

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052623\
 Data File : PL083066.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 20:53
 Operator : AR\AJ
 Sample : PB153077BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153077BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/30/2023
 Supervised By : Ankita Jodhani 05/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 22:02:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 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...	3.316	2.635	76317707	68521758	25.967	26.394
28)	SA Decachlor...	8.729	7.739	61945194	75715248	29.535	30.450
Target Compounds							
2)	A alpha-BHC	3.765	3.132	240.1E6	203.6E6	54.082	54.564
3)	MA gamma-BHC...	4.093	3.458	223.9E6	188.6E6	54.034	56.578
4)	MA Heptachlor	4.670	3.789	210.5E6	195.8E6	55.057	53.488
5)	MB Aldrin	5.006	4.065	197.9E6	179.3E6	56.243	55.093
6)	B beta-BHC	4.297	3.759	98752070	78364623	52.451	54.797
7)	B delta-BHC	4.538	3.984	214.6E6	184.4E6	62.402	56.270
8)	B Heptachlo...	5.432	4.566	178.8E6	164.9E6	55.905	55.570
9)	A Endosulfan I	5.813	4.933	166.1E6	154.5E6	55.354	55.304
10)	B gamma-Chl...	5.687	4.814	183.5E6	166.6E6	57.774	55.485
11)	B alpha-Chl...	5.765	4.877	178.7E6	166.5E6	55.680	55.469
12)	B 4,4'-DDE	5.944	5.068	156.9E6	143.6E6	56.927	59.119
13)	MA Dieldrin	6.087	5.197	168.3E6	158.2E6	55.966	56.030
14)	MA Endrin	6.315	5.471	148.5E6	137.9E6	55.257	54.347
15)	B Endosulfa...	6.536	5.768	139.9E6	132.5E6	53.183	53.548
16)	A 4,4'-DDD	6.459	5.622	129.2E6	114.8E6	59.464	59.685
17)	MA 4,4'-DDT	6.769	5.870	136.4E6	121.2E6	54.496	54.344
18)	B Endrin al...	6.665	5.947	111.7E6	105.1E6	55.541m	53.148
19)	B Endosulfa...	6.901	6.170	142.4E6	135.5E6	55.525	55.338
20)	A Methoxychlor	7.251	6.449	72375725	68962127	54.731	54.226
21)	B Endrin ke...	7.380	6.674	146.2E6	153.3E6	57.298	56.715
22)	Mirex	7.844	6.844	120.0E6	132.9E6	57.257	56.806

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052623\
Data File : PL083066.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 May 2023 20:53
Operator : AR\AJ
Sample : PB153077BSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

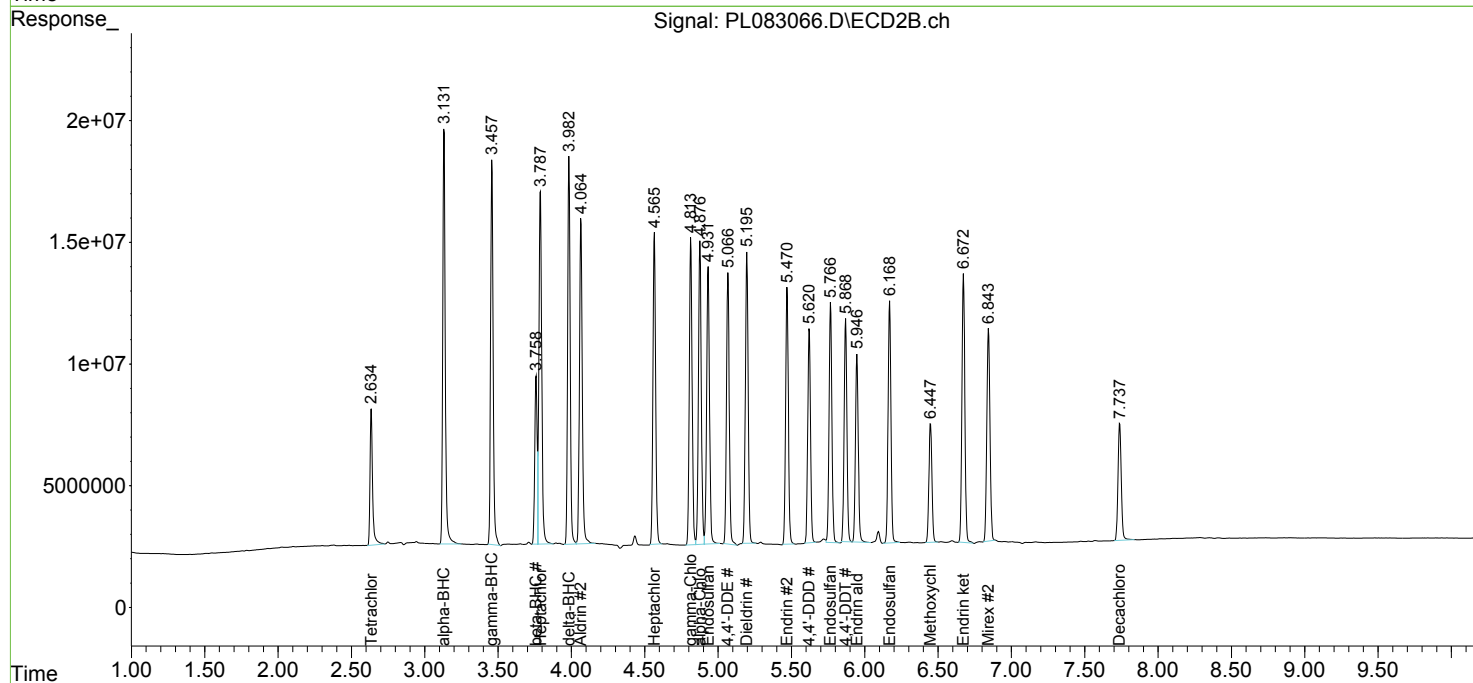
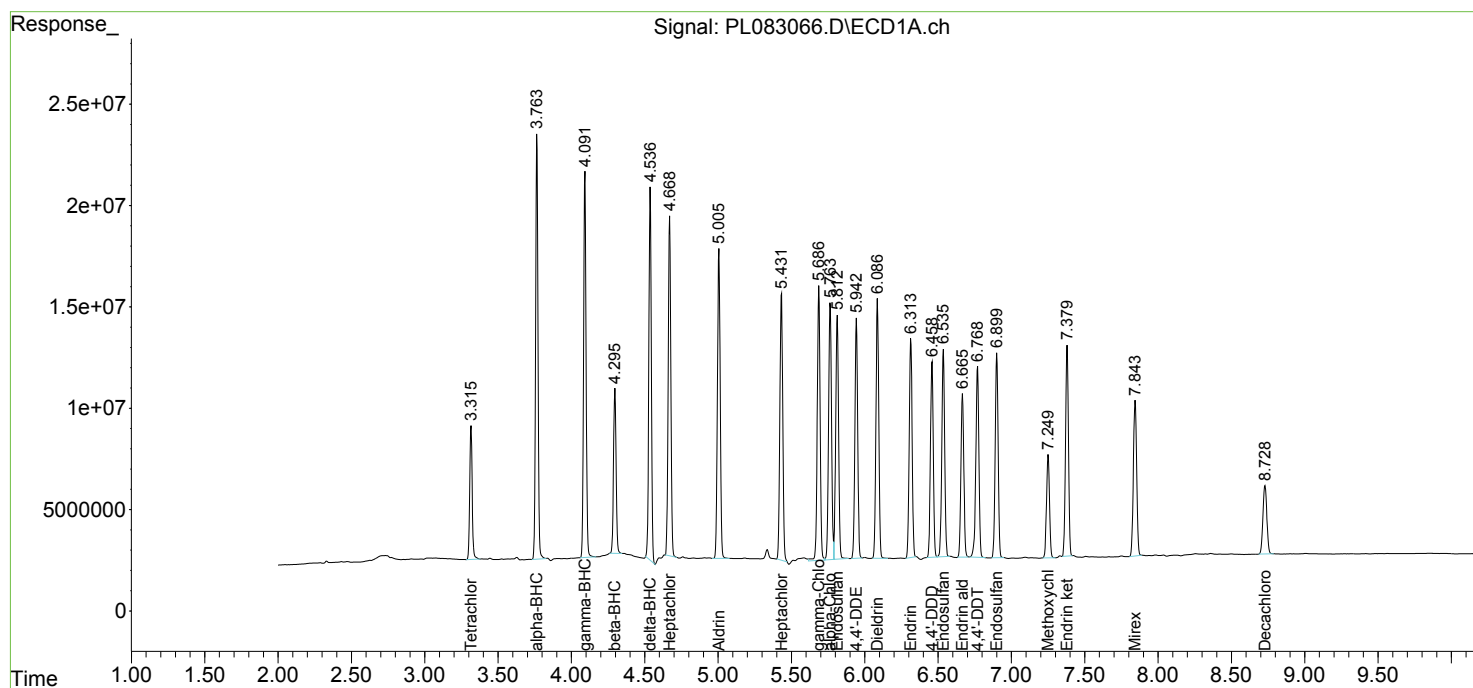
Instrument :
ECD_L
ClientSampleId :
PB153077BSD

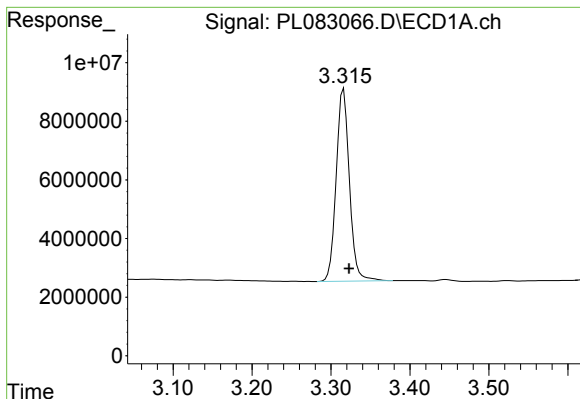
Manual Integrations
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Reviewed By :Abdul Mirza 05/30/2023
Supervised By :Ankita Jodhani 05/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 26 22:02:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 2023
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





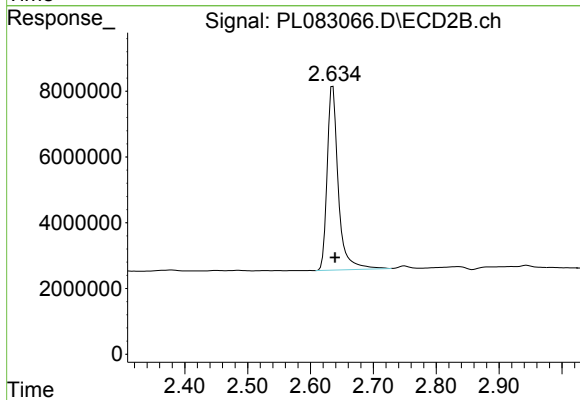
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 76317707
Conc: 25.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

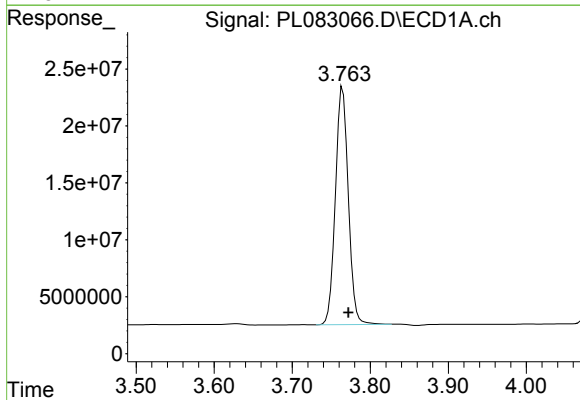
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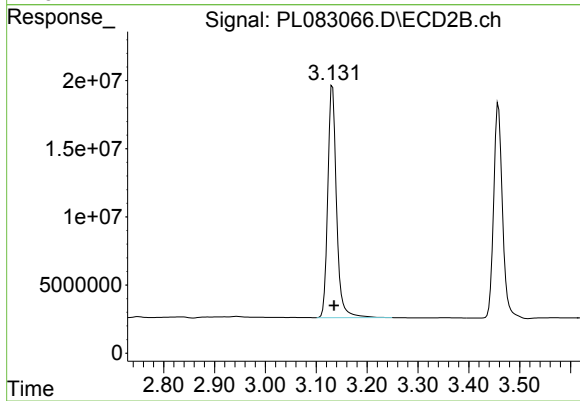
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 68521758
Conc: 26.39 ng/ml



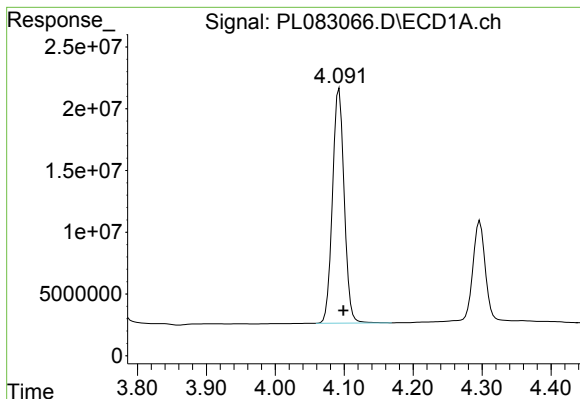
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 240084407
Conc: 54.08 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 203603136
Conc: 54.56 ng/ml



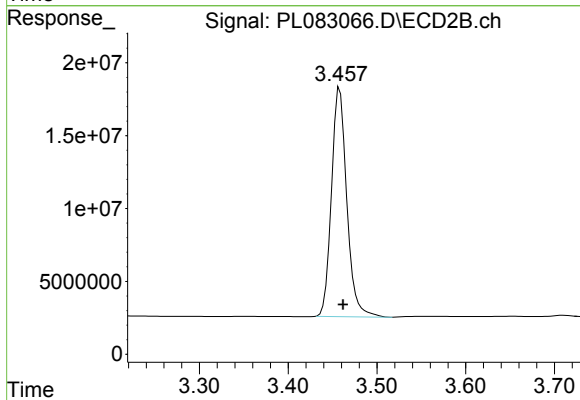
#3 gamma-BHC (Lindane)

R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 223856920
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

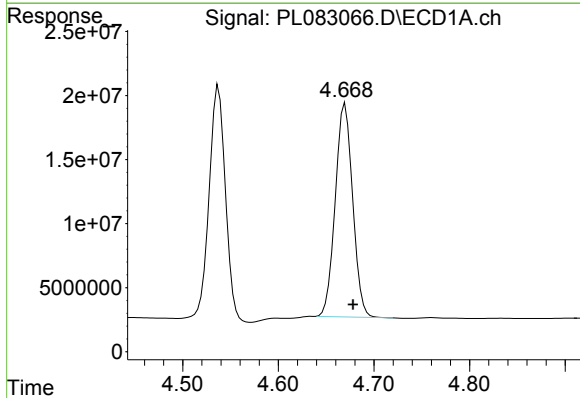
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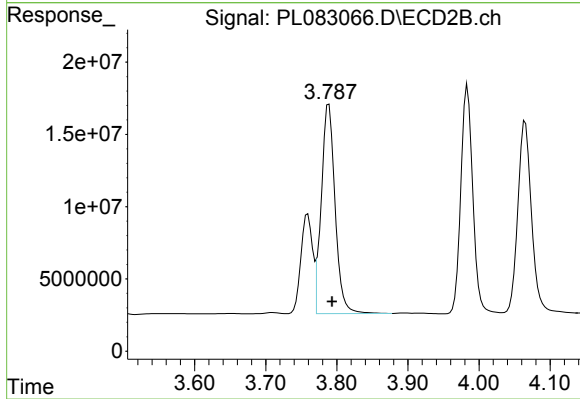
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.004 min
Response: 188590463
Conc: 56.58 ng/ml



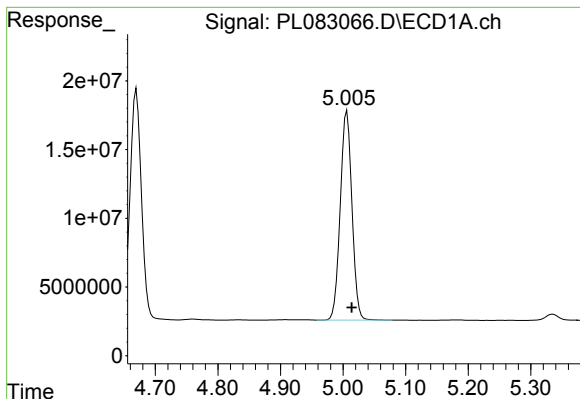
#4 Heptachlor

R.T.: 4.670 min
Delta R.T.: -0.008 min
Response: 210453825
Conc: 55.06 ng/ml



#4 Heptachlor

R.T.: 3.789 min
Delta R.T.: -0.004 min
Response: 195825014
Conc: 53.49 ng/ml



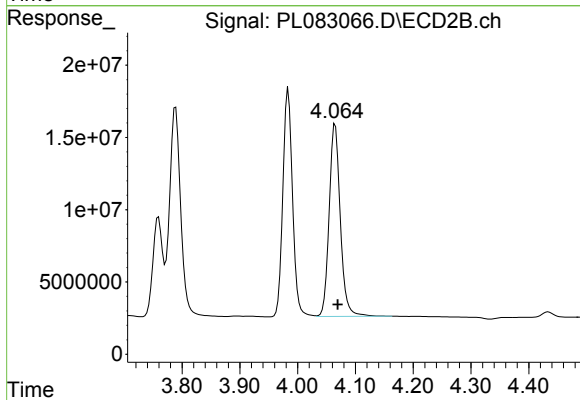
#5 Aldrin

R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 197870930
Conc: 56.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

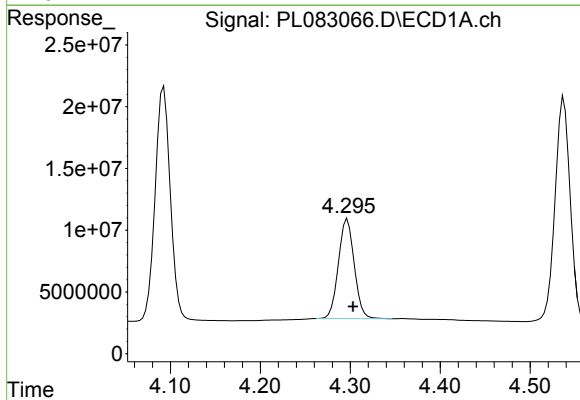
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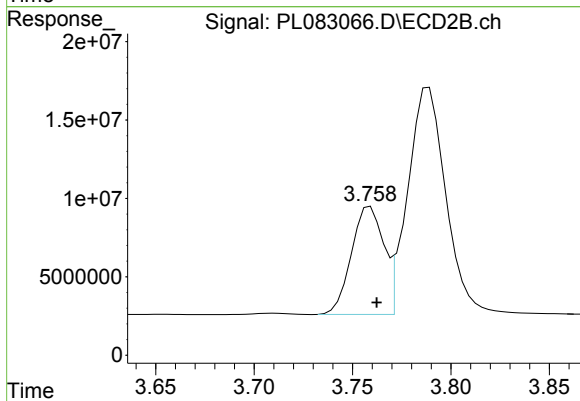
#5 Aldrin

R.T.: 4.065 min
Delta R.T.: -0.005 min
Response: 179253076
Conc: 55.09 ng/ml



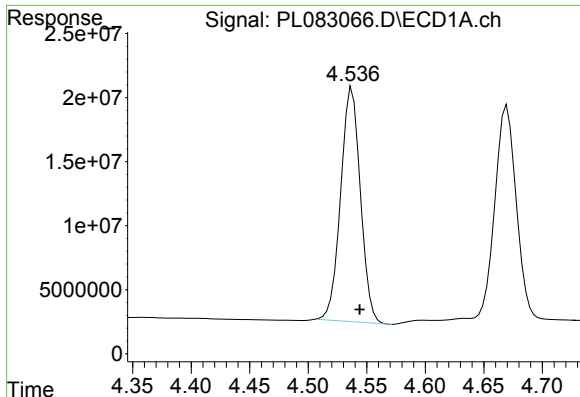
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 98752070
Conc: 52.45 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.003 min
Response: 78364623
Conc: 54.80 ng/ml



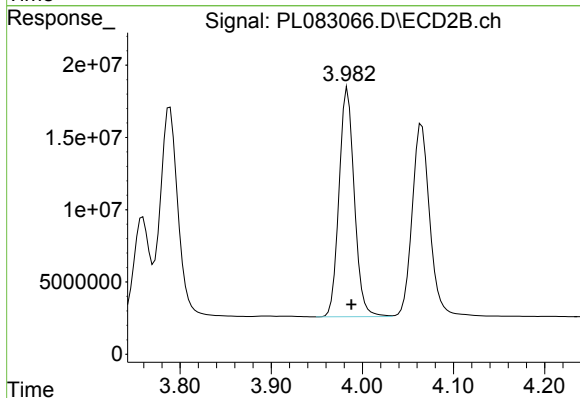
#7 delta-BHC

R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 214596366
Conc: 62.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

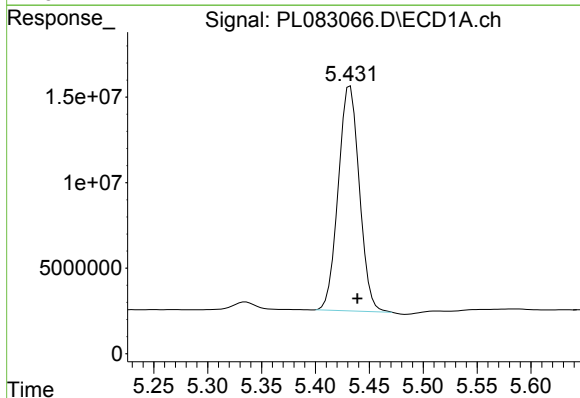
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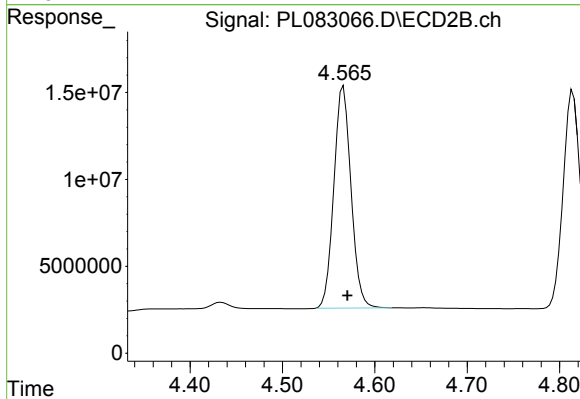
#7 delta-BHC

R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 184364697
Conc: 56.27 ng/ml



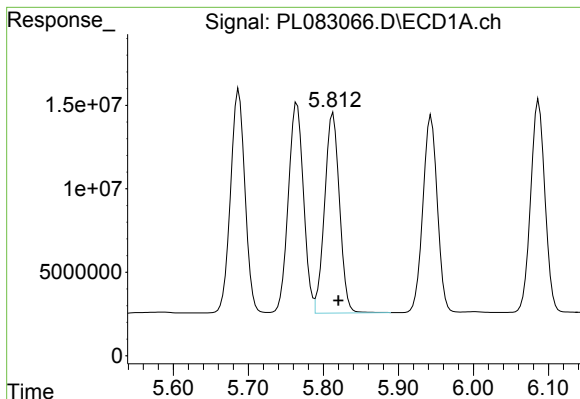
#8 Heptachlor epoxide

R.T.: 5.432 min
Delta R.T.: -0.007 min
Response: 178824492
Conc: 55.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 164927113
Conc: 55.57 ng/ml



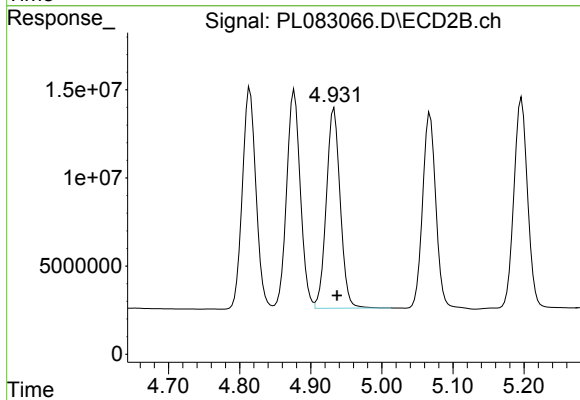
#9 Endosulfan I

R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 166093203
Conc: 55.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

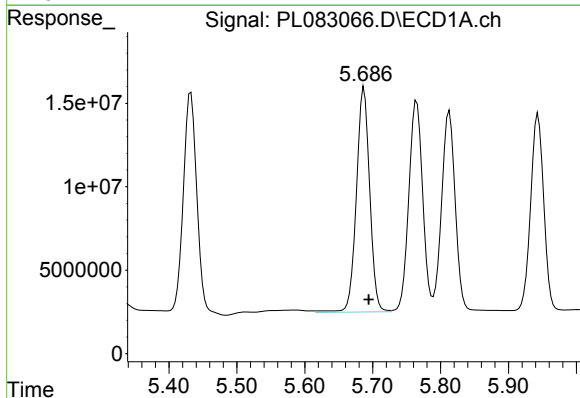
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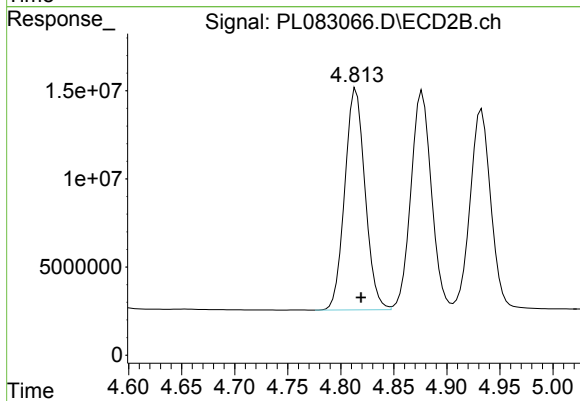
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 154540691
Conc: 55.30 ng/ml



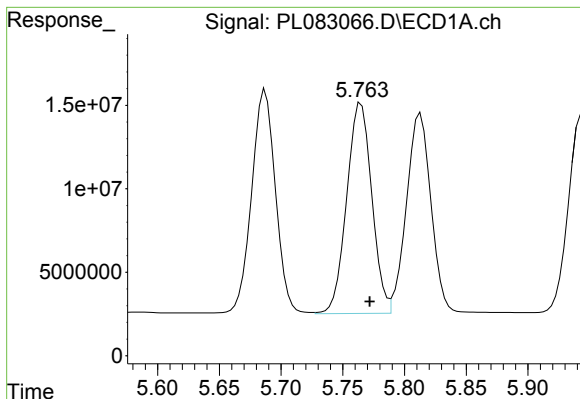
#10 gamma-Chlordane

R.T.: 5.687 min
Delta R.T.: -0.007 min
Response: 183547598
Conc: 57.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 166644576
Conc: 55.49 ng/ml



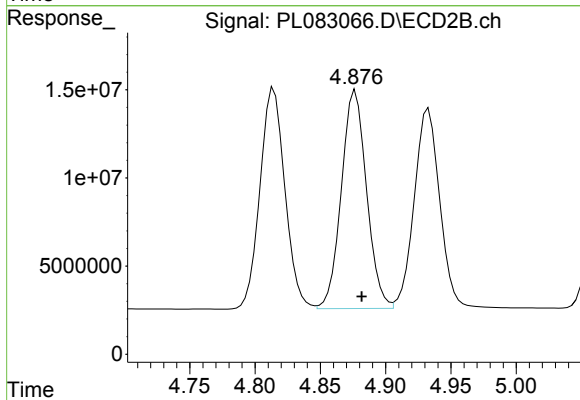
#11 alpha-Chlordane

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 178694271
Conc: 55.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

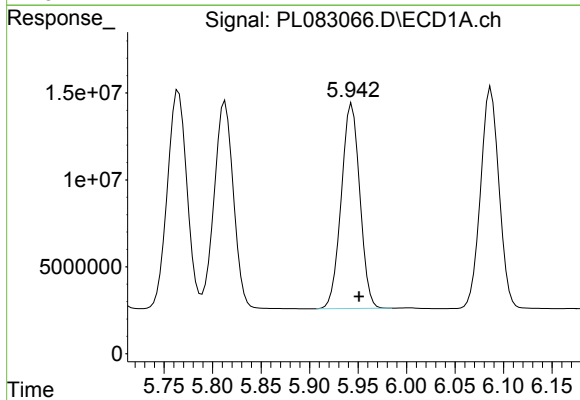
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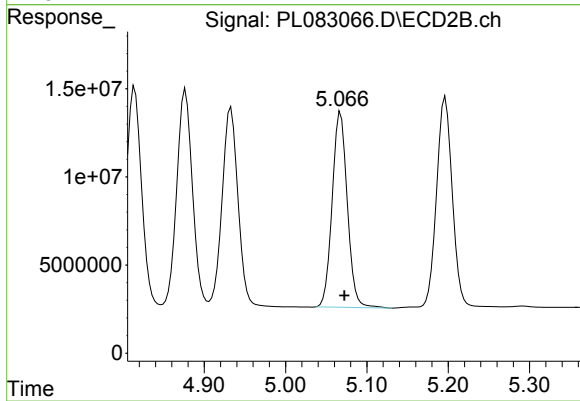
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: -0.005 min
Response: 166516726
Conc: 55.47 ng/ml



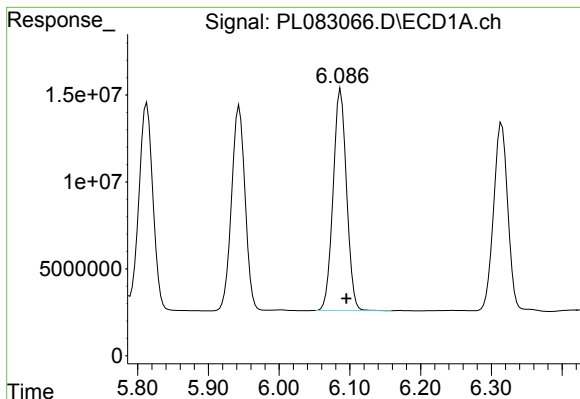
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 156920847
Conc: 56.93 ng/ml



#12 4,4'-DDE

R.T.: 5.068 min
Delta R.T.: -0.005 min
Response: 143585652
Conc: 59.12 ng/ml



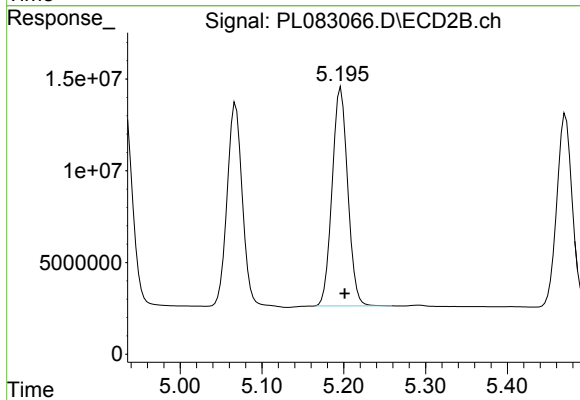
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 168338685
Conc: 55.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

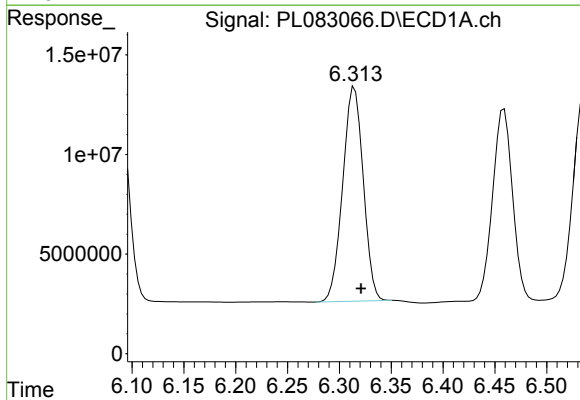
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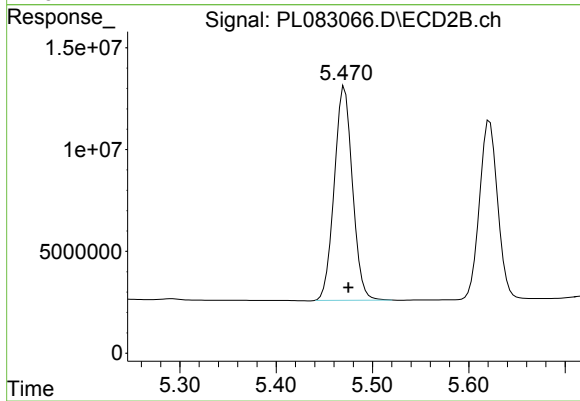
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.005 min
Response: 158168840
Conc: 56.03 ng/ml



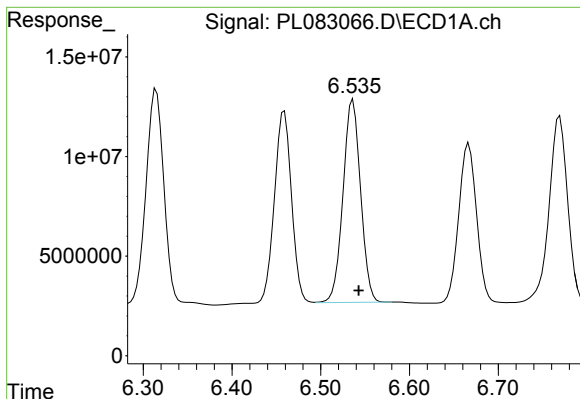
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 148489048
Conc: 55.26 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 137874528
Conc: 54.35 ng/ml



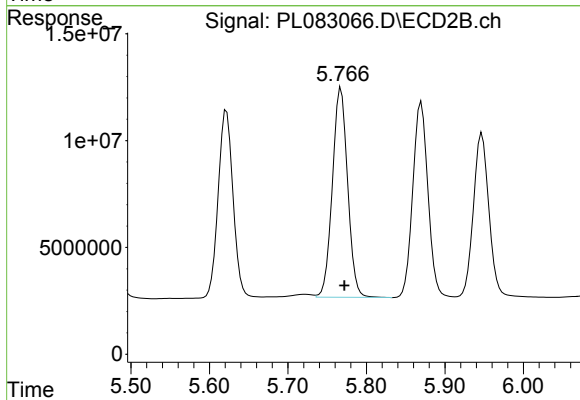
#15 Endosulfan II

R.T.: 6.536 min
Delta R.T.: -0.007 min
Response: 139917302
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

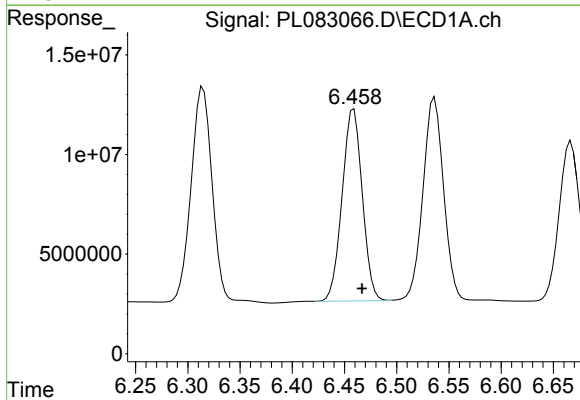
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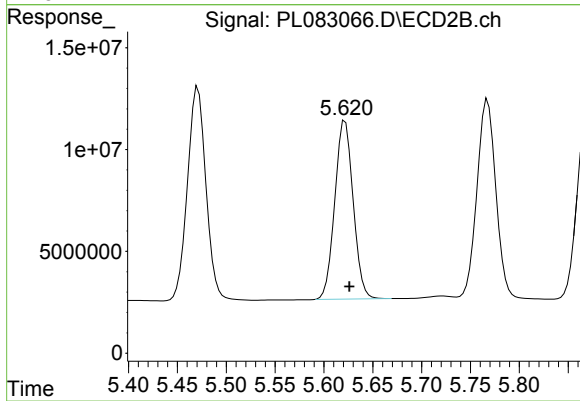
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 132487108
Conc: 53.55 ng/ml



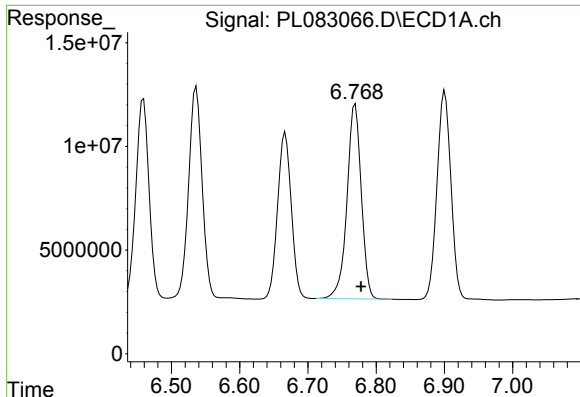
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 129218301
Conc: 59.46 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 114787763
Conc: 59.68 ng/ml



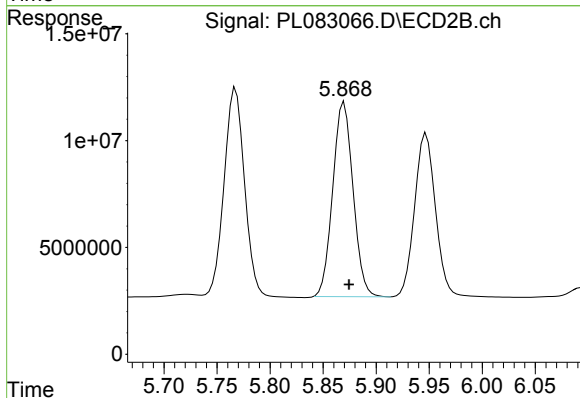
#17 4,4'-DDT

R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: 136413131
Conc: 54.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

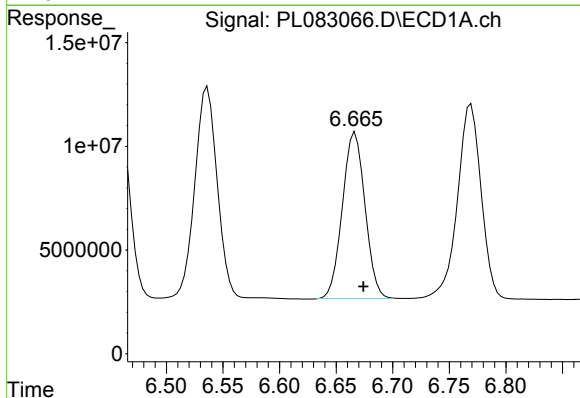
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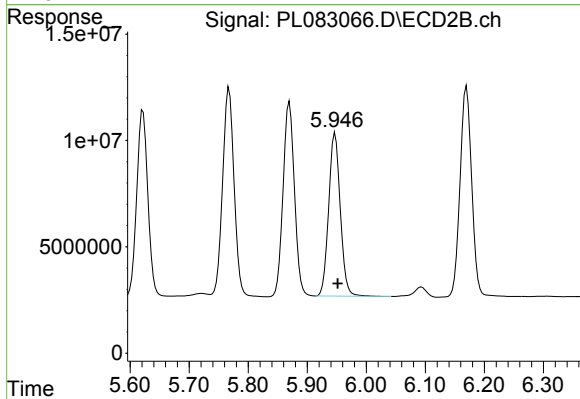
#17 4,4'-DDT

R.T.: 5.870 min
Delta R.T.: -0.005 min
Response: 121242912
Conc: 54.34 ng/ml



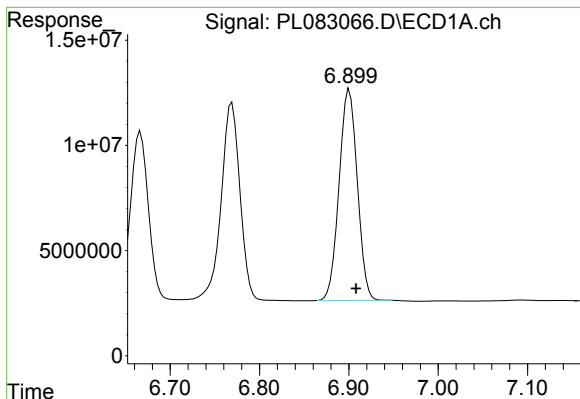
#18 Endrin aldehyde

R.T.: 6.665 min
Delta R.T.: -0.009 min
Response: 111673806
Conc: 55.54 ng/ml m



#18 Endrin aldehyde

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 105098473
Conc: 53.15 ng/ml



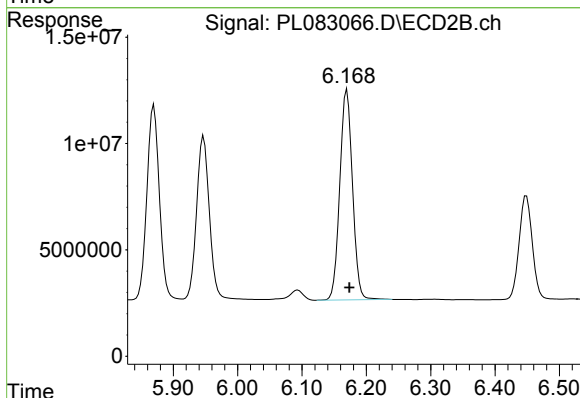
#19 Endosulfan Sulfate

R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 142350938
Conc: 55.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

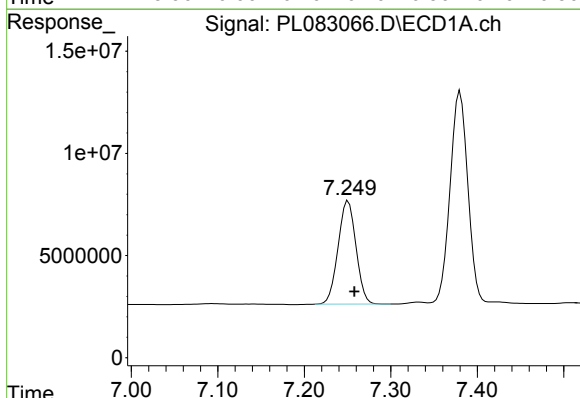
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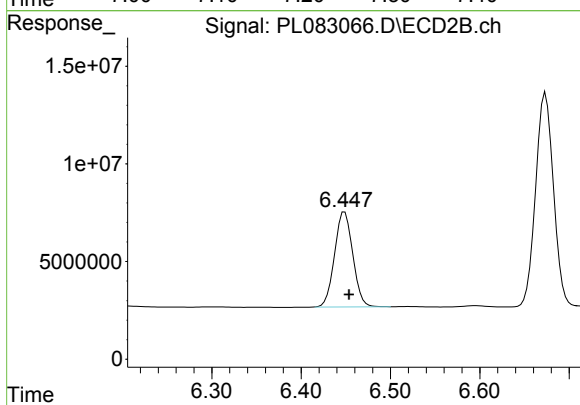
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 135523137
Conc: 55.34 ng/ml



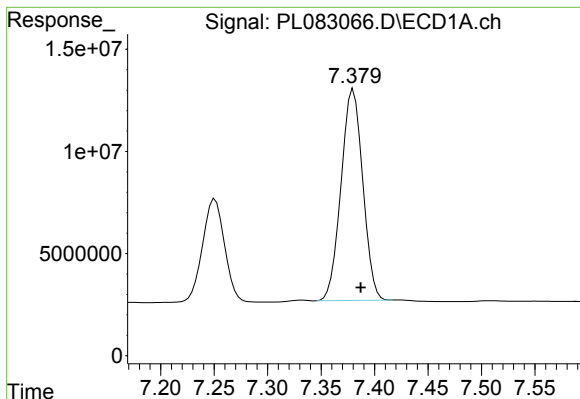
#20 Methoxychlor

R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 72375725
Conc: 54.73 ng/ml



#20 Methoxychlor

R.T.: 6.449 min
Delta R.T.: -0.005 min
Response: 68962127
Conc: 54.23 ng/ml



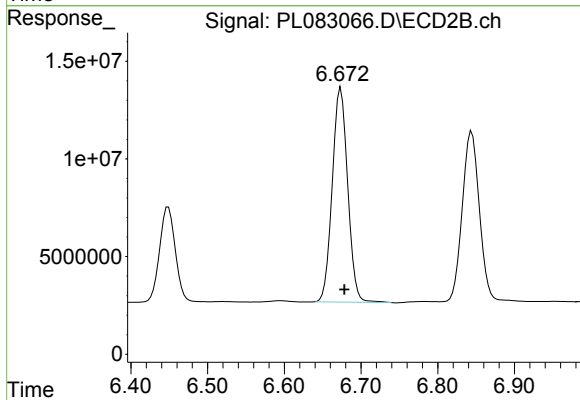
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 146154298
Conc: 57.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

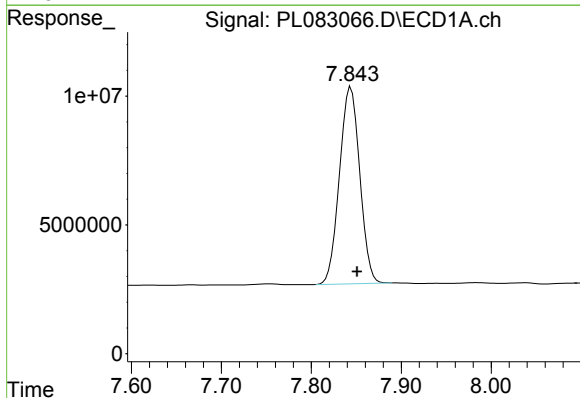
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/30/2023
Supervised By :Ankita Jodhani 05/30/2023



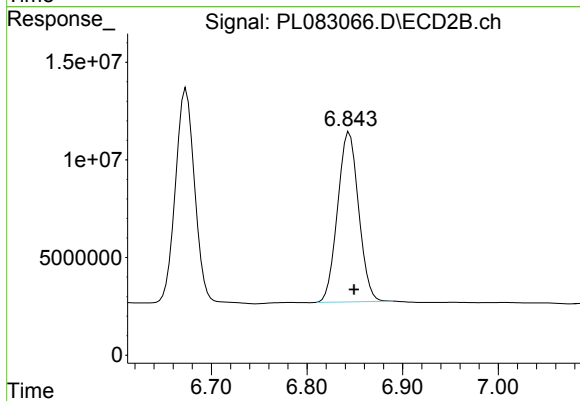
#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: -0.005 min
Response: 153348728
Conc: 56.71 ng/ml



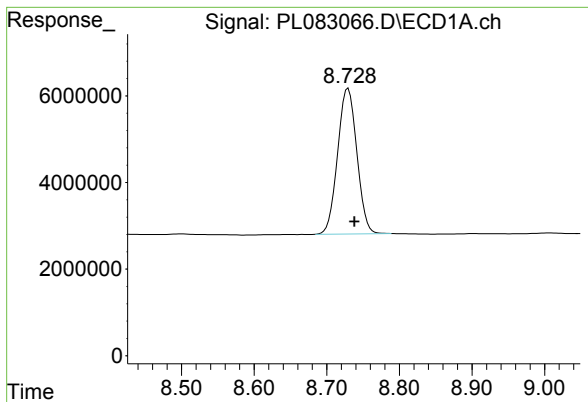
#22 Mirex

R.T.: 7.844 min
Delta R.T.: -0.007 min
Response: 120013410
Conc: 57.26 ng/ml



#22 Mirex

R.T.: 6.844 min
Delta R.T.: -0.005 min
Response: 132915212
Conc: 56.81 ng/ml



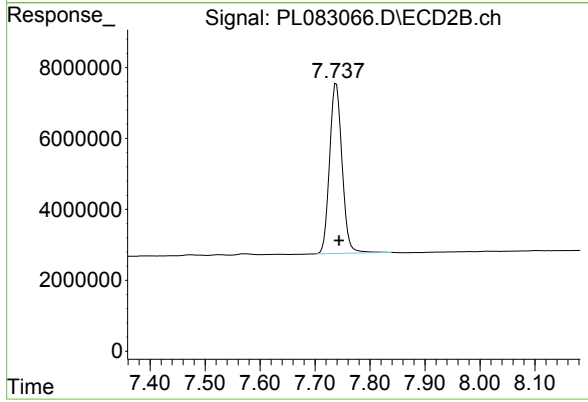
#28 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.009 min
Response: 61945194
Conc: 29.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153077BSD

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#28 Decachlorobiphenyl

R.T.: 7.739 min
Delta R.T.: -0.005 min
Response: 75715248
Conc: 30.45 ng/ml