

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071818\
 Data File : PL038243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2018 00:27
 Operator : AJ\SJ
 Sample : J4028-02MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 KY030LC068-W-180716MS

Manual Integrations
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 7/19/2018 2:04:41 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 03:56:08 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL071318.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 14 00:12:12 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.329	3.930	157.9E6	67166625	21.207	25.588
28)	SA Decachlor...	8.000	8.939	125.9E6	45273200	16.598	18.521
Target Compounds							
2)	A alpha-BHC	3.758	4.310	633.2E6	245.4E6	53.589	63.402
3)	MA gamma-BHC...	4.035	4.589	572.9E6	217.5E6	54.647	60.225
4)	MA Heptachlor	4.319	5.100	538.0E6	196.9E6	50.577	61.609
5)	MB Aldrin	4.557	5.402	525.8E6	179.4E6	50.235	58.127
6)	B beta-BHC	4.289	4.751	249.5E6	97650253	52.858	64.375
7)	B delta-BHC	4.483	4.966	541.4E6	189.7E6	49.879	57.211
8)	B Heptachlo...	4.995	5.782	520.7E6	176.3E6	55.231	62.053
9)	A Endosulfan I	5.326	6.135	474.5E6	152.5E6	54.855	59.302
10)	B gamma-Chl...	5.217	6.014	533.2E6	169.9E6	53.943	58.600
11)	B alpha-Chl...	5.274	6.088	521.0E6	169.0E6	55.037	58.966
12)	B 4,4'-DDE	5.443	6.244	501.0E6	151.7E6	52.257	56.721
13)	MA Dieldrin	5.564	6.389	526.1E6	161.0E6	54.742m	59.140
14)	MA Endrin	5.819	6.602	471.1E6	139.2E6	54.220	58.291
15)	B Endosulfa...	6.094	6.806	439.2E6	136.4E6	55.387	56.796
16)	A 4,4'-DDD	5.954	6.725	410.3E6	119.1E6	55.934	55.651
17)	MA 4,4'-DDT	6.188	7.025	366.3E6	109.8E6	49.308	51.521
18)	B Endrin al...	6.262	6.929	331.3E6	112.5E6	52.035	57.656
19)	B Endosulfa...	6.473	7.151	396.7E6	125.7E6	52.513	57.678
20)	A Methoxychlor	6.737	7.480	193.4E6	63464907	50.268	55.736
21)	B Endrin ke...	6.956	7.615	430.0E6	137.0E6	54.804	57.472

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071818\
Data File : PL038243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2018 00:27
Operator : AJ\SJ
Sample : J4028-02MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

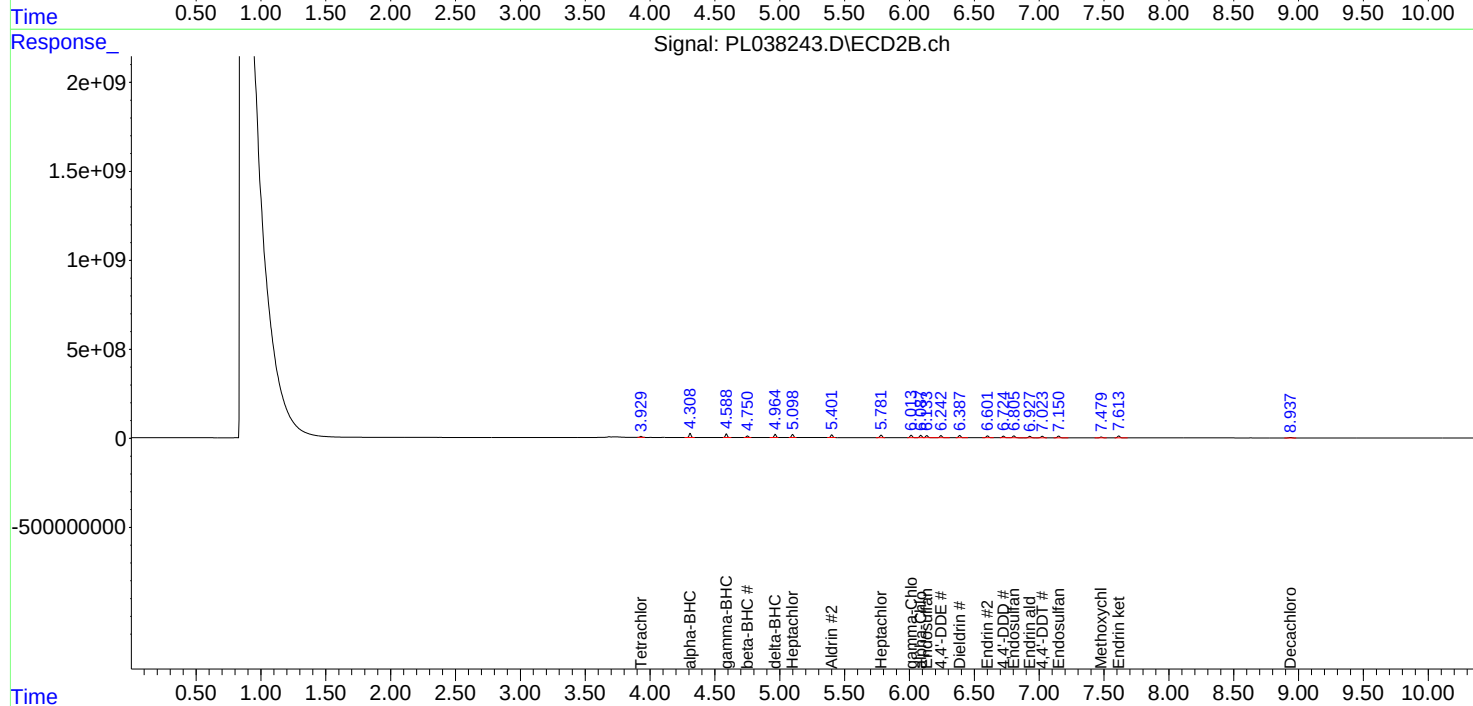
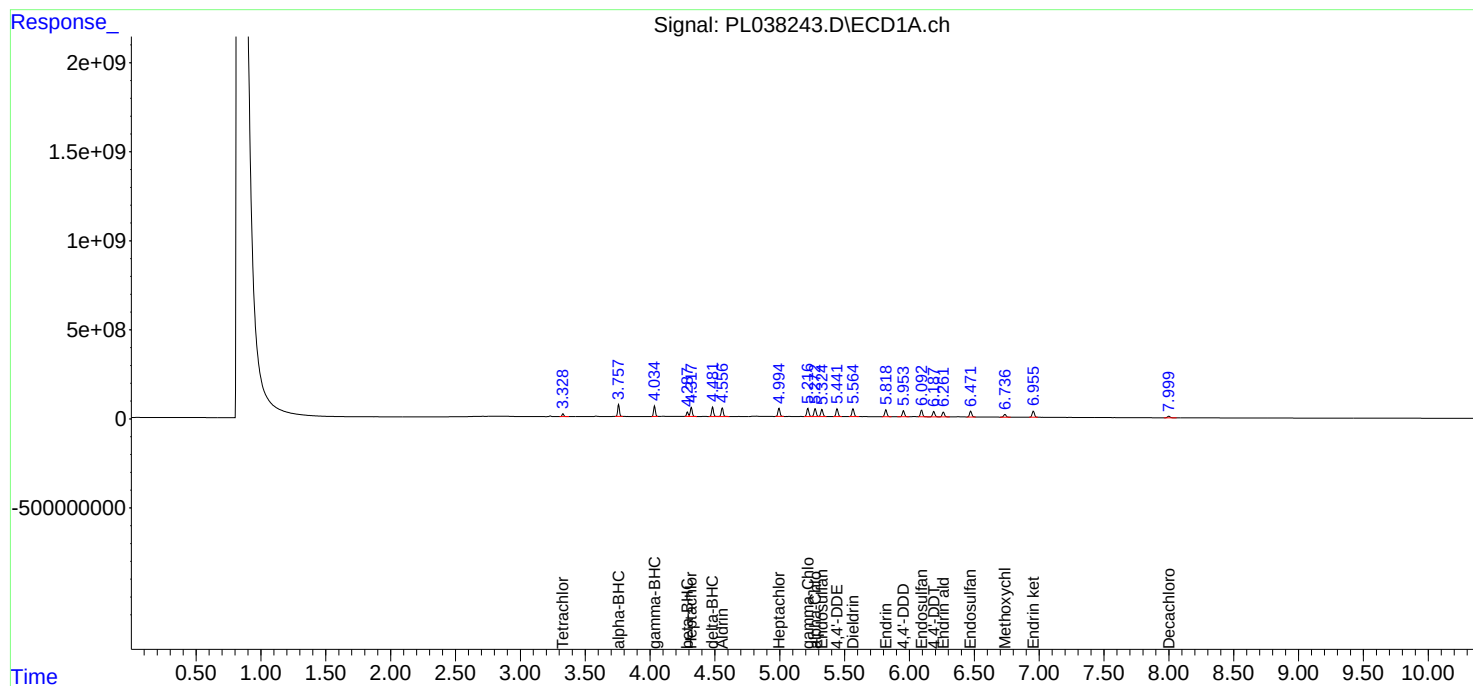
Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

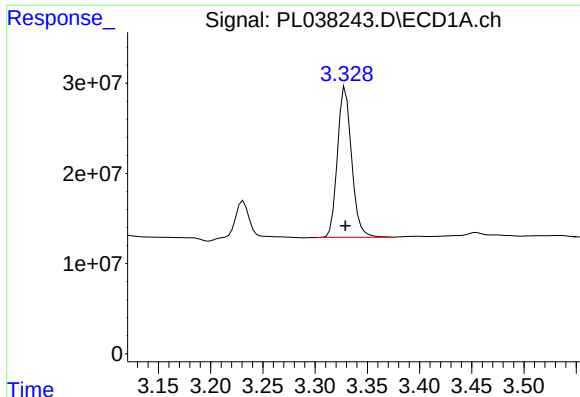
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 03:56:08 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL071318.M
Quant Title : GC Extractables
QLast Update : Sat Jul 14 00:12:12 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





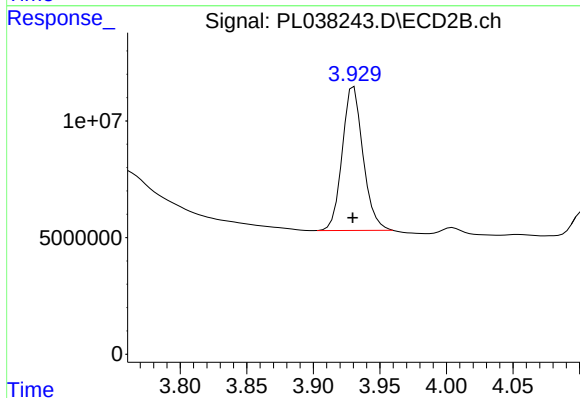
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 157917824
Conc: 21.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

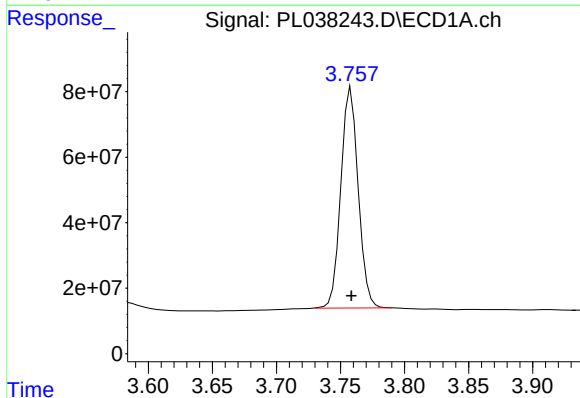
Manual Integrations
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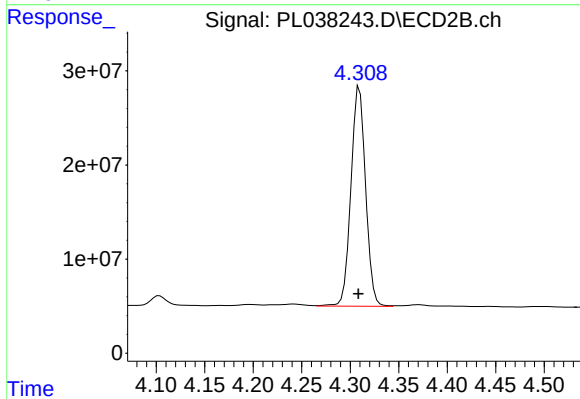
#1 Tetrachloro-m-xylene

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 67166625
Conc: 25.59 ng/ml



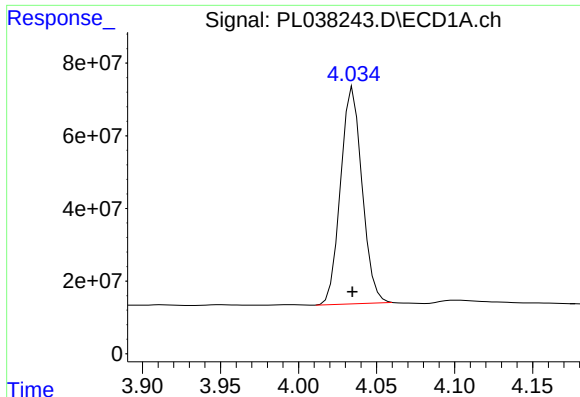
#2 alpha-BHC

R.T.: 3.758 min
Delta R.T.: 0.000 min
Response: 633177139
Conc: 53.59 ng/ml



#2 alpha-BHC

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 245376239
Conc: 63.40 ng/ml



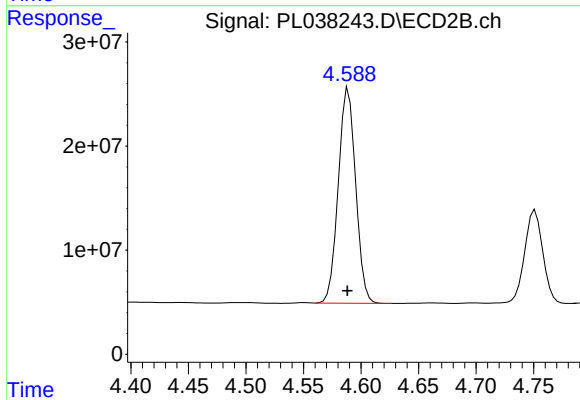
#3 gamma-BHC (Lindane)

R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 572913179
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

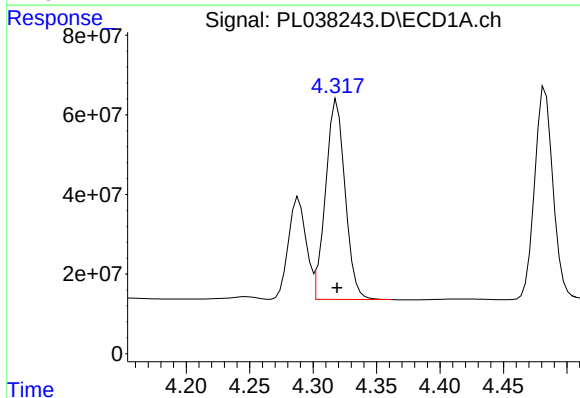
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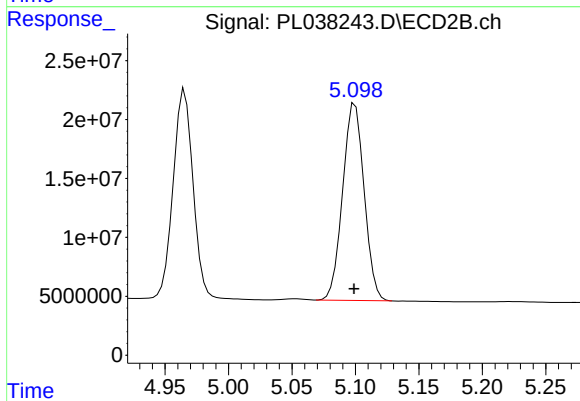
#3 gamma-BHC (Lindane)

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 217521165
Conc: 60.23 ng/ml



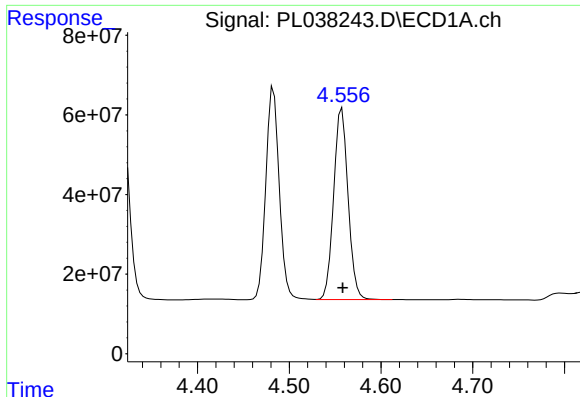
#4 Heptachlor

R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 538009335
Conc: 50.58 ng/ml



#4 Heptachlor

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 196917686
Conc: 61.61 ng/ml



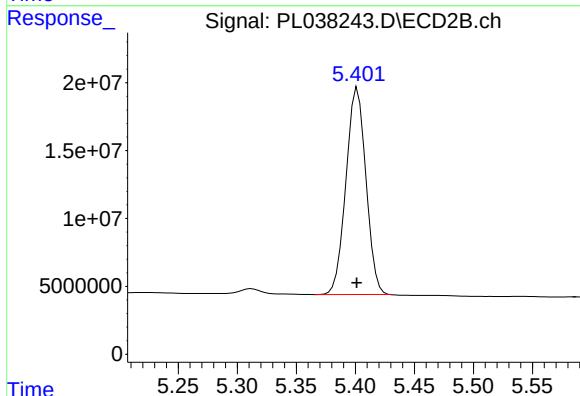
#5 Aldrin

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 525826256
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

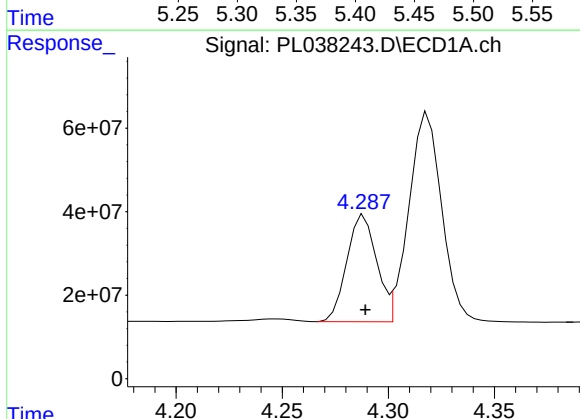
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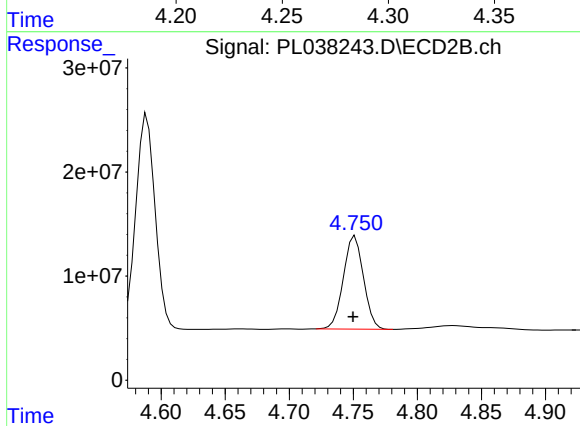
#5 Aldrin

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 179391983
Conc: 58.13 ng/ml



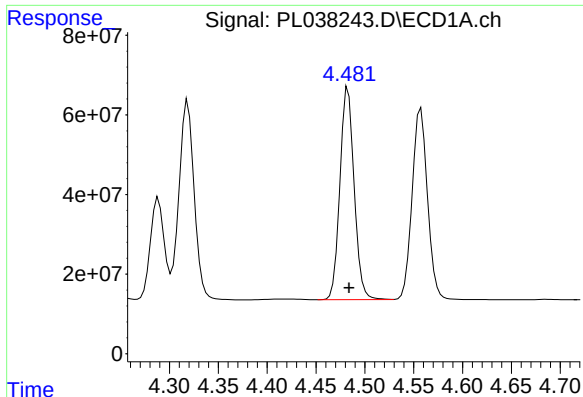
#6 beta-BHC

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 249509298
Conc: 52.86 ng/ml



#6 beta-BHC

R.T.: 4.751 min
Delta R.T.: 0.001 min
Response: 97650253
Conc: 64.38 ng/ml



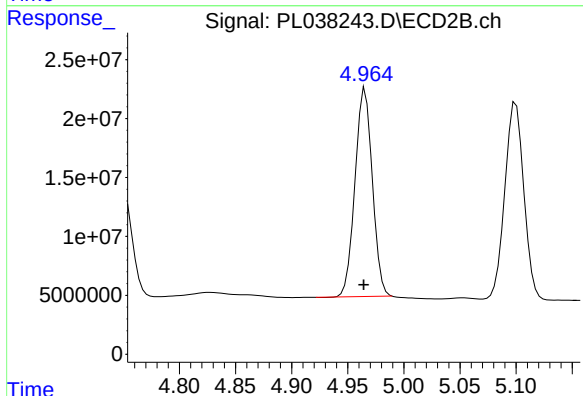
#7 delta-BHC

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 541399137
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

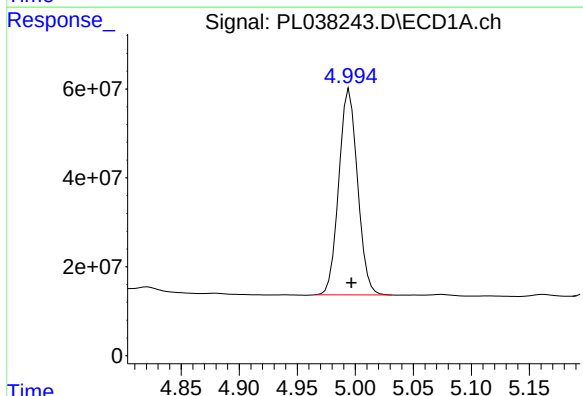
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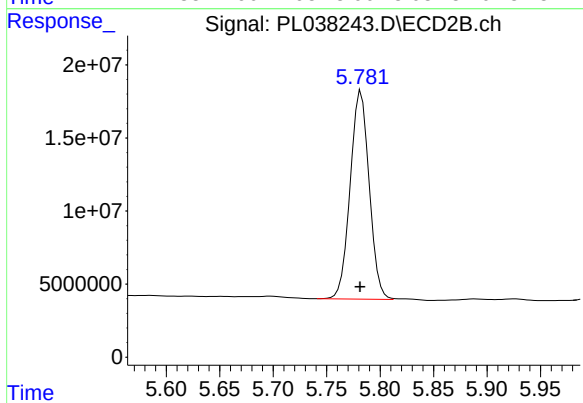
#7 delta-BHC

R.T.: 4.966 min
Delta R.T.: 0.001 min
Response: 189747023
Conc: 57.21 ng/ml



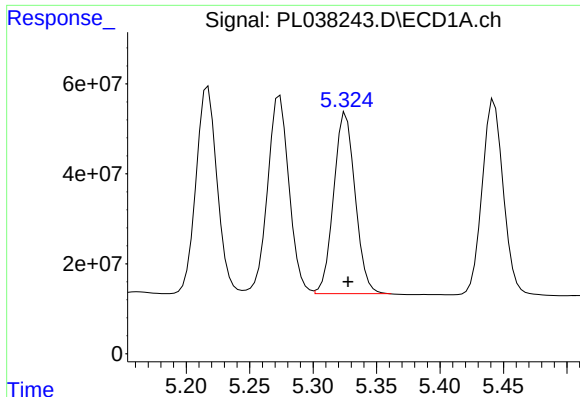
#8 Heptachlor epoxide

R.T.: 4.995 min
Delta R.T.: -0.002 min
Response: 520744843
Conc: 55.23 ng/ml



#8 Heptachlor epoxide

R.T.: 5.782 min
Delta R.T.: 0.001 min
Response: 176349896
Conc: 62.05 ng/ml



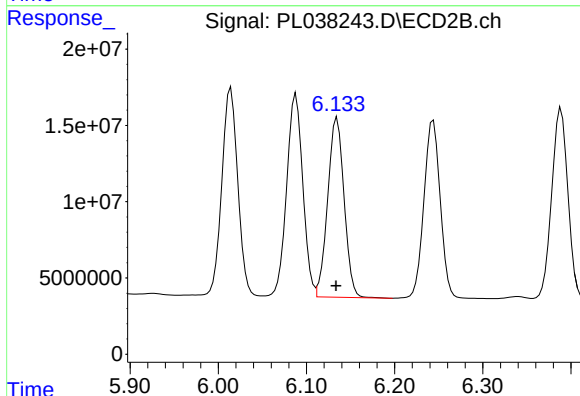
#9 Endosulfan I

R.T.: 5.326 min
Delta R.T.: -0.002 min
Response: 474475118
Conc: 54.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

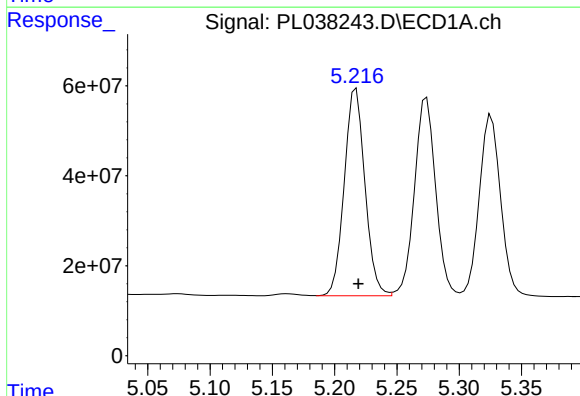
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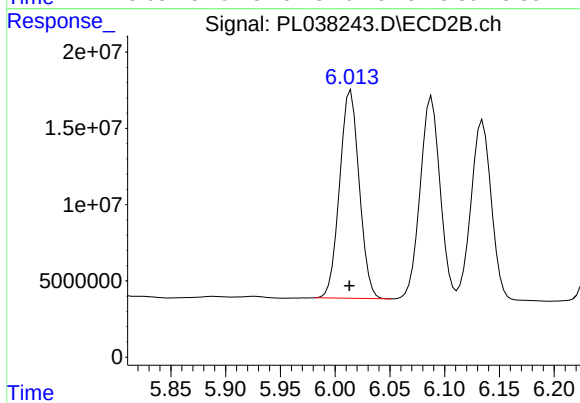
#9 Endosulfan I

R.T.: 6.135 min
Delta R.T.: 0.001 min
Response: 152512915
Conc: 59.30 ng/ml



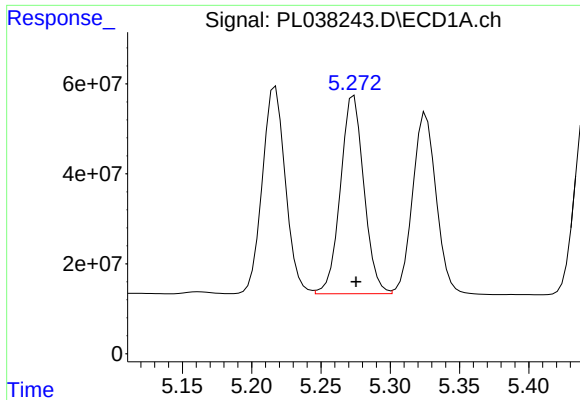
#10 gamma-Chlordane

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 533175760
Conc: 53.94 ng/ml



#10 gamma-Chlordane

R.T.: 6.014 min
Delta R.T.: 0.001 min
Response: 169893355
Conc: 58.60 ng/ml



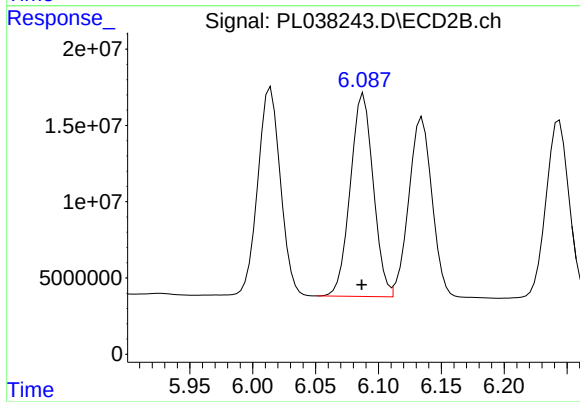
#11 alpha-Chlordane

R.T.: 5.274 min
Delta R.T.: -0.001 min
Response: 520969948
Conc: 55.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

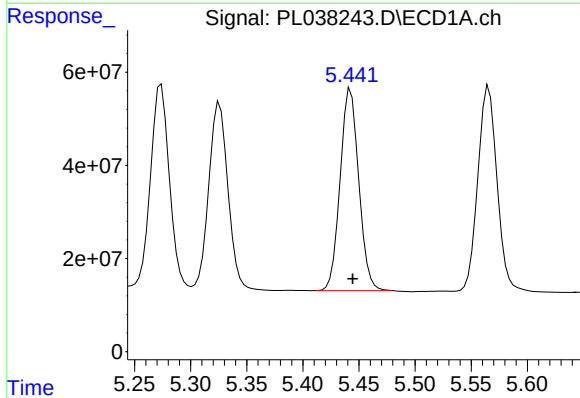
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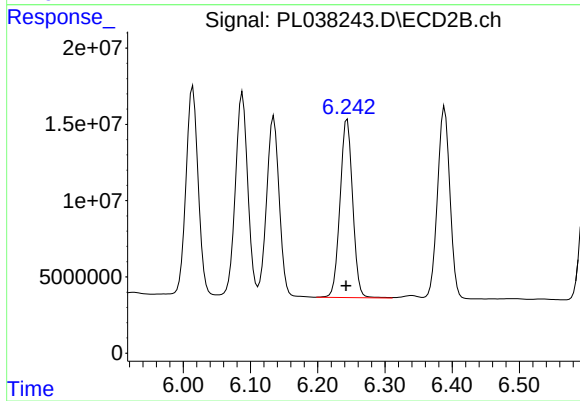
#11 alpha-Chlordane

R.T.: 6.088 min
Delta R.T.: 0.001 min
Response: 169009802
Conc: 58.97 ng/ml



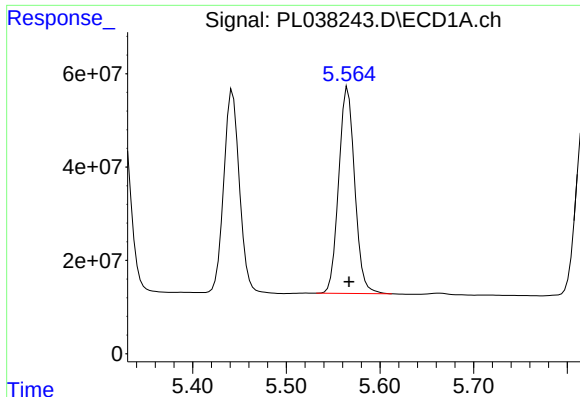
#12 4,4'-DDE

R.T.: 5.443 min
Delta R.T.: -0.002 min
Response: 501028157
Conc: 52.26 ng/ml



#12 4,4'-DDE

R.T.: 6.244 min
Delta R.T.: 0.001 min
Response: 151676103
Conc: 56.72 ng/ml



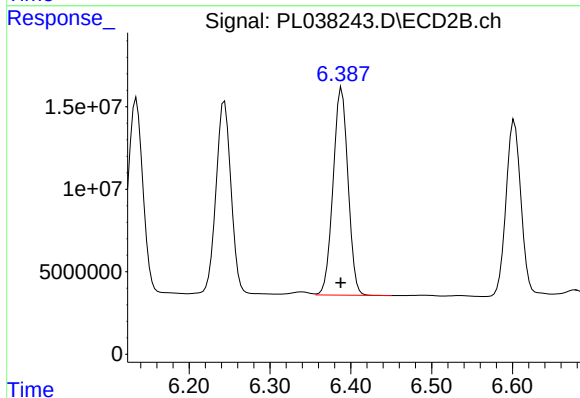
#13 Dieldrin

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 526078690
Conc: 54.74 ng/ml m

Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

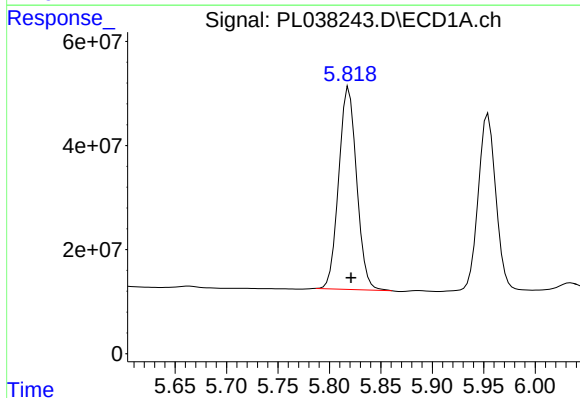
Manual Integrations
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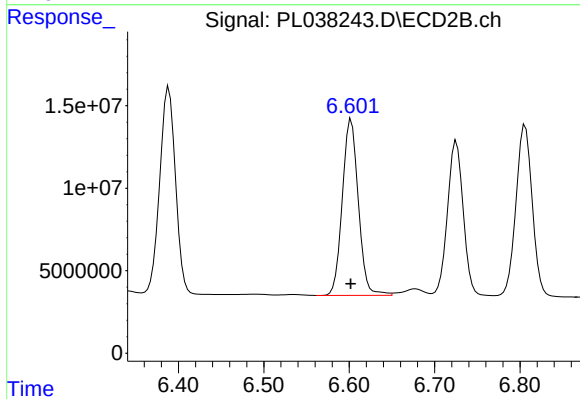
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: 0.001 min
Response: 160966779
Conc: 59.14 ng/ml



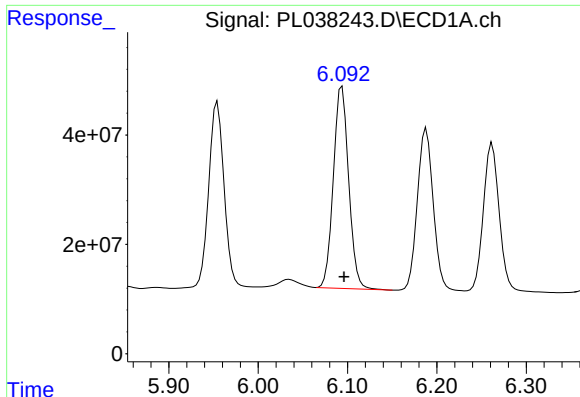
#14 Endrin

R.T.: 5.819 min
Delta R.T.: -0.002 min
Response: 471085374
Conc: 54.22 ng/ml



#14 Endrin

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 139207491
Conc: 58.29 ng/ml



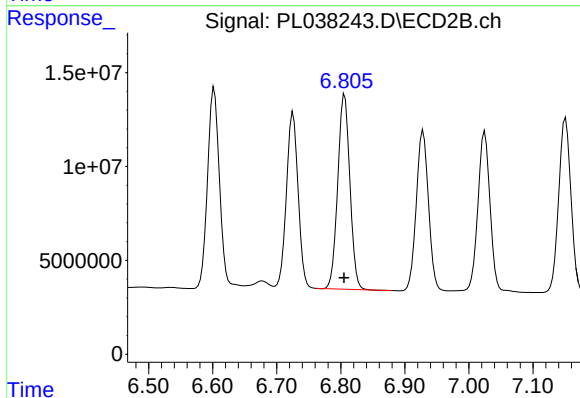
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 439221233
Conc: 55.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

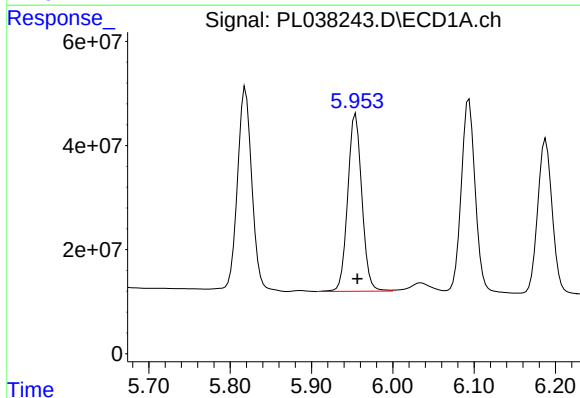
Manual Integrations
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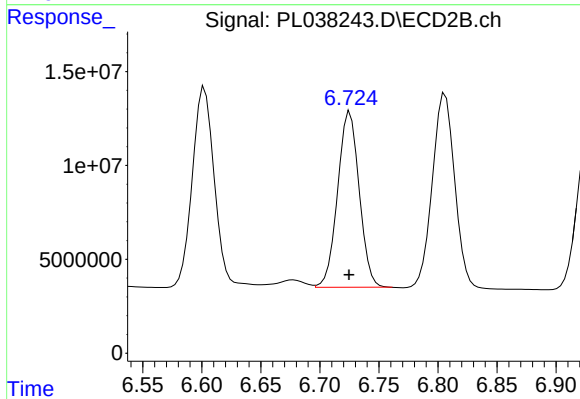
#15 Endosulfan II

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 136391349
Conc: 56.80 ng/ml



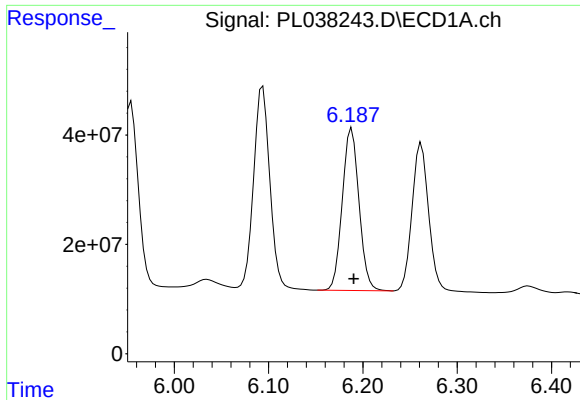
#16 4,4'-DDD

R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 410311586
Conc: 55.93 ng/ml



#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 119117696
Conc: 55.65 ng/ml



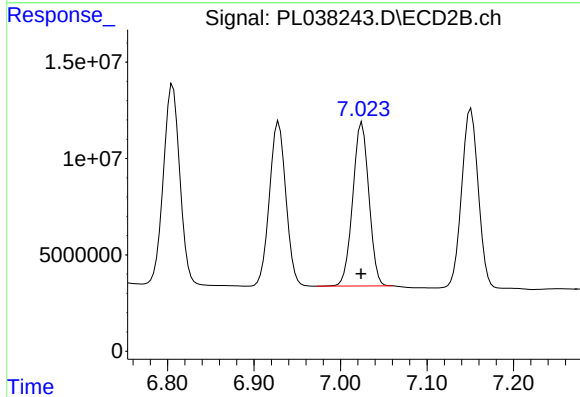
#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 366291565
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

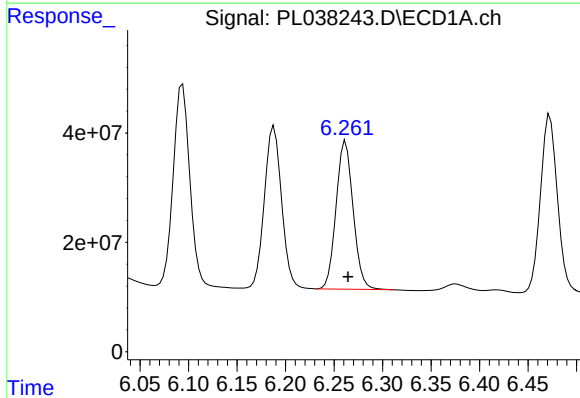
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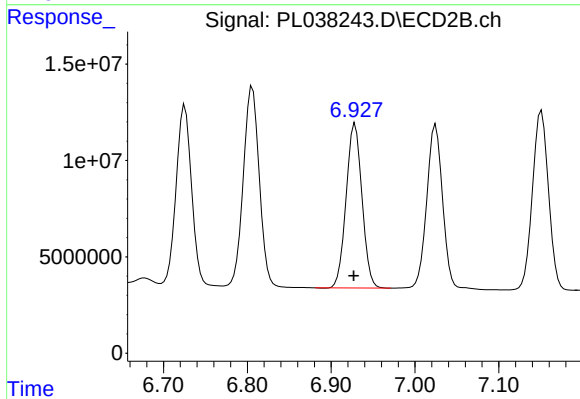
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.001 min
Response: 109845271
Conc: 51.52 ng/ml



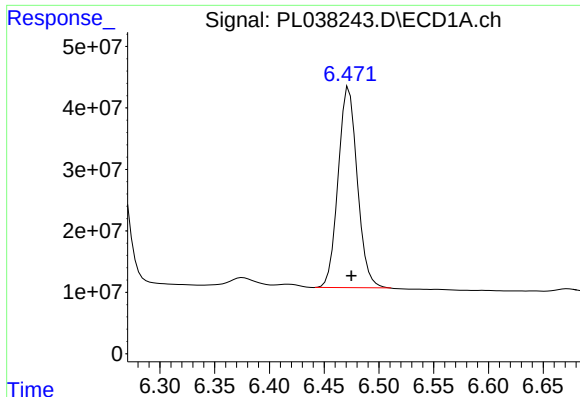
#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 331335794
Conc: 52.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.001 min
Response: 112509393
Conc: 57.66 ng/ml



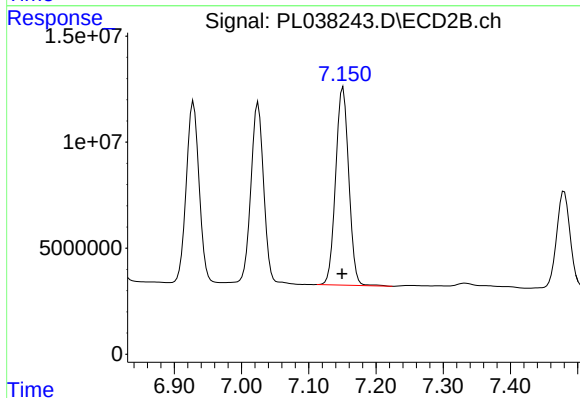
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 396650154
Conc: 52.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

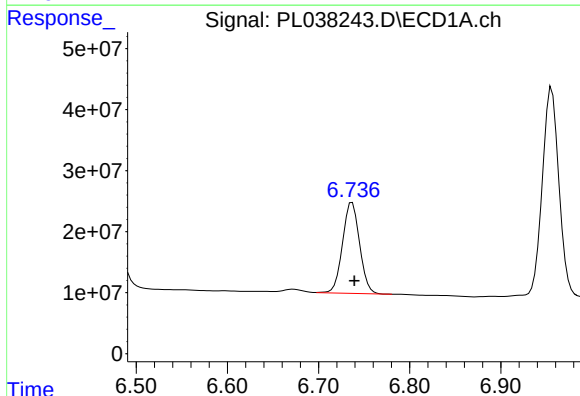
Manual Integrations
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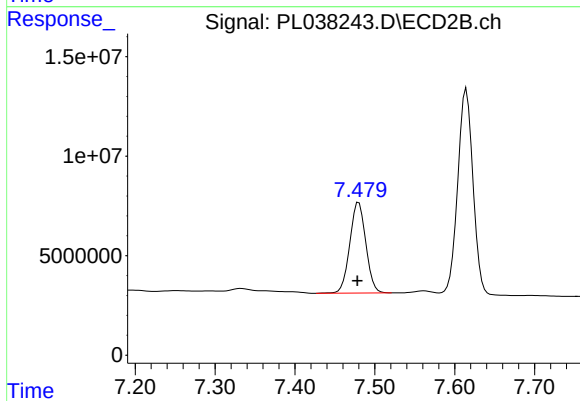
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.002 min
Response: 125724723
Conc: 57.68 ng/ml



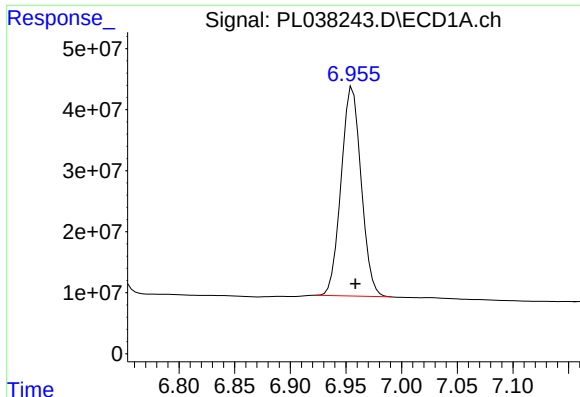
#20 Methoxychlor

R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 193405790
Conc: 50.27 ng/ml



#20 Methoxychlor

R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 63464907
Conc: 55.74 ng/ml



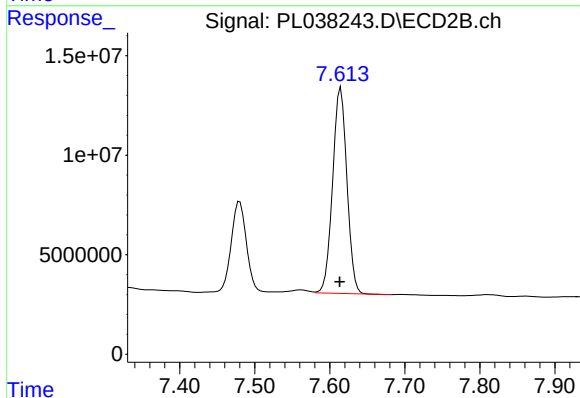
#21 Endrin ketone

R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 429987868
Conc: 54.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
KY030LC068-W-180716MS

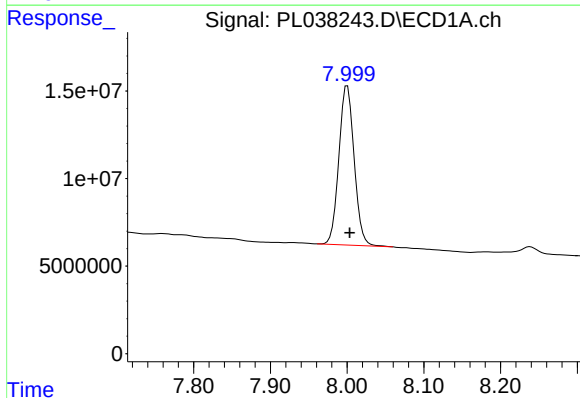
Manual Integrations
APPROVED

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7/19/2018 2:04:41 PM



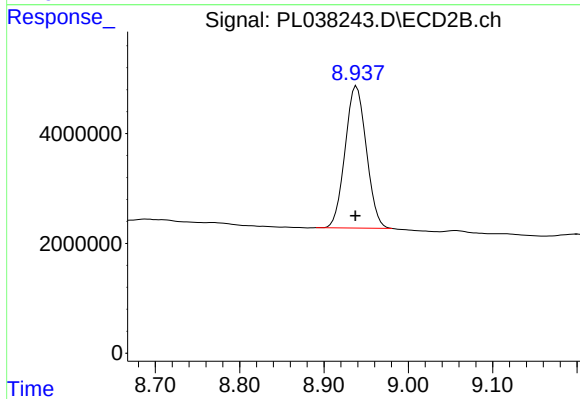
#21 Endrin ketone

R.T.: 7.615 min
Delta R.T.: 0.001 min
Response: 136985329
Conc: 57.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.000 min
Delta R.T.: -0.003 min
Response: 125911718
Conc: 16.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.939 min
Delta R.T.: 0.001 min
Response: 45273200
Conc: 18.52 ng/ml