

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071119\
 Data File : PL050311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2019 20:44
 Operator : SM\AJ
 Sample : K3732-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 KY030LC068-SW-190709MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 04:27:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 2019
 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...	3.321	3.933	226.4E6	67732825	20.076	22.122
28)	SA Decachlor...	7.985	8.965	190.5E6	56333581	14.991	16.781
Target Compounds							
2)	A alpha-BHC	3.748	4.321	1127.4E6	302.4E6	60.011	67.553
3)	MA gamma-BHC...	4.024	4.605	1030.8E6	283.3E6	58.135	68.295
4)	MA Heptachlor	4.308	5.106	1061.8E6	287.4E6	58.412	66.388
5)	MB Aldrin	4.546	5.408	960.5E6	256.5E6	55.623	65.490
6)	B beta-BHC	4.278	4.780	419.7E6	126.4E6	57.384	65.252
7)	B delta-BHC	4.471	4.994	992.2E6	250.4E6	55.480	63.564
8)	B Heptachlor...	4.982	5.794	939.7E6	254.4E6	58.376	69.970m
9)	A Endosulfan I	5.312	6.150	908.1E6	234.4E6	58.692	68.993
10)	B gamma-Chl...	5.205	6.029	991.2E6	253.3E6	58.006	67.969
11)	B alpha-Chl...	5.261	6.101	957.4E6	249.8E6	57.678	67.543
12)	B 4,4'-DDE	5.428	6.261	909.7E6	238.8E6	54.606	68.806 #
13)	MA Dieldrin	5.551	6.407	964.5E6	241.7E6	57.902	68.133
14)	MA Endrin	5.804	6.624	939.6E6	207.5E6	58.673	65.738
15)	B Endosulfa...	6.079	6.835	845.4E6	203.2E6	58.015	63.087
16)	A 4,4'-DDD	5.938	6.751	737.7E6	176.4E6	58.439m	67.474
17)	MA 4,4'-DDT	6.173	7.048	728.7E6	169.5E6	54.891	57.885
18)	B Endrin al...	6.246	6.960	643.4E6	164.1E6	54.470	59.742
19)	B Endosulfa...	6.458	7.183	684.0E6	178.4E6	52.757	59.279
20)	A Methoxychlor	6.718	7.509	331.8E6	94065844	50.897	56.436
21)	B Endrin ke...	6.939	7.651	743.4E6	188.4E6	52.888	60.473
22)	Mirex	7.113	8.101	476.4E6	130.1E6	46.086	51.452

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071119\
Data File : PL050311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2019 20:44
Operator : SM\AJ
Sample : K3732-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

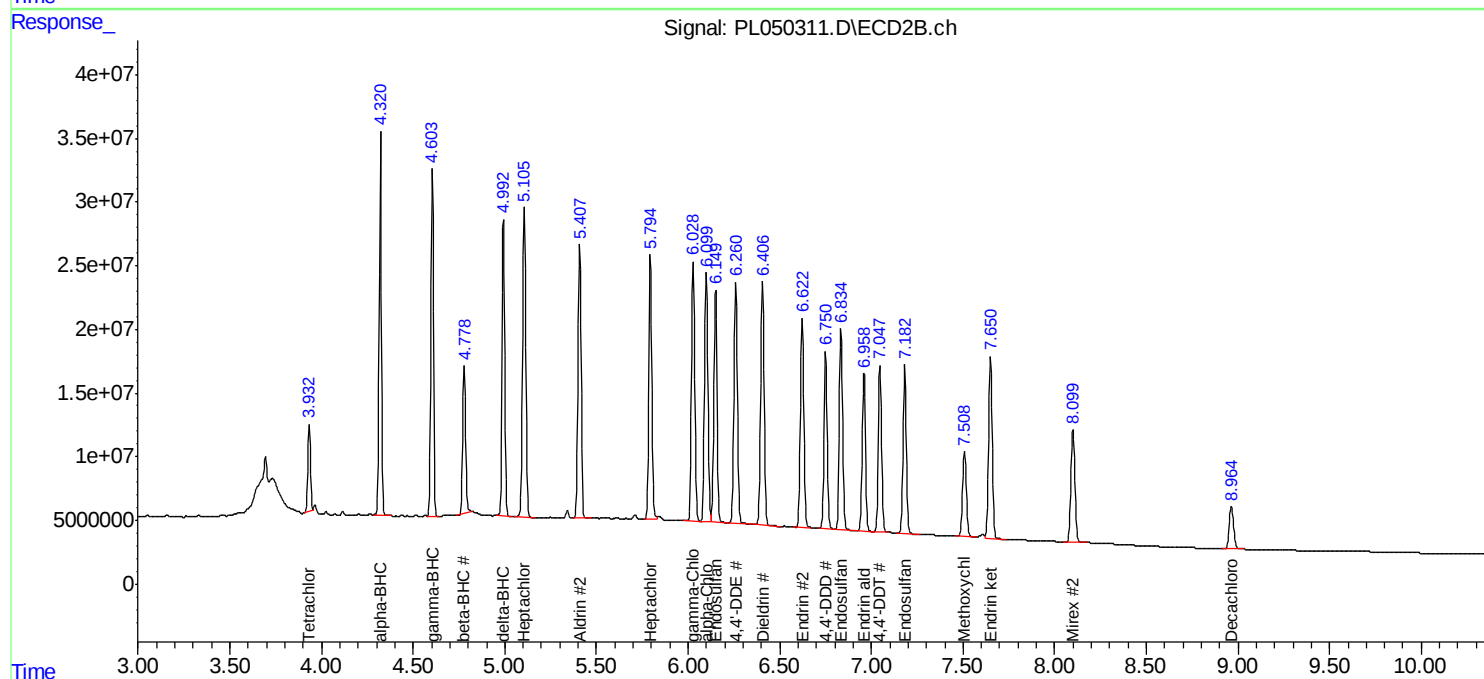
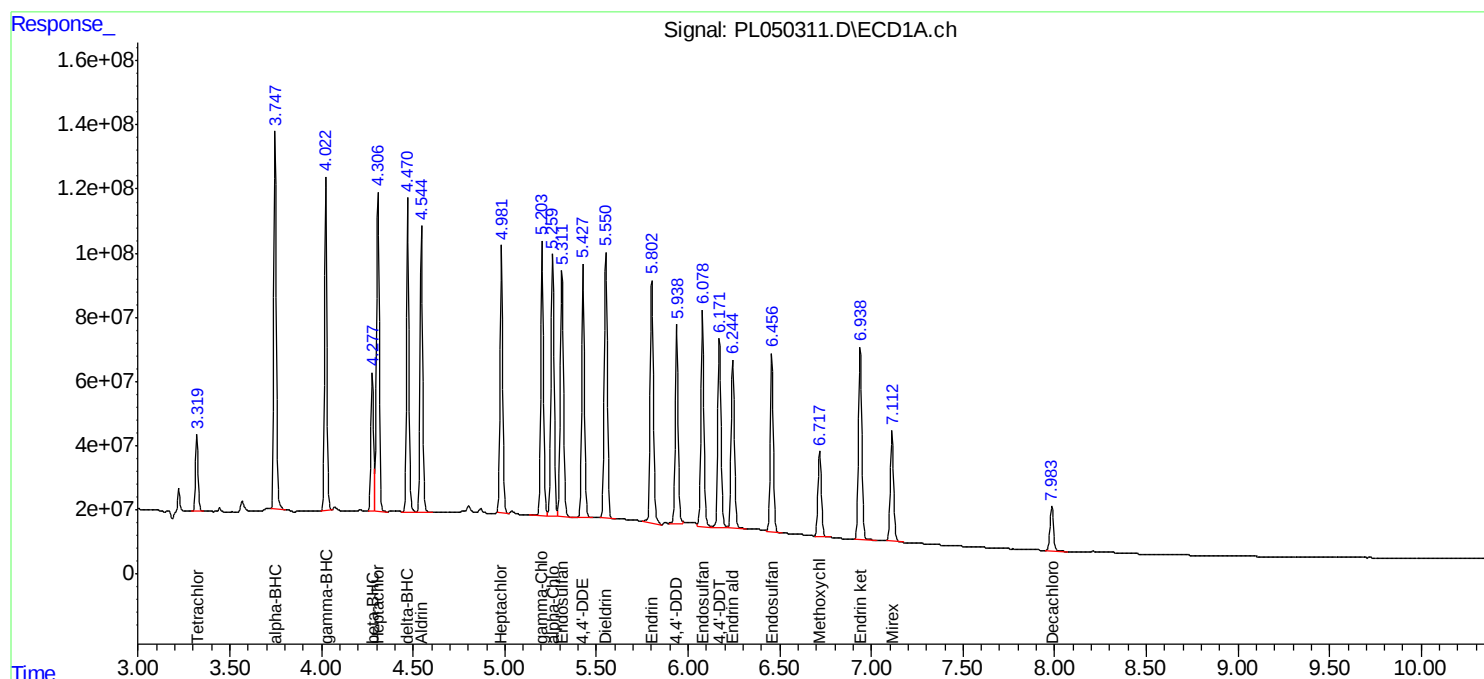
Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

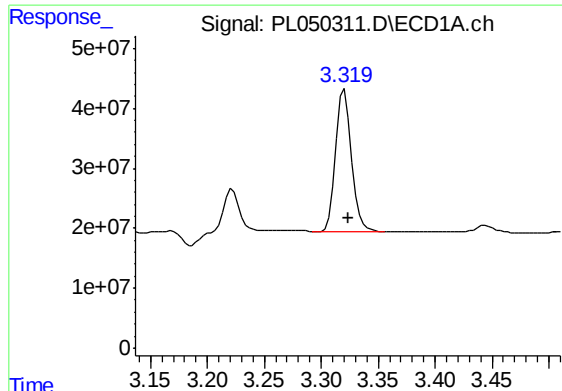
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 12 04:27:20 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
Quant Title : GC Extractables
QLast Update : Fri Jun 21 02:23:20 2019
Response 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





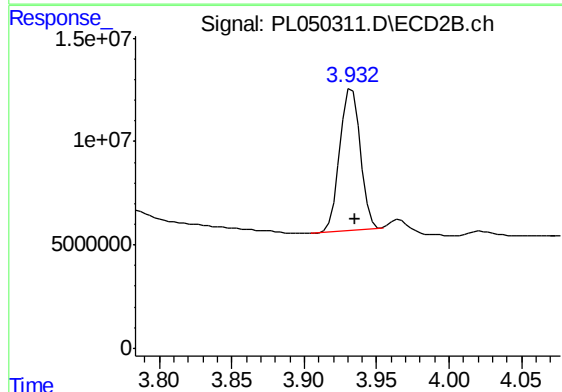
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.003 min
Response: 226412954
Conc: 20.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

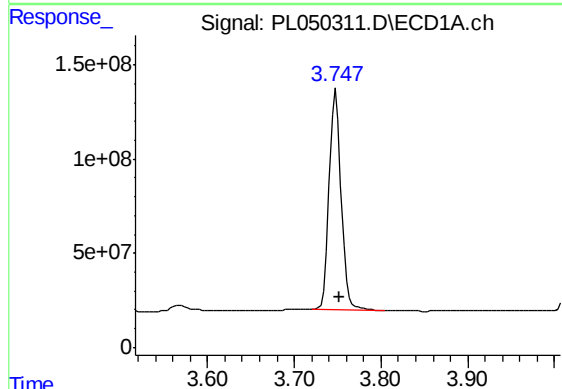
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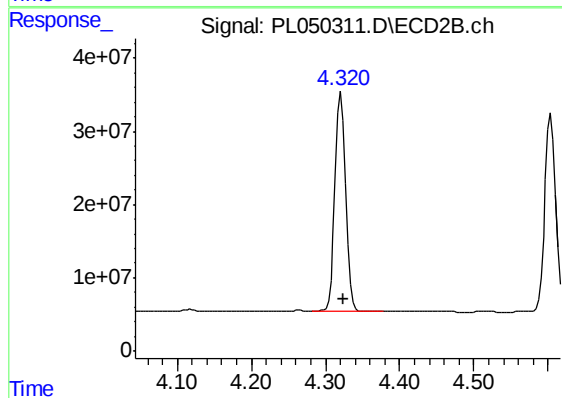
#1 Tetrachloro-m-xylene

R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 67732825
Conc: 22.12 ng/ml



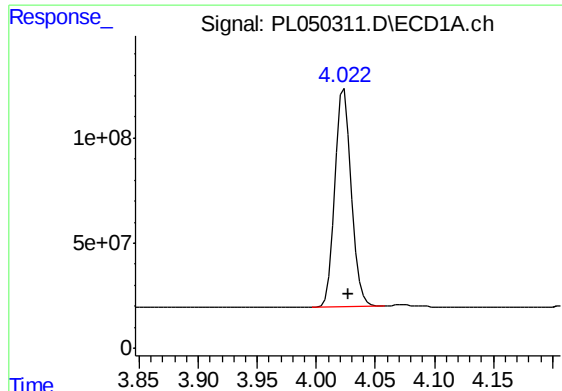
#2 alpha-BHC

R.T.: 3.748 min
Delta R.T.: -0.004 min
Response: 1127440576
Conc: 60.01 ng/ml



#2 alpha-BHC

R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 302407069
Conc: 67.55 ng/ml



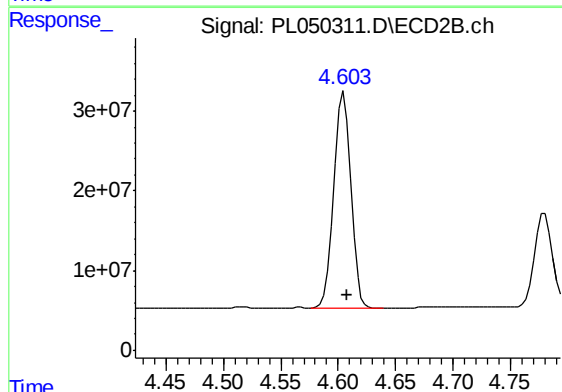
#3 gamma-BHC (Lindane)

R.T.: 4.024 min
Delta R.T.: -0.004 min
Response: 1030767464
Conc: 58.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

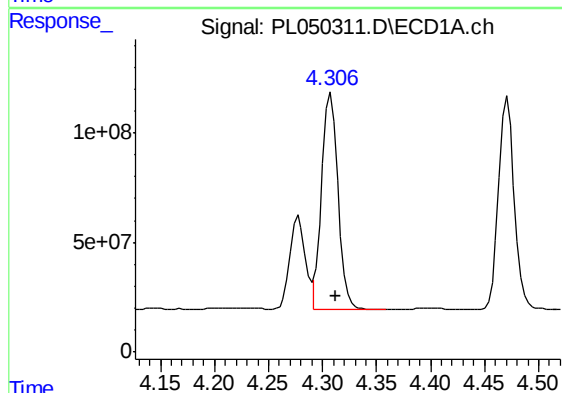
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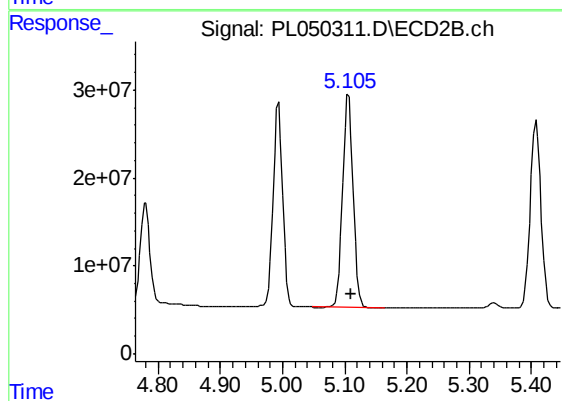
#3 gamma-BHC (Lindane)

R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 283274364
Conc: 68.29 ng/ml



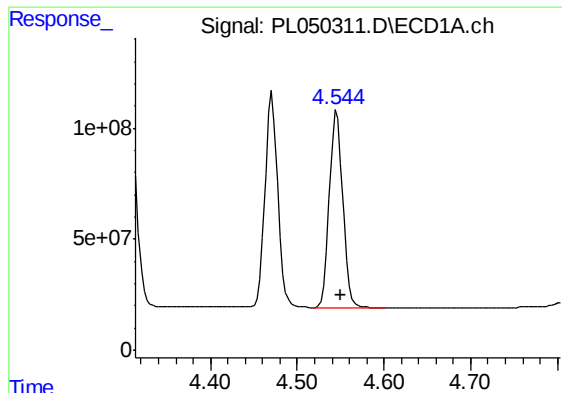
#4 Heptachlor

R.T.: 4.308 min
Delta R.T.: -0.004 min
Response: 1061765119
Conc: 58.41 ng/ml



#4 Heptachlor

R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 287355337
Conc: 66.39 ng/ml



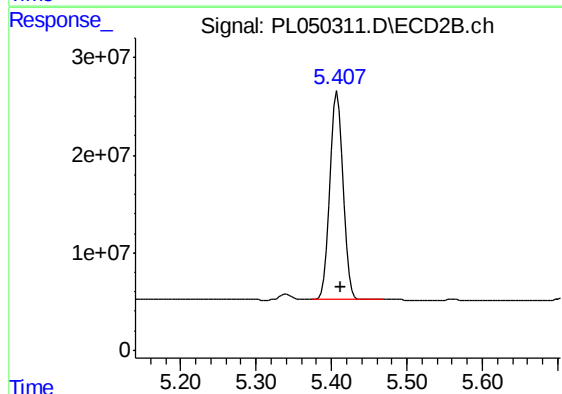
#5 Aldrin

R.T.: 4.546 min
Delta R.T.: -0.005 min
Response: 960497512
Conc: 55.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

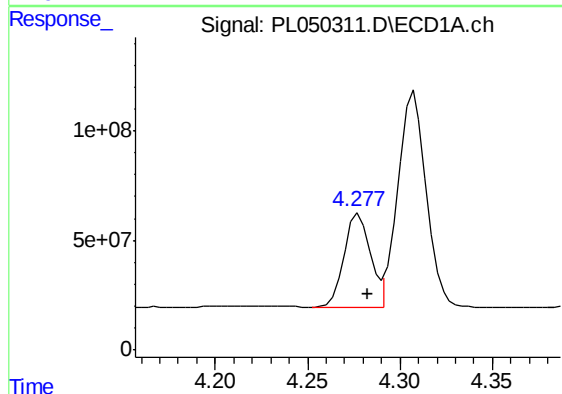
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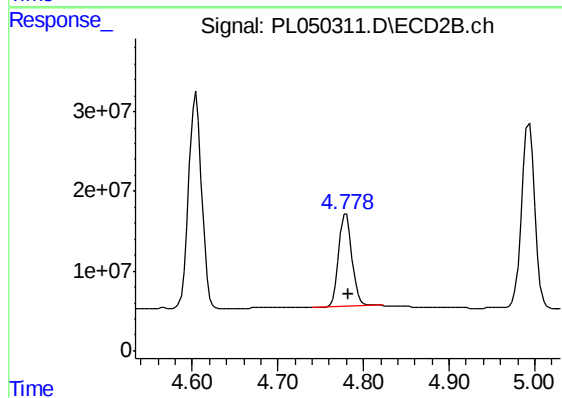
#5 Aldrin

R.T.: 5.408 min
Delta R.T.: -0.005 min
Response: 256528278
Conc: 65.49 ng/ml



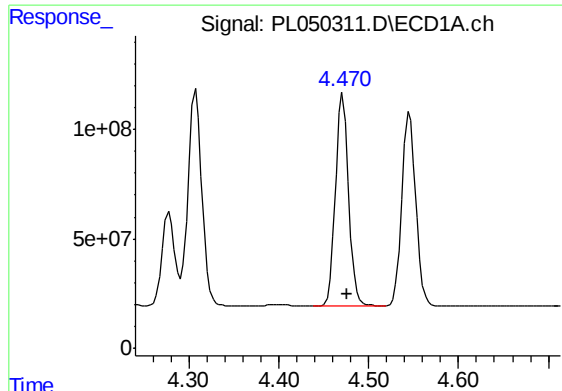
#6 beta-BHC

R.T.: 4.278 min
Delta R.T.: -0.004 min
Response: 419749867
Conc: 57.38 ng/ml



#6 beta-BHC

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 126394932
Conc: 65.25 ng/ml



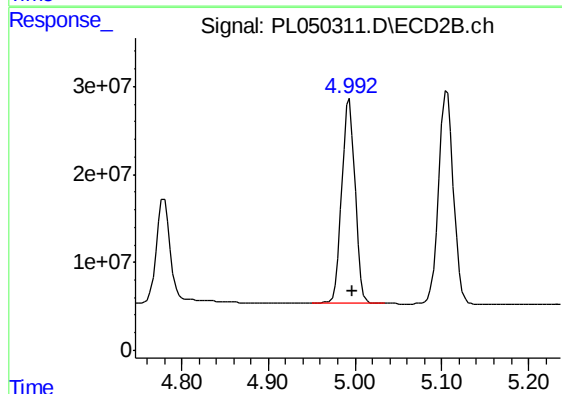
#7 delta-BHC

R.T.: 4.471 min
Delta R.T.: -0.005 min
Response: 992201052
Conc: 55.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

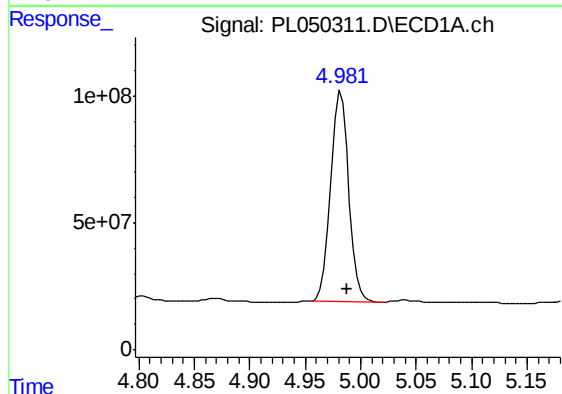
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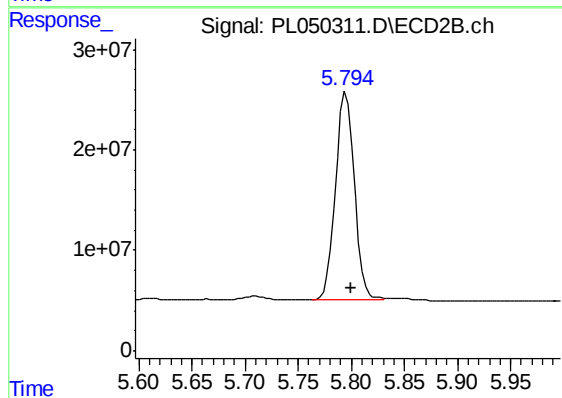
#7 delta-BHC

R.T.: 4.994 min
Delta R.T.: -0.003 min
Response: 250372447
Conc: 63.56 ng/ml



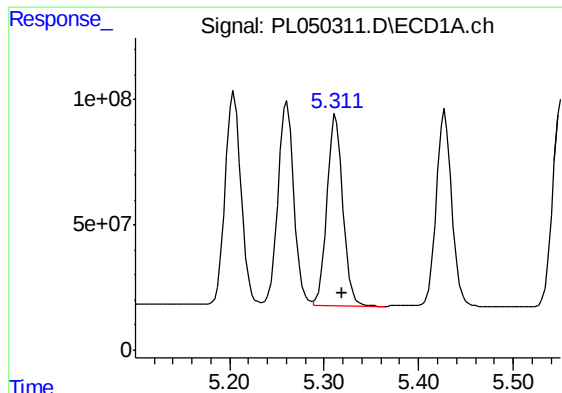
#8 Heptachlor epoxide

R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 939692355
Conc: 58.38 ng/ml



#8 Heptachlor epoxide

R.T.: 5.794 min
Delta R.T.: -0.006 min
Response: 254396067
Conc: 69.97 ng/ml m



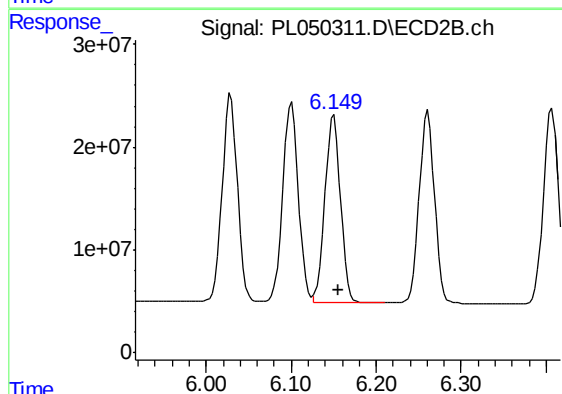
#9 Endosulfan I

R.T.: 5.312 min
Delta R.T.: -0.006 min
Response: 908109020
Conc: 58.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

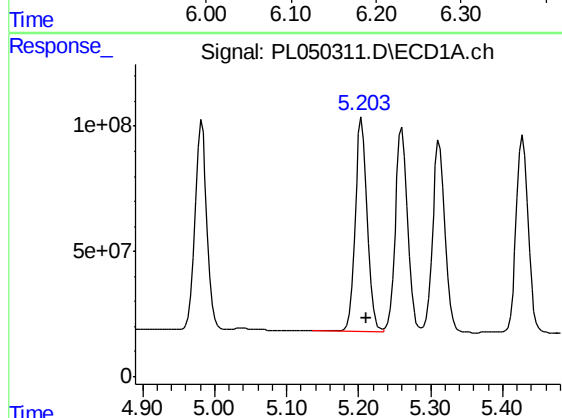
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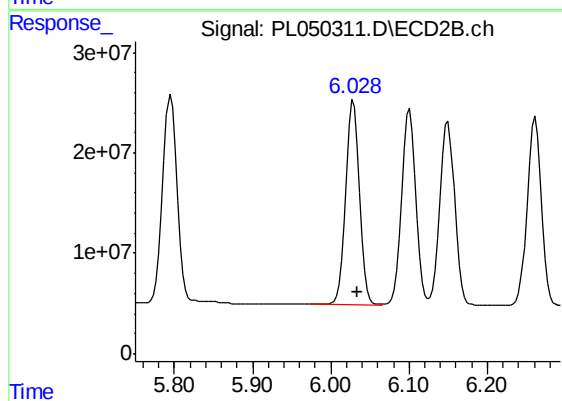
#9 Endosulfan I

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 234394710
Conc: 68.99 ng/ml



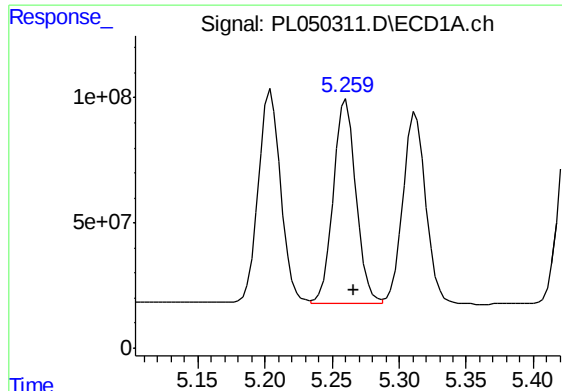
#10 gamma-Chlordane

R.T.: 5.205 min
Delta R.T.: -0.006 min
Response: 991244949
Conc: 58.01 ng/ml



#10 gamma-Chlordane

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 253283888
Conc: 67.97 ng/ml



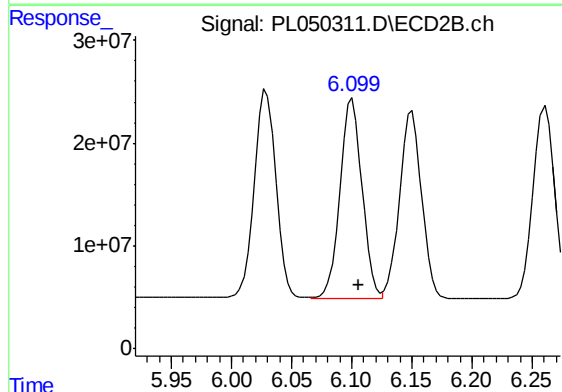
#11 alpha-Chlordane

R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 957387070
Conc: 57.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

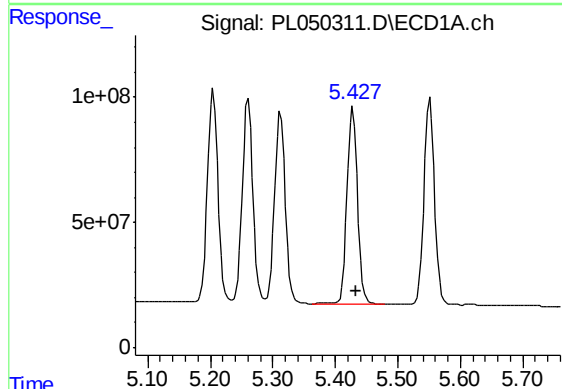
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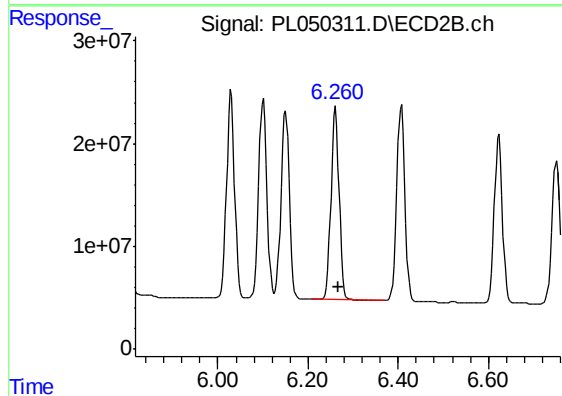
#11 alpha-Chlordane

R.T.: 6.101 min
Delta R.T.: -0.005 min
Response: 249804850
Conc: 67.54 ng/ml



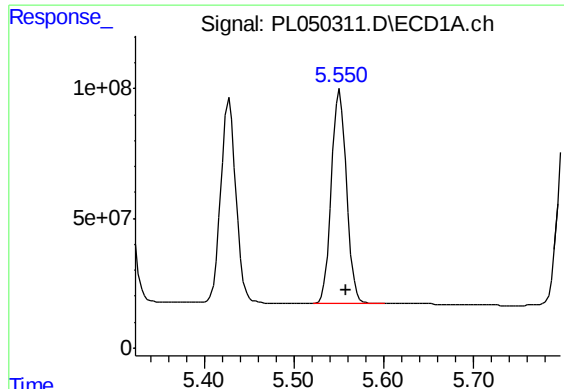
#12 4,4'-DDE

R.T.: 5.428 min
Delta R.T.: -0.006 min
Response: 909691455
Conc: 54.61 ng/ml



#12 4,4'-DDE

R.T.: 6.261 min
Delta R.T.: -0.005 min
Response: 238763400
Conc: 68.81 ng/ml



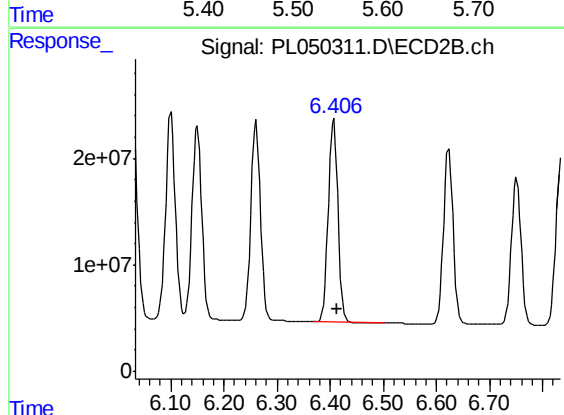
#13 Dieldrin

R.T.: 5.551 min
Delta R.T.: -0.006 min
Response: 964528266
Conc: 57.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

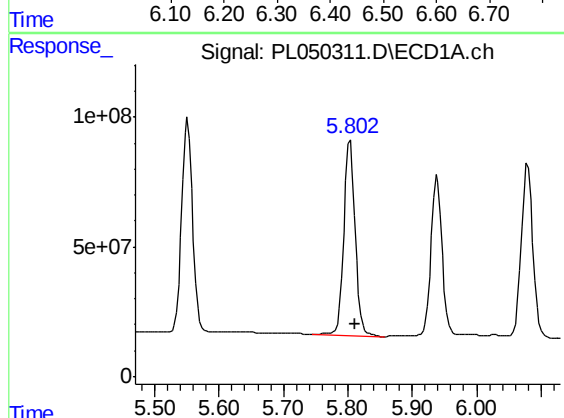
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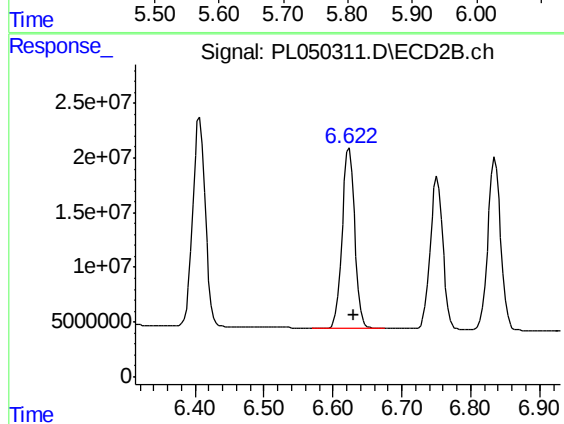
#13 Dieldrin

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 241704793
Conc: 68.13 ng/ml



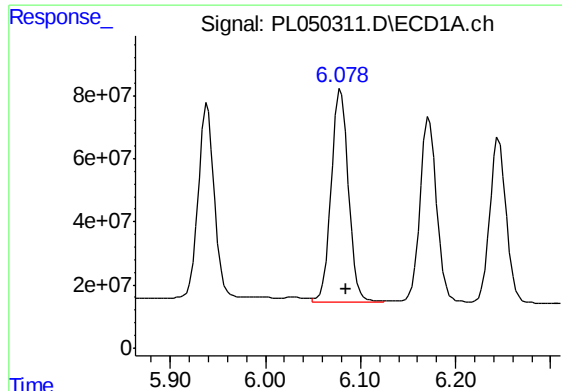
#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.007 min
Response: 939636369
Conc: 58.67 ng/ml



#14 Endrin

R.T.: 6.624 min
Delta R.T.: -0.006 min
Response: 207548750
Conc: 65.74 ng/ml



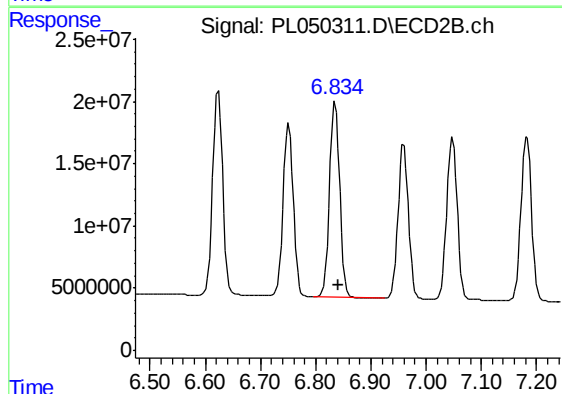
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.006 min
Response: 845351024
Conc: 58.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

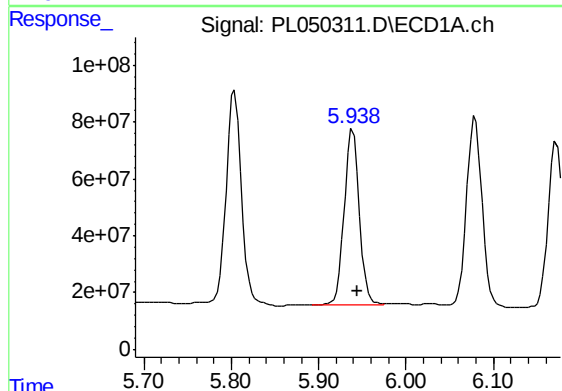
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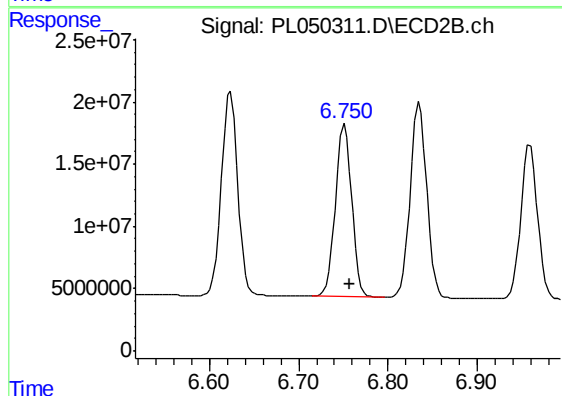
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: -0.006 min
Response: 203197937
Conc: 63.09 ng/ml



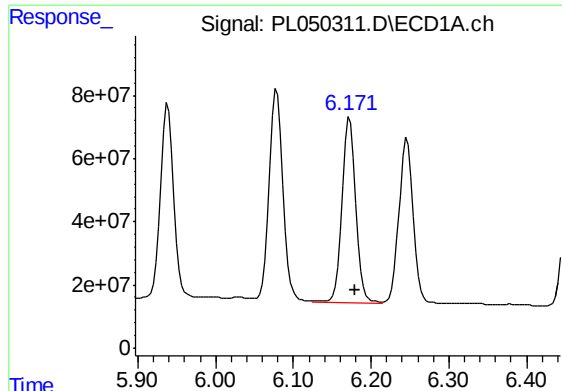
#16 4,4'-DDD

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 737734369
Conc: 58.44 ng/ml m



#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 176393076
Conc: 67.47 ng/ml



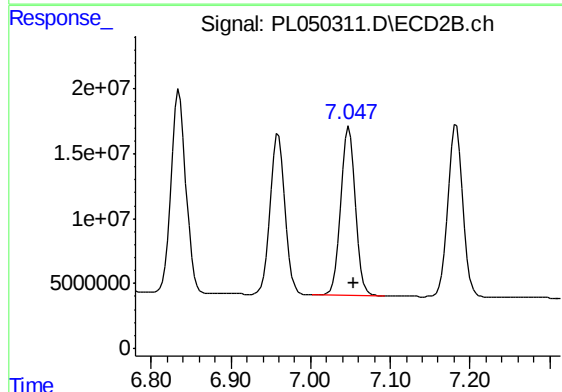
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.007 min
Response: 728723197
Conc: 54.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

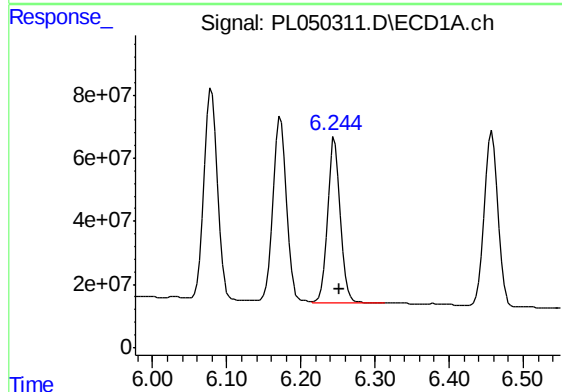
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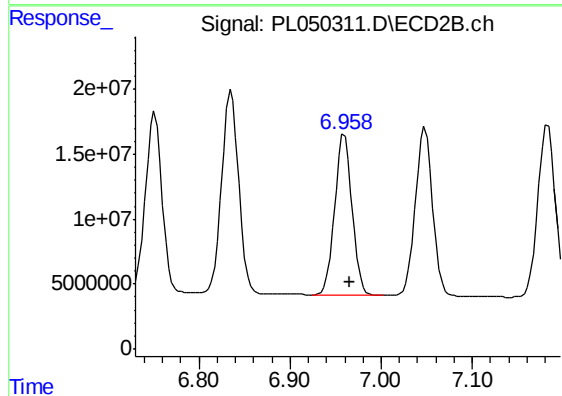
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 169533143
Conc: 57.89 ng/ml



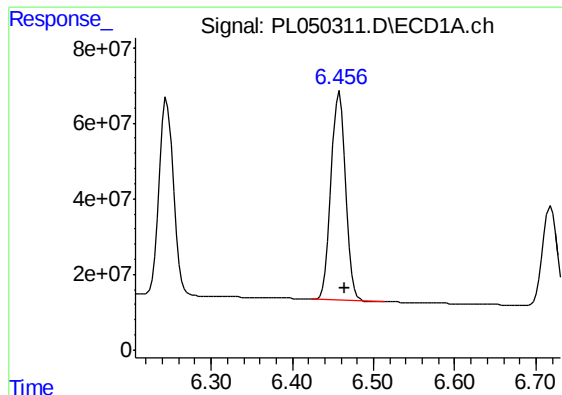
#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.007 min
Response: 643387539
Conc: 54.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 164074281
Conc: 59.74 ng/ml



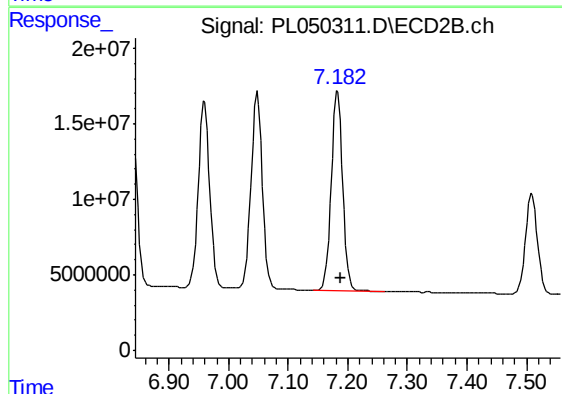
#19 Endosulfan Sulfate

R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 684024873
Conc: 52.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

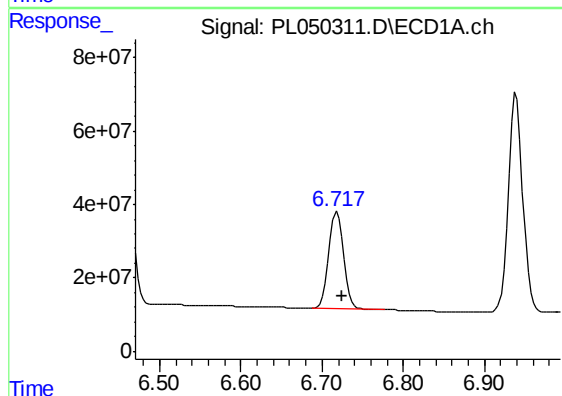
Manual Integrations
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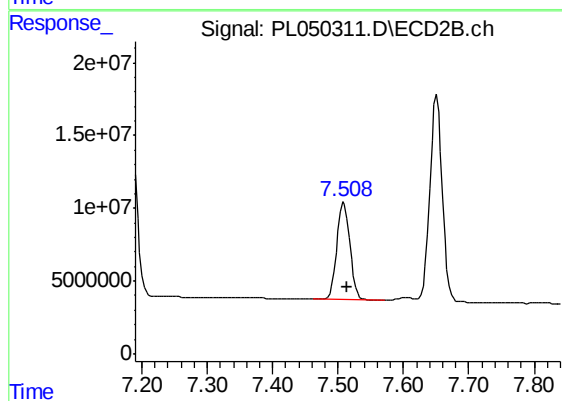
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: -0.005 min
Response: 178405807
Conc: 59.28 ng/ml



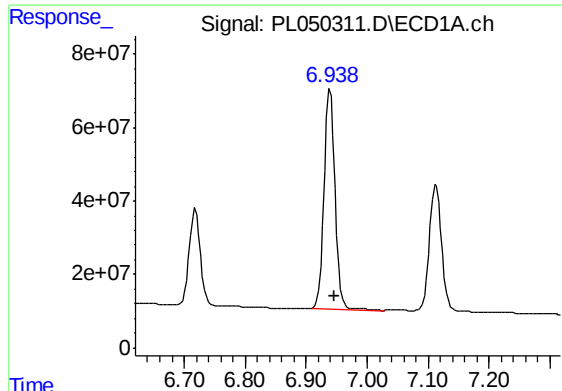
#20 Methoxychlor

R.T.: 6.718 min
Delta R.T.: -0.007 min
Response: 331760969
Conc: 50.90 ng/ml



#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: -0.005 min
Response: 94065844
Conc: 56.44 ng/ml



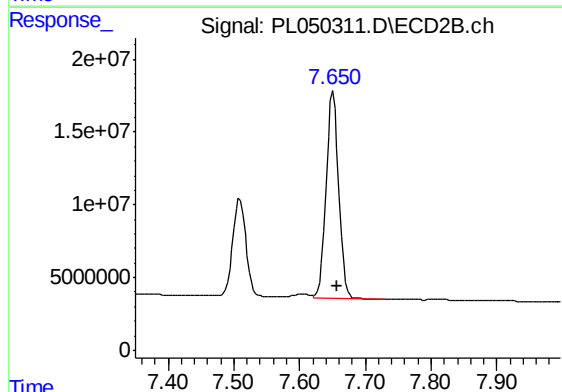
#21 Endrin ketone

R.T.: 6.939 min
Delta R.T.: -0.007 min
Response: 743355372
Conc: 52.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

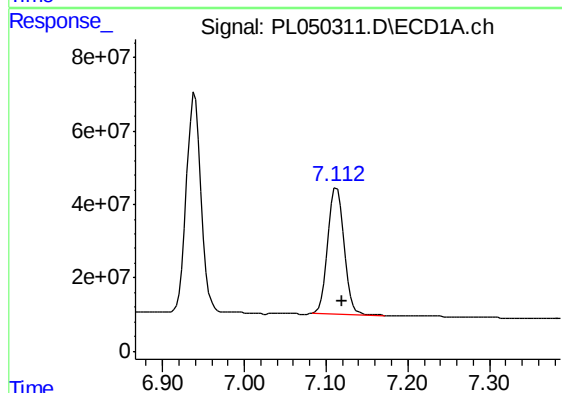
Manual Integrations
APPROVED

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7/12/2019 10:10:11 AM



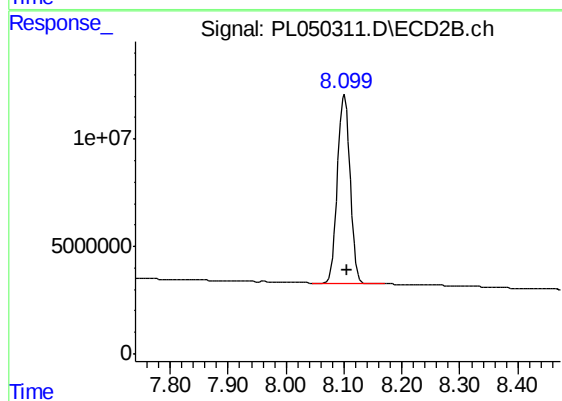
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.006 min
Response: 188445698
Conc: 60.47 ng/ml



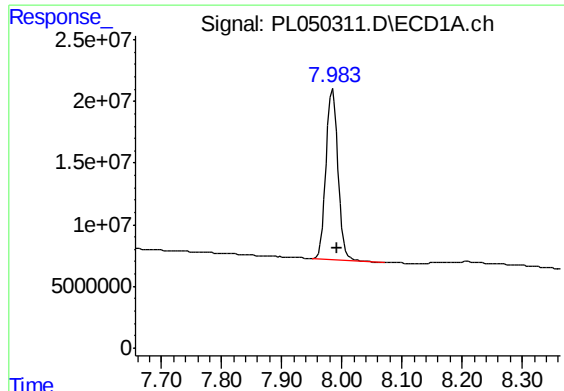
#22 Mirex

R.T.: 7.113 min
Delta R.T.: -0.007 min
Response: 476386377
Conc: 46.09 ng/ml



#22 Mirex

R.T.: 8.101 min
Delta R.T.: -0.006 min
Response: 130105828
Conc: 51.45 ng/ml



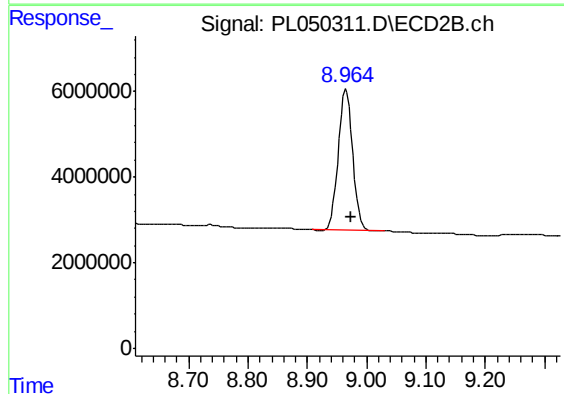
#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.008 min
Response: 190480962
Conc: 14.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-SW-190709MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.965 min
Delta R.T.: -0.008 min
Response: 56333581
Conc: 16.78 ng/ml