

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060723\
 Data File : PL083308.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2023 19:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/08/2023
 Supervised By : Ankita Jodhani 06/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 04:28:44 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	150.6E6	131.9E6	51.259	50.788
28)	SA Decachlor...	8.732	7.737	102.9E6	120.4E6	49.045	48.420
Target Compounds							
2)	A alpha-BHC	3.763	3.128	232.4E6	194.8E6	52.348	52.207
3)	MA gamma-BHC...	4.091	3.455	214.5E6	179.1E6	51.782	53.729
4)	MA Heptachlor	4.669	3.785	189.2E6	177.2E6	49.505	48.395
5)	MB Aldrin	5.005	4.061	193.3E6	175.8E6	54.949	54.020
6)	B beta-BHC	4.295	3.756	93504113	74997064	49.664	52.442
7)	B delta-BHC	4.536	3.980	209.7E6	178.5E6	60.985	54.470
8)	B Heptachlo...	5.431	4.562	174.7E6	156.7E6	54.610	52.802
9)	A Endosulfan I	5.813	4.929	161.5E6	140.7E6	53.835	50.352
10)	B gamma-Chl...	5.685	4.811	170.3E6	159.8E6	53.608m	53.191
11)	B alpha-Chl...	5.764	4.873	173.0E6	159.0E6	53.898	52.965
12)	B 4,4'-DDE	5.944	5.062	145.9E6	137.0E6	52.929	56.412m
13)	MA Dieldrin	6.087	5.191	153.3E6	149.2E6	50.959	52.852m
14)	MA Endrin	6.315	5.467	125.8E6	125.7E6	46.818	49.550
15)	B Endosulfa...	6.537	5.764	128.6E6	122.9E6	48.502	49.684
16)	A 4,4'-DDD	6.459	5.619	127.7E6	115.2E6	58.765	59.901
17)	MA 4,4'-DDT	6.771	5.865	113.8E6	104.5E6	45.443	46.841m
18)	B Endrin al...	6.667	5.944	102.3E6	99600957	50.889	50.368
19)	B Endosulfa...	6.901	6.167	134.9E6	125.6E6	52.611	51.296
20)	A Methoxychlor	7.252	6.445	59133210	56406469	44.717	44.354
21)	B Endrin ke...	7.382	6.670	139.6E6	138.8E6	54.741	51.341
22)	Mirex	7.845	6.841	101.8E6	111.7E6	48.577	47.749

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060723\
Data File : PL083308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jun 2023 19:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

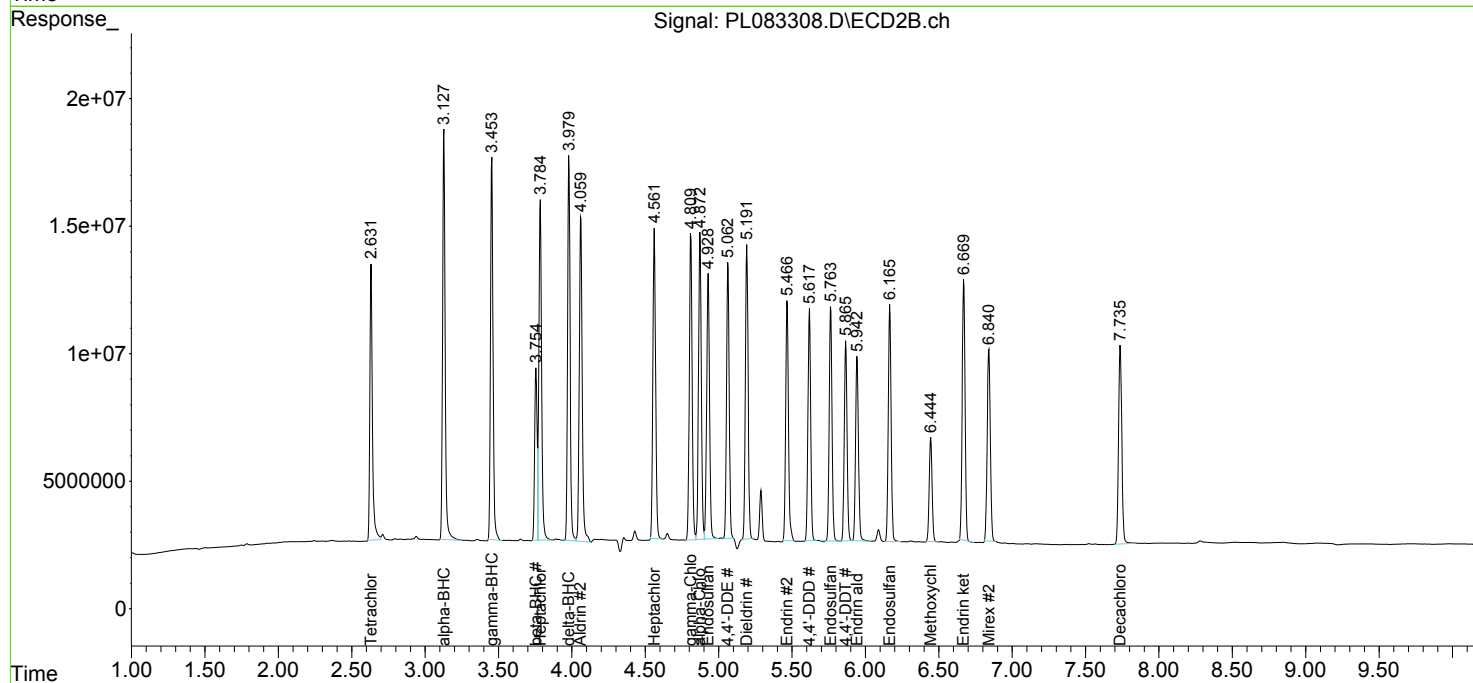
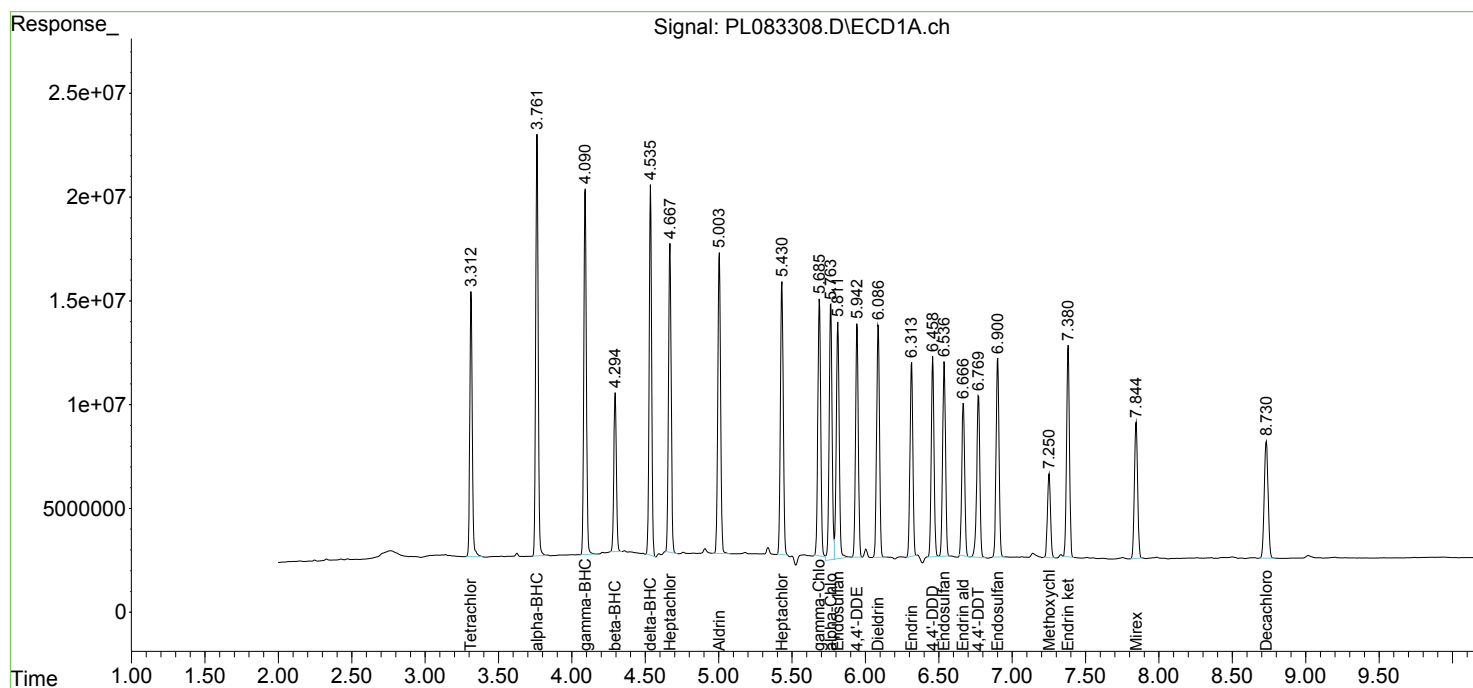
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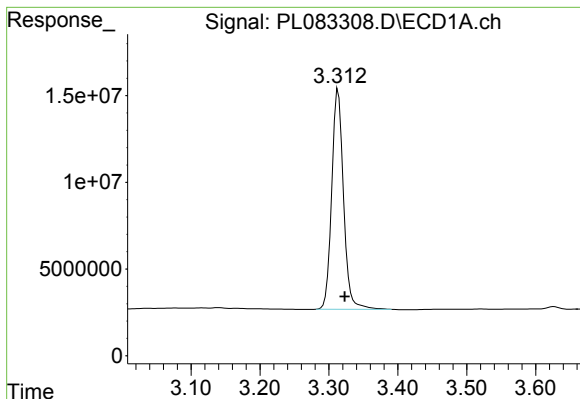
Reviewed By :Abdul Mirza 06/08/2023

Supervised By :Ankita Jodhani 06/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 08 04:28:44 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





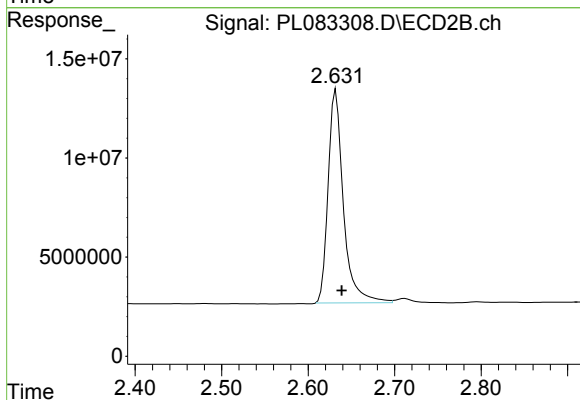
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 150649895
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

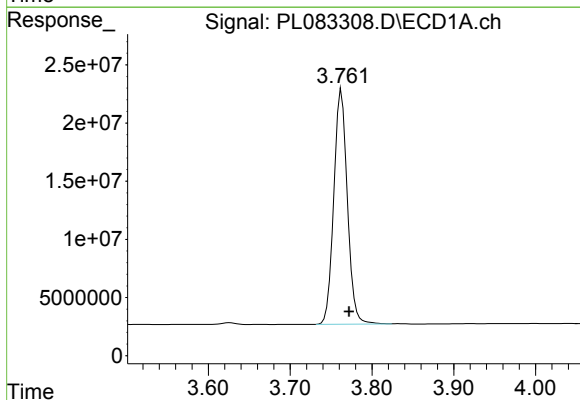
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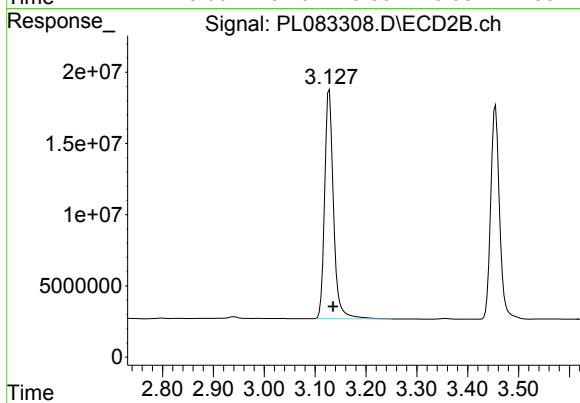
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 131850878
Conc: 50.79 ng/ml



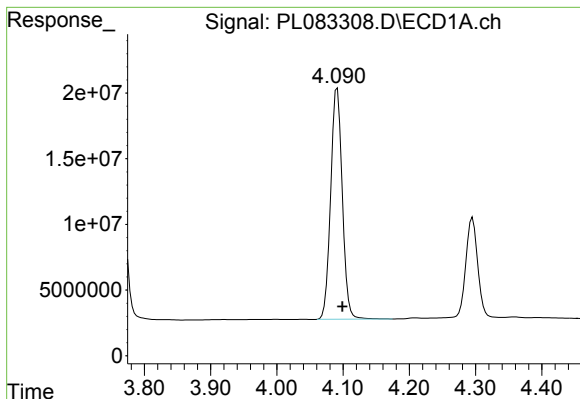
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 232384191
Conc: 52.35 ng/ml



#2 alpha-BHC

R.T.: 3.128 min
Delta R.T.: -0.007 min
Response: 194807319
Conc: 52.21 ng/ml



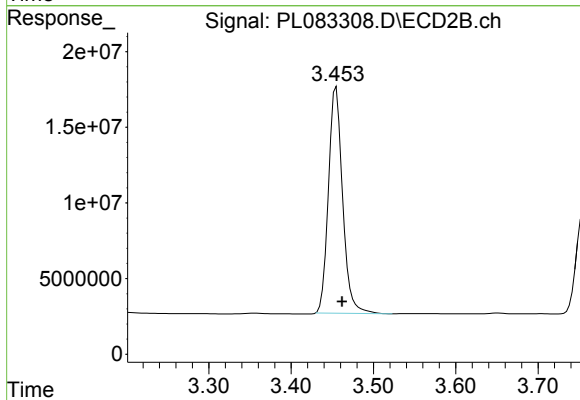
#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 214527466
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

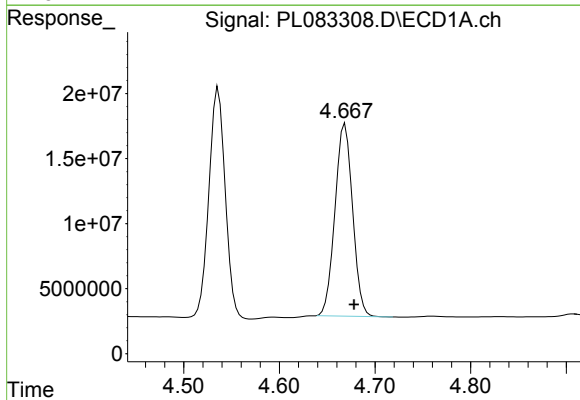
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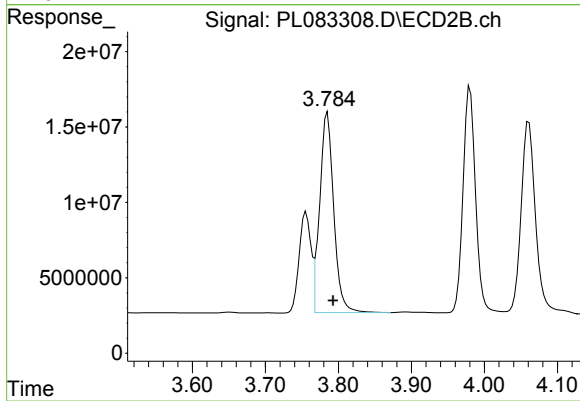
#3 gamma-BHC (Lindane)

R.T.: 3.455 min
Delta R.T.: -0.007 min
Response: 179093475
Conc: 53.73 ng/ml



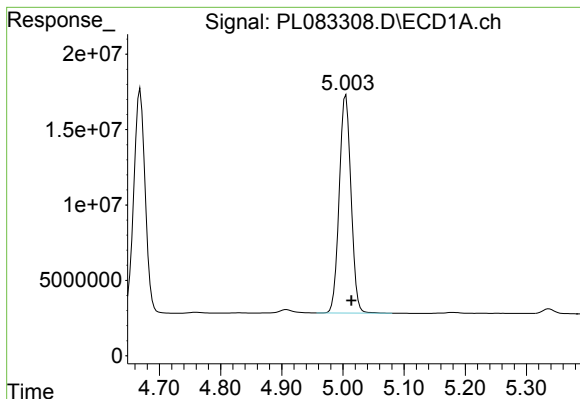
#4 Heptachlor

R.T.: 4.669 min
Delta R.T.: -0.009 min
Response: 189230193
Conc: 49.50 ng/ml



#4 Heptachlor

R.T.: 3.785 min
Delta R.T.: -0.008 min
Response: 177179035
Conc: 48.40 ng/ml



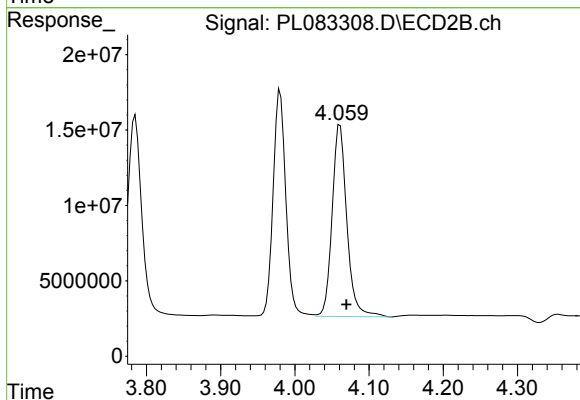
#5 Aldrin

R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 193317414
Conc: 54.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

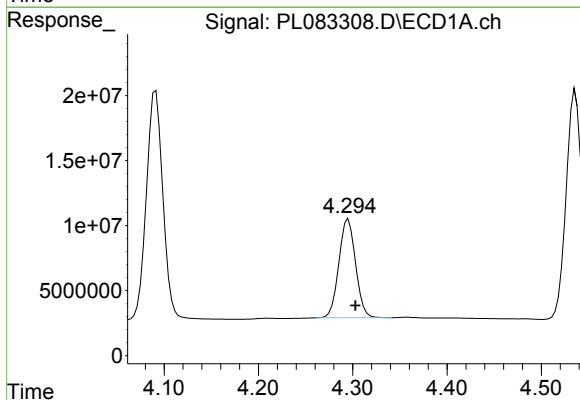
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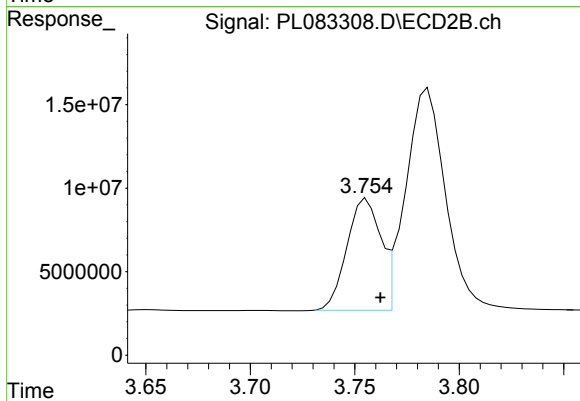
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.009 min
Response: 175761067
Conc: 54.02 ng/ml



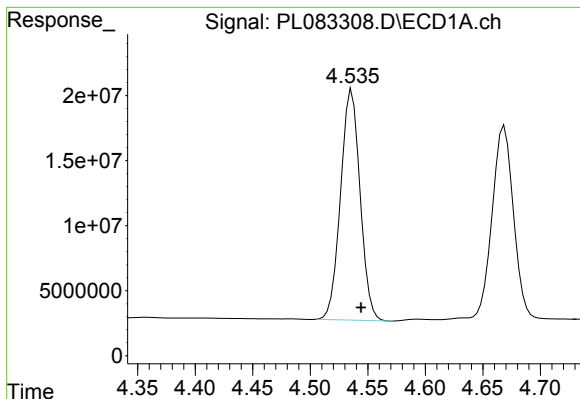
#6 beta-BHC

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 93504113
Conc: 49.66 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.007 min
Response: 74997064
Conc: 52.44 ng/ml



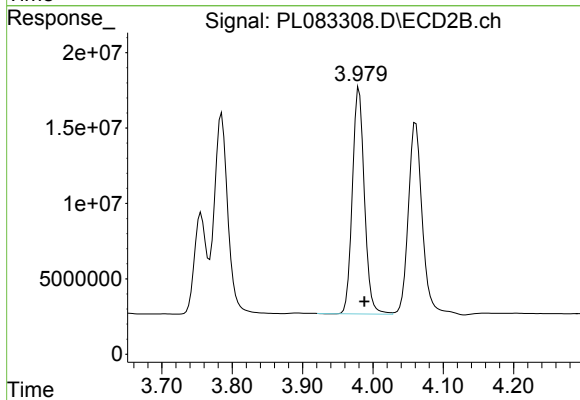
#7 delta-BHC

R.T.: 4.536 min
Delta R.T.: -0.008 min
Response: 209723321
Conc: 60.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

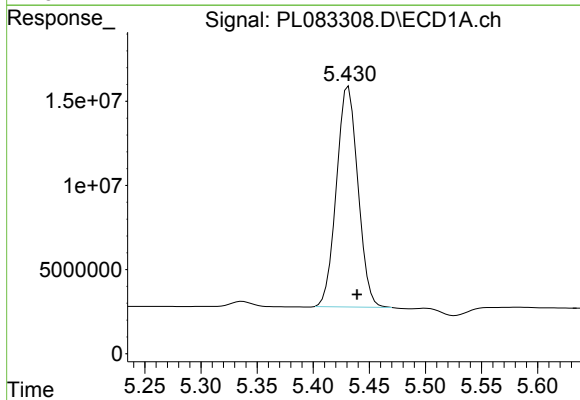
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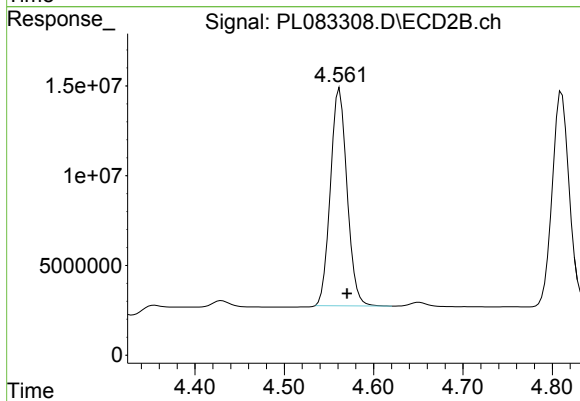
#7 delta-BHC

R.T.: 3.980 min
Delta R.T.: -0.008 min
Response: 178467670
Conc: 54.47 ng/ml



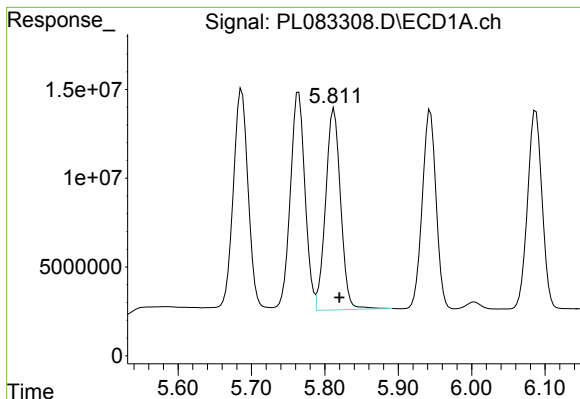
#8 Heptachlor epoxide

R.T.: 5.431 min
Delta R.T.: -0.008 min
Response: 174683162
Conc: 54.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.562 min
Delta R.T.: -0.008 min
Response: 156710644
Conc: 52.80 ng/ml



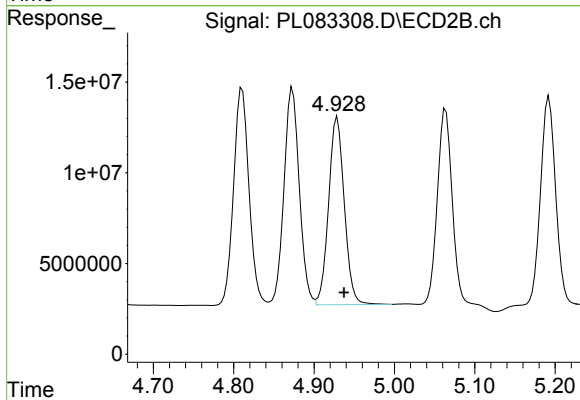
#9 Endosulfan I

R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 161536933
Conc: 53.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

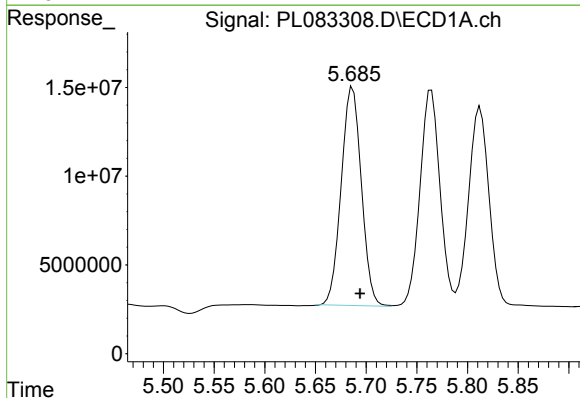
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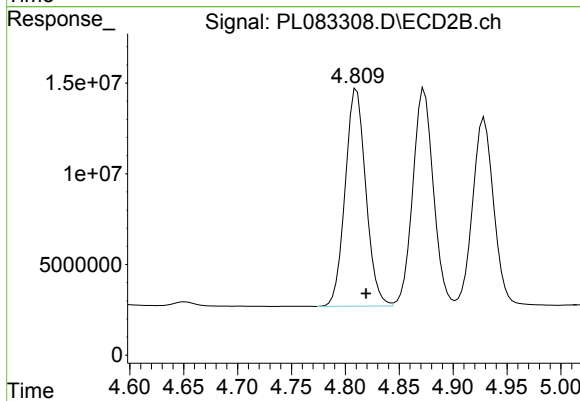
#9 Endosulfan I

R.T.: 4.929 min
Delta R.T.: -0.008 min
Response: 140701484
Conc: 50.35 ng/ml



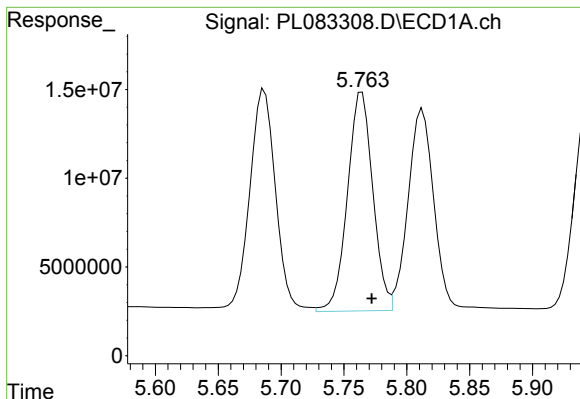
#10 gamma-Chlordane

R.T.: 5.685 min
Delta R.T.: -0.009 min
Response: 170310350
Conc: 53.61 ng/ml m



#10 gamma-Chlordane

R.T.: 4.811 min
Delta R.T.: -0.009 min
Response: 159752219
Conc: 53.19 ng/ml



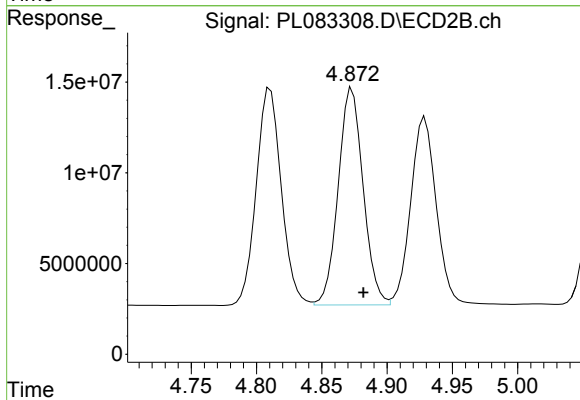
#11 alpha-Chlordane

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 172975955
Conc: 53.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

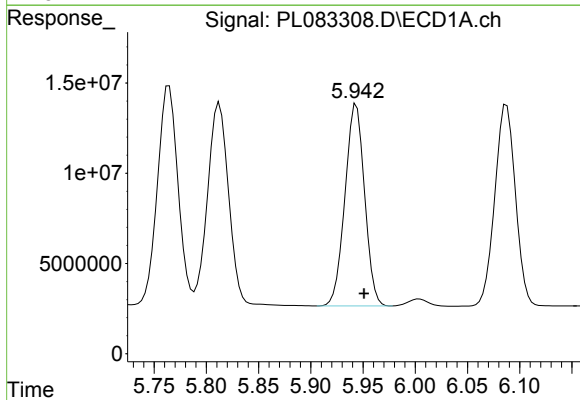
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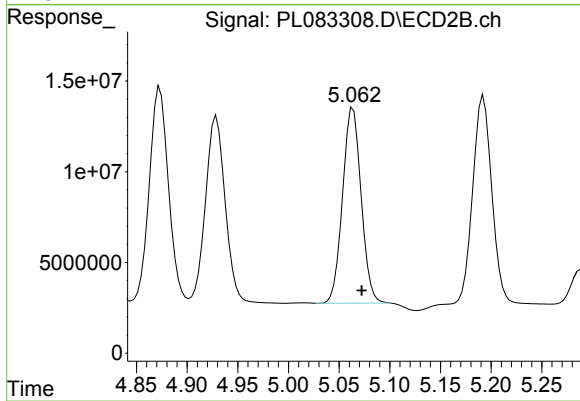
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.009 min
Response: 159000476
Conc: 52.97 ng/ml



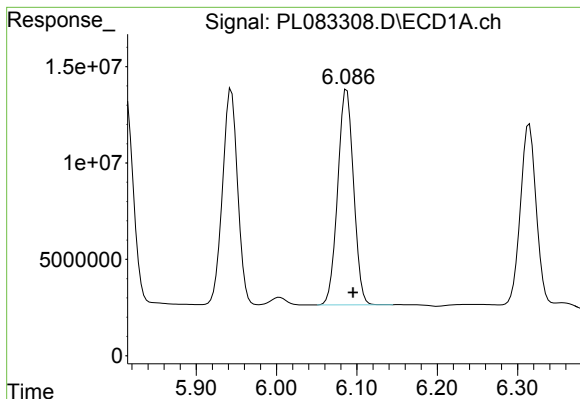
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 145899398
Conc: 52.93 ng/ml



#12 4,4'-DDE

R.T.: 5.062 min
Delta R.T.: -0.010 min
Response: 137011256
Conc: 56.41 ng/ml m



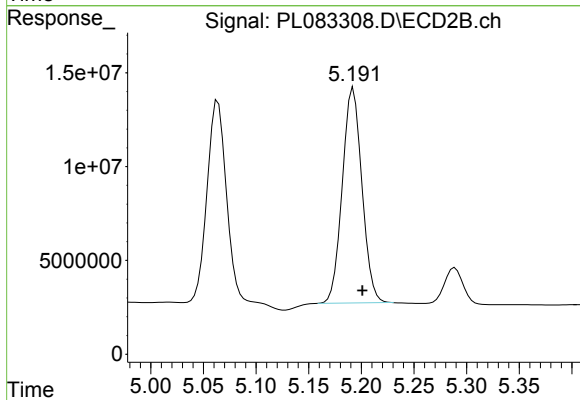
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 153276716
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

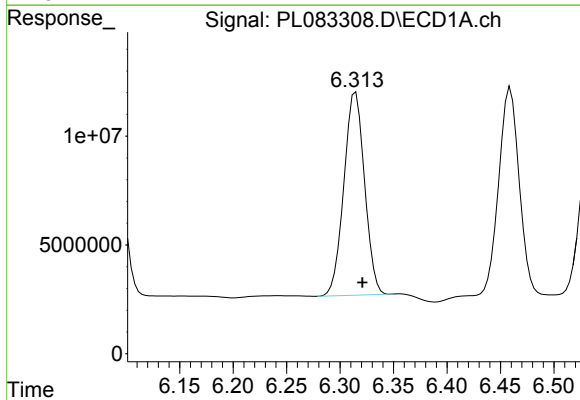
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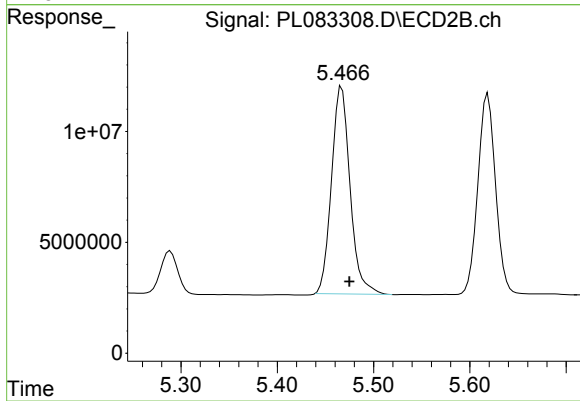
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.010 min
Response: 149197685
Conc: 52.85 ng/ml m



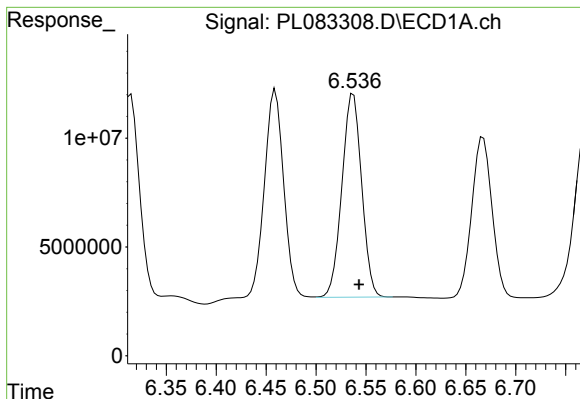
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 125812622
Conc: 46.82 ng/ml



#14 Endrin

R.T.: 5.467 min
Delta R.T.: -0.008 min
Response: 125706552
Conc: 49.55 ng/ml



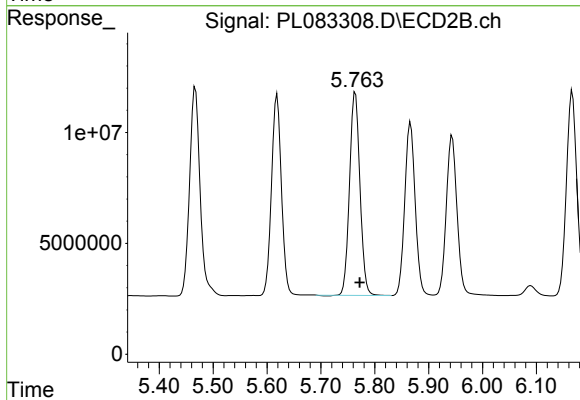
#15 Endosulfan II

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 128594989
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

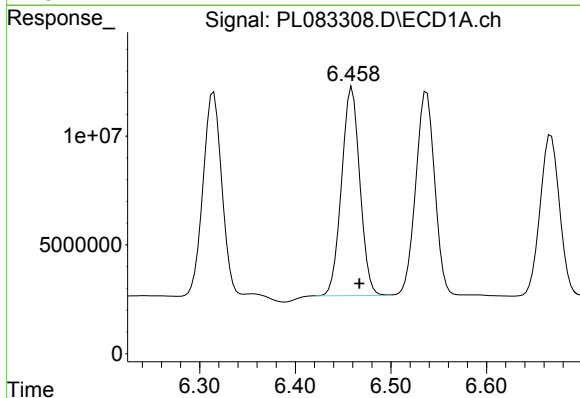
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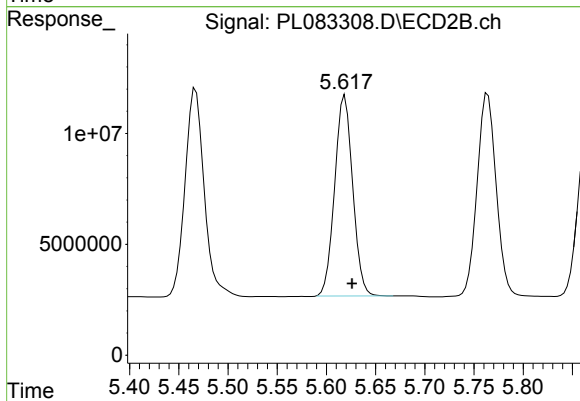
#15 Endosulfan II

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 122928966
Conc: 49.68 ng/ml



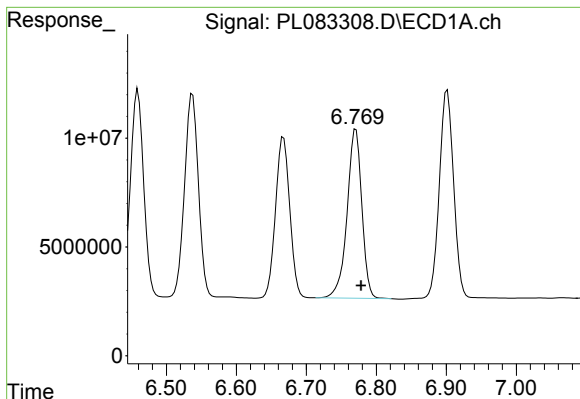
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 127700673
Conc: 58.77 ng/ml



#16 4,4'-DDD

R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 115203670
Conc: 59.90 ng/ml



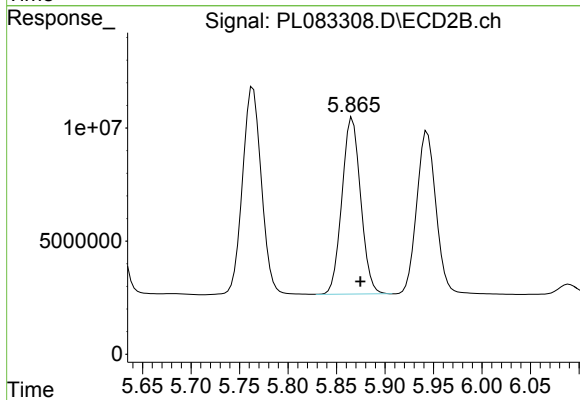
#17 4,4'-DDT

R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 113751551
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

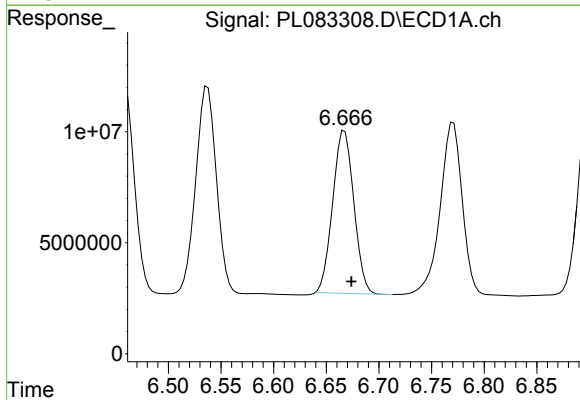
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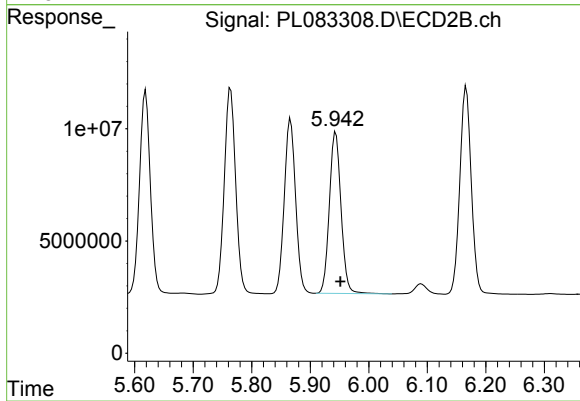
#17 4,4'-DDT

R.T.: 5.865 min
Delta R.T.: -0.010 min
Response: 104503980
Conc: 46.84 ng/ml m



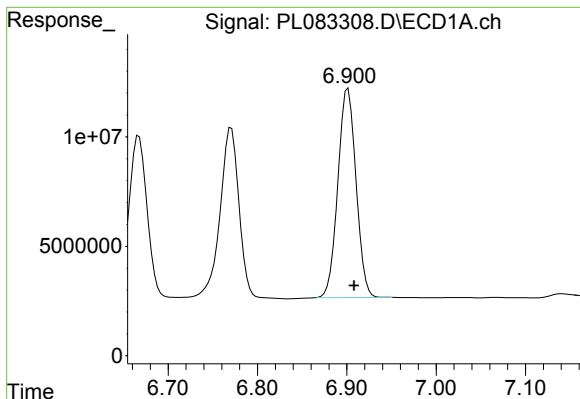
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 102320780
Conc: 50.89 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 99600957
Conc: 50.37 ng/ml



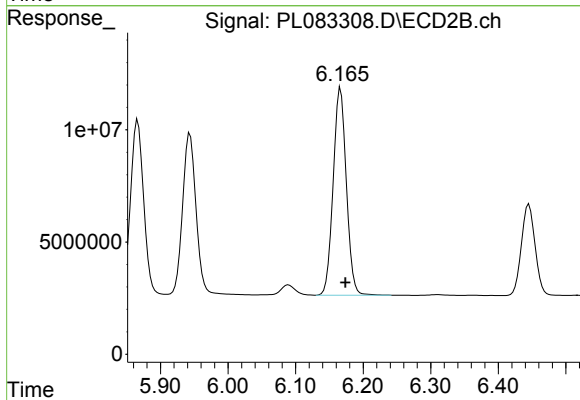
#19 Endosulfan Sulfate

R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 134878719
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

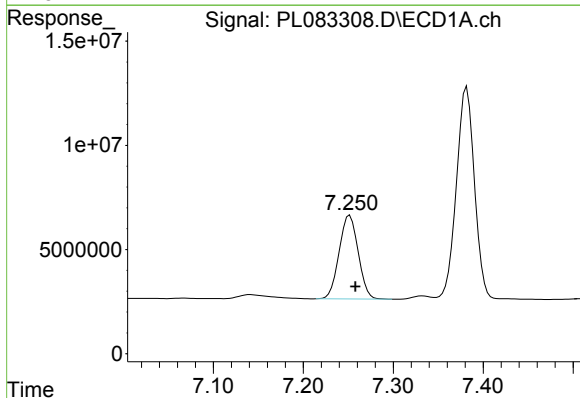
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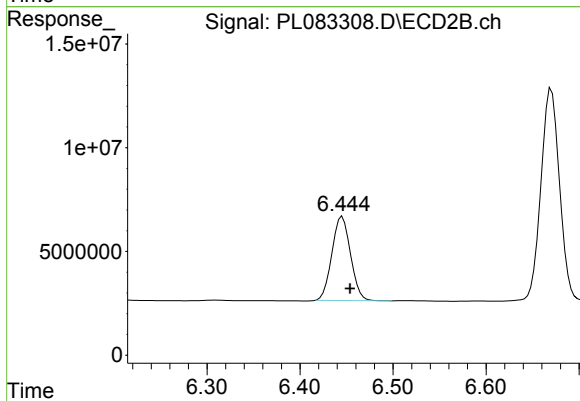
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: -0.007 min
Response: 125622546
Conc: 51.30 ng/ml



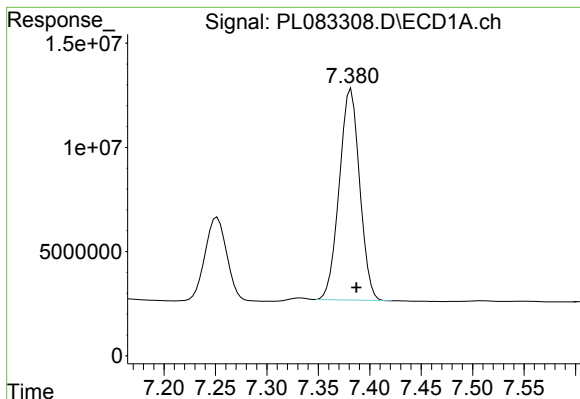
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 59133210
Conc: 44.72 ng/ml



#20 Methoxychlor

R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 56406469
Conc: 44.35 ng/ml



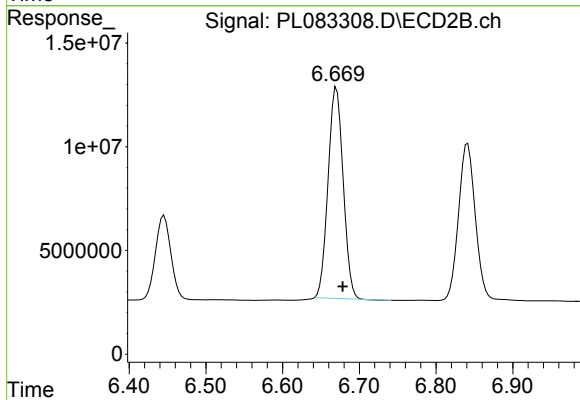
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 139632135
Conc: 54.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

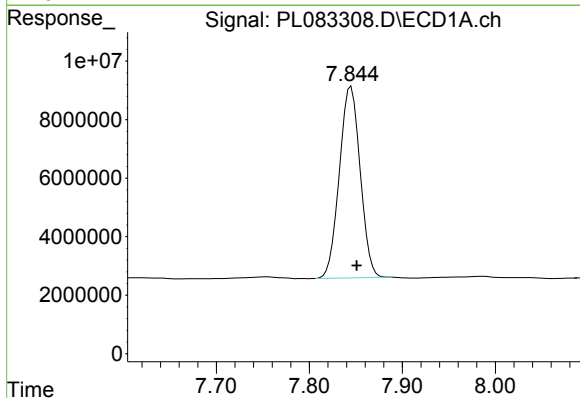
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2023
Supervised By :Ankita Jodhani 06/08/2023



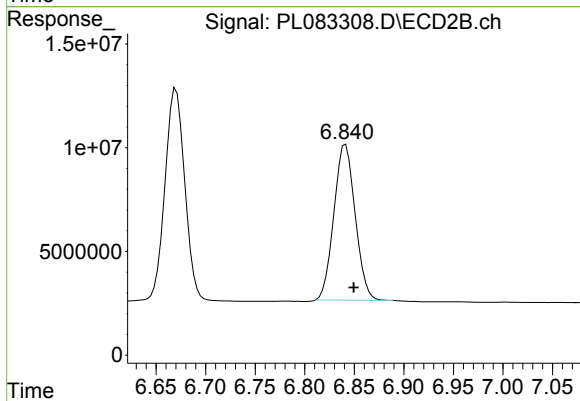
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.008 min
Response: 138818663
Conc: 51.34 ng/ml



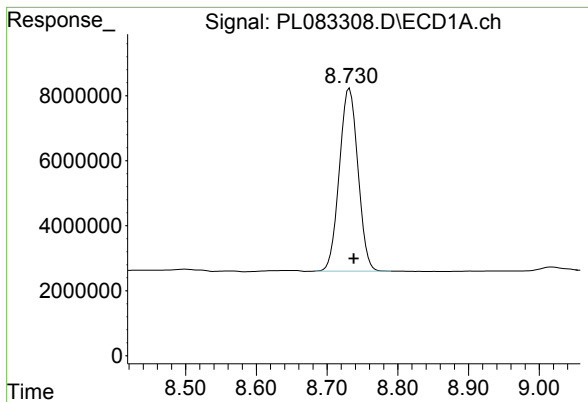
#22 Mirex

R.T.: 7.845 min
Delta R.T.: -0.006 min
Response: 101819580
Conc: 48.58 ng/ml



#22 Mirex

R.T.: 6.841 min
Delta R.T.: -0.008 min
Response: 111723666
Conc: 47.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: -0.006 min
Response: 102862613
Conc: 49.04 ng/ml

Instrument :

ECD_L

ClientSampleId :

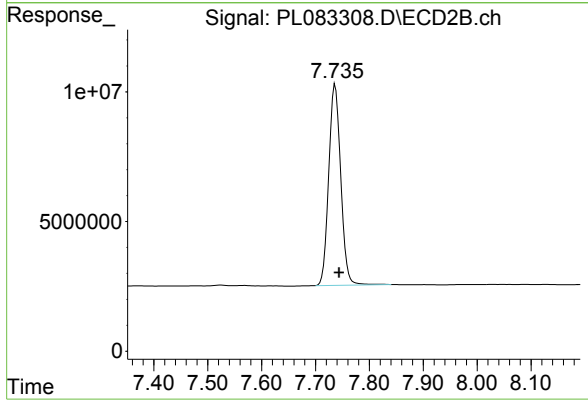
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.007 min
Response: 120398564
Conc: 48.42 ng/ml