

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071423\
 Data File : PL083912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2023 15:20
 Operator : AR\AJ
 Sample : PB154191BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB154191BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/17/2023
 Supervised By : Ankita Jodhani 07/17/2023

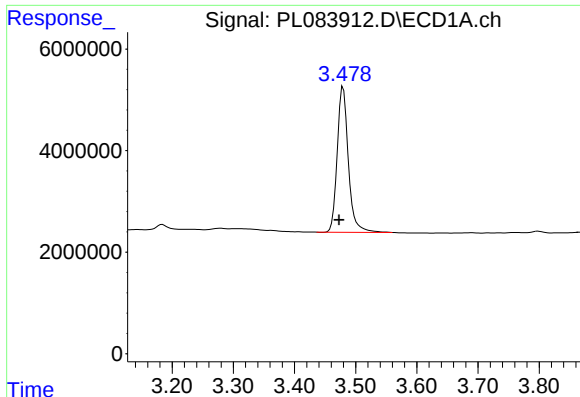
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 15:09:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.480	2.688	36318859	19047142	18.160	17.151
28)	SA Decachlor...	9.026	7.872	24786943	20334224	19.043	18.301
Target Compounds							
2)	A alpha-BHC	3.937	3.193	154.9E6	81576734	52.872	50.736
3)	MA gamma-BHC...	4.271	3.524	140.0E6	75359625	49.552	49.556
4)	MA Heptachlor	4.863	3.866	160.8E6	68349286	59.181	57.998
5)	MB Aldrin	5.206	4.146	150.8E6	74418210	52.664	49.354
6)	B beta-BHC	4.470	3.826	60889871	33381635	50.748	50.574
7)	B delta-BHC	4.716	4.054	145.5E6	75891130	54.581	50.171
8)	B Heptachlo...	5.635	4.652	136.6E6	66719415	51.159	51.955
9)	A Endosulfan I	6.021	5.023	119.4E6	63990606	50.416	52.172
10)	B gamma-Chl...	5.892	4.905	132.0E6	69758857	51.137	52.365
11)	B alpha-Chl...	5.972	4.970	127.7E6	69218515	50.235	51.382
12)	B 4,4'-DDE	6.151	5.168	107.5E6	65452660	53.433	53.285
13)	MA Dieldrin	6.297	5.290	114.6E6	66896070	47.962	51.366
14)	MA Endrin	6.527	5.565	88084120	56621411	46.252	51.510
15)	B Endosulfa...	6.745	5.862	89040089	56278058	47.506m	48.965
16)	A 4,4'-DDD	6.668	5.726	83938714	55431499	57.158	57.781
17)	MA 4,4'-DDT	6.984	5.978	81665467	50184232	51.207	55.099
18)	B Endrin al...	6.877	6.045	72616369	46022324	49.564	51.196
19)	B Endosulfa...	7.113	6.269	86284499	57331365	49.913	52.166
20)	A Methoxychlor	7.465	6.562	37858645	26224016	48.399	54.720
21)	B Endrin ke...	7.597	6.774	85630182	68692619	48.863	53.164
22)	Mirex	8.073	6.955	66956559	51901480	46.792	50.850

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



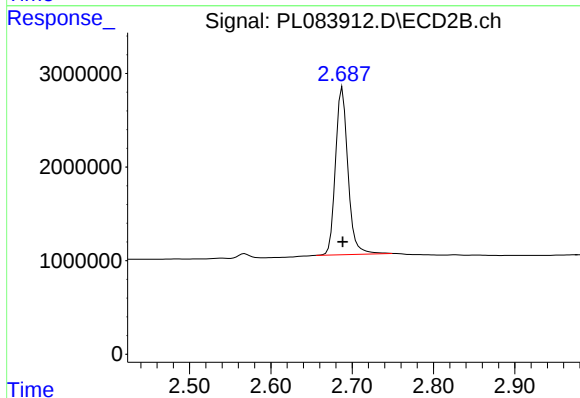
#1 Tetrachloro-m-xylene

R.T.: 3.480 min
Delta R.T.: 0.007 min
Response: 36318859
Conc: 18.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

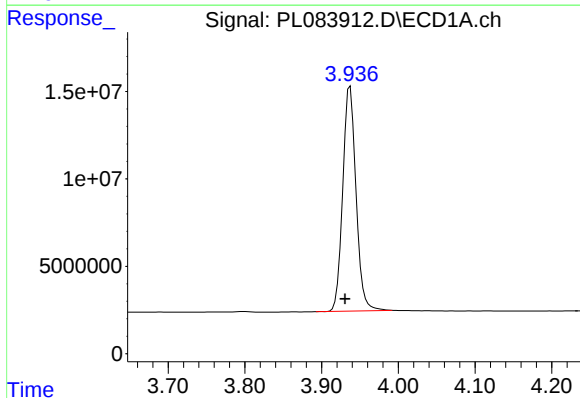
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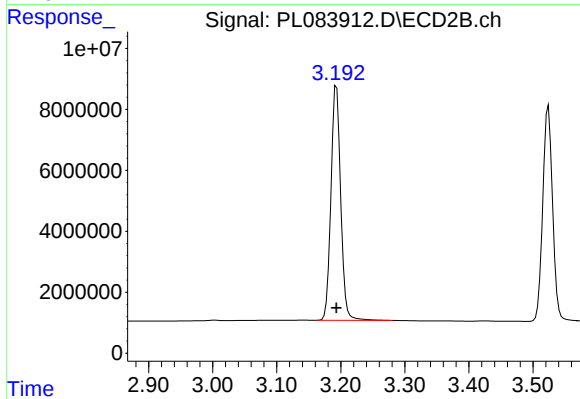
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 19047142
Conc: 17.15 ng/ml



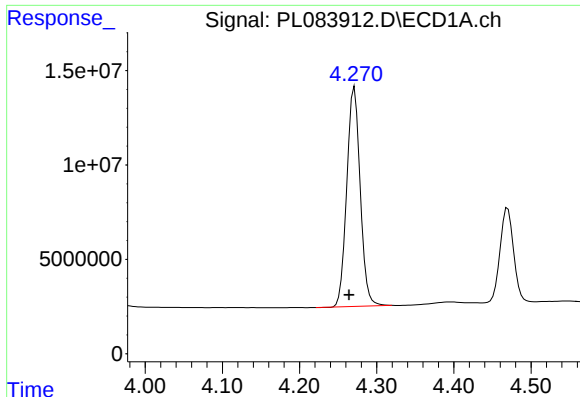
#2 alpha-BHC

R.T.: 3.937 min
Delta R.T.: 0.007 min
Response: 154904621
Conc: 52.87 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 81576734
Conc: 50.74 ng/ml



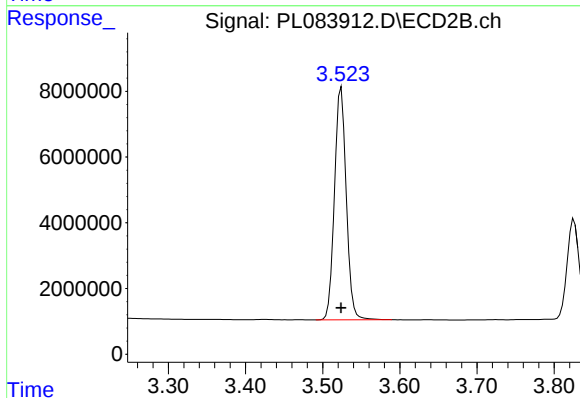
#3 gamma-BHC (Lindane)

R.T.: 4.271 min
Delta R.T.: 0.007 min
Response: 140002474
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

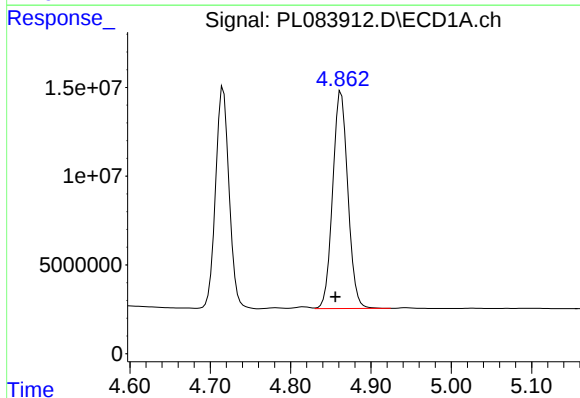
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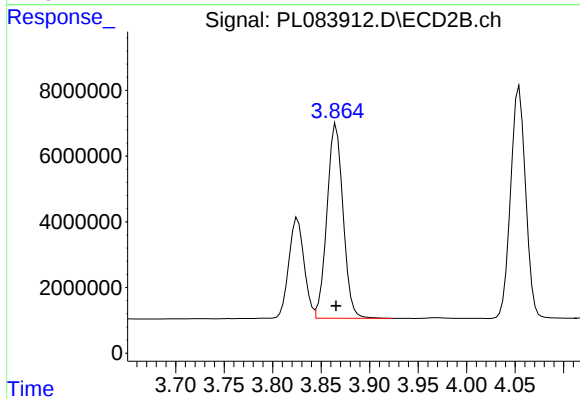
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 75359625
Conc: 49.56 ng/ml



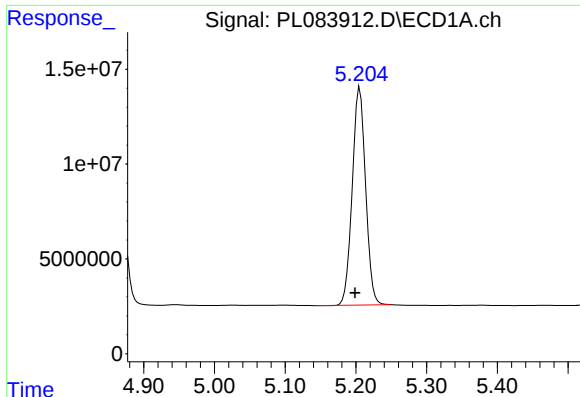
#4 Heptachlor

R.T.: 4.863 min
Delta R.T.: 0.007 min
Response: 160830203
Conc: 59.18 ng/ml



#4 Heptachlor

R.T.: 3.866 min
Delta R.T.: 0.000 min
Response: 68349286
Conc: 58.00 ng/ml



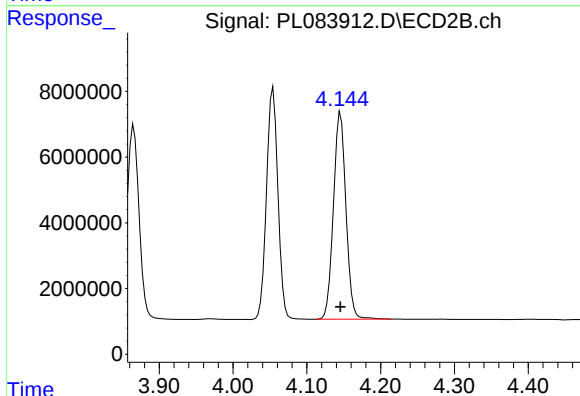
#5 Aldrin

R.T.: 5.206 min
Delta R.T.: 0.007 min
Response: 150840172
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

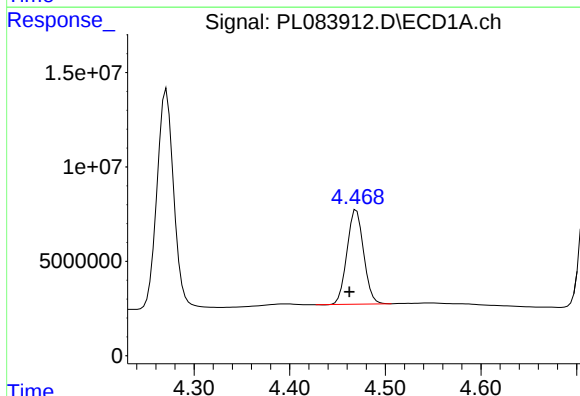
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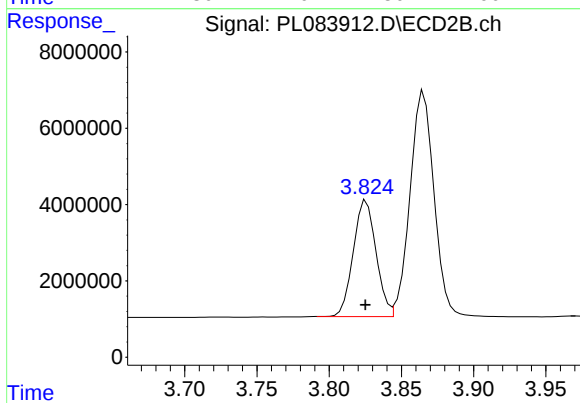
#5 Aldrin

R.T.: 4.146 min
Delta R.T.: 0.000 min
Response: 74418210
Conc: 49.35 ng/ml



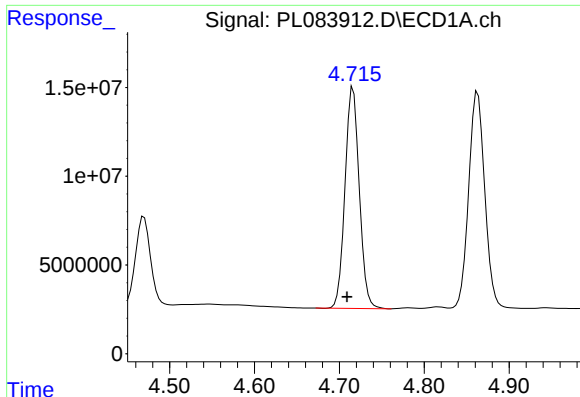
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.007 min
Response: 60889871
Conc: 50.75 ng/ml



#6 beta-BHC

R.T.: 3.826 min
Delta R.T.: 0.000 min
Response: 33381635
Conc: 50.57 ng/ml



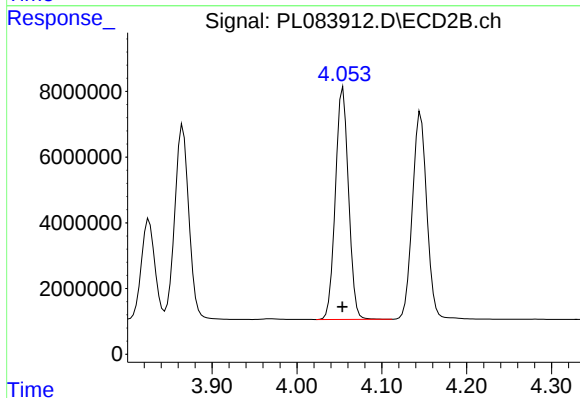
#7 delta-BHC

R.T.: 4.716 min
Delta R.T.: 0.007 min
Response: 145501490
Conc: 54.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

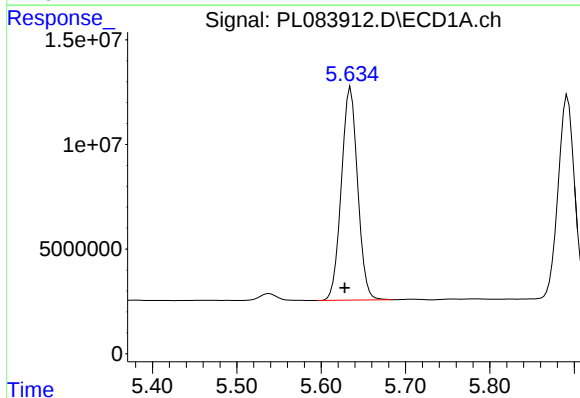
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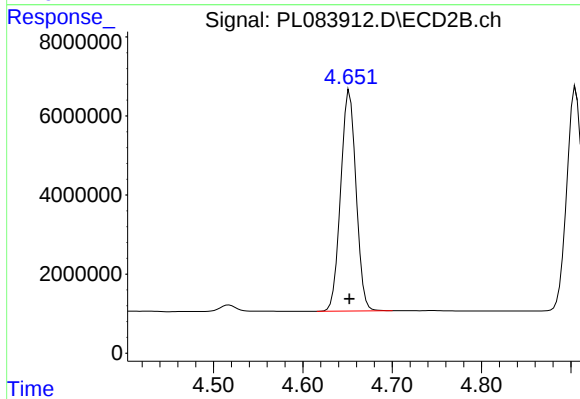
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 75891130
Conc: 50.17 ng/ml



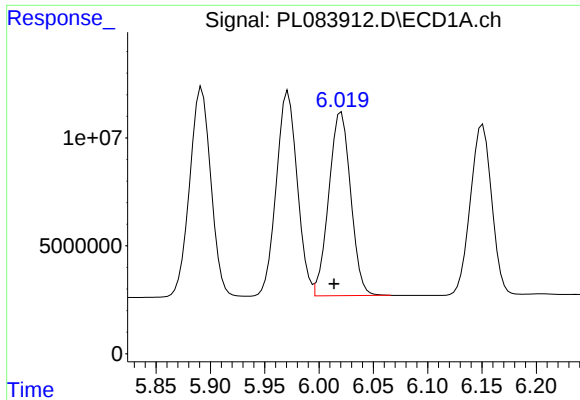
#8 Heptachlor epoxide

R.T.: 5.635 min
Delta R.T.: 0.007 min
Response: 136574539
Conc: 51.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 66719415
Conc: 51.95 ng/ml



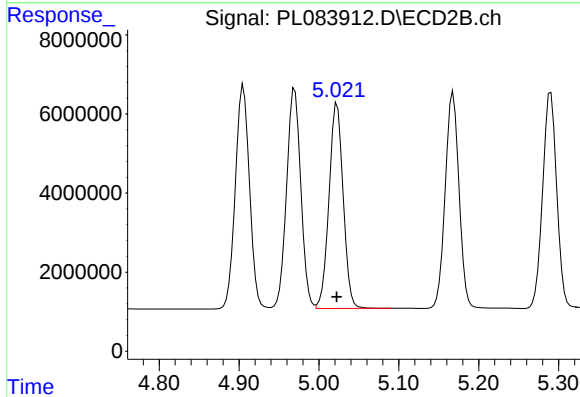
#9 Endosulfan I

R.T.: 6.021 min
Delta R.T.: 0.007 min
Response: 119394215
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

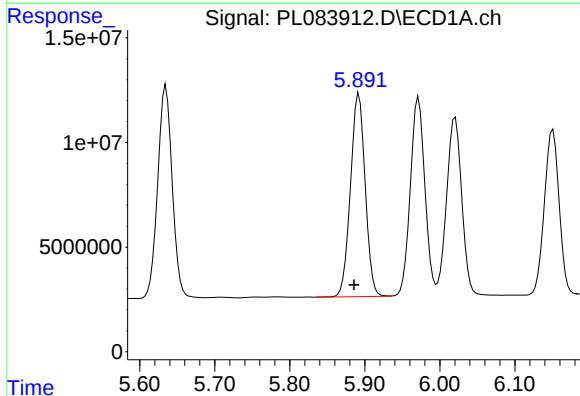
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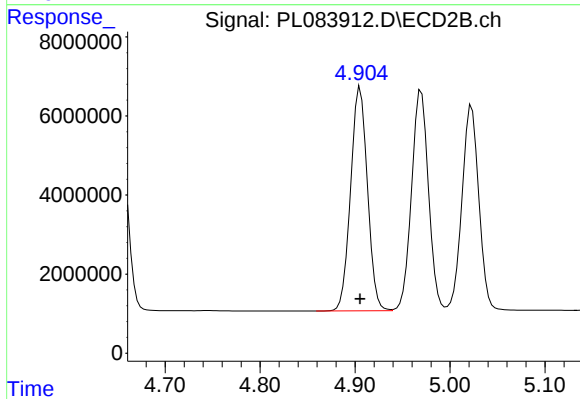
#9 Endosulfan I

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 63990606
Conc: 52.17 ng/ml



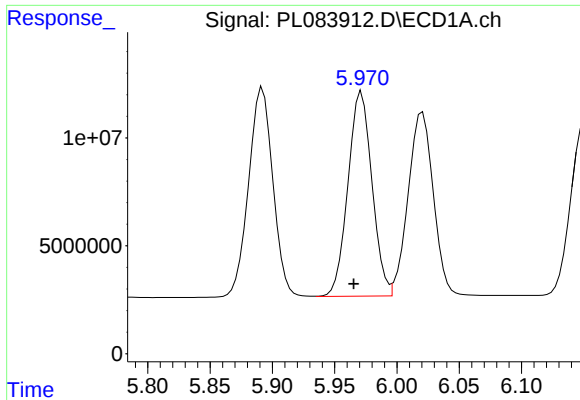
#10 gamma-Chlordane

R.T.: 5.892 min
Delta R.T.: 0.006 min
Response: 132033344
Conc: 51.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 69758857
Conc: 52.37 ng/ml



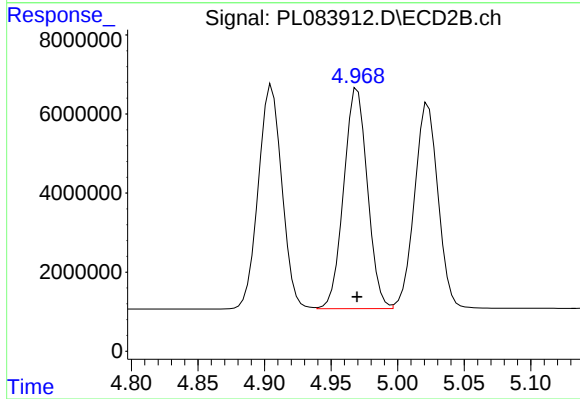
#11 alpha-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.006 min
Response: 127701629
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

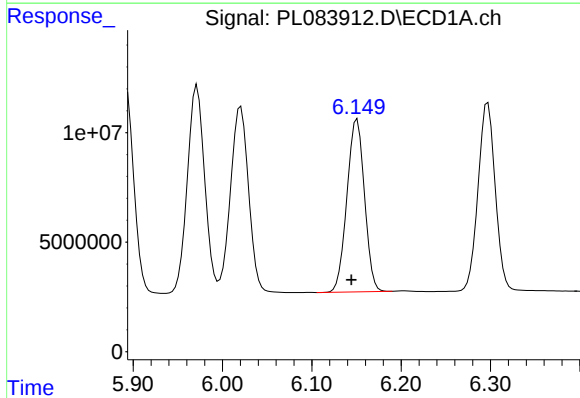
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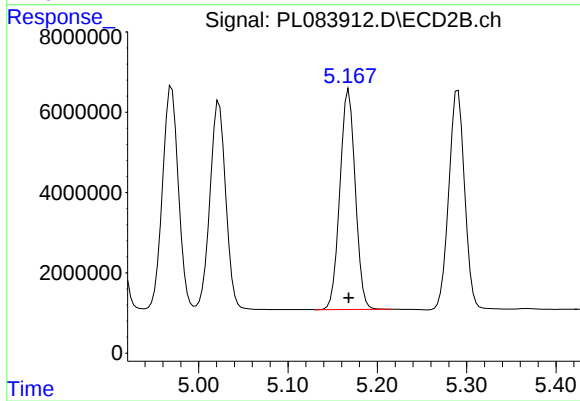
#11 alpha-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 69218515
Conc: 51.38 ng/ml



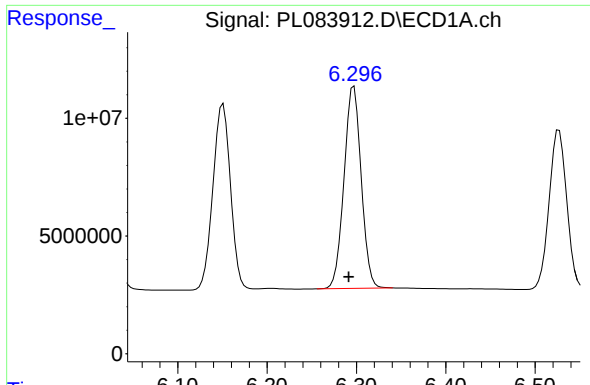
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.006 min
Response: 107507763
Conc: 53.43 ng/ml



#12 4,4'-DDE

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 65452660
Conc: 53.28 ng/ml



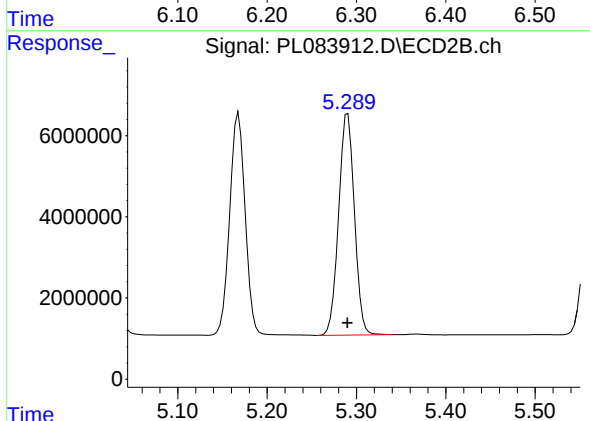
#13 Dieldrin

R.T.: 6.297 min
Delta R.T.: 0.006 min
Response: 114610144
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

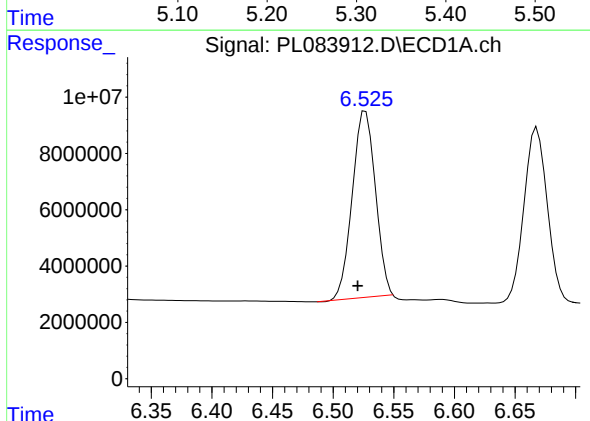
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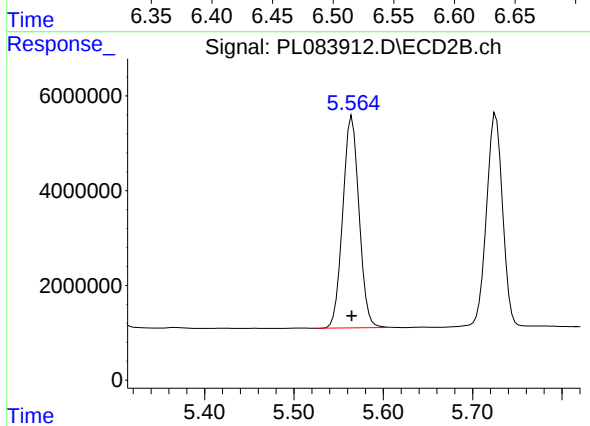
#13 Dieldrin

R.T.: 5.290 min
Delta R.T.: 0.000 min
Response: 66896070
Conc: 51.37 ng/ml



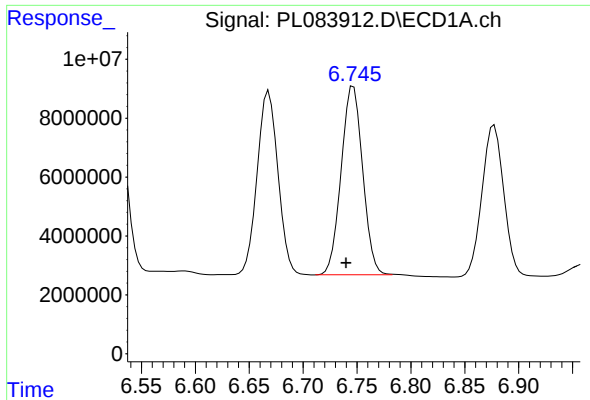
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.007 min
Response: 88084120
Conc: 46.25 ng/ml



#14 Endrin

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 56621411
Conc: 51.51 ng/ml



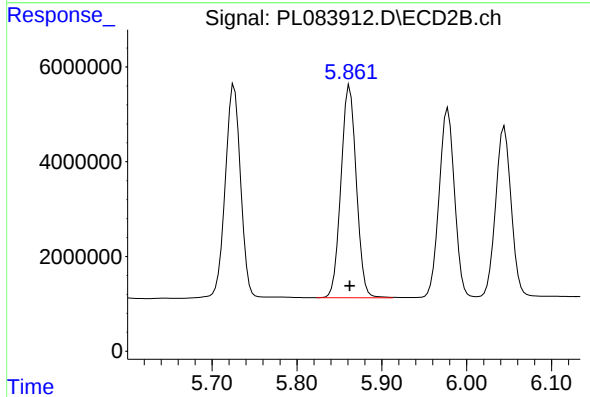
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.005 min
Response: 89040089
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

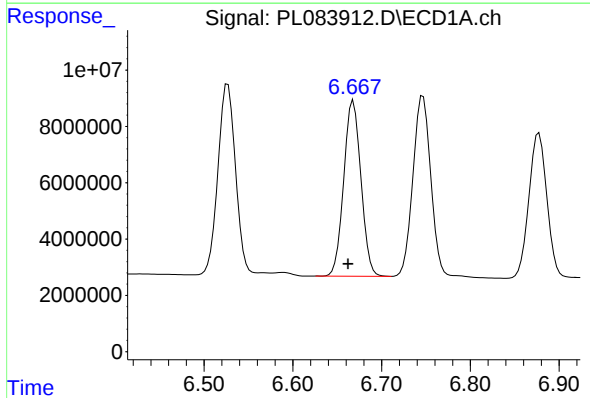
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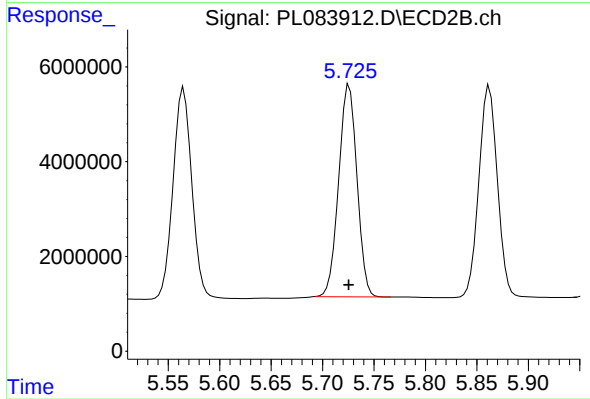
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 56278058
Conc: 48.97 ng/ml



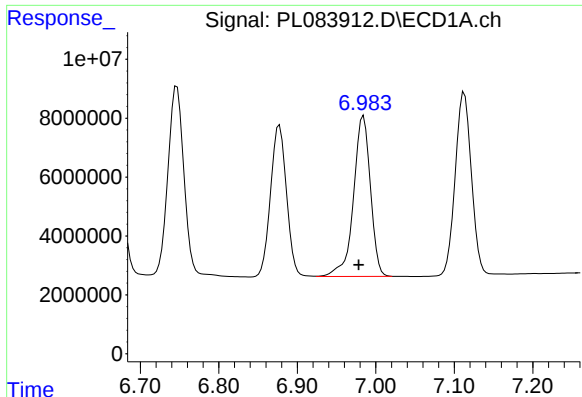
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.006 min
Response: 83938714
Conc: 57.16 ng/ml



#16 4,4'-DDD

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 55431499
Conc: 57.78 ng/ml



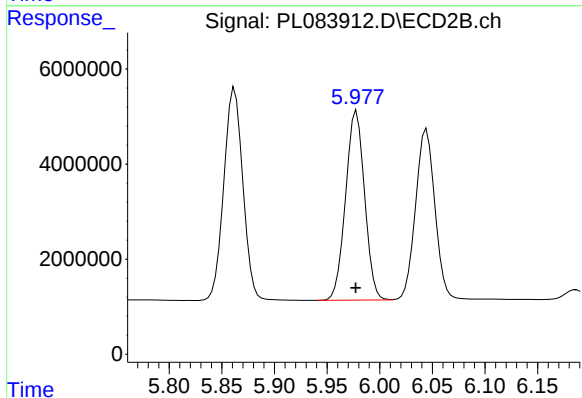
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: 0.006 min
Response: 81665467
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

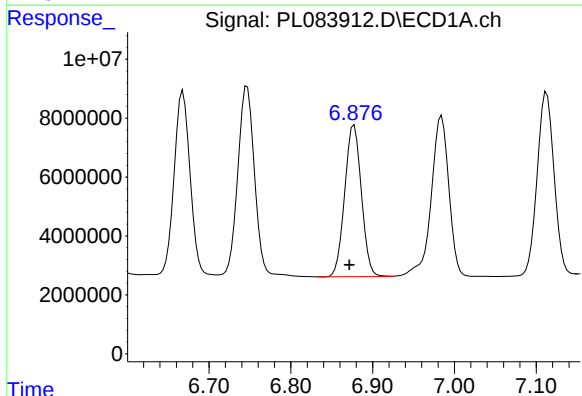
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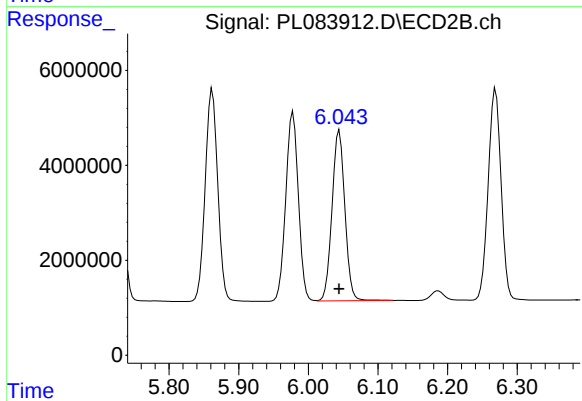
#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 50184232
Conc: 55.10 ng/ml



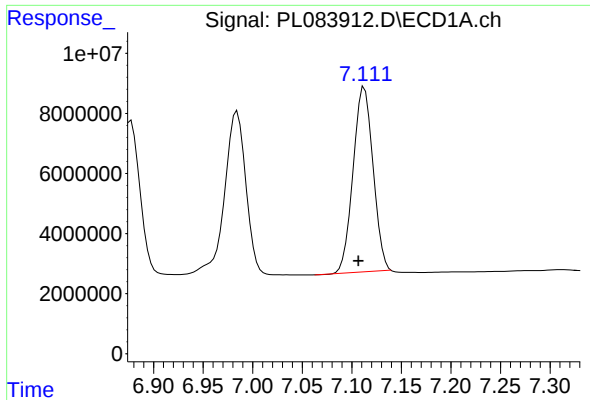
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.006 min
Response: 72616369
Conc: 49.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 46022324
Conc: 51.20 ng/ml



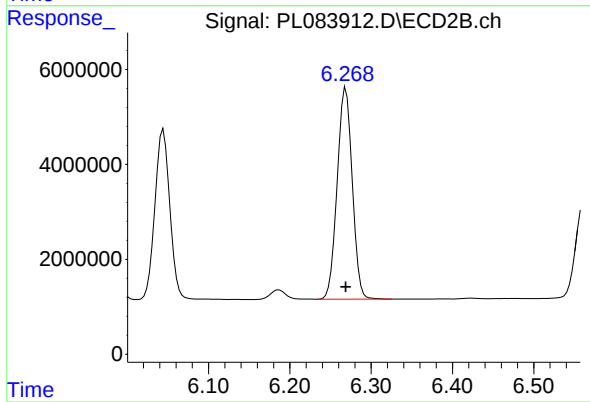
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: 0.006 min
Response: 86284499
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

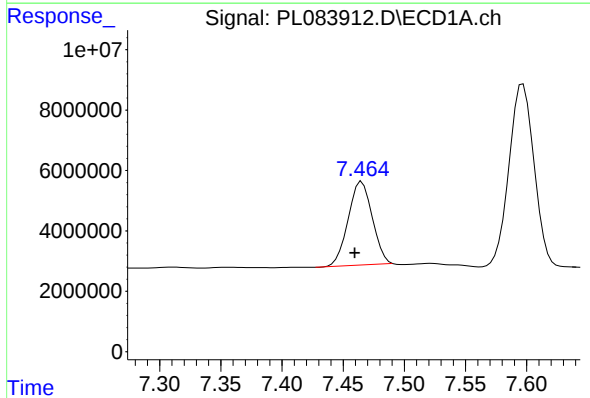
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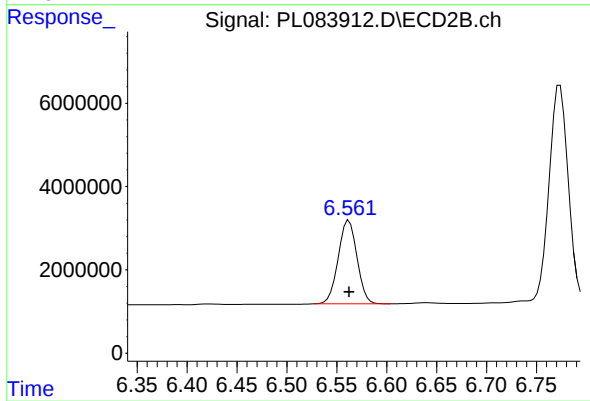
#19 Endosulfan Sulfate

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 57331365
Conc: 52.17 ng/ml



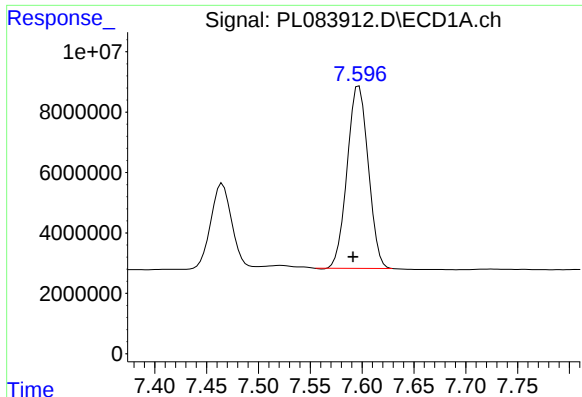
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.006 min
Response: 37858645
Conc: 48.40 ng/ml



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 26224016
Conc: 54.72 ng/ml



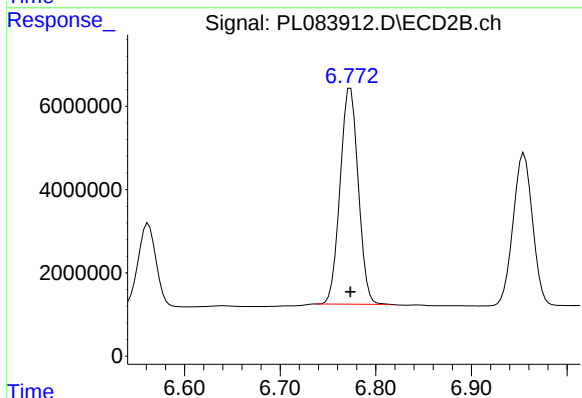
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.006 min
Response: 85630182
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

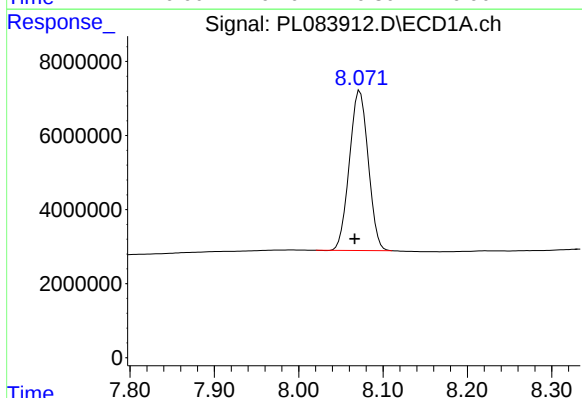
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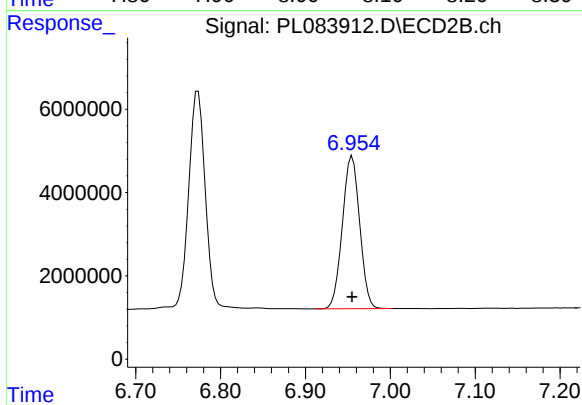
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 68692619
Conc: 53.16 ng/ml



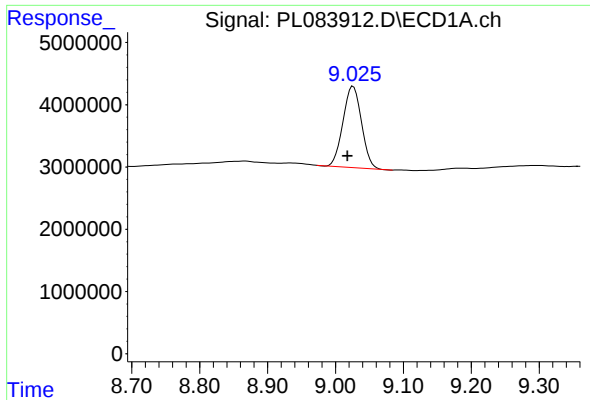
#22 Mirex

R.T.: 8.073 min
Delta R.T.: 0.006 min
Response: 66956559
Conc: 46.79 ng/ml



#22 Mirex

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 51901480
Conc: 50.85 ng/ml



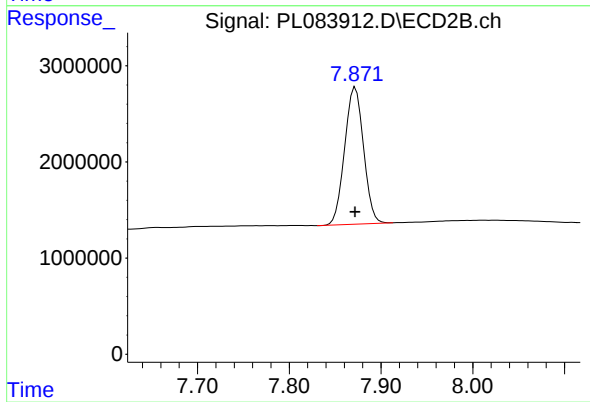
#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.009 min
Response: 24786943
Conc: 19.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154191BS

Manual Integrations
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Supervised By :Ankita Jodhani 07/17/2023



#28 Decachlorobiphenyl

R.T.: 7.872 min
Delta R.T.: 0.000 min
Response: 20334224
Conc: 18.30 ng/ml