

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041224\
 Data File : PL089014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2024 18:06
 Operator : AR\AJ
 Sample : PB160152BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB160152BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/11/2024
 Supervised By :Ankita Jodhani 04/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 04:16:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.635	2.852	50092268	26943385	18.903	20.217
28)	SA Decachlor...	9.301	8.078	35685764	22547152	14.436	16.629
Target Compounds							
2)	A alpha-BHC	4.100	3.366	185.6E6	102.8E6	46.485	51.136
3)	MA gamma-BHC...	4.438	3.703	169.7E6	95298412	43.769	49.657
4)	MA Heptachlor	5.038	4.051	149.4E6	84939434	39.331	47.196
5)	MB Aldrin	5.385	4.336	155.4E6	90546344	42.399	50.107
6)	B beta-BHC	4.636	4.005	76154201	42885292	42.941	50.027
7)	B delta-BHC	4.887	4.239	164.1E6	92412310	40.730	48.306
8)	B Heptachlo...	5.816	4.846	150.6E6	82254065	43.836	50.018
9)	A Endosulfan I	6.207	5.222	134.4E6	75625643	43.959	50.308
10)	B gamma-Chl...	6.075	5.101	157.5E6	85517362	47.272	51.631
11)	B alpha-Chl...	6.155	5.166	149.7E6	84120858	45.025	50.677
12)	B 4,4'-DDE	6.330	5.358	130.5E6	75192068	43.666	51.551
13)	MA Dieldrin	6.485	5.491	140.6E6	80495611	43.370	49.562
14)	MA Endrin	6.717	5.770	113.3E6	71420797	41.439	49.549
15)	B Endosulfa...	6.938	6.067	116.3E6	69627872	40.591	48.424
16)	A 4,4'-DDD	6.853	5.920	106.2E6	62919869	41.712	50.523
17)	MA 4,4'-DDT	7.171	6.175	94639576	57264072	35.506	42.664
18)	B Endrin al...	7.068	6.250	84858625	51109280	40.644m	48.771
19)	B Endosulfa...	7.307	6.475	111.0E6	65657879	40.181	47.323
20)	A Methoxychlor	7.652	6.758	50109114	32281464	33.262	40.248
21)	B Endrin ke...	7.798	6.987	111.6E6	71282364	37.738	43.183
22)	Mirex	8.280	7.174	91818297	60632838	39.163	44.966

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041224\
Data File : PL089014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2024 18:06
Operator : AR\AJ
Sample : PB160152BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB160152BS

Manual Integrations

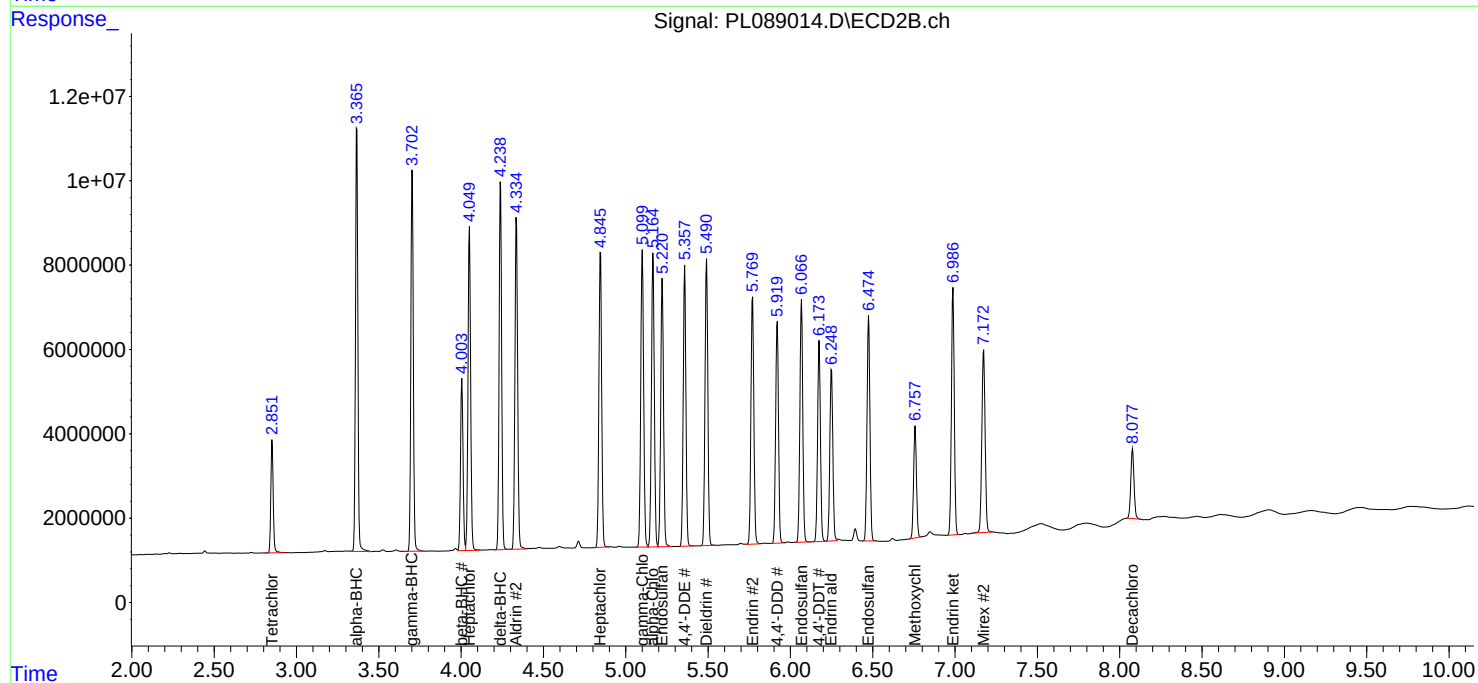
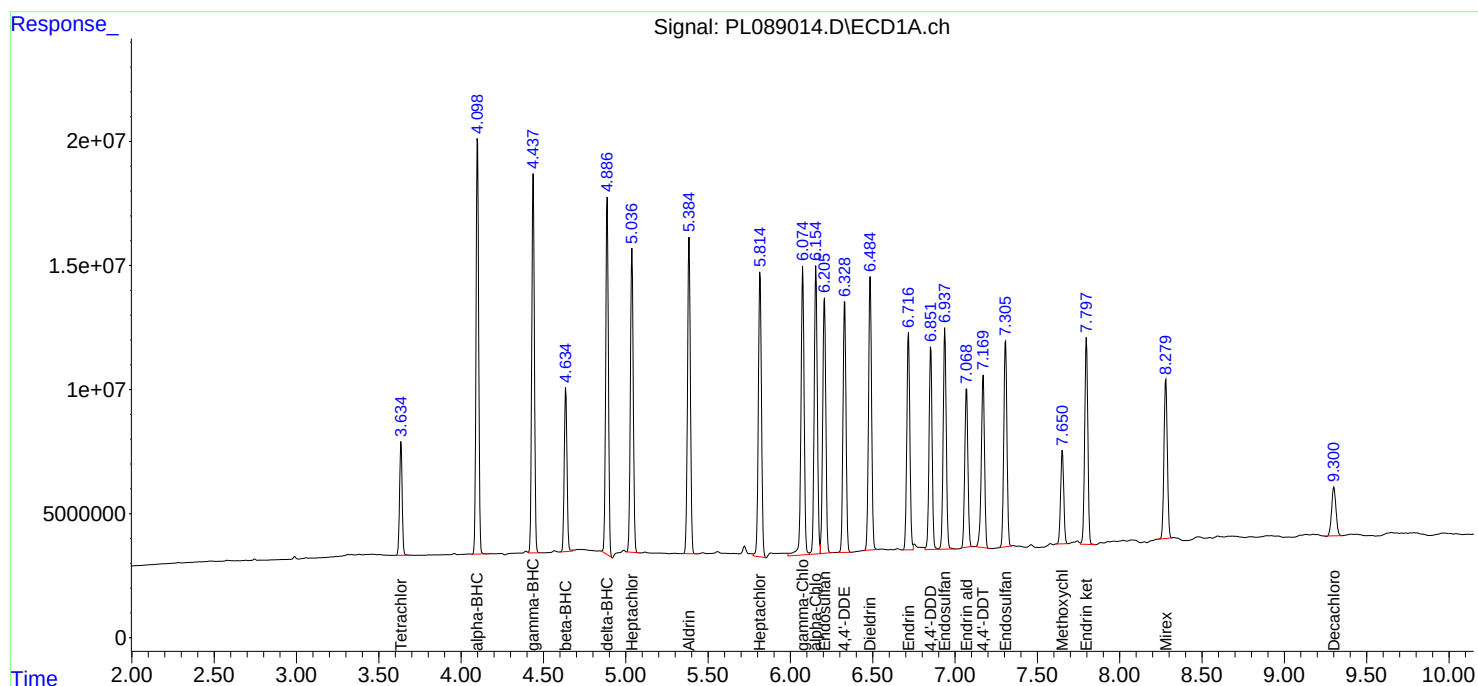
APPROVED

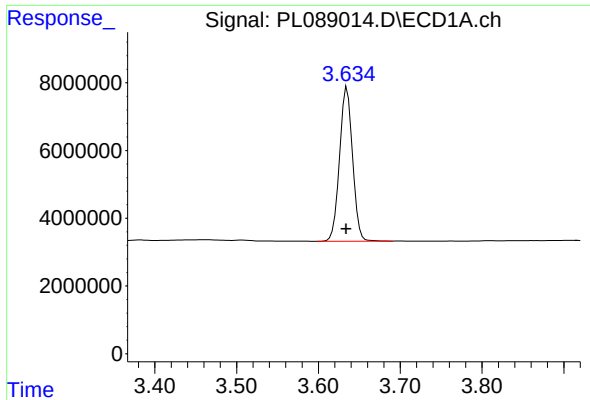
Reviewed By :Abdul Mirza 04/11/2024

Supervised By :Ankita Jodhani 04/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 04:16:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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





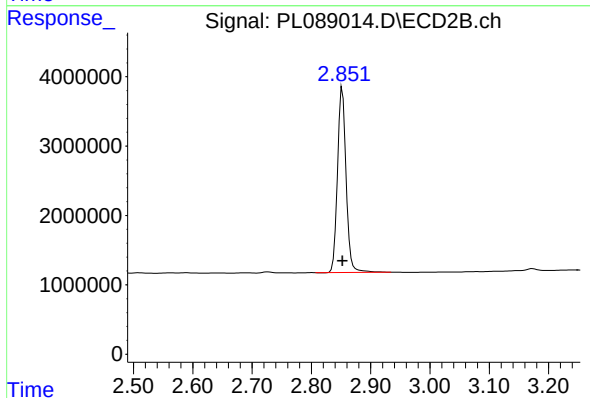
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.001 min
Response: 50092268
Conc: 18.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

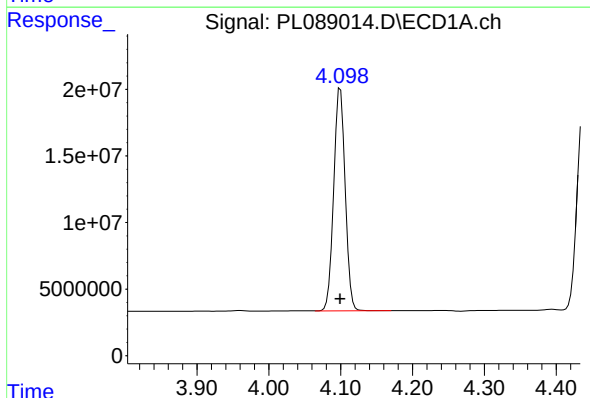
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



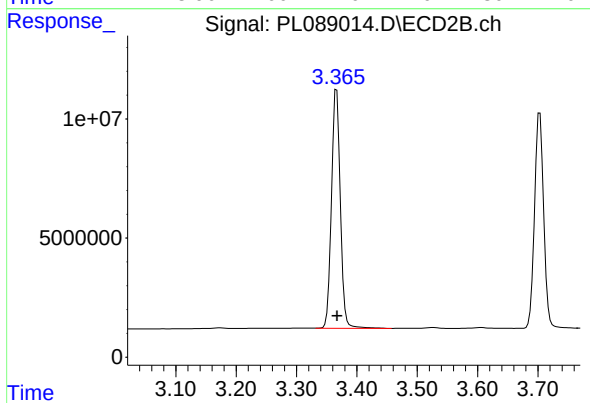
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 26943385
Conc: 20.22 ng/ml



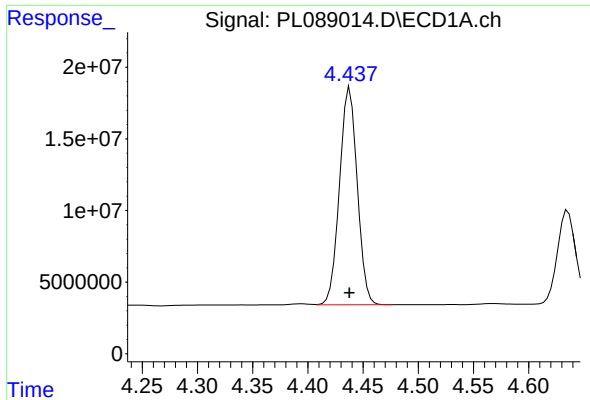
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 185555799
Conc: 46.49 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 102755291
Conc: 51.14 ng/ml



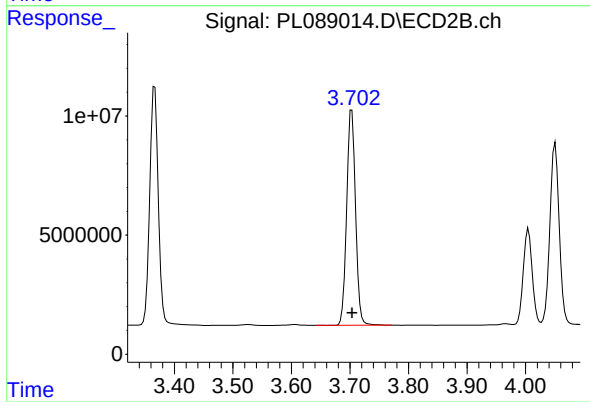
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 169746794
Conc: 43.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

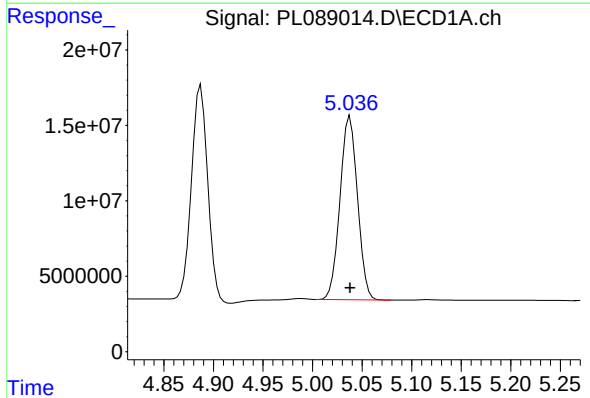
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



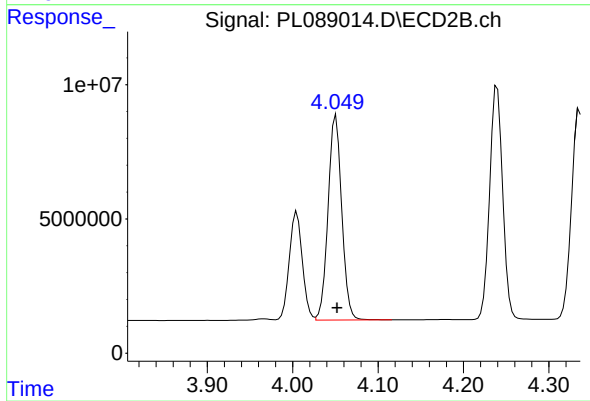
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 95298412
Conc: 49.66 ng/ml



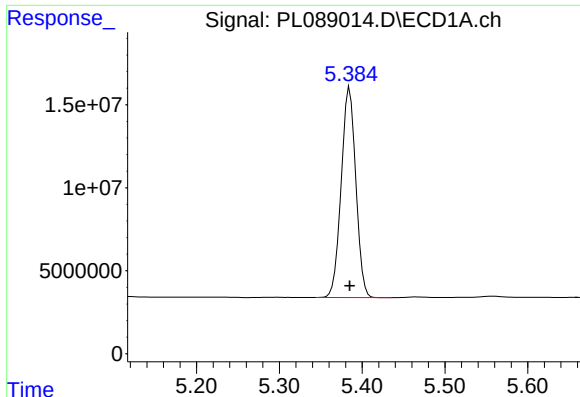
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 149357714
Conc: 39.33 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: -0.001 min
Response: 84939434
Conc: 47.20 ng/ml



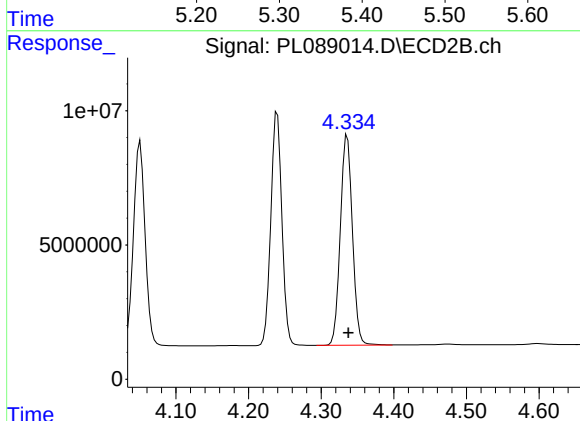
#5 Aldrin

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 155369538
Conc: 42.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

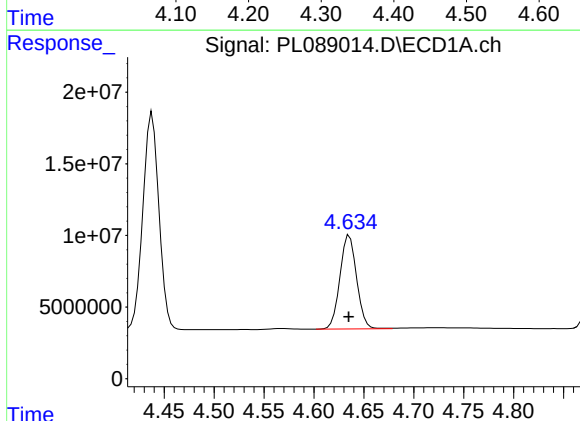
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



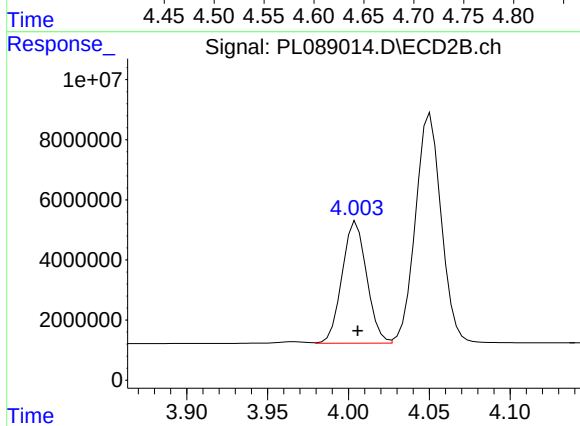
#5 Aldrin

R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 90546344
Conc: 50.11 ng/ml



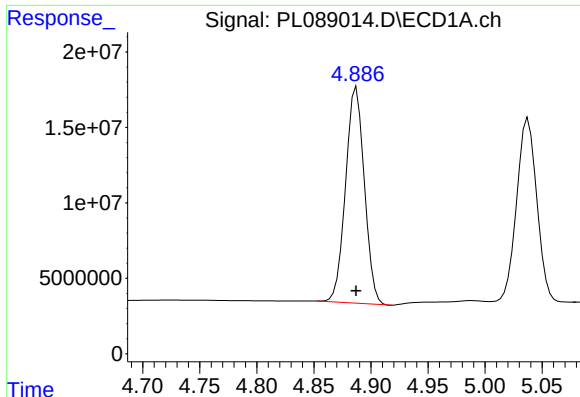
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 76154201
Conc: 42.94 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 42885292
Conc: 50.03 ng/ml



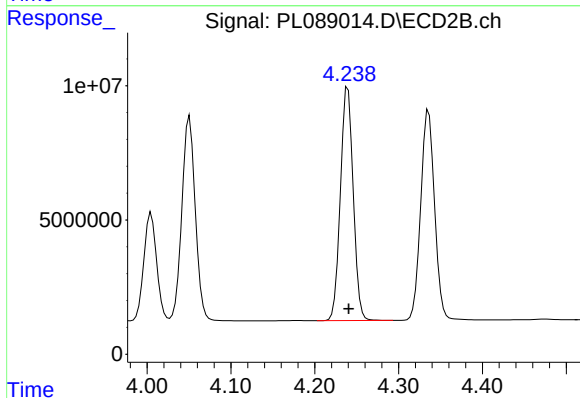
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 164067686
Conc: 40.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

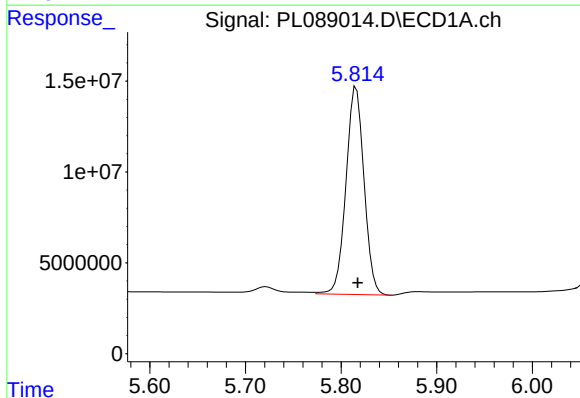
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



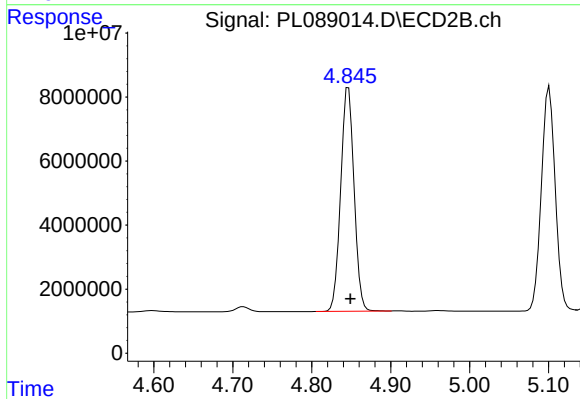
#7 delta-BHC

R.T.: 4.239 min
Delta R.T.: -0.001 min
Response: 92412310
Conc: 48.31 ng/ml



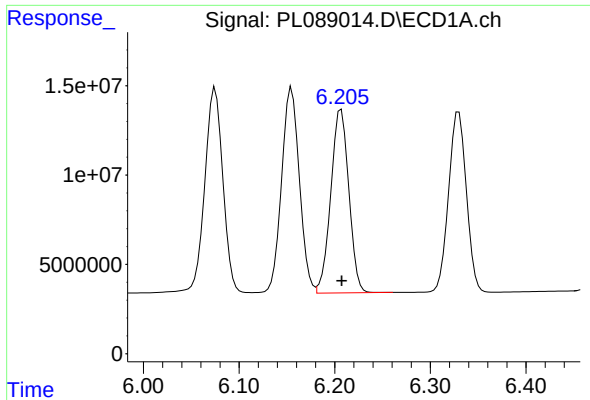
#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 150575419
Conc: 43.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.846 min
Delta R.T.: -0.003 min
Response: 82254065
Conc: 50.02 ng/ml



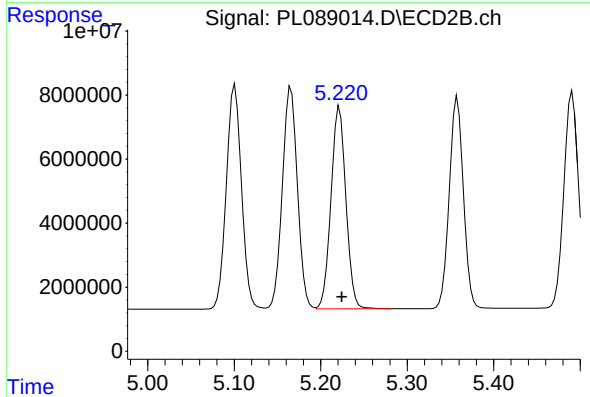
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 134358681
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

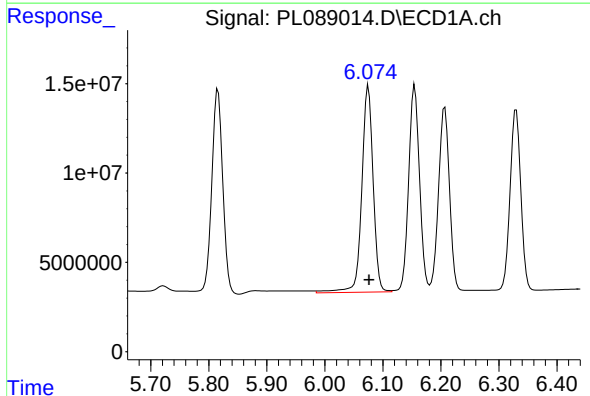
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



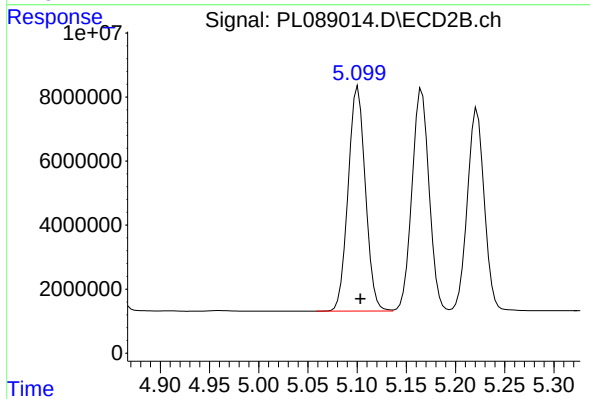
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 75625643
Conc: 50.31 ng/ml



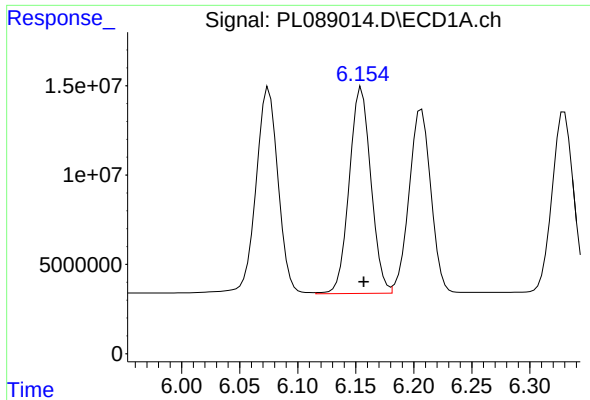
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 157455750
Conc: 47.27 ng/ml



#10 gamma-Chlordane

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 85517362
Conc: 51.63 ng/ml



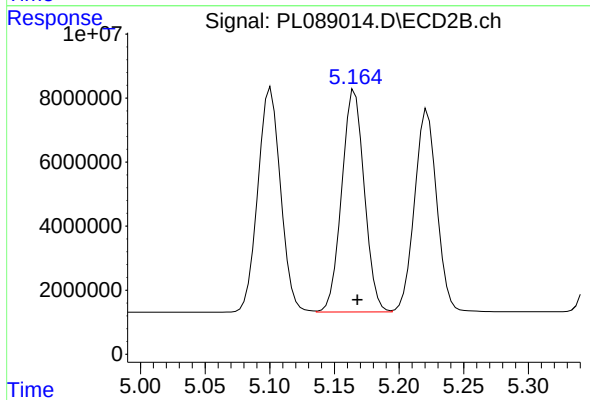
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 149665792
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

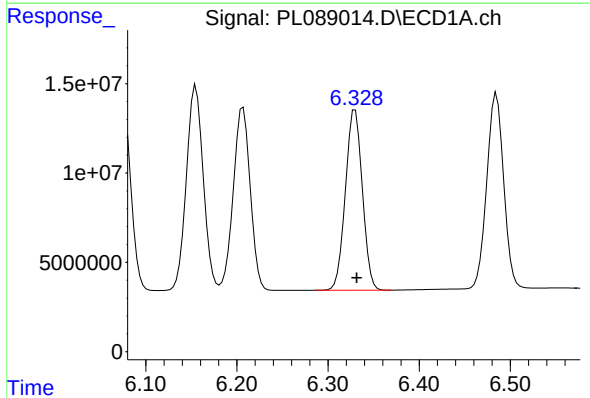
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



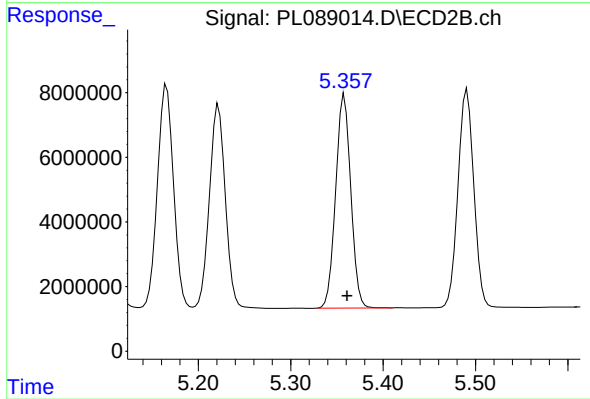
#11 alpha-Chlordane

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 84120858
Conc: 50.68 ng/ml



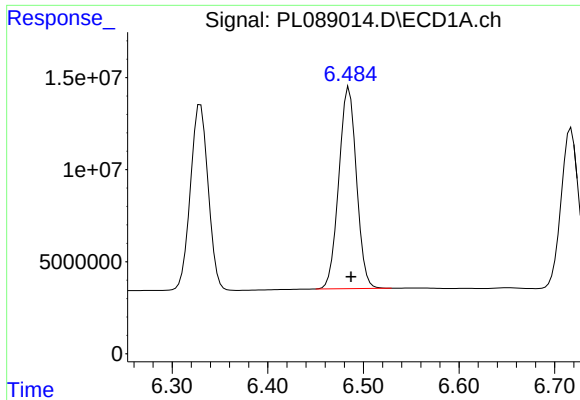
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 130460659
Conc: 43.67 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 75192068
Conc: 51.55 ng/ml



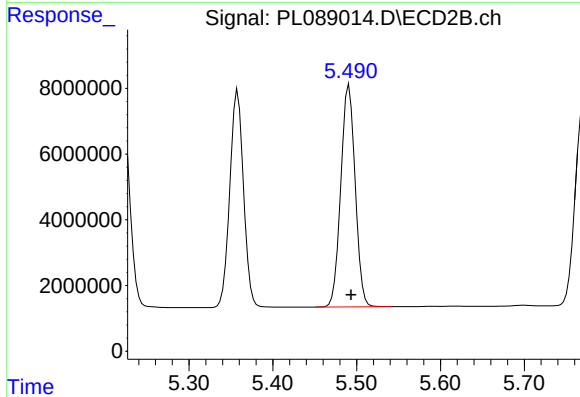
#13 Dieldrin

R.T.: 6.485 min
Delta R.T.: -0.002 min
Response: 140635314
Conc: 43.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

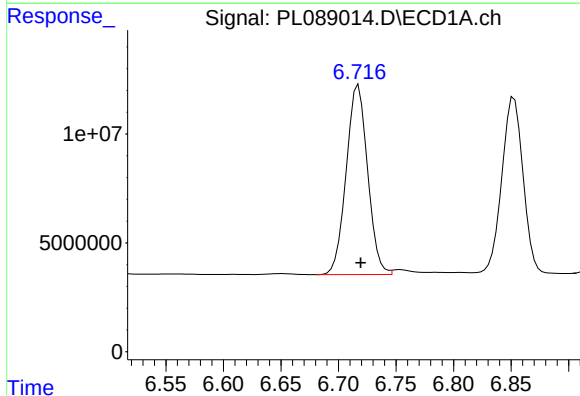
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



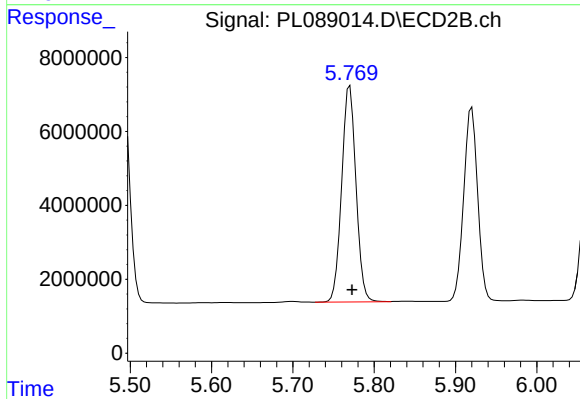
#13 Dieldrin

R.T.: 5.491 min
Delta R.T.: -0.002 min
Response: 80495611
Conc: 49.56 ng/ml



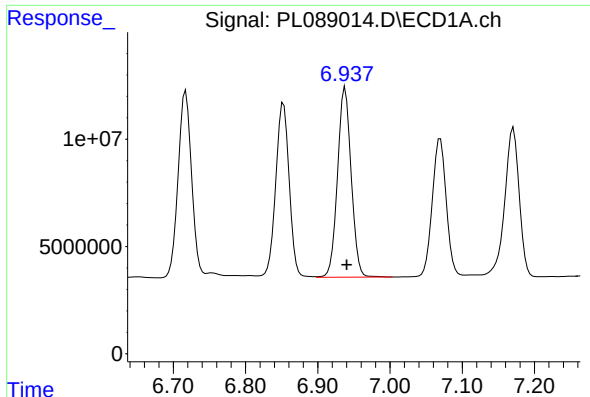
#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 113283372
Conc: 41.44 ng/ml



#14 Endrin

R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 71420797
Conc: 49.55 ng/ml



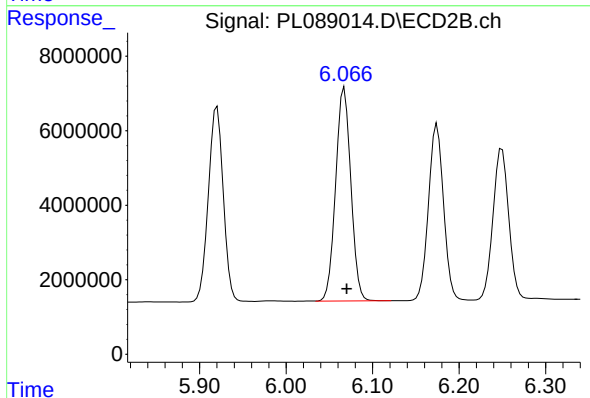
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 116260158
Conc: 40.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

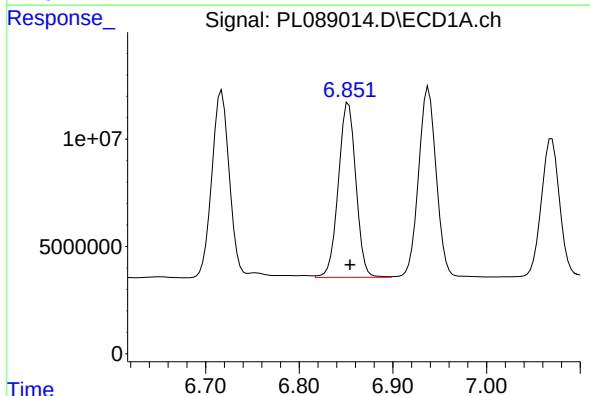
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



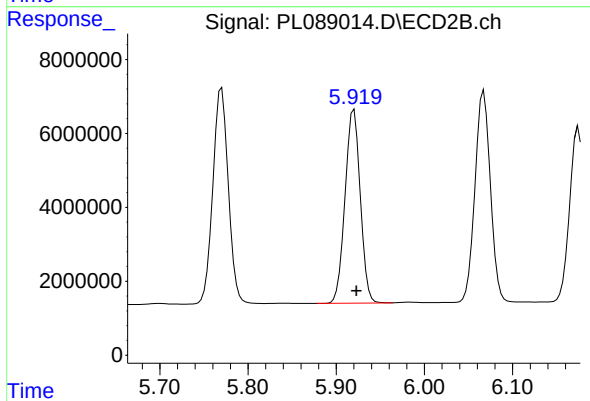
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 69627872
Conc: 48.42 ng/ml



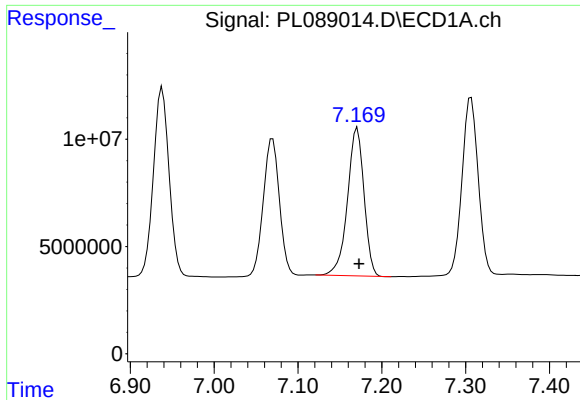
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 106229237
Conc: 41.71 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 62919869
Conc: 50.52 ng/ml



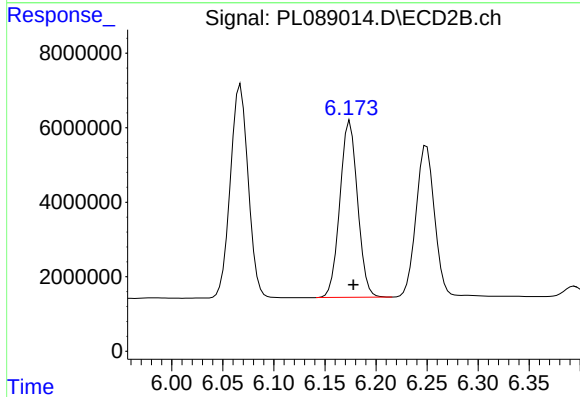
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 94639576
Conc: 35.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

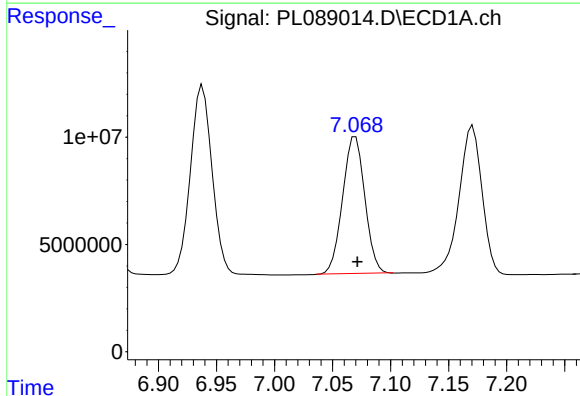
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



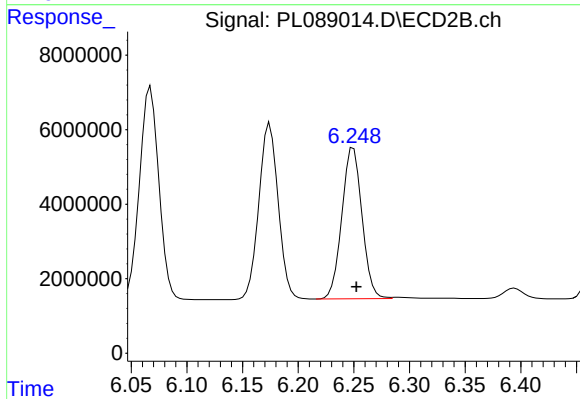
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 57264072
Conc: 42.66 ng/ml



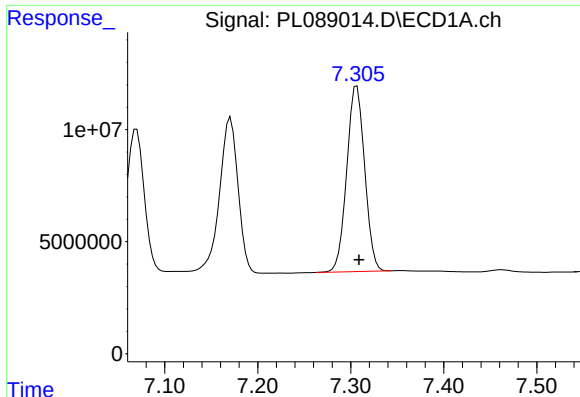
#18 Endrin aldehyde

R.T.: 7.068 min
Delta R.T.: -0.003 min
Response: 84858625
Conc: 40.64 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 51109280
Conc: 48.77 ng/ml



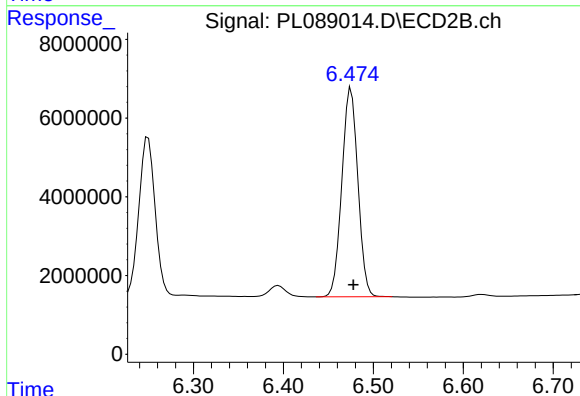
#19 Endosulfan Sulfate

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 110951875
Conc: 40.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

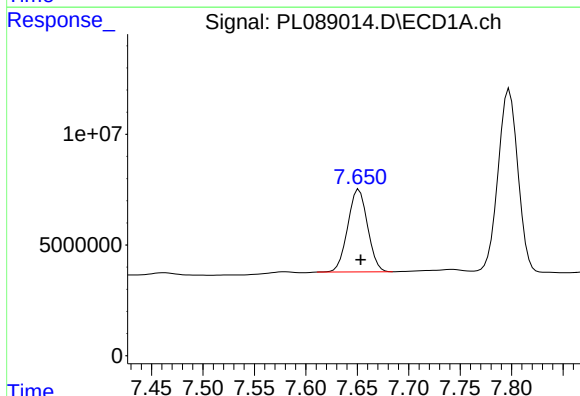
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



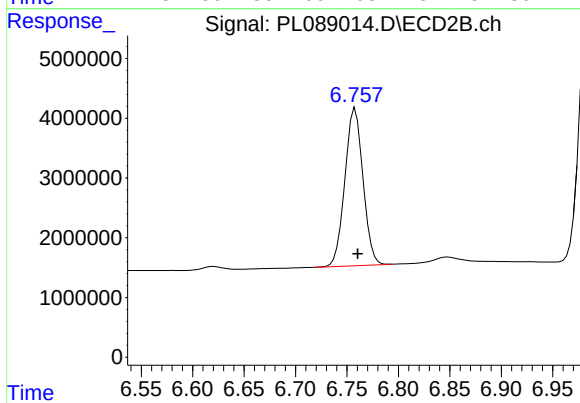
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 65657879
Conc: 47.32 ng/ml



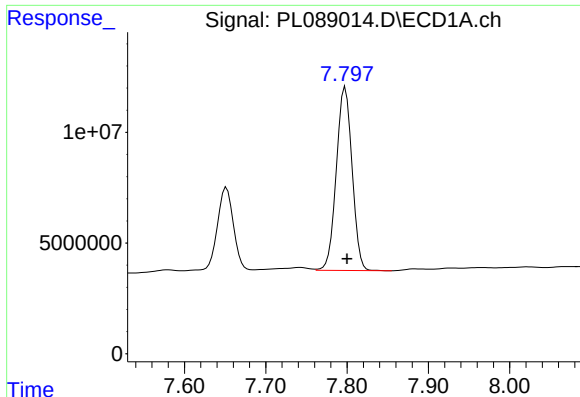
#20 Methoxychlor

R.T.: 7.652 min
Delta R.T.: -0.002 min
Response: 50109114
Conc: 33.26 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 32281464
Conc: 40.25 ng/ml



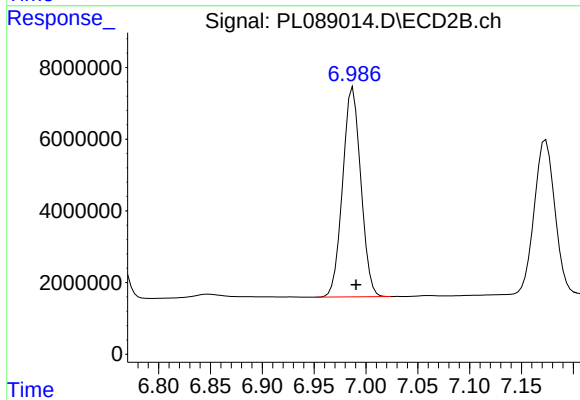
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 111567448
Conc: 37.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

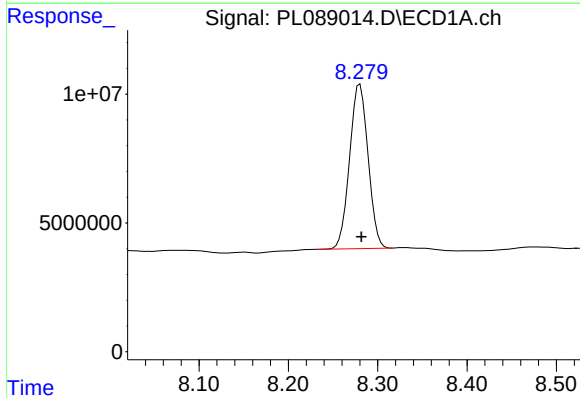
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



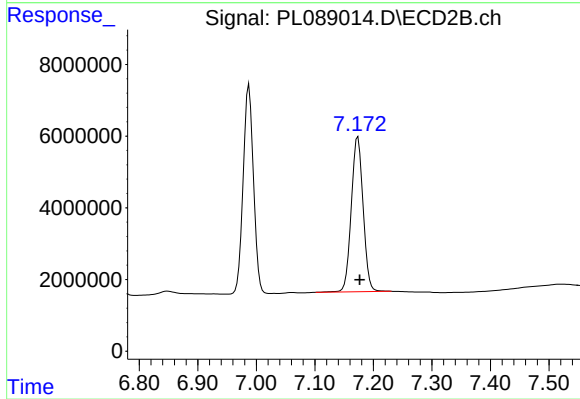
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.003 min
Response: 71282364
Conc: 43.18 ng/ml



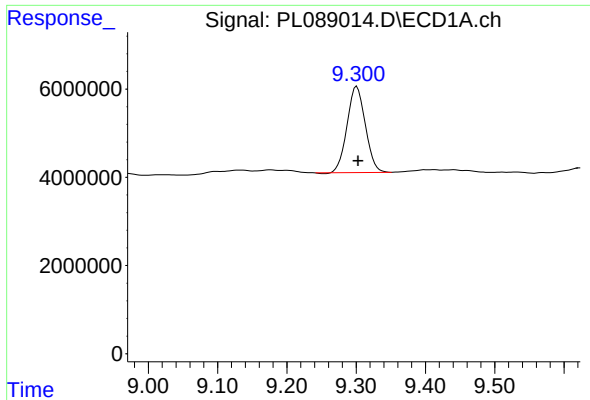
#22 Mirex

R.T.: 8.280 min
Delta R.T.: -0.001 min
Response: 91818297
Conc: 39.16 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.003 min
Response: 60632838
Conc: 44.97 ng/ml



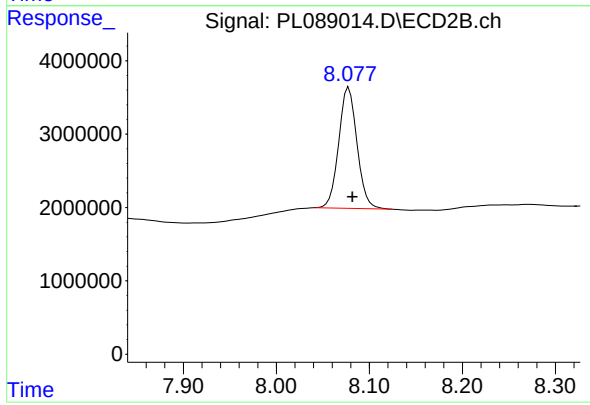
#28 Decachlorobiphenyl

R.T.: 9.301 min
Delta R.T.: -0.002 min
Response: 35685764
Conc: 14.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160152BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2024
Supervised By :Ankita Jodhani 04/11/2024



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 22547152
Conc: 16.63 ng/ml