

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051223\
 Data File : PL082684.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2023 11:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/15/2023
 Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 23:13:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.325	2.638	142.2E6	117.8E6	53.225	50.857
28)	SA Decachlor...	8.744	7.749	106.4E6	114.7E6	55.733	50.255m
Target Compounds							
2)	A alpha-BHC	3.774	3.136	219.8E6	173.1E6	55.215	50.863
3)	MA gamma-BHC...	4.103	3.461	184.6E6	162.4E6	49.367	50.511m
4)	MA Heptachlor	4.681	3.793	204.8E6	169.1E6	56.046	49.384m
5)	MB Aldrin	5.017	4.071	180.8E6	154.0E6	54.827	48.881
6)	B beta-BHC	4.306	3.762	82361492	61466366	48.292	45.050m
7)	B delta-BHC	4.548	3.989	190.6E6	147.1E6	52.964	47.963
8)	B Heptachlo...	5.444	4.573	151.8E6	140.8E6	49.774	48.861
9)	A Endosulfan I	5.824	4.940	155.0E6	134.5E6	55.885	50.392
10)	B gamma-Chl...	5.698	4.822	169.5E6	144.1E6	56.366	49.674
11)	B alpha-Chl...	5.776	4.885	165.3E6	145.1E6	55.378	49.969
12)	B 4,4'-DDE	5.955	5.075	145.1E6	115.1E6	57.078	50.072
13)	MA Dieldrin	6.099	5.203	156.0E6	136.6E6	56.537	50.579m
14)	MA Endrin	6.326	5.477	127.6E6	123.3E6	52.613	50.402m
15)	B Endosulfa...	6.548	5.777	127.4E6	110.7E6	52.321	49.090
16)	A 4,4'-DDD	6.471	5.631	118.0E6	95988813	58.184	51.320
17)	MA 4,4'-DDT	6.781	5.879	131.3E6	108.8E6	57.382	51.484
18)	B Endrin al...	6.678	5.956	105.5E6	91431752	56.009	48.858
19)	B Endosulfa...	6.912	6.179	131.7E6	117.1E6	55.538	49.725
20)	A Methoxychlor	7.262	6.457	70452977	62389582	57.733	51.484m
21)	B Endrin ke...	7.391	6.682	136.0E6	127.8E6	56.781	50.362m
22)	Mirex	7.856	6.853	107.1E6	117.3E6	54.764	50.901m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051223\
Data File : PL082684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2023 11:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

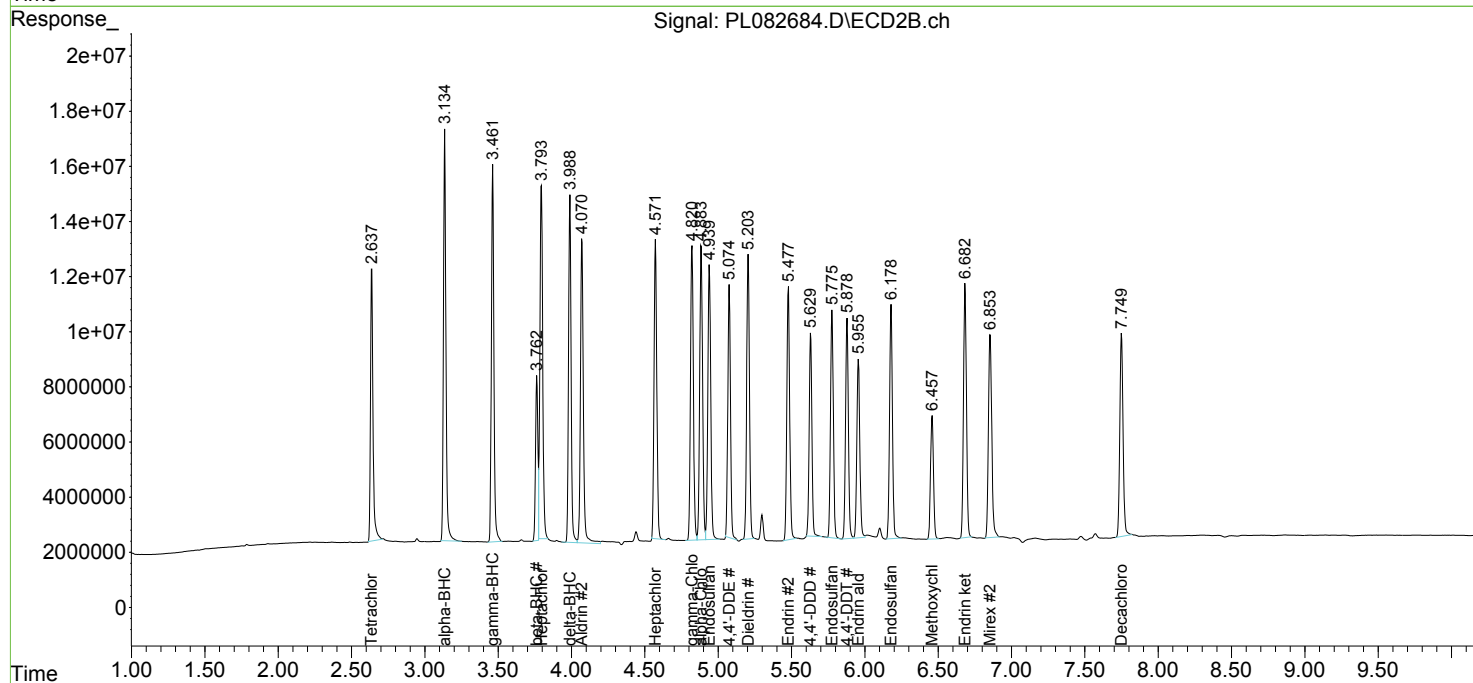
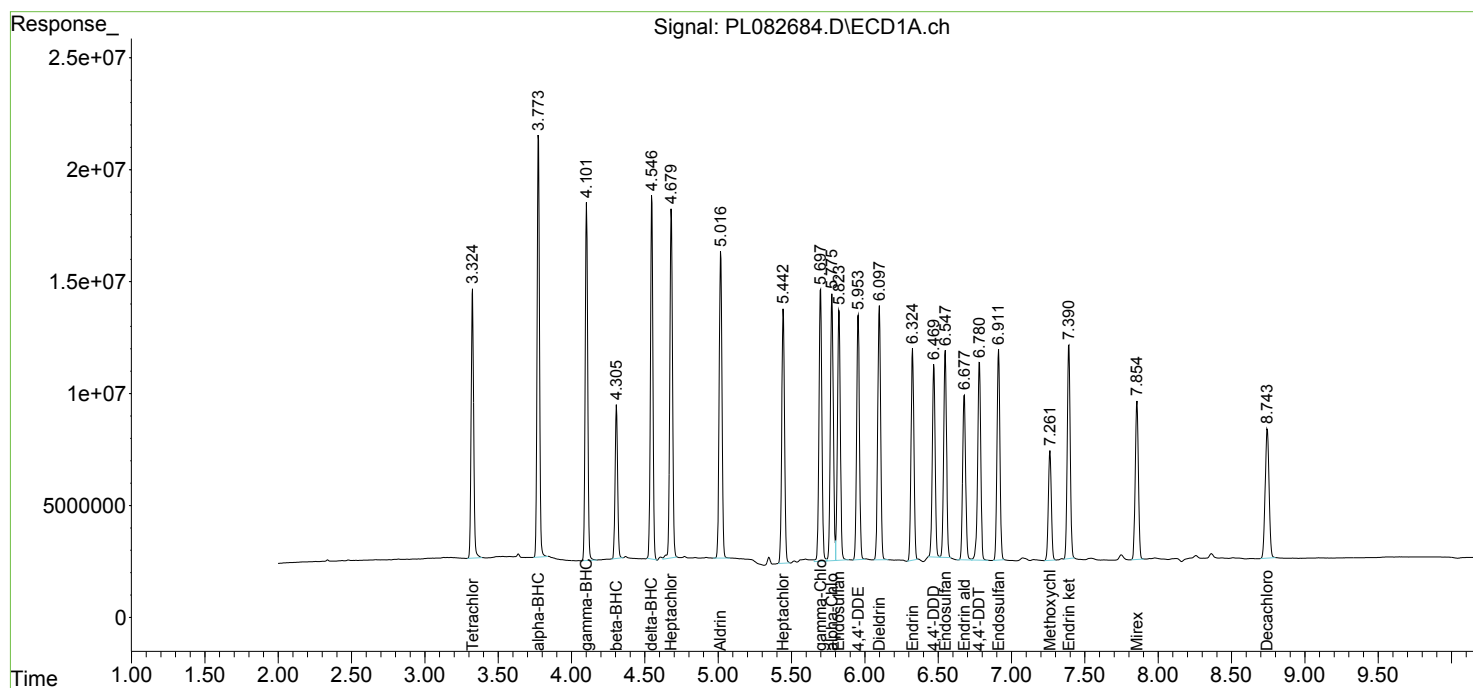
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

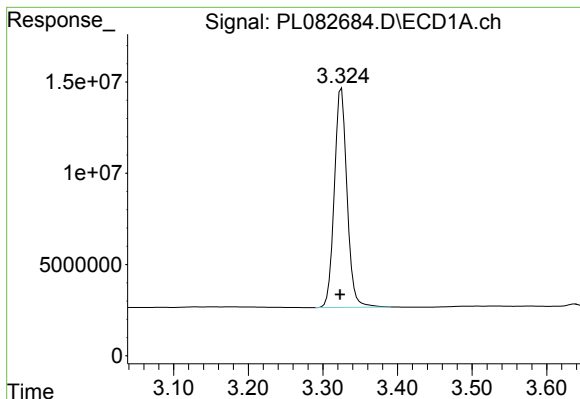
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 23:13:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





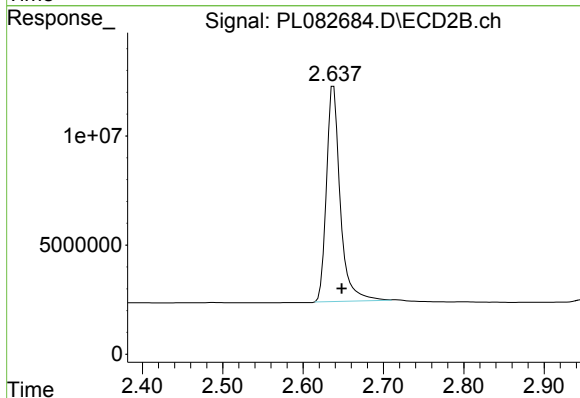
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: 0.002 min
Response: 142174182
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

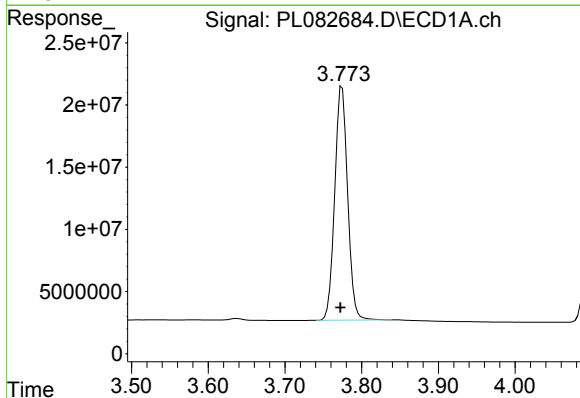
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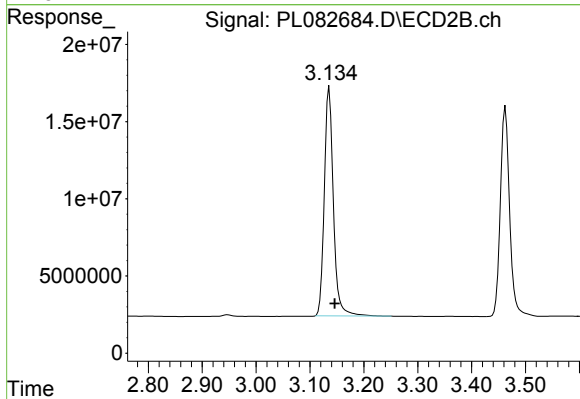
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.010 min
Response: 117822710
Conc: 50.86 ng/ml



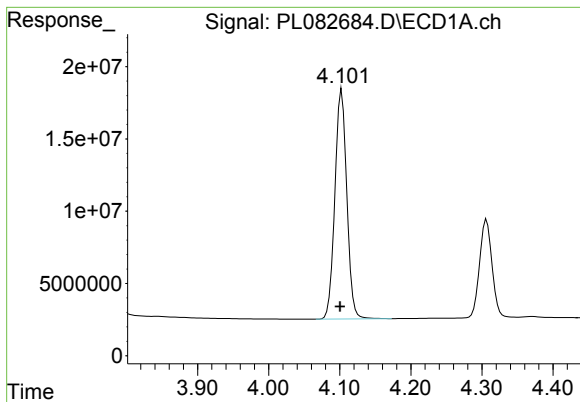
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: 0.002 min
Response: 219768477
Conc: 55.21 ng/ml



#2 alpha-BHC

R.T.: 3.136 min
Delta R.T.: -0.011 min
Response: 173110837
Conc: 50.86 ng/ml



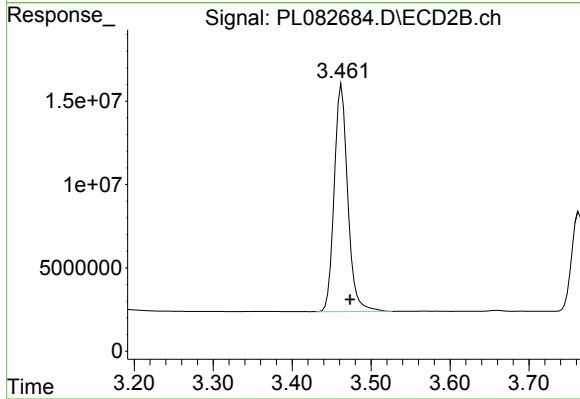
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: 0.002 min
Response: 184579154
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

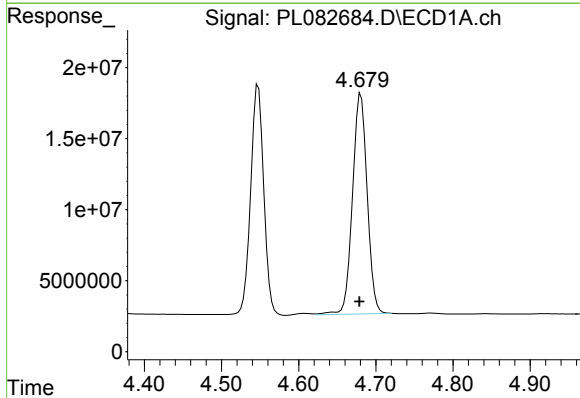
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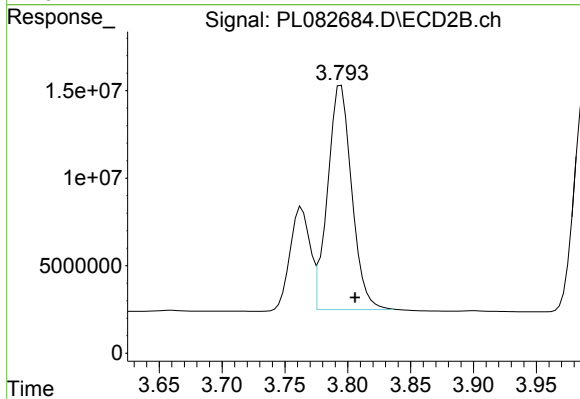
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: -0.012 min
Response: 162406162
Conc: 50.51 ng/ml m



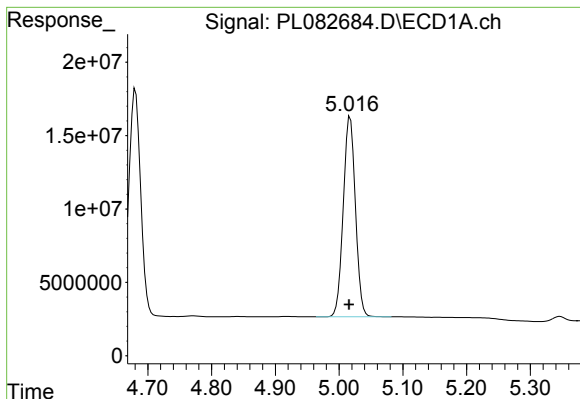
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: 0.002 min
Response: 204787068
Conc: 56.05 ng/ml



#4 Heptachlor

R.T.: 3.793 min
Delta R.T.: -0.013 min
Response: 169053900
Conc: 49.38 ng/ml m



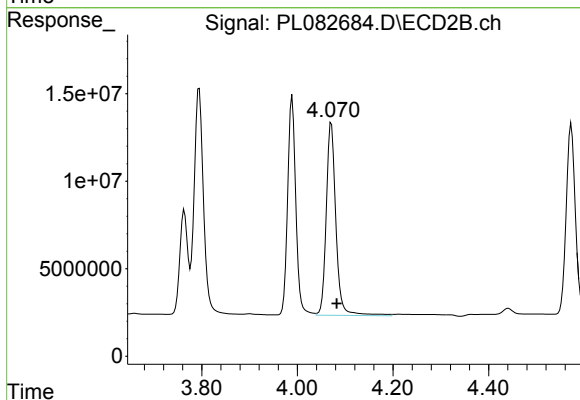
#5 Aldrin

R.T.: 5.017 min
Delta R.T.: 0.002 min
Response: 180796635
Conc: 54.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

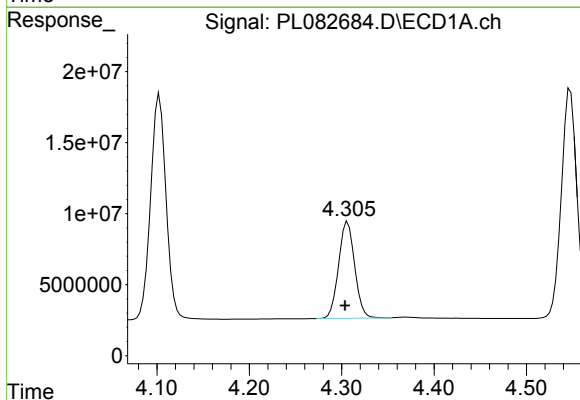
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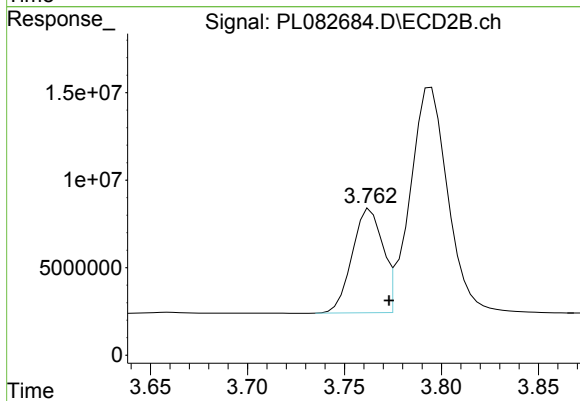
#5 Aldrin

R.T.: 4.071 min
Delta R.T.: -0.011 min
Response: 153969739
Conc: 48.88 ng/ml



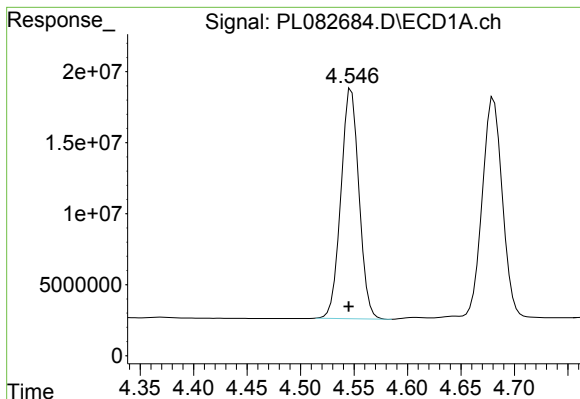
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: 0.003 min
Response: 82361492
Conc: 48.29 ng/ml



#6 beta-BHC

R.T.: 3.762 min
Delta R.T.: -0.011 min
Response: 61466366
Conc: 45.05 ng/ml m



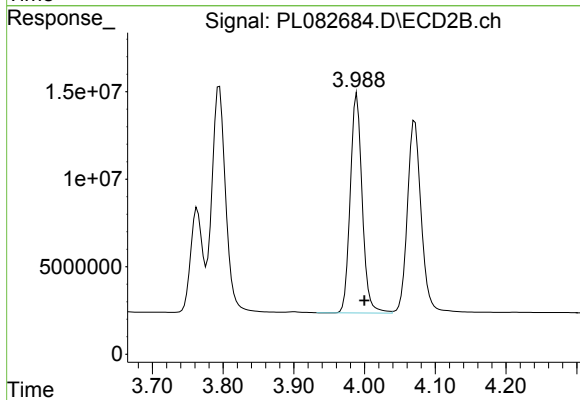
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: 0.002 min
Response: 190553169
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

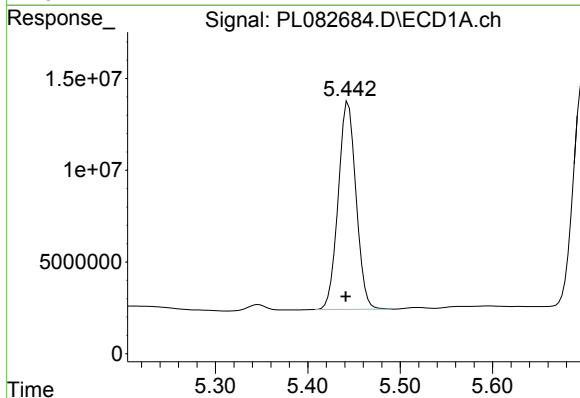
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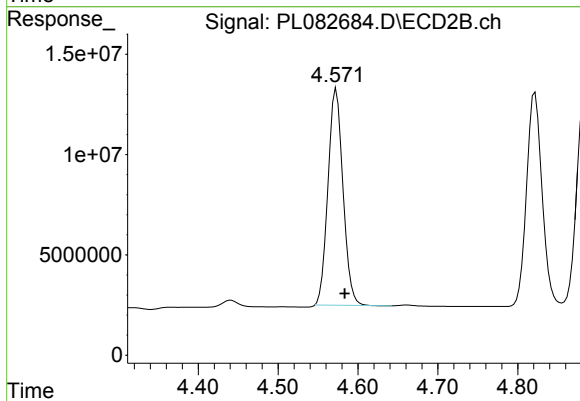
#7 delta-BHC

R.T.: 3.989 min
Delta R.T.: -0.010 min
Response: 147120139
Conc: 47.96 ng/ml



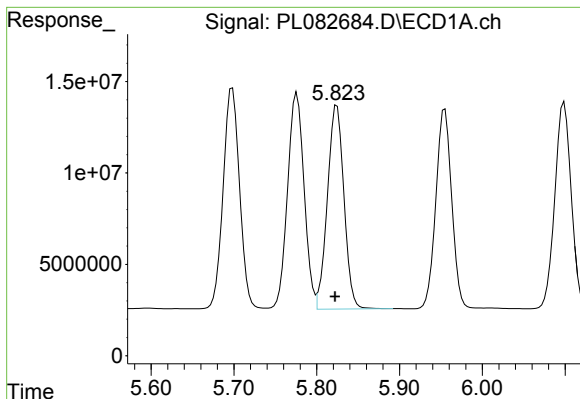
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: 0.003 min
Response: 151829451
Conc: 49.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.011 min
Response: 140761915
Conc: 48.86 ng/ml



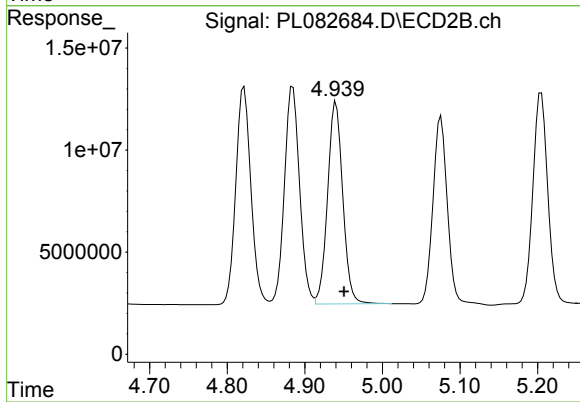
#9 Endosulfan I

R.T.: 5.824 min
Delta R.T.: 0.002 min
Response: 154954309
Conc: 55.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

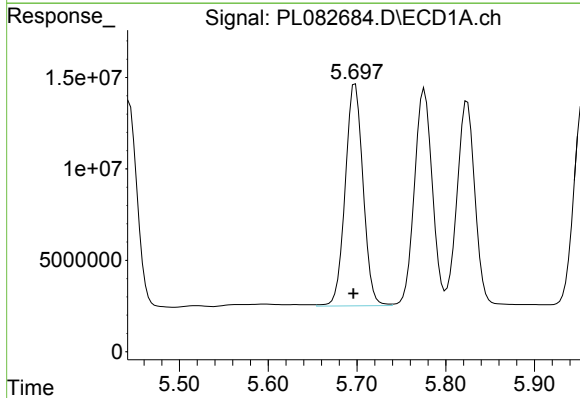
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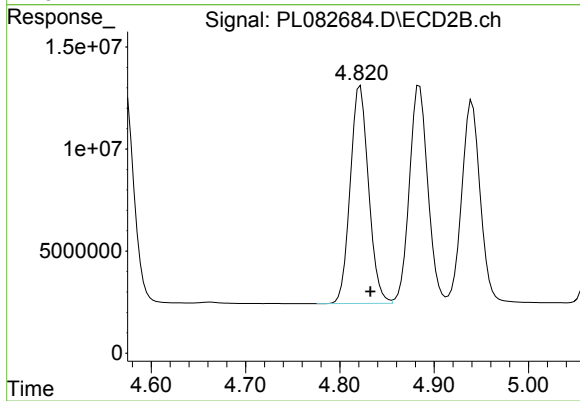
#9 Endosulfan I

R.T.: 4.940 min
Delta R.T.: -0.010 min
Response: 134519097
Conc: 50.39 ng/ml



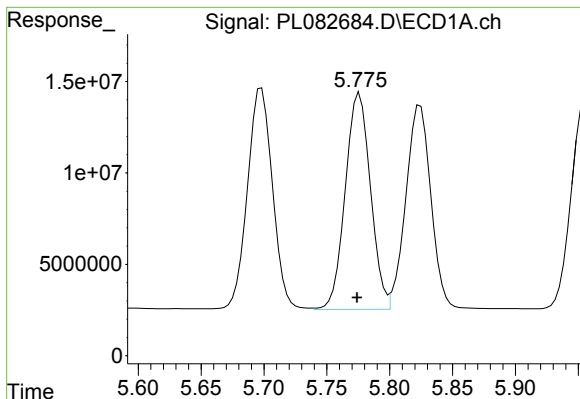
#10 gamma-Chlordane

R.T.: 5.698 min
Delta R.T.: 0.002 min
Response: 169485928
Conc: 56.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.011 min
Response: 144145390
Conc: 49.67 ng/ml



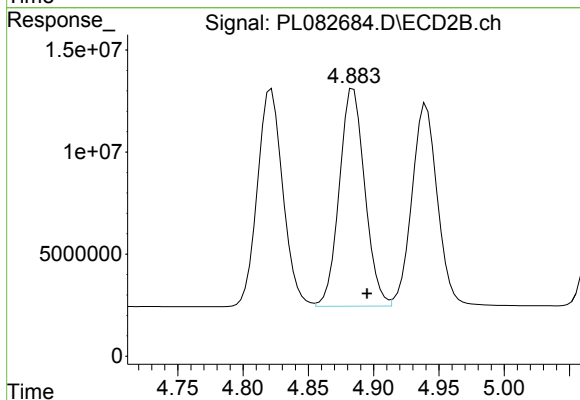
#11 alpha-Chlordane

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 165281281
Conc: 55.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

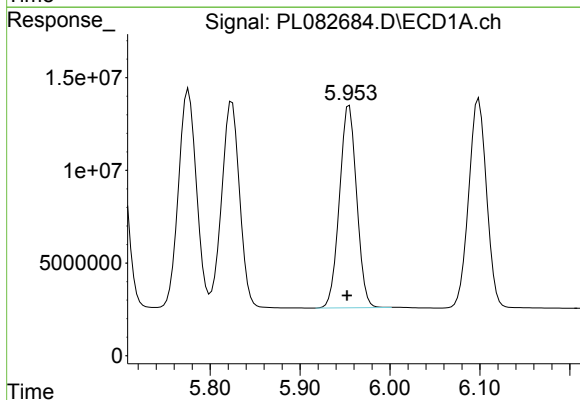
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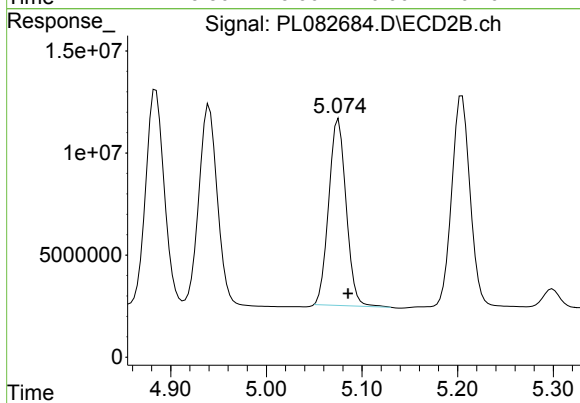
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 145050939
Conc: 49.97 ng/ml



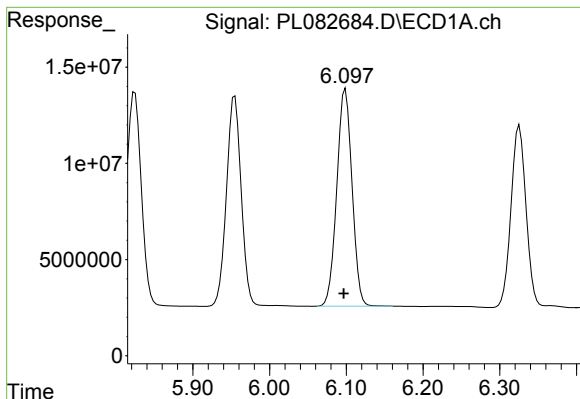
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: 0.002 min
Response: 145094877
Conc: 57.08 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.010 min
Response: 115114763
Conc: 50.07 ng/ml



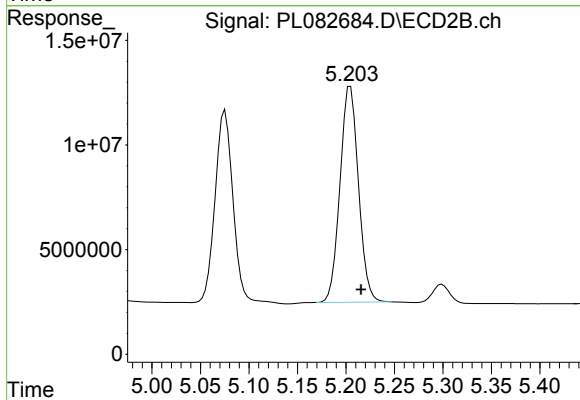
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 155993136
Conc: 56.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

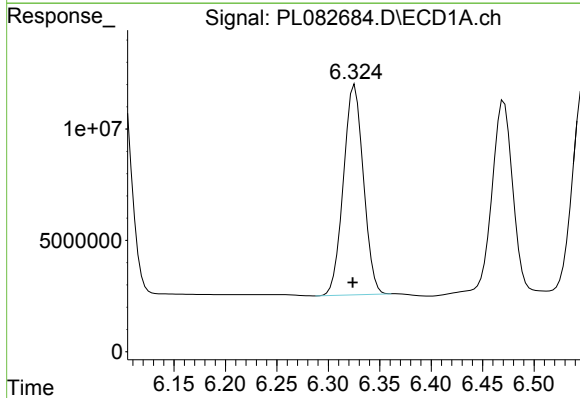
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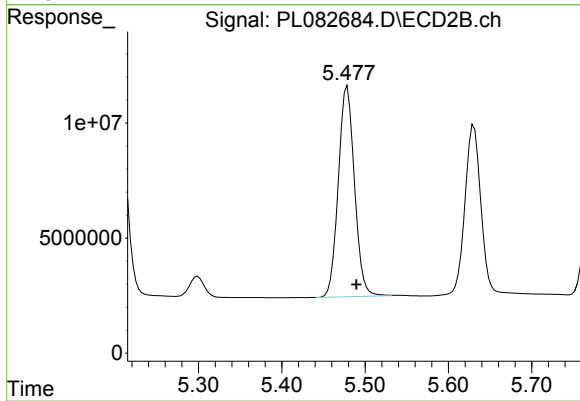
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 136582789
Conc: 50.58 ng/ml m



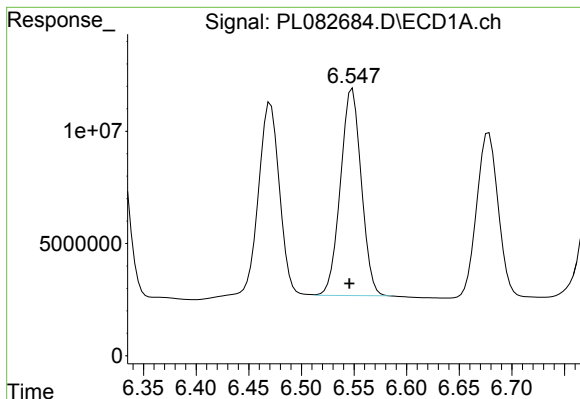
#14 Endrin

R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 127563573
Conc: 52.61 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: -0.012 min
Response: 123282319
Conc: 50.40 ng/ml m



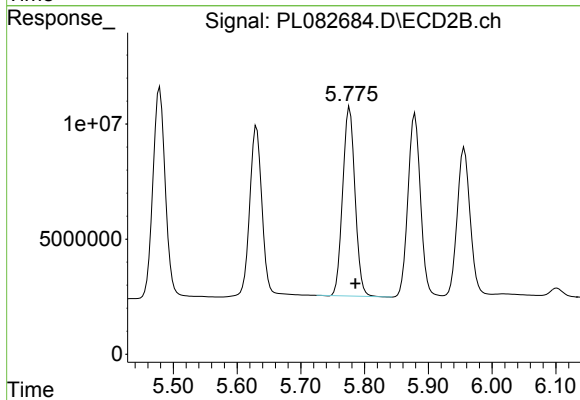
#15 Endosulfan II

R.T.: 6.548 min
Delta R.T.: 0.003 min
Response: 127379675
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

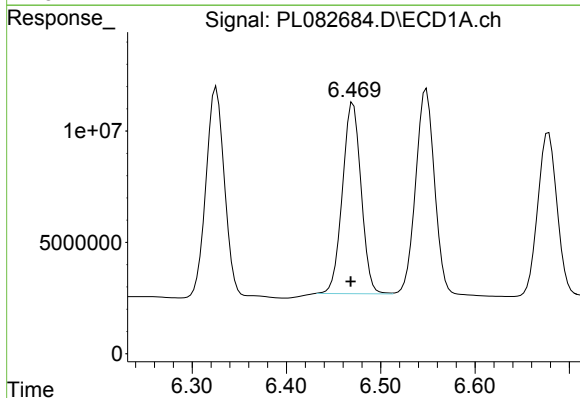
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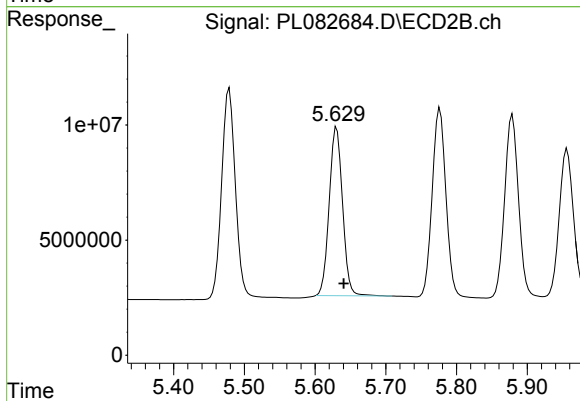
#15 Endosulfan II

R.T.: 5.777 min
Delta R.T.: -0.009 min
Response: 110653491
Conc: 49.09 ng/ml



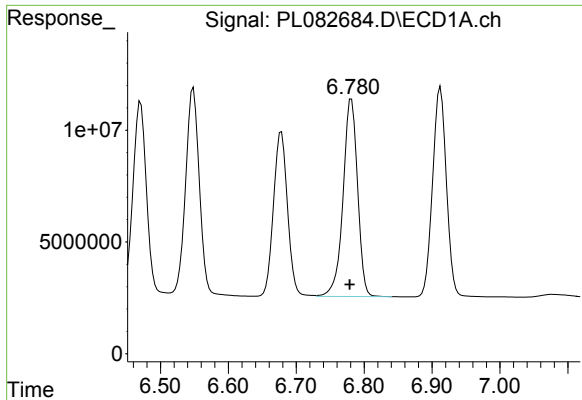
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 117950172
Conc: 58.18 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: -0.010 min
Response: 95988813
Conc: 51.32 ng/ml



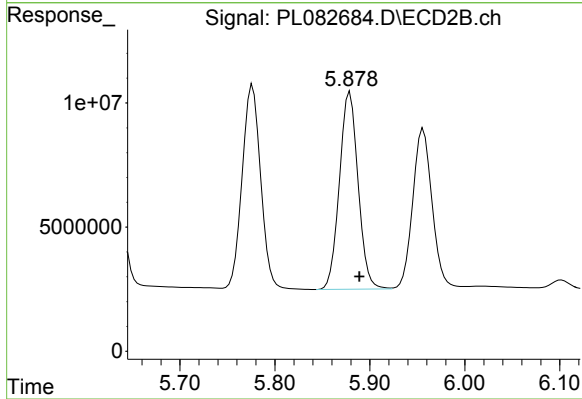
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 131273076
Conc: 57.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

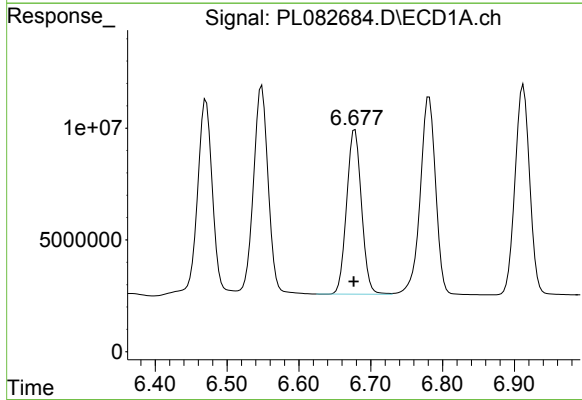
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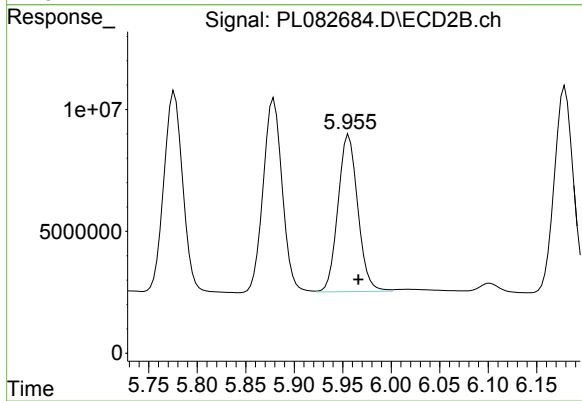
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 108763975
Conc: 51.48 ng/ml



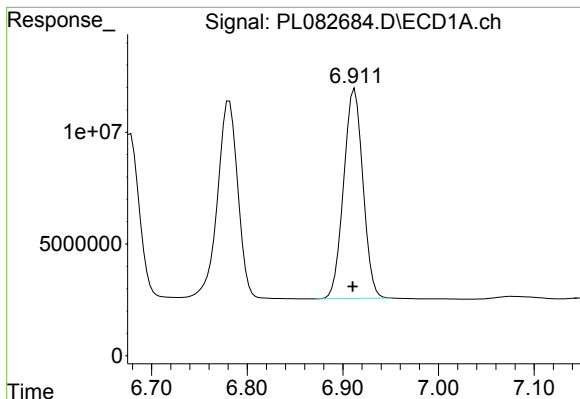
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 105530833
Conc: 56.01 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.010 min
Response: 91431752
Conc: 48.86 ng/ml



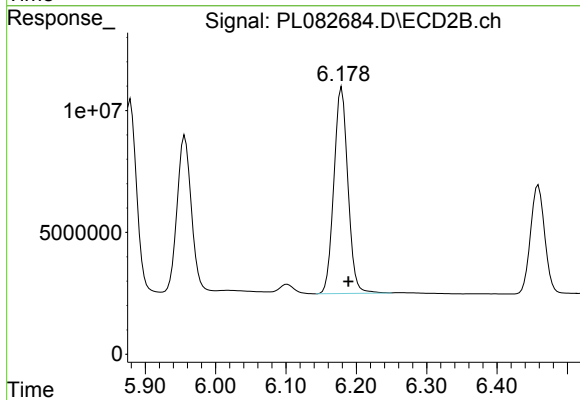
#19 Endosulfan Sulfate

R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 131711238
Conc: 55.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

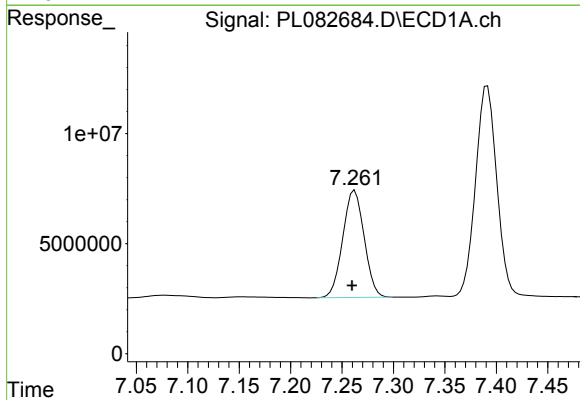
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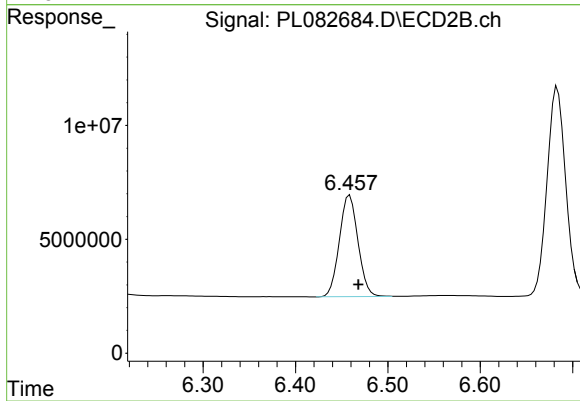
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: -0.009 min
Response: 117067396
Conc: 49.73 ng/ml



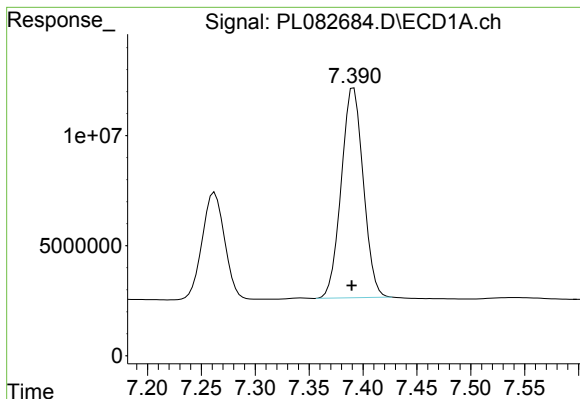
#20 Methoxychlor

R.T.: 7.262 min
Delta R.T.: 0.003 min
Response: 70452977
Conc: 57.73 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.011 min
Response: 62389582
Conc: 51.48 ng/ml m



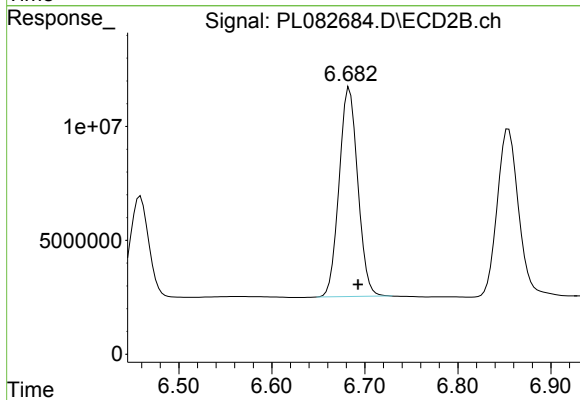
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: 0.002 min
Response: 135956987
Conc: 56.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

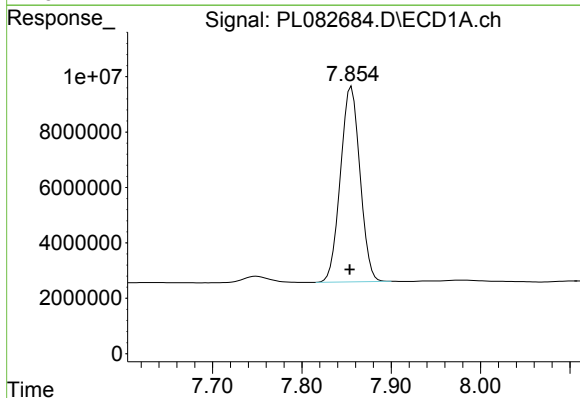
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APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



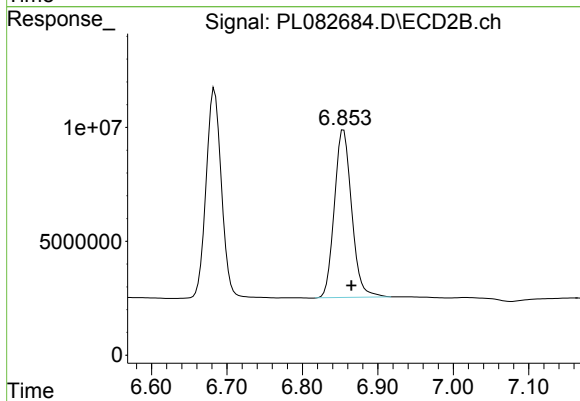
#21 Endrin ketone

R.T.: 6.682 min
Delta R.T.: -0.011 min
Response: 127828867
Conc: 50.36 ng/ml m



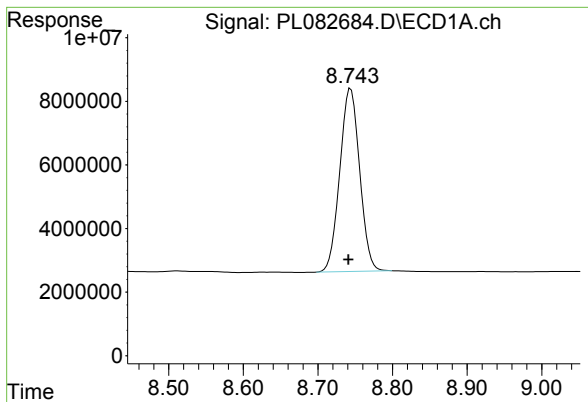
#22 Mirex

R.T.: 7.856 min
Delta R.T.: 0.002 min
Response: 107136324
Conc: 54.76 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.012 min
Response: 117289521
Conc: 50.90 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.744 min
Delta R.T.: 0.003 min
Response: 106398947
Conc: 55.73 ng/ml

Instrument :

ECD_L

ClientSampleId :

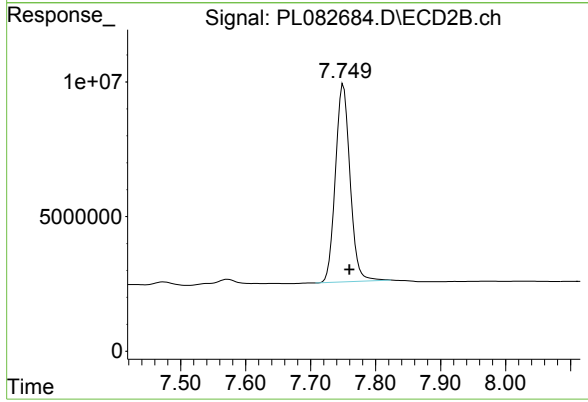
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 114707812
Conc: 50.26 ng/ml m