

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111324\
 Data File : PL093039.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2024 15:59
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :Ankita Jodhani 11/14/2024

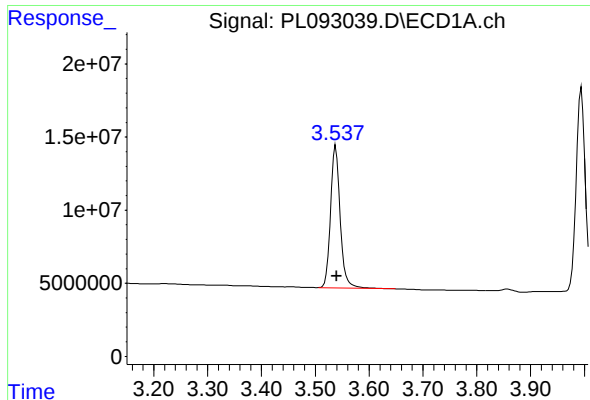
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 00:34:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.538	2.775	120.8E6	140.5E6	49.312	51.639
28)	SA Decachlor...	9.052	7.913	86459587	128.7E6	44.925	47.141
Target Compounds							
2)	A alpha-BHC	3.994	3.278	165.7E6	212.5E6	48.844	53.266
3)	MA gamma-BHC...	4.326	3.608	158.4E6	203.9E6	48.610	52.820
4)	MA Heptachlor	4.915	3.947	139.6E6	195.6E6	46.493	51.827
5)	MB Aldrin	5.257	4.227	140.3E6	195.4E6	46.742	53.377
6)	B beta-BHC	4.524	3.908	69805840	87210585	48.293	52.975
7)	B delta-BHC	4.772	4.137	151.0E6	211.8E6	48.254	55.104
8)	B Heptachlo...	5.682	4.728	130.7E6	176.0E6	47.319m	52.679m
9)	A Endosulfan I	6.068	5.099	114.7E6	141.0E6	45.862	46.183
10)	B gamma-Chl...	5.939	4.980	122.6E6	176.9E6	46.062	52.630
11)	B alpha-Chl...	6.018	5.043	121.9E6	174.2E6	46.033	52.379
12)	B 4,4'-DDE	6.191	5.232	111.7E6	174.0E6	47.131	53.999
13)	MA Dieldrin	6.343	5.364	120.8E6	175.4E6	45.844	52.496
14)	MA Endrin	6.574	5.638	99897113	149.9E6	43.879	51.821
15)	B Endosulfa...	6.793	5.932	107.1E6	150.1E6	44.935	52.967m
16)	A 4,4'-DDD	6.708	5.787	93509204	138.6E6	48.715	55.649
17)	MA 4,4'-DDT	7.023	6.037	90938696	131.4E6	43.937	48.985
18)	B Endrin al...	6.923	6.113	85764582	117.4E6	45.669	50.888
19)	B Endosulfa...	7.157	6.336	98107285	141.2E6	45.204	52.347
20)	A Methoxychlor	7.498	6.612	50499468	70169643	44.298	49.137
21)	B Endrin ke...	7.642	6.840	110.3E6	160.6E6	45.508	52.318m
22)	Mirex	8.115	7.020	86015796	123.4E6	43.405	47.300m

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



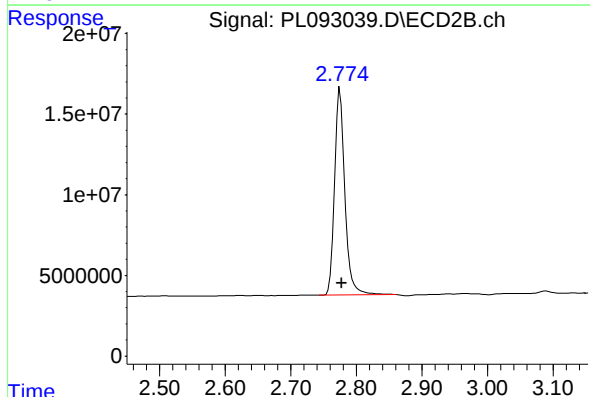
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 min
Response: 120825294
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

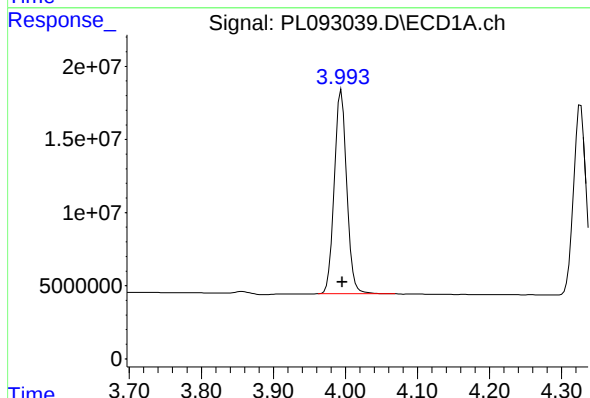
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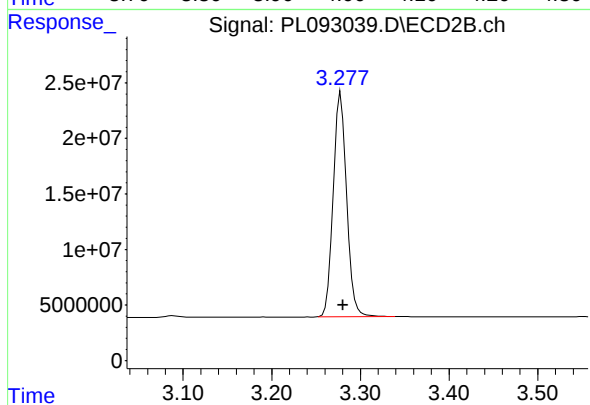
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.003 min
Response: 140517350
Conc: 51.64 ng/ml



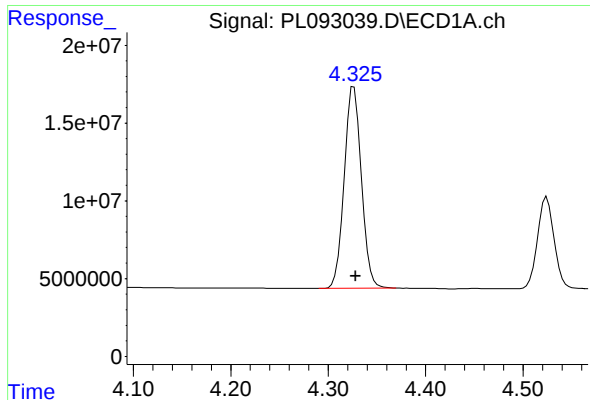
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 165659004
Conc: 48.84 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.003 min
Response: 212541112
Conc: 53.27 ng/ml



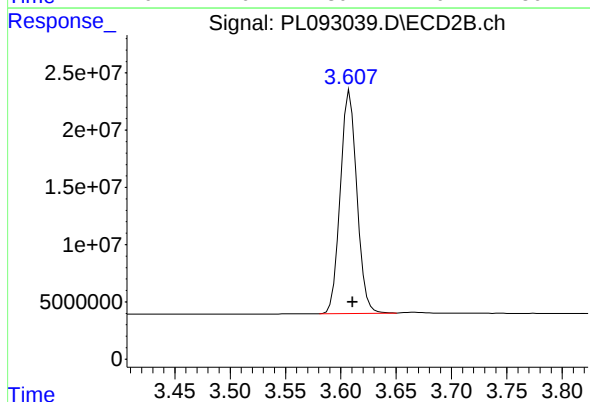
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.002 min
Response: 158446269
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

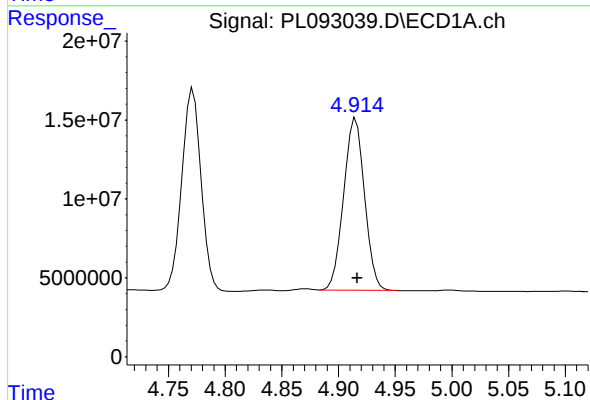
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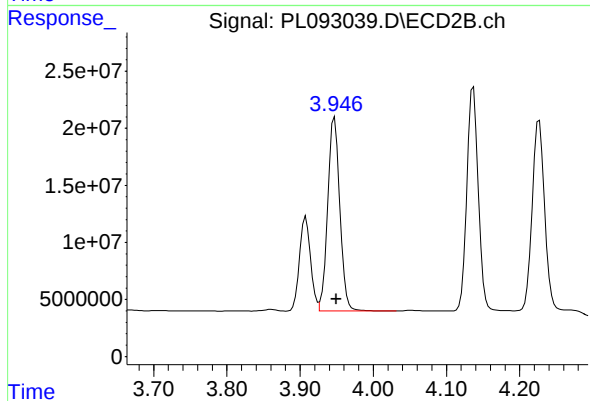
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.003 min
Response: 203855693
Conc: 52.82 ng/ml



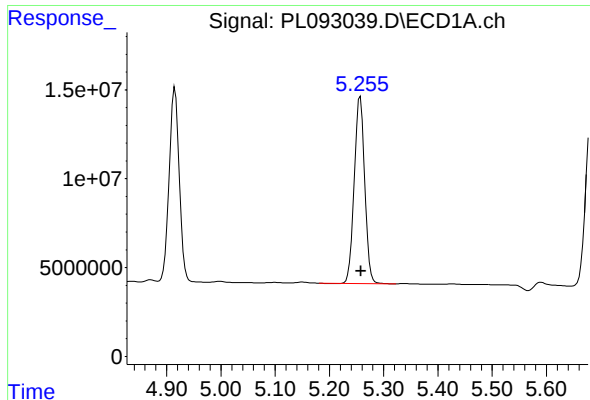
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.001 min
Response: 139622562
Conc: 46.49 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: -0.002 min
Response: 195590955
Conc: 51.83 ng/ml



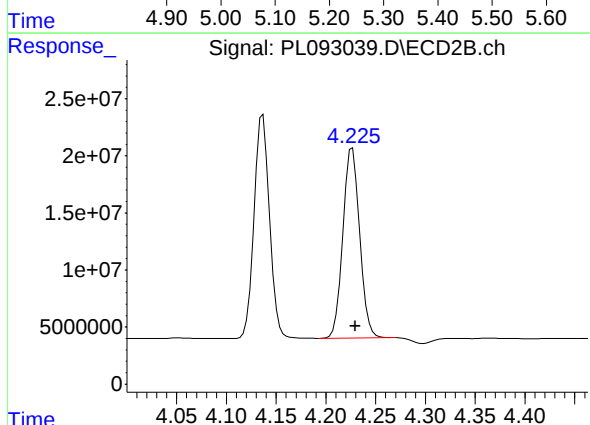
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: -0.001 min
Response: 140293867
Conc: 46.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

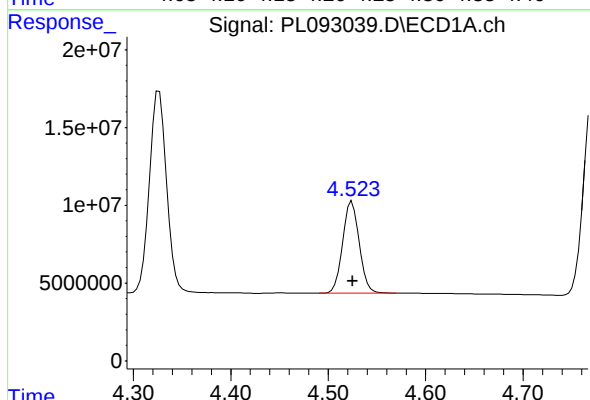
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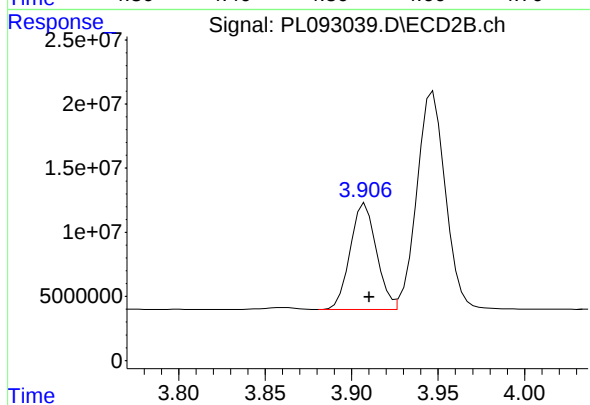
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.003 min
Response: 195370646
Conc: 53.38 ng/ml



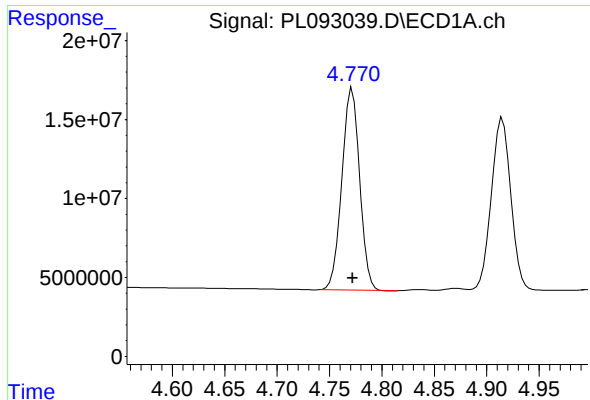
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 69805840
Conc: 48.29 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 87210585
Conc: 52.98 ng/ml



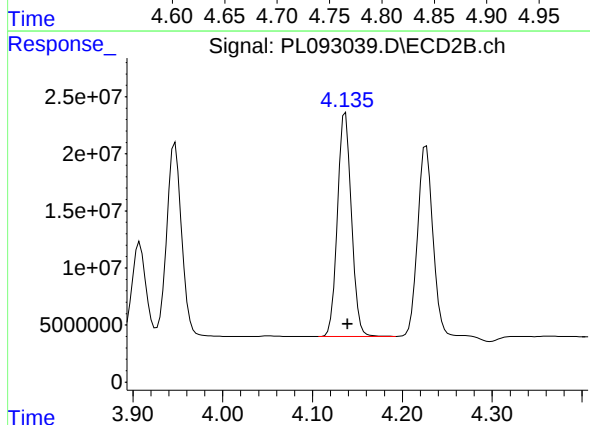
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 151030205
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

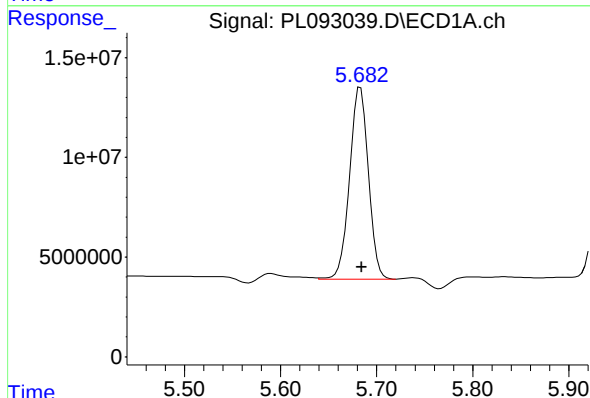
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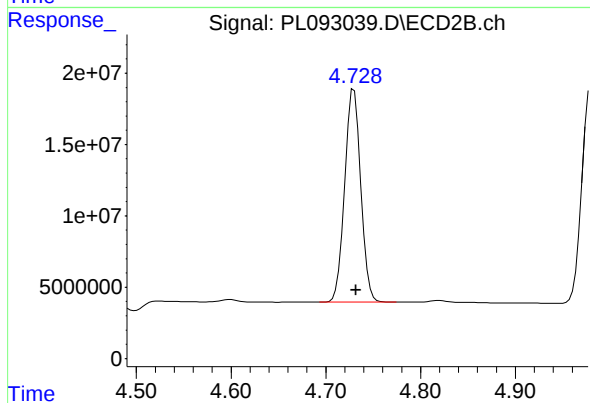
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 211772445
Conc: 55.10 ng/ml



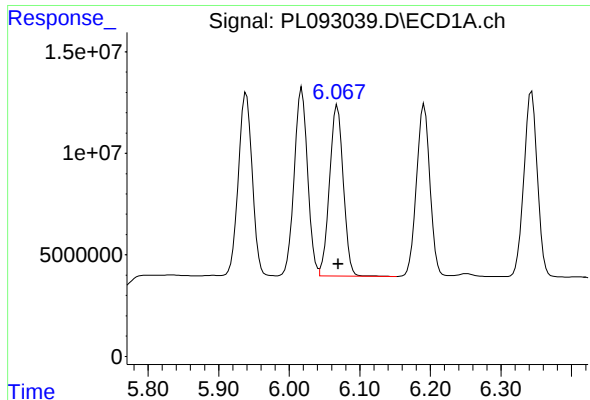
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 130665968
Conc: 47.32 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 176022793
Conc: 52.68 ng/ml m



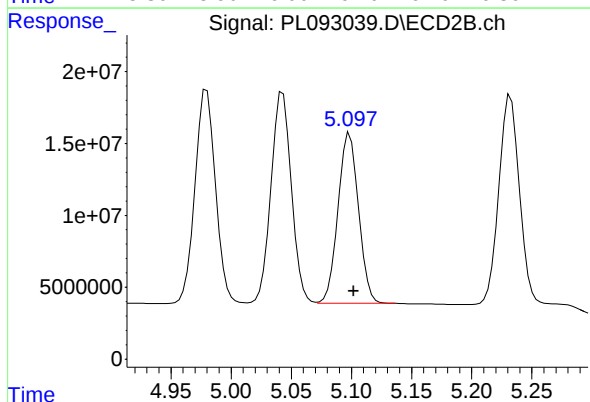
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 114717098
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

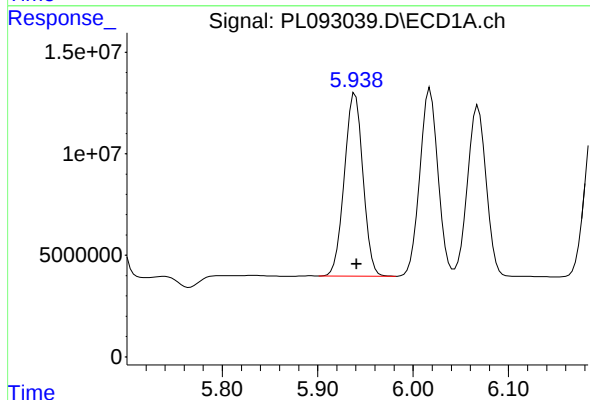
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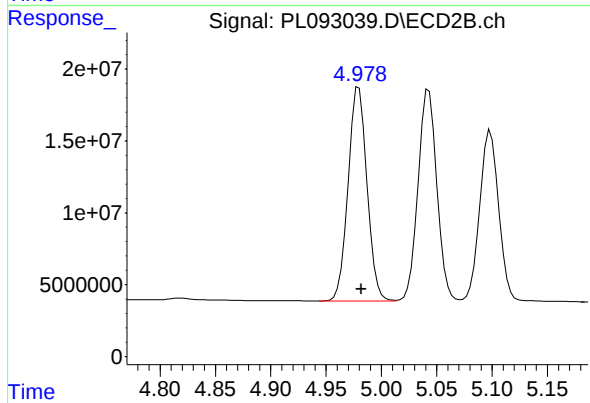
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 141003416
Conc: 46.18 ng/ml



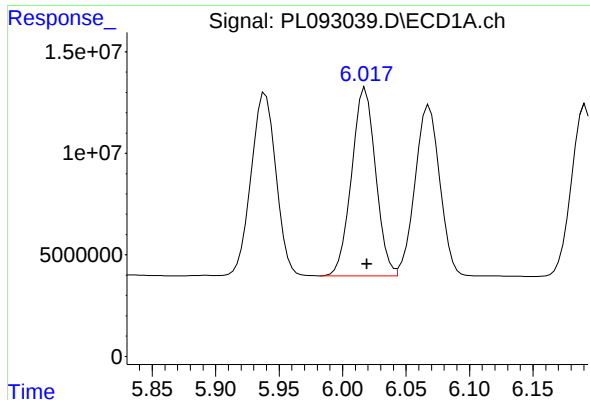
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 122553086
Conc: 46.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 176925389
Conc: 52.63 ng/ml



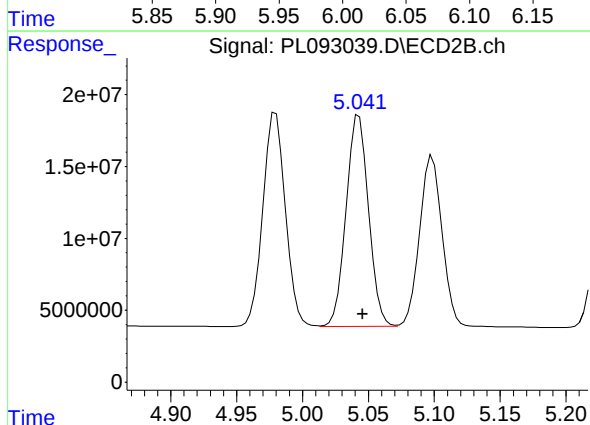
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.001 min
Response: 121902406
Conc: 46.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

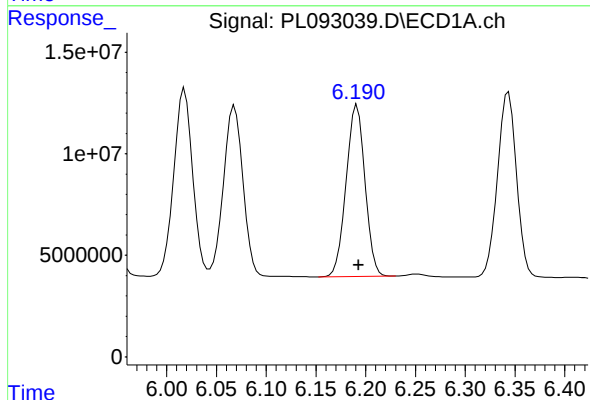
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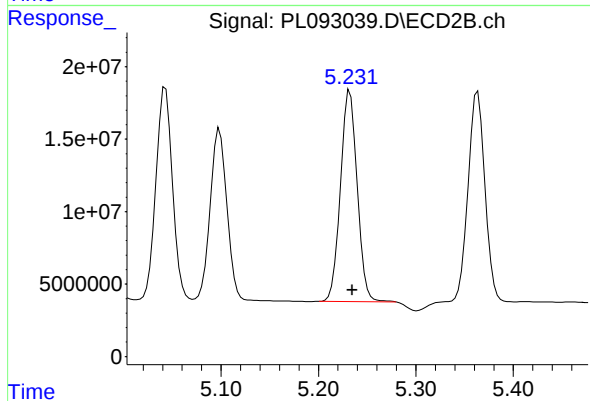
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 174213352
Conc: 52.38 ng/ml



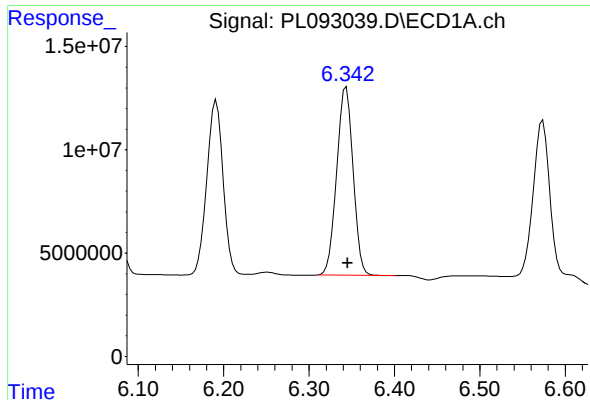
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 111662885
Conc: 47.13 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.002 min
Response: 173962812
Conc: 54.00 ng/ml



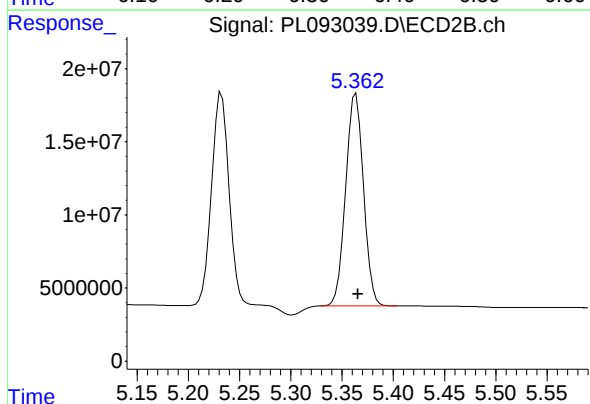
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 120822031
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

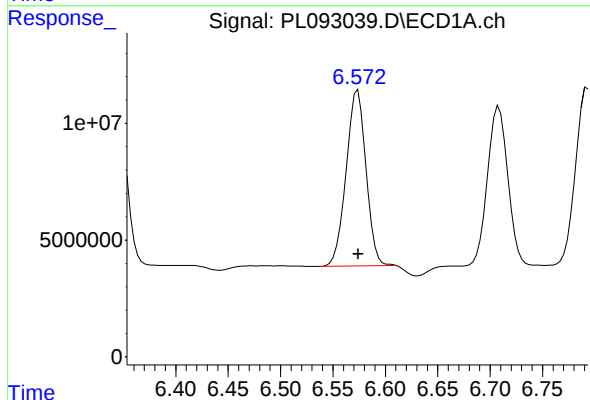
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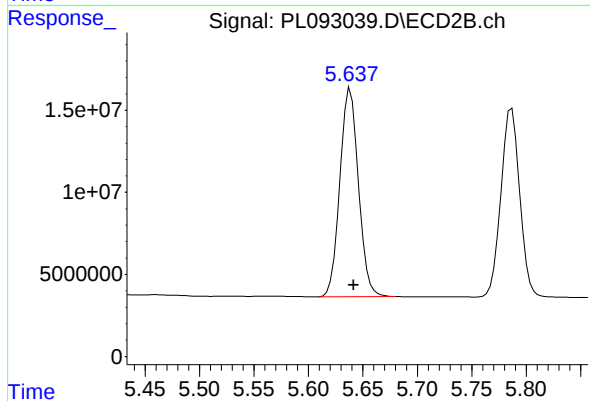
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 175351955
Conc: 52.50 ng/ml



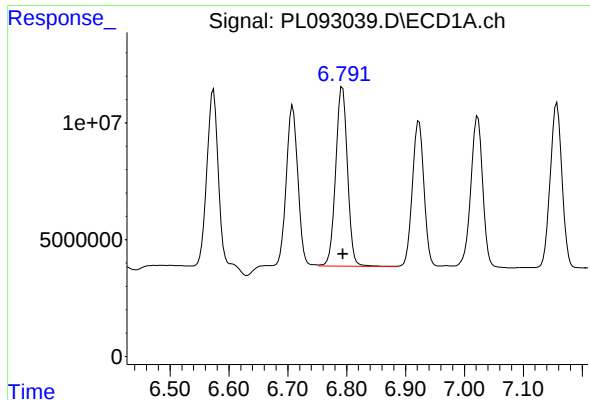
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 99897113
Conc: 43.88 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 149917491
Conc: 51.82 ng/ml



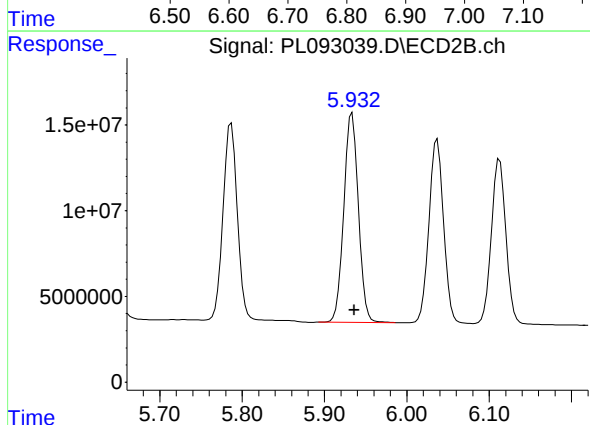
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 107118181
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

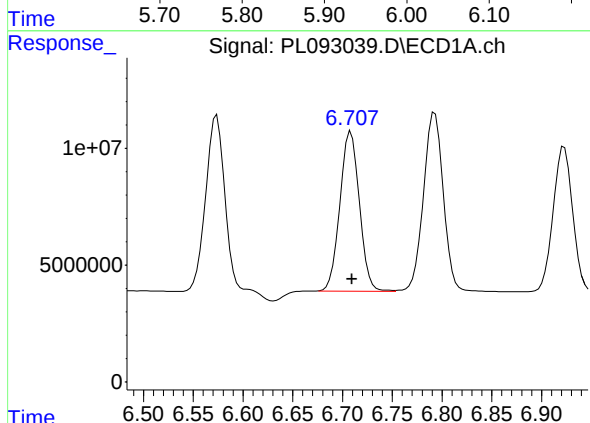
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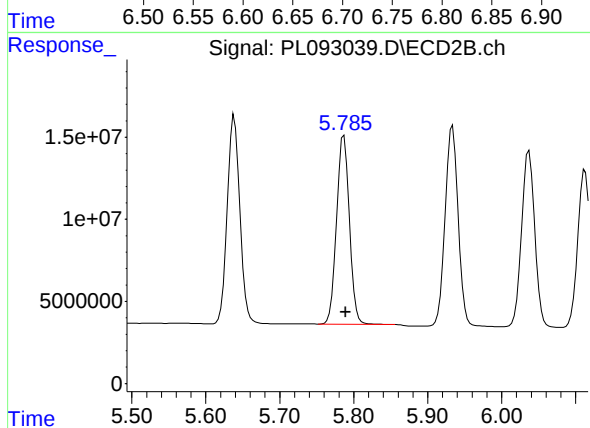
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: -0.004 min
Response: 150069960
Conc: 52.97 ng/ml



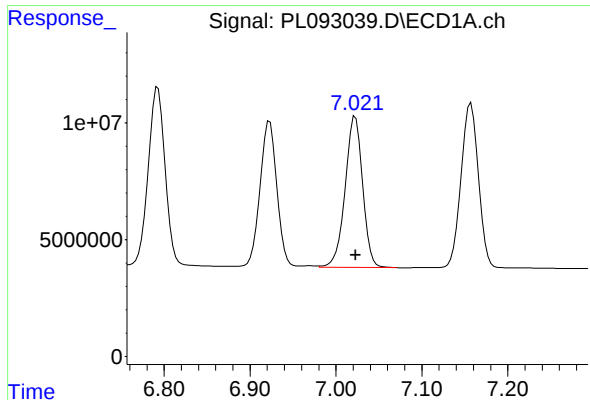
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 93509204
Conc: 48.71 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 138570809
Conc: 55.65 ng/ml



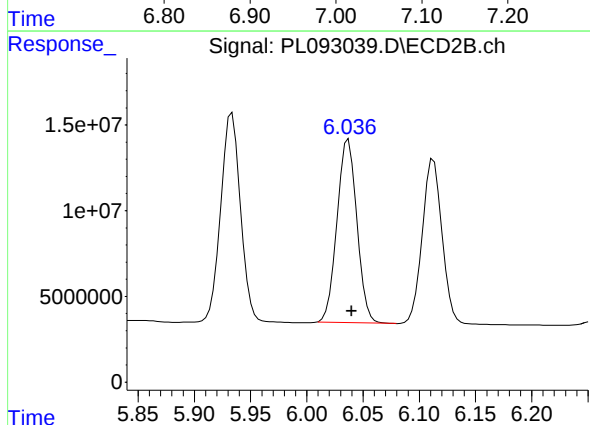
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 90938696
Conc: 43.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

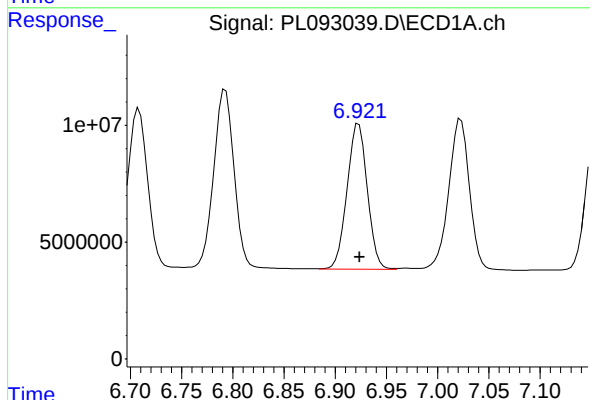
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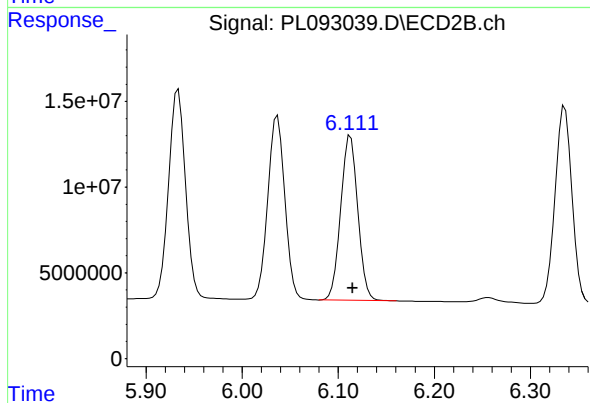
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 131390067
Conc: 48.98 ng/ml



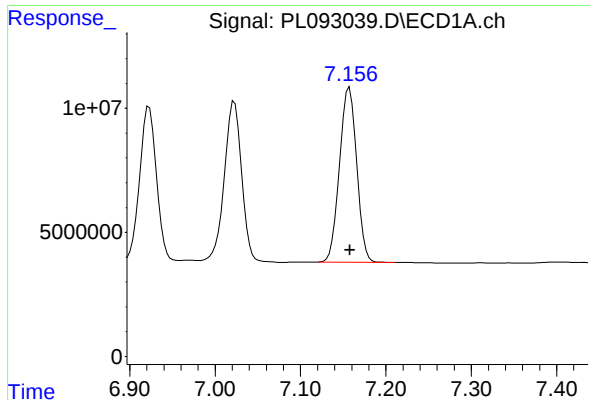
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.001 min
Response: 85764582
Conc: 45.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 117411917
Conc: 50.89 ng/ml



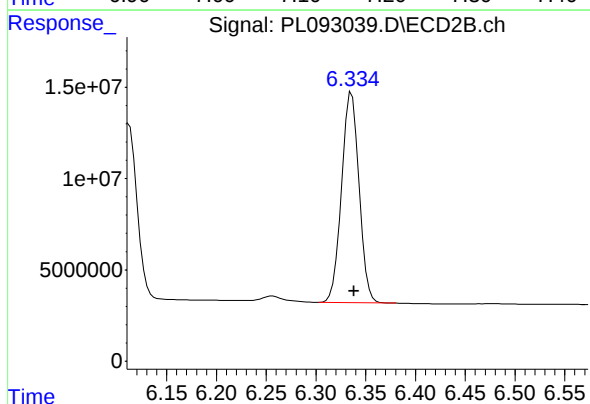
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 98107285
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

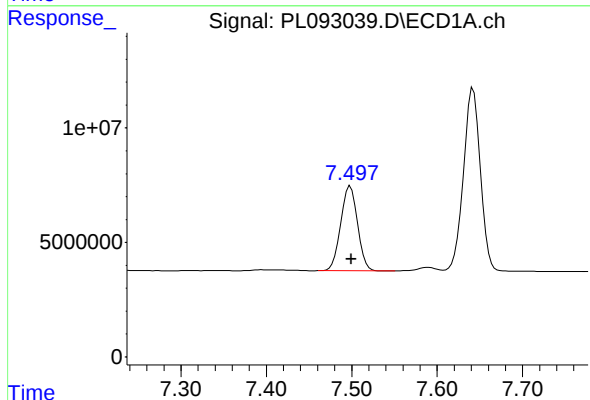
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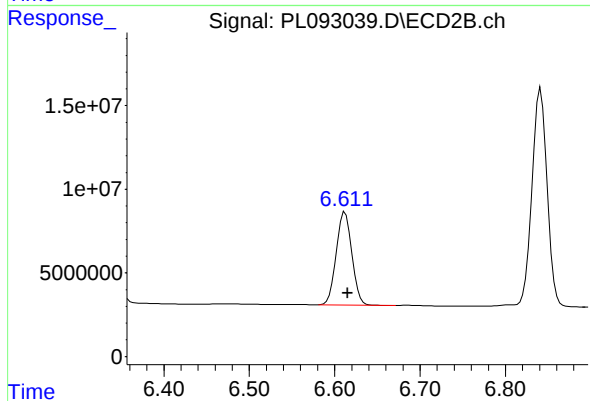
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 141172276
Conc: 52.35 ng/ml



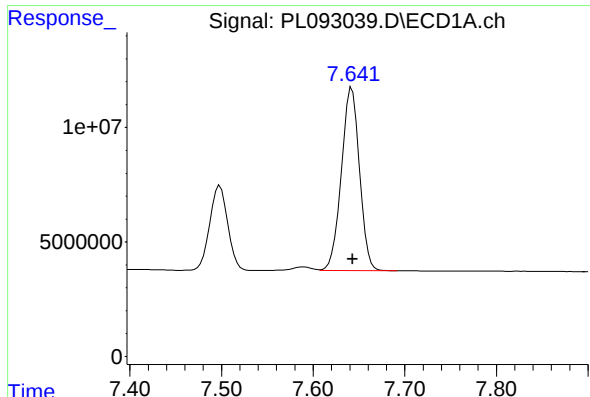
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 50499468
Conc: 44.30 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 70169643
Conc: 49.14 ng/ml



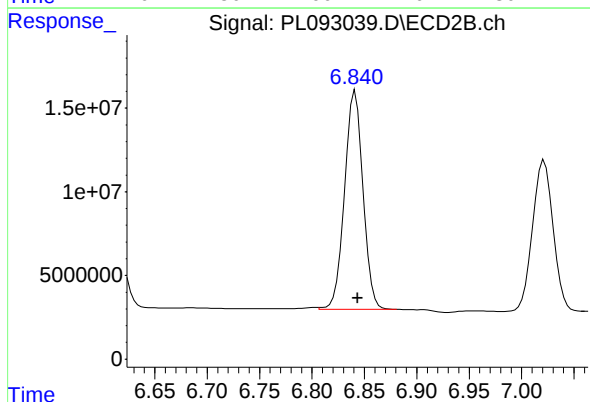
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 110257890
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

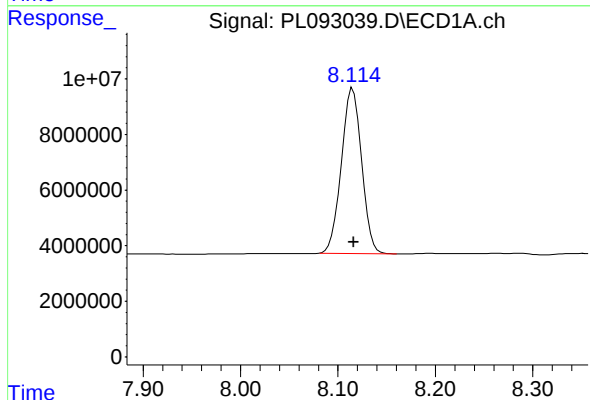
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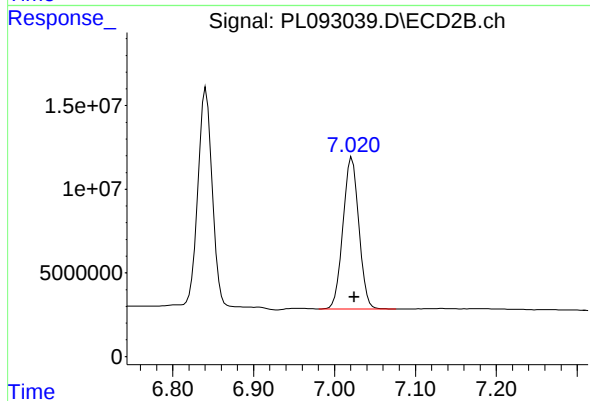
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.004 min
Response: 160553012
Conc: 52.32 ng/ml m



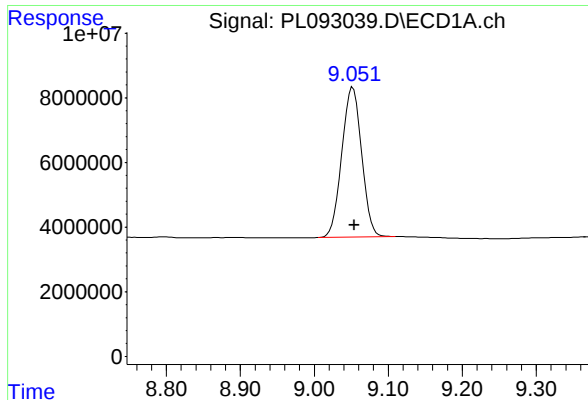
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 86015796
Conc: 43.40 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 123409024
Conc: 47.30 ng/ml m



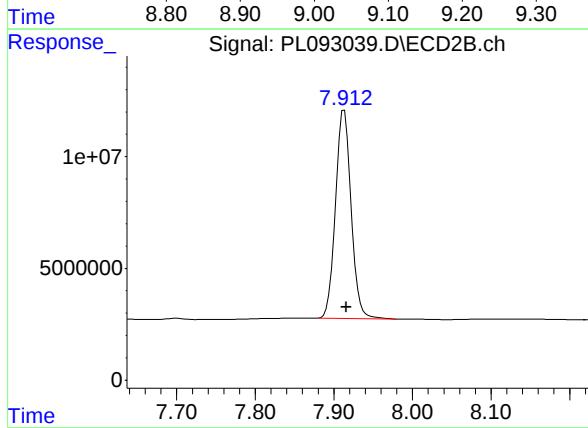
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.002 min
Response: 86459587
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :Ankita Jodhani 11/14/2024



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 128659670
Conc: 47.14 ng/ml