

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
 Data File : PL083401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 16:29
 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 21:31:09 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...	3.315	2.633	142.1E6	122.2E6	48.352	47.078
28)	SA Decachlor...	8.734	7.737	104.5E6	122.2E6	49.819	49.151
Target Compounds							
2)	A alpha-BHC	3.764	3.129	217.7E6	175.4E6	49.033	47.001
3)	MA gamma-BHC...	4.092	3.455	202.1E6	159.9E6	48.781	47.977
4)	MA Heptachlor	4.670	3.785	191.4E6	167.2E6	50.072	45.680
5)	MB Aldrin	5.007	4.061	179.6E6	152.2E6	51.038	46.770
6)	B beta-BHC	4.297	3.756	88794201	66987315	47.162	46.841
7)	B delta-BHC	4.538	3.981	197.6E6	157.3E6	57.448	47.996
8)	B Heptachlo...	5.433	4.562	162.8E6	137.9E6	50.902	46.455
9)	A Endosulfan I	5.815	4.929	148.5E6	131.3E6	49.491	46.996
10)	B gamma-Chl...	5.688	4.811	161.9E6	141.4E6	50.971	47.088
11)	B alpha-Chl...	5.767	4.874	159.5E6	141.0E6	49.704	46.969
12)	B 4,4'-DDE	5.945	5.063	142.2E6	121.4E6	51.603	49.985m
13)	MA Dieldrin	6.089	5.192	148.4E6	132.9E6	49.337	47.083m
14)	MA Endrin	6.316	5.468	126.1E6	113.4E6	46.931	44.695
15)	B Endosulfa...	6.539	5.765	122.4E6	111.7E6	45.952	45.157
16)	A 4,4'-DDD	6.462	5.619	115.1E6	99382095	52.957	51.674
17)	MA 4,4'-DDT	6.772	5.867	121.4E6	101.6E6	48.482	45.555
18)	B Endrin al...	6.670	5.945	101.7E6	91347130	50.600	46.194
19)	B Endosulfa...	6.904	6.168	129.8E6	115.7E6	50.616	47.247
20)	A Methoxychlor	7.254	6.446	60457808	58188292	45.719	45.755
21)	B Endrin ke...	7.383	6.672	128.9E6	130.9E6	50.548	48.410
22)	Mirex	7.848	6.842	102.3E6	108.4E6	48.795	46.349

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
Data File : PL083401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2023 16:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

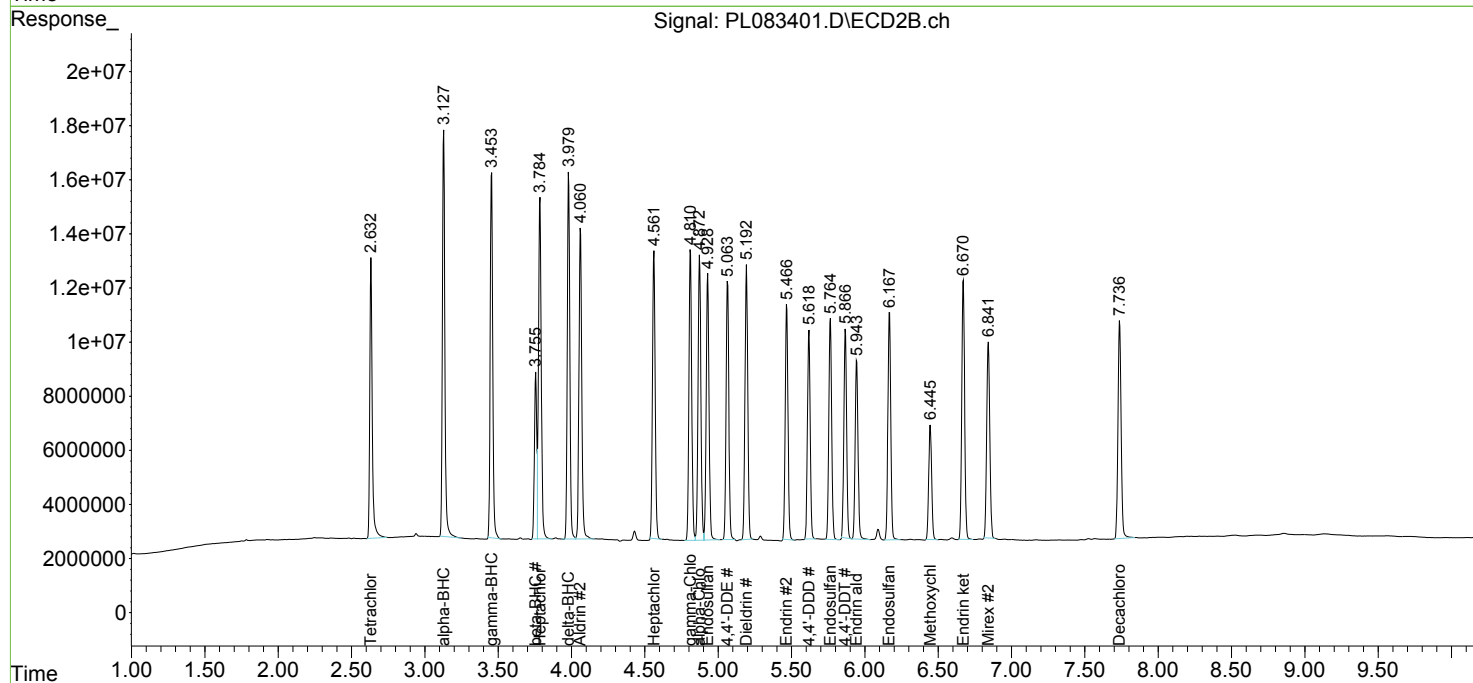
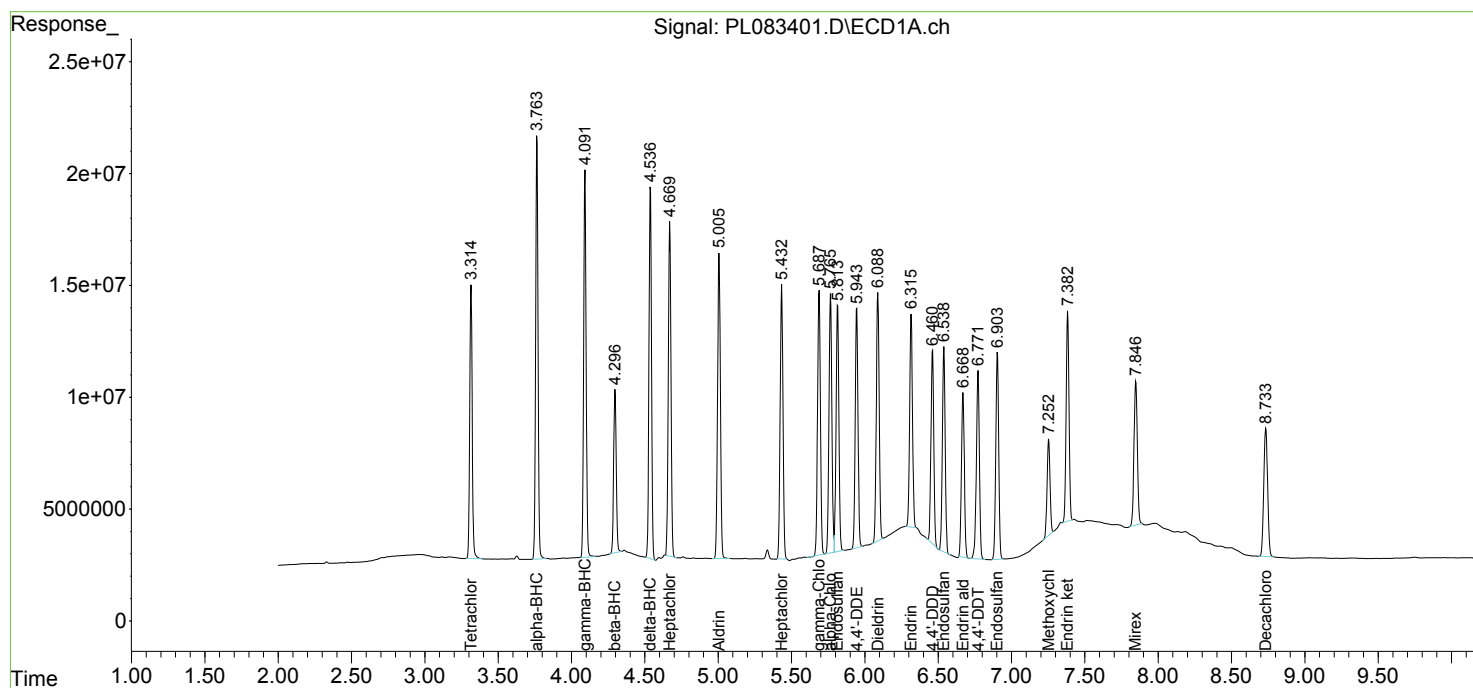
APPROVED

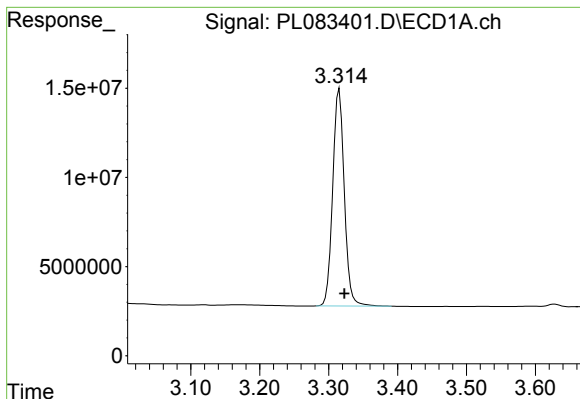
Reviewed By :Abdul Mirza 06/14/2023

Supervised By :Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 21:31:09 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





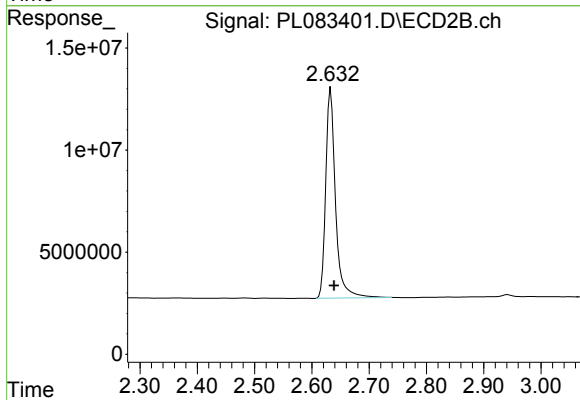
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 142106159
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

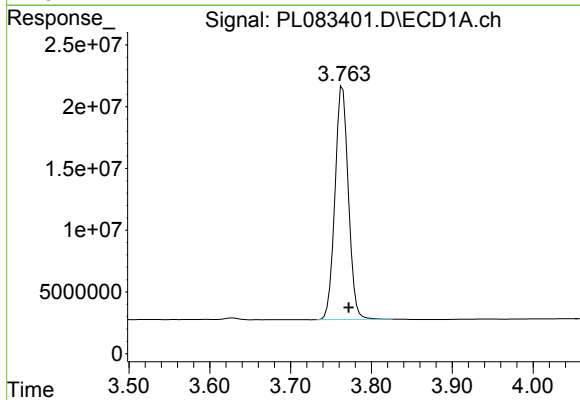
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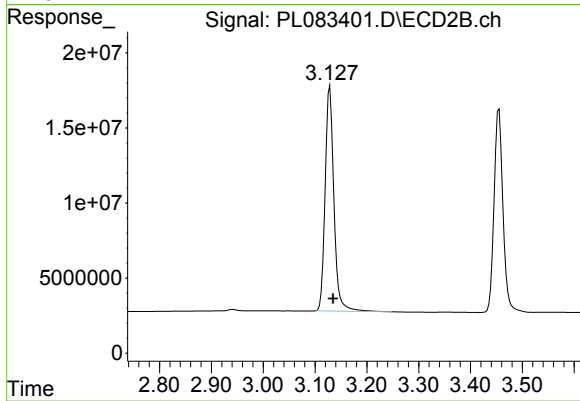
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 122217460
Conc: 47.08 ng/ml



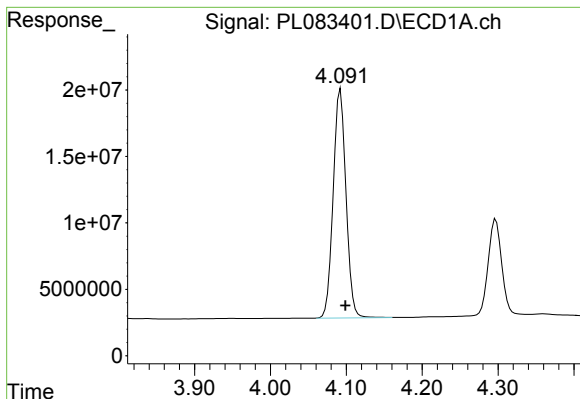
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 217668525
Conc: 49.03 ng/ml



#2 alpha-BHC

R.T.: 3.129 min
Delta R.T.: -0.007 min
Response: 175380053
Conc: 47.00 ng/ml



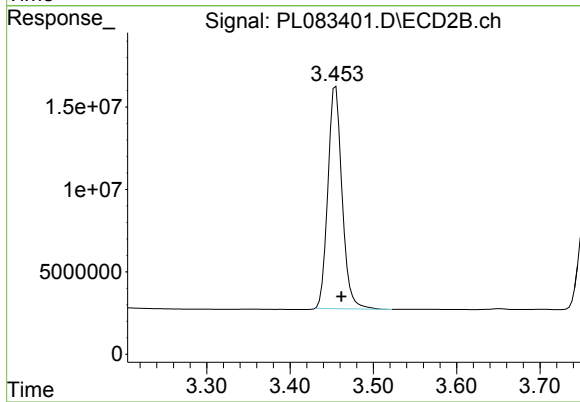
#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 202097196
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

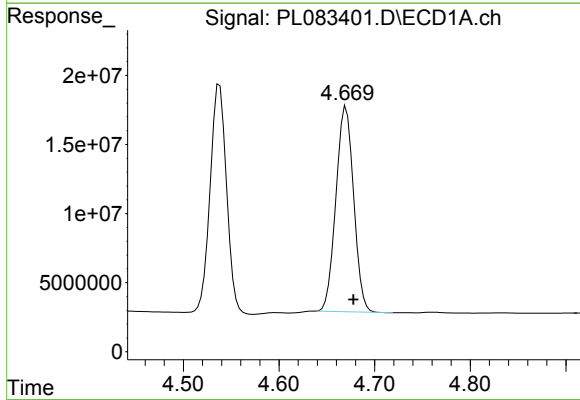
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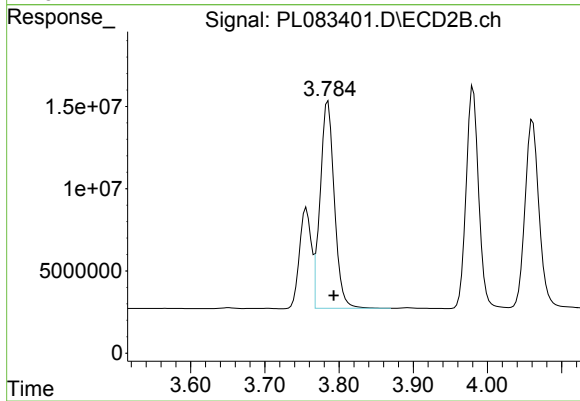
#3 gamma-BHC (Lindane)

R.T.: 3.455 min
Delta R.T.: -0.007 min
Response: 159922795
Conc: 47.98 ng/ml



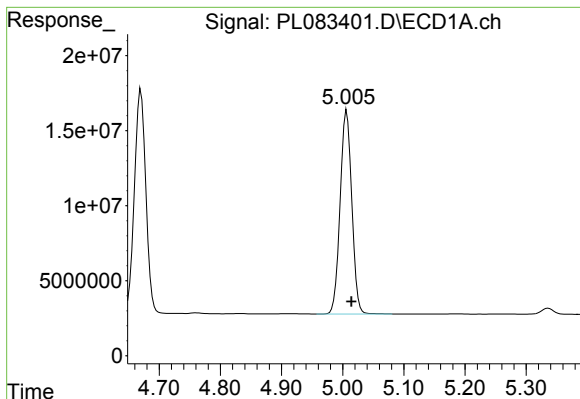
#4 Heptachlor

R.T.: 4.670 min
Delta R.T.: -0.008 min
Response: 191400307
Conc: 50.07 ng/ml



#4 Heptachlor

R.T.: 3.785 min
Delta R.T.: -0.008 min
Response: 167239650
Conc: 45.68 ng/ml



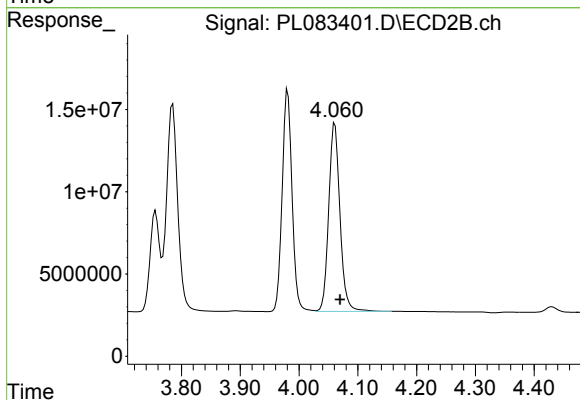
#5 Aldrin

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 179559526
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

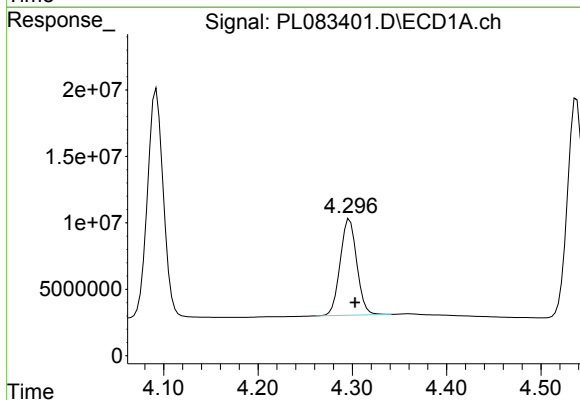
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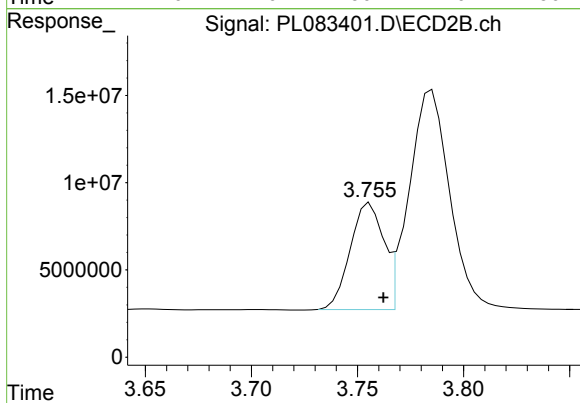
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.009 min
Response: 152170773
Conc: 46.77 ng/ml



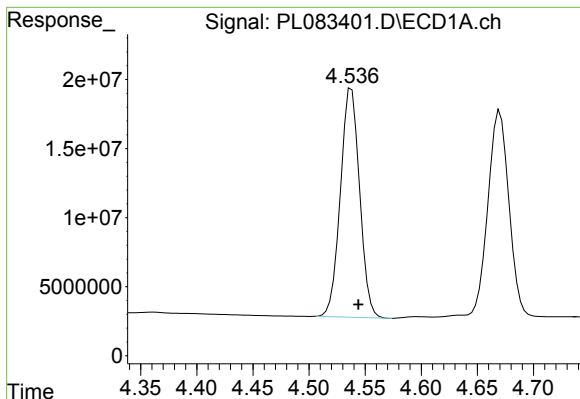
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 88794201
Conc: 47.16 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.006 min
Response: 66987315
Conc: 46.84 ng/ml



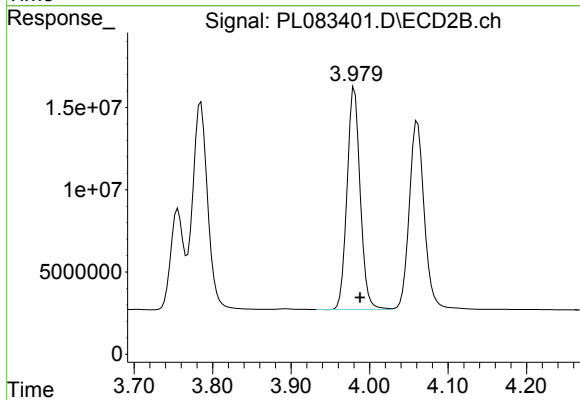
#7 delta-BHC

R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 197559985
Conc: 57.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

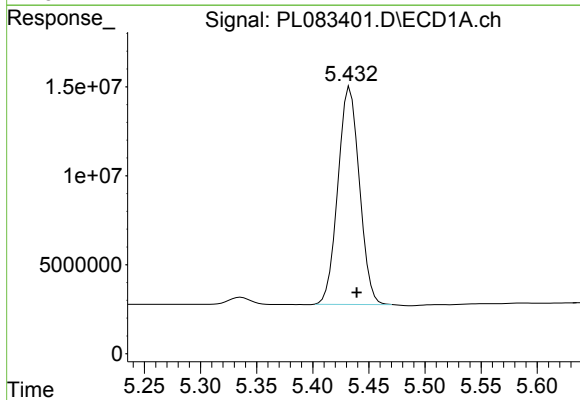
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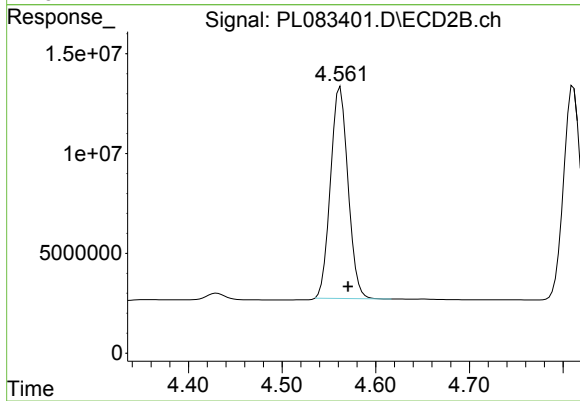
#7 delta-BHC

R.T.: 3.981 min
Delta R.T.: -0.007 min
Response: 157255213
Conc: 48.00 ng/ml



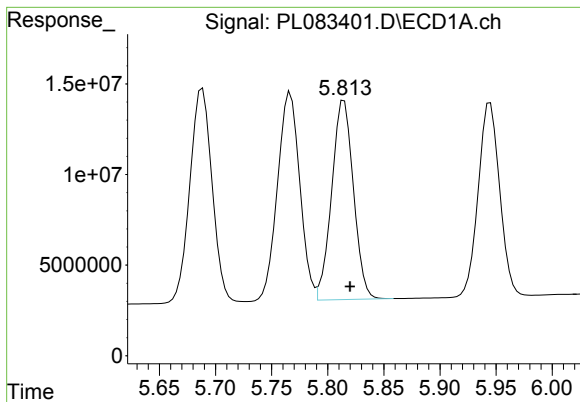
#8 Heptachlor epoxide

R.T.: 5.433 min
Delta R.T.: -0.006 min
Response: 162820720
Conc: 50.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.562 min
Delta R.T.: -0.008 min
Response: 137873897
Conc: 46.46 ng/ml



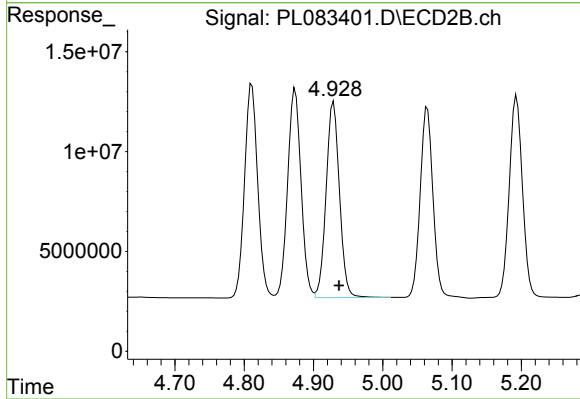
#9 Endosulfan I

R.T.: 5.815 min
Delta R.T.: -0.005 min
Response: 148502862
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

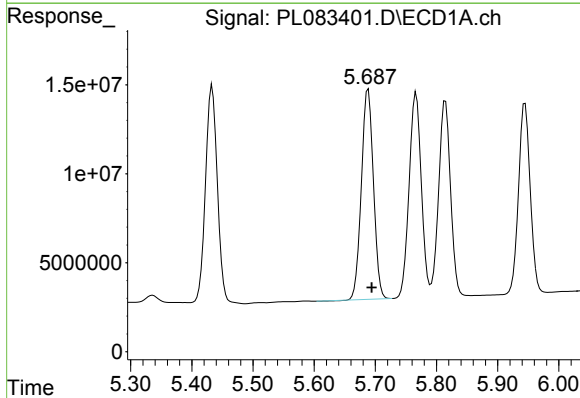
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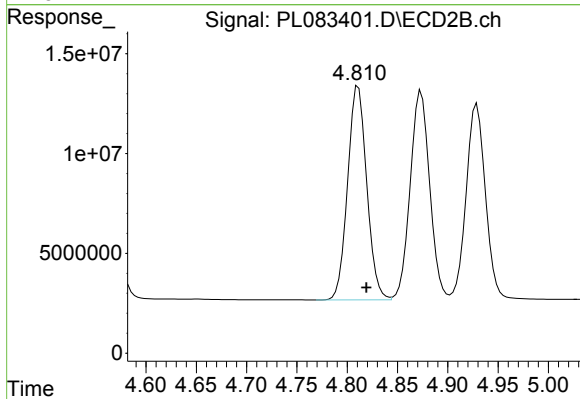
#9 Endosulfan I

R.T.: 4.929 min
Delta R.T.: -0.008 min
Response: 131324253
Conc: 47.00 ng/ml



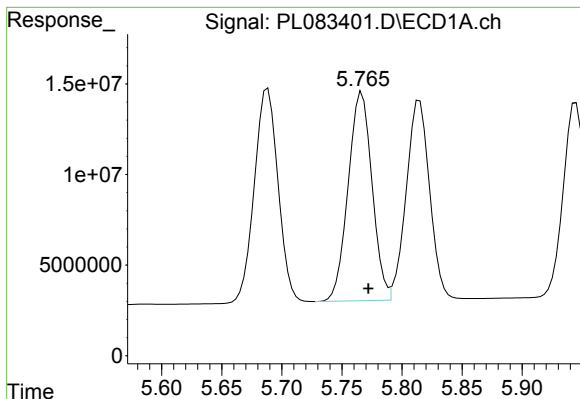
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 161932990
Conc: 50.97 ng/ml



#10 gamma-Chlordane

R.T.: 4.811 min
Delta R.T.: -0.008 min
Response: 141423957
Conc: 47.09 ng/ml



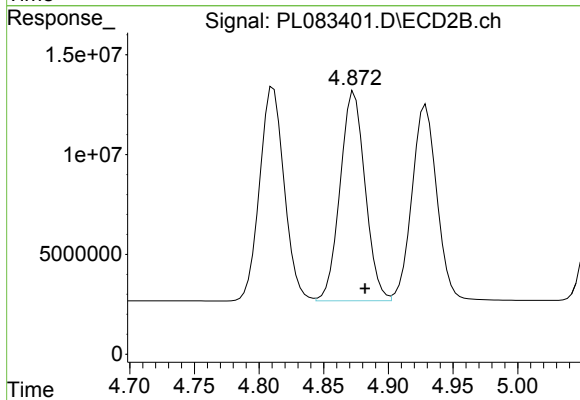
#11 alpha-Chlordane

R.T.: 5.767 min
Delta R.T.: -0.005 min
Response: 159516829
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

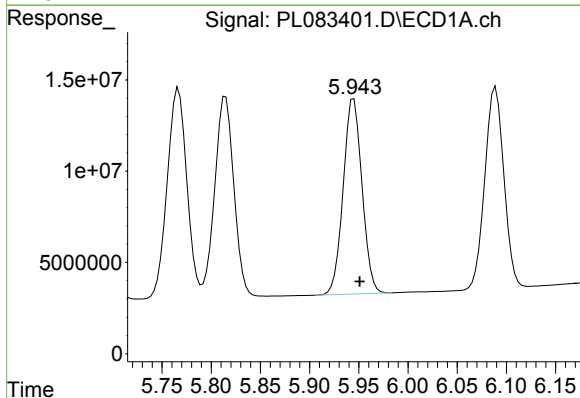
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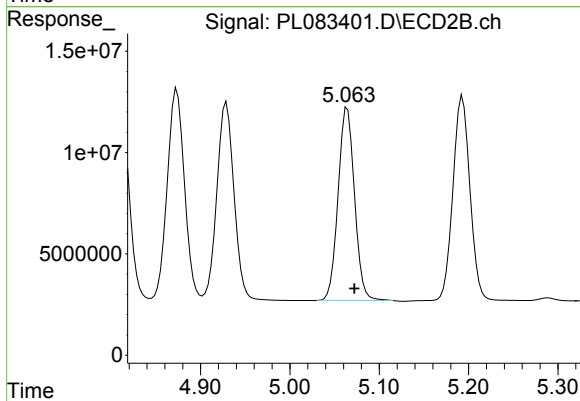
#11 alpha-Chlordane

R.T.: 4.874 min
Delta R.T.: -0.008 min
Response: 141000275
Conc: 46.97 ng/ml



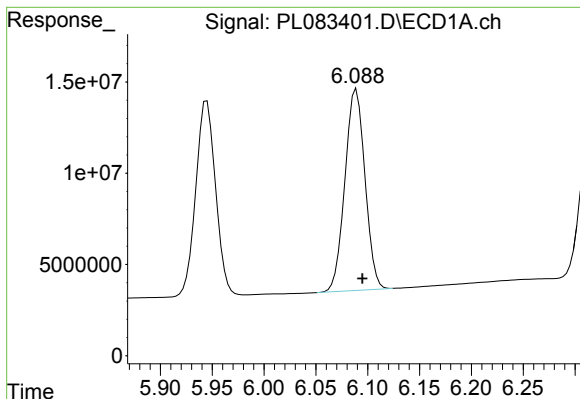
#12 4,4'-DDE

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 142245390
Conc: 51.60 ng/ml



#12 4,4'-DDE

R.T.: 5.063 min
Delta R.T.: -0.010 min
Response: 121400576
Conc: 49.98 ng/ml m



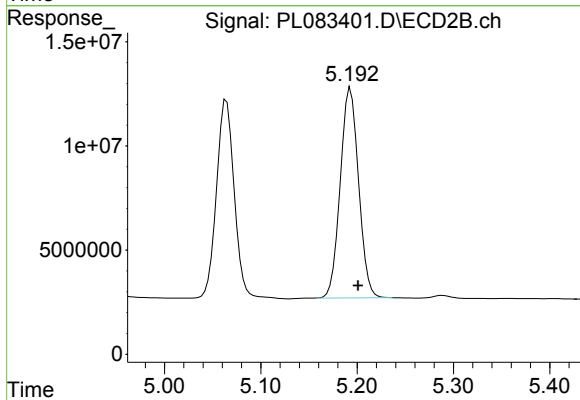
#13 Dieldrin

R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 148399286
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

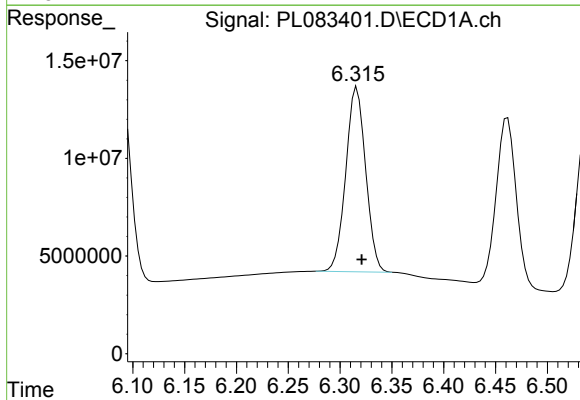
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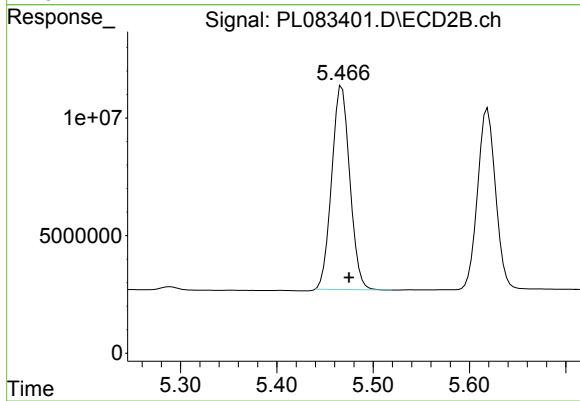
#13 Dieldrin

R.T.: 5.192 min
Delta R.T.: -0.009 min
Response: 132910809
Conc: 47.08 ng/ml m



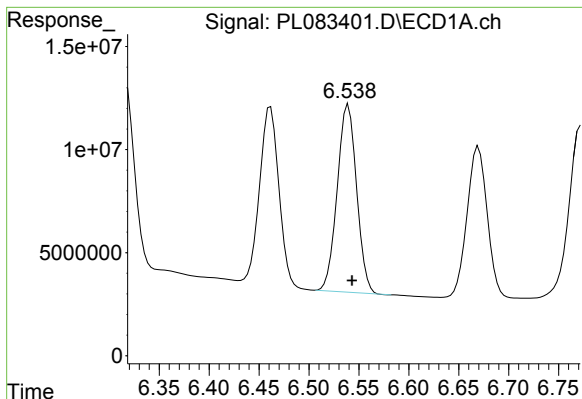
#14 Endrin

R.T.: 6.316 min
Delta R.T.: -0.005 min
Response: 126115628
Conc: 46.93 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 113388738
Conc: 44.69 ng/ml



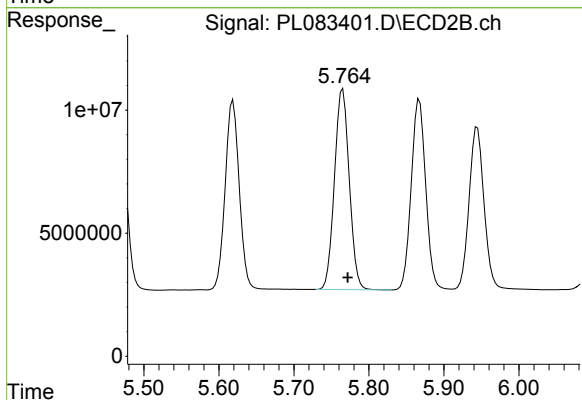
#15 Endosulfan II

R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 122428002
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

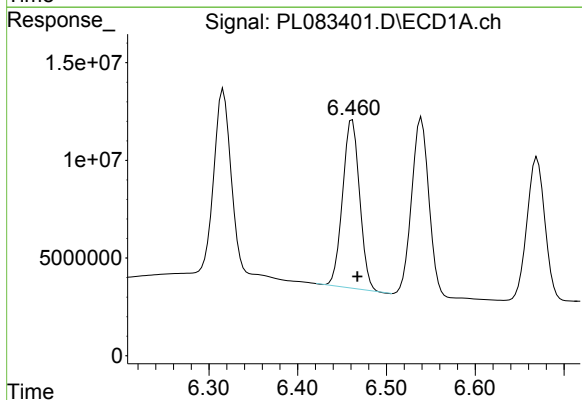
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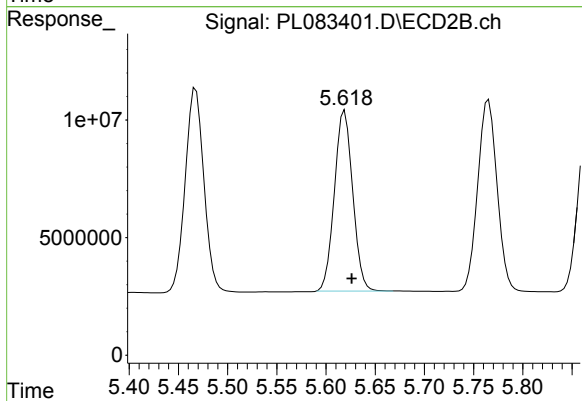
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 111728142
Conc: 45.16 ng/ml



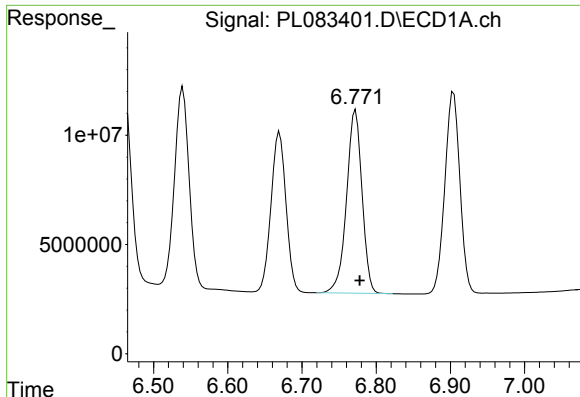
#16 4,4'-DDD

R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 115079636
Conc: 52.96 ng/ml



#16 4,4'-DDD

R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 99382095
Conc: 51.67 ng/ml



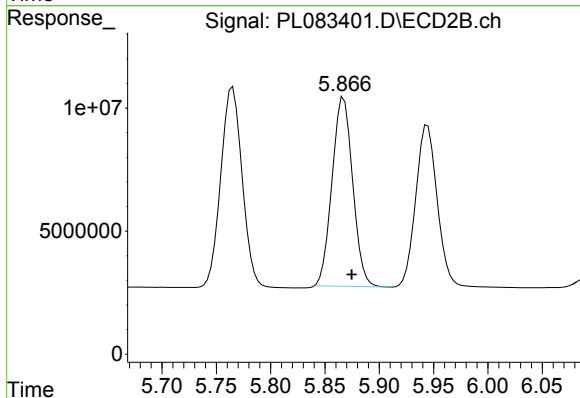
#17 4,4'-DDT

R.T.: 6.772 min
Delta R.T.: -0.006 min
Response: 121357839
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

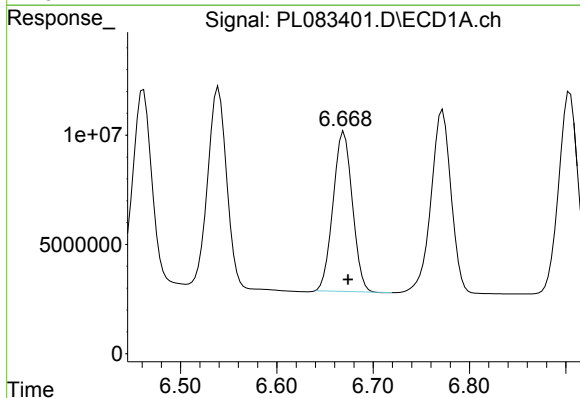
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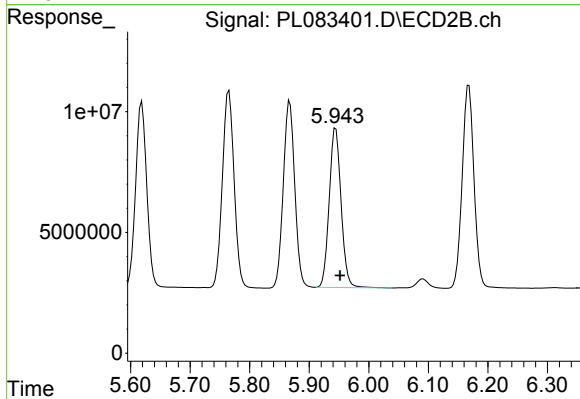
#17 4,4'-DDT

R.T.: 5.867 min
Delta R.T.: -0.007 min
Response: 101634322
Conc: 45.55 ng/ml



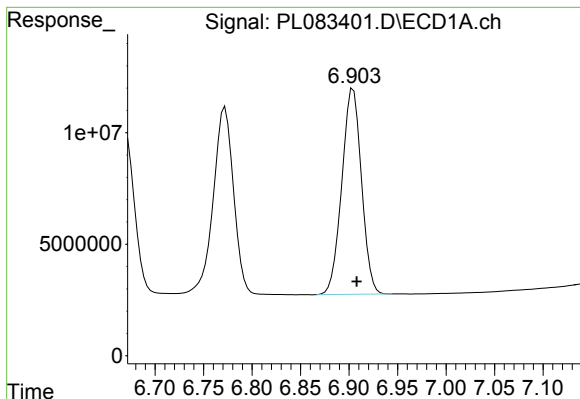
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 101738982
Conc: 50.60 ng/ml



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 91347130
Conc: 46.19 ng/ml



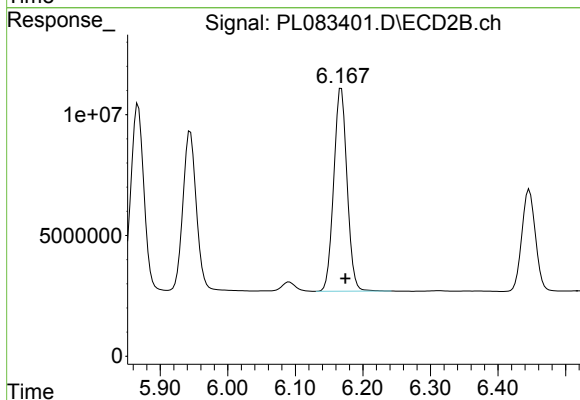
#19 Endosulfan Sulfate

R.T.: 6.904 min
Delta R.T.: -0.004 min
Response: 129764551
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

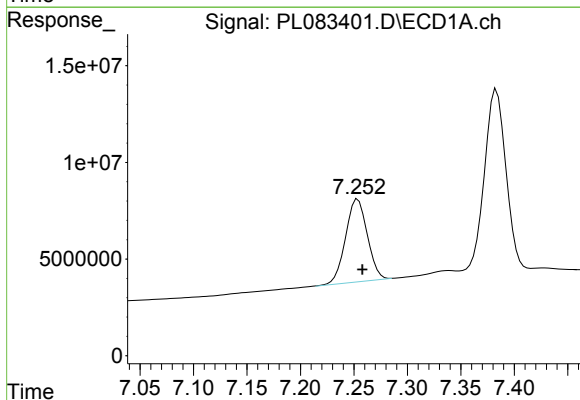
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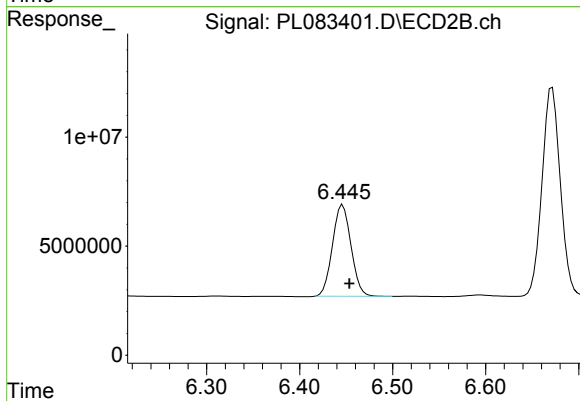
#19 Endosulfan Sulfate

R.T.: 6.168 min
Delta R.T.: -0.006 min
Response: 115708473
Conc: 47.25 ng/ml



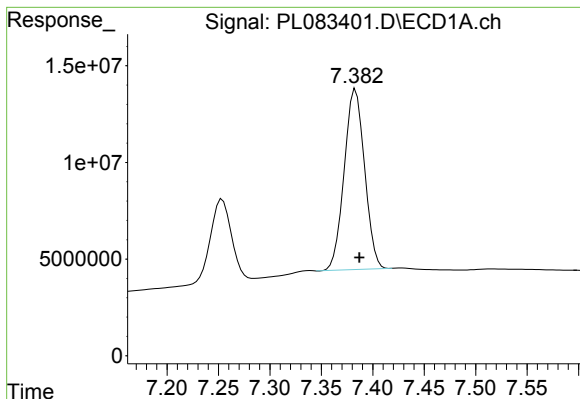
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 60457808
Conc: 45.72 ng/ml



#20 Methoxychlor

R.T.: 6.446 min
Delta R.T.: -0.007 min
Response: 58188292
Conc: 45.75 ng/ml



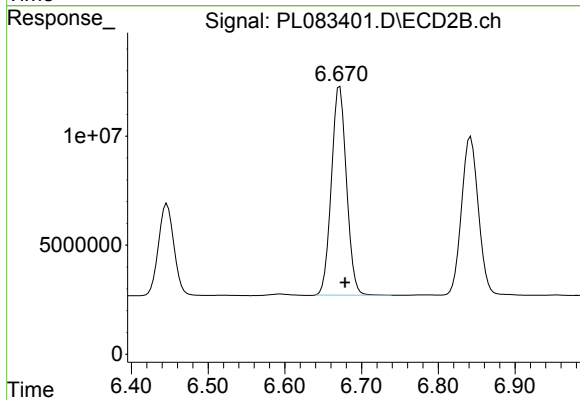
#21 Endrin ketone

R.T.: 7.383 min
Delta R.T.: -0.004 min
Response: 128938711
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

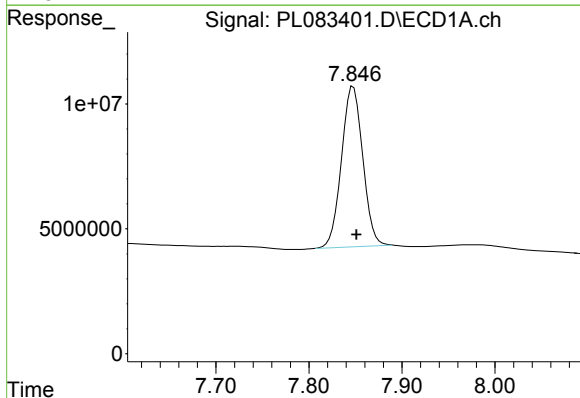
Manual Integrations
APPROVED

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



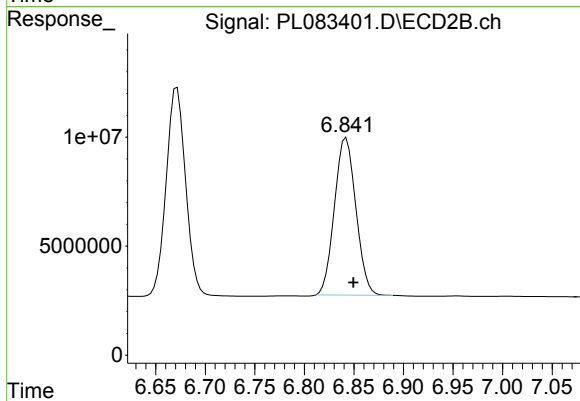
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: -0.007 min
Response: 130893871
Conc: 48.41 ng/ml



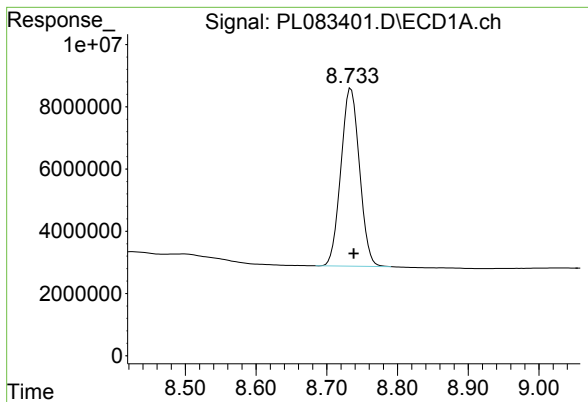
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.003 min
Response: 102276936
Conc: 48.80 ng/ml



#22 Mirex

R.T.: 6.842 min
Delta R.T.: -0.007 min
Response: 108448552
Conc: 46.35 ng/ml



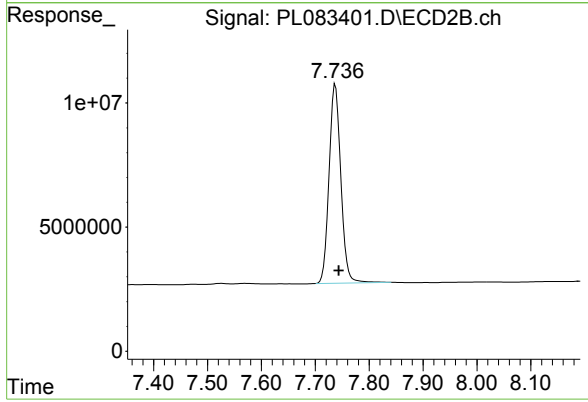
#28 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: -0.004 min
Response: 104487133
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 06/14/2023



#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.006 min
Response: 122217249
Conc: 49.15 ng/ml