

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061423\
 Data File : PL083436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2023 18:06
 Operator : AR\AJ
 Sample : 03157-05MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-622-COMP-01MS

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 22:37:32 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...	3.312	2.651	59877083	50828128	20.373	19.579
28) SA Decachlor...	8.728	7.752	49612540	56760379	23.655	22.827
Target Compounds						
2) A alpha-BHC	3.762	3.147	197.6E6	164.9E6	44.513	44.188
3) MA gamma-BHC...	4.090	3.473	186.3E6	160.4E6	44.964	48.126
4) MA Heptachlor	4.667	3.803	180.6E6	157.5E6	47.256	43.023
5) MB Aldrin	5.003	4.078	170.3E6	147.5E6	48.401	45.345
6) B beta-BHC	4.294	3.772	85261938	68256953	45.286	47.729m
7) B delta-BHC	4.535	3.998	134.6E6	107.2E6	39.147	32.727
8) B Heptachlo...	5.430	4.579	158.0E6	139.8E6	49.395	47.112
9) A Endosulfan I	5.810	4.946	148.4E6	131.7E6	49.460	47.133
10) B gamma-Chl...	5.685	4.828	164.3E6	141.4E6	51.722	47.090
11) B alpha-Chl...	5.763	4.890	157.5E6	140.7E6	49.081	46.859
12) B 4,4'-DDE	5.942	5.081	142.3E6	124.2E6	51.622	51.127
13) MA Dieldrin	6.086	5.210	148.9E6	133.9E6	49.515	47.422
14) MA Endrin	6.312	5.484	129.6E6	117.2E6	48.237	46.195
15) B Endosulfa...	6.535	5.781	121.9E6	112.6E6	45.726	45.494
16) A 4,4'-DDD	6.457	5.636	116.5E6	102.1E6	53.594	53.091
17) MA 4,4'-DDT	6.768	5.883	118.0E6	103.2E6	47.160	46.261
18) B Endrin al...	6.666	5.960	91226480	88896241	45.372	44.955
19) B Endosulfa...	6.900	6.183	120.7E6	109.9E6	47.063	44.866
20) A Methoxychlor	7.250	6.462	60823251	57832560	45.995	45.475
21) B Endrin ke...	7.379	6.687	129.3E6	129.4E6	50.697	47.869
22) Mirex	7.843	6.858	101.2E6	105.9E6	48.281	45.269

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061423\
Data File : PL083436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jun 2023 18:06
Operator : AR\AJ
Sample : 03157-05MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

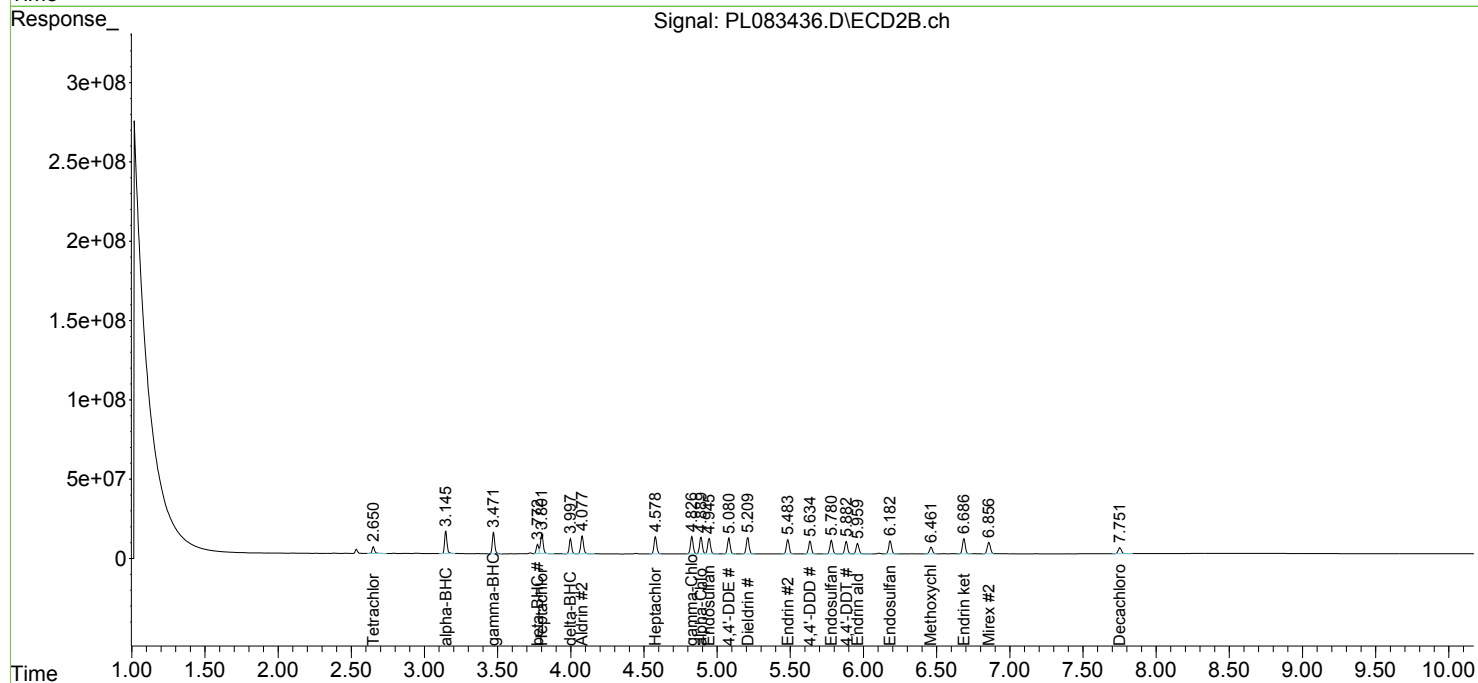
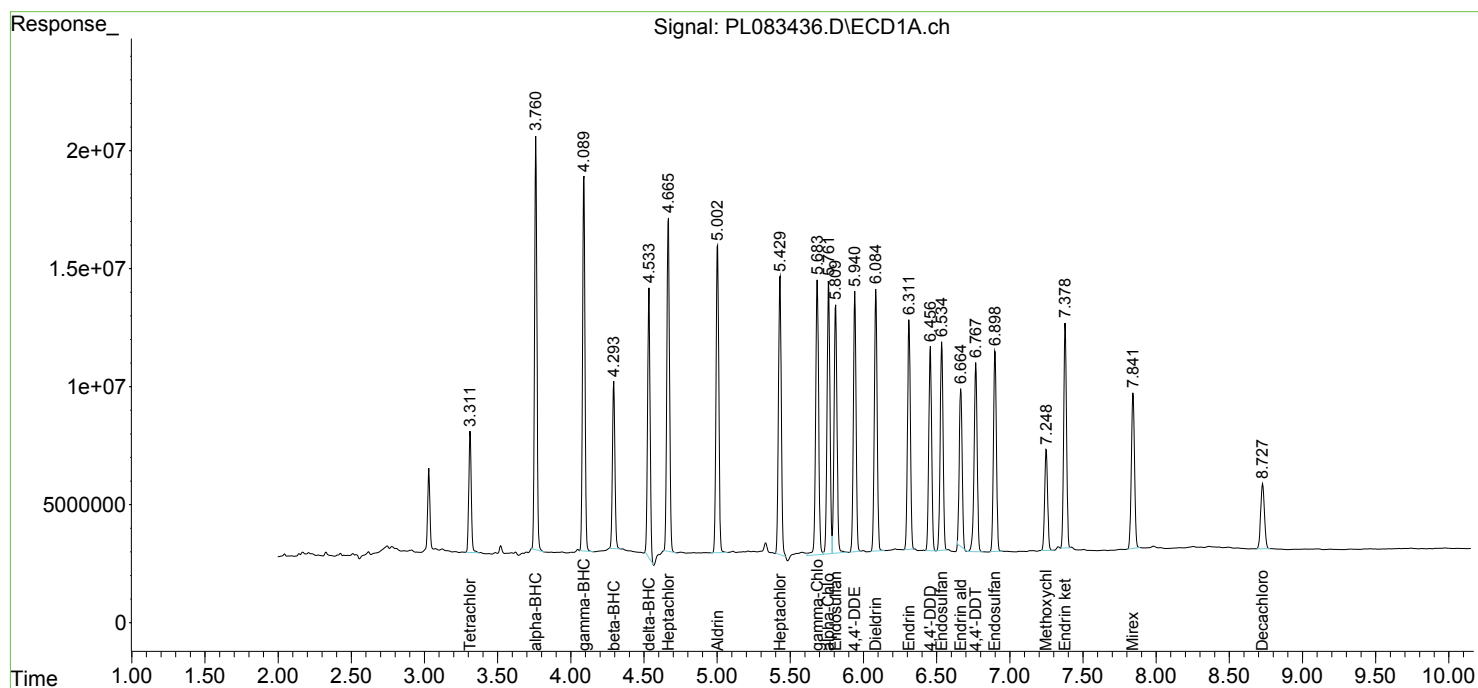
Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

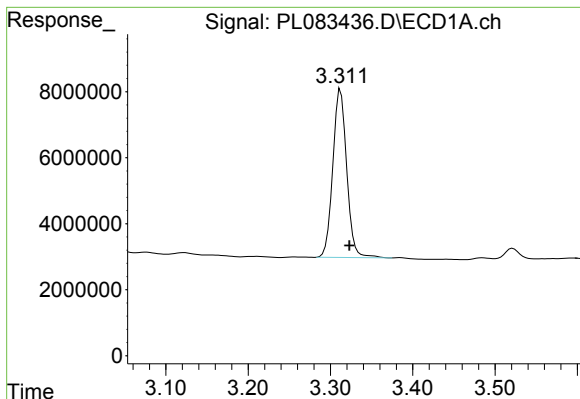
Manual Integrations
APPROVED

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 22:37:32 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





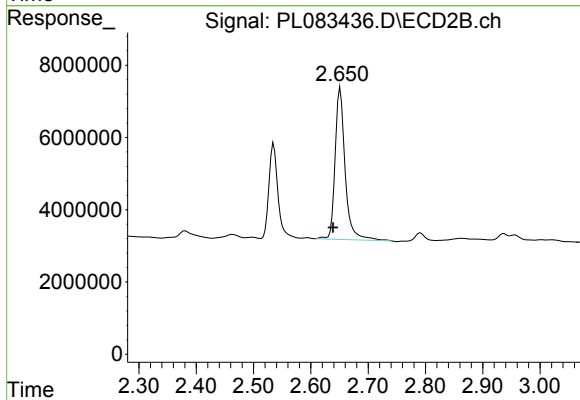
#1 Tetrachloro-m-xylene

R.T.: 3.312 min
Delta R.T.: -0.011 min
Response: 59877083
Conc: 20.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

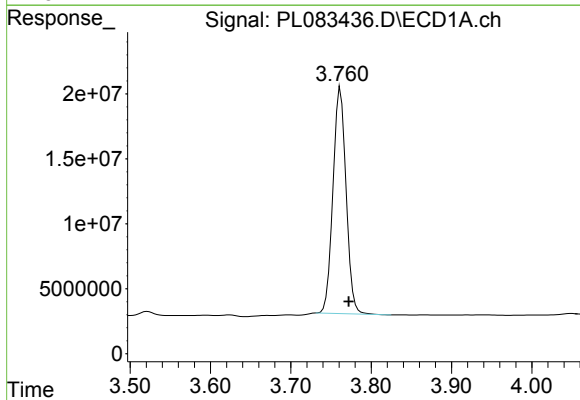
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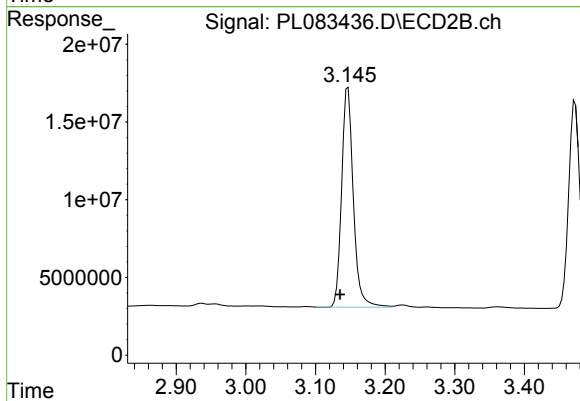
#1 Tetrachloro-m-xylene

R.T.: 2.651 min
Delta R.T.: 0.012 min
Response: 50828128
Conc: 19.58 ng/ml



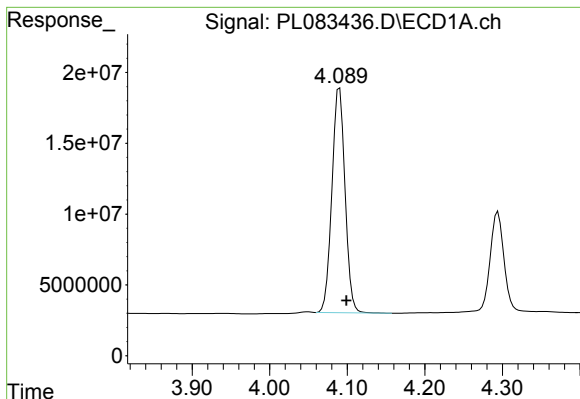
#2 alpha-BHC

R.T.: 3.762 min
Delta R.T.: -0.010 min
Response: 197603731
Conc: 44.51 ng/ml



#2 alpha-BHC

R.T.: 3.147 min
Delta R.T.: 0.011 min
Response: 164886327
Conc: 44.19 ng/ml



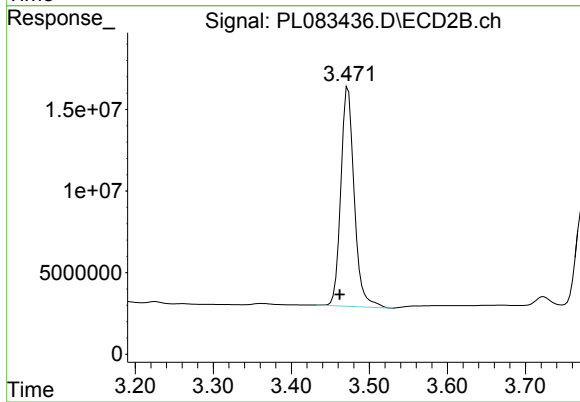
#3 gamma-BHC (Lindane)

R.T.: 4.090 min
Delta R.T.: -0.009 min
Response: 186281003
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

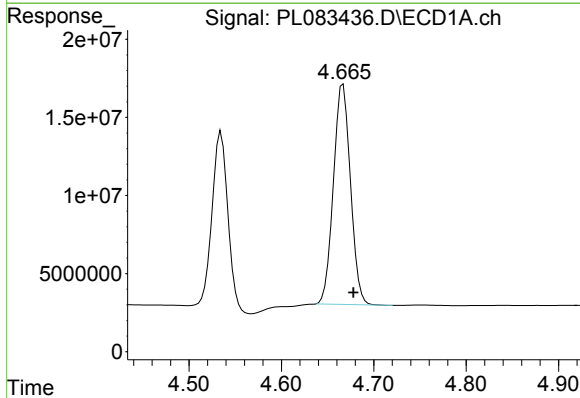
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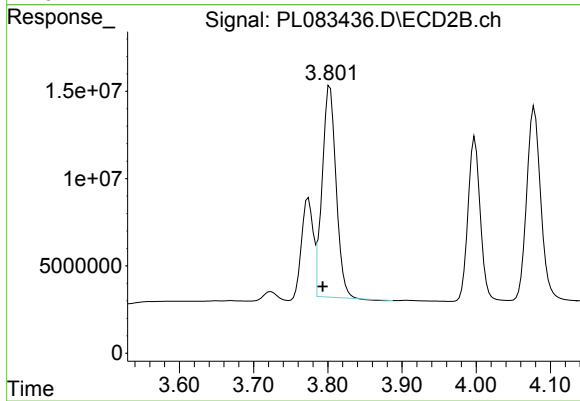
#3 gamma-BHC (Lindane)

R.T.: 3.473 min
Delta R.T.: 0.011 min
Response: 160419605
Conc: 48.13 ng/ml



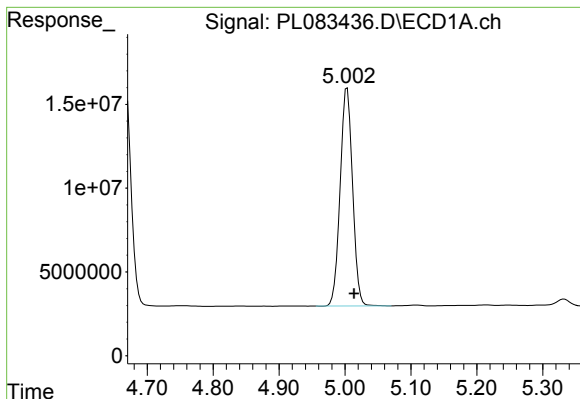
#4 Heptachlor

R.T.: 4.667 min
Delta R.T.: -0.011 min
Response: 180634261
Conc: 47.26 ng/ml



#4 Heptachlor

R.T.: 3.803 min
Delta R.T.: 0.010 min
Response: 157509206
Conc: 43.02 ng/ml



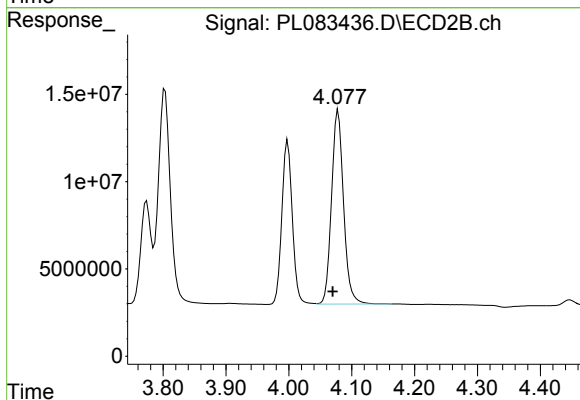
#5 Aldrin

R.T.: 5.003 min
Delta R.T.: -0.011 min
Response: 170282161
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

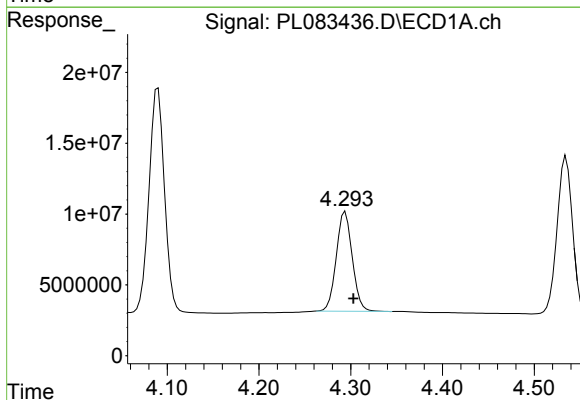
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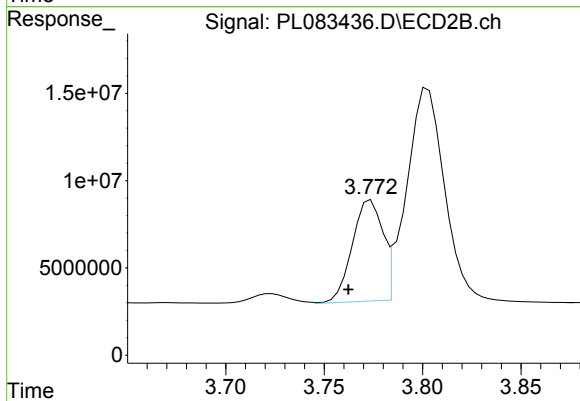
#5 Aldrin

R.T.: 4.078 min
Delta R.T.: 0.009 min
Response: 147536901
Conc: 45.35 ng/ml



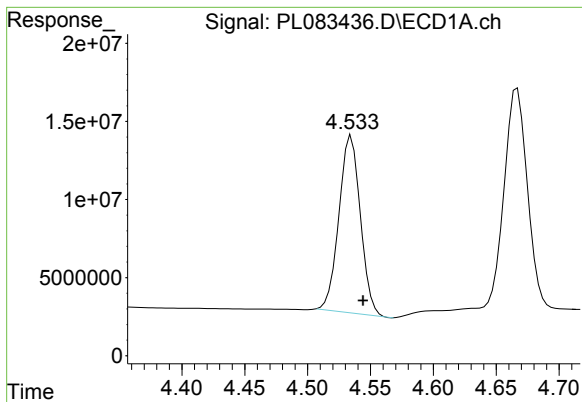
#6 beta-BHC

R.T.: 4.294 min
Delta R.T.: -0.009 min
Response: 85261938
Conc: 45.29 ng/ml



#6 beta-BHC

R.T.: 3.772 min
Delta R.T.: 0.010 min
Response: 68256953
Conc: 47.73 ng/ml m



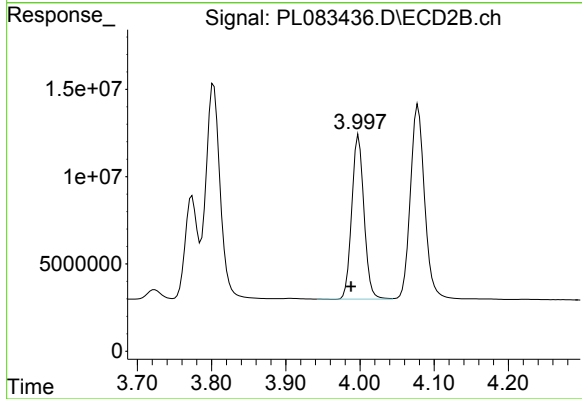
#7 delta-BHC

R.T.: 4.535 min
Delta R.T.: -0.009 min
Response: 134622662
Conc: 39.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

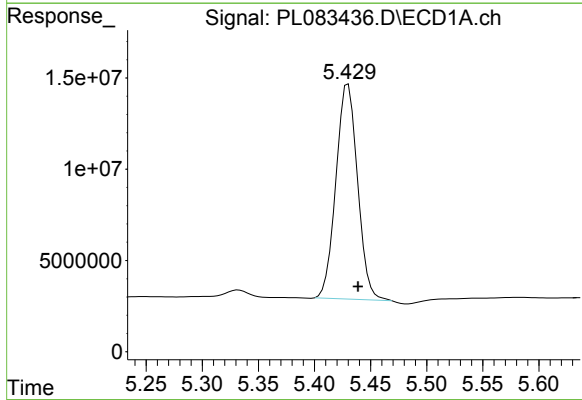
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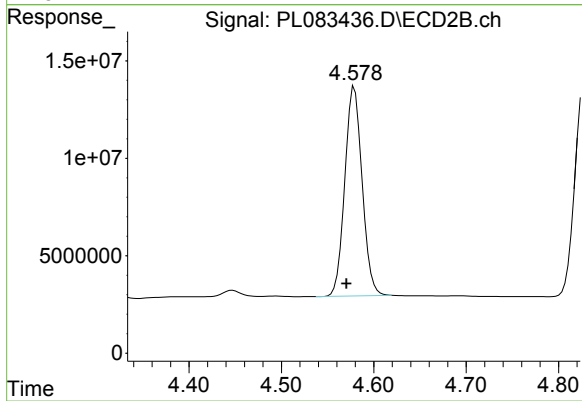
#7 delta-BHC

R.T.: 3.998 min
Delta R.T.: 0.010 min
Response: 107227664
Conc: 32.73 ng/ml



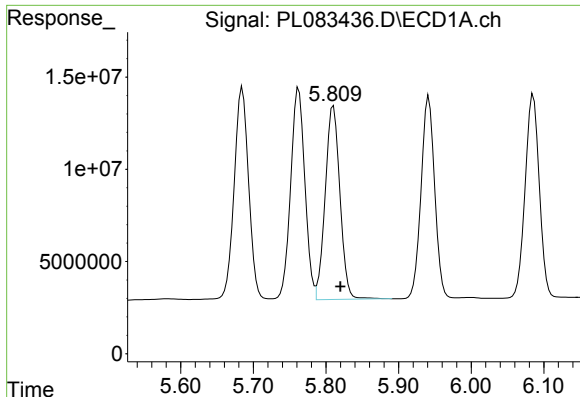
#8 Heptachlor epoxide

R.T.: 5.430 min
Delta R.T.: -0.009 min
Response: 158001526
Conc: 49.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.579 min
Delta R.T.: 0.009 min
Response: 139824597
Conc: 47.11 ng/ml



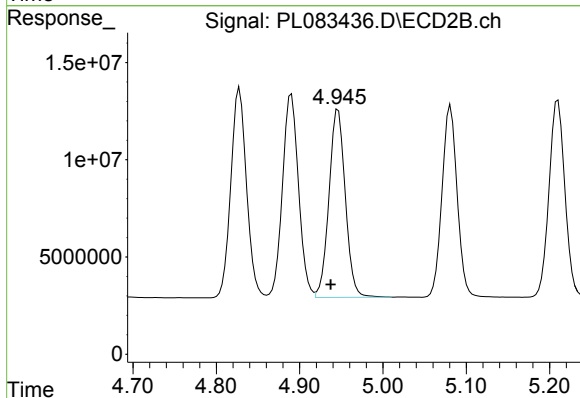
#9 Endosulfan I

R.T.: 5.810 min
Delta R.T.: -0.010 min
Response: 148410227
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

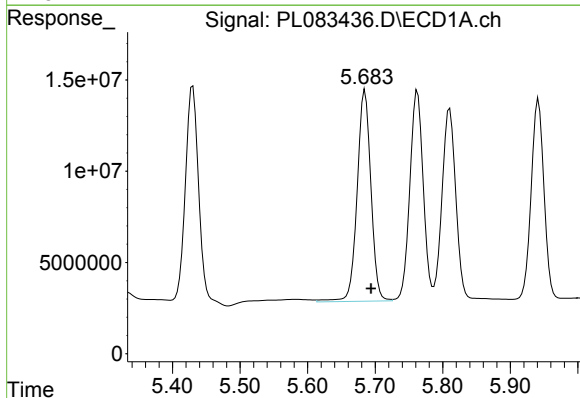
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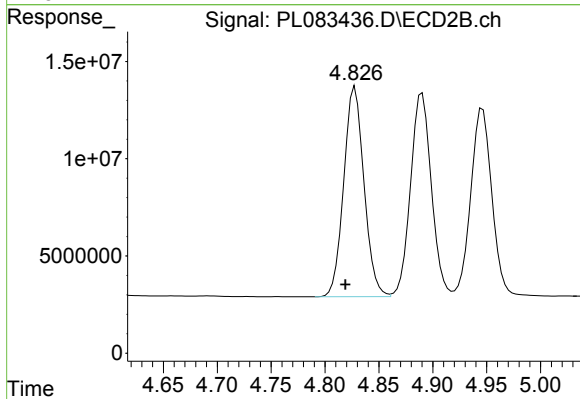
#9 Endosulfan I

R.T.: 4.946 min
Delta R.T.: 0.009 min
Response: 131707775
Conc: 47.13 ng/ml



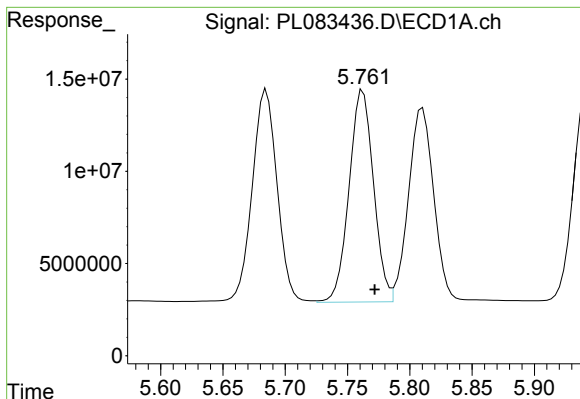
#10 gamma-Chlordane

R.T.: 5.685 min
Delta R.T.: -0.009 min
Response: 164318682
Conc: 51.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.828 min
Delta R.T.: 0.009 min
Response: 141431089
Conc: 47.09 ng/ml



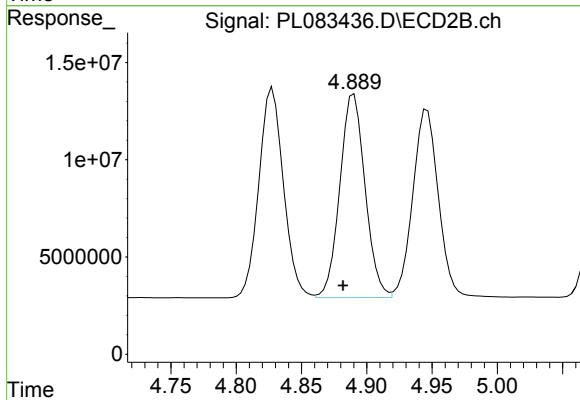
#11 alpha-Chlordane

R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 157516877
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

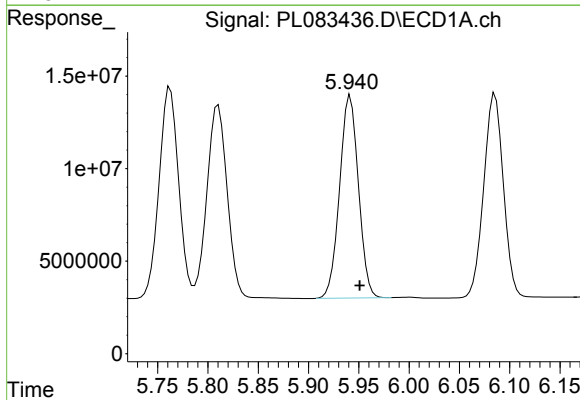
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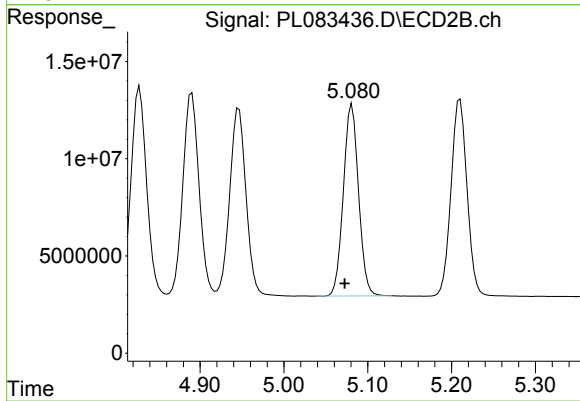
#11 alpha-Chlordane

R.T.: 4.890 min
Delta R.T.: 0.008 min
Response: 140670571
Conc: 46.86 ng/ml



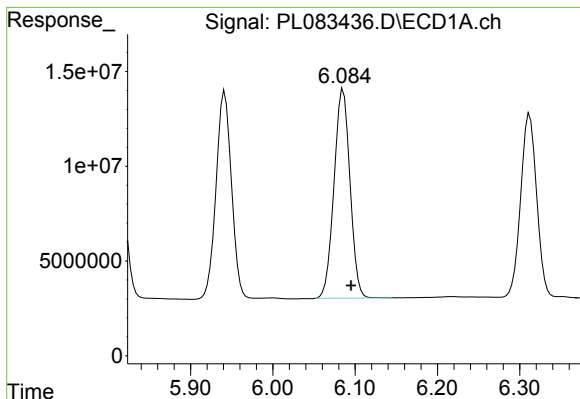
#12 4,4'-DDE

R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 142296550
Conc: 51.62 ng/ml



#12 4,4'-DDE

R.T.: 5.081 min
Delta R.T.: 0.009 min
Response: 124173964
Conc: 51.13 ng/ml



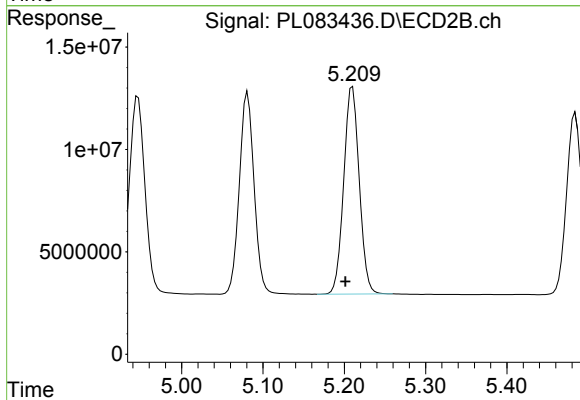
#13 Dieldrin

R.T.: 6.086 min
Delta R.T.: -0.009 min
Response: 148933645
Conc: 49.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

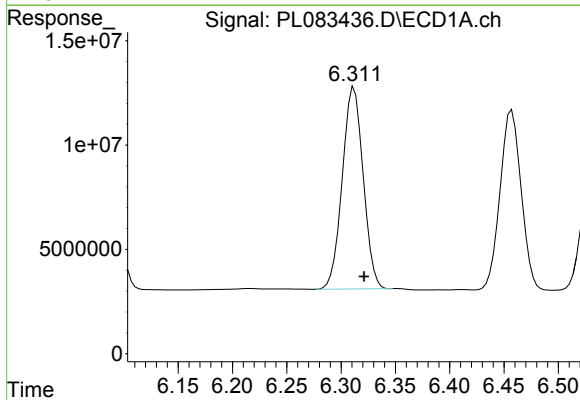
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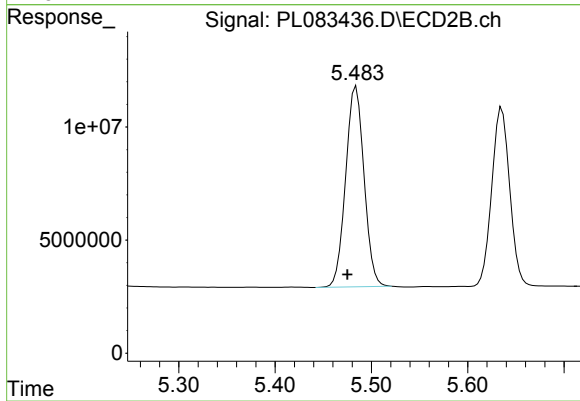
#13 Dieldrin

R.T.: 5.210 min
Delta R.T.: 0.009 min
Response: 133867970
Conc: 47.42 ng/ml



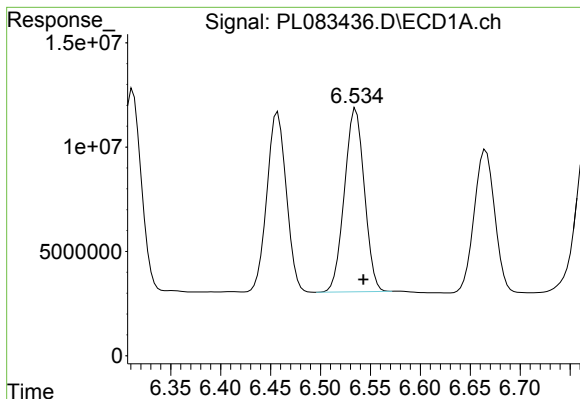
#14 Endrin

R.T.: 6.312 min
Delta R.T.: -0.009 min
Response: 129625396
Conc: 48.24 ng/ml



#14 Endrin

R.T.: 5.484 min
Delta R.T.: 0.009 min
Response: 117194532
Conc: 46.20 ng/ml



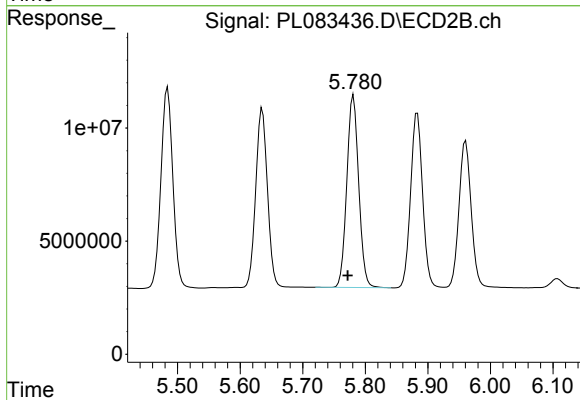
#15 Endosulfan II

R.T.: 6.535 min
Delta R.T.: -0.008 min
Response: 121879996
Conc: 45.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

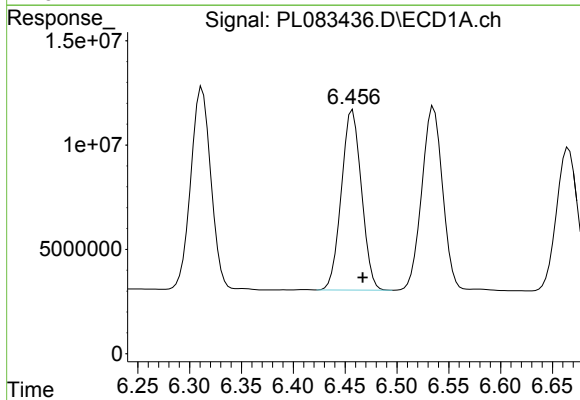
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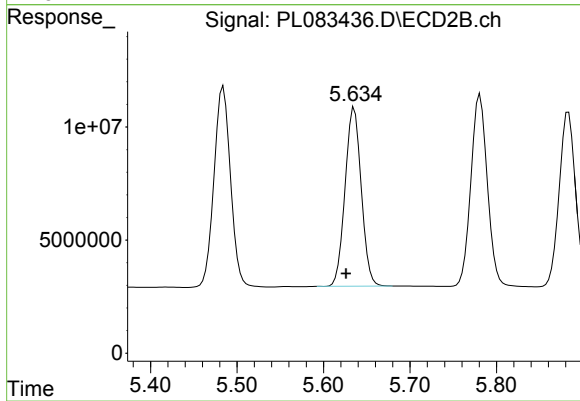
#15 Endosulfan II

R.T.: 5.781 min
Delta R.T.: 0.009 min
Response: 112562132
Conc: 45.49 ng/ml



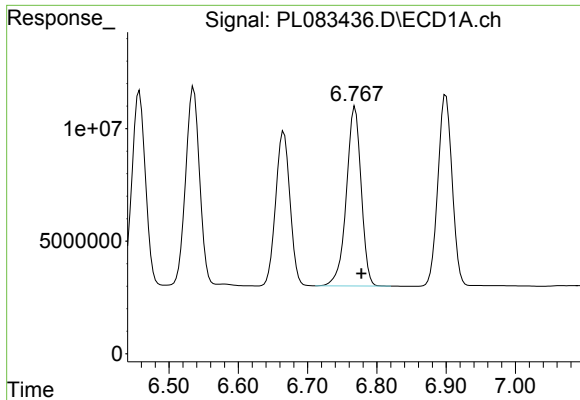
#16 4,4'-DDD

R.T.: 6.457 min
Delta R.T.: -0.010 min
Response: 116461985
Conc: 53.59 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.009 min
Response: 102107058
Conc: 53.09 ng/ml



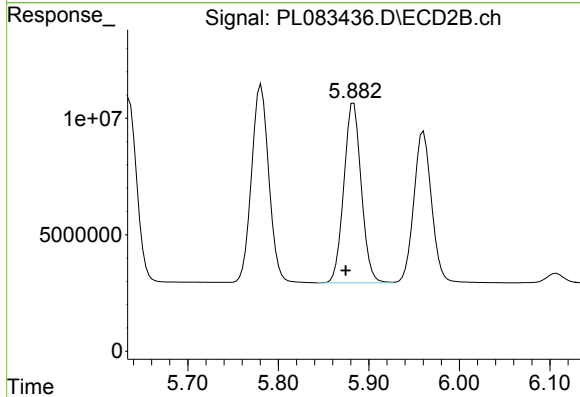
#17 4,4'-DDT

R.T.: 6.768 min
Delta R.T.: -0.010 min
Response: 118048612
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

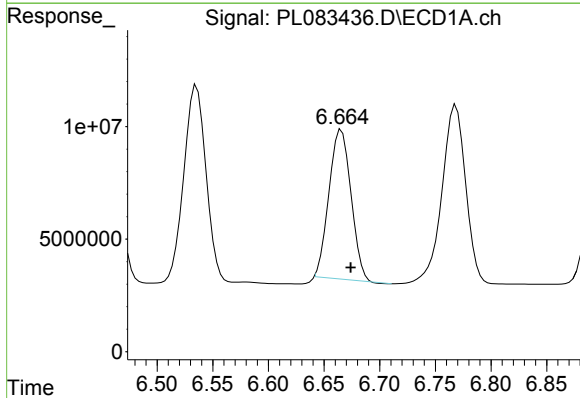
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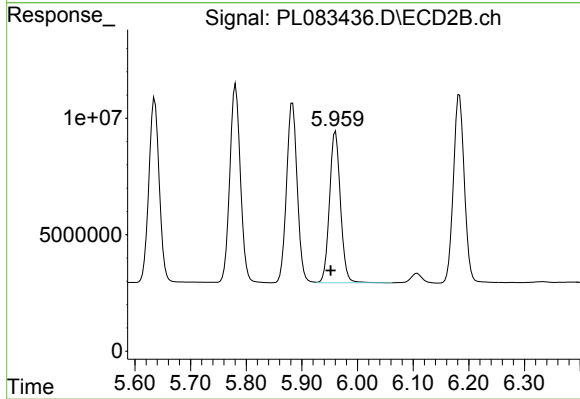
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: 0.009 min
Response: 103209097
Conc: 46.26 ng/ml



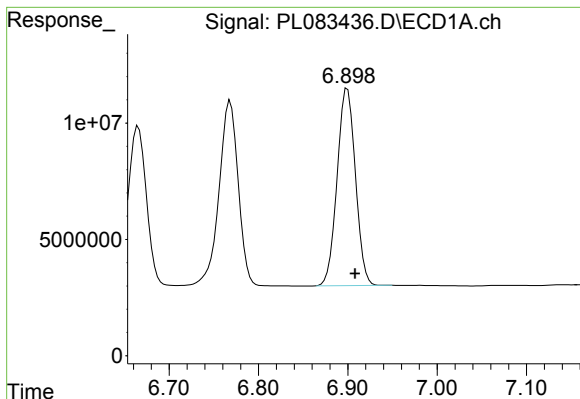
#18 Endrin aldehyde

R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 91226480
Conc: 45.37 ng/ml



#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: 0.009 min
Response: 88896241
Conc: 44.95 ng/ml



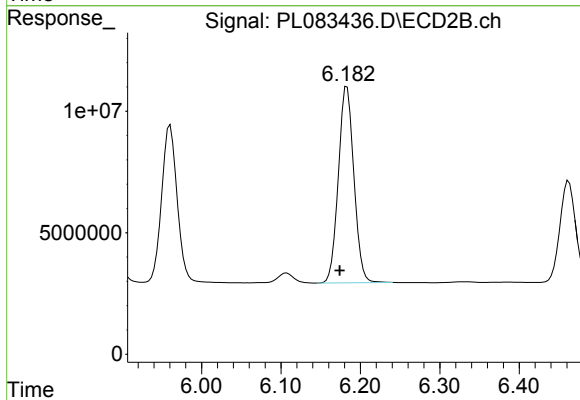
#19 Endosulfan Sulfate

R.T.: 6.900 min
Delta R.T.: -0.008 min
Response: 120656384
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

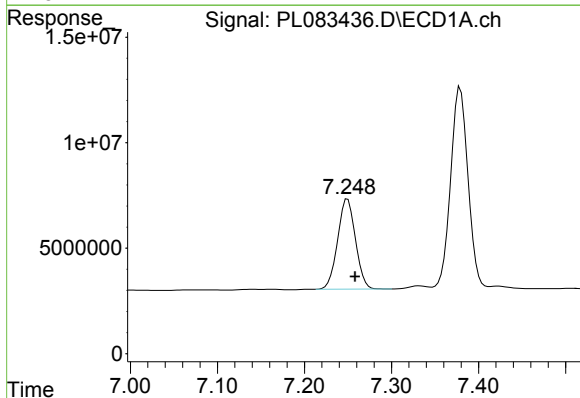
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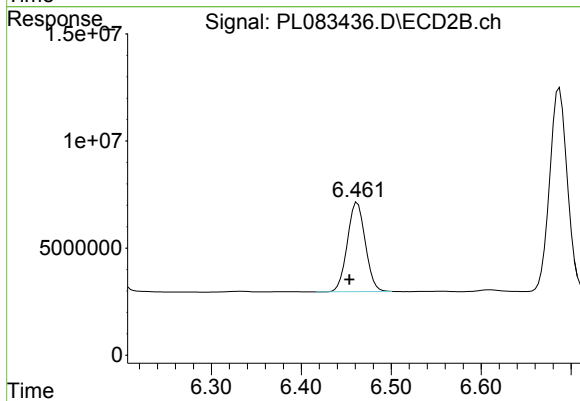
#19 Endosulfan Sulfate

R.T.: 6.183 min
Delta R.T.: 0.009 min
Response: 109877353
Conc: 44.87 ng/ml



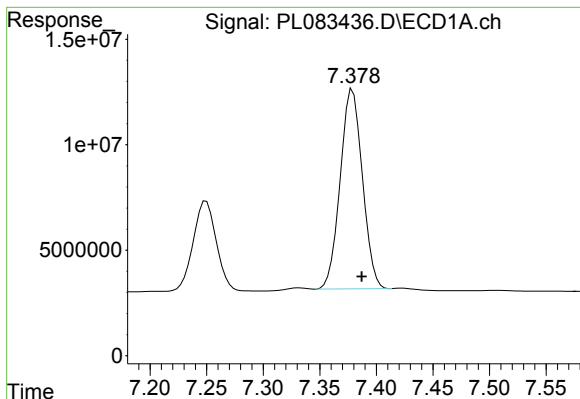
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 60823251
Conc: 46.00 ng/ml



#20 Methoxychlor

R.T.: 6.462 min
Delta R.T.: 0.009 min
Response: 57832560
Conc: 45.47 ng/ml



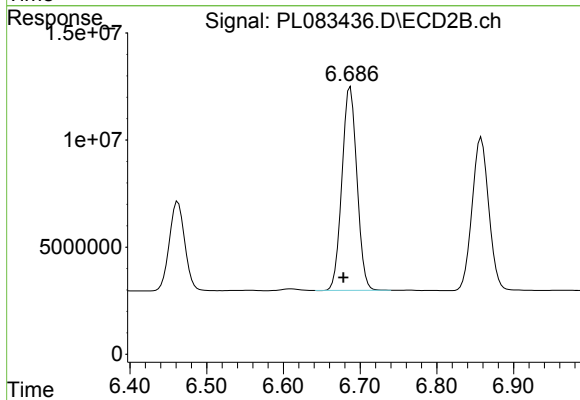
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 129318364
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

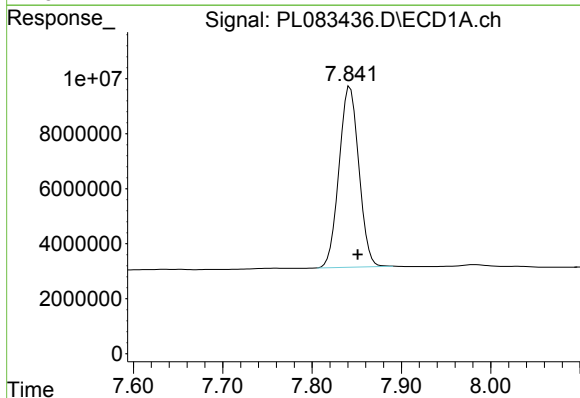
Manual Integrations
APPROVED

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



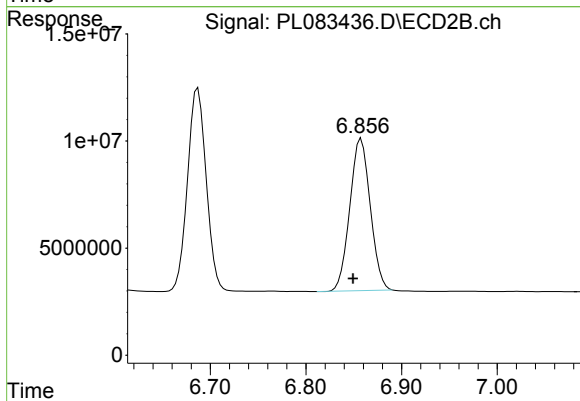
#21 Endrin ketone

R.T.: 6.687 min
Delta R.T.: 0.009 min
Response: 129429547
Conc: 47.87 ng/ml



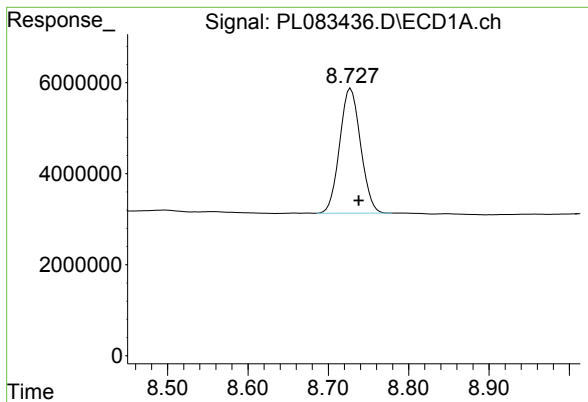
#22 Mirex

R.T.: 7.843 min
Delta R.T.: -0.008 min
Response: 101197546
Conc: 48.28 ng/ml



#22 Mirex

R.T.: 6.858 min
Delta R.T.: 0.008 min
Response: 105921958
Conc: 45.27 ng/ml



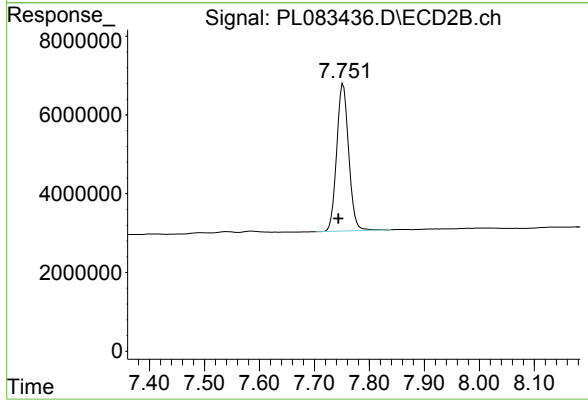
#28 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.010 min
Response: 49612540
Conc: 23.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-622-COMP-01MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: 0.009 min
Response: 56760379
Conc: 22.83 ng/ml