

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060523\
 Data File : PL083209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2023 10:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 21:07:12 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...	3.322	2.634	135.9E6	114.1E6	46.237	43.943
28)	SA Decachlor...	8.741	7.743	102.6E6	113.2E6	48.898	45.516
Target Compounds							
2)	A alpha-BHC	3.771	3.131	209.4E6	162.9E6	47.178	43.660
3)	MA gamma-BHC...	4.100	3.457	196.4E6	150.6E6	47.411	45.190
4)	MA Heptachlor	4.677	3.789	189.4E6	161.0E6	49.542	43.982
5)	MB Aldrin	5.014	4.064	173.6E6	146.9E6	49.349	45.141
6)	B beta-BHC	4.304	3.759	84984900	63613909	45.139	44.483
7)	B delta-BHC	4.544	3.983	193.2E6	146.7E6	56.175	44.777
8)	B Heptachlo...	5.440	4.566	159.5E6	132.9E6	49.849	44.764
9)	A Endosulfan I	5.821	4.933	148.1E6	122.9E6	49.371	43.973
10)	B gamma-Chl...	5.694	4.815	160.0E6	135.3E6	50.354m	45.053
11)	B alpha-Chl...	5.773	4.877	159.8E6	135.2E6	49.794	45.026
12)	B 4,4'-DDE	5.952	5.068	138.5E6	115.5E6	50.259	47.547
13)	MA Dieldrin	6.096	5.198	148.0E6	127.2E6	49.221	45.057
14)	MA Endrin	6.323	5.472	127.7E6	113.9E6	47.526	44.896
15)	B Endosulfa...	6.546	5.769	120.8E6	106.7E6	45.298	43.112
16)	A 4,4'-DDD	6.468	5.623	111.7E6	91253248	51.395	47.448
17)	MA 4,4'-DDT	6.779	5.871	123.0E6	101.4E6	49.119	45.471
18)	B Endrin al...	6.676	5.949	98038288	85274156	48.760	43.123
19)	B Endosulfa...	6.910	6.172	126.4E6	110.1E6	49.305	44.971
20)	A Methoxychlor	7.260	6.451	64967005	56918575	49.129	44.756
21)	B Endrin ke...	7.390	6.677	127.7E6	121.2E6	50.072	44.823
22)	Mirex	7.853	6.847	99998108	105.1E6	47.708	44.932

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060523\
Data File : PL083209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2023 10:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

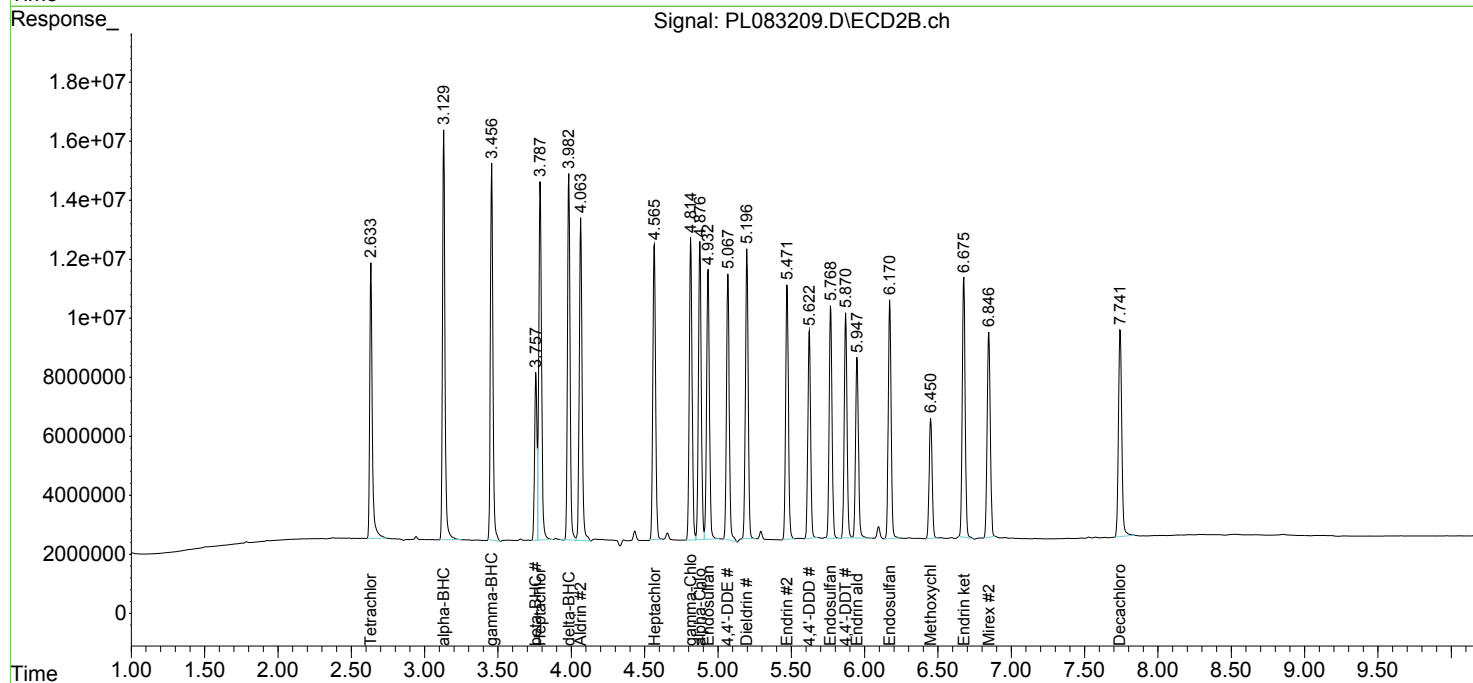
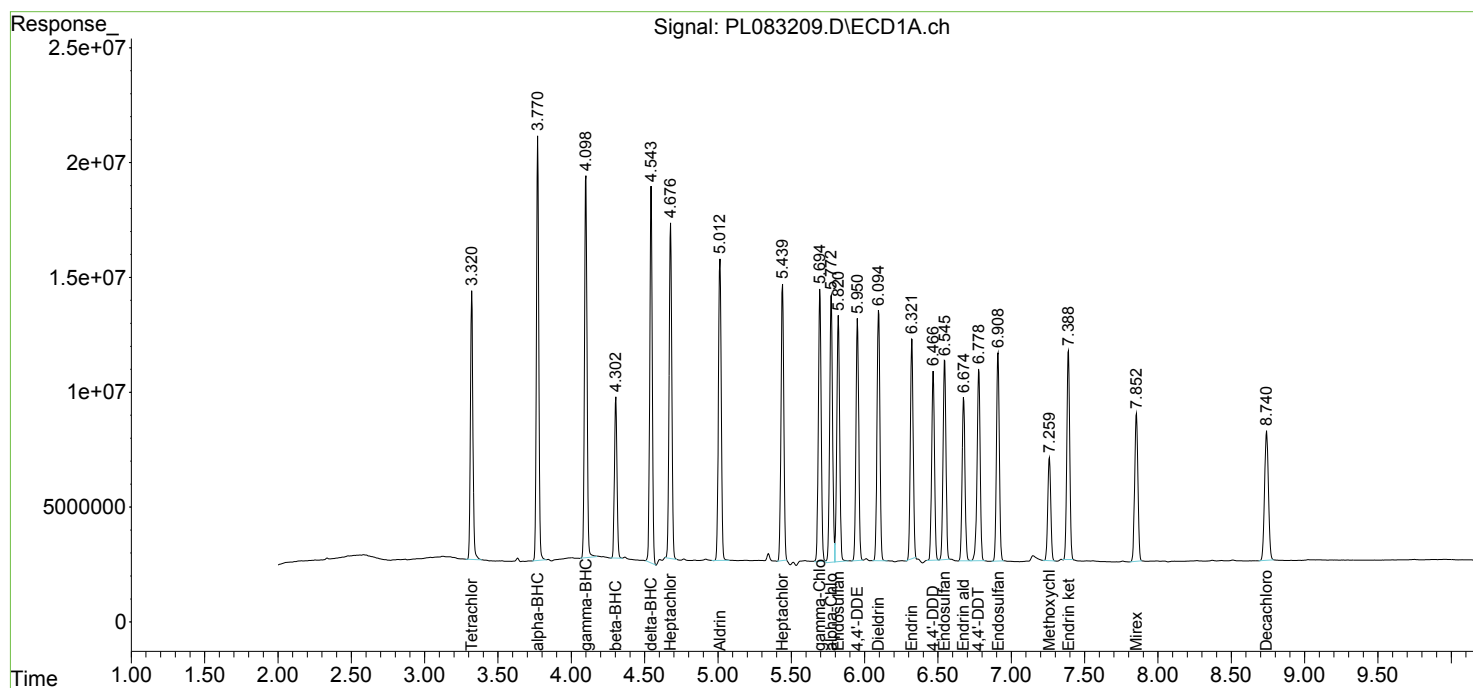
APPROVED

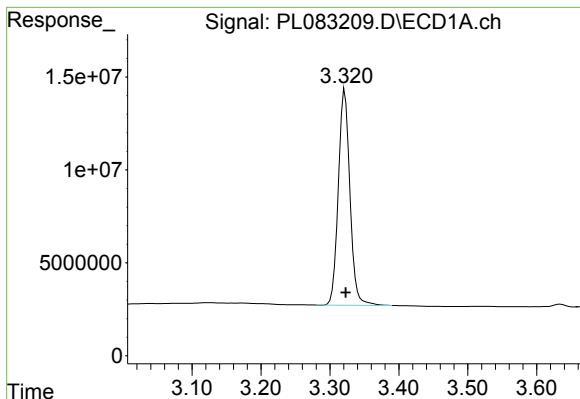
Reviewed By :Abdul Mirza 06/06/2023

Supervised By :Ankita Jodhani 06/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 21:07:12 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





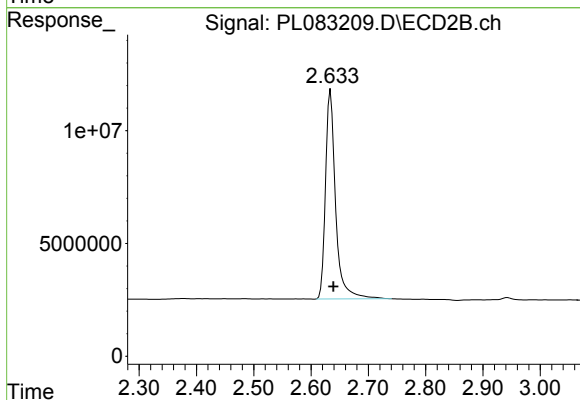
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 135892694
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

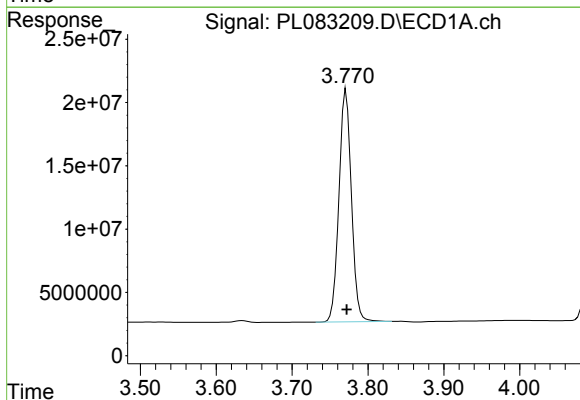
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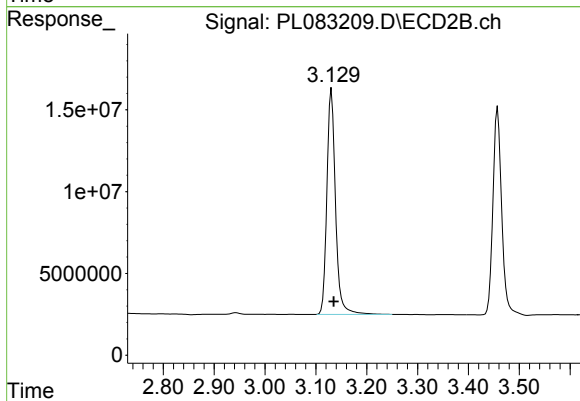
#1 Tetrachloro-m-xylene

R.T.: 2.634 min
Delta R.T.: -0.005 min
Response: 114079647
Conc: 43.94 ng/ml



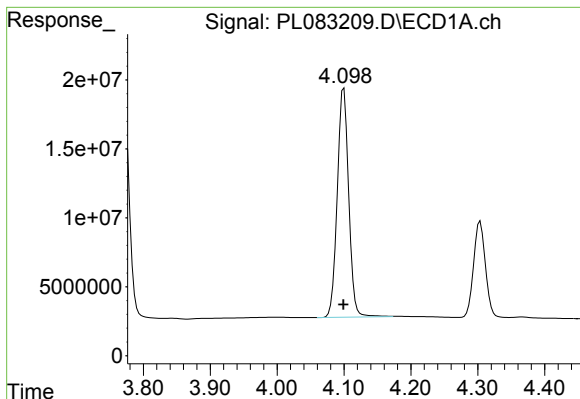
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: 0.000 min
Response: 209432911
Conc: 47.18 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.004 min
Response: 162914834
Conc: 43.66 ng/ml



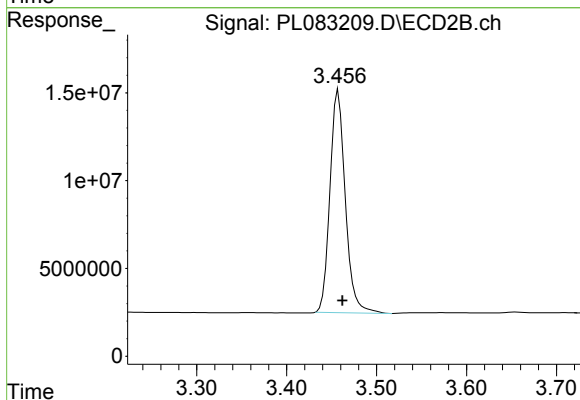
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 196419012
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

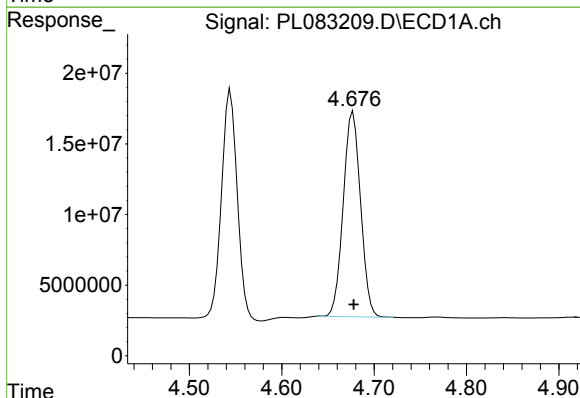
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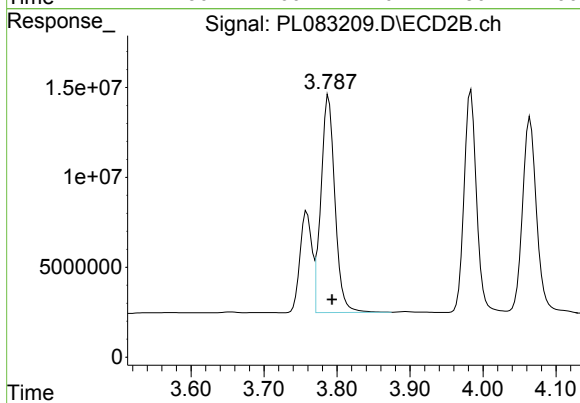
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.004 min
Response: 150632076
Conc: 45.19 ng/ml



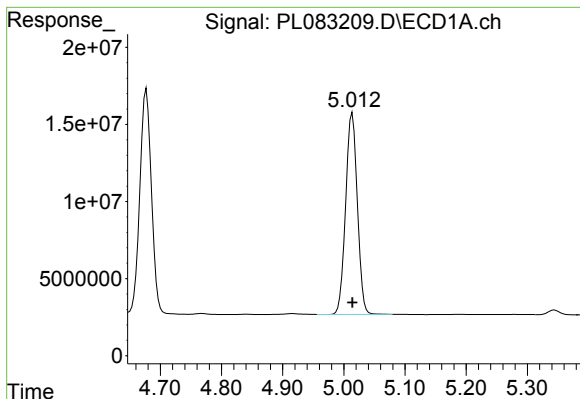
#4 Heptachlor

R.T.: 4.677 min
Delta R.T.: 0.000 min
Response: 189372067
Conc: 49.54 ng/ml



#4 Heptachlor

R.T.: 3.789 min
Delta R.T.: -0.005 min
Response: 161021192
Conc: 43.98 ng/ml



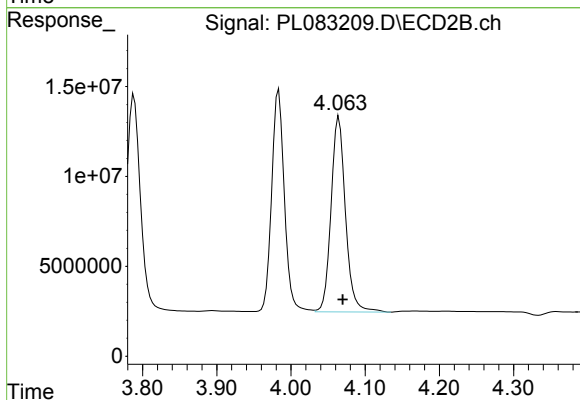
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 173614286
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

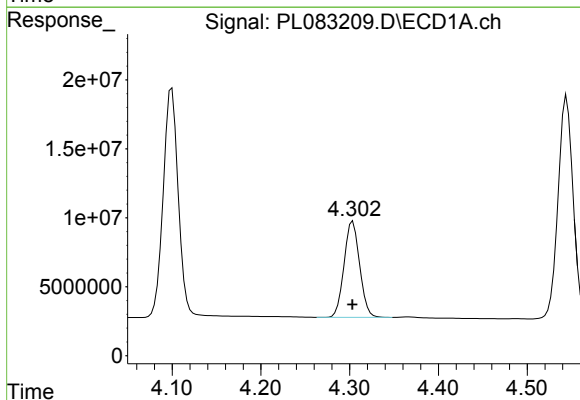
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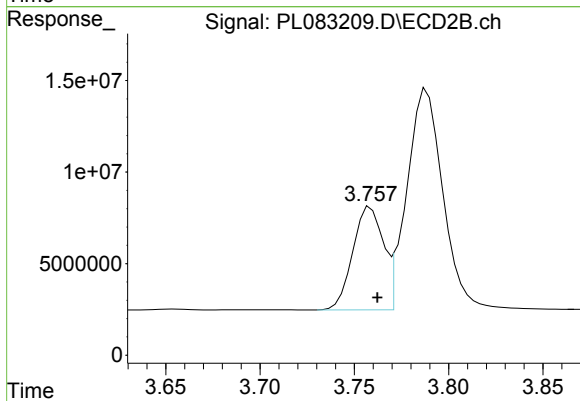
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.005 min
Response: 146870590
Conc: 45.14 ng/ml



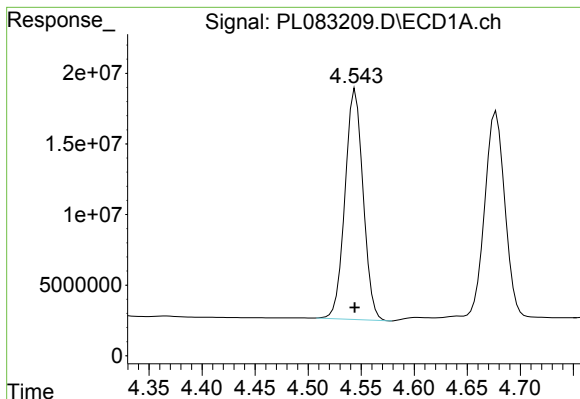
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 84984900
Conc: 45.14 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.004 min
Response: 63613909
Conc: 44.48 ng/ml



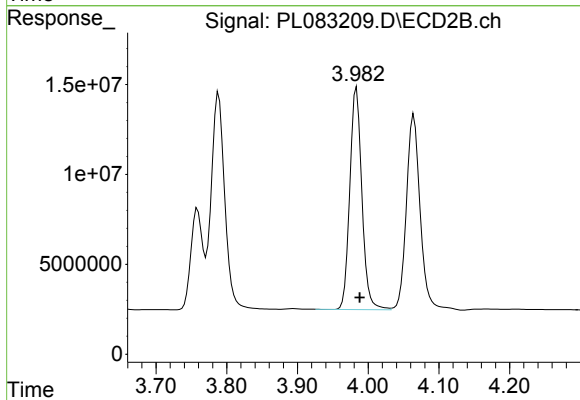
#7 delta-BHC

R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 193180506
Conc: 56.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

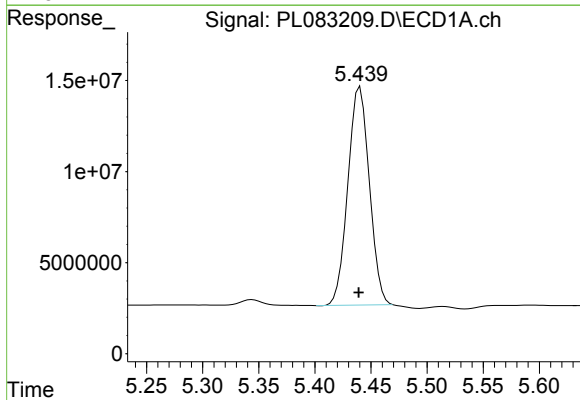
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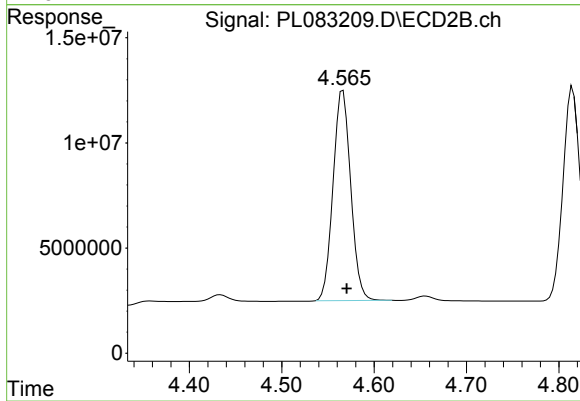
#7 delta-BHC

R.T.: 3.983 min
Delta R.T.: -0.004 min
Response: 146711047
Conc: 44.78 ng/ml



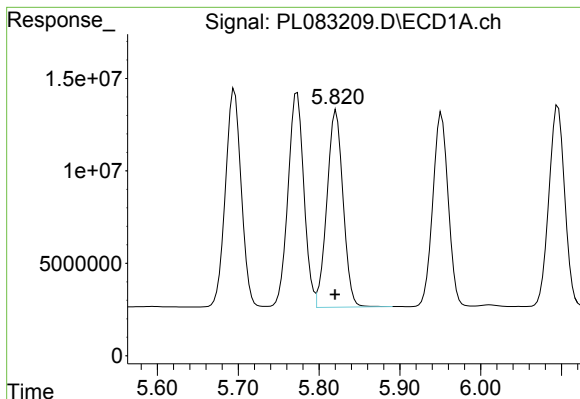
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: 0.001 min
Response: 159452986
Conc: 49.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 132854232
Conc: 44.76 ng/ml



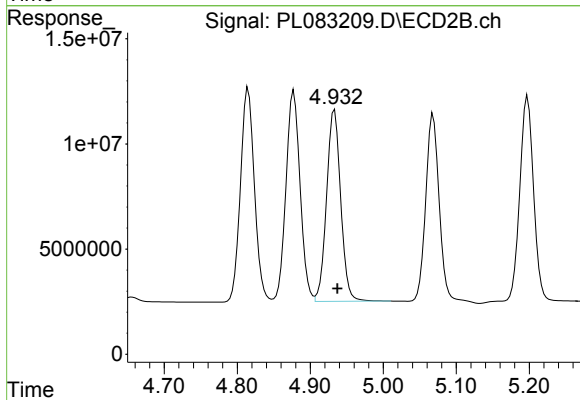
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: 0.001 min
Response: 148141342
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

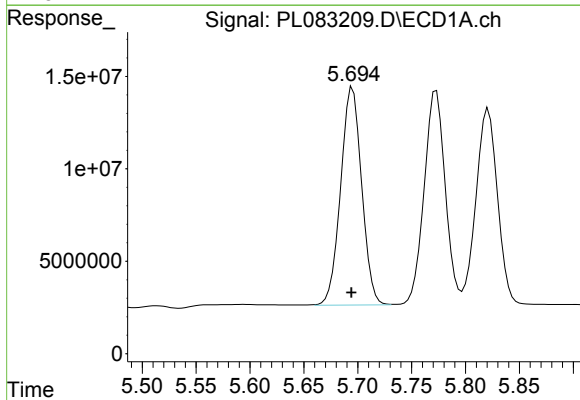
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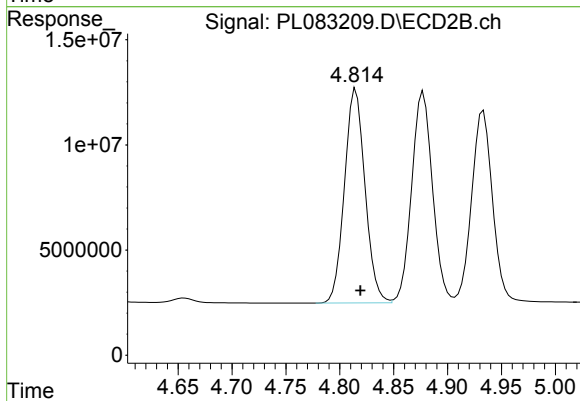
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 122876727
Conc: 43.97 ng/ml



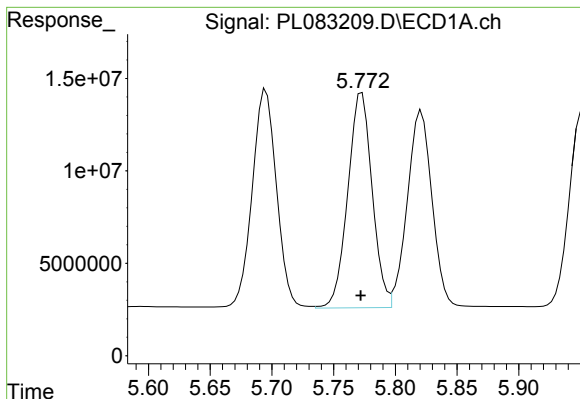
#10 gamma-Chlordane

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 159972286
Conc: 50.35 ng/ml m



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 135311471
Conc: 45.05 ng/ml



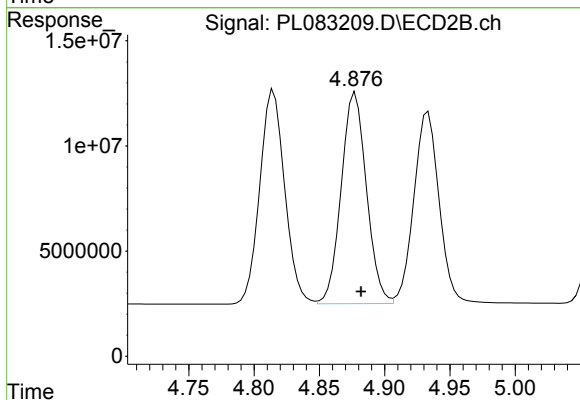
#11 alpha-Chlordane

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 159804160
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

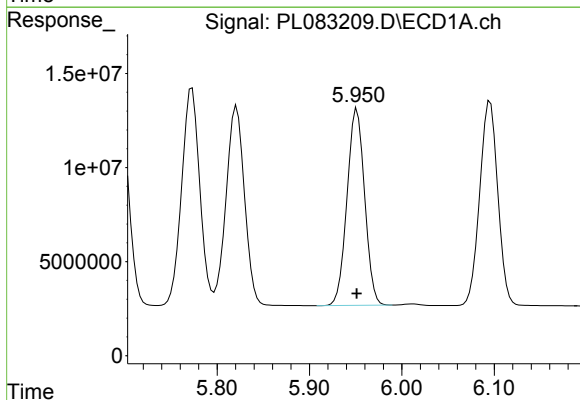
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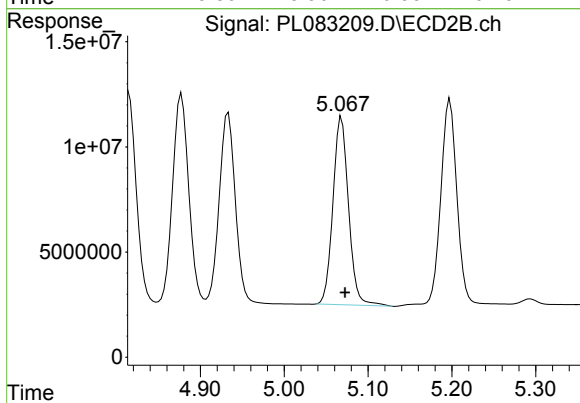
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: -0.004 min
Response: 135167263
Conc: 45.03 ng/ml



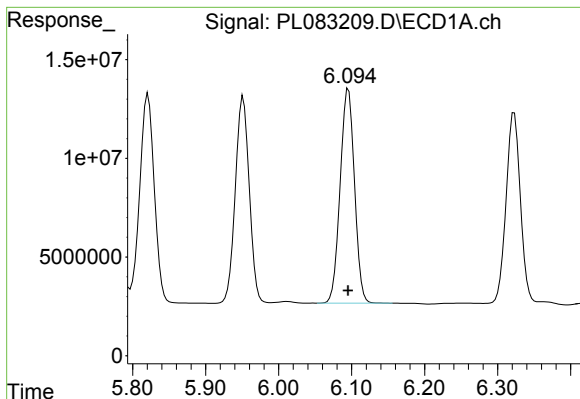
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 138538240
Conc: 50.26 ng/ml



#12 4,4'-DDE

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 115479304
Conc: 47.55 ng/ml



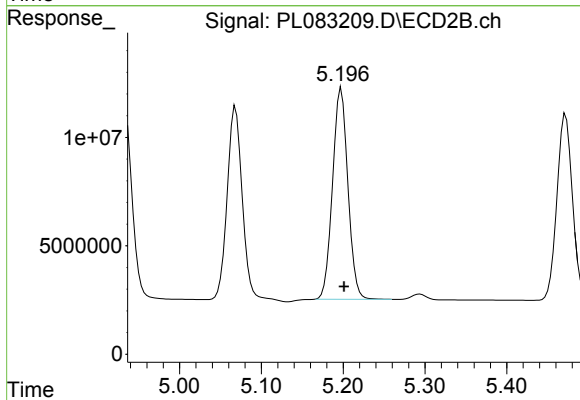
#13 Dieldrin

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 148049202
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

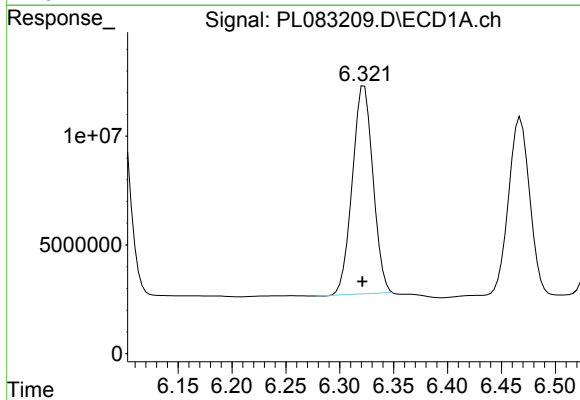
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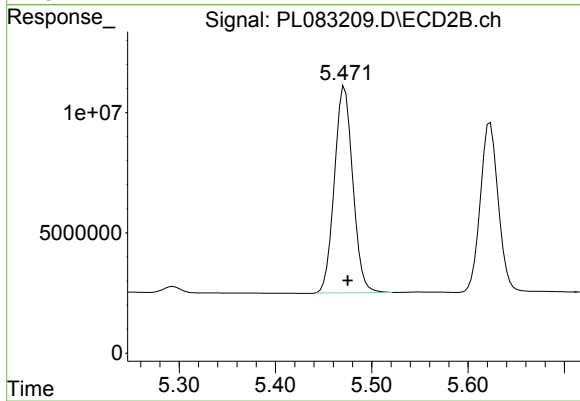
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 127192918
Conc: 45.06 ng/ml



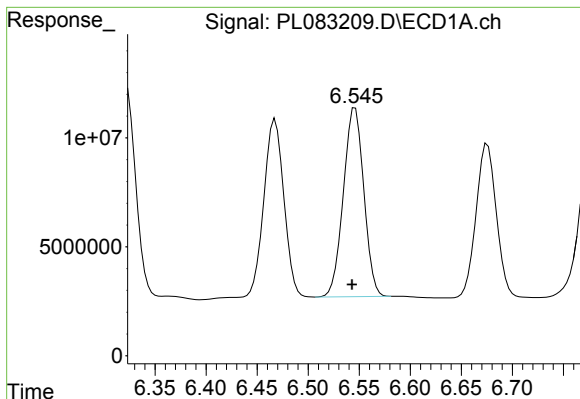
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.002 min
Response: 127715527
Conc: 47.53 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 113899400
Conc: 44.90 ng/ml



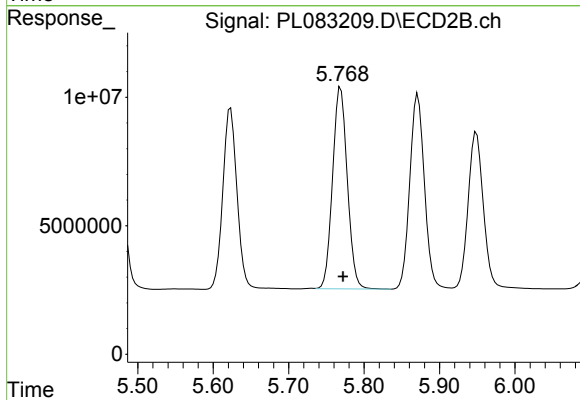
#15 Endosulfan II

R.T.: 6.546 min
Delta R.T.: 0.003 min
Response: 120846519
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

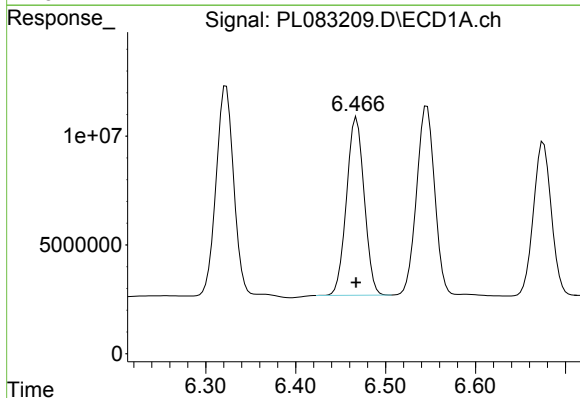
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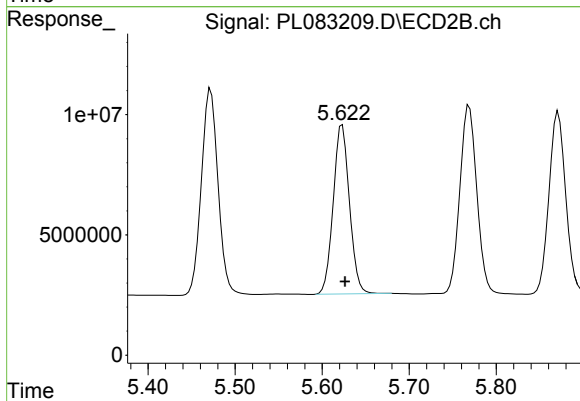
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 106666765
Conc: 43.11 ng/ml



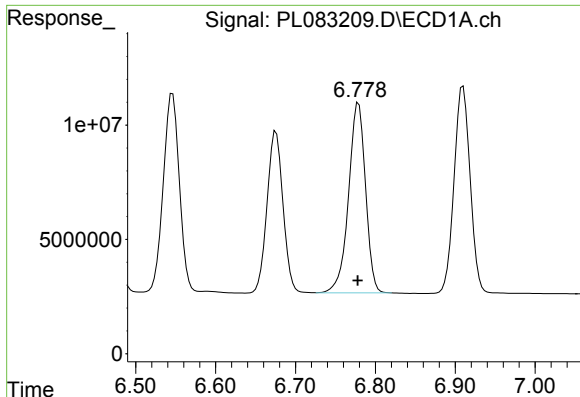
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 111683462
Conc: 51.39 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 91253248
Conc: 47.45 ng/ml



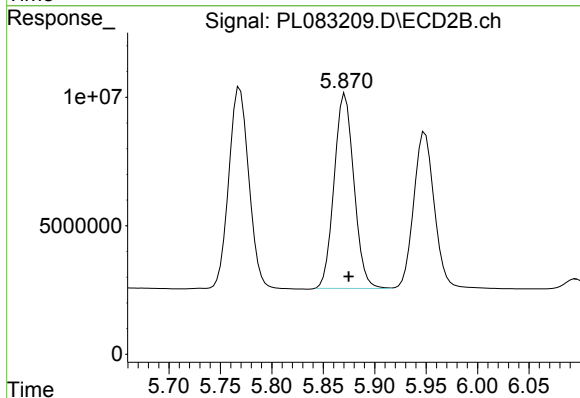
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.001 min
Response: 122954691
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

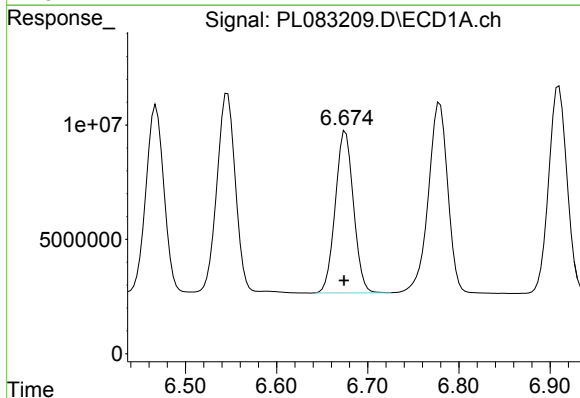
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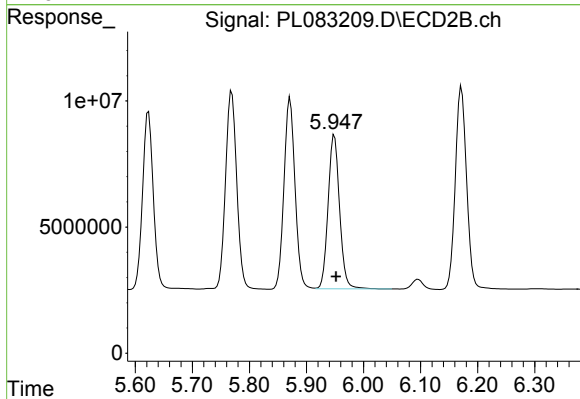
#17 4,4'-DDT

R.T.: 5.871 min
Delta R.T.: -0.003 min
Response: 101447041
Conc: 45.47 ng/ml



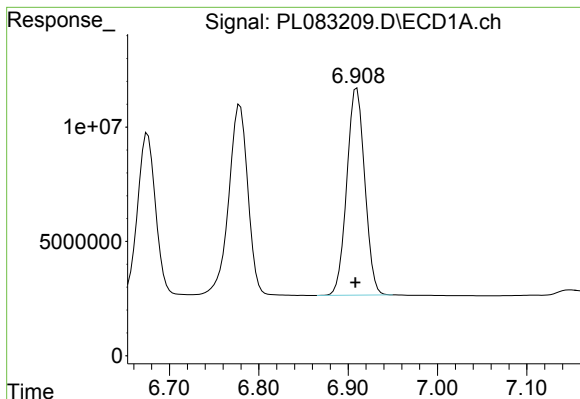
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.002 min
Response: 98038288
Conc: 48.76 ng/ml



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 85274156
Conc: 43.12 ng/ml



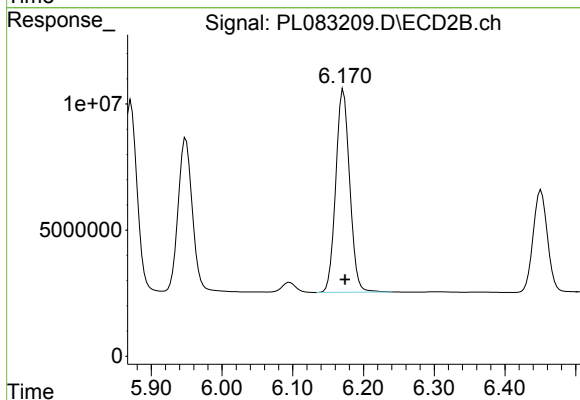
#19 Endosulfan Sulfate

R.T.: 6.910 min
Delta R.T.: 0.002 min
Response: 126404175
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

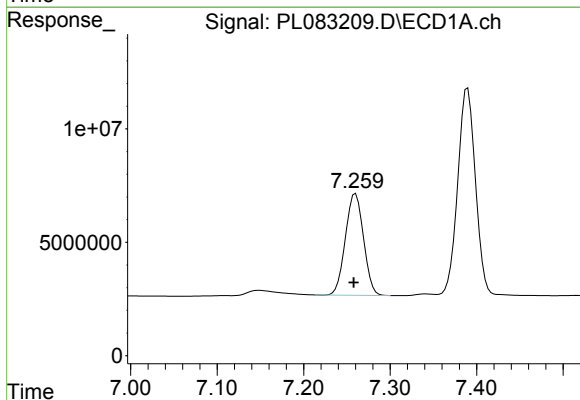
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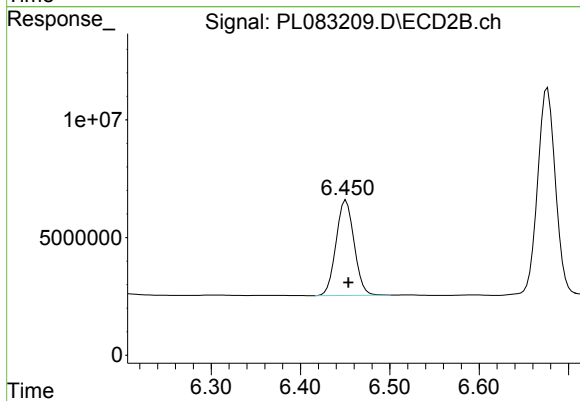
#19 Endosulfan Sulfate

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 110132175
Conc: 44.97 ng/ml



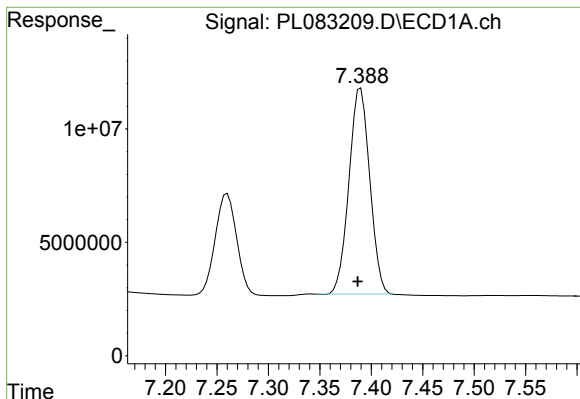
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.002 min
Response: 64967005
Conc: 49.13 ng/ml



#20 Methoxychlor

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 56918575
Conc: 44.76 ng/ml



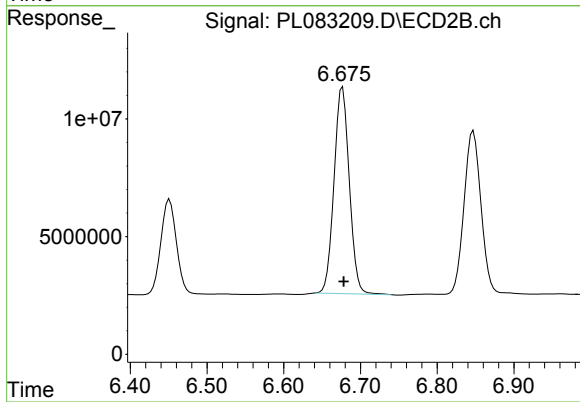
#21 Endrin ketone

R.T.: 7.390 min
Delta R.T.: 0.003 min
Response: 127723220
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

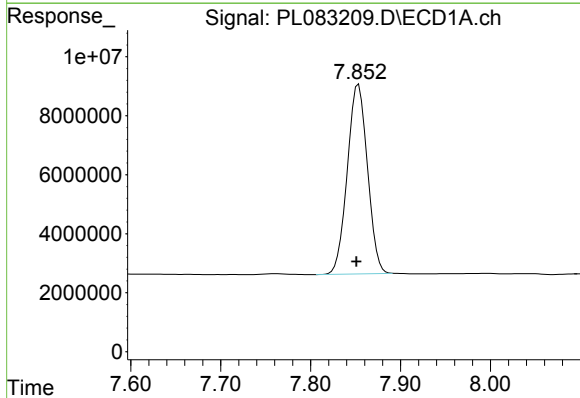
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Reviewed By :Abdul Mirza 06/06/2023
Supervised By :Ankita Jodhani 06/06/2023



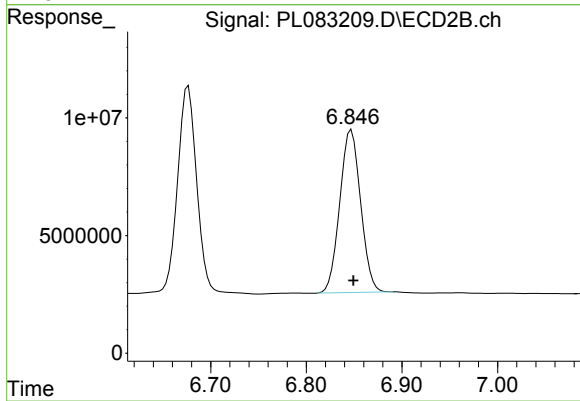
#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 121195988
Conc: 44.82 ng/ml



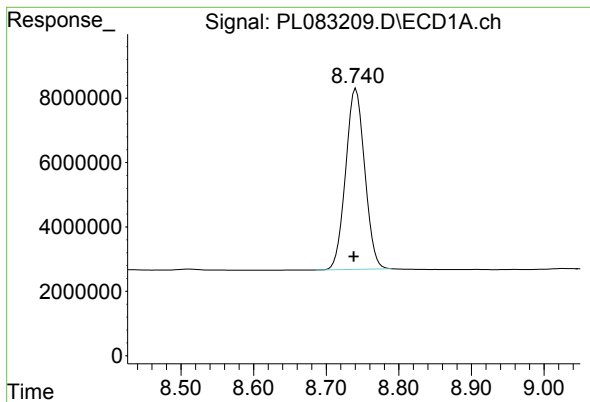
#22 Mirex

R.T.: 7.853 min
Delta R.T.: 0.002 min
Response: 99998108
Conc: 47.71 ng/ml



#22 Mirex

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 105134187
Conc: 44.93 ng/ml



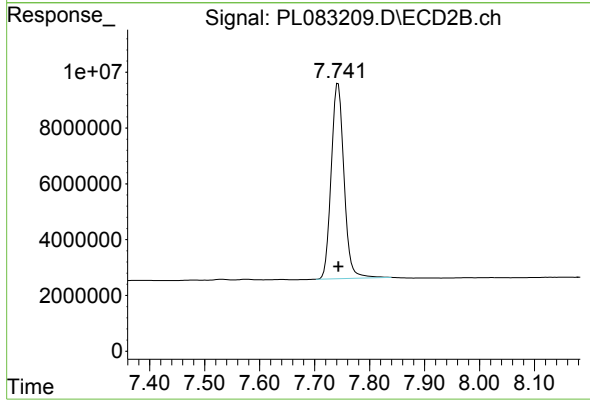
#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.003 min
Response: 102555809
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 06/06/2023



#28 Decachlorobiphenyl

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 113177819
Conc: 45.52 ng/ml