

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
 Data File : PL080612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2023 11:45
 Operator : AR\AJ
 Sample : PB150570BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150570BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/01/2023
 Supervised By : Ankita Jodhani 02/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 14:30:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.359	2.687	48322561	49228718	22.530	22.413
28)	SA Decachlor...	8.796	7.837	43310708	55434216	24.738	23.267
Target Compounds							
2)	A alpha-BHC	3.808	3.188	148.8E6	142.6E6	46.985	44.844
3)	MA gamma-BHC...	4.136	3.517	137.5E6	133.7E6	46.764	44.743
4)	MA Heptachlor	4.720	3.858	138.5E6	140.5E6	46.872	44.134
5)	MB Aldrin	5.058	4.138	129.5E6	133.8E6	47.353	45.351
6)	B beta-BHC	4.332	3.813	58881870	56830075	43.136	42.581
7)	B delta-BHC	4.575	4.043	137.1E6	128.9E6	47.358	44.693
8)	B Heptachlo...	5.482	4.640	118.9E6	124.2E6	45.957	44.639
9)	A Endosulfan I	5.864	5.010	107.9E6	113.8E6	45.708	43.754
10)	B gamma-Chl...	5.737	4.890	118.9E6	126.9E6	47.079	44.775m
11)	B alpha-Chl...	5.816	4.956	117.2E6	123.8E6	46.423	43.210
12)	B 4,4'-DDE	5.994	5.149	103.6E6	103.1E6	46.500	43.726
13)	MA Dieldrin	6.138	5.275	115.0E6	121.8E6	48.053	45.023
14)	MA Endrin	6.365	5.549	100.5E6	111.9E6	46.467	48.209
15)	B Endosulfa...	6.584	5.844	102.1E6	104.9E6	44.525	50.342
16)	A 4,4'-DDD	6.508	5.702	85776096	85405575	46.821	45.448
17)	MA 4,4'-DDT	6.820	5.954	91470713	92214347	44.026	43.881
18)	B Endrin al...	6.714	6.025	83302419	87665196	50.079	48.007
19)	B Endosulfa...	6.947	6.247	98235390	105.7E6	47.459	45.462
20)	A Methoxychlor	7.298	6.532	51223789	52706076	46.428	43.434
21)	B Endrin ke...	7.426	6.752	106.2E6	117.8E6	48.117	46.132
22)	Mirex	7.898	6.935	83639922	105.7E6	48.634	46.421

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

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Data File : PL080612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2023 11:45
Operator : AR\AJ
Sample : PB150570BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB150570BS

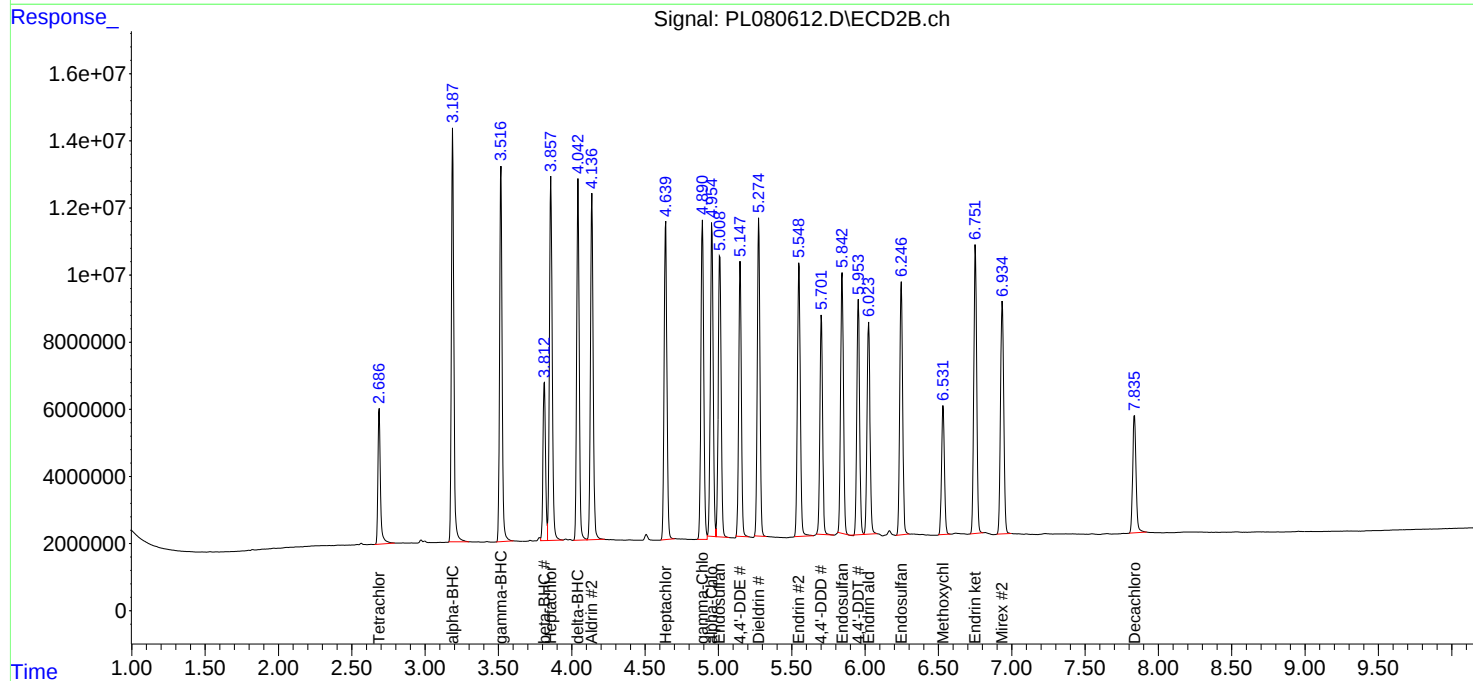
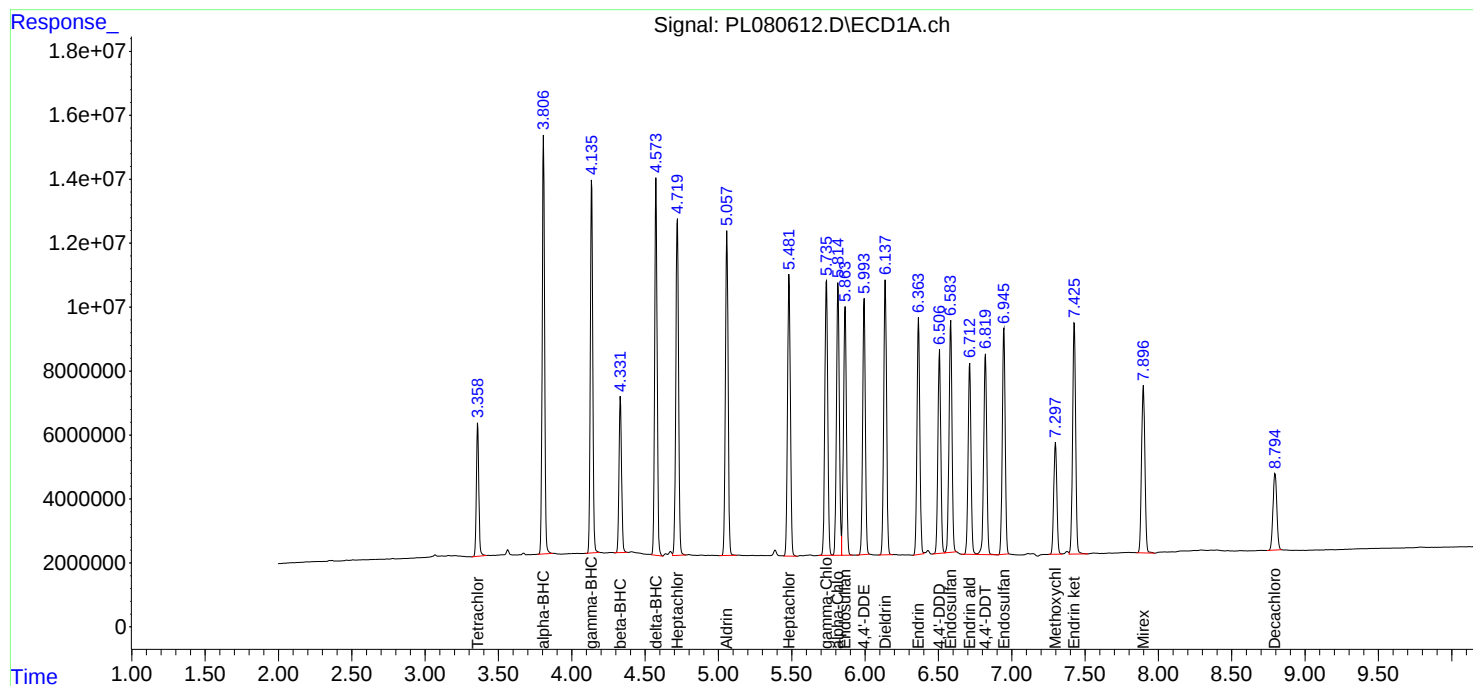
Manual Integrations

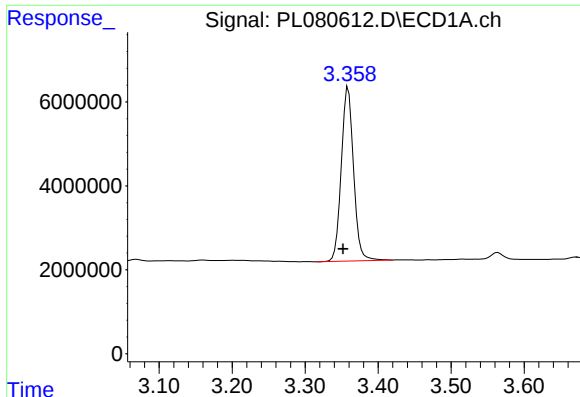
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Supervised By :Ankita Jodhani 02/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 14:30:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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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





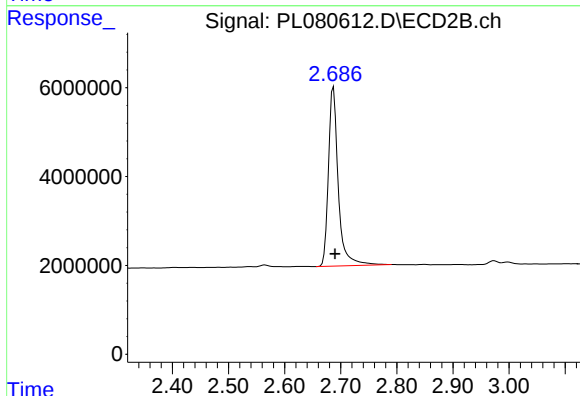
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: 0.007 min
Response: 48322561
Conc: 22.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

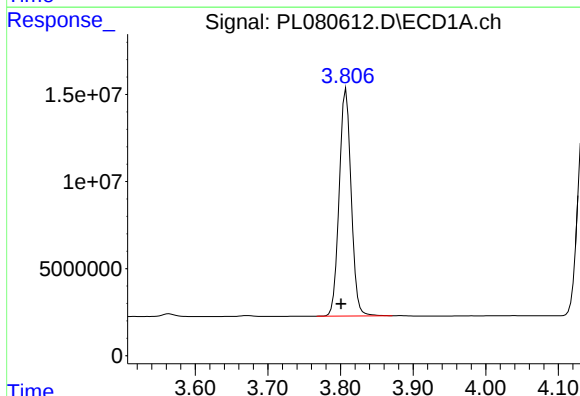
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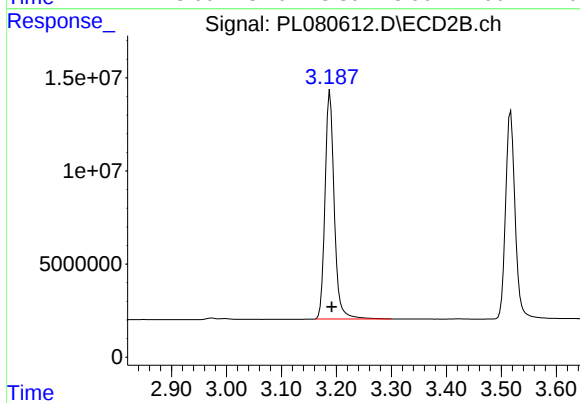
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.003 min
Response: 49228718
Conc: 22.41 ng/ml



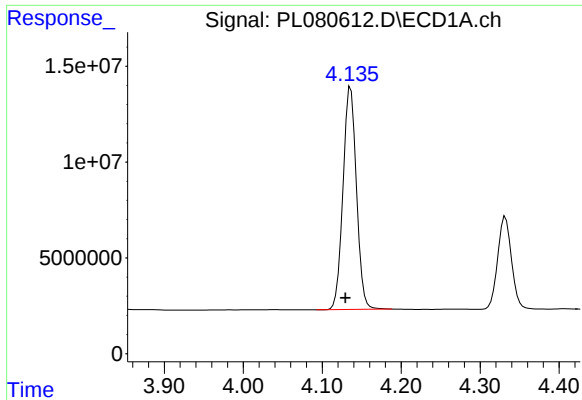
#2 alpha-BHC

R.T.: 3.808 min
Delta R.T.: 0.007 min
Response: 148849389
Conc: 46.98 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.003 min
Response: 142621056
Conc: 44.84 ng/ml



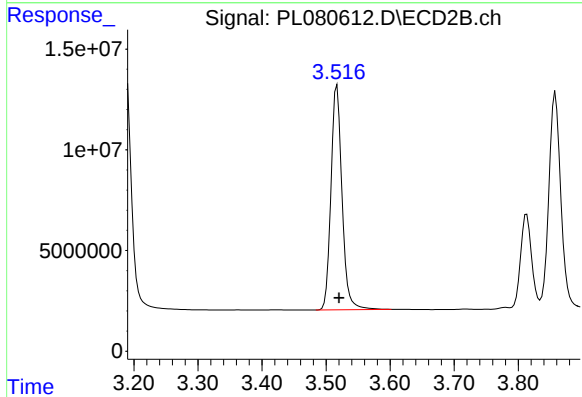
#3 gamma-BHC (Lindane)

R.T.: 4.136 min
Delta R.T.: 0.007 min
Response: 137475990
Conc: 46.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

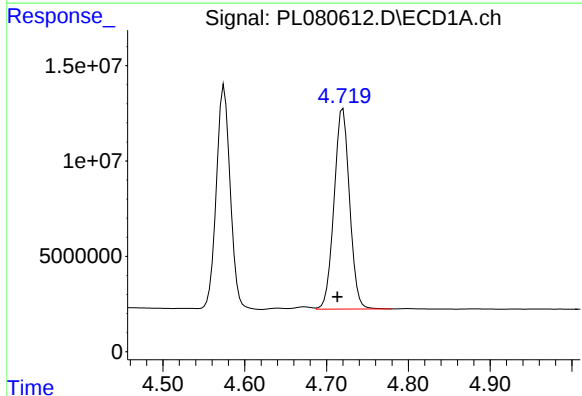
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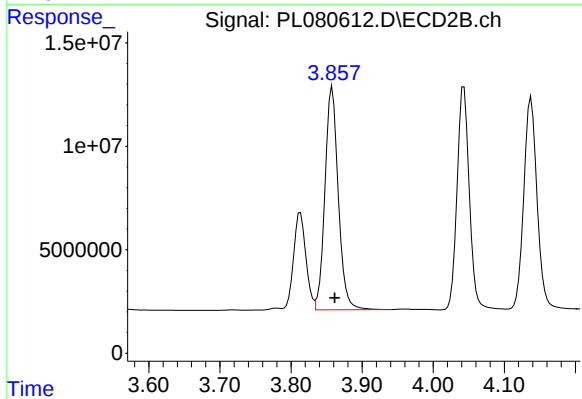
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 133659739
Conc: 44.74 ng/ml



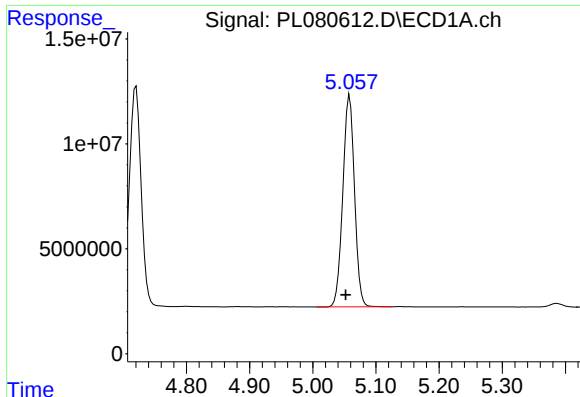
#4 Heptachlor

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 138516260
Conc: 46.87 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 140450550
Conc: 44.13 ng/ml



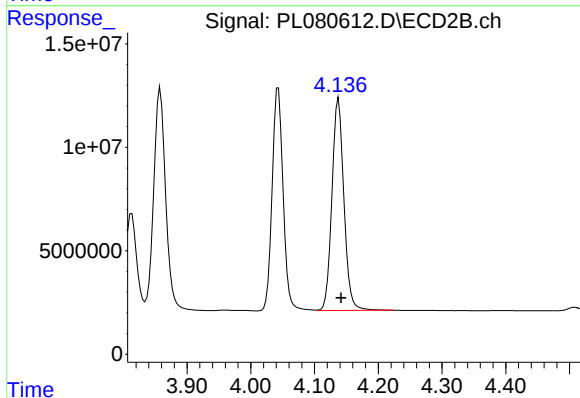
#5 Aldrin

R.T.: 5.058 min
Delta R.T.: 0.006 min
Response: 129547171
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

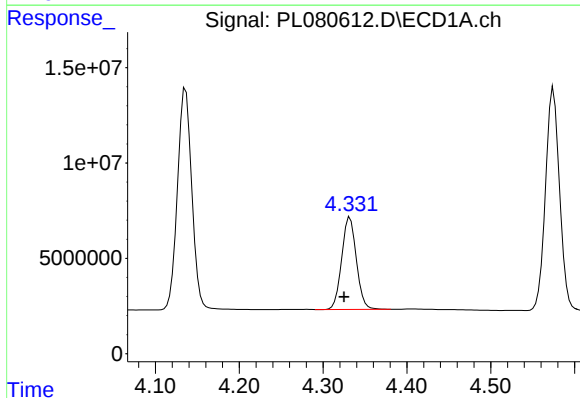
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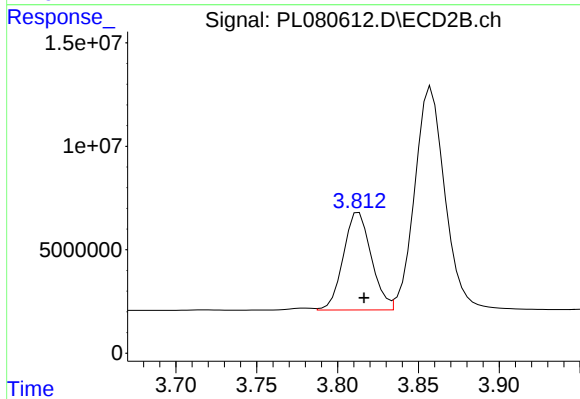
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 133766400
Conc: 45.35 ng/ml



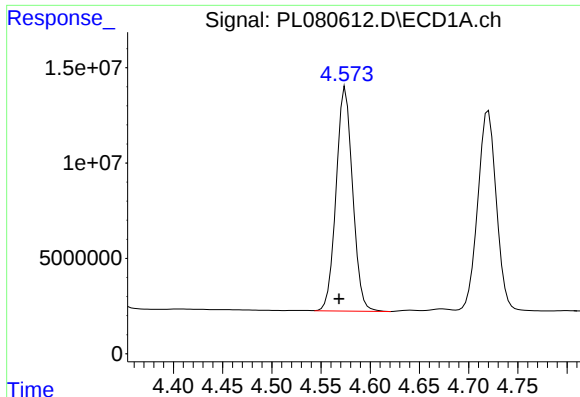
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.007 min
Response: 58881870
Conc: 43.14 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 56830075
Conc: 42.58 ng/ml



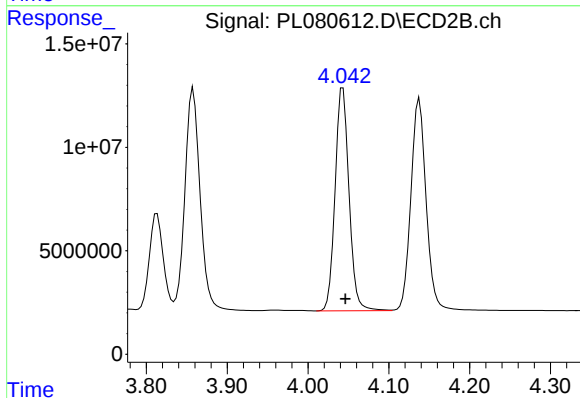
#7 delta-BHC

R.T.: 4.575 min
Delta R.T.: 0.006 min
Response: 137102539
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

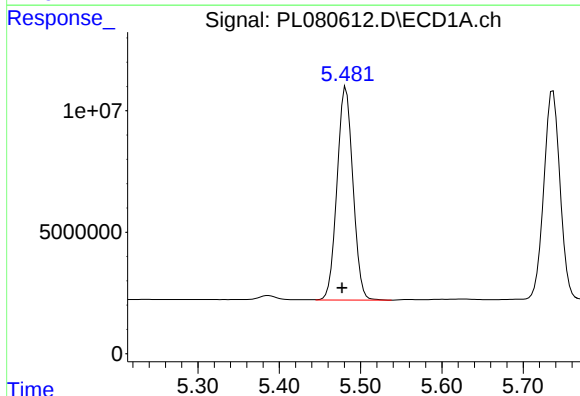
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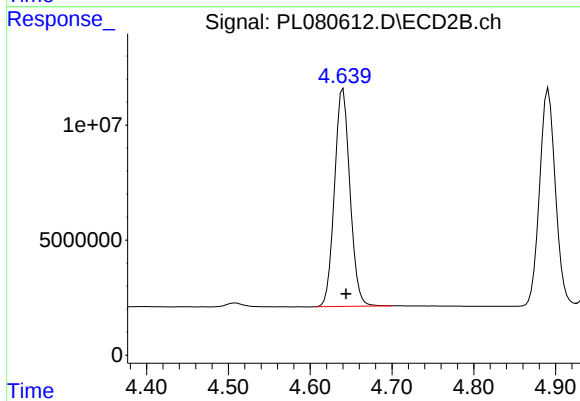
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 128913468
Conc: 44.69 ng/ml



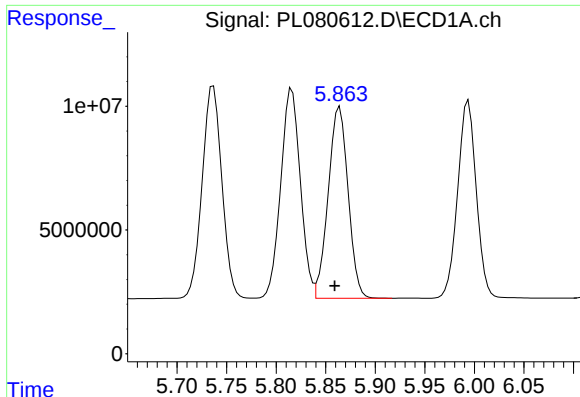
#8 Heptachlor epoxide

R.T.: 5.482 min
Delta R.T.: 0.005 min
Response: 118892336
Conc: 45.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 124200501
Conc: 44.64 ng/ml



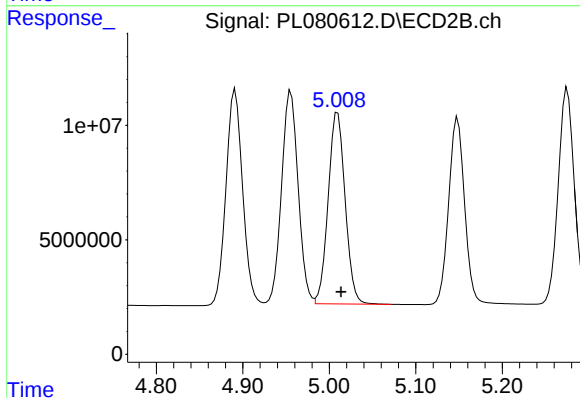
#9 Endosulfan I

R.T.: 5.864 min
Delta R.T.: 0.005 min
Response: 107938360
Conc: 45.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

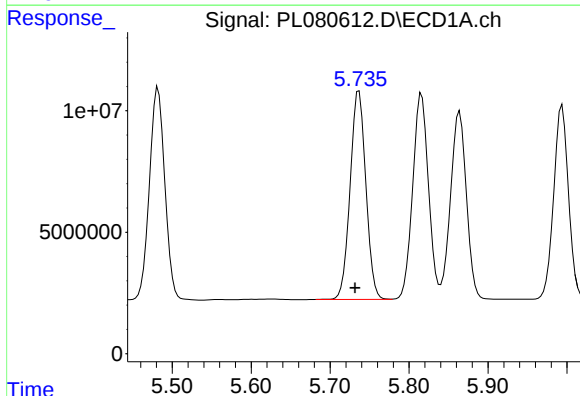
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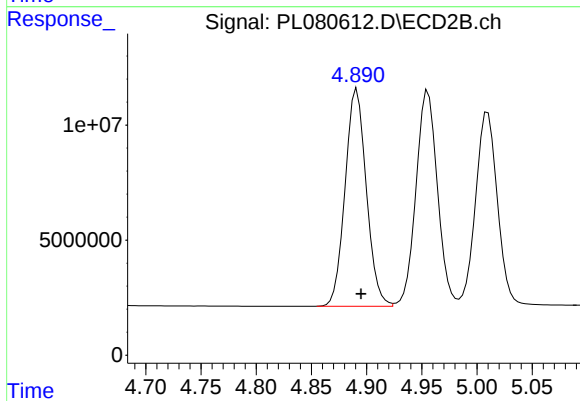
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 113817599
Conc: 43.75 ng/ml



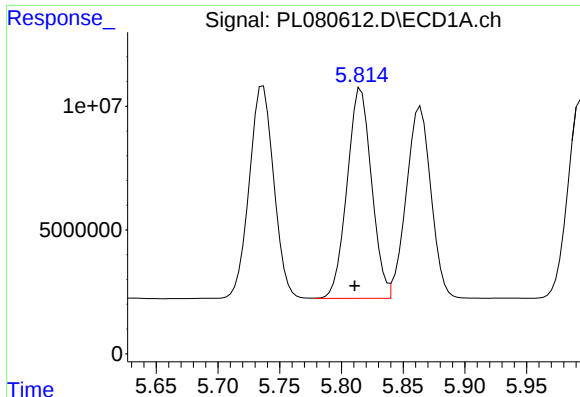
#10 gamma-Chlordane

R.T.: 5.737 min
Delta R.T.: 0.005 min
Response: 118909537
Conc: 47.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 126901697
Conc: 44.77 ng/ml m



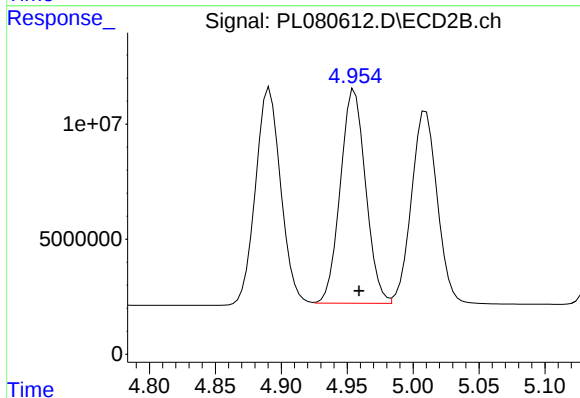
#11 alpha-Chlordane

R.T.: 5.816 min
Delta R.T.: 0.005 min
Response: 117182803
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

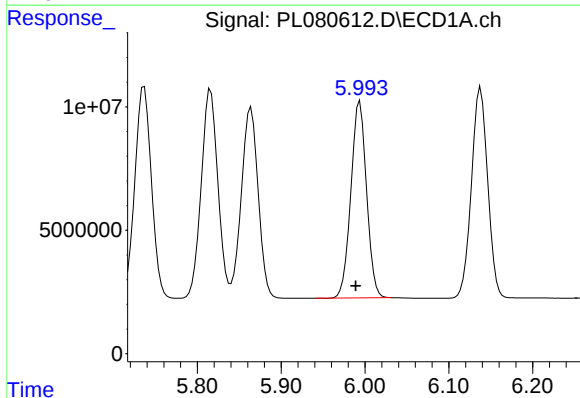
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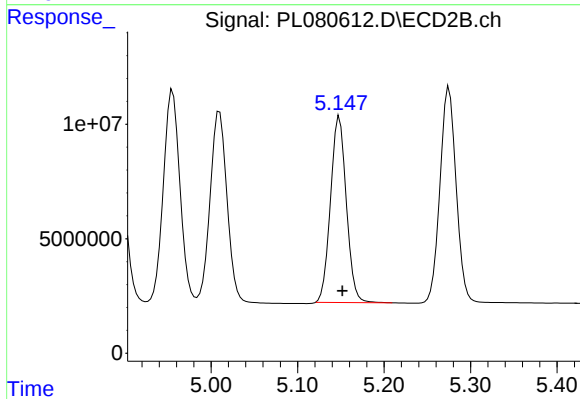
#11 alpha-Chlordane

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 123783314
Conc: 43.21 ng/ml



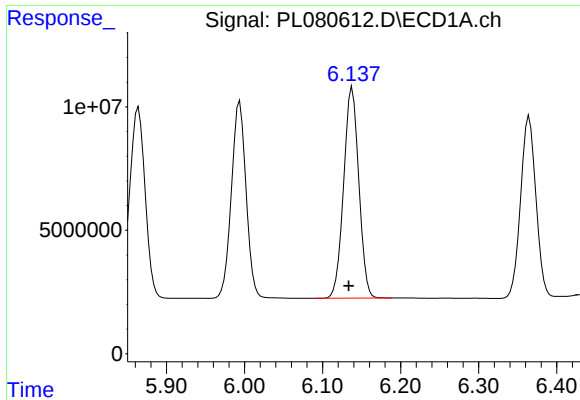
#12 4,4'-DDE

R.T.: 5.994 min
Delta R.T.: 0.005 min
Response: 103571143
Conc: 46.50 ng/ml



#12 4,4'-DDE

R.T.: 5.149 min
Delta R.T.: -0.003 min
Response: 103141678
Conc: 43.73 ng/ml



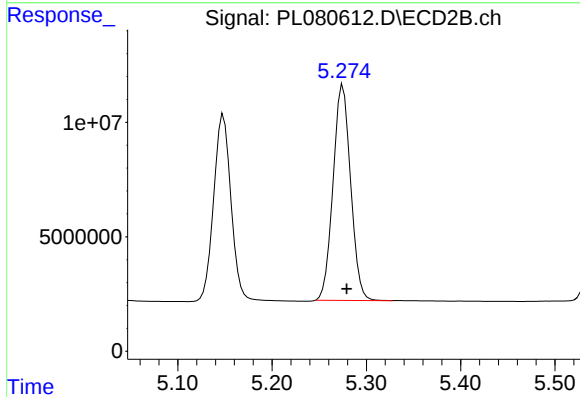
#13 Dieldrin

R.T.: 6.138 min
Delta R.T.: 0.005 min
Response: 115008298
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

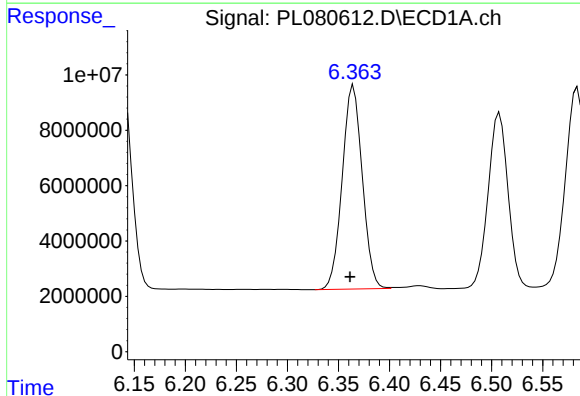
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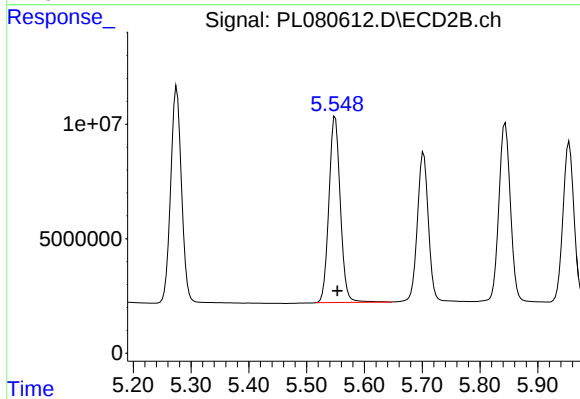
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 121786142
Conc: 45.02 ng/ml



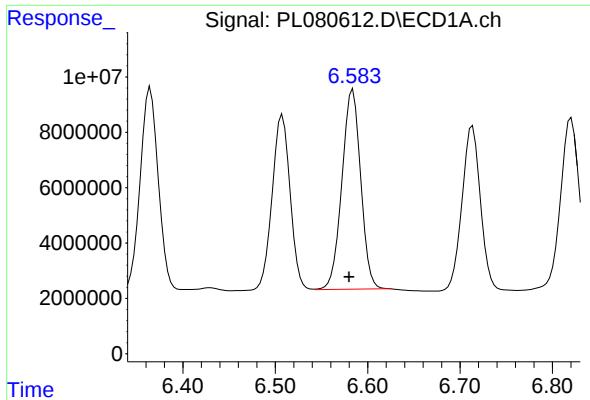
#14 Endrin

R.T.: 6.365 min
Delta R.T.: 0.003 min
Response: 100493852
Conc: 46.47 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 111900752
Conc: 48.21 ng/ml



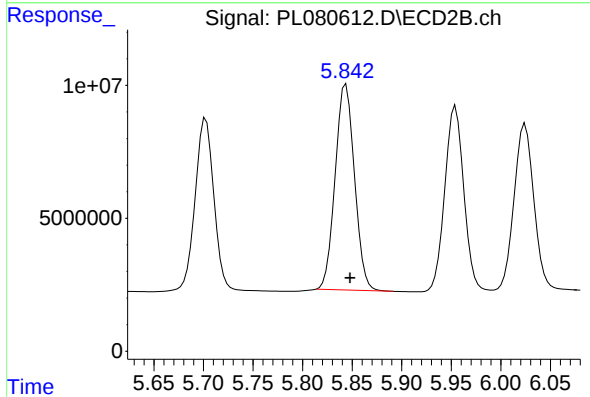
#15 Endosulfan II

R.T.: 6.584 min
Delta R.T.: 0.004 min
Response: 102066739
Conc: 44.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

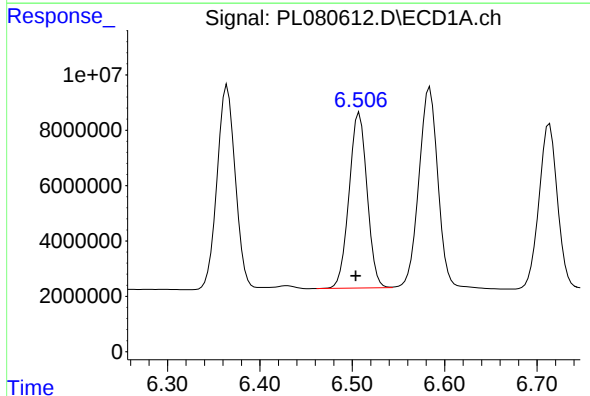
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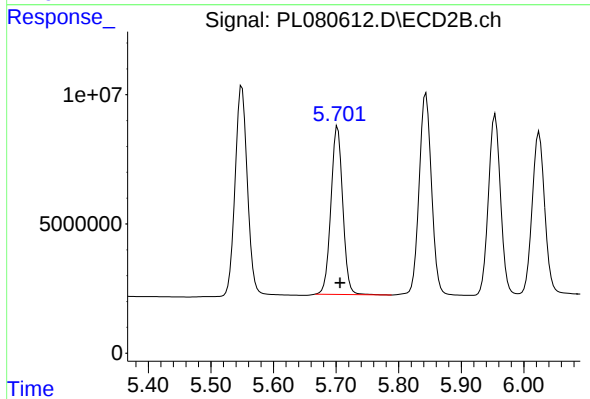
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 104899484
Conc: 50.34 ng/ml



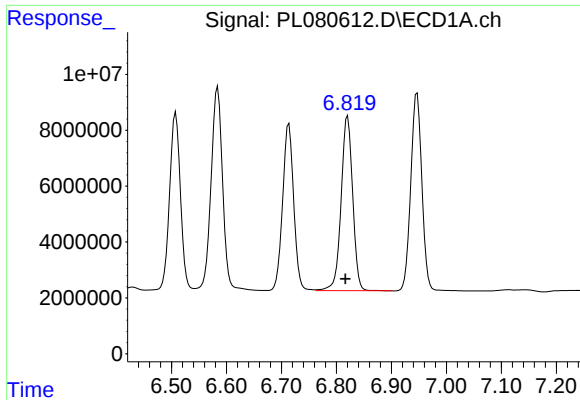
#16 4,4'-DDD

R.T.: 6.508 min
Delta R.T.: 0.004 min
Response: 85776096
Conc: 46.82 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 85405575
Conc: 45.45 ng/ml



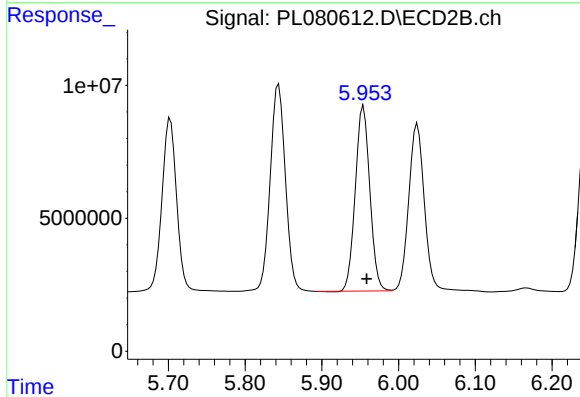
#17 4,4'-DDT

R.T.: 6.820 min
Delta R.T.: 0.004 min
Response: 91470713
Conc: 44.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

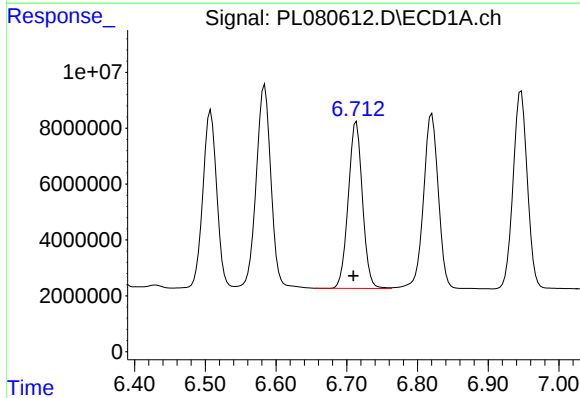
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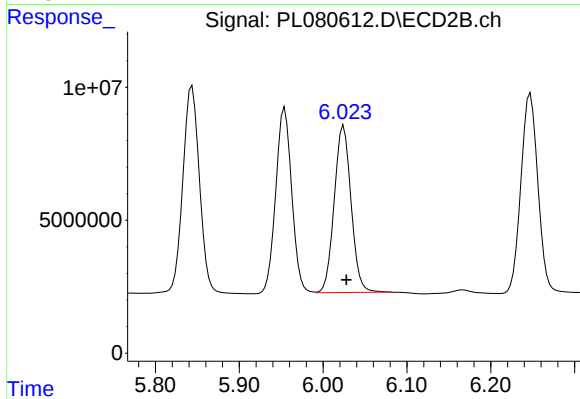
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 92214347
Conc: 43.88 ng/ml



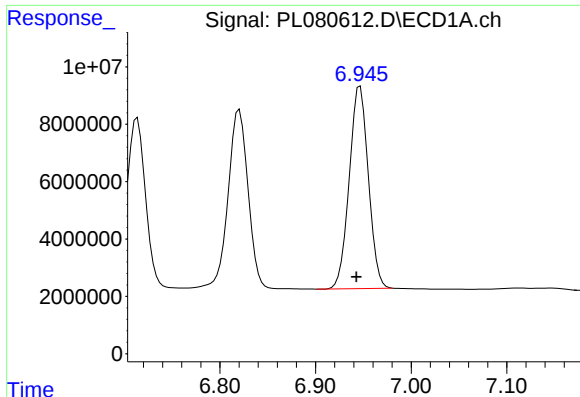
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.004 min
Response: 83302419
Conc: 50.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 87665196
Conc: 48.01 ng/ml



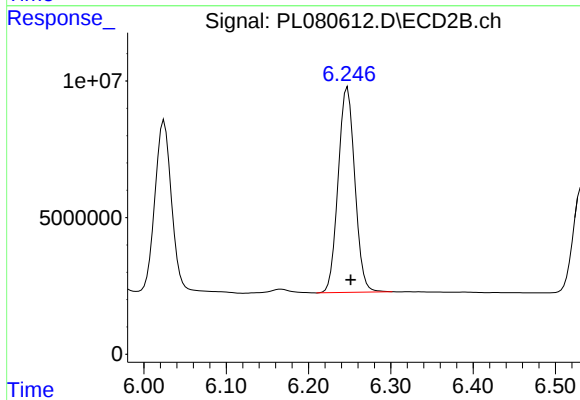
#19 Endosulfan Sulfate

R.T.: 6.947 min
Delta R.T.: 0.004 min
Response: 98235390
Conc: 47.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

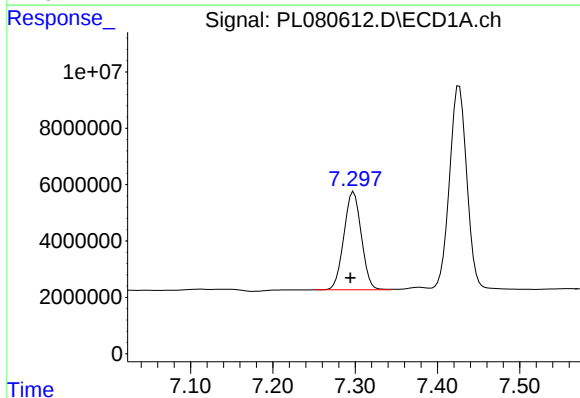
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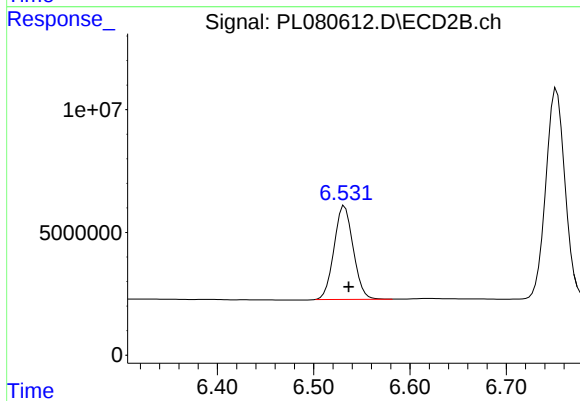
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 105729890
Conc: 45.46 ng/ml



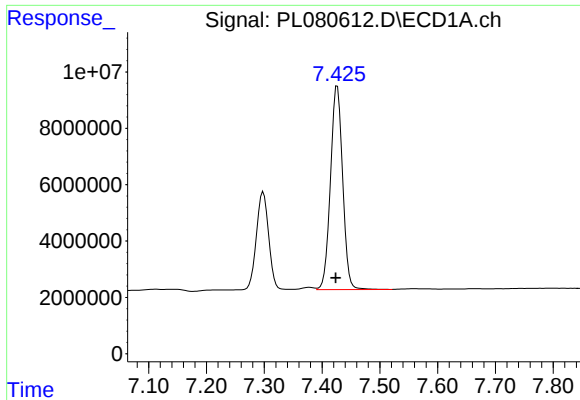
#20 Methoxychlor

R.T.: 7.298 min
Delta R.T.: 0.004 min
Response: 51223789
Conc: 46.43 ng/ml



#20 Methoxychlor

R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 52706076
Conc: 43.43 ng/ml



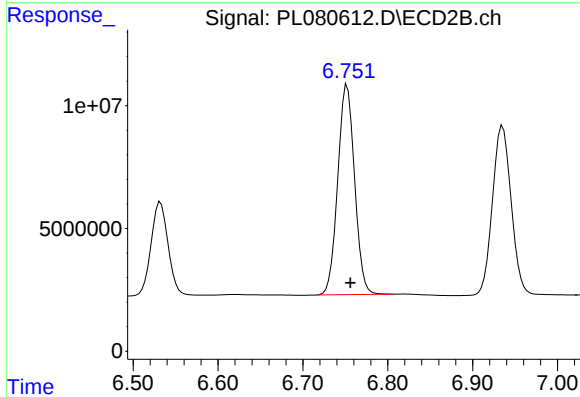
#21 Endrin ketone

R.T.: 7.426 min
Delta R.T.: 0.003 min
Response: 106162437
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

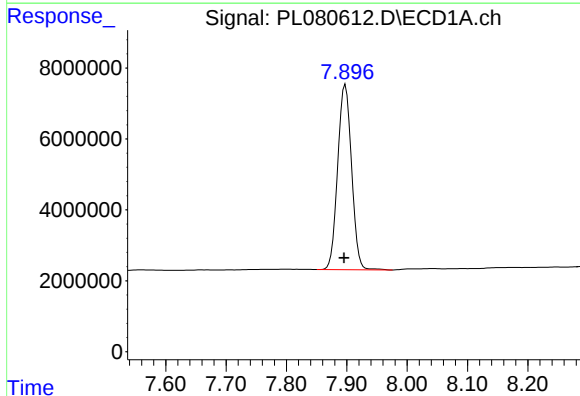
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/01/2023
Supervised By :Ankita Jodhani 02/01/2023



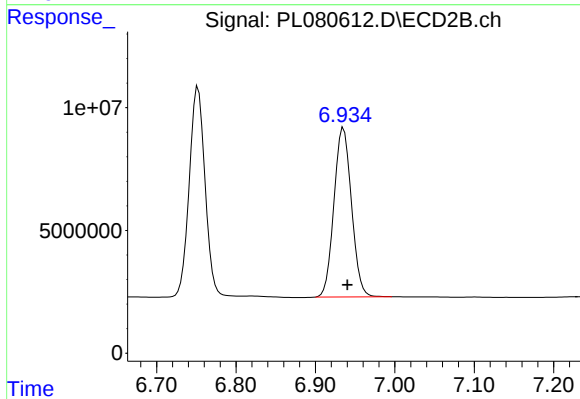
#21 Endrin ketone

R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 117784430
Conc: 46.13 ng/ml



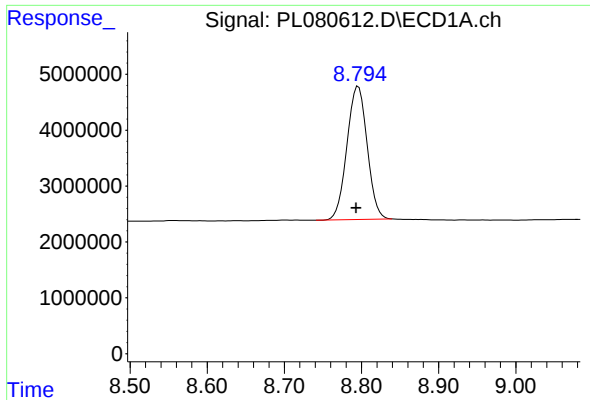
#22 Mirex

R.T.: 7.898 min
Delta R.T.: 0.002 min
Response: 83639922
Conc: 48.63 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 105687765
Conc: 46.42 ng/ml



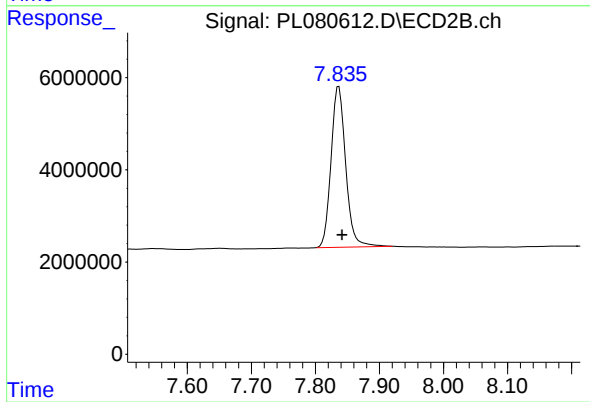
#28 Decachlorobiphenyl

R.T.: 8.796 min
Delta R.T.: 0.003 min
Response: 43310708
Conc: 24.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150570BS

Manual Integrations
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Supervised By :Ankita Jodhani 02/01/2023



#28 Decachlorobiphenyl

R.T.: 7.837 min
Delta R.T.: -0.005 min
Response: 55434216
Conc: 23.27 ng/ml