

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061423\
 Data File : PL083421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2023 14:00
 Operator : AR\AJ
 Sample : PB153421BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153421BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/15/2023
 Supervised By :Ankita Jodhani 06/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 22:27:25 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	2.632	48438209	40784903	16.481	15.710
28)	SA Decachlor...	8.733	7.734	40851937	45781758	19.478	18.412
Target Compounds							
2)	A alpha-BHC	3.765	3.127	225.7E6	176.2E6	50.834	47.216
3)	MA gamma-BHC...	4.092	3.453	207.9E6	163.5E6	50.177	49.059
4)	MA Heptachlor	4.670	3.783	193.9E6	168.7E6	50.725	46.079
5)	MB Aldrin	5.006	4.059	187.9E6	157.5E6	53.416	48.413
6)	B beta-BHC	4.297	3.754	91991604	68424545	48.861	47.846
7)	B delta-BHC	4.538	3.979	206.3E6	160.4E6	59.989	48.956
8)	B Heptachlo...	5.433	4.558	170.6E6	145.4E6	53.344	48.985m
9)	A Endosulfan I	5.813	4.927	157.2E6	135.6E6	52.392	48.529
10)	B gamma-Chl...	5.688	4.808	173.9E6	147.9E6	54.752	49.244
11)	B alpha-Chl...	5.765	4.871	169.0E6	146.2E6	52.658	48.698
12)	B 4,4'-DDE	5.944	5.060	151.1E6	127.0E6	54.809	52.279m
13)	MA Dieldrin	6.088	5.189	159.6E6	137.9E6	53.076	48.839m
14)	MA Endrin	6.315	5.464	133.8E6	118.1E6	49.781	46.532m
15)	B Endosulfa...	6.538	5.762	128.6E6	118.0E6	48.507	47.686
16)	A 4,4'-DDD	6.461	5.615	125.7E6	107.9E6	57.840	56.110m
17)	MA 4,4'-DDT	6.771	5.863	120.4E6	102.8E6	48.093	46.058m
18)	B Endrin al...	6.668	5.941	103.2E6	94280441	51.338	47.677
19)	B Endosulfa...	6.903	6.165	133.7E6	120.8E6	52.147	49.344
20)	A Methoxychlor	7.253	6.443	63197920	56445518	47.791	44.384
21)	B Endrin ke...	7.382	6.667	139.6E6	136.6E6	54.731	50.529m
22)	Mirex	7.846	6.838	107.6E6	111.5E6	51.313	47.658m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061423\
Data File : PL083421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jun 2023 14:00
Operator : AR\AJ
Sample : PB153421BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

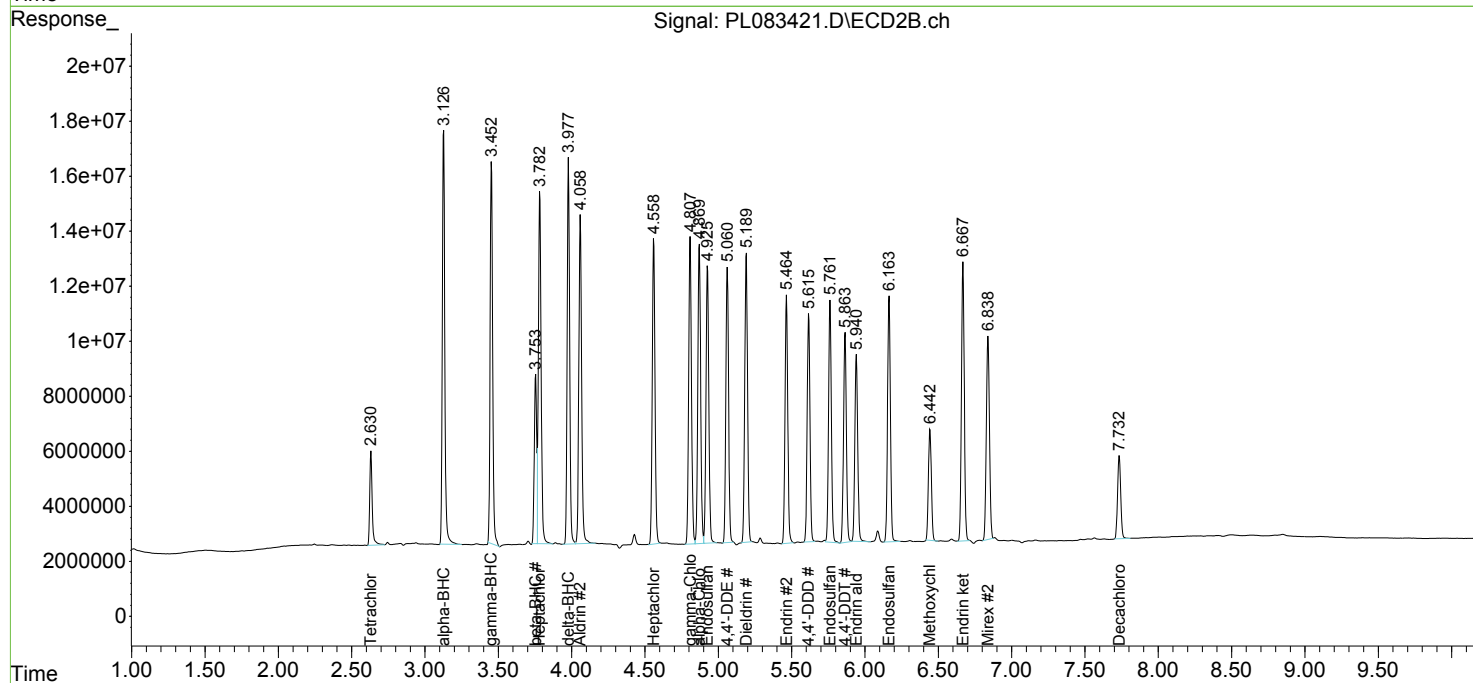
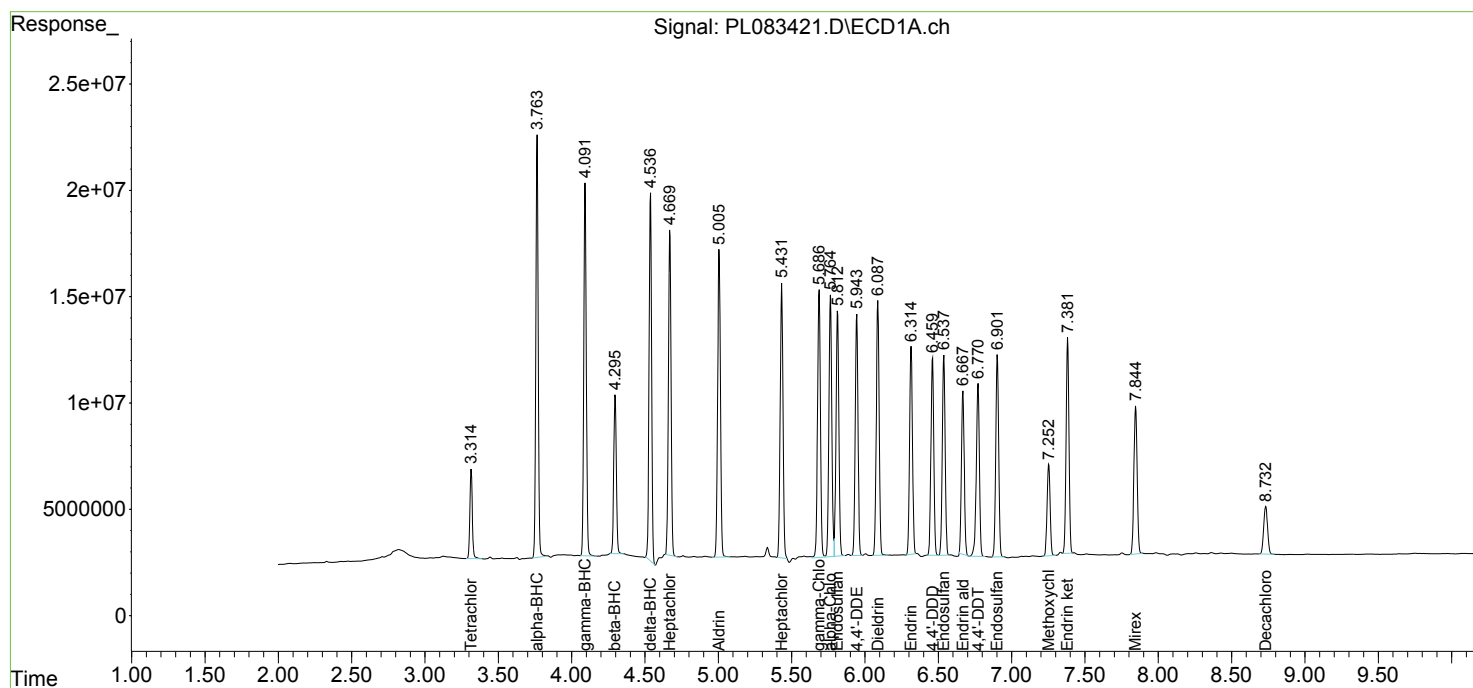
Instrument :
ECD_L
ClientSampleId :
PB153421BS

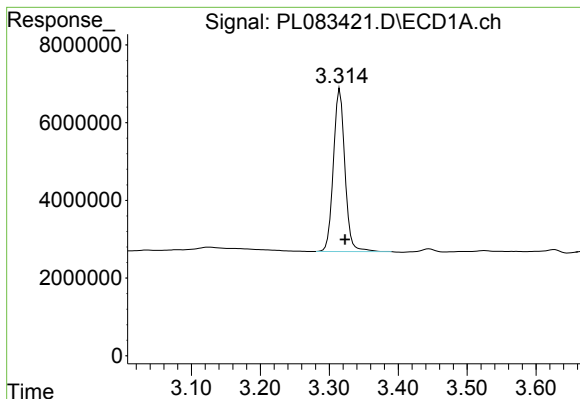
Manual Integrations
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Supervised By :Ankita Jodhani 06/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 14 22:27:25 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





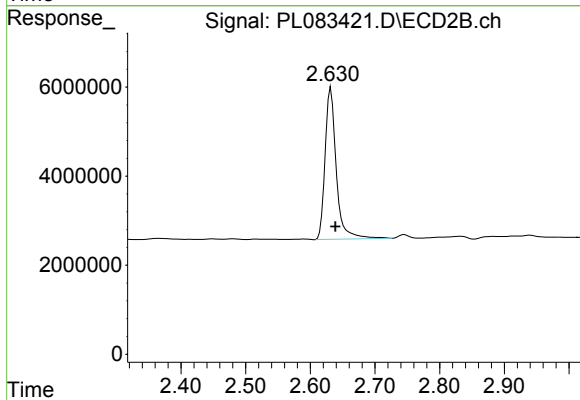
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 48438209
Conc: 16.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

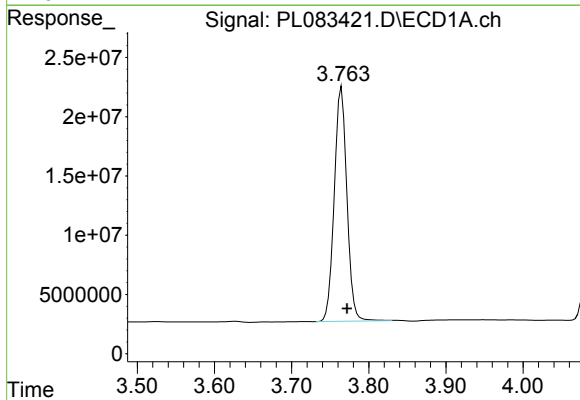
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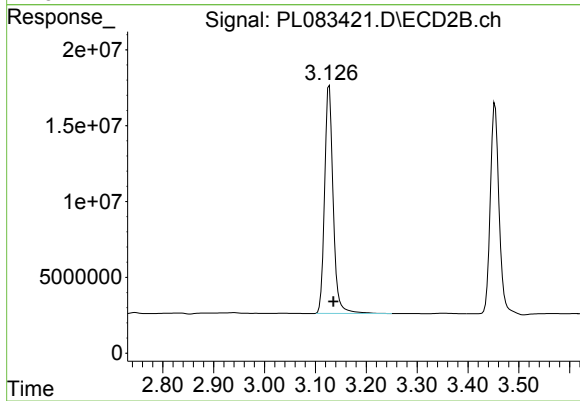
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 40784903
Conc: 15.71 ng/ml



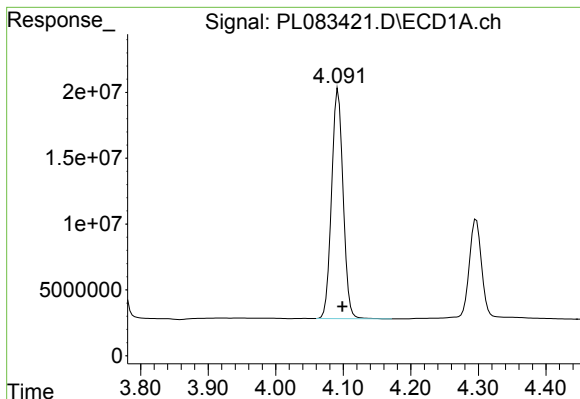
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 225664108
Conc: 50.83 ng/ml



#2 alpha-BHC

R.T.: 3.127 min
Delta R.T.: -0.008 min
Response: 176182996
Conc: 47.22 ng/ml



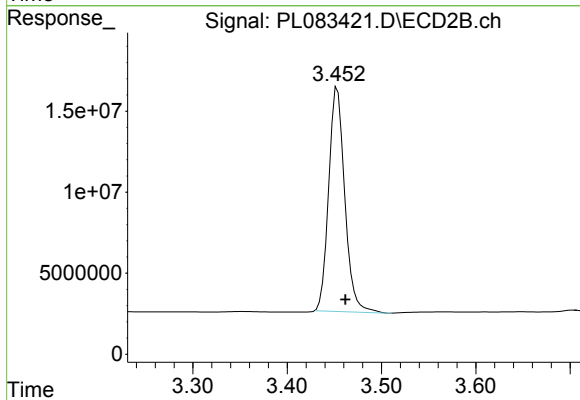
#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 207877750
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

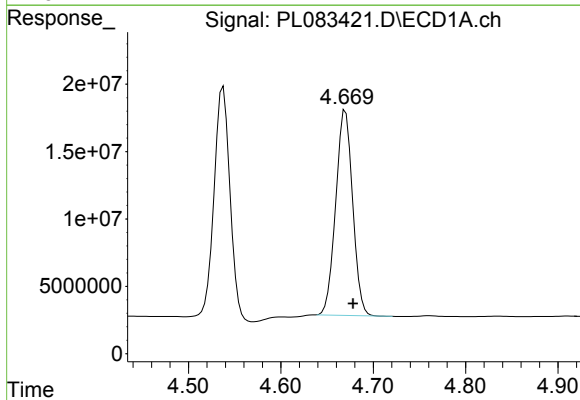
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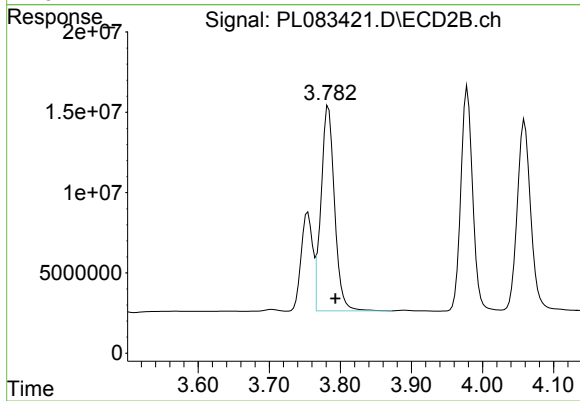
#3 gamma-BHC (Lindane)

R.T.: 3.453 min
Delta R.T.: -0.009 min
Response: 163528917
Conc: 49.06 ng/ml



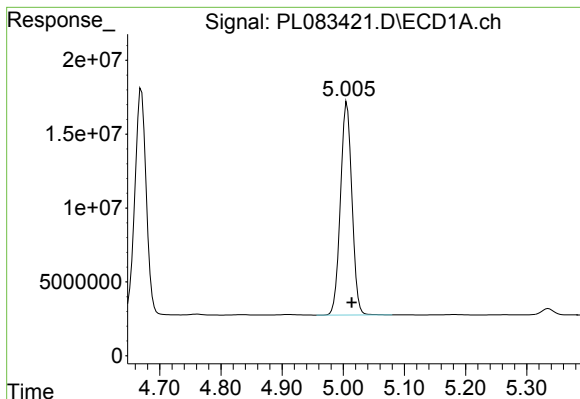
#4 Heptachlor

R.T.: 4.670 min
Delta R.T.: -0.008 min
Response: 193896113
Conc: 50.73 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.010 min
Response: 168697897
Conc: 46.08 ng/ml



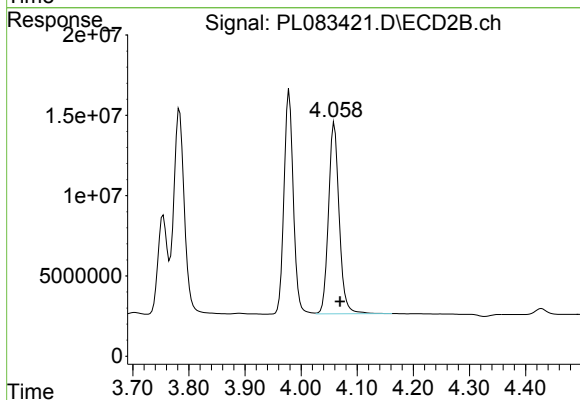
#5 Aldrin

R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 187924502
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

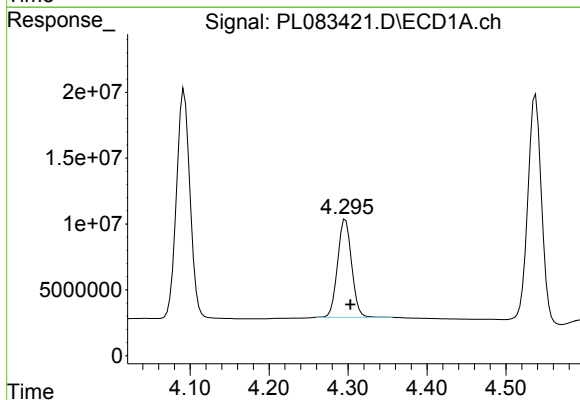
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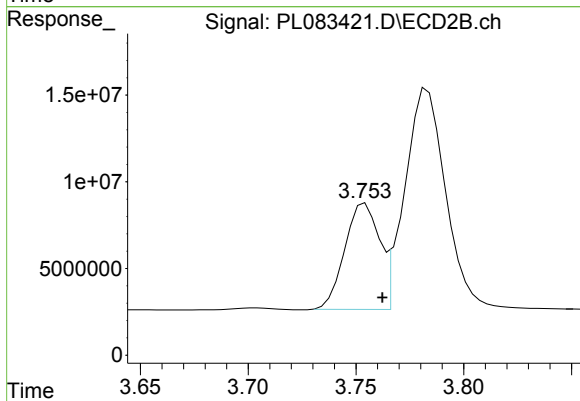
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.010 min
Response: 157517628
Conc: 48.41 ng/ml



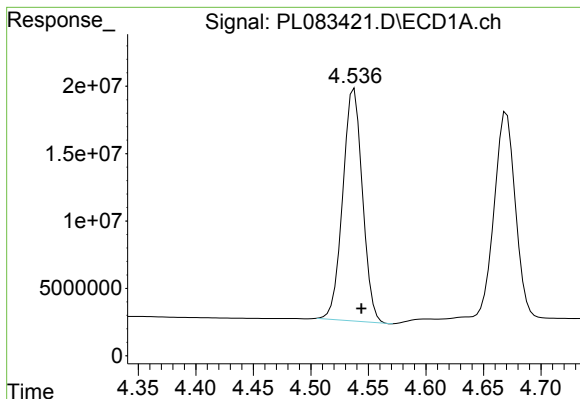
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 91991604
Conc: 48.86 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: -0.008 min
Response: 68424545
Conc: 47.85 ng/ml



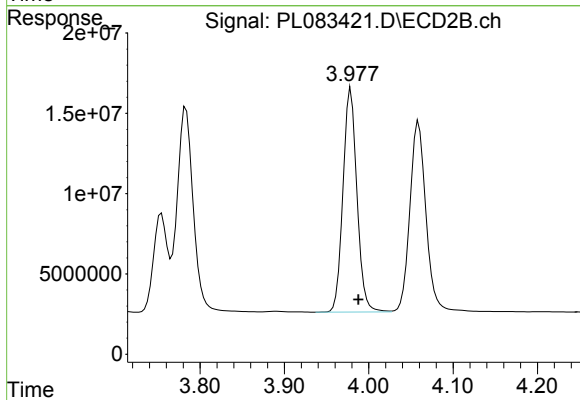
#7 delta-BHC

R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 206296327
Conc: 59.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

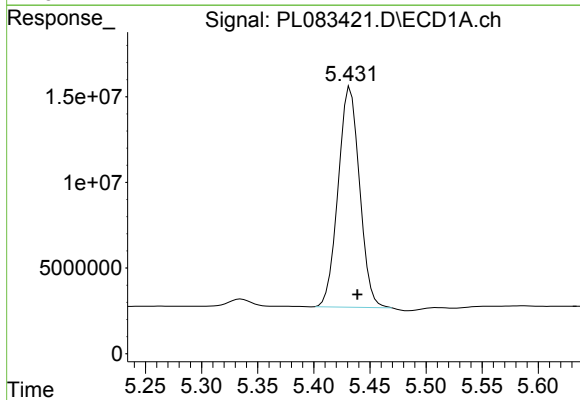
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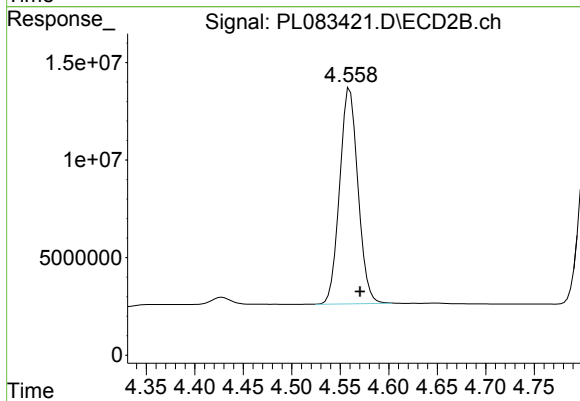
#7 delta-BHC

R.T.: 3.979 min
Delta R.T.: -0.009 min
Response: 160402285
Conc: 48.96 ng/ml



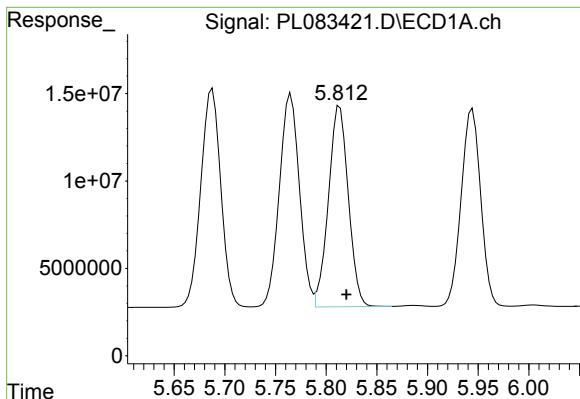
#8 Heptachlor epoxide

R.T.: 5.433 min
Delta R.T.: -0.006 min
Response: 170632739
Conc: 53.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.558 min
Delta R.T.: -0.012 min
Response: 145380890
Conc: 48.98 ng/ml m



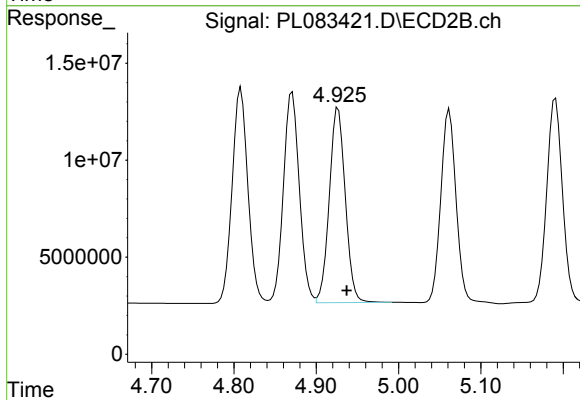
#9 Endosulfan I

R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 157207615
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

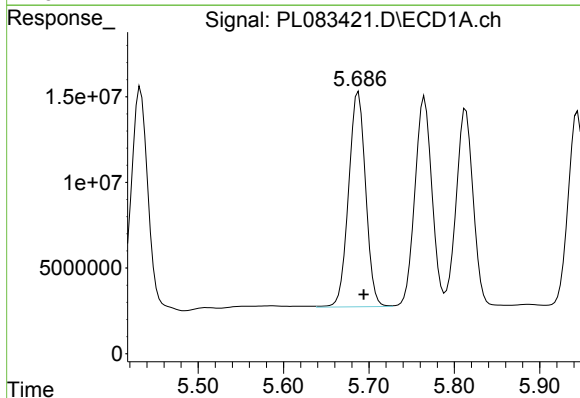
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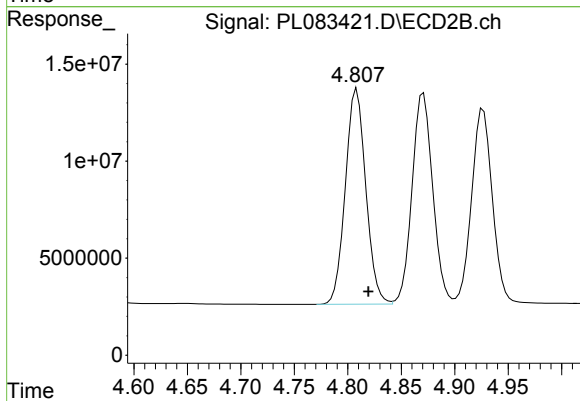
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: -0.011 min
Response: 135606784
Conc: 48.53 ng/ml



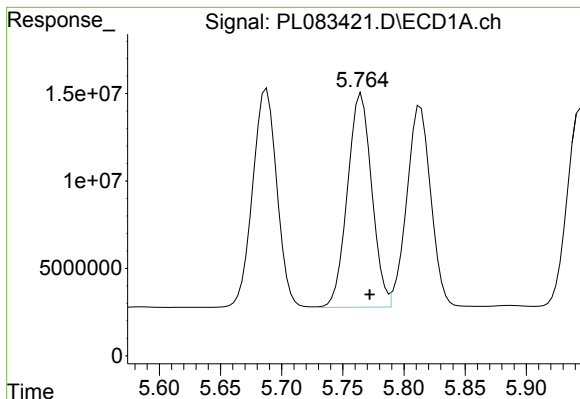
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 173944492
Conc: 54.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.808 min
Delta R.T.: -0.011 min
Response: 147899925
Conc: 49.24 ng/ml



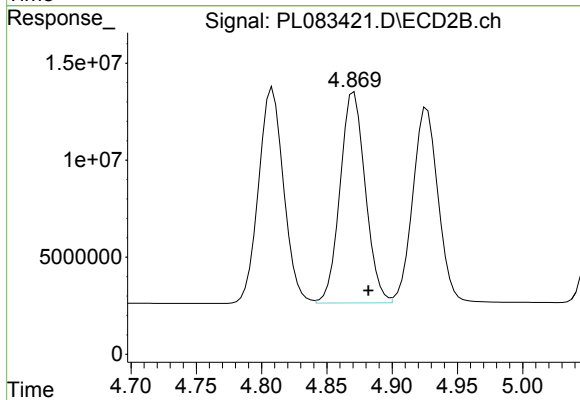
#11 alpha-Chlordane

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 168995185
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

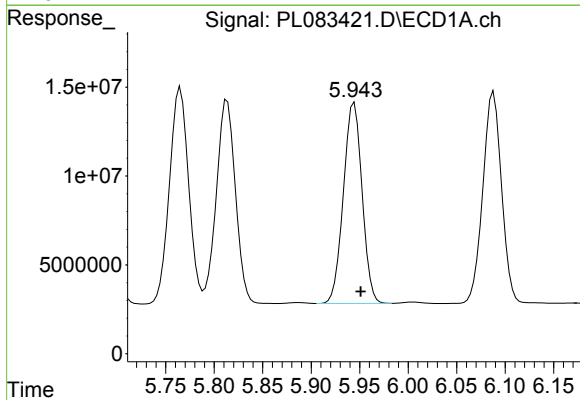
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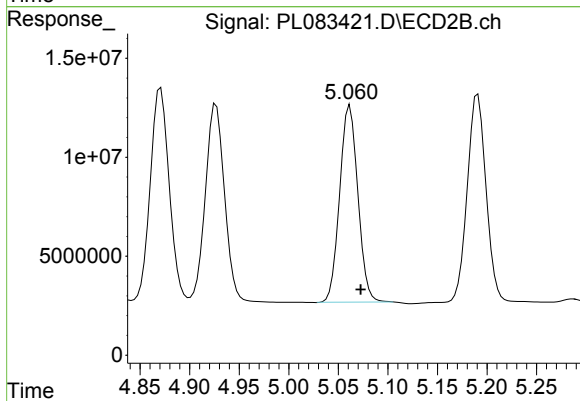
#11 alpha-Chlordane

R.T.: 4.871 min
Delta R.T.: -0.011 min
Response: 146189077
Conc: 48.70 ng/ml



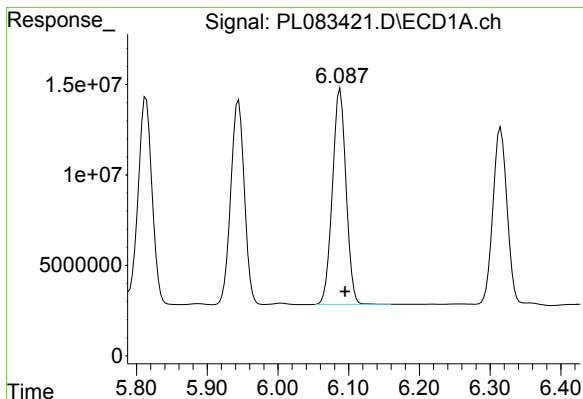
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 151081405
Conc: 54.81 ng/ml



#12 4,4'-DDE

R.T.: 5.060 min
Delta R.T.: -0.012 min
Response: 126972212
Conc: 52.28 ng/ml m



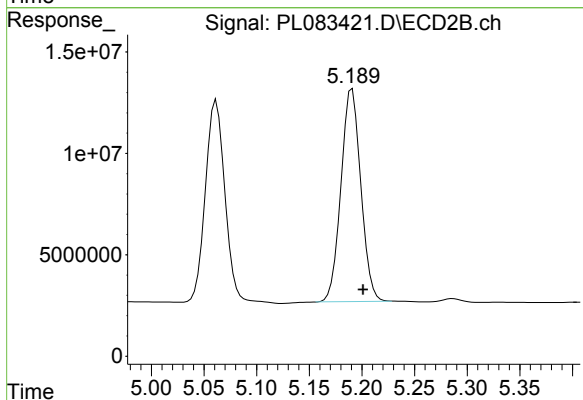
#13 Dieldrin

R.T.: 6.088 min
Delta R.T.: -0.007 min
Response: 159644488
Conc: 53.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

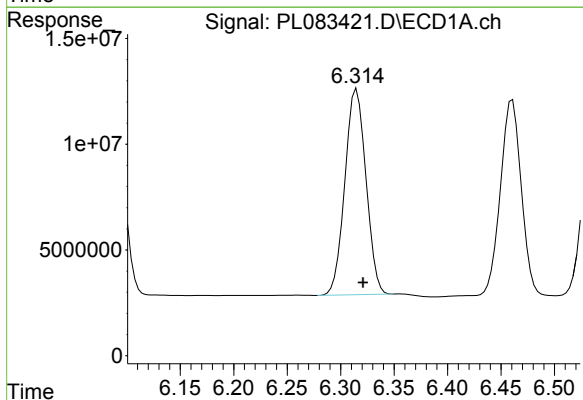
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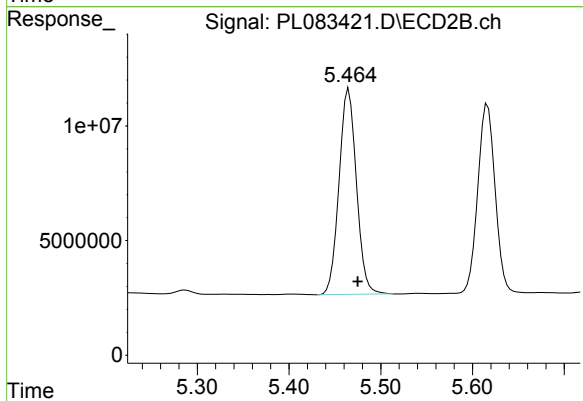
#13 Dieldrin

R.T.: 5.189 min
Delta R.T.: -0.012 min
Response: 137869000
Conc: 48.84 ng/ml m



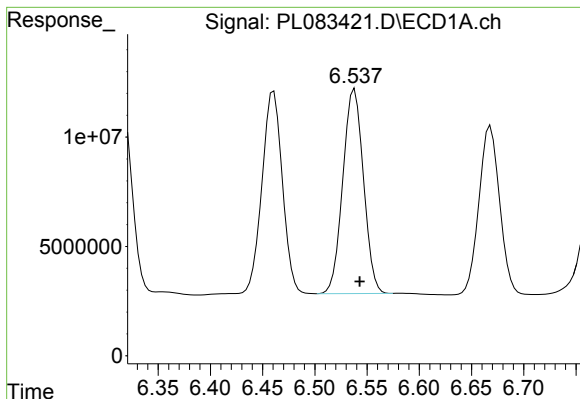
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 133773410
Conc: 49.78 ng/ml



#14 Endrin

R.T.: 5.464 min
Delta R.T.: -0.011 min
Response: 118050190
Conc: 46.53 ng/ml m



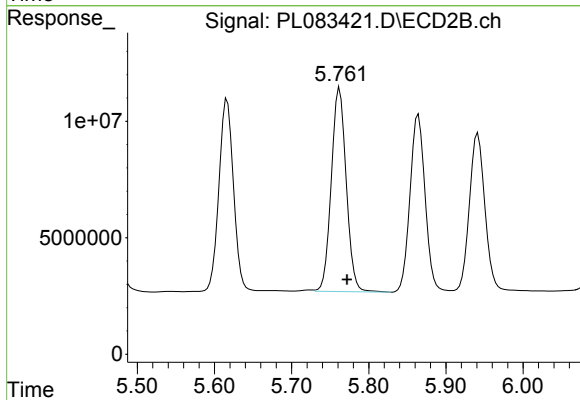
#15 Endosulfan II

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 128607235
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

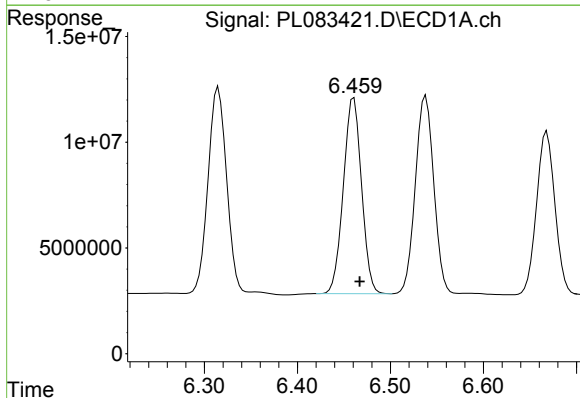
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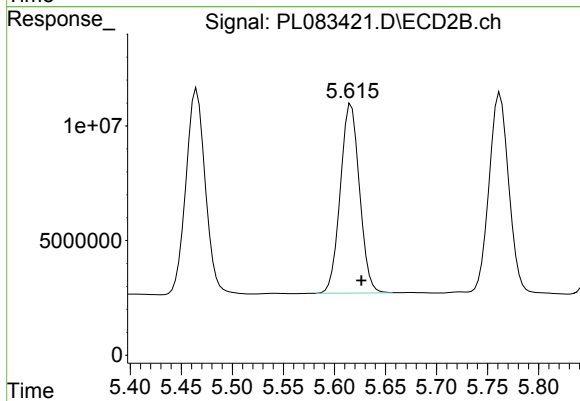
#15 Endosulfan II

R.T.: 5.762 min
Delta R.T.: -0.010 min
Response: 117984656
Conc: 47.69 ng/ml



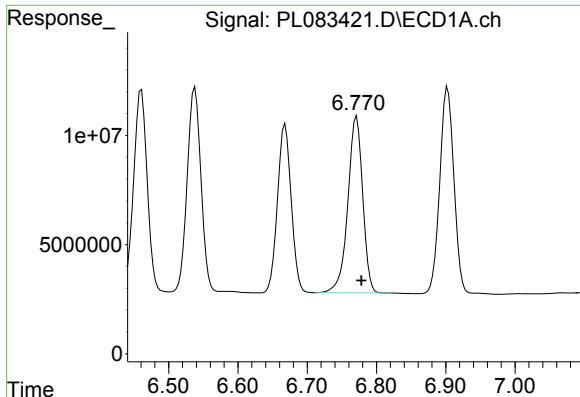
#16 4,4'-DDD

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 125689633
Conc: 57.84 ng/ml



#16 4,4'-DDD

R.T.: 5.615 min
Delta R.T.: -0.011 min
Response: 107911938
Conc: 56.11 ng/ml m



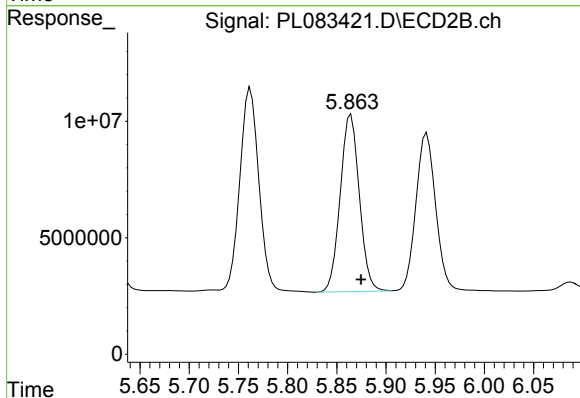
#17 4,4'-DDT

R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 120386269
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

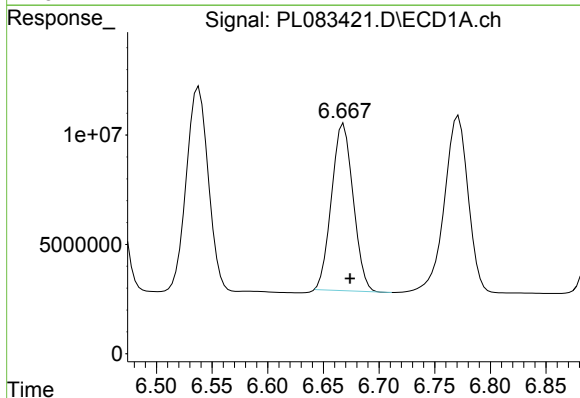
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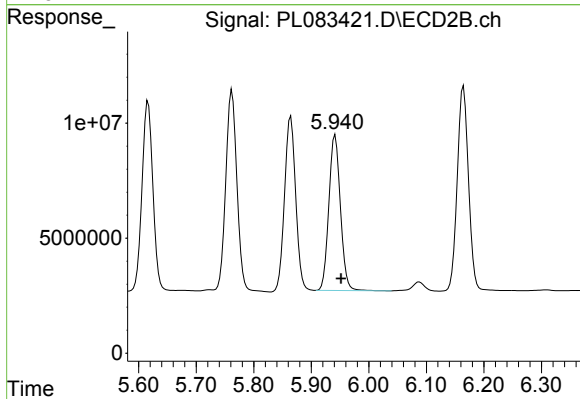
#17 4,4'-DDT

R.T.: 5.863 min
Delta R.T.: -0.012 min
Response: 102757631
Conc: 46.06 ng/ml m



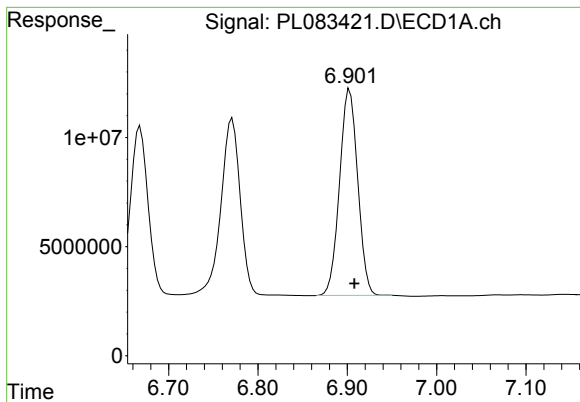
#18 Endrin aldehyde

R.T.: 6.668 min
Delta R.T.: -0.006 min
Response: 103223548
Conc: 51.34 ng/ml



#18 Endrin aldehyde

R.T.: 5.941 min
Delta R.T.: -0.010 min
Response: 94280441
Conc: 47.68 ng/ml



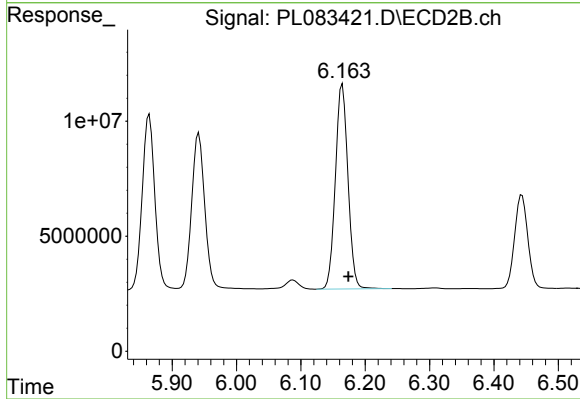
#19 Endosulfan Sulfate

R.T.: 6.903 min
Delta R.T.: -0.005 min
Response: 133689670
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

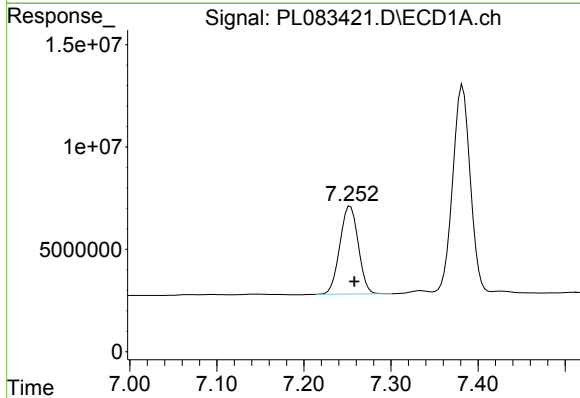
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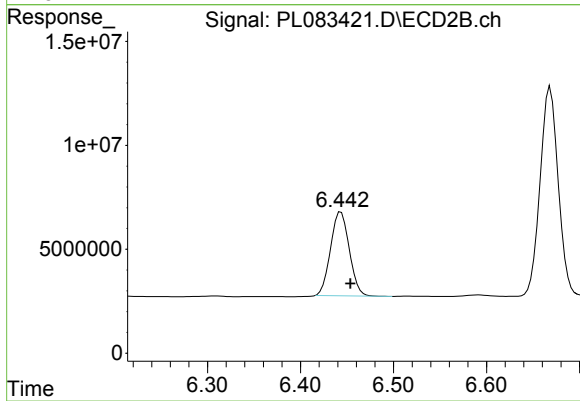
#19 Endosulfan Sulfate

R.T.: 6.165 min
Delta R.T.: -0.010 min
Response: 120841654
Conc: 49.34 ng/ml



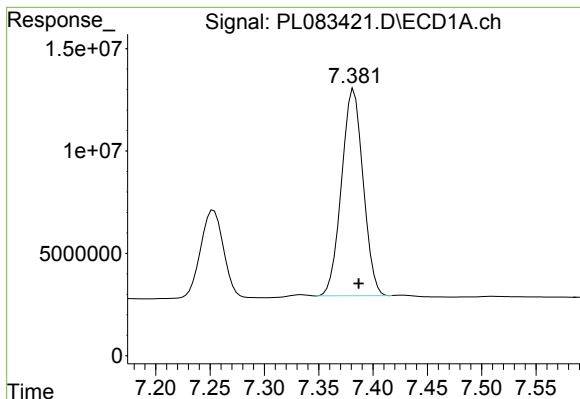
#20 Methoxychlor

R.T.: 7.253 min
Delta R.T.: -0.005 min
Response: 63197920
Conc: 47.79 ng/ml



#20 Methoxychlor

R.T.: 6.443 min
Delta R.T.: -0.010 min
Response: 56445518
Conc: 44.38 ng/ml



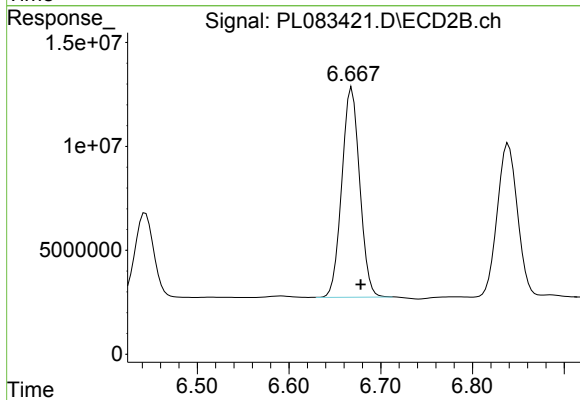
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 139608572
Conc: 54.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

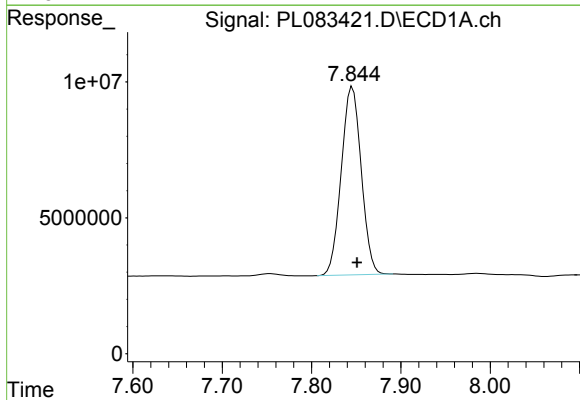
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



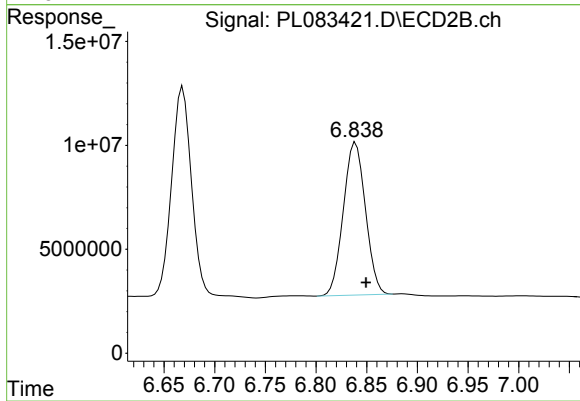
#21 Endrin ketone

R.T.: 6.667 min
Delta R.T.: -0.011 min
Response: 136622655
Conc: 50.53 ng/ml m



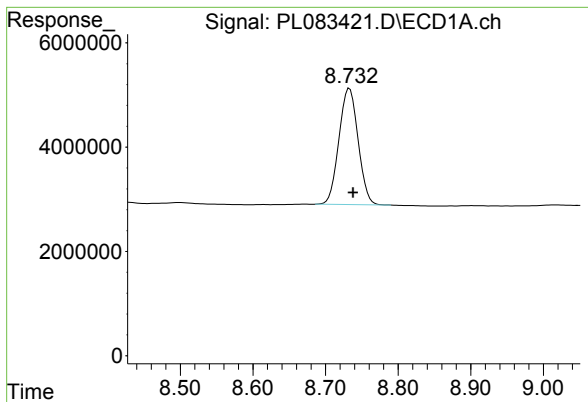
#22 Mirex

R.T.: 7.846 min
Delta R.T.: -0.005 min
Response: 107553381
Conc: 51.31 ng/ml



#22 Mirex

R.T.: 6.838 min
Delta R.T.: -0.012 min
Response: 111512725
Conc: 47.66 ng/ml m



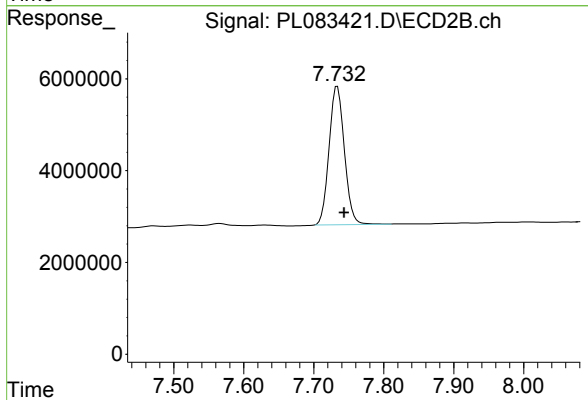
#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: -0.005 min
Response: 40851937
Conc: 19.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153421BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.734 min
Delta R.T.: -0.010 min
Response: 45781758
Conc: 18.41 ng/ml