

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060320\
 Data File : PL059115.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2020 17:31
 Operator : AJ\MA
 Sample : L2831-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-20200529MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 08:27:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060320.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 04 08:16:22 2020
 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...	3.521	4.071	34083074	51180417	19.737	19.670m
28)	SA Decachlor...	8.297	9.184	19631679	29424555	11.939	12.413
Target Compounds							
2)	A alpha-BHC	3.963	4.465	125.0E6	191.2E6	49.923	49.753m
3)	MA gamma-BHC...	4.248	4.752	114.7E6	179.4E6	52.282	49.160m
4)	MA Heptachlor	4.554	5.268	111.8E6	175.0E6	53.736	50.749
5)	MB Aldrin	4.805	5.576	94747857	160.1E6	53.198	50.869
6)	B beta-BHC	4.497	4.921	47584893	74084885	50.079	48.991
7)	B delta-BHC	4.704	5.141	66297060	94023619	33.313	33.518
8)	B Heptachlo...	5.249	5.963	91417397	149.1E6	53.518	53.819
9)	A Endosulfan I	5.589	6.322	82797813	145.3E6	52.932	51.939
10)	B gamma-Chl...	5.477	6.198	89439769	156.4E6	53.414	52.275
11)	B alpha-Chl...	5.535	6.272	89846733	157.9E6	53.857	51.959
12)	B 4,4'-DDE	5.699	6.426	80256863	144.9E6	52.776	52.048
13)	MA Dieldrin	5.834	6.581	84199790	151.7E6	51.662	51.952
14)	MA Endrin	6.091	6.800	81199335	132.3E6	53.592	53.119
15)	B Endosulfa...	6.364	7.007	81797874	136.9E6	52.923	52.556
16)	A 4,4'-DDD	6.215	6.917	71040924	123.2E6	53.738	53.078
17)	MA 4,4'-DDT	6.458	7.218	71361808	121.7E6	56.572	53.436
18)	B Endrin al...	6.532	7.131	67600085	114.5E6	51.341	50.091
19)	B Endosulfa...	6.745	7.355	72801726	121.0E6	48.869	48.275
20)	A Methoxychlor	7.004	7.674	43135587	70769080	56.156	53.668
21)	B Endrin ke...	7.237	7.828	91954028	144.1E6	52.957	54.938
22)	Mirex	7.431	8.286	64569541	92893226	46.784	47.089

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060320\
Data File : PL059115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2020 17:31
Operator : AJ\MA
Sample : L2831-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

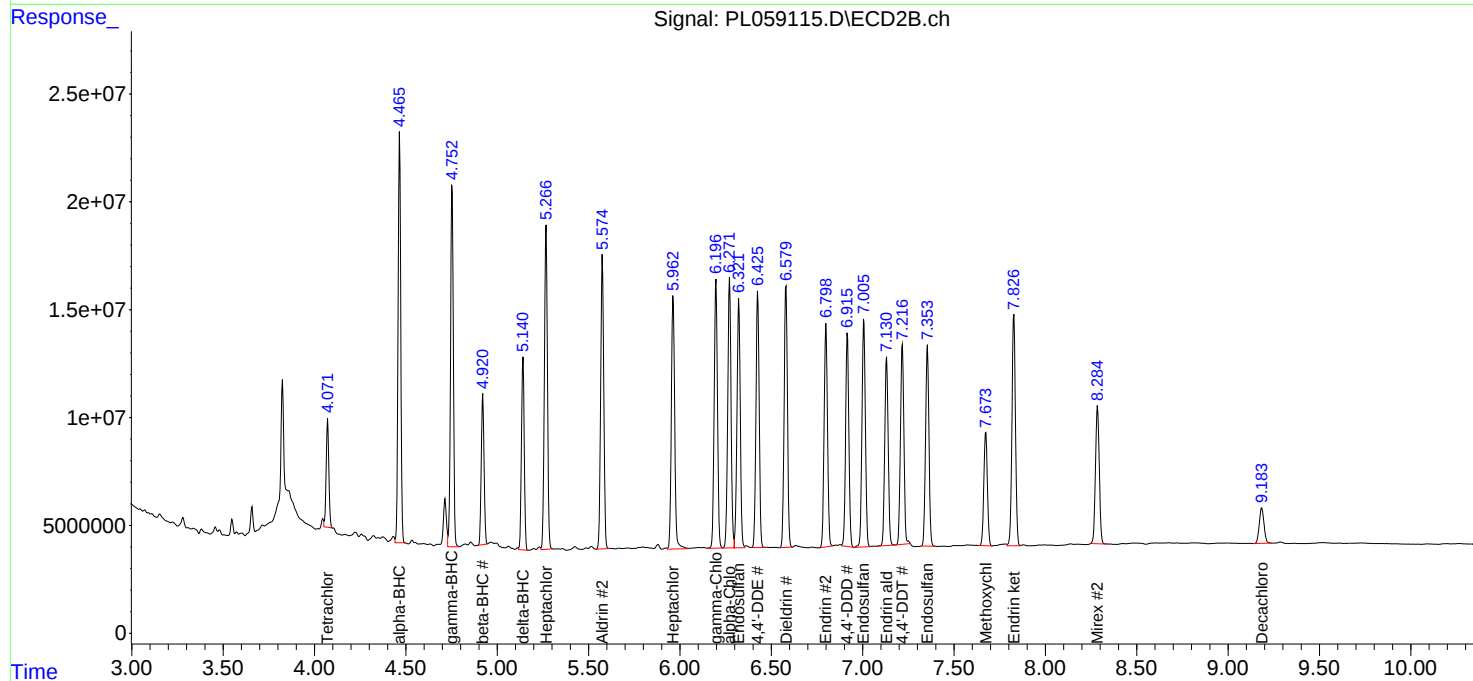
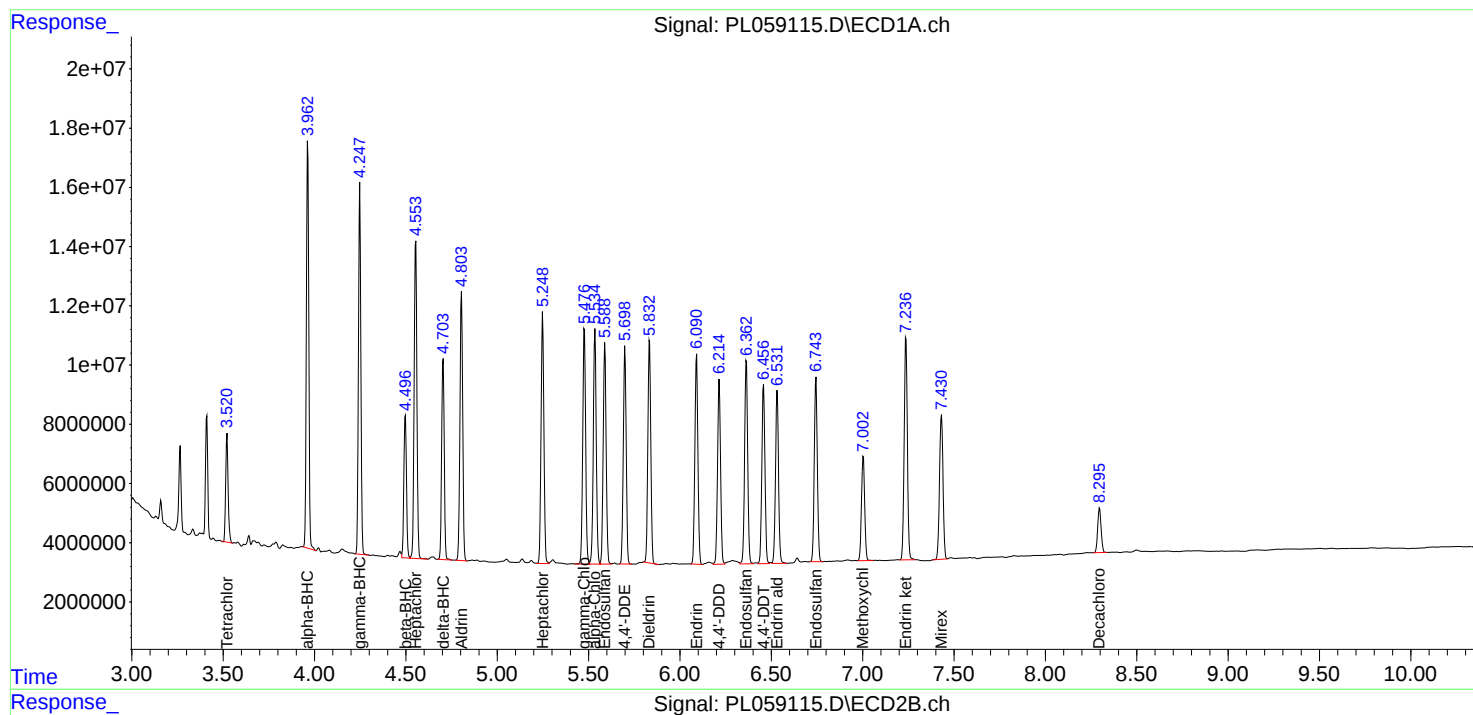
Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

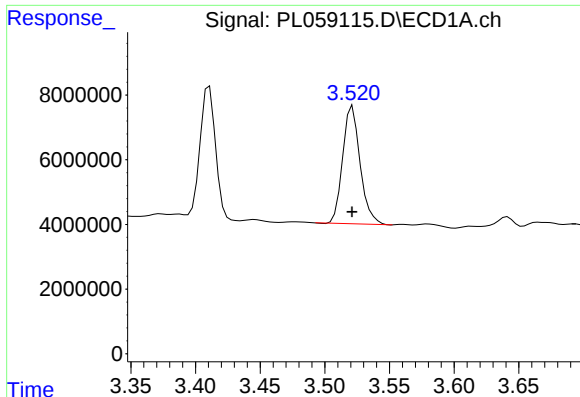
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 08:27:01 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060320.M
Quant Title : GC Extractables
QLast Update : Thu Jun 04 08:16:22 2020
Response 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





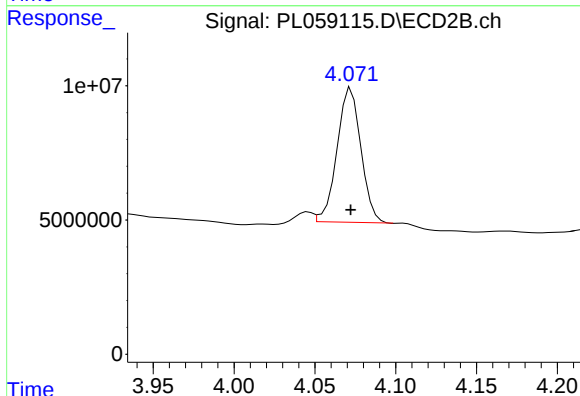
#1 Tetrachloro-m-xylene

R.T.: 3.521 min
Delta R.T.: 0.000 min
Response: 34083074
Conc: 19.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

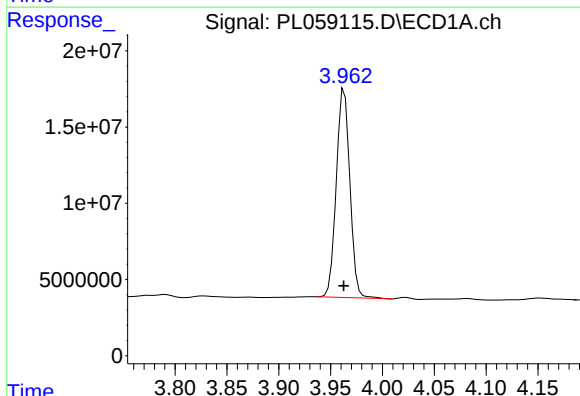
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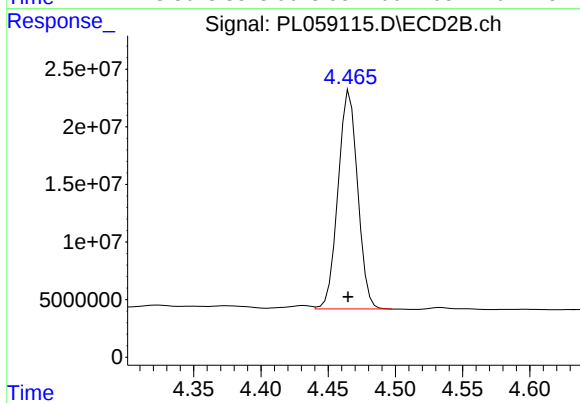
#1 Tetrachloro-m-xylene

R.T.: 4.071 min
Delta R.T.: -0.001 min
Response: 51180417
Conc: 19.67 ng/ml m



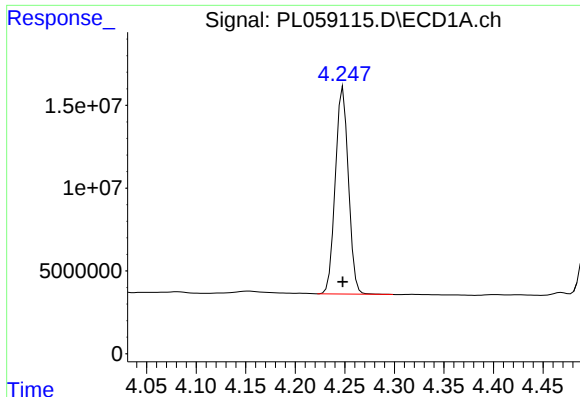
#2 alpha-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 124974294
Conc: 49.92 ng/ml



#2 alpha-BHC

R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 191231785
Conc: 49.75 ng/ml m



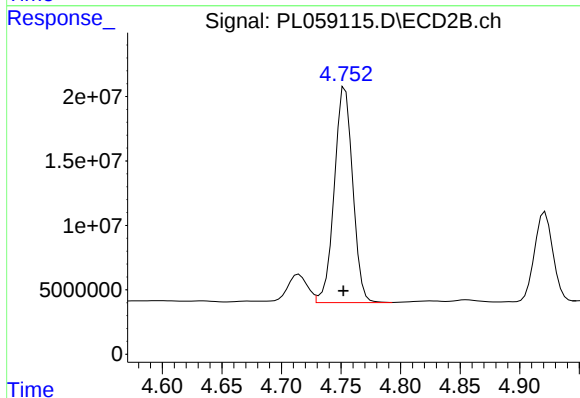
#3 gamma-BHC (Lindane)

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 114658142
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

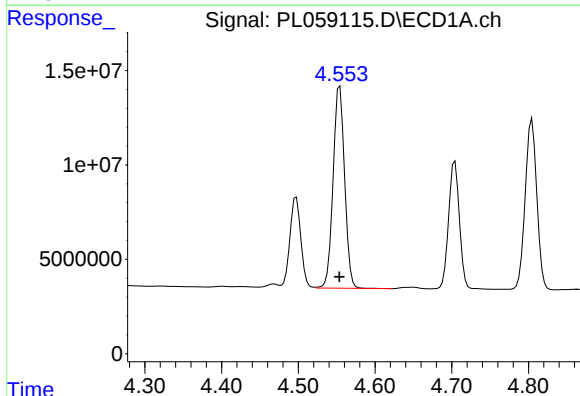
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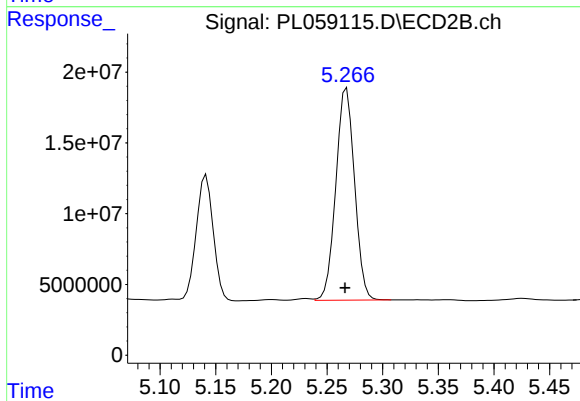
#3 gamma-BHC (Lindane)

R.T.: 4.752 min
Delta R.T.: 0.000 min
Response: 179395596
Conc: 49.16 ng/ml m



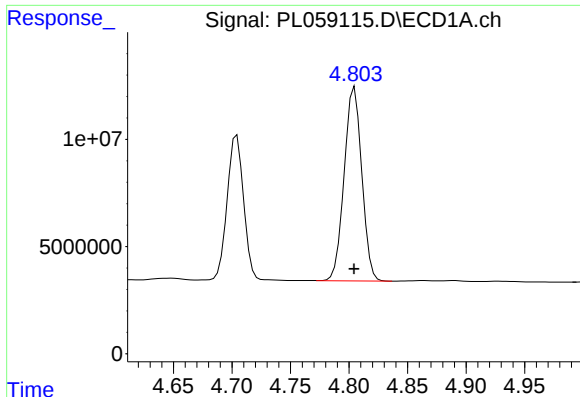
#4 Heptachlor

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 111805625
Conc: 53.74 ng/ml



#4 Heptachlor

R.T.: 5.268 min
Delta R.T.: 0.001 min
Response: 174965343
Conc: 50.75 ng/ml



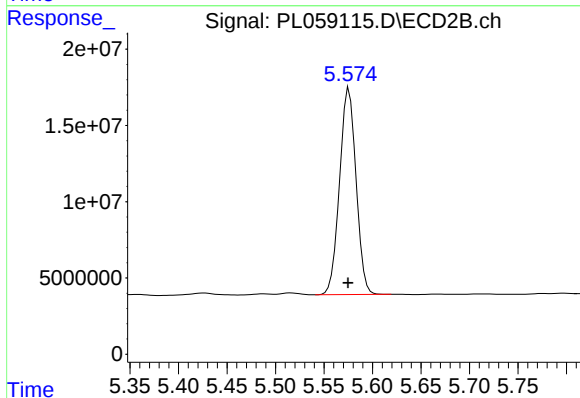
#5 Aldrin

R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 94747857
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

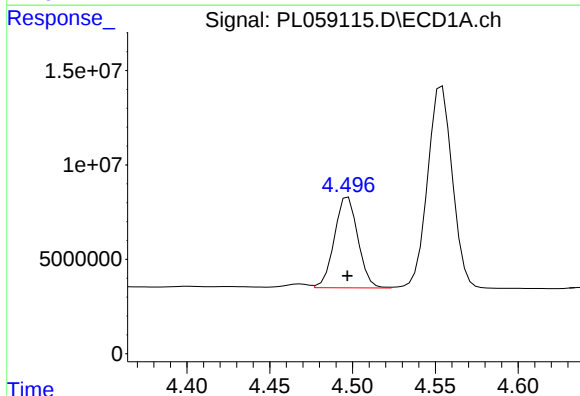
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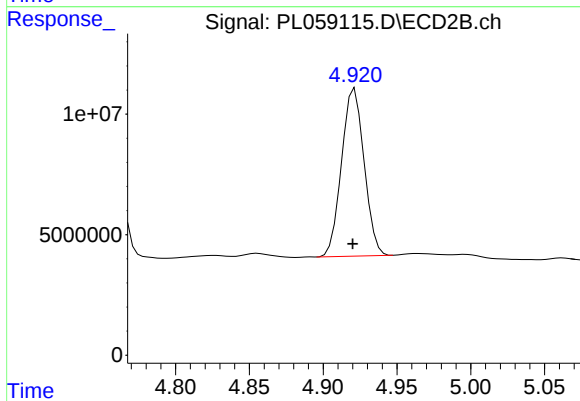
#5 Aldrin

R.T.: 5.576 min
Delta R.T.: 0.001 min
Response: 160092926
Conc: 50.87 ng/ml



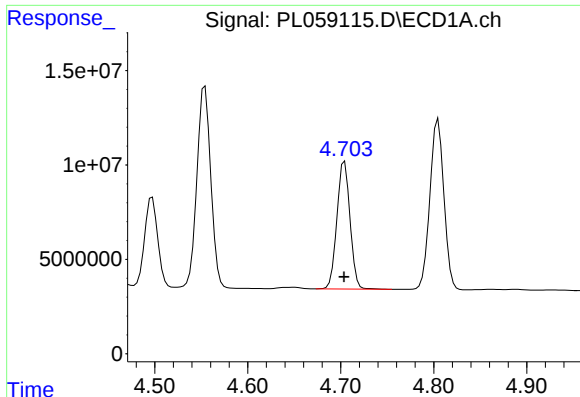
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 47584893
Conc: 50.08 ng/ml



#6 beta-BHC

R.T.: 4.921 min
Delta R.T.: 0.001 min
Response: 74084885
Conc: 48.99 ng/ml



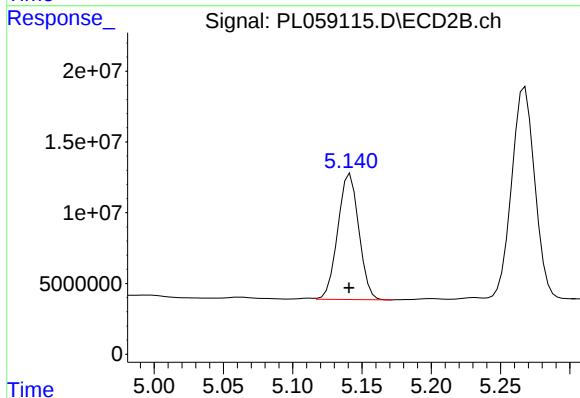
#7 delta-BHC

R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 66297060
Conc: 33.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

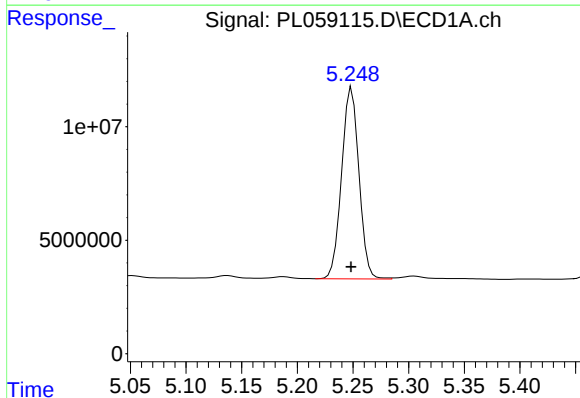
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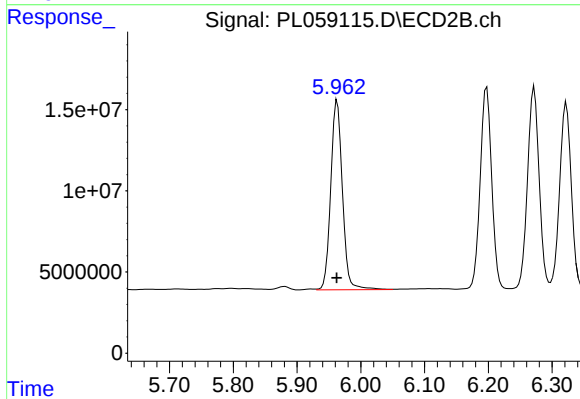
#7 delta-BHC

R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 94023619
Conc: 33.52 ng/ml



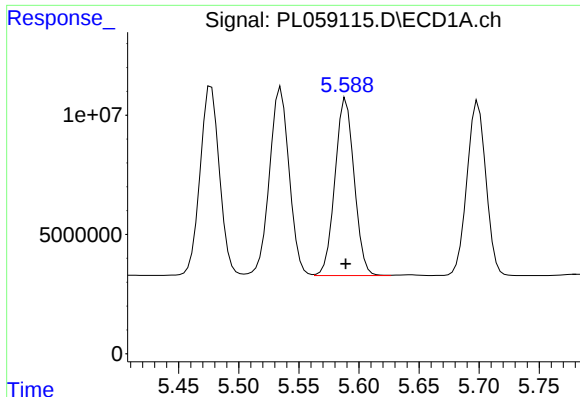
#8 Heptachlor epoxide

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 91417397
Conc: 53.52 ng/ml



#8 Heptachlor epoxide

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 149077818
Conc: 53.82 ng/ml



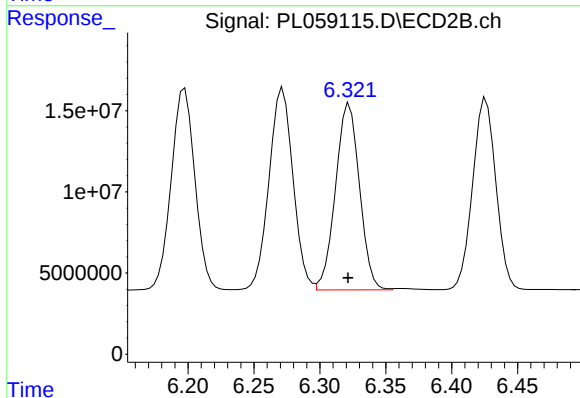
#9 Endosulfan I

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 82797813
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

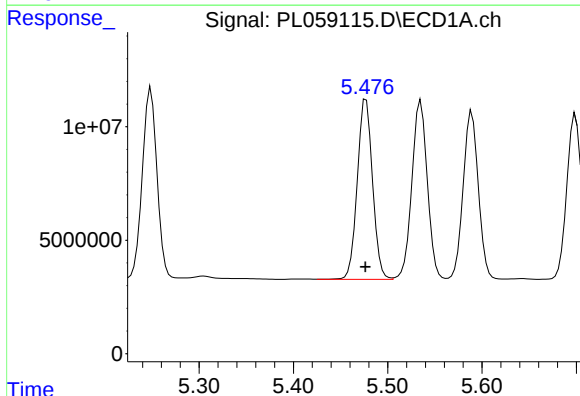
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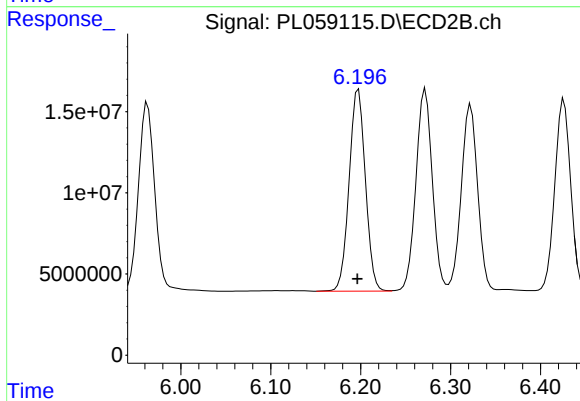
#9 Endosulfan I

R.T.: 6.322 min
Delta R.T.: 0.001 min
Response: 145340509
Conc: 51.94 ng/ml



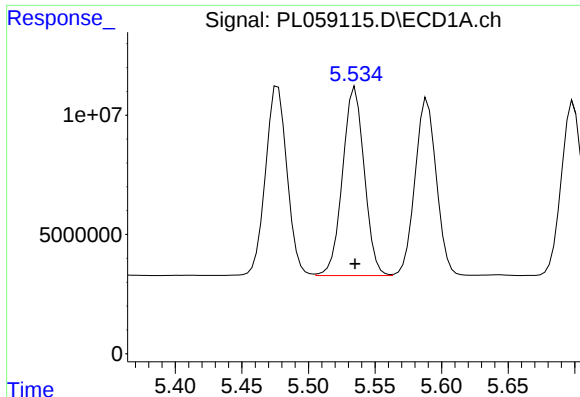
#10 gamma-Chlordane

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 89439769
Conc: 53.41 ng/ml



#10 gamma-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.001 min
Response: 156412365
Conc: 52.28 ng/ml



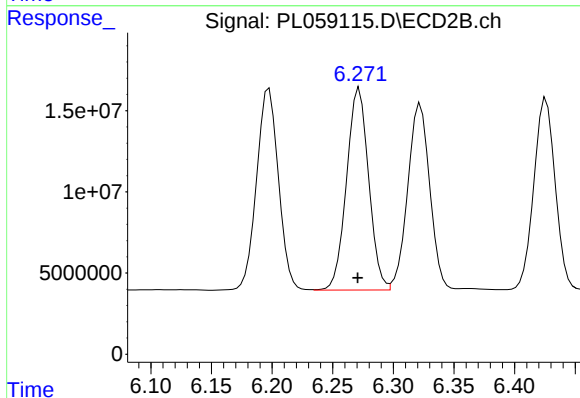
#11 alpha-Chlordane

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 89846733
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

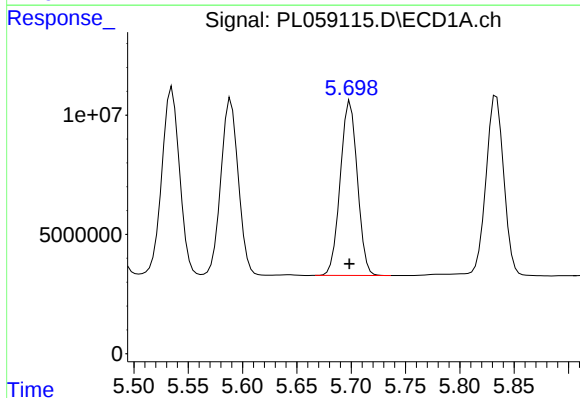
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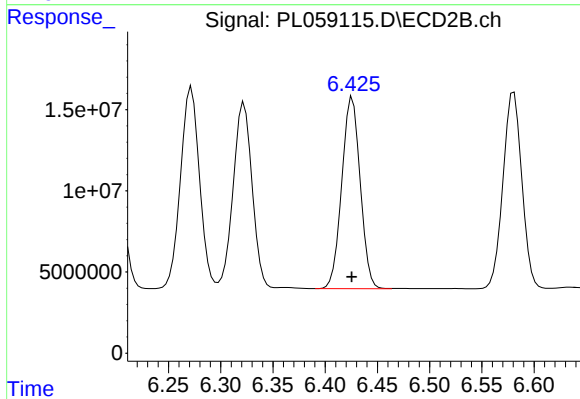
#11 alpha-Chlordane

R.T.: 6.272 min
Delta R.T.: 0.001 min
Response: 157917943
Conc: 51.96 ng/ml



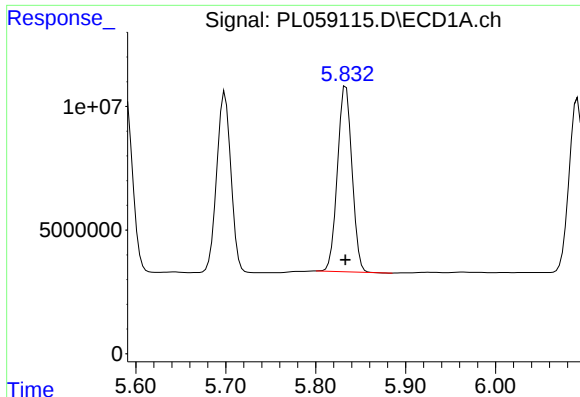
#12 4,4'-DDE

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 80256863
Conc: 52.78 ng/ml



#12 4,4'-DDE

R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 144878556
Conc: 52.05 ng/ml



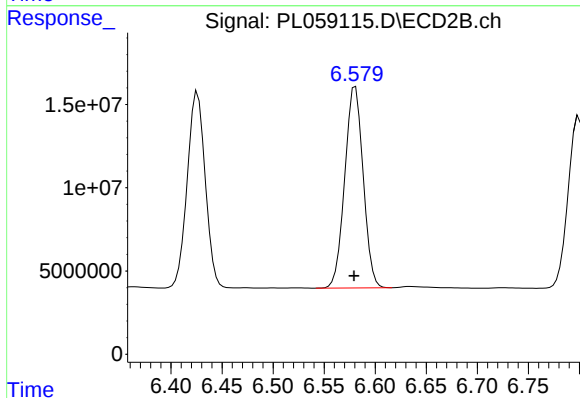
#13 Dieldrin

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 84199790
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

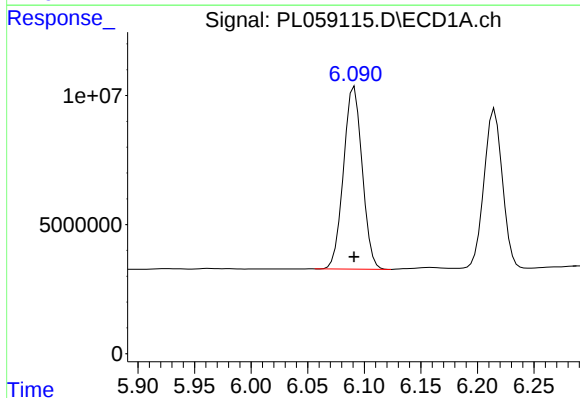
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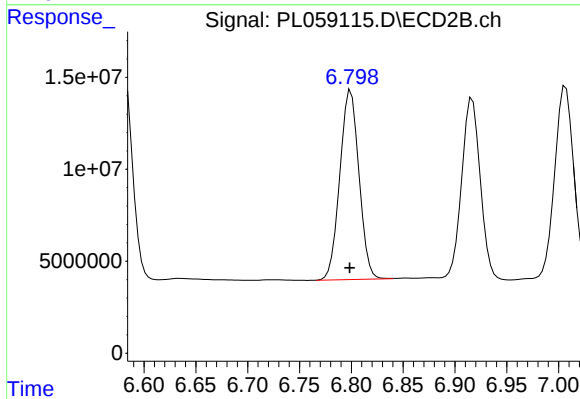
#13 Dieldrin

R.T.: 6.581 min
Delta R.T.: 0.001 min
Response: 151673735
Conc: 51.95 ng/ml



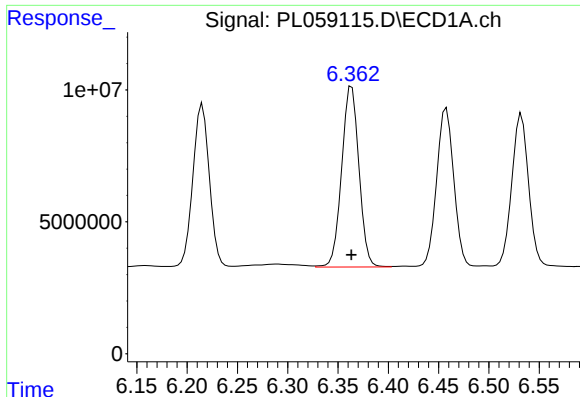
#14 Endrin

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 81199335
Conc: 53.59 ng/ml



#14 Endrin

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 132286086
Conc: 53.12 ng/ml



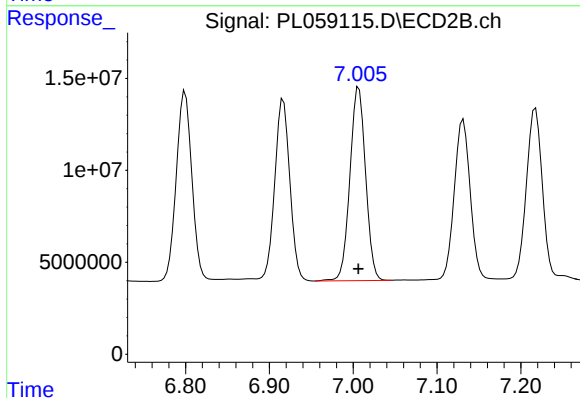
#15 Endosulfan II

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 81797874
Conc: 52.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

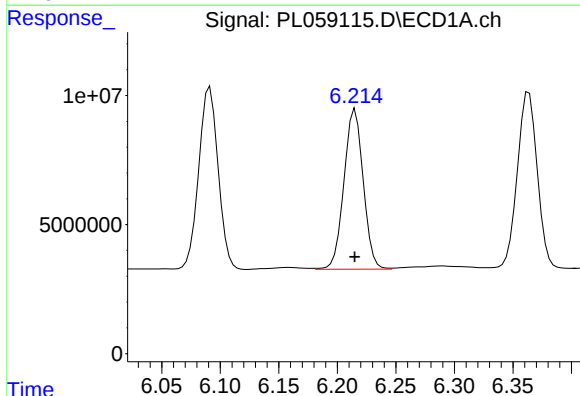
Manual Integrations
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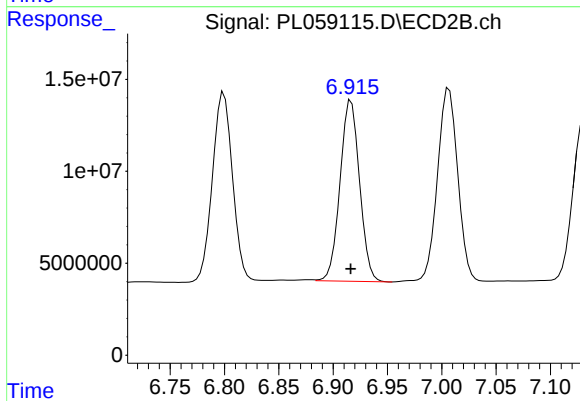
#15 Endosulfan II

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 136906876
Conc: 52.56 ng/ml



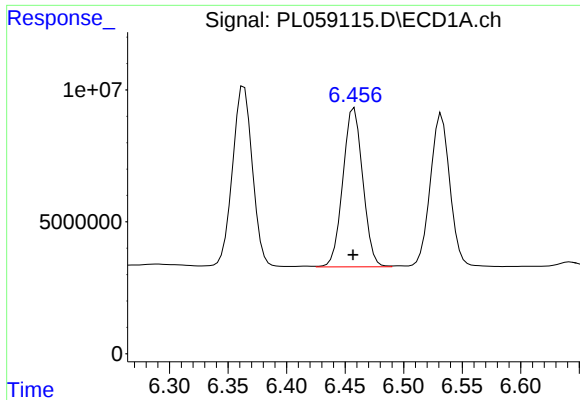
#16 4,4'-DDD

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 71040924
Conc: 53.74 ng/ml



#16 4,4'-DDD

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 123192765
Conc: 53.08 ng/ml



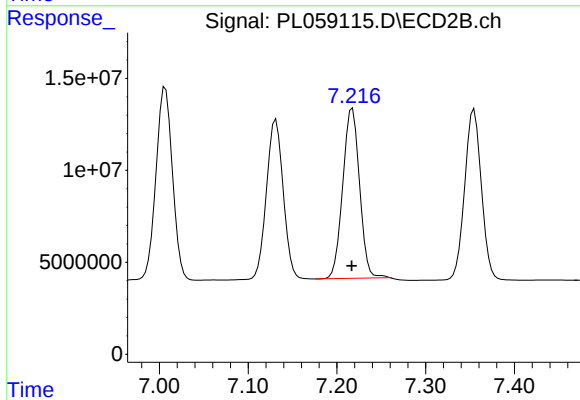
#17 4,4'-DDT

R.T.: 6.458 min
Delta R.T.: 0.001 min
Response: 71361808
Conc: 56.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

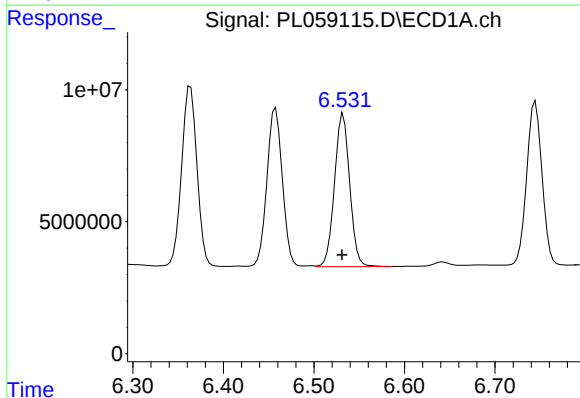
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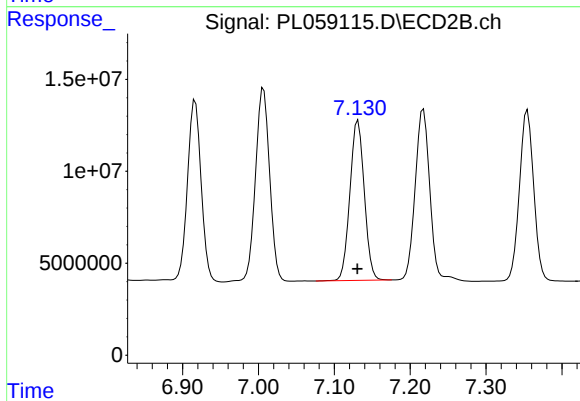
#17 4,4'-DDT

R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 121684625
Conc: 53.44 ng/ml



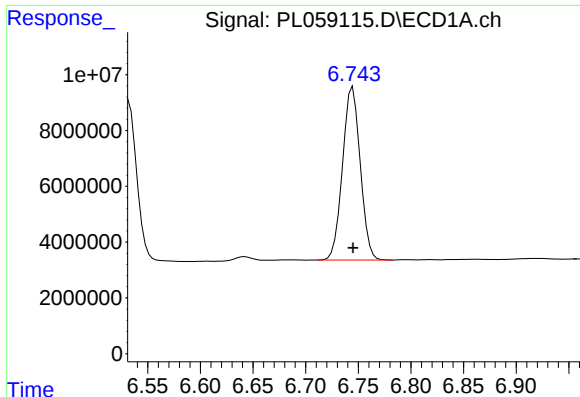
#18 Endrin aldehyde

R.T.: 6.532 min
Delta R.T.: 0.001 min
Response: 67600085
Conc: 51.34 ng/ml



#18 Endrin aldehyde

R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 114512754
Conc: 50.09 ng/ml



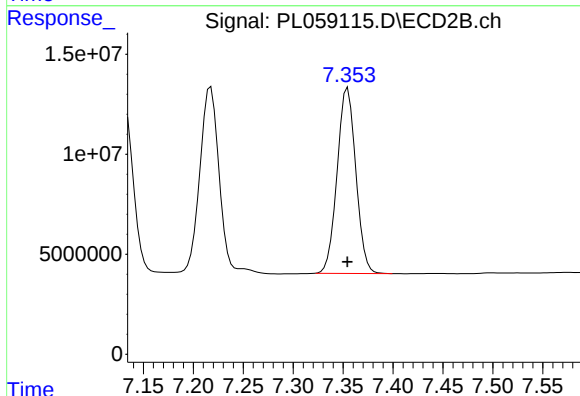
#19 Endosulfan Sulfate

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 72801726
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

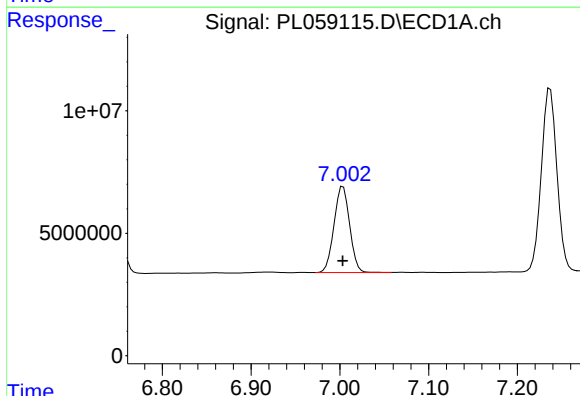
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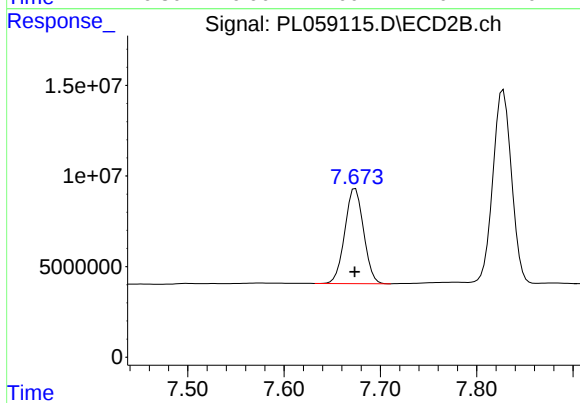
#19 Endosulfan Sulfate

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 120960007
Conc: 48.28 ng/ml



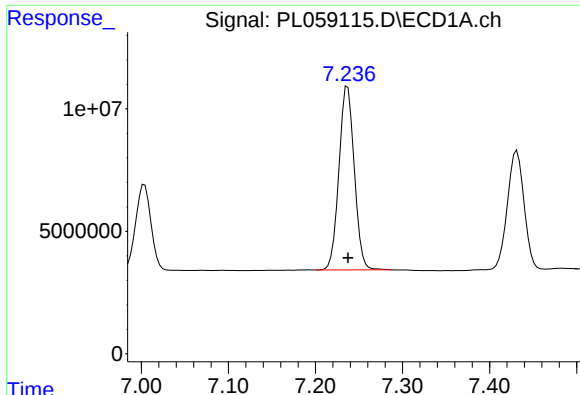
#20 Methoxychlor

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 43135587
Conc: 56.16 ng/ml



#20 Methoxychlor

R.T.: 7.674 min
Delta R.T.: 0.000 min
Response: 70769080
Conc: 53.67 ng/ml



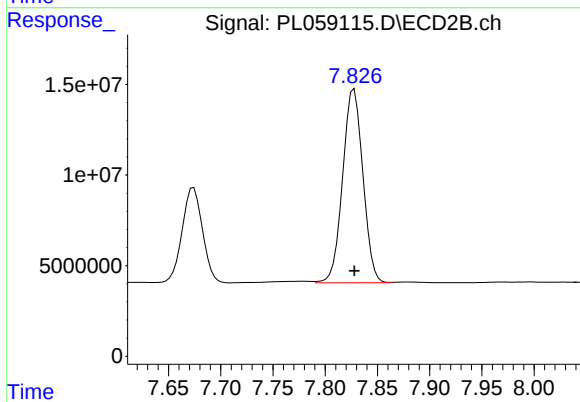
#21 Endrin ketone

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 91954028
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

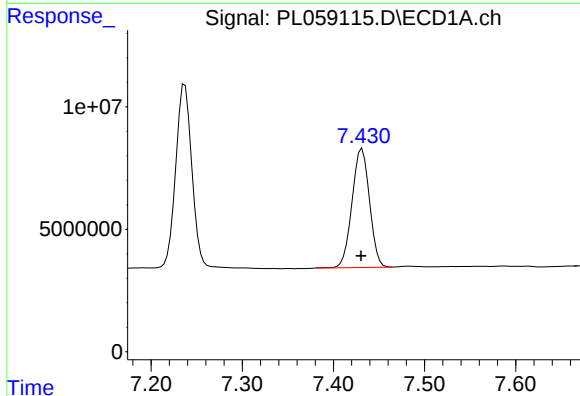
Manual Integrations
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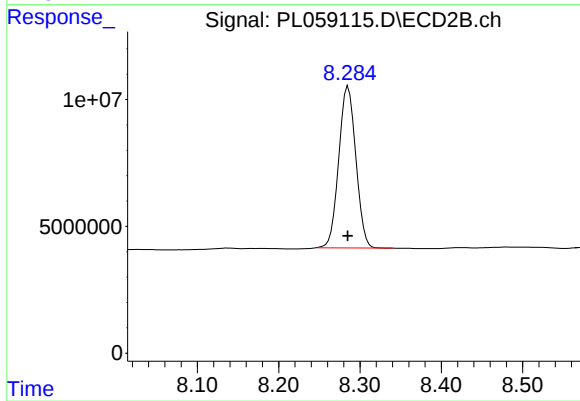
#21 Endrin ketone

R.T.: 7.828 min
Delta R.T.: 0.000 min
Response: 144141235
Conc: 54.94 ng/ml



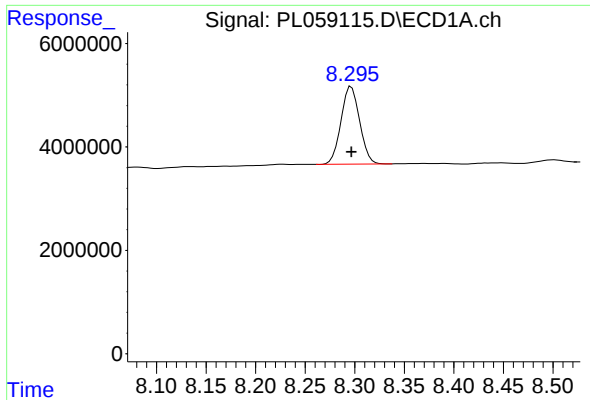
#22 Mirex

R.T.: 7.431 min
Delta R.T.: 0.001 min
Response: 64569541
Conc: 46.78 ng/ml



#22 Mirex

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 92893226
Conc: 47.09 ng/ml



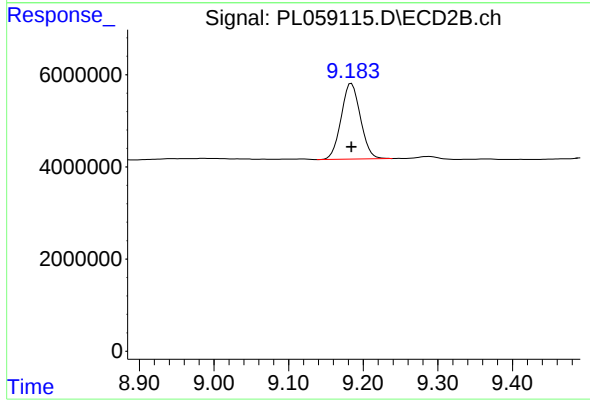
#28 Decachlorobiphenyl

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 19631679
Conc: 11.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-20200529MSD

Manual Integrations
APPROVED

mohammad
6/4/2020 12:46:53 PM



#28 Decachlorobiphenyl

R.T.: 9.184 min
Delta R.T.: 0.000 min
Response: 29424555
Conc: 12.41 ng/ml