

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
 Data File : PL0833391.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 11:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/14/2023
 Supervised By : Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 12:39:19 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...	3.314	2.632	143.7E6	124.0E6	48.877	47.778
28)	SA Decachlor...	8.730	7.733	105.6E6	122.9E6	50.358	49.408
Target Compounds							
2)	A alpha-BHC	3.763	3.127	217.7E6	179.0E6	49.029	47.979
3)	MA gamma-BHC...	4.091	3.452	204.4E6	164.9E6	49.329	49.484m
4)	MA Heptachlor	4.668	3.783	192.5E6	171.3E6	50.373	46.784
5)	MB Aldrin	5.004	4.059	179.9E6	155.6E6	51.132	47.826
6)	B beta-BHC	4.295	3.754	88554671	67648014	47.035	47.303
7)	B delta-BHC	4.536	3.979	196.7E6	160.2E6	57.197	48.880
8)	B Heptachlo...	5.430	4.558	162.9E6	142.9E6	50.937	48.149m
9)	A Endosulfan I	5.811	4.927	153.0E6	134.0E6	50.987	47.947
10)	B gamma-Chl...	5.685	4.809	165.4E6	144.2E6	52.072	48.018
11)	B alpha-Chl...	5.763	4.871	164.4E6	143.8E6	51.225	47.918
12)	B 4,4'-DDE	5.942	5.060	144.3E6	123.9E6	52.337	51.022m
13)	MA Dieldrin	6.085	5.189	152.8E6	135.5E6	50.806	47.998m
14)	MA Endrin	6.313	5.463	129.7E6	117.1E6	48.270	46.165m
15)	B Endosulfa...	6.535	5.761	125.4E6	113.8E6	47.185	45.977
16)	A 4,4'-DDD	6.458	5.614	117.6E6	99992123	54.136	51.992m
17)	MA 4,4'-DDT	6.768	5.862	121.3E6	104.3E6	48.474	46.771m
18)	B Endrin al...	6.664	5.941	103.5E6	92740863	51.463m	46.899
19)	B Endosulfa...	6.900	6.164	130.3E6	117.4E6	50.811	47.951
20)	A Methoxychlor	7.250	6.442	64631581	58801871	48.875	46.237m
21)	B Endrin ke...	7.379	6.667	134.4E6	132.5E6	52.670	49.013m
22)	Mirex	7.842	6.837	104.5E6	112.9E6	49.874	48.243m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
Data File : PL083391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2023 11:33
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

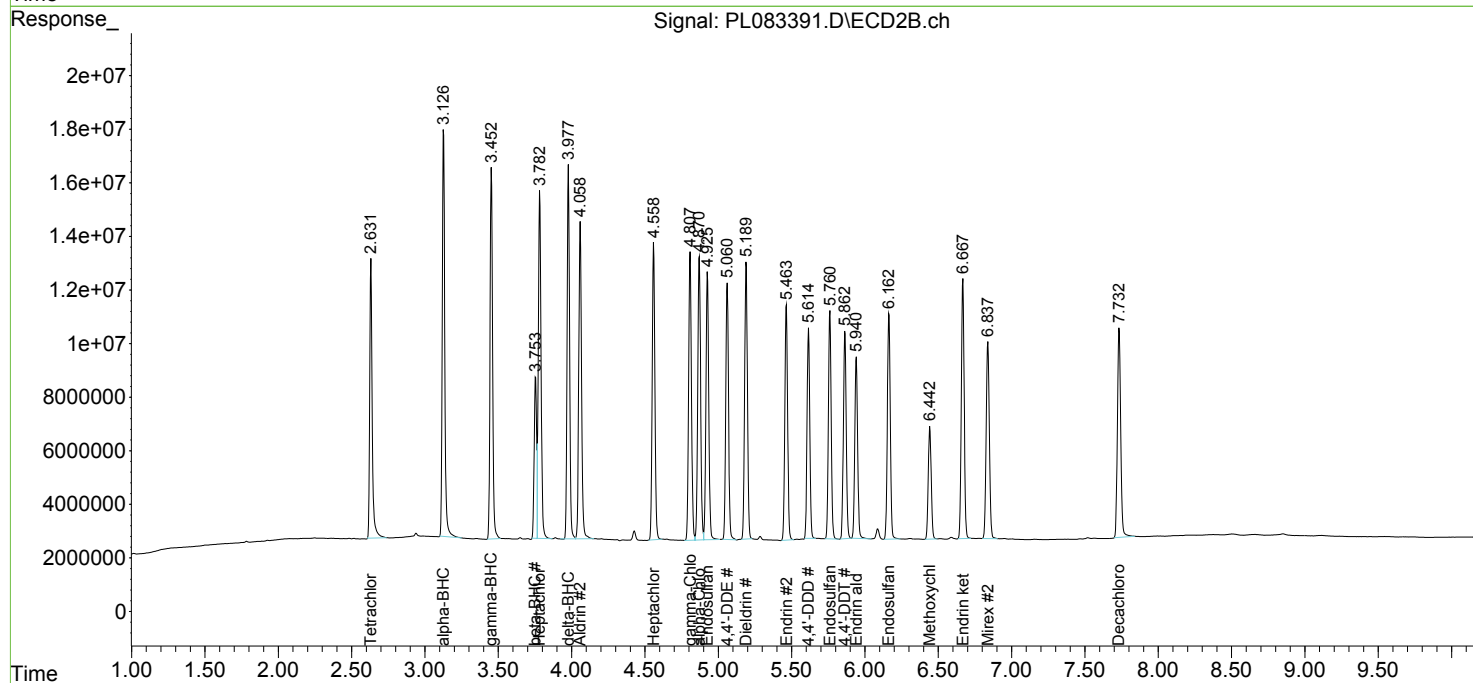
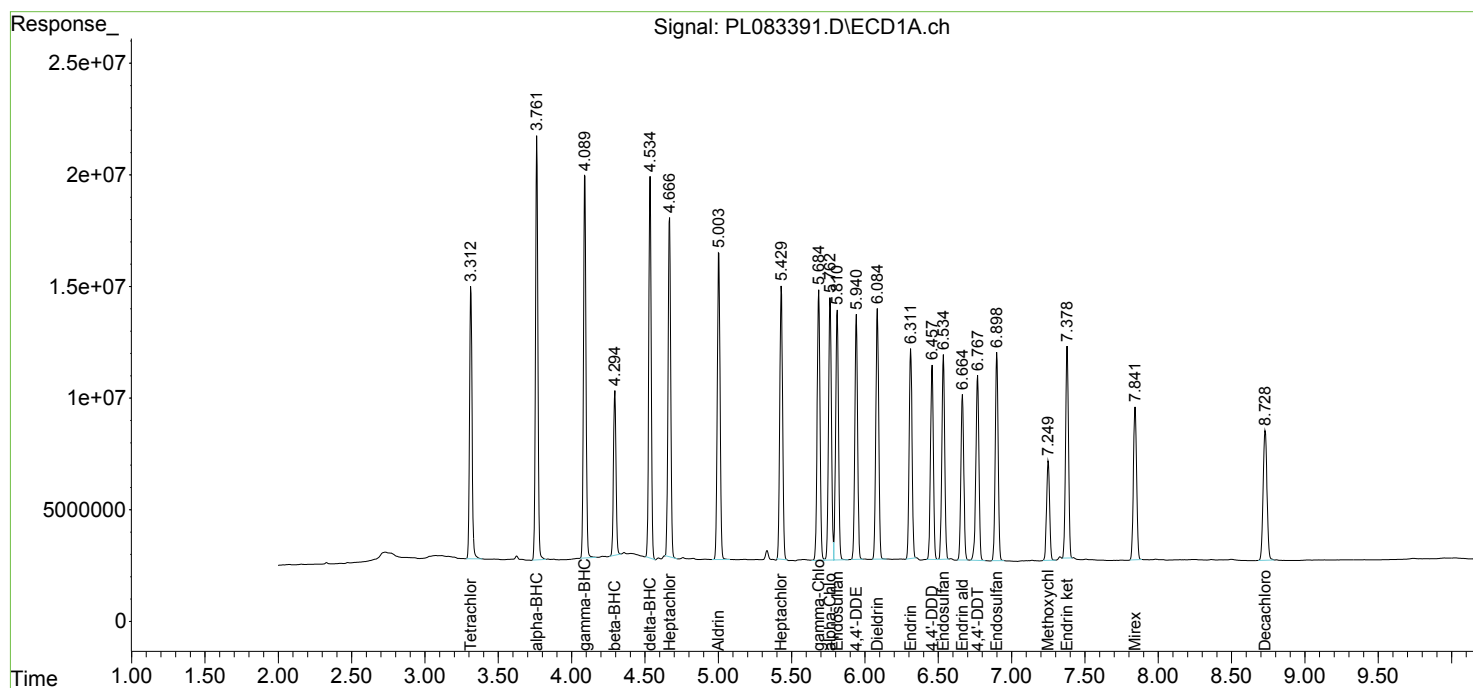
APPROVED

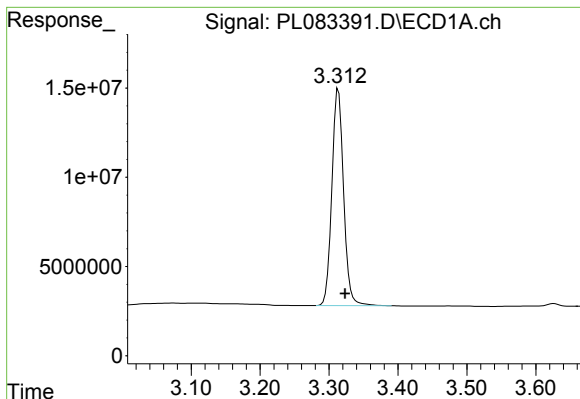
Reviewed By :Abdul Mirza 06/14/2023

Supervised By :Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:39:19 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





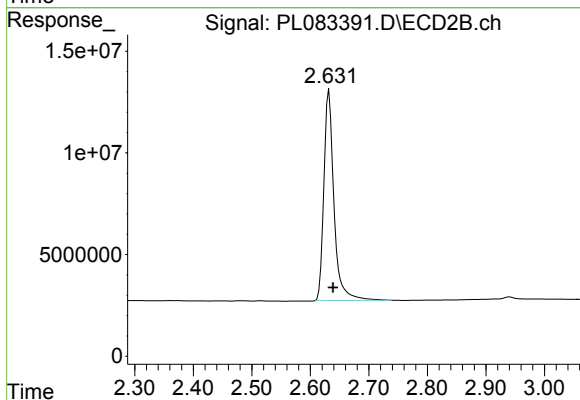
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 143651695
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

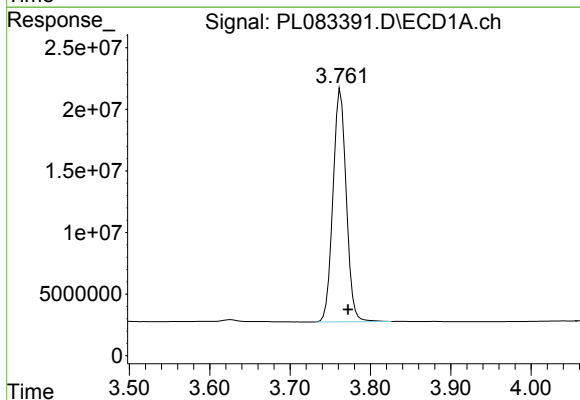
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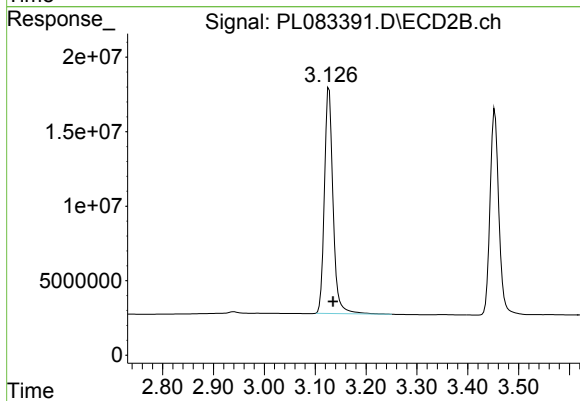
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 124035954
Conc: 47.78 ng/ml



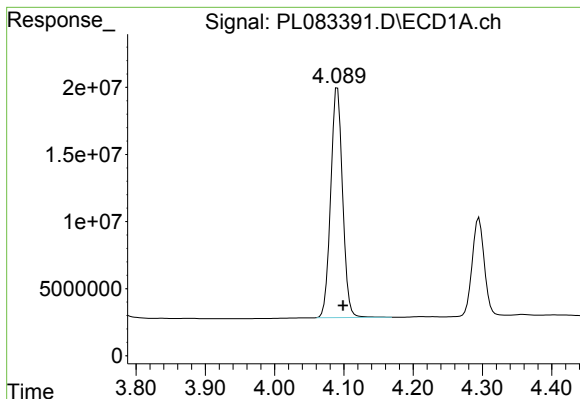
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 217650342
Conc: 49.03 ng/ml



#2 alpha-BHC

R.T.: 3.127 min
Delta R.T.: -0.008 min
Response: 179029985
Conc: 47.98 ng/ml



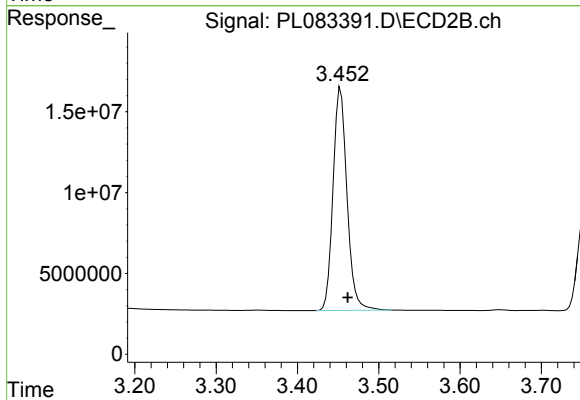
#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 204367274
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

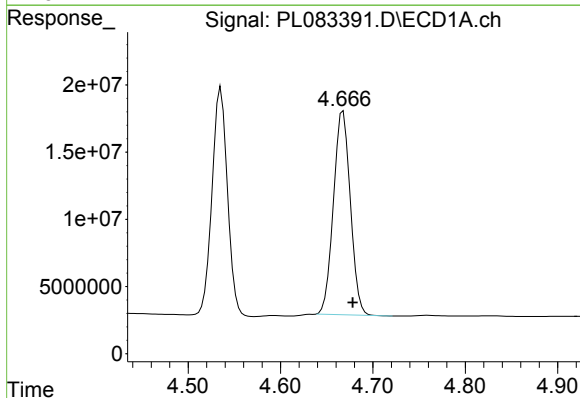
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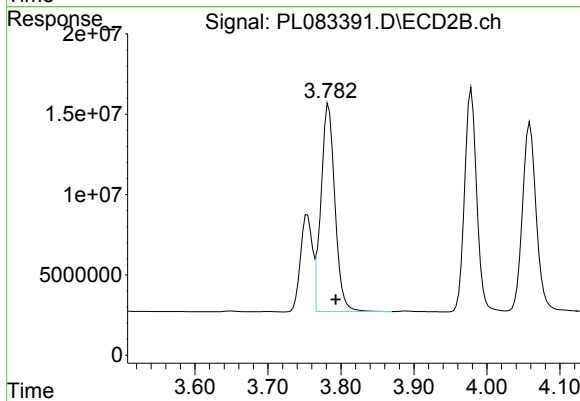
#3 gamma-BHC (Lindane)

R.T.: 3.452 min
Delta R.T.: -0.010 min
Response: 164945312
Conc: 49.48 ng/ml m



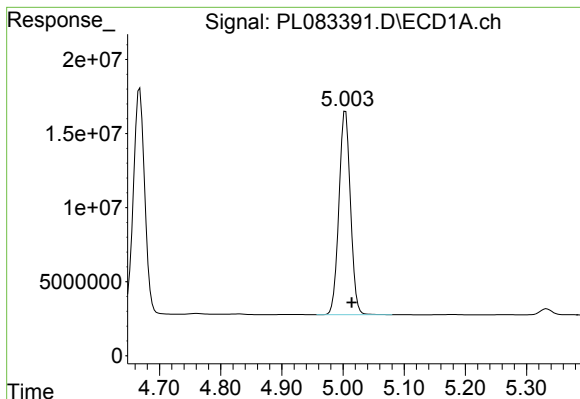
#4 Heptachlor

R.T.: 4.668 min
Delta R.T.: -0.010 min
Response: 192547395
Conc: 50.37 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.010 min
Response: 171281645
Conc: 46.78 ng/ml



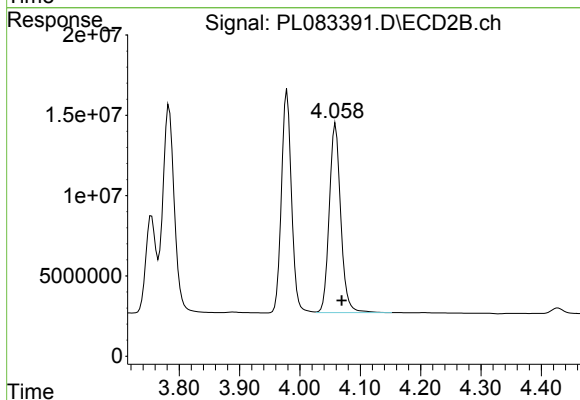
#5 Aldrin

R.T.: 5.004 min
Delta R.T.: -0.010 min
Response: 179889062
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

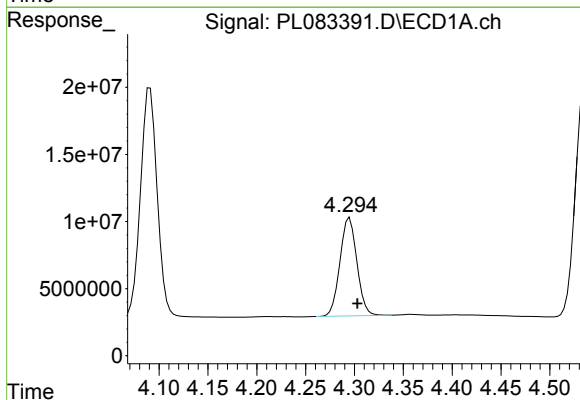
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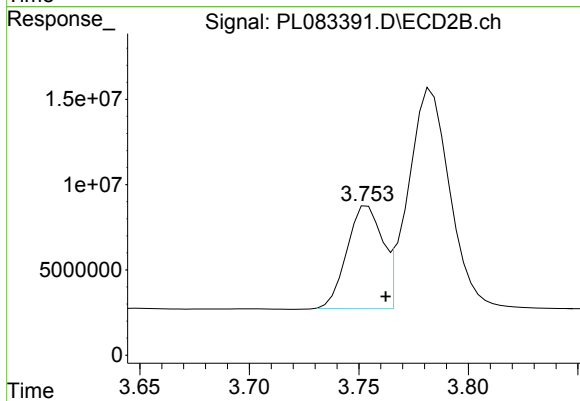
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.011 min
Response: 155608861
Conc: 47.83 ng/ml



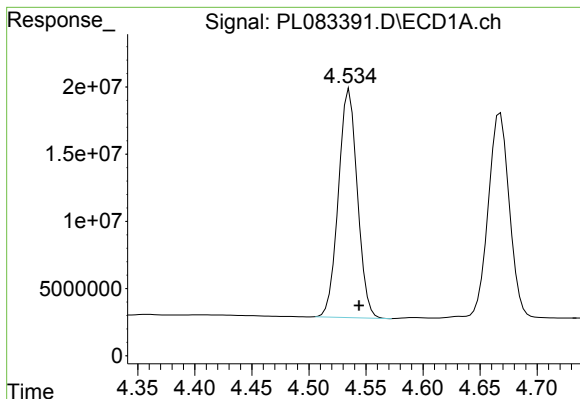
#6 beta-BHC

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 88554671
Conc: 47.04 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: -0.008 min
Response: 67648014
Conc: 47.30 ng/ml



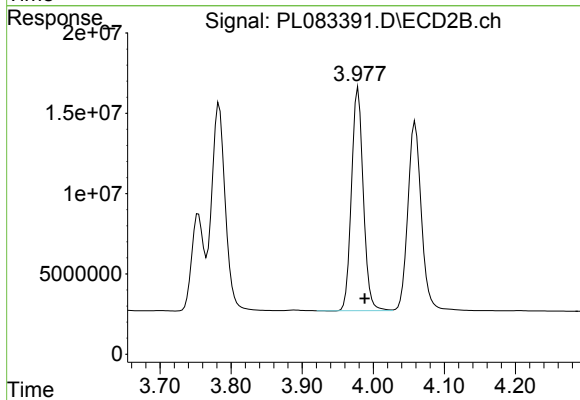
#7 delta-BHC

R.T.: 4.536 min
Delta R.T.: -0.008 min
Response: 196694907
Conc: 57.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

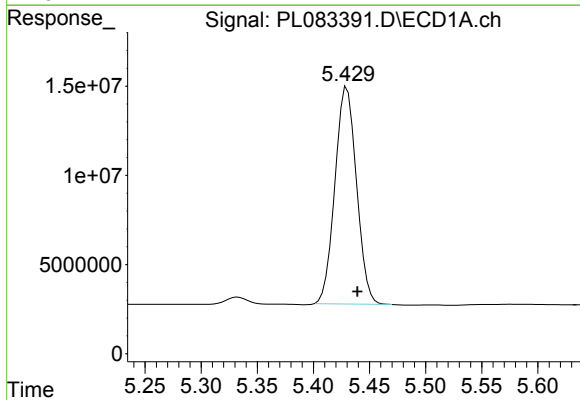
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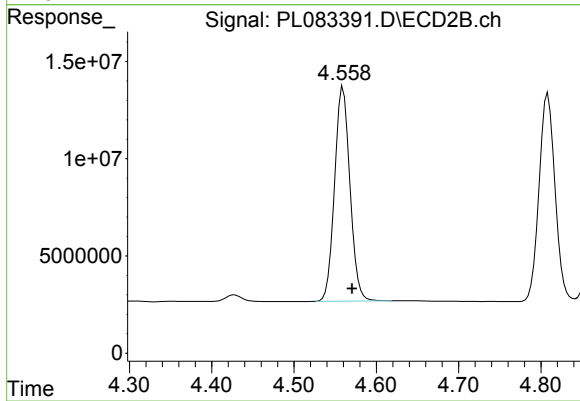
#7 delta-BHC

R.T.: 3.979 min
Delta R.T.: -0.009 min
Response: 160154278
Conc: 48.88 ng/ml



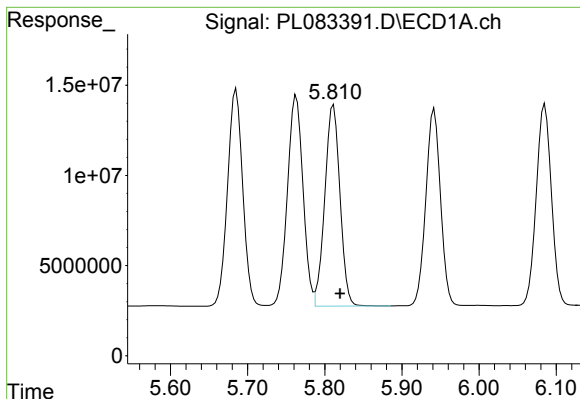
#8 Heptachlor epoxide

R.T.: 5.430 min
Delta R.T.: -0.009 min
Response: 162931469
Conc: 50.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.558 min
Delta R.T.: -0.012 min
Response: 142900291
Conc: 48.15 ng/ml m



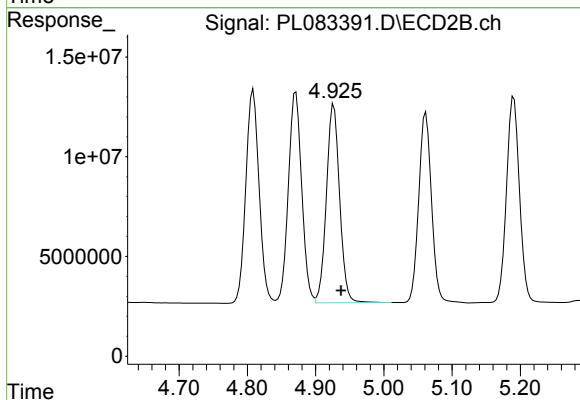
#9 Endosulfan I

R.T.: 5.811 min
Delta R.T.: -0.009 min
Response: 152992269
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

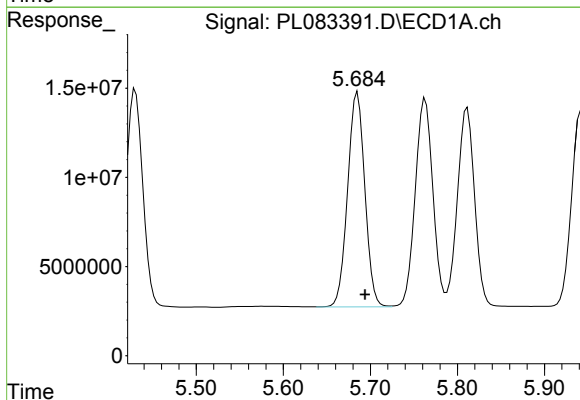
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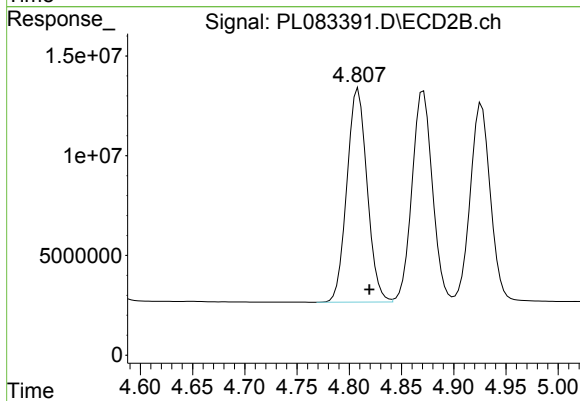
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: -0.011 min
Response: 133980564
Conc: 47.95 ng/ml



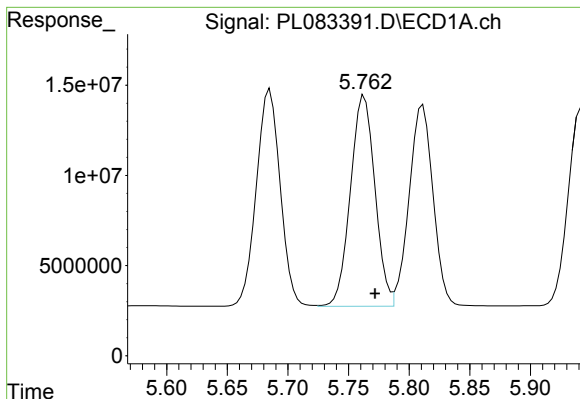
#10 gamma-Chlordane

R.T.: 5.685 min
Delta R.T.: -0.009 min
Response: 165432054
Conc: 52.07 ng/ml



#10 gamma-Chlordane

R.T.: 4.809 min
Delta R.T.: -0.011 min
Response: 144215527
Conc: 48.02 ng/ml



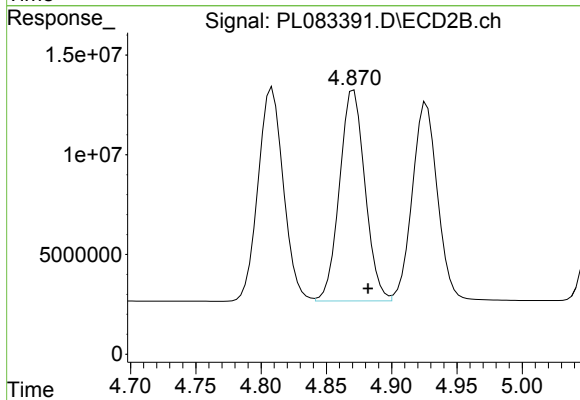
#11 alpha-Chlordane

R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 164397889
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

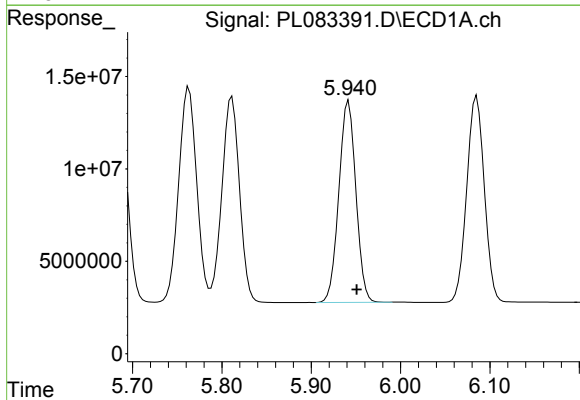
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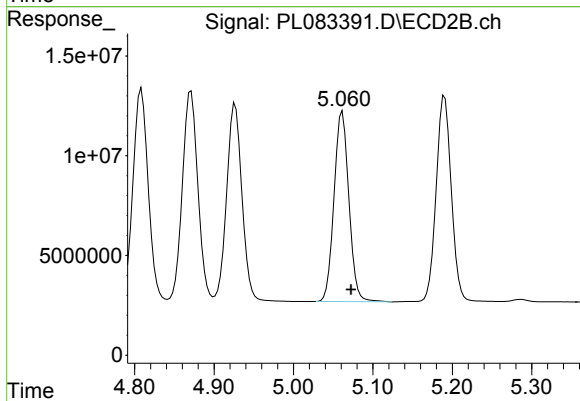
#11 alpha-Chlordane

R.T.: 4.871 min
Delta R.T.: -0.011 min
Response: 143848338
Conc: 47.92 ng/ml



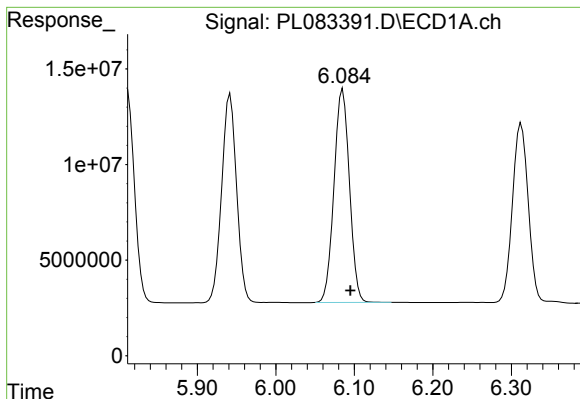
#12 4,4'-DDE

R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 144268647
Conc: 52.34 ng/ml



#12 4,4'-DDE

R.T.: 5.060 min
Delta R.T.: -0.012 min
Response: 123920744
Conc: 51.02 ng/ml m



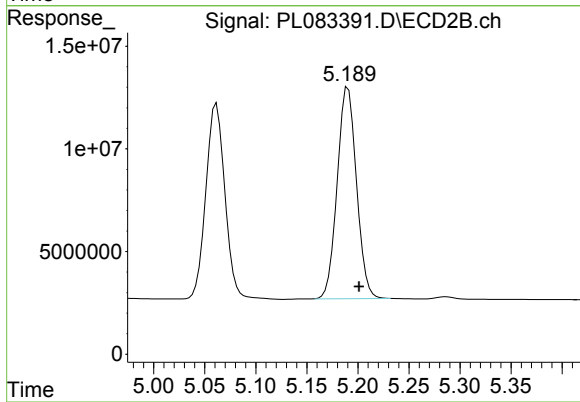
#13 Dieldrin

R.T.: 6.085 min
Delta R.T.: -0.010 min
Response: 152816419
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

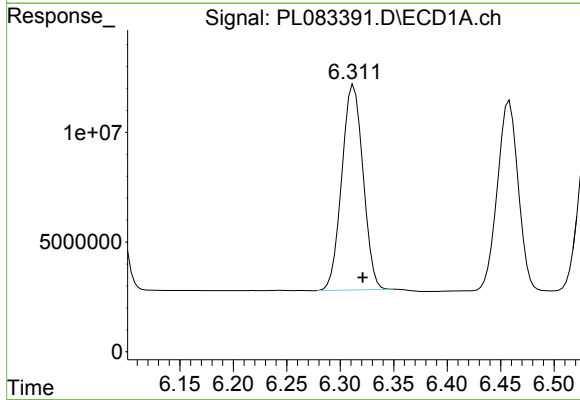
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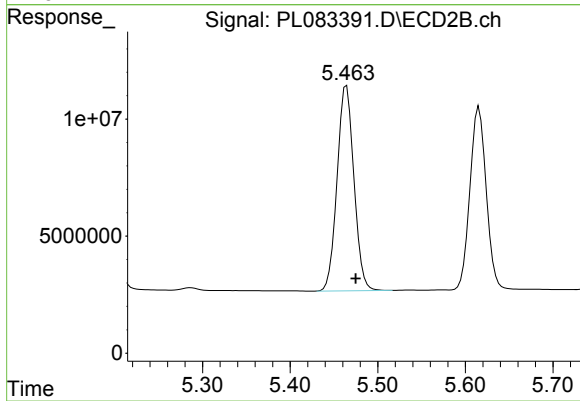
#13 Dieldrin

R.T.: 5.189 min
Delta R.T.: -0.012 min
Response: 135495067
Conc: 48.00 ng/ml m



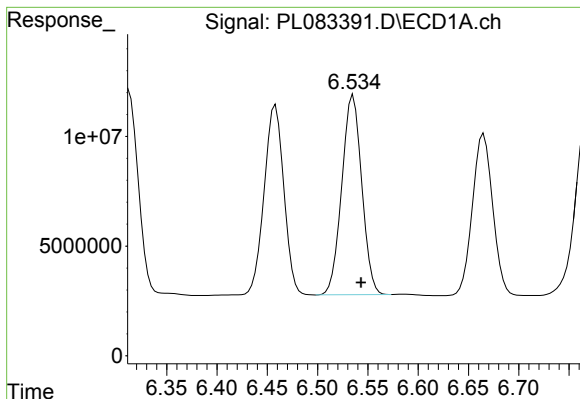
#14 Endrin

R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 129714727
Conc: 48.27 ng/ml



#14 Endrin

R.T.: 5.463 min
Delta R.T.: -0.012 min
Response: 117119661
Conc: 46.17 ng/ml m



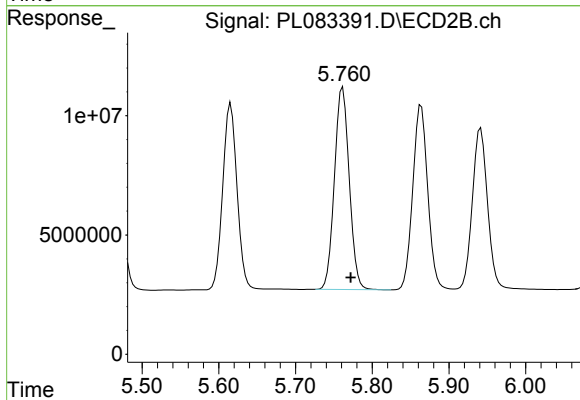
#15 Endosulfan II

R.T.: 6.535 min
Delta R.T.: -0.008 min
Response: 125409424
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

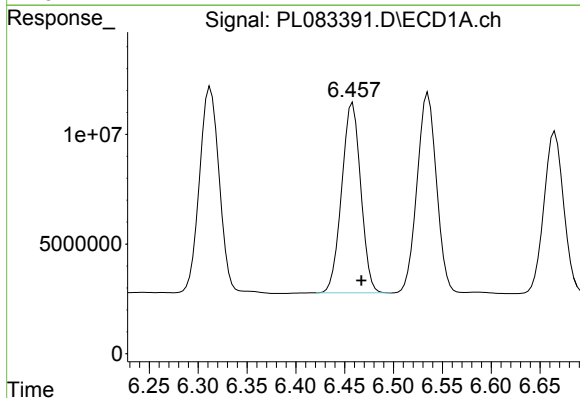
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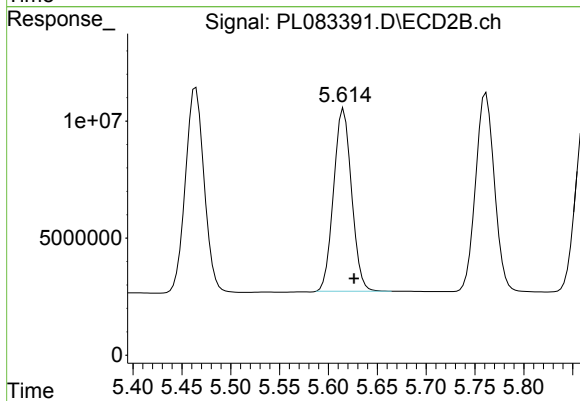
#15 Endosulfan II

R.T.: 5.761 min
Delta R.T.: -0.010 min
Response: 113755949
Conc: 45.98 ng/ml



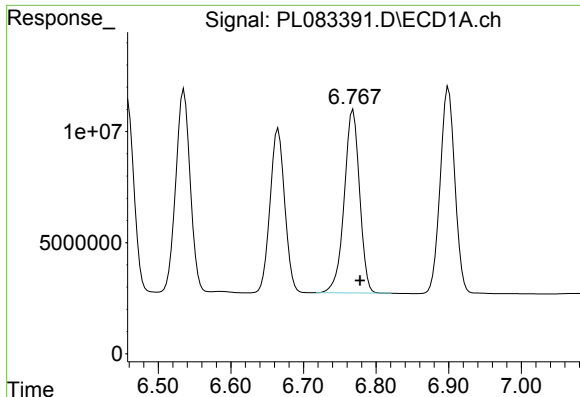
#16 4,4'-DDD

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 117640916
Conc: 54.14 ng/ml



#16 4,4'-DDD

R.T.: 5.614 min
Delta R.T.: -0.012 min
Response: 99992123
Conc: 51.99 ng/ml m



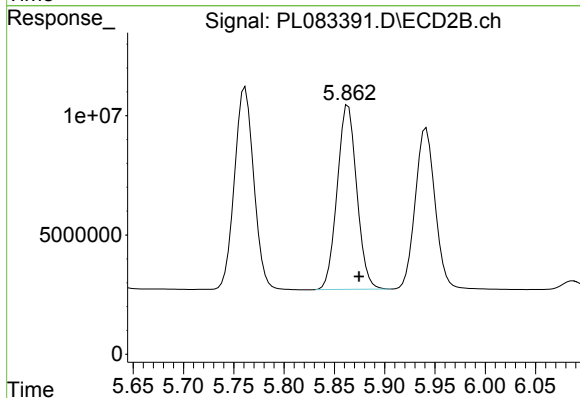
#17 4,4'-DDT

R.T.: 6.768 min
Delta R.T.: -0.010 min
Response: 121338383
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

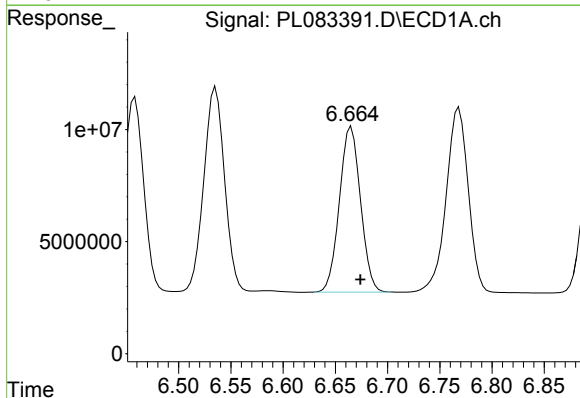
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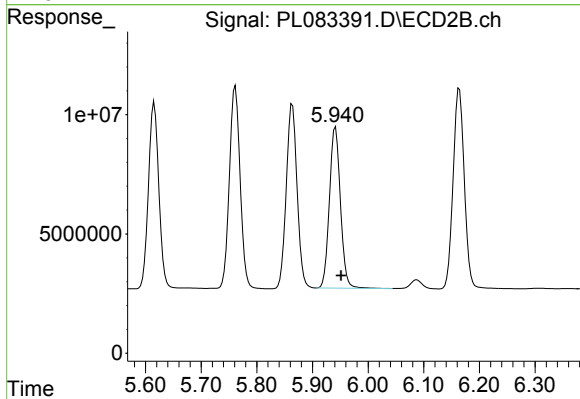
#17 4,4'-DDT

R.T.: 5.862 min
Delta R.T.: -0.012 min
Response: 104346760
Conc: 46.77 ng/ml m



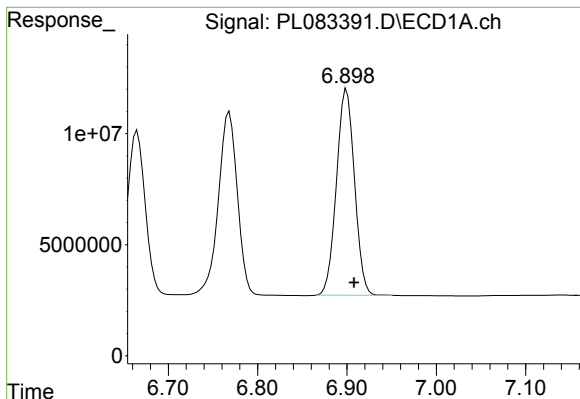
#18 Endrin aldehyde

R.T.: 6.664 min
Delta R.T.: -0.010 min
Response: 103473382
Conc: 51.46 ng/ml m



#18 Endrin aldehyde

R.T.: 5.941 min
Delta R.T.: -0.010 min
Response: 92740863
Conc: 46.90 ng/ml



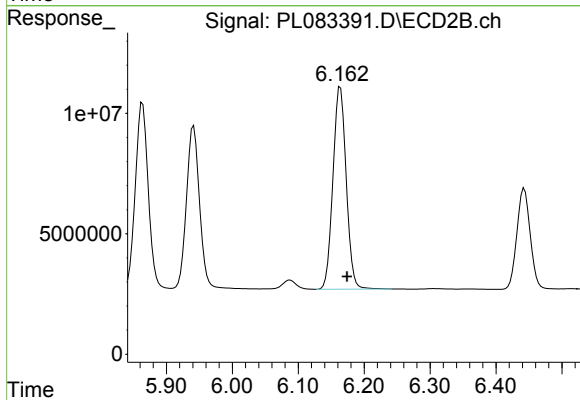
#19 Endosulfan Sulfate

R.T.: 6.900 min
Delta R.T.: -0.008 min
Response: 130266060
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

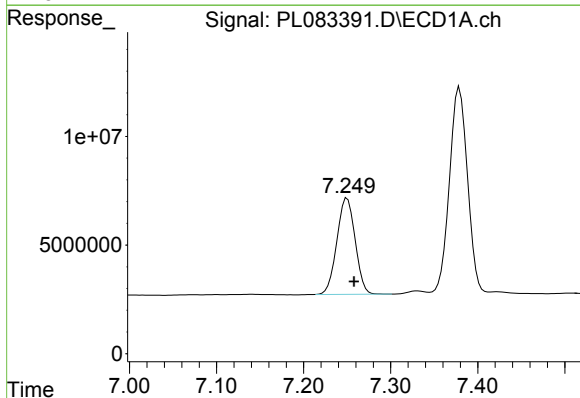
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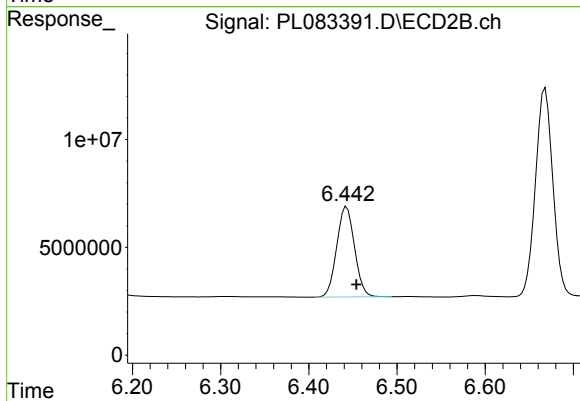
#19 Endosulfan Sulfate

R.T.: 6.164 min
Delta R.T.: -0.010 min
Response: 117431933
Conc: 47.95 ng/ml



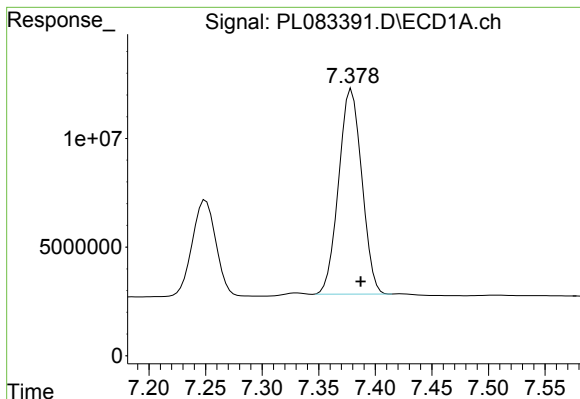
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 64631581
Conc: 48.88 ng/ml



#20 Methoxychlor

R.T.: 6.442 min
Delta R.T.: -0.012 min
Response: 58801871
Conc: 46.24 ng/ml m



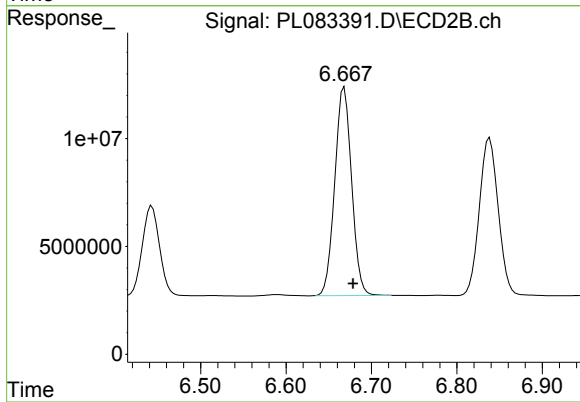
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 134351492
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

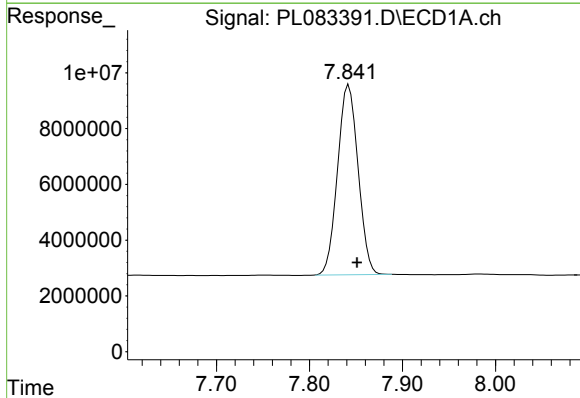
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/14/2023
Supervised By :Ankita Jodhani 06/14/2023



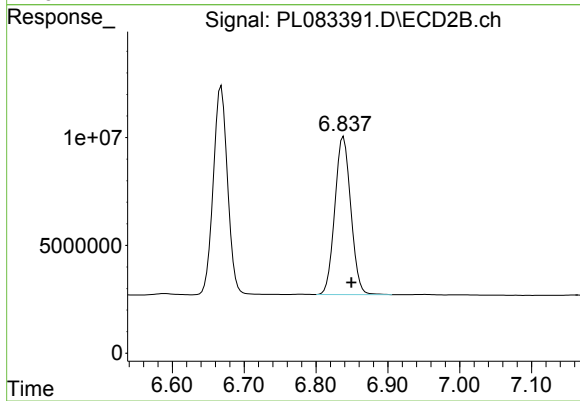
#21 Endrin ketone

R.T.: 6.667 min
Delta R.T.: -0.011 min
Response: 132522795
Conc: 49.01 ng/ml m



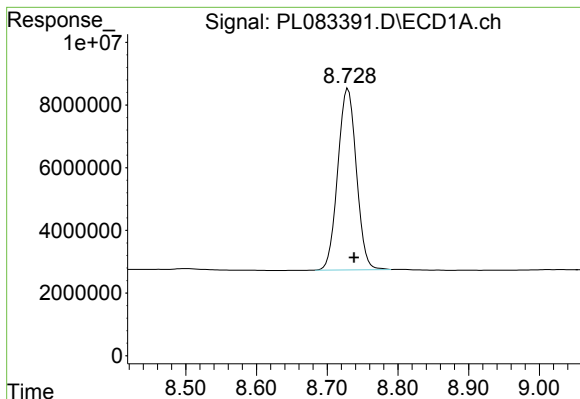
#22 Mirex

R.T.: 7.842 min
Delta R.T.: -0.009 min
Response: 104536919
Conc: 49.87 ng/ml



#22 Mirex

R.T.: 6.837 min
Delta R.T.: -0.012 min
Response: 112879909
Conc: 48.24 ng/ml m



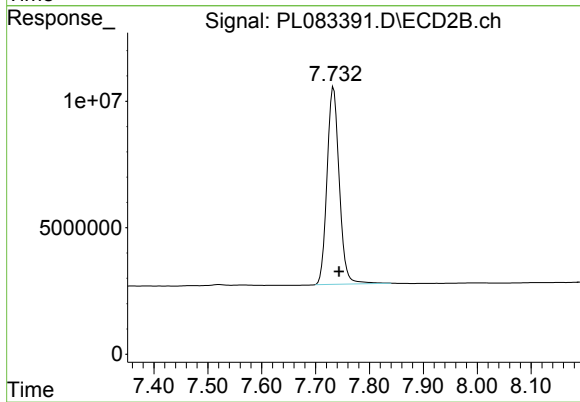
#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 105618110
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.733 min
Delta R.T.: -0.010 min
Response: 122854948
Conc: 49.41 ng/ml