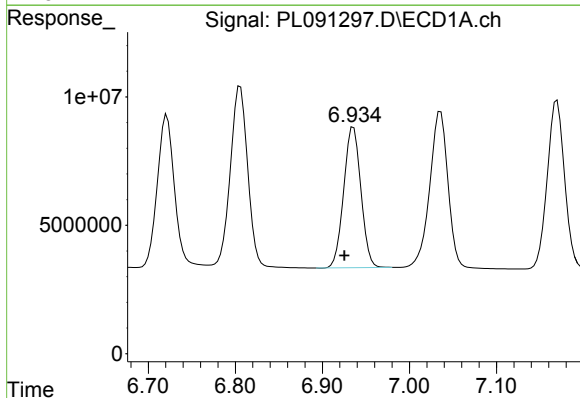
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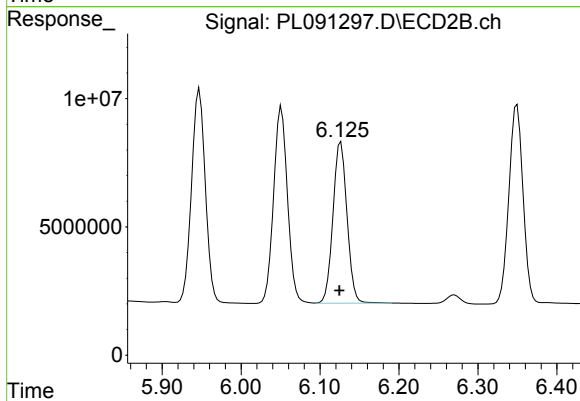
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: 0.002 min
Response: 93946532
Conc: 52.89 ng/ml



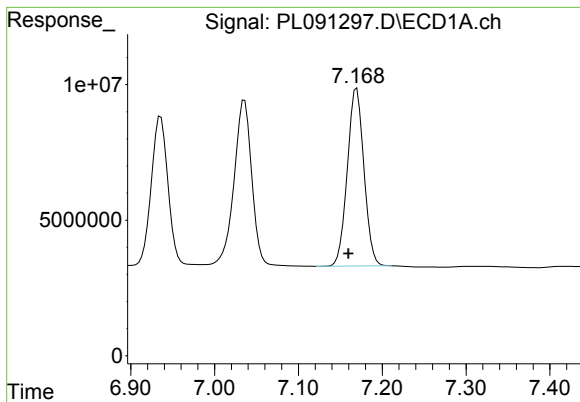
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.010 min
Response: 75110421
Conc: 47.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: 0.002 min
Response: 77639721
Conc: 49.84 ng/ml



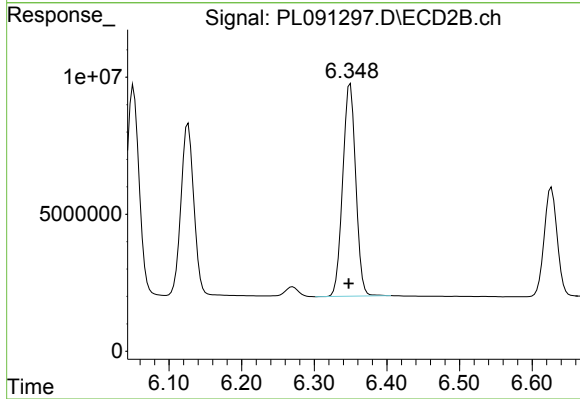
#19 Endosulfan Sulfate

R.T.: 7.170 min
Delta R.T.: 0.010 min
Response: 90432313
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

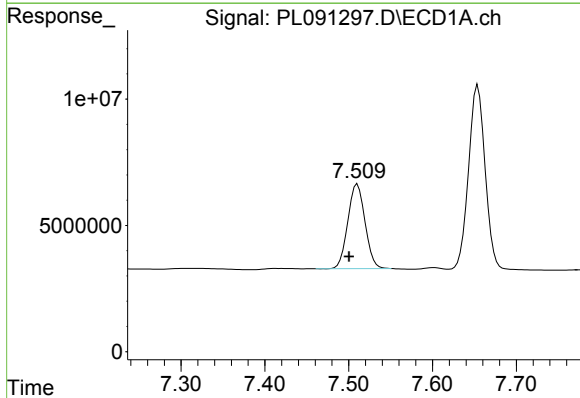
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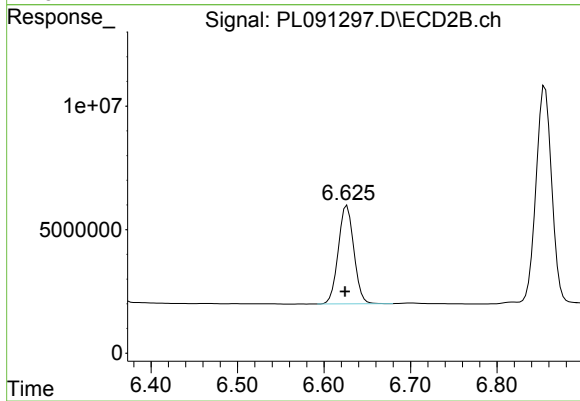
#19 Endosulfan Sulfate

R.T.: 6.350 min
Delta R.T.: 0.002 min
Response: 96716146
Conc: 50.16 ng/ml



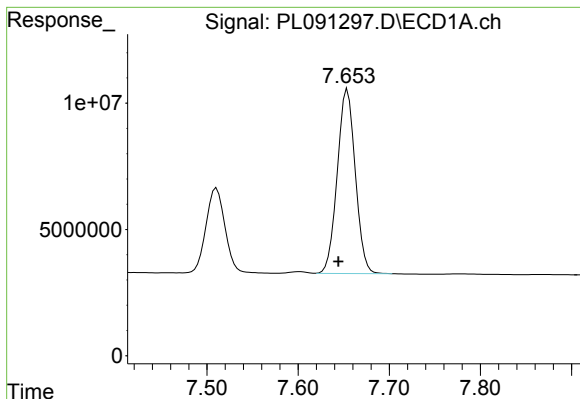
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.010 min
Response: 47906729
Conc: 50.95 ng/ml



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: 0.002 min
Response: 49454344
Conc: 49.80 ng/ml



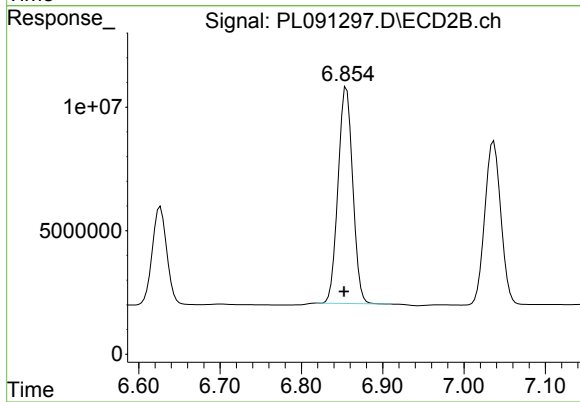
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.008 min
Response: 100305322
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

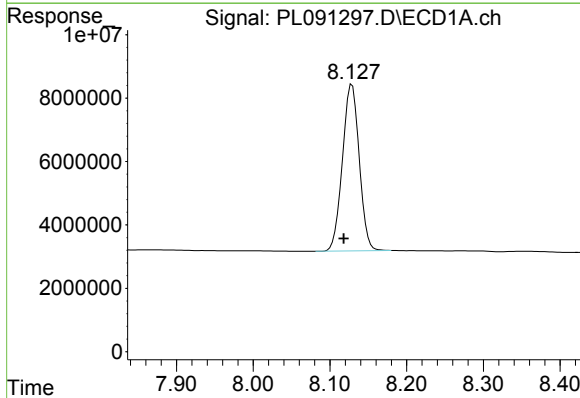
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APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



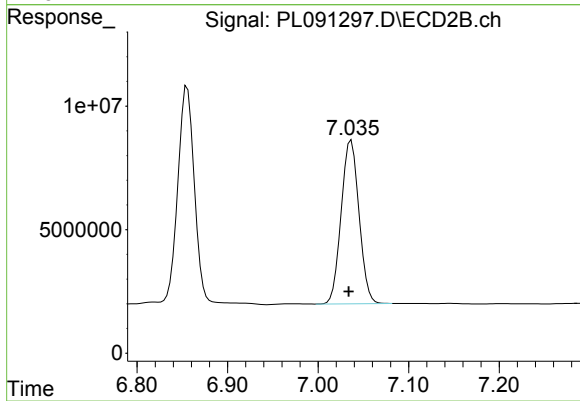
#21 Endrin ketone

R.T.: 6.855 min
Delta R.T.: 0.003 min
Response: 109639883
Conc: 50.34 ng/ml



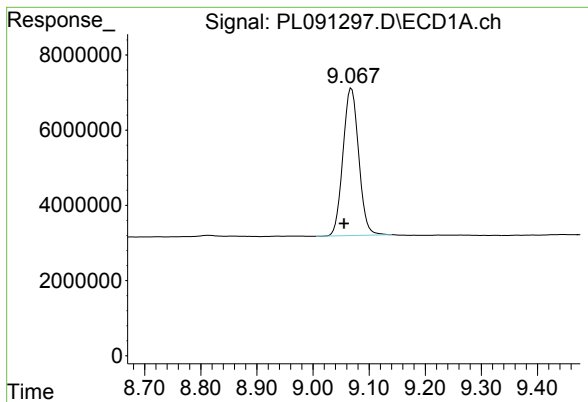
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.011 min
Response: 80241926
Conc: 47.17 ng/ml



#22 Mirex

R.T.: 7.037 min
Delta R.T.: 0.003 min
Response: 90736192
Conc: 48.61 ng/ml



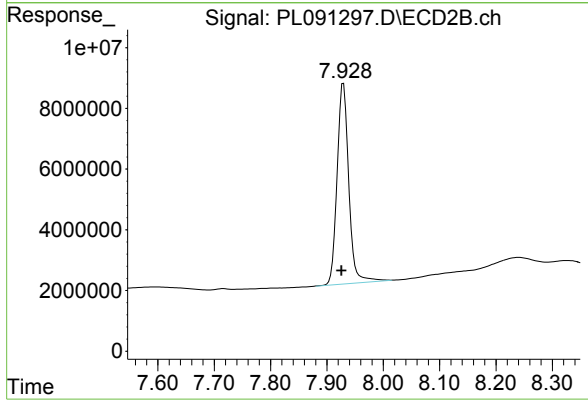
#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.013 min
Response: 76288678
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: 0.003 min
Response: 94945827
Conc: 50.13 ng/ml