

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110722\
 Data File : PL078871.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2022 18:38
 Operator : AR\AJ
 Sample : PB148851BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148851BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/08/2022
 Supervised By : Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:12:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.321	2.568	36884259	50360323	19.341	19.724
2) SA Decachlor...	8.770	7.634	19442505	36354703	12.924	19.194 #
Target Compounds						
2) A alpha-BHC	3.781	3.054	133.0E6	186.1E6	46.304	47.125
3) MA gamma-BHC...	4.113	3.375	123.2E6	170.1E6	46.110	47.329
4) MA Heptachlor	4.684	3.702	124.0E6	163.8E6	47.752	47.222
5) MB Aldrin	5.022	3.974	120.4E6	173.9E6	48.602	49.673
6) B beta-BHC	4.329	3.675	51934807	64411853	45.083	44.891
7) B delta-BHC	4.570	3.894	109.3E6	170.1E6	48.003	46.708
8) B Heptachlo...	5.455	4.470	109.4E6	146.7E6	51.551	48.677
9) A Endosulfan I	5.840	4.832	96028964	133.3E6	45.008	46.577
10) B gamma-Chl...	5.711	4.718	106.9E6	150.0E6	47.376	48.955
11) B alpha-Chl...	5.788	4.780	104.4E6	144.0E6	45.105	48.300
12) B 4,4'-DDE	5.971	4.975	92989559	131.5E6	46.463	48.304
13) MA Dieldrin	6.118	5.094	102.4E6	143.3E6	47.475	48.373
14) MA Endrin	6.348	5.365	86398482	118.6E6	45.525	45.527
15) B Endosulfa...	6.578	5.661	83419814	123.9E6	44.463	54.447
16) A 4,4'-DDD	6.496	5.525	79716341	113.6E6	47.820	51.715
17) MA 4,4'-DDT	6.806	5.770	66869251	103.5E6	37.309	47.727m#
18) B Endrin al...	6.709	5.840	70700038	100.1E6	48.589	53.318
19) B Endosulfa...	6.942	6.062	78726614	116.5E6	42.788	48.938
20) A Methoxychlor	7.290	6.347	35647319	53799482	38.710	47.409m
21) B Endrin ke...	7.427	6.558	84835162	134.9E6	45.092m	52.183
22) Mirex	7.884	6.730	78474596	93189286	53.756m	47.353

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110722\
 Data File : PL078871.D
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 Acq On : 07 Nov 2022 18:38
 Operator : AR\AJ
 Sample : PB148851BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

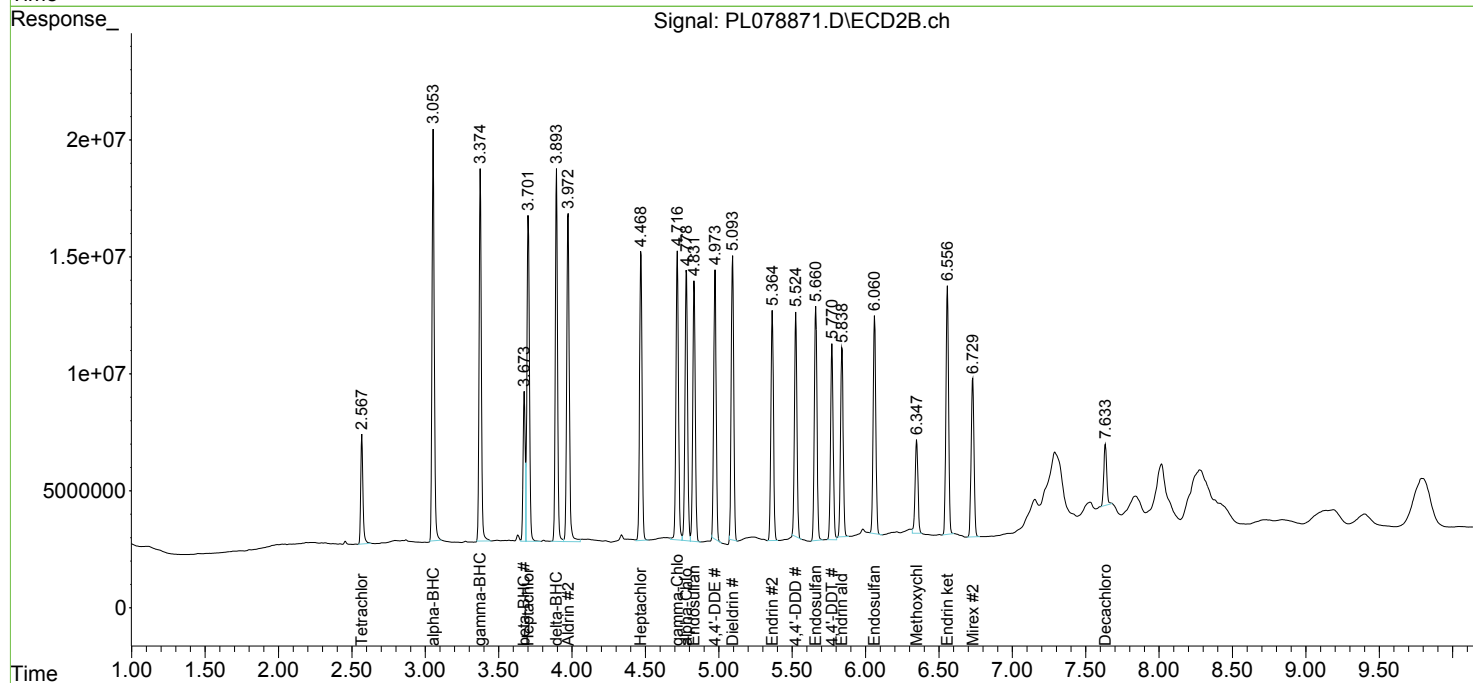
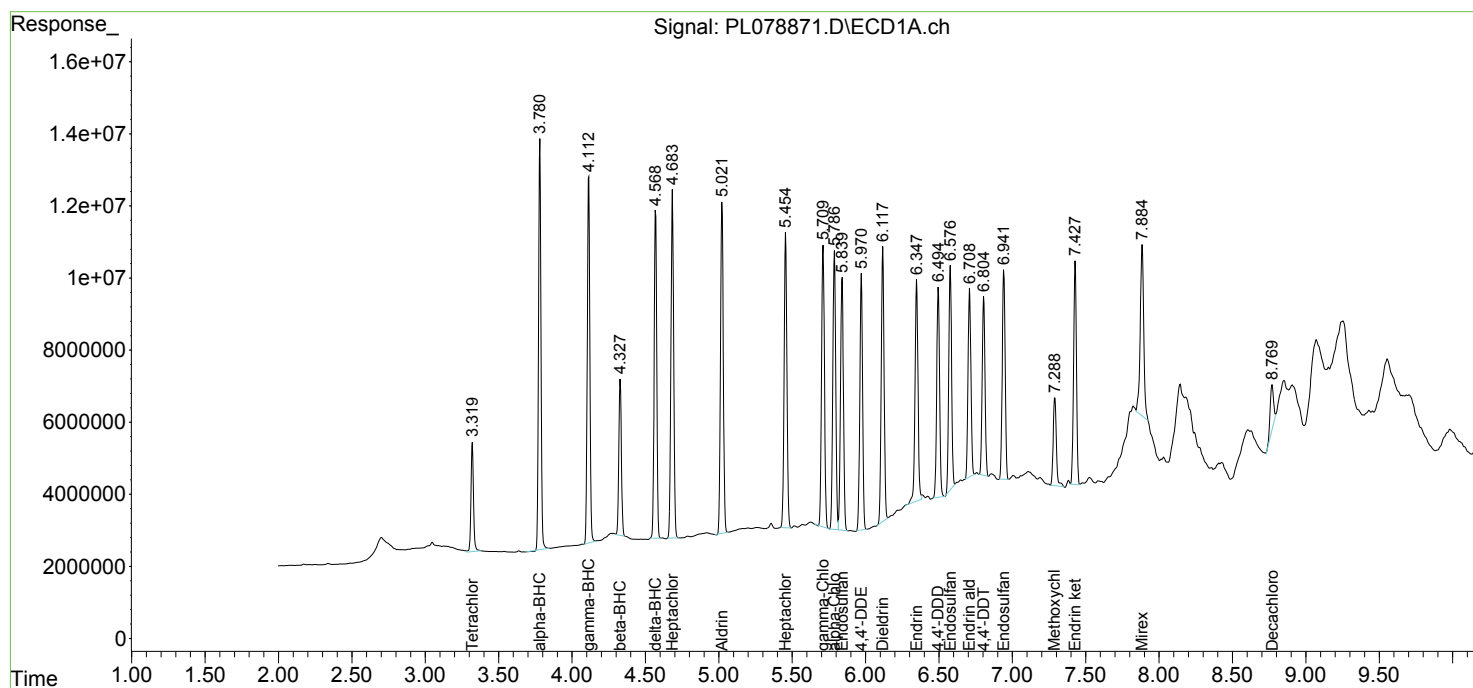
Instrument :
 ECD_L
 ClientSampleId :
 PB148851BS

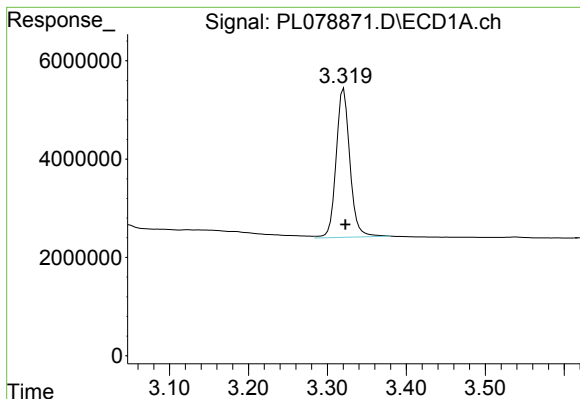
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:12:40 2022
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Volume Inj. : 1 µl
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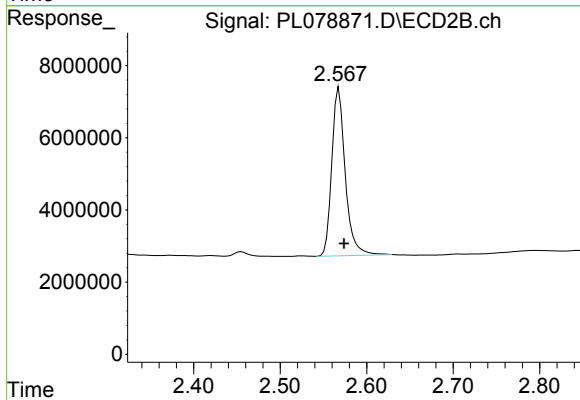
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 36884259
Conc: 19.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148851BS

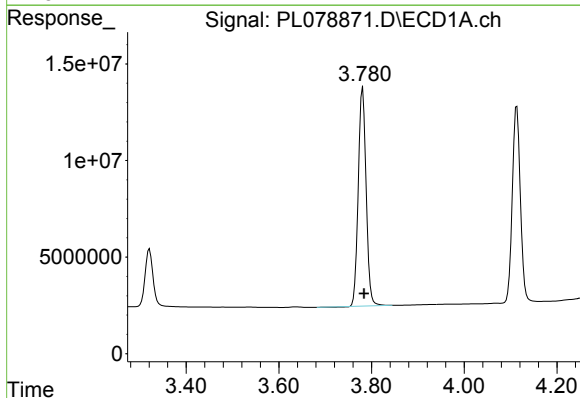
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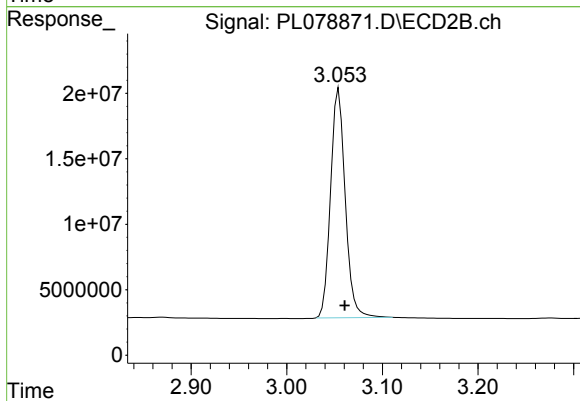
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: -0.006 min
Response: 50360323
Conc: 19.72 ng/ml



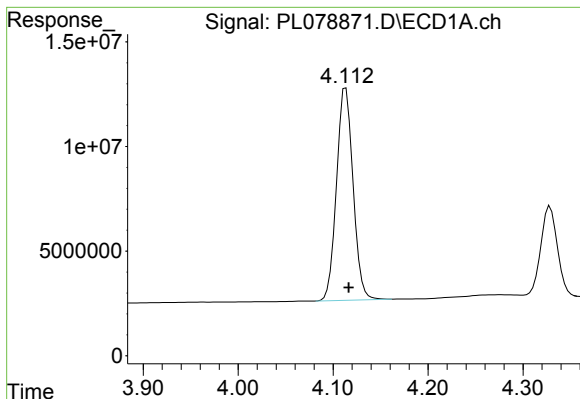
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 132957049
Conc: 46.30 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: -0.006 min
Response: 186098335
Conc: 47.13 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: -0.003 min
Response: 123192275
Conc: 46.11 ng/ml

Instrument :

ECD_L

ClientSampleId :

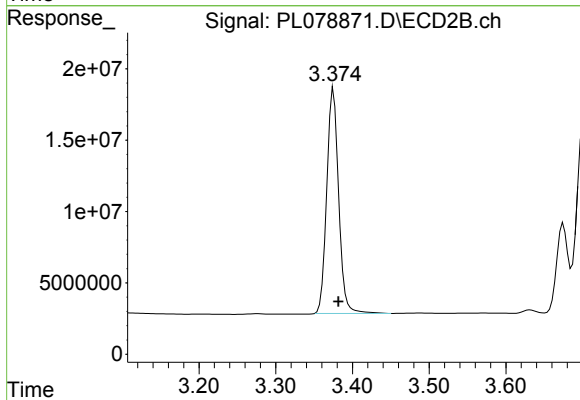
PB148851BS

Manual Integrations

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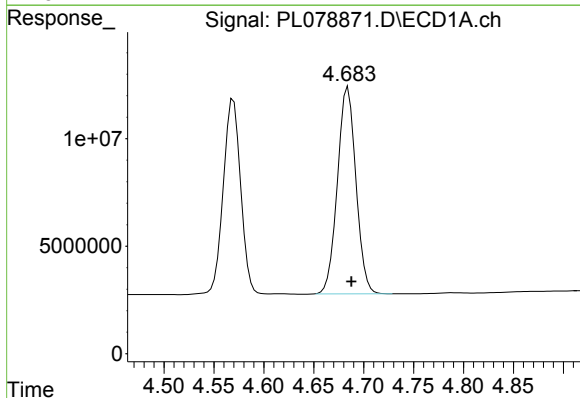
Reviewed By :Abdul Mirza 11/08/2022

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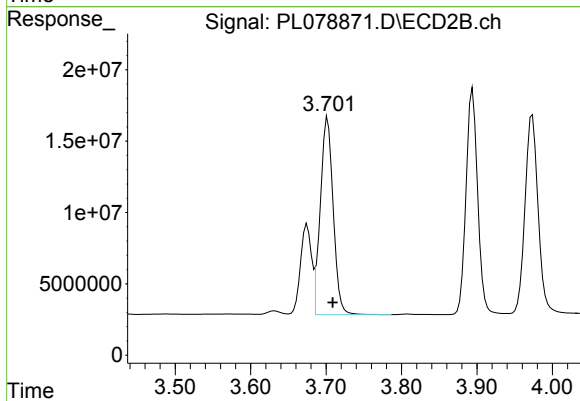
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: -0.006 min
Response: 170108030
Conc: 47.33 ng/ml



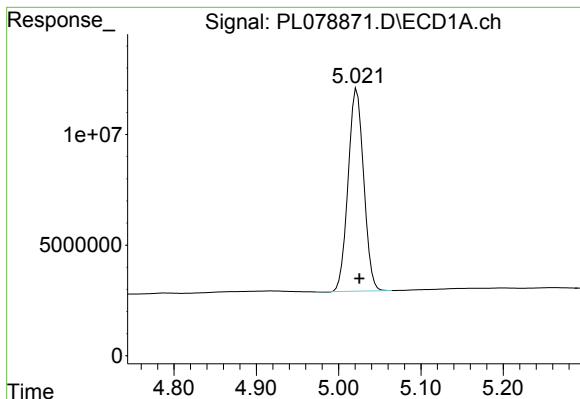
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.003 min
Response: 123964632
Conc: 47.75 ng/ml



#4 Heptachlor

R.T.: 3.702 min
Delta R.T.: -0.007 min
Response: 163755338
Conc: 47.22 ng/ml



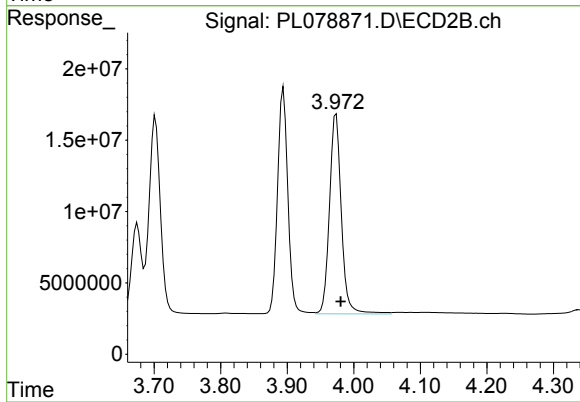
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 120373031
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148851BS

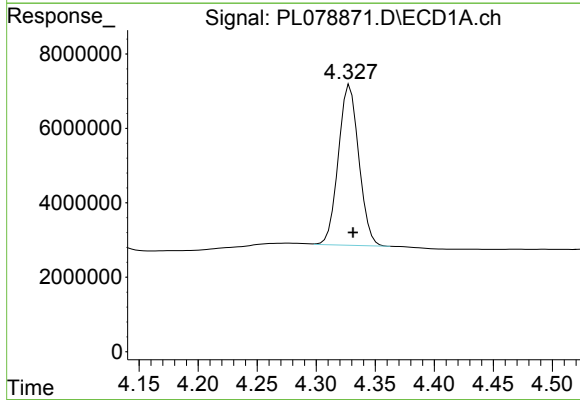
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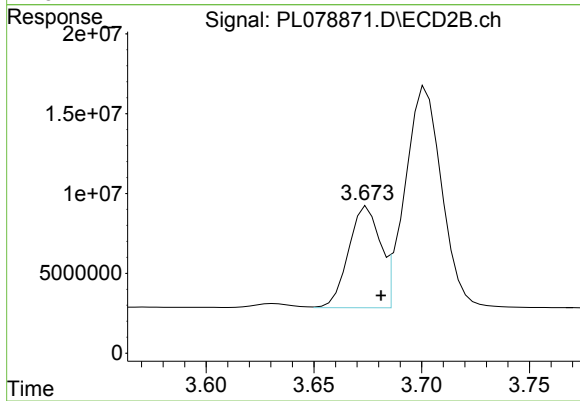
#5 Aldrin

R.T.: 3.974 min
Delta R.T.: -0.007 min
Response: 173941327
Conc: 49.67 ng/ml



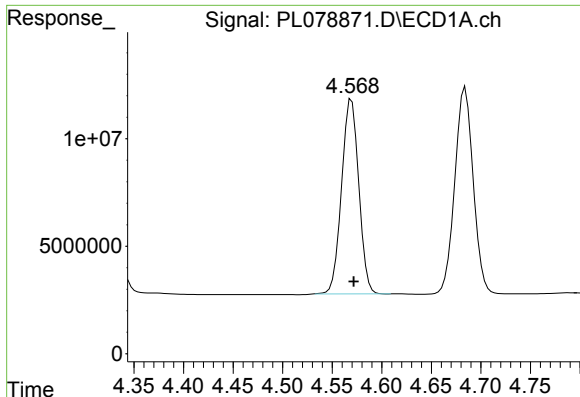
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 51934807
Conc: 45.08 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 64411853
Conc: 44.89 ng/ml



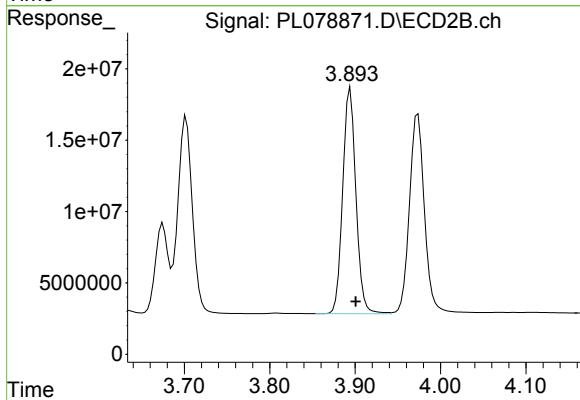
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: -0.002 min
Response: 109295287
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148851BS

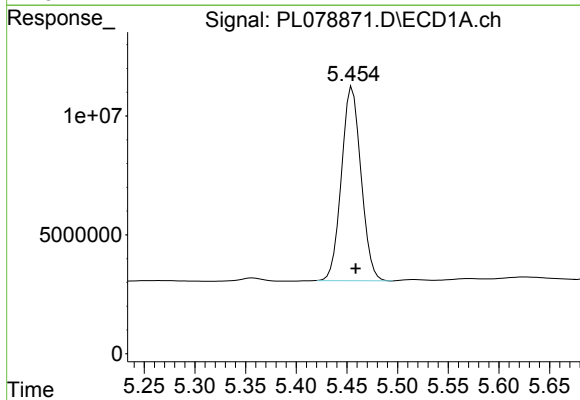
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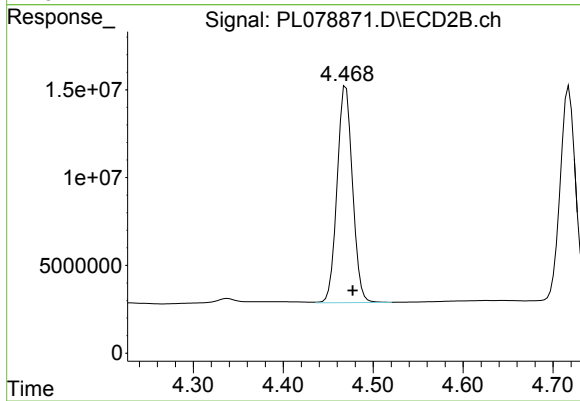
#7 delta-BHC

R.T.: 3.894 min
Delta R.T.: -0.007 min
Response: 170077482
Conc: 46.71 ng/ml



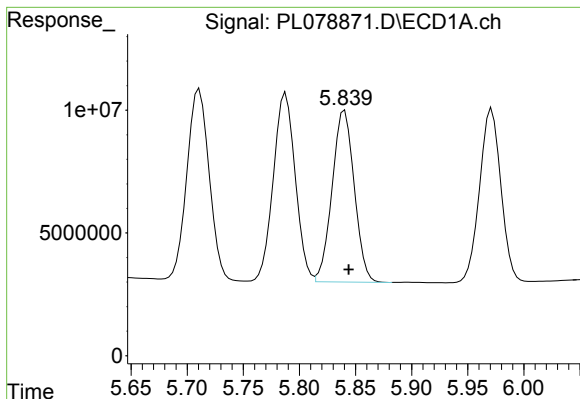
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: -0.003 min
Response: 109443411
Conc: 51.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.008 min
Response: 146674852
Conc: 48.68 ng/ml



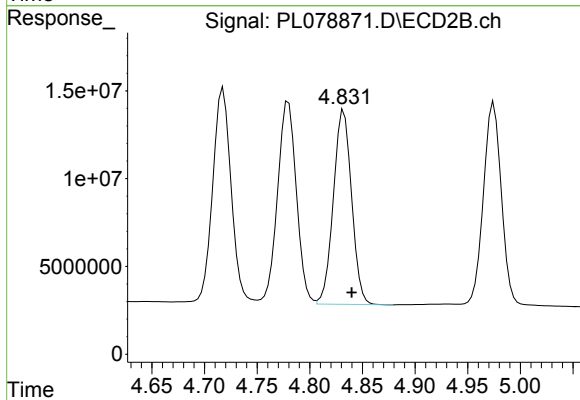
#9 Endosulfan I

R.T.: 5.840 min
Delta R.T.: -0.004 min
Response: 96028964
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148851BS

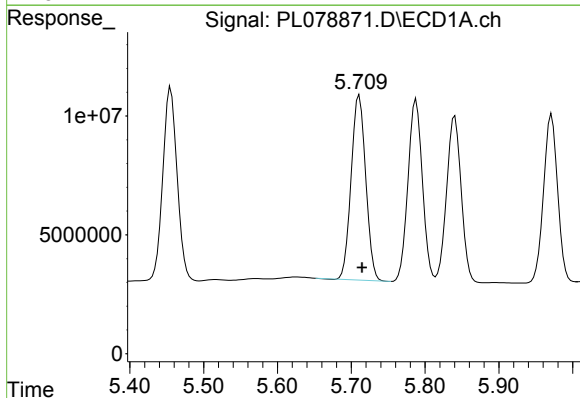
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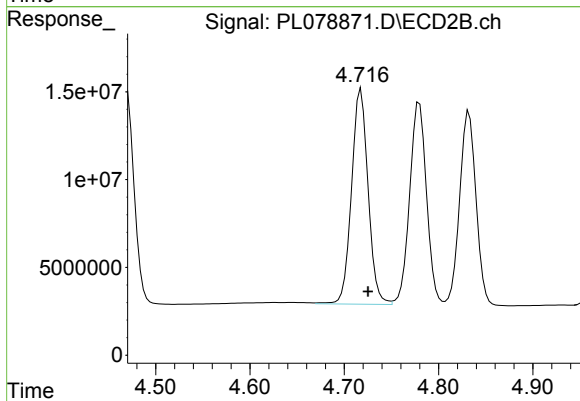
#9 Endosulfan I

R.T.: 4.832 min
Delta R.T.: -0.007 min
Response: 133333121
Conc: 46.58 ng/ml



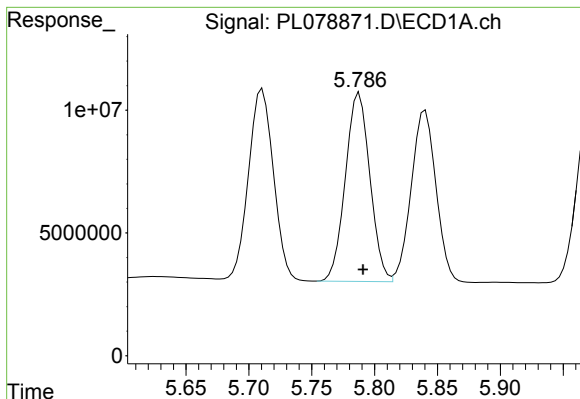
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 106935407
Conc: 47.38 ng/ml



#10 gamma-Chlordane

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 150019398
Conc: 48.95 ng/ml



#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 104364323
Conc: 45.11 ng/ml

Instrument :

ECD_L

ClientSampleId :

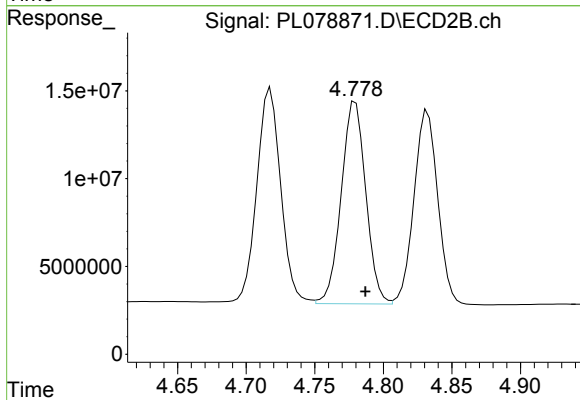
PB148851BS

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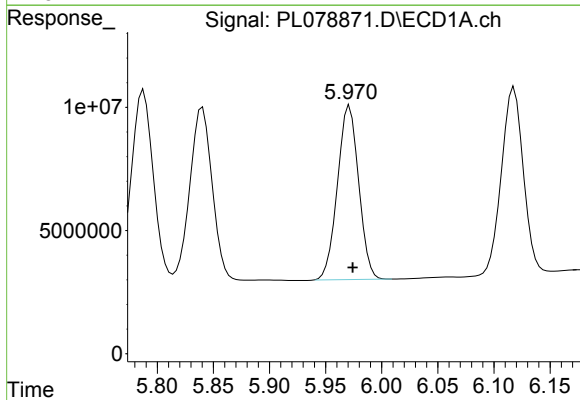
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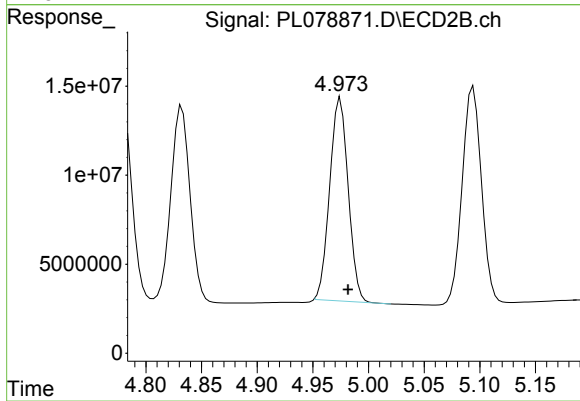
#11 alpha-Chlordane

R.T.: 4.780 min
Delta R.T.: -0.007 min
Response: 143952298
Conc: 48.30 ng/ml



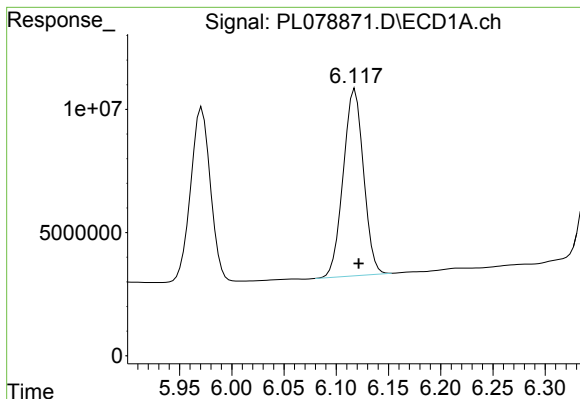
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: -0.003 min
Response: 92989559
Conc: 46.46 ng/ml



#12 4,4'-DDE

R.T.: 4.975 min
Delta R.T.: -0.007 min
Response: 131509760
Conc: 48.30 ng/ml



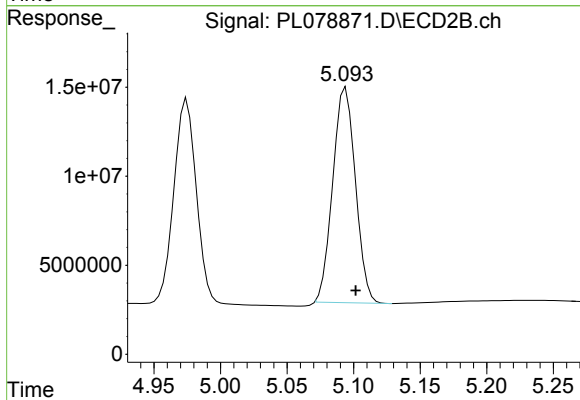
#13 Dieldrin

R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 102379400
Conc: 47.47 ng/ml

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ECD_L
ClientSampleId :
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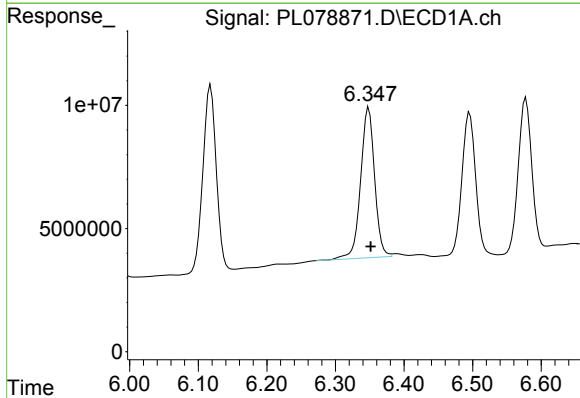
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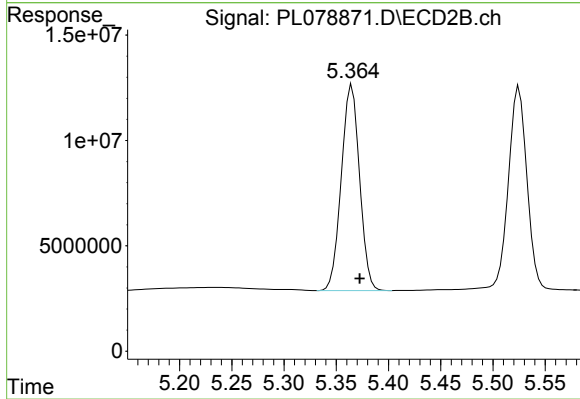
#13 Dieldrin

R.T.: 5.094 min
Delta R.T.: -0.008 min
Response: 143333475
Conc: 48.37 ng/ml



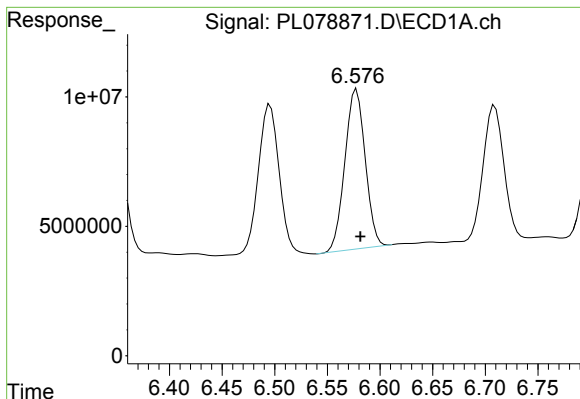
#14 Endrin

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 86398482
Conc: 45.53 ng/ml



#14 Endrin

R.T.: 5.365 min
Delta R.T.: -0.008 min
Response: 118608349
Conc: 45.53 ng/ml



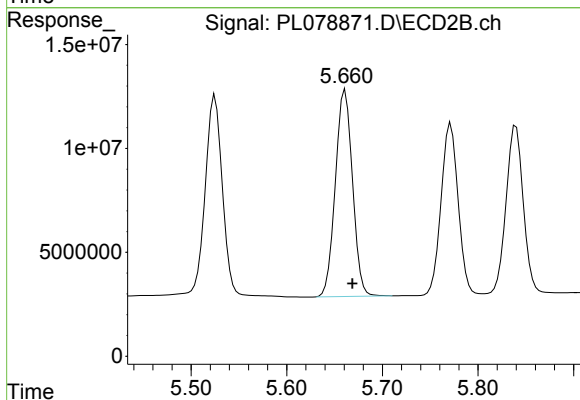
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 83419814
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148851BS

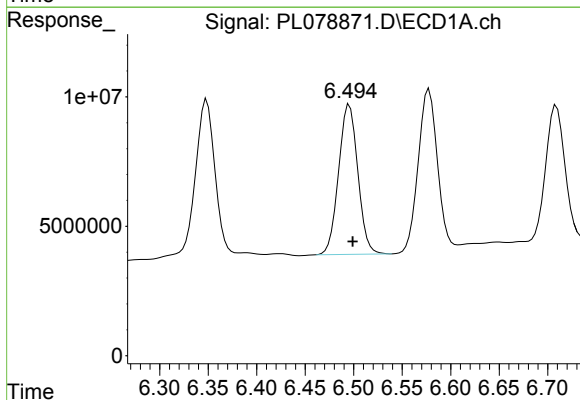
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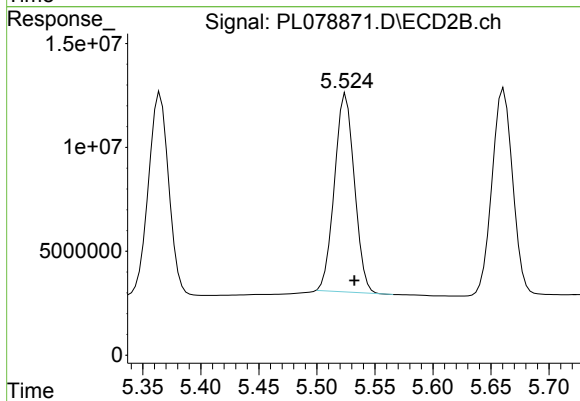
#15 Endosulfan II

R.T.: 5.661 min
Delta R.T.: -0.007 min
Response: 123936565
Conc: 54.45 ng/ml



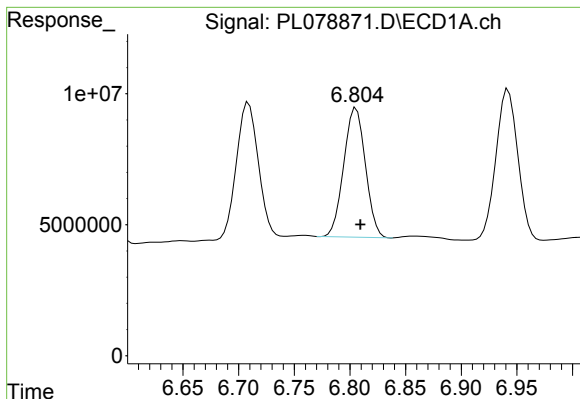
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 79716341
Conc: 47.82 ng/ml



#16 4,4'-DDD

R.T.: 5.525 min
Delta R.T.: -0.007 min
Response: 113585567
Conc: 51.71 ng/ml



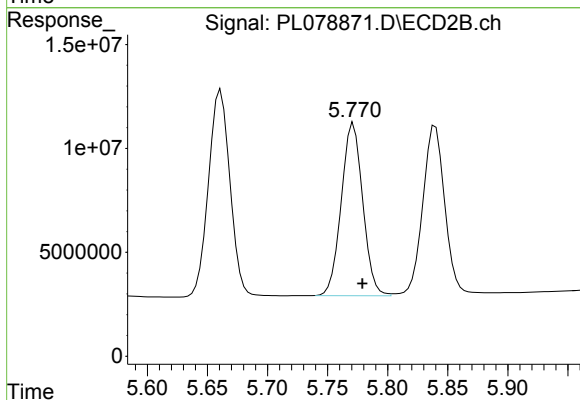
#17 4,4'-DDT

R.T.: 6.806 min
Delta R.T.: -0.004 min
Response: 66869251
Conc: 37.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148851BS

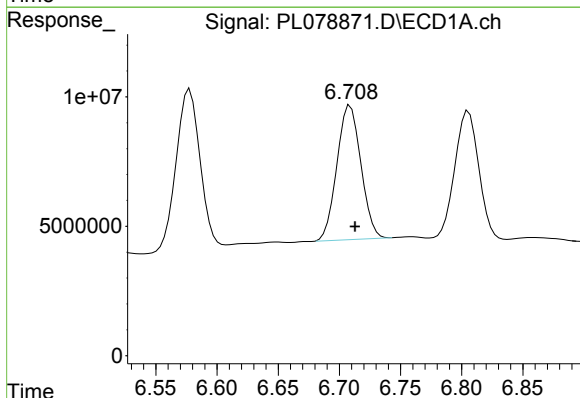
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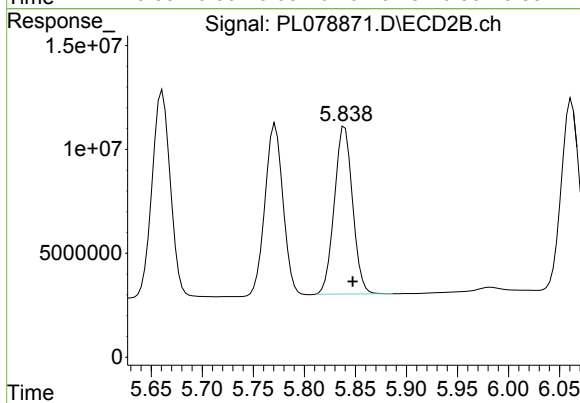
#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: -0.009 min
Response: 103525447
Conc: 47.73 ng/ml m



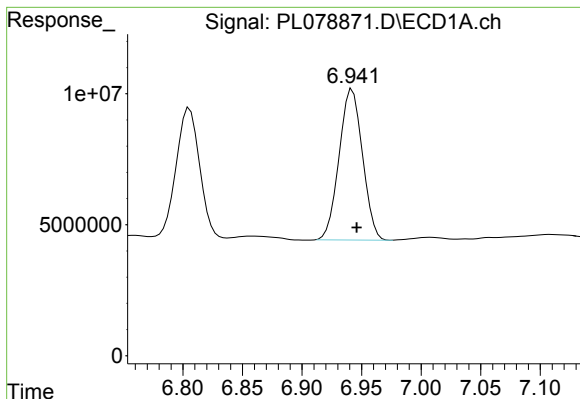
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: -0.004 min
Response: 70700038
Conc: 48.59 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: -0.008 min
Response: 100066331
Conc: 53.32 ng/ml



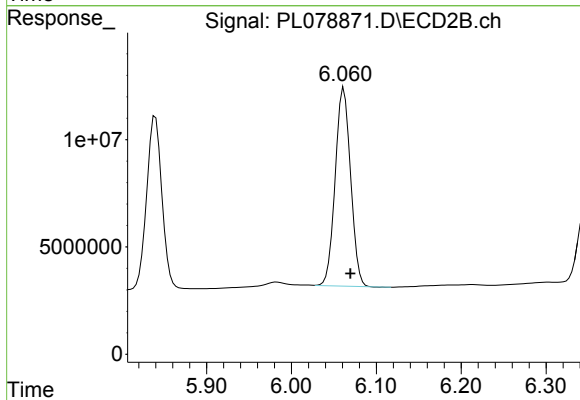
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: -0.004 min
Response: 78726614
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148851BS

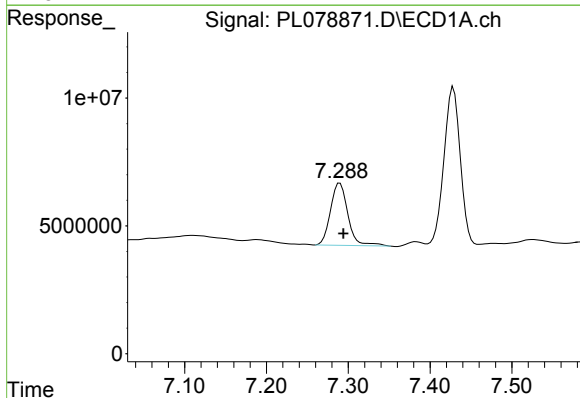
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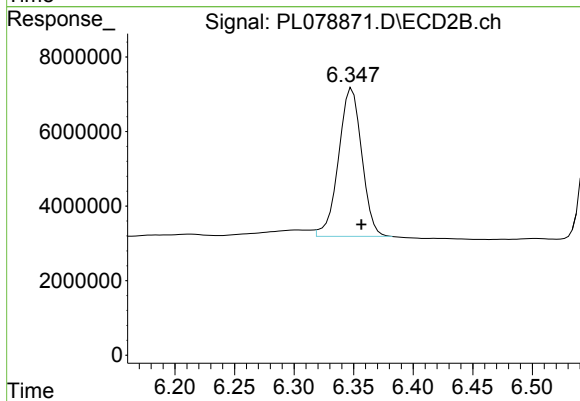
#19 Endosulfan Sulfate

R.T.: 6.062 min
Delta R.T.: -0.008 min
Response: 116497070
Conc: 48.94 ng/ml



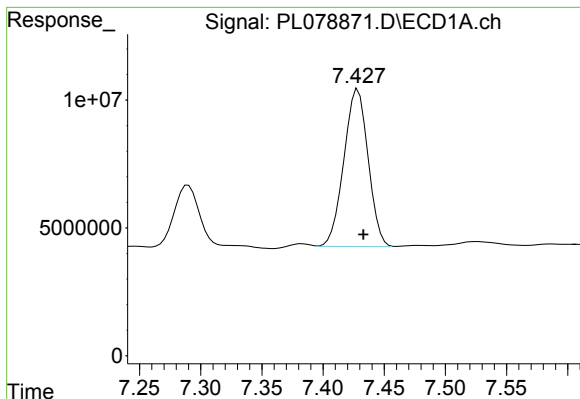
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 35647319
Conc: 38.71 ng/ml



#20 Methoxychlor

R.T.: 6.347 min
Delta R.T.: -0.009 min
Response: 53799482
Conc: 47.41 ng/ml m



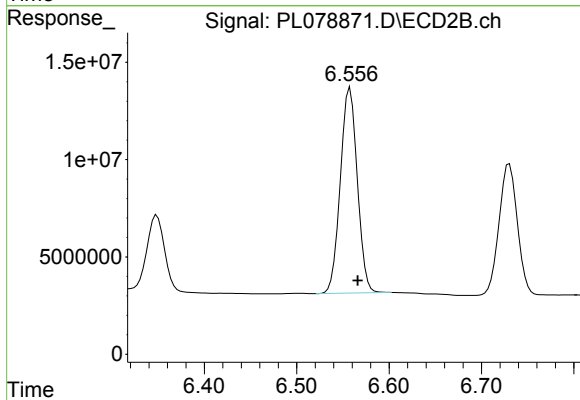
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: -0.006 min
Response: 84835162
Conc: 45.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148851BS

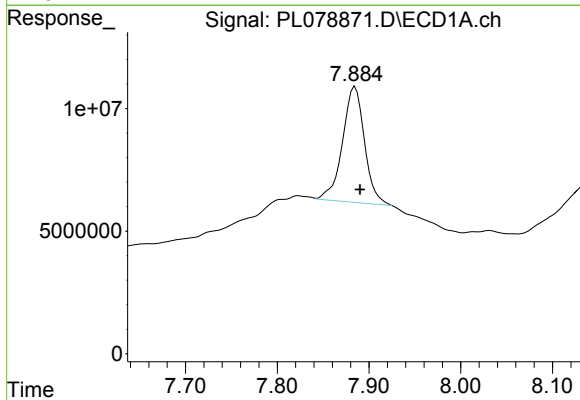
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



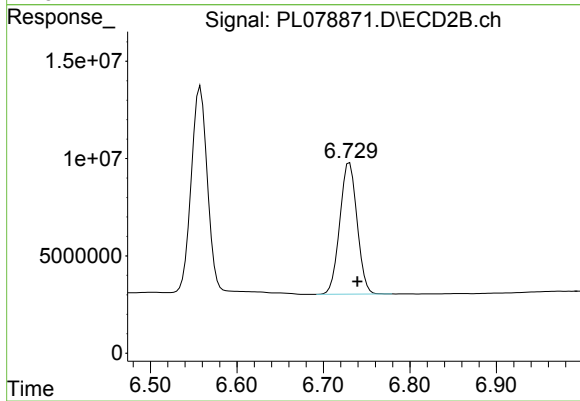
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 134878000
Conc: 52.18 ng/ml



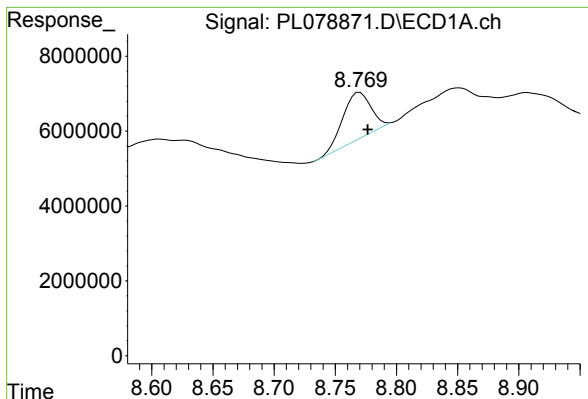
#22 Mirex

R.T.: 7.884 min
Delta R.T.: -0.007 min
Response: 78474596
Conc: 53.76 ng/ml m



#22 Mirex

R.T.: 6.730 min
Delta R.T.: -0.009 min
Response: 93189286
Conc: 47.35 ng/ml



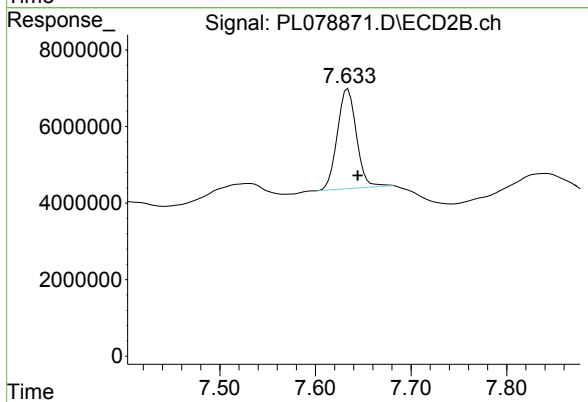
#28 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: -0.006 min
Response: 19442505
Conc: 12.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148851BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 36354703
Conc: 19.19 ng/ml