

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073021\
 Data File : PL068600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 14:05
 Operator : AR\AJ
 Sample : M2997-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR-200029MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 12:27:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 2021
 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...	4.638	5.571	8681216	21898892	20.227	21.461
28)	SA Decachlor...	10.417	11.496	11561528	20131748	20.557	22.569
Target Compounds							
2)	A alpha-BHC	5.347	6.151	31786161	83176580	54.299	61.176
3)	MA gamma-BHC...	5.770	6.547	32673306	78870376	57.479	61.130
4)	MA Heptachlor	6.182	7.197	35438820	80881917	58.142	62.059
5)	MB Aldrin	6.507	7.569	31177512	73207038	55.481	61.701
6)	B beta-BHC	6.150	6.800	17649222	37021842	60.314	52.404
7)	B delta-BHC	6.411	7.068	32264513	74715451	57.747	60.982
8)	B Heptachlo...	7.085	8.035	31868027	73624409	57.363	65.119
9)	A Endosulfan I	7.488	8.440	32903681	76613159	62.285	74.412
10)	B gamma-Chl...	7.362	8.305	32580150	72123571	56.783	64.041
11)	B alpha-Chl...	7.432	8.386	32524785	74677596	56.629	66.397
12)	B 4,4'-DDE	7.647	8.573	29373712	67833599	58.290	65.821
13)	MA Dieldrin	7.775	8.730	30772989	70059524	57.169	66.054
14)	MA Endrin	8.066	8.970	30043424	60967887	60.076	68.184
15)	B Endosulfa...	8.377	9.203	29159958	60770506	59.063	67.047
16)	A 4,4'-DDD	8.232	9.112	25316455	55265044	56.677	64.905
17)	MA 4,4'-DDT	8.494	9.429	28927085	58938213	57.670	62.445
18)	B Endrin al...	8.565	9.338	25437822	52108110	64.215	72.300
19)	B Endosulfa...	8.796	9.575	31052566	59494875	59.095	66.070
20)	A Methoxychlor	9.089	9.914	18000931	32760711	57.546	64.485
21)	B Endrin ke...	9.316	10.074	35085258	65714472	59.254	65.890
22)	Mirex	9.505	10.541	27391230	47248524	55.468	61.073

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073021\
Data File : PL068600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 14:05
Operator : AR\AJ
Sample : M2997-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

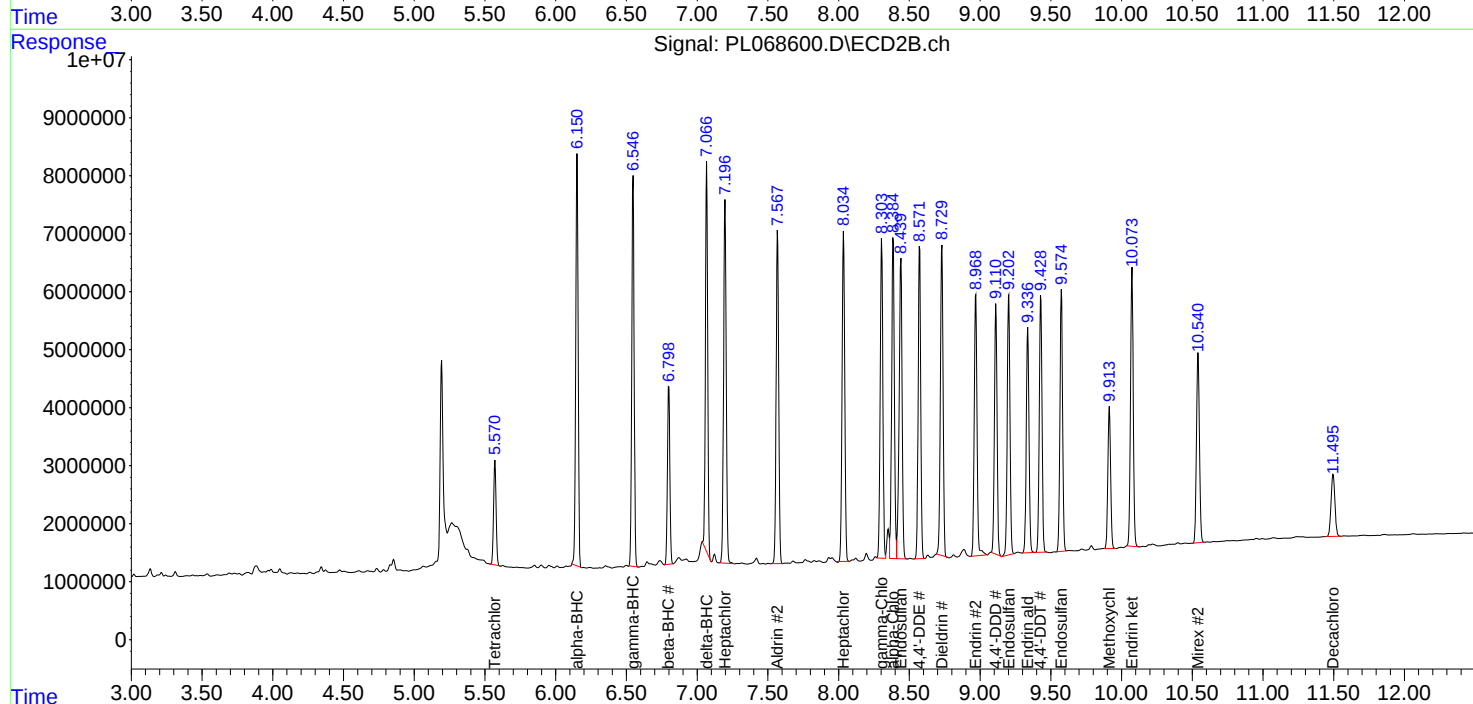
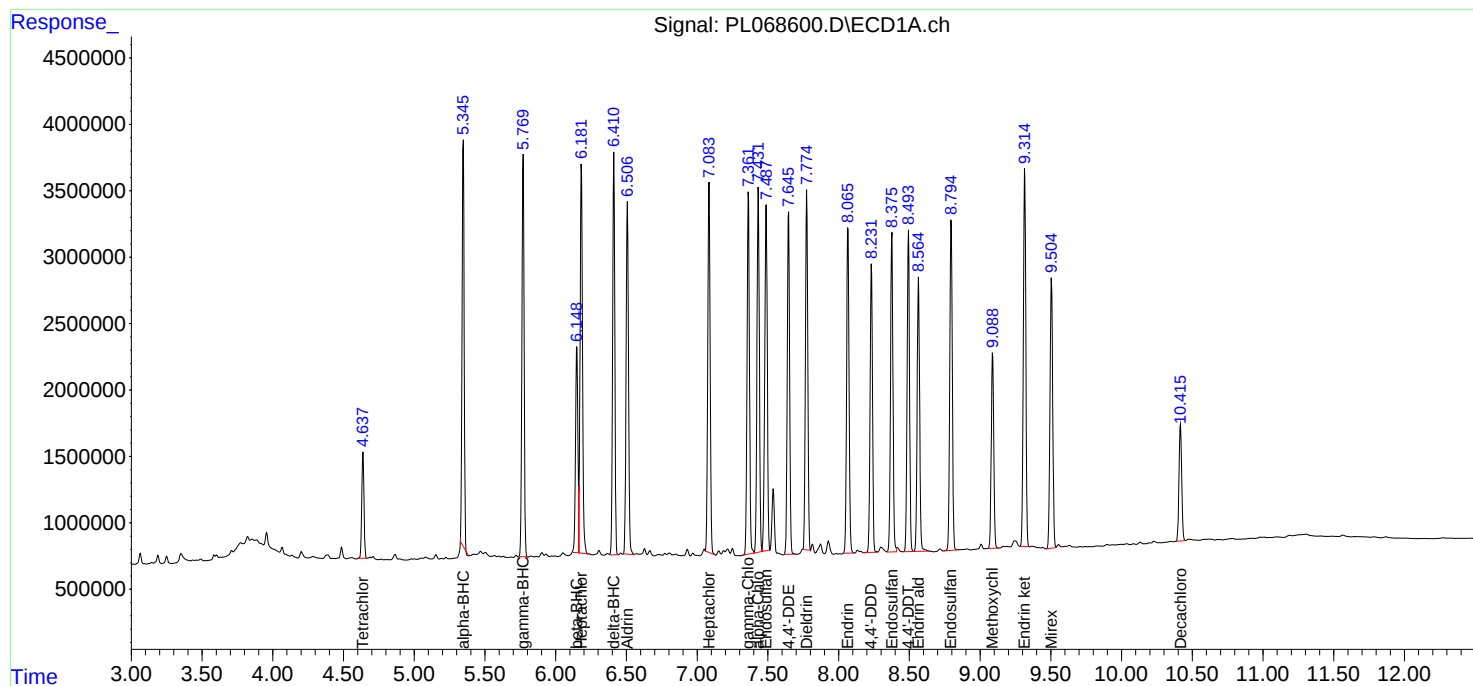
Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

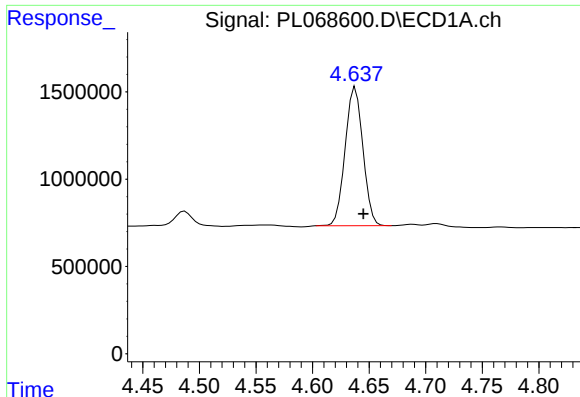
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 12:27:42 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
Quant Title : GC Extractables
QLast Update : Tue Jul 20 11:44:21 2021
Response 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





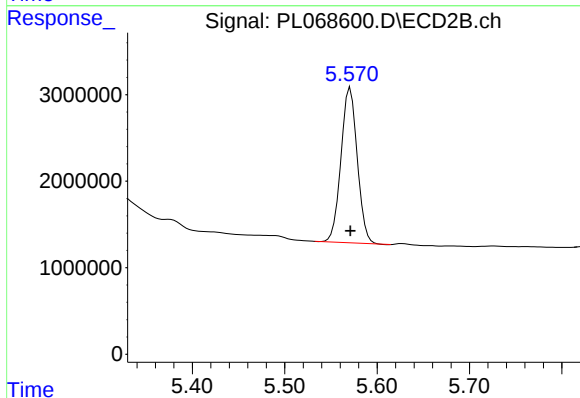
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.007 min
Response: 8681216
Conc: 20.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

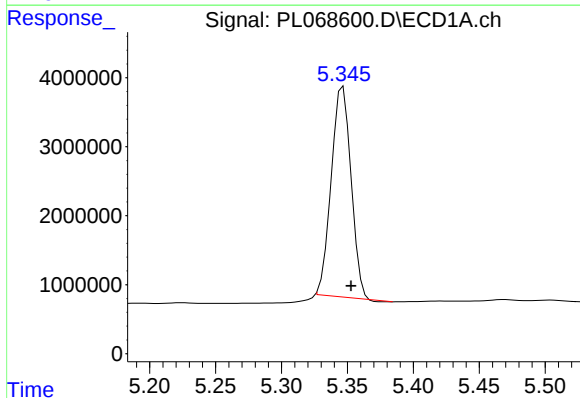
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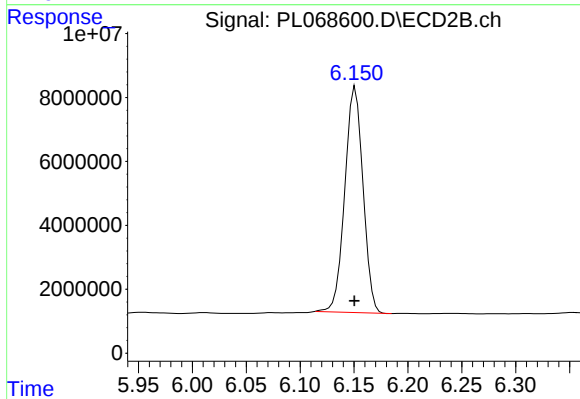
#1 Tetrachloro-m-xylene

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 21898892
Conc: 21.46 ng/ml



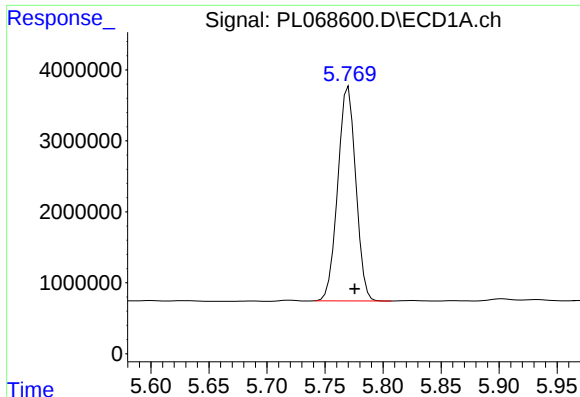
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: -0.006 min
Response: 31786161
Conc: 54.30 ng/ml



#2 alpha-BHC

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 83176580
Conc: 61.18 ng/ml



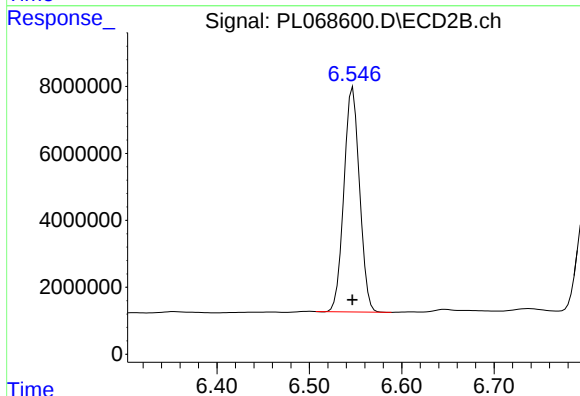
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 32673306
Conc: 57.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

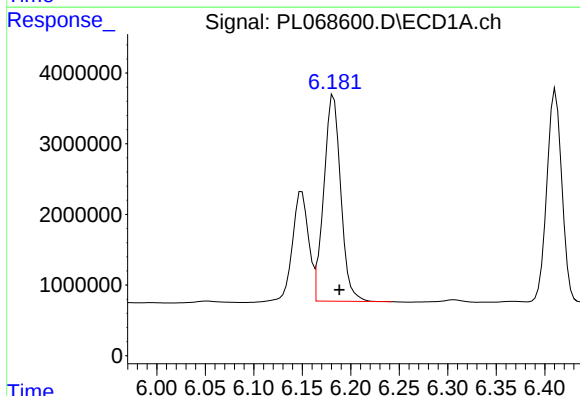
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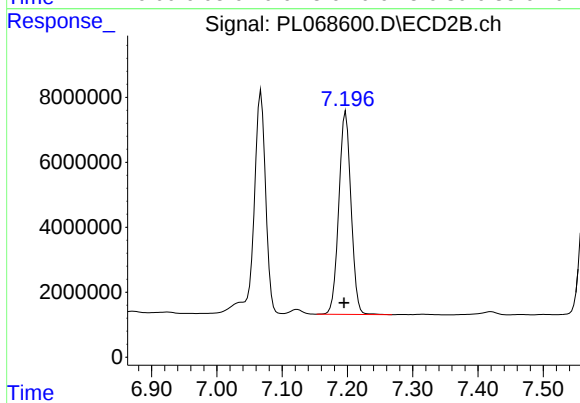
#3 gamma-BHC (Lindane)

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 78870376
Conc: 61.13 ng/ml



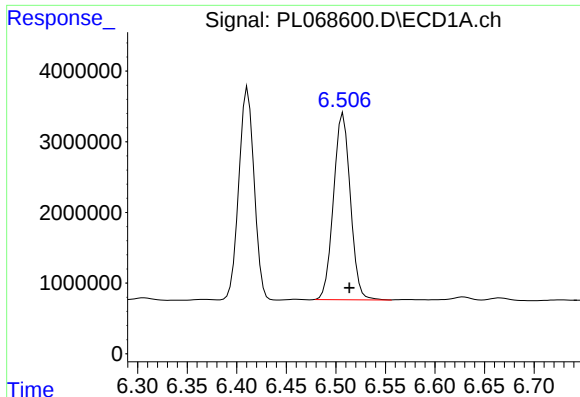
#4 Heptachlor

R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 35438820
Conc: 58.14 ng/ml



#4 Heptachlor

R.T.: 7.197 min
Delta R.T.: 0.002 min
Response: 80881917
Conc: 62.06 ng/ml



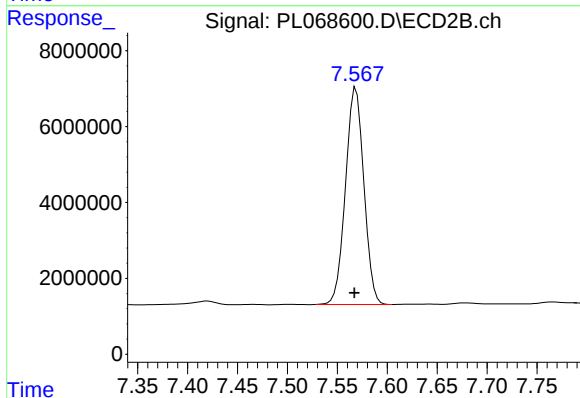
#5 Aldrin

R.T.: 6.507 min
Delta R.T.: -0.006 min
Response: 31177512
Conc: 55.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

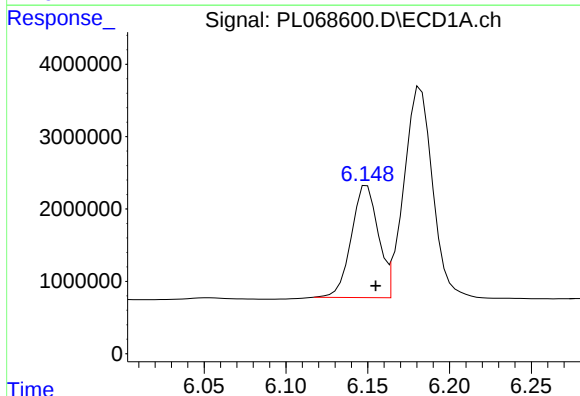
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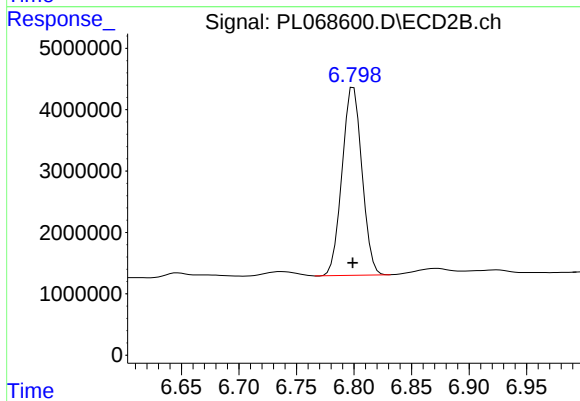
#5 Aldrin

R.T.: 7.569 min
Delta R.T.: 0.002 min
Response: 73207038
Conc: 61.70 ng/ml



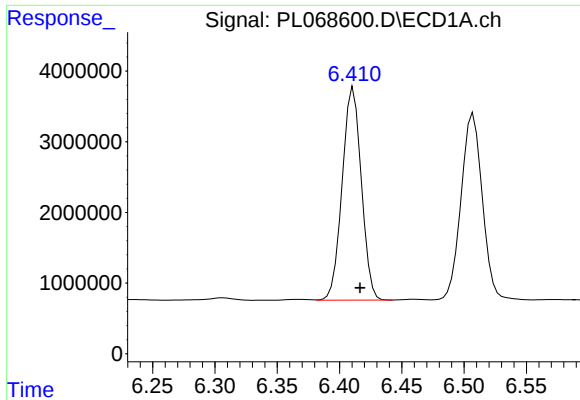
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 17649222
Conc: 60.31 ng/ml



#6 beta-BHC

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 37021842
Conc: 52.40 ng/ml



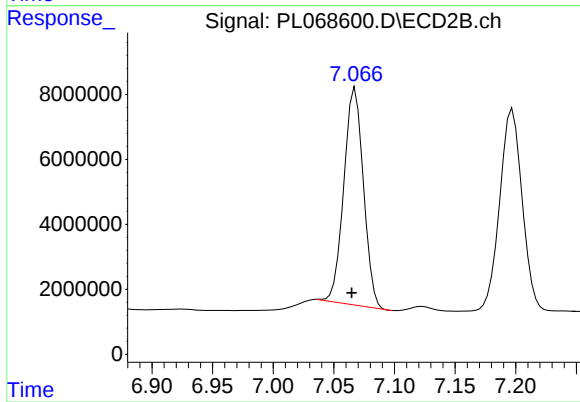
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.005 min
Response: 32264513
Conc: 57.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

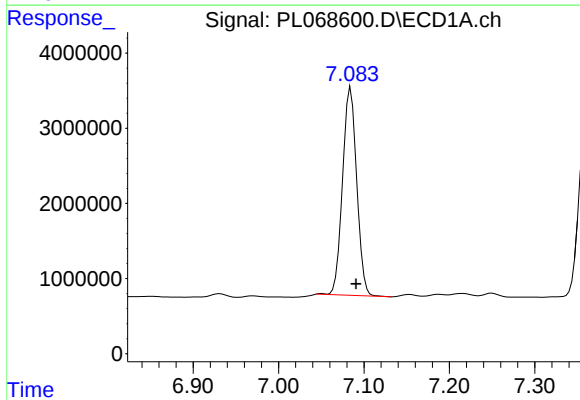
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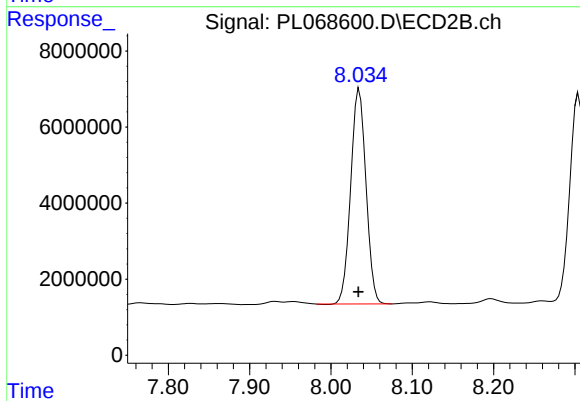
#7 delta-BHC

R.T.: 7.068 min
Delta R.T.: 0.003 min
Response: 74715451
Conc: 60.98 ng/ml



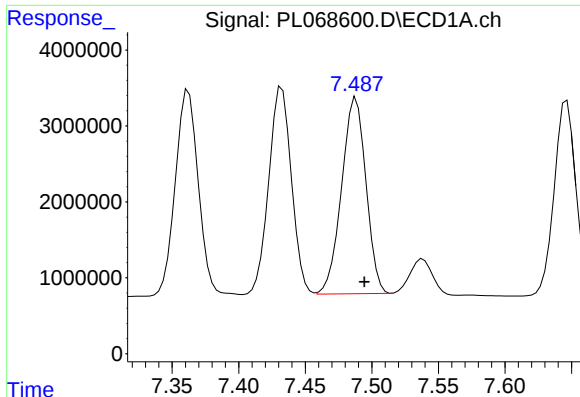
#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.006 min
Response: 31868027
Conc: 57.36 ng/ml



#8 Heptachlor epoxide

R.T.: 8.035 min
Delta R.T.: 0.001 min
Response: 73624409
Conc: 65.12 ng/ml



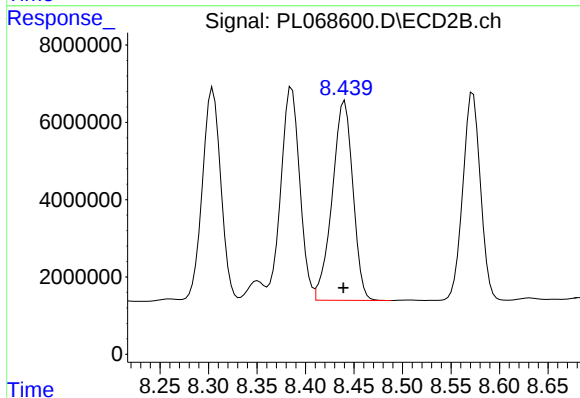
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: -0.006 min
Response: 32903681
Conc: 62.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

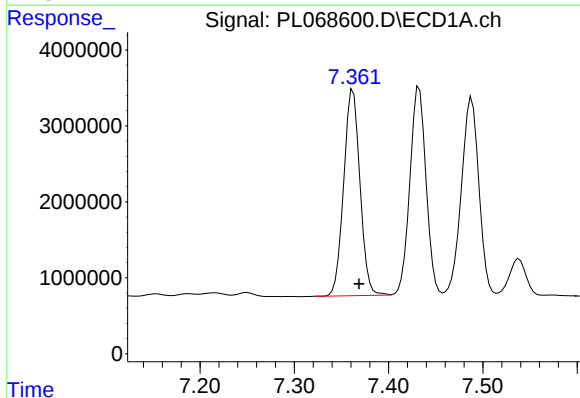
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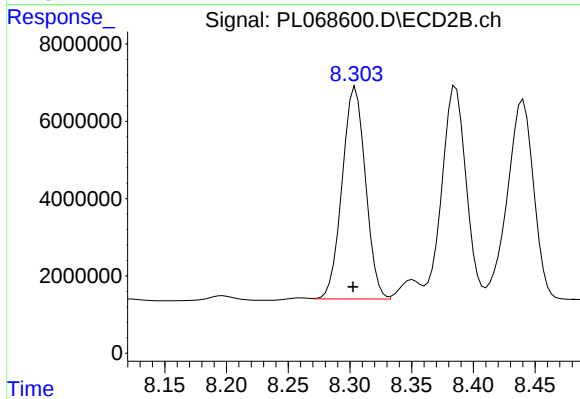
#9 Endosulfan I

R.T.: 8.440 min
Delta R.T.: 0.001 min
Response: 76613159
Conc: 74.41 ng/ml



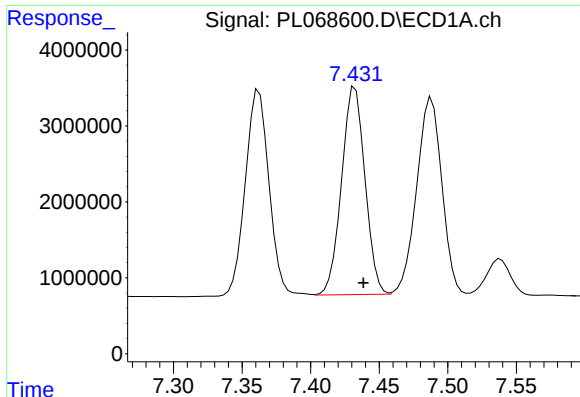
#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.006 min
Response: 32580150
Conc: 56.78 ng/ml



#10 gamma-Chlordane

R.T.: 8.305 min
Delta R.T.: 0.002 min
Response: 72123571
Conc: 64.04 ng/ml



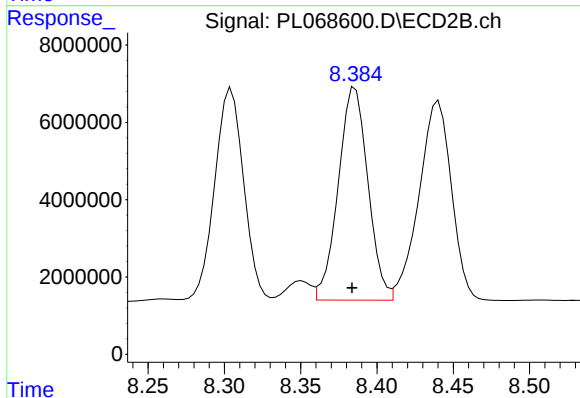
#11 alpha-Chlordane

R.T.: 7.432 min
Delta R.T.: -0.006 min
Response: 32524785
Conc: 56.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

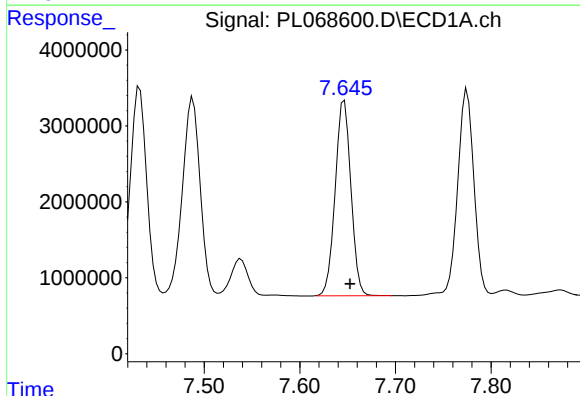
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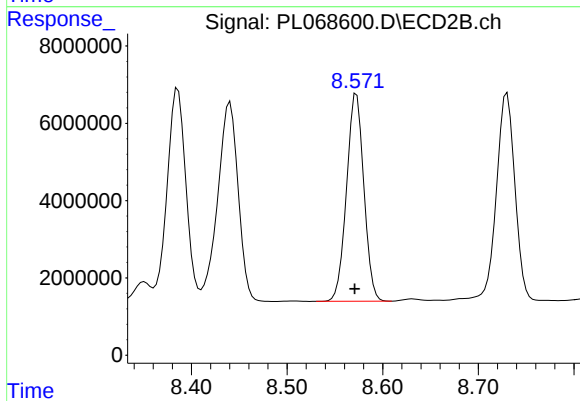
#11 alpha-Chlordane

R.T.: 8.386 min
Delta R.T.: 0.002 min
Response: 74677596
Conc: 66.40 ng/ml



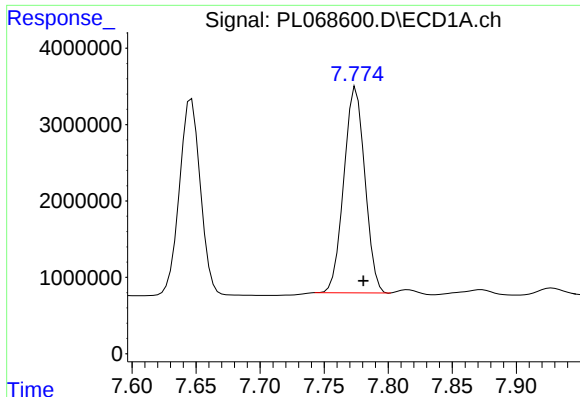
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.006 min
Response: 29373712
Conc: 58.29 ng/ml



#12 4,4'-DDE

R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 67833599
Conc: 65.82 ng/ml



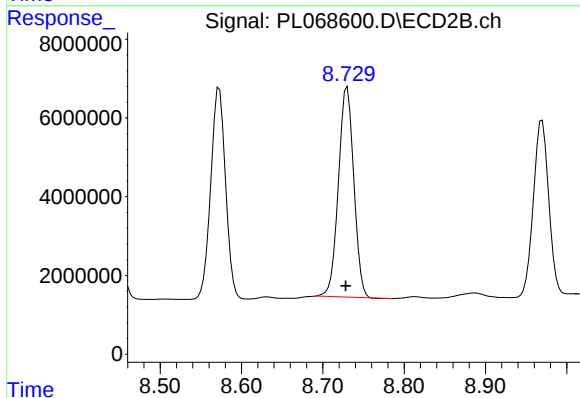
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: -0.006 min
Response: 30772989
Conc: 57.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

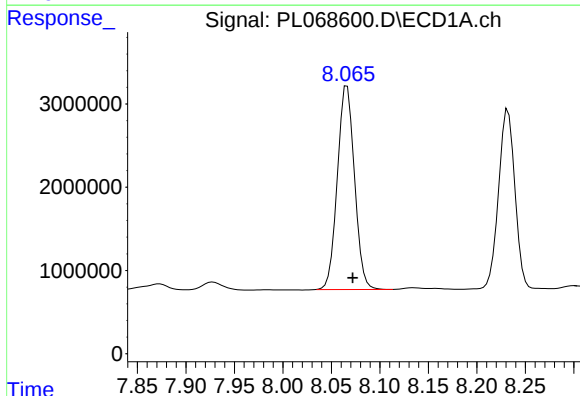
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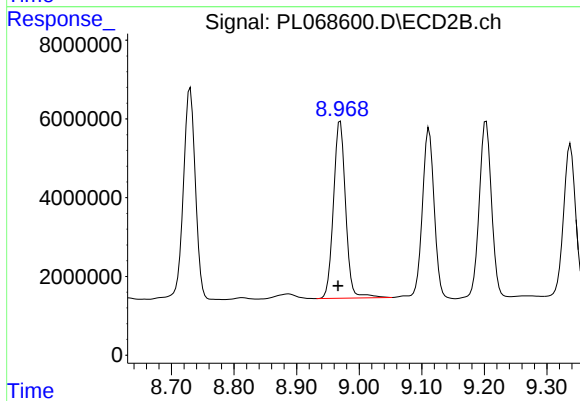
#13 Dieldrin

R.T.: 8.730 min
Delta R.T.: 0.002 min
Response: 70059524
Conc: 66.05 ng/ml



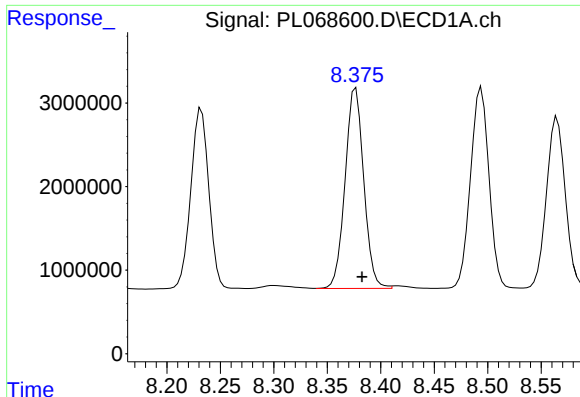
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.006 min
Response: 30043424
Conc: 60.08 ng/ml



#14 Endrin

R.T.: 8.970 min
Delta R.T.: 0.003 min
Response: 60967887
Conc: 68.18 ng/ml



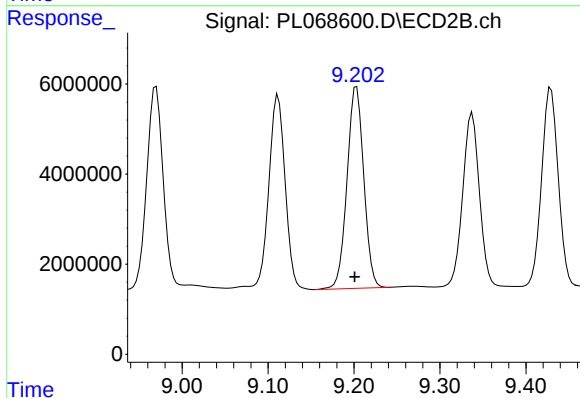
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.006 min
Response: 29159958
Conc: 59.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

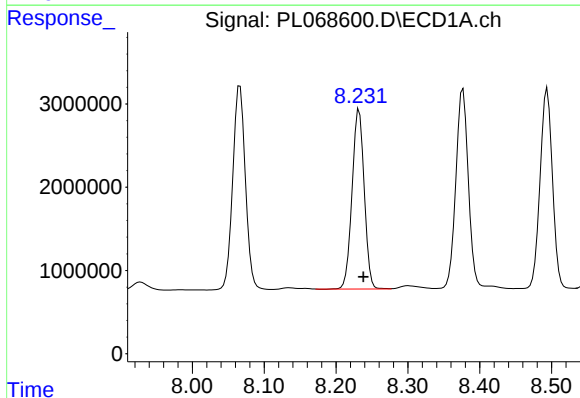
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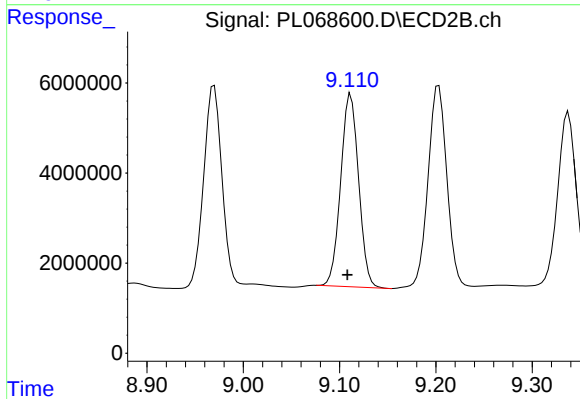
#15 Endosulfan II

R.T.: 9.203 min
Delta R.T.: 0.002 min
Response: 60770506
Conc: 67.05 ng/ml



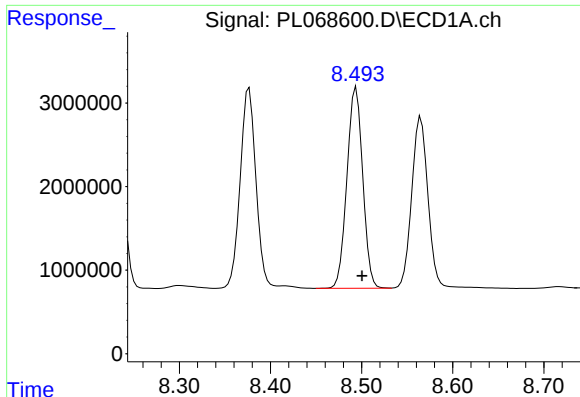
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.006 min
Response: 25316455
Conc: 56.68 ng/ml



#16 4,4'-DDD

R.T.: 9.112 min
Delta R.T.: 0.004 min
Response: 55265044
Conc: 64.90 ng/ml



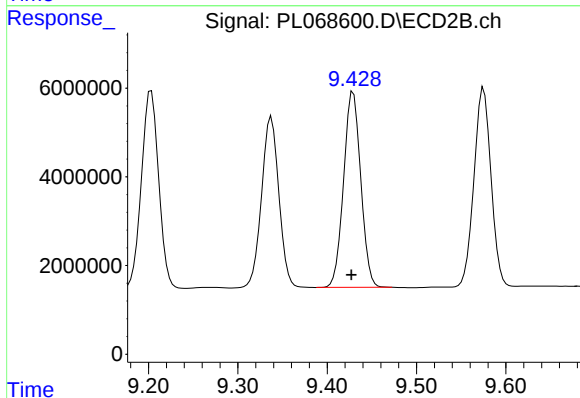
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.007 min
Response: 28927085
Conc: 57.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

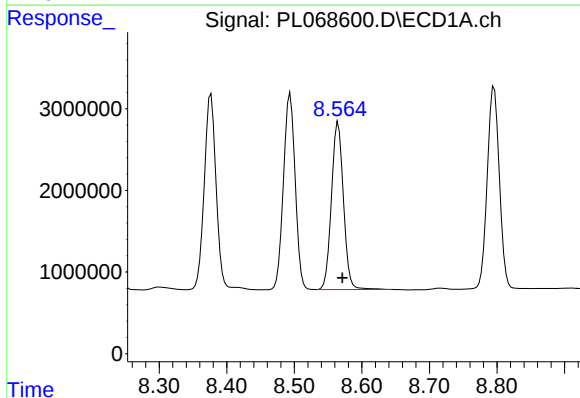
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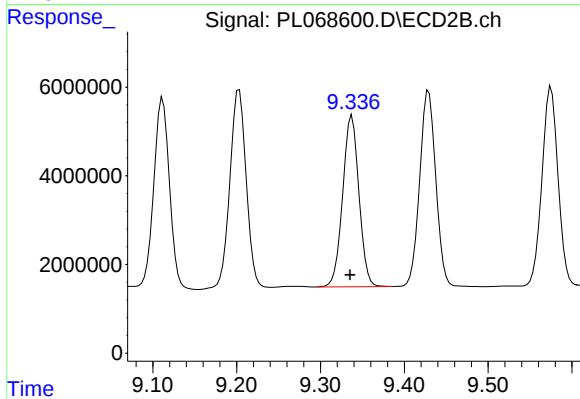
#17 4,4'-DDT

R.T.: 9.429 min
Delta R.T.: 0.002 min
Response: 58938213
Conc: 62.44 ng/ml



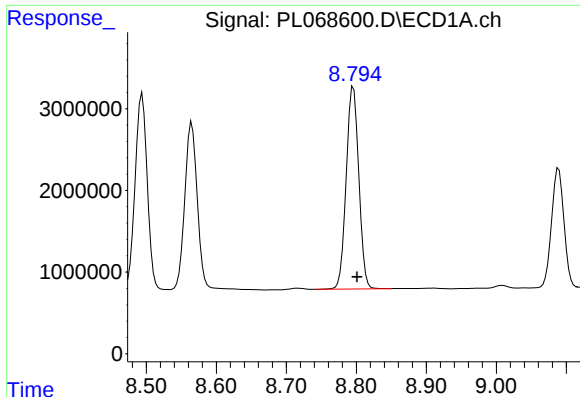
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: -0.006 min
Response: 25437822
Conc: 64.22 ng/ml



#18 Endrin aldehyde

R.T.: 9.338 min
Delta R.T.: 0.002 min
Response: 52108110
Conc: 72.30 ng/ml



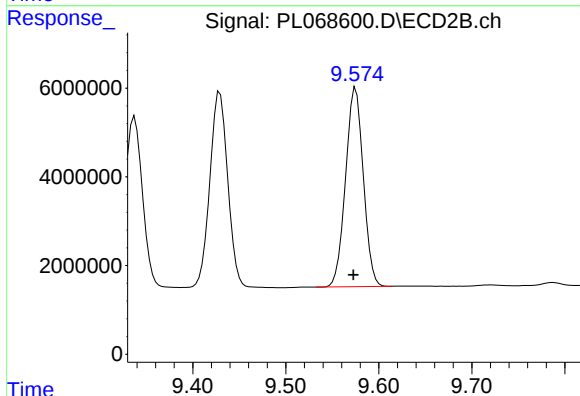
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 31052566
Conc: 59.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

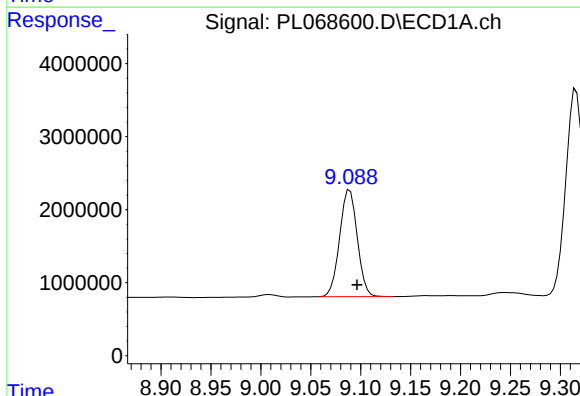
Manual Integrations
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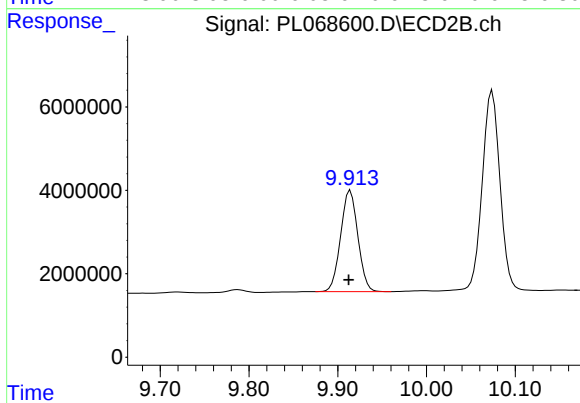
#19 Endosulfan Sulfate

R.T.: 9.575 min
Delta R.T.: 0.003 min
Response: 59494875
Conc: 66.07 ng/ml



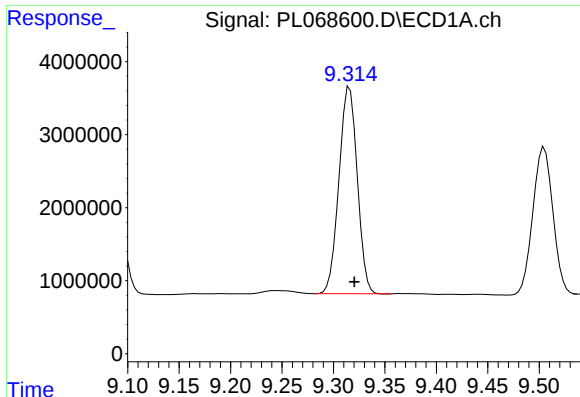
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.007 min
Response: 18000931
Conc: 57.55 ng/ml



#20 Methoxychlor

R.T.: 9.914 min
Delta R.T.: 0.002 min
Response: 32760711
Conc: 64.48 ng/ml



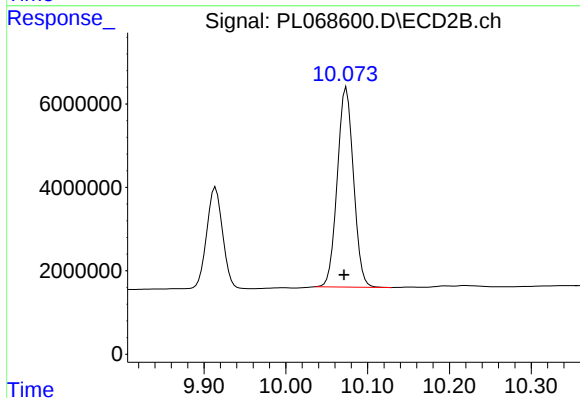
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.005 min
Response: 35085258
Conc: 59.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

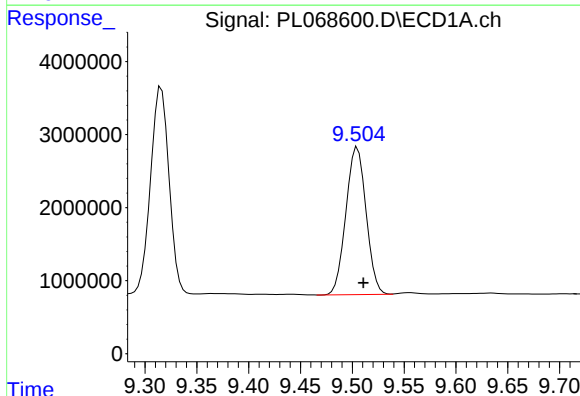
Manual Integrations
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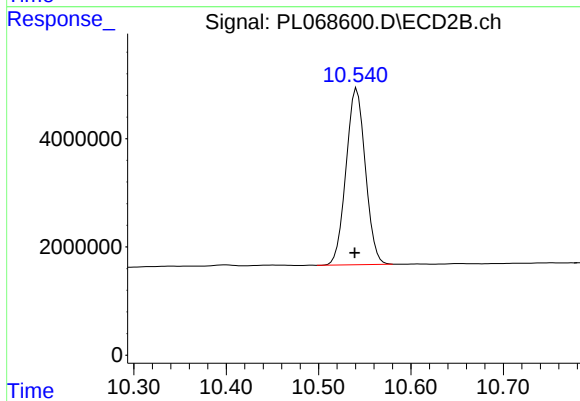
#21 Endrin ketone

R.T.: 10.074 min
Delta R.T.: 0.003 min
Response: 65714472
Conc: 65.89 ng/ml



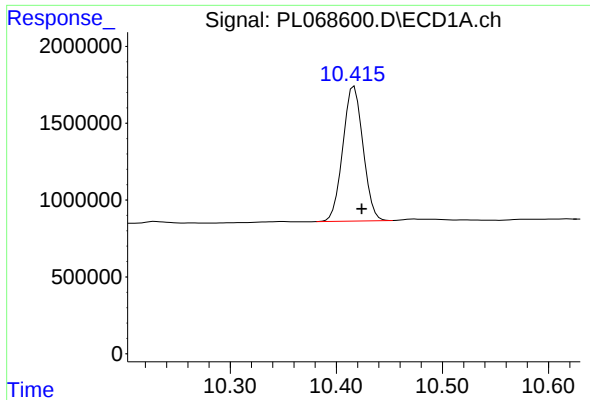
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.006 min
Response: 27391230
Conc: 55.47 ng/ml



#22 Mirex

R.T.: 10.541 min
Delta R.T.: 0.002 min
Response: 47248524
Conc: 61.07 ng/ml



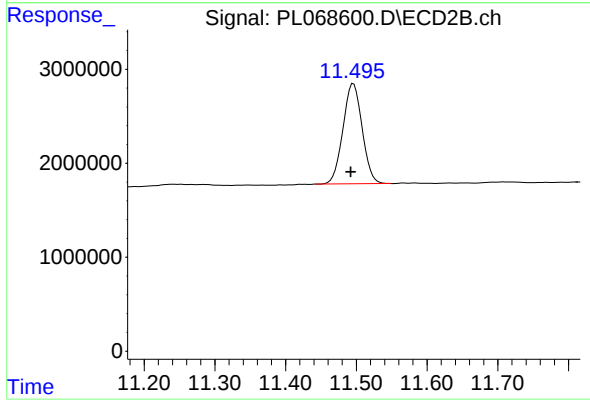
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.007 min
Response: 11561528
Conc: 20.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MSD

Manual Integrations
APPROVED

mohammad
8/2/2021 12:34:40 PM



#28 Decachlorobiphenyl

R.T.: 11.496 min
Delta R.T.: 0.004 min
Response: 20131748
Conc: 22.57 ng/ml