

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060923\
 Data File : PL083361.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2023 17:49
 Operator : AR\AJ
 Sample : PB153315BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153315BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/12/2023
 Supervised By : Ankita Jodhani 06/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 21:33:44 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...	3.317	2.631	71323915	61582668	24.268	23.721
28)	SA Decachlor...	8.734	7.736	59100778	69976150	28.179	28.142
Target Compounds							
2)	A alpha-BHC	3.766	3.126	194.8E6	161.3E6	43.872	43.219
3)	MA gamma-BHC...	4.094	3.453	190.0E6	146.8E6	45.862	44.041
4)	MA Heptachlor	4.672	3.783	183.3E6	164.6E6	47.960	44.966
5)	MB Aldrin	5.008	4.059	171.5E6	148.5E6	48.758	45.630
6)	B beta-BHC	4.299	3.754	81049462	60480911	43.049	42.292
7)	B delta-BHC	4.540	3.978	157.8E6	128.6E6	45.881	39.253
8)	B Heptachlo...	5.435	4.559	153.5E6	138.2E6	48.000	46.566m
9)	A Endosulfan I	5.815	4.928	147.2E6	129.3E6	49.046	46.275
10)	B gamma-Chl...	5.689	4.809	159.4E6	137.8E6	50.168	45.884
11)	B alpha-Chl...	5.767	4.871	156.9E6	138.1E6	48.883	45.998
12)	B 4,4'-DDE	5.946	5.062	138.4E6	111.7E6	50.213	46.010
13)	MA Dieldrin	6.090	5.190	150.8E6	132.8E6	50.133	47.026m
14)	MA Endrin	6.317	5.464	131.4E6	118.1E6	48.894	46.549m
15)	B Endosulfa...	6.540	5.763	125.5E6	111.7E6	47.235	45.144
16)	A 4,4'-DDD	6.462	5.618	112.6E6	91551048	51.805	47.603
17)	MA 4,4'-DDT	6.773	5.864	122.7E6	101.7E6	49.002	45.573m
18)	B Endrin al...	6.670	5.943	102.0E6	92027836	50.754	46.538
19)	B Endosulfa...	6.905	6.166	125.3E6	112.7E6	48.882	46.034
20)	A Methoxychlor	7.255	6.445	65480060	58158002	49.517	45.731
21)	B Endrin ke...	7.385	6.670	132.8E6	128.7E6	52.048	47.607
22)	Mirex	7.847	6.841	103.2E6	109.8E6	49.229	46.916

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

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Data File : PL083361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2023 17:49
Operator : AR\AJ
Sample : PB153315BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB153315BS

Manual Integrations

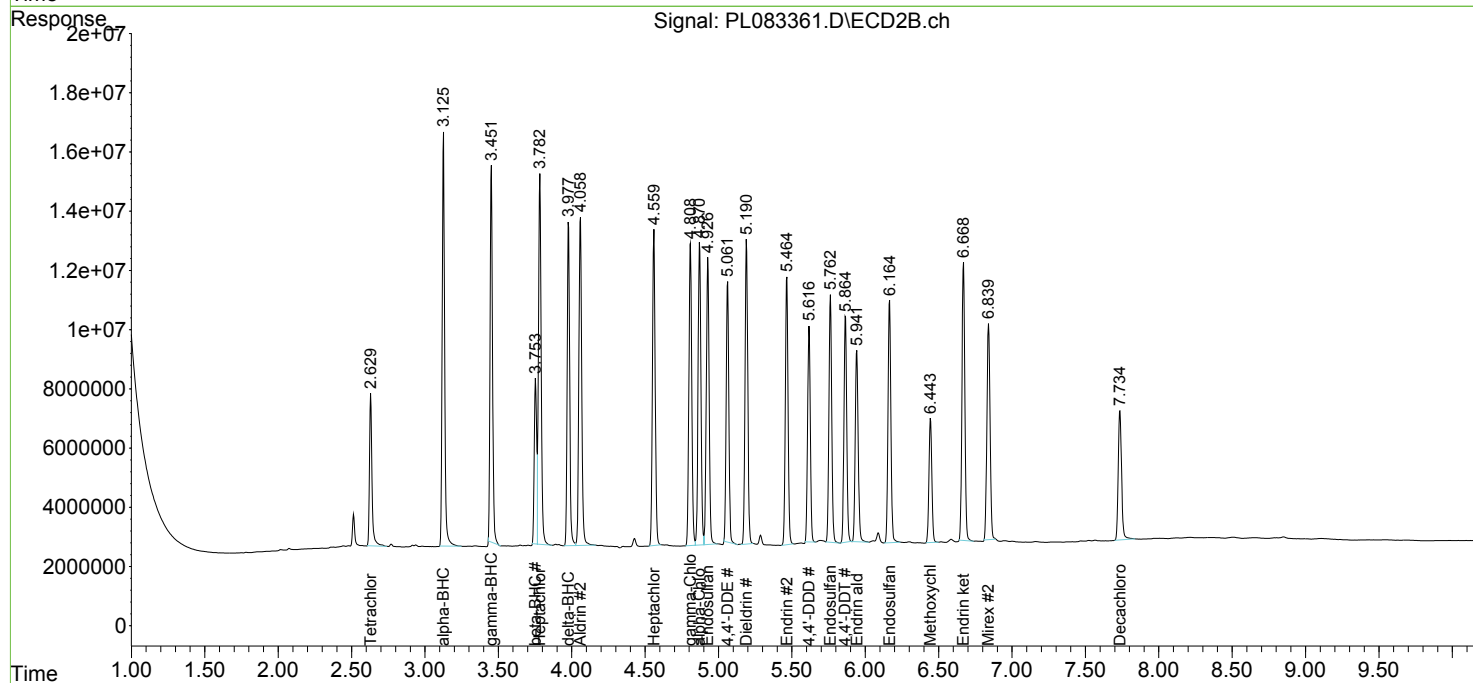
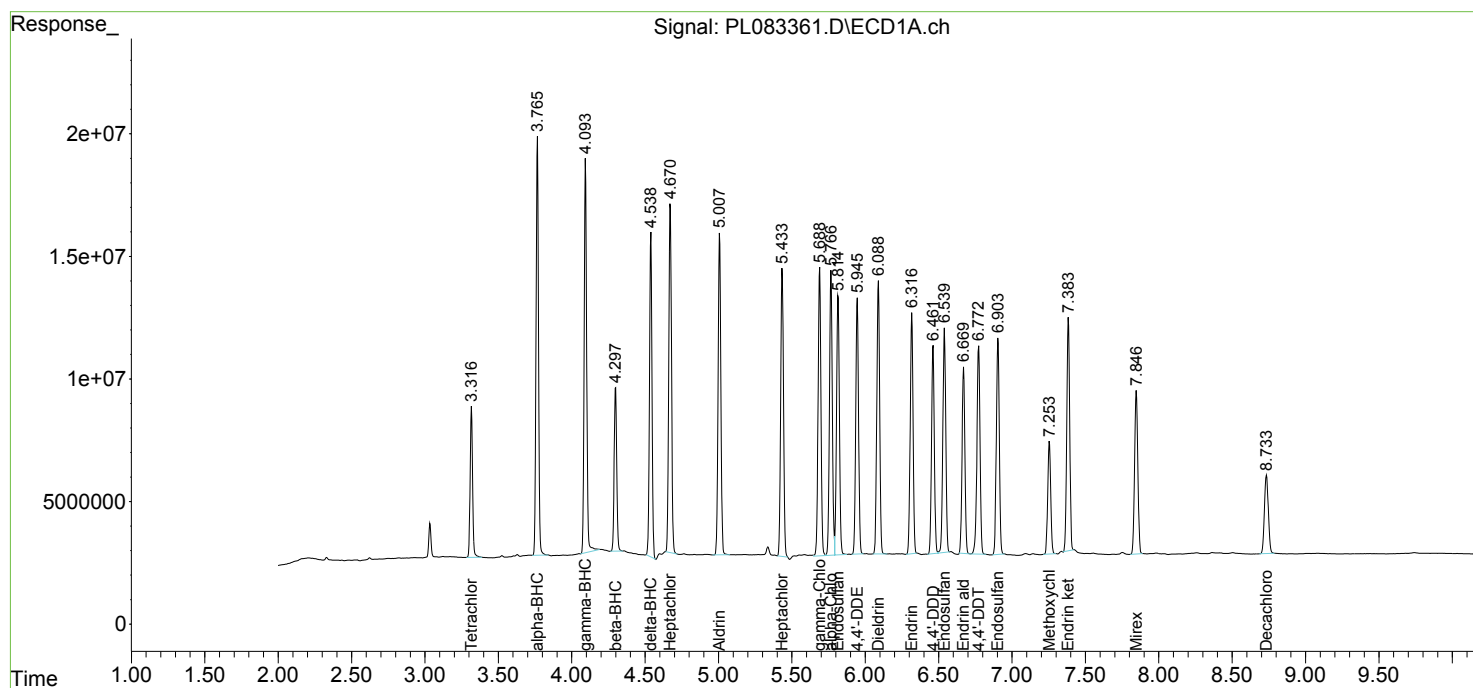
APPROVED

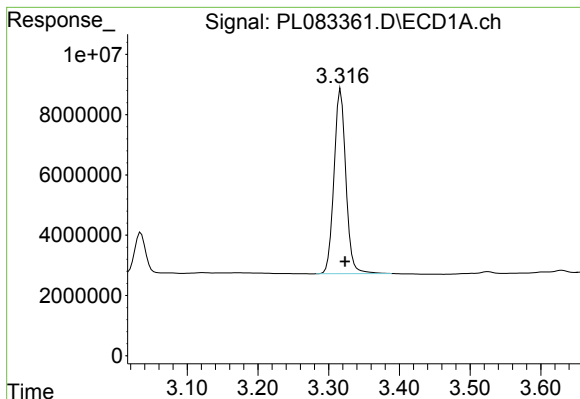
Reviewed By :Abdul Mirza 06/12/2023

Supervised By :Ankita Jodhani 06/12/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 21:33:44 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





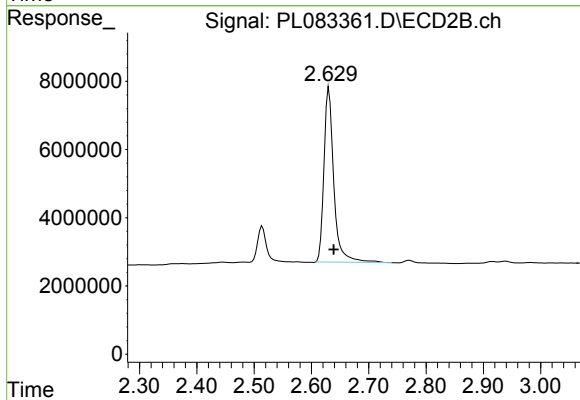
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 71323915
Conc: 24.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153315BS

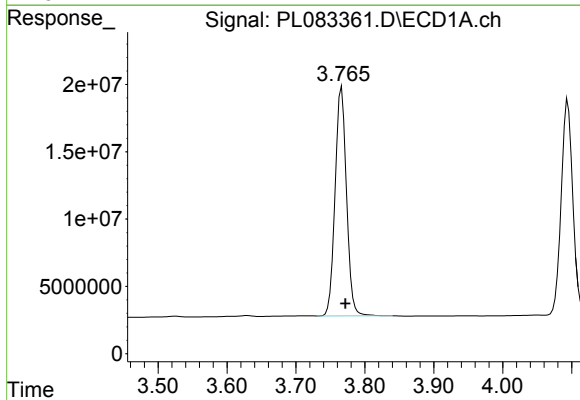
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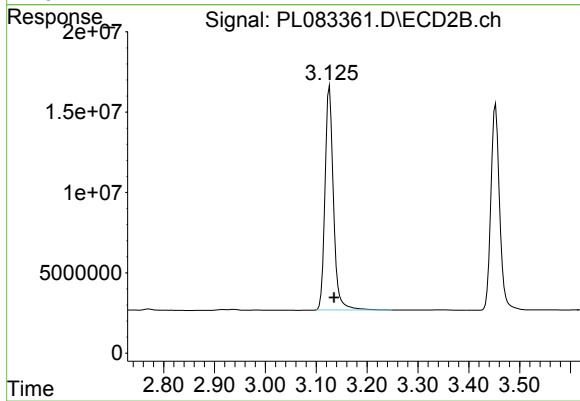
#1 Tetrachloro-m-xylene

R.T.: 2.631 min
Delta R.T.: -0.008 min
Response: 61582668
Conc: 23.72 ng/ml



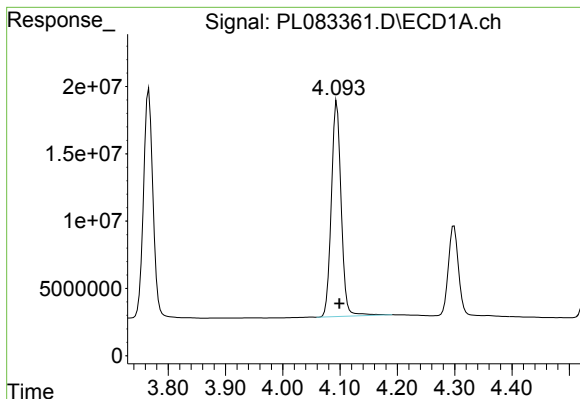
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 194759281
Conc: 43.87 ng/ml



#2 alpha-BHC

R.T.: 3.126 min
Delta R.T.: -0.009 min
Response: 161269948
Conc: 43.22 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 19000739
Conc: 45.86 ng/ml

Instrument :

ECD_L

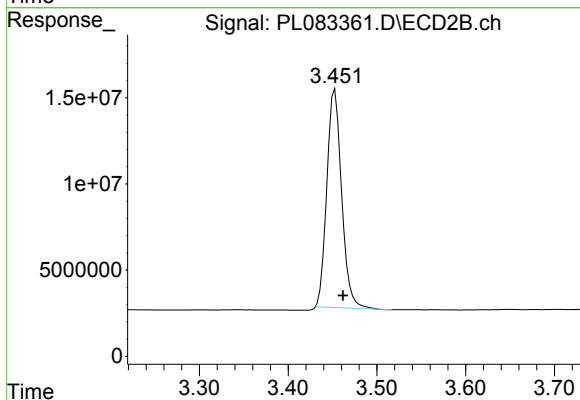
ClientSampleId :

PB153315BS

Manual Integrations

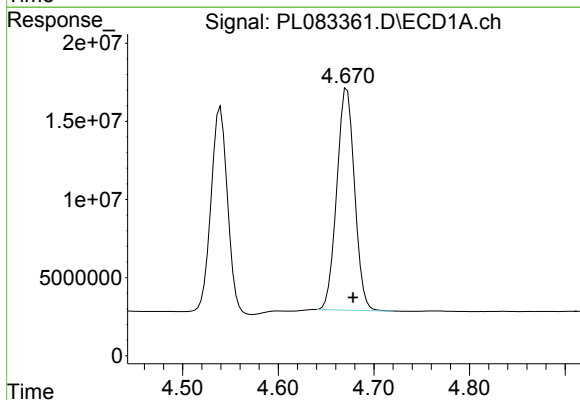
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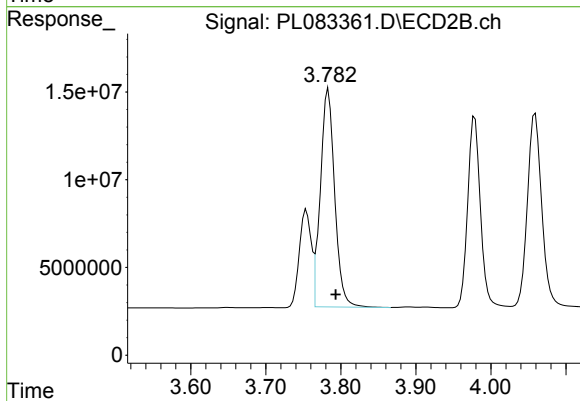
#3 gamma-BHC (Lindane)

R.T.: 3.453 min
Delta R.T.: -0.009 min
Response: 146803261
Conc: 44.04 ng/ml



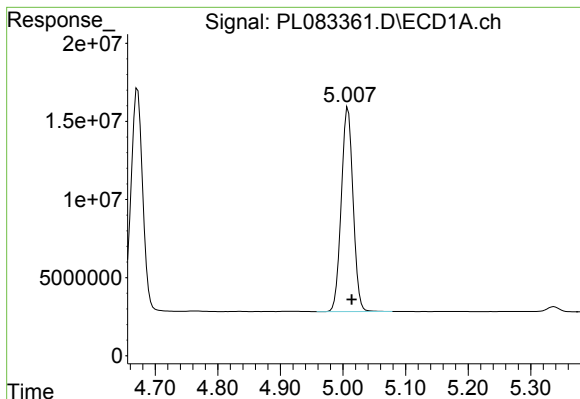
#4 Heptachlor

R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 183327192
Conc: 47.96 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.010 min
Response: 164623228
Conc: 44.97 ng/ml



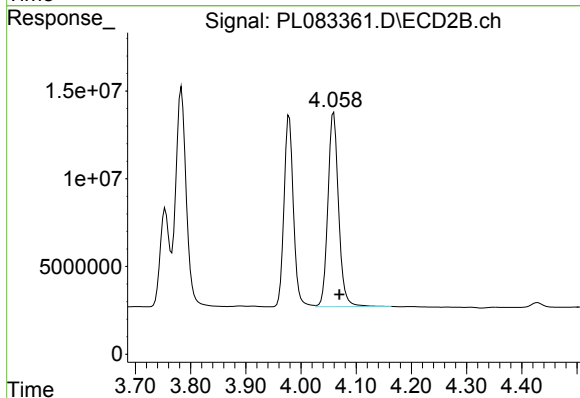
#5 Aldrin

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 171538262
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153315BS

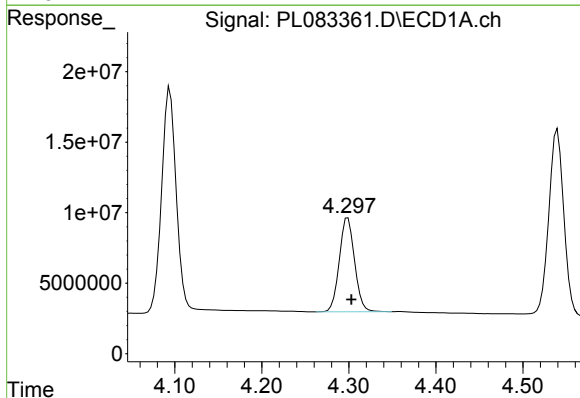
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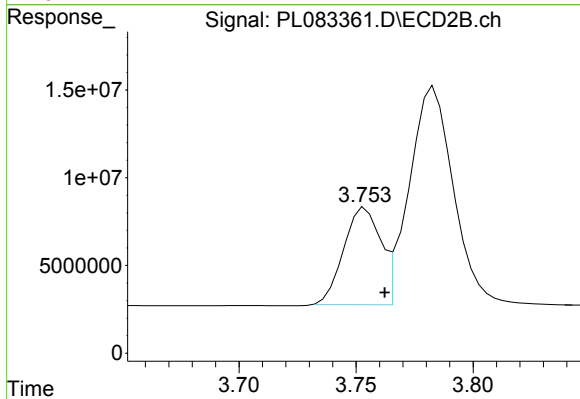
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.010 min
Response: 148463612
Conc: 45.63 ng/ml



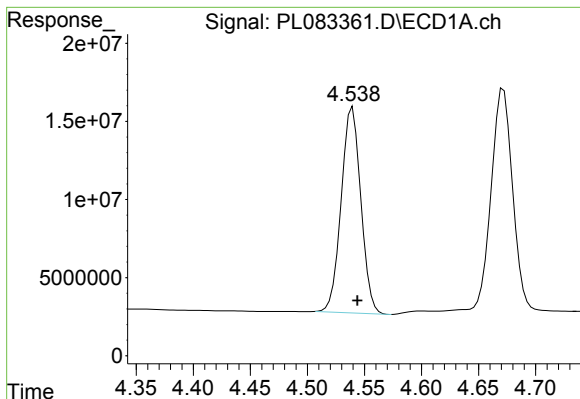
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 81049462
Conc: 43.05 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: -0.008 min
Response: 60480911
Conc: 42.29 ng/ml



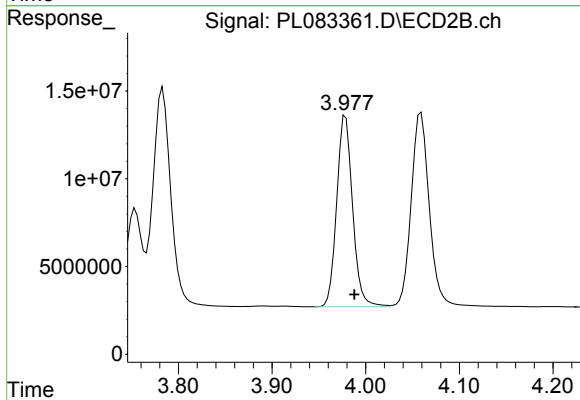
#7 delta-BHC

R.T.: 4.540 min
Delta R.T.: -0.004 min
Response: 157780338
Conc: 45.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153315BS

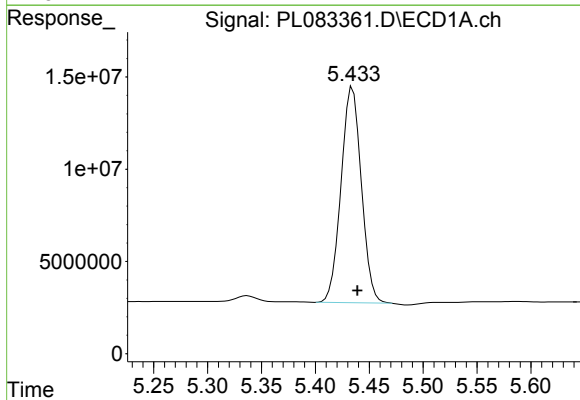
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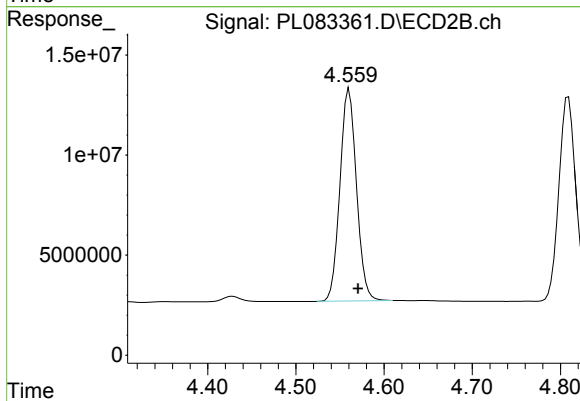
#7 delta-BHC

R.T.: 3.978 min
Delta R.T.: -0.009 min
Response: 128610015
Conc: 39.25 ng/ml



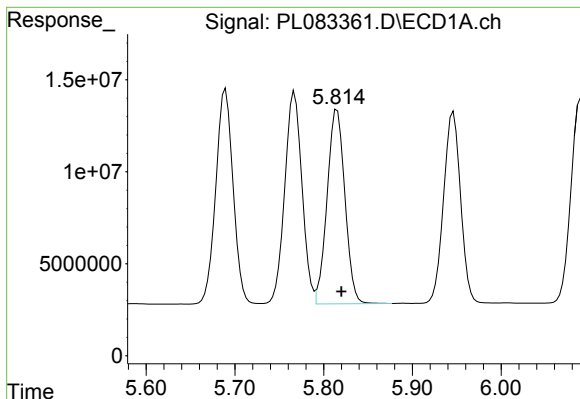
#8 Heptachlor epoxide

R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 153538848
Conc: 48.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.559 min
Delta R.T.: -0.011 min
Response: 138203060
Conc: 46.57 ng/ml m



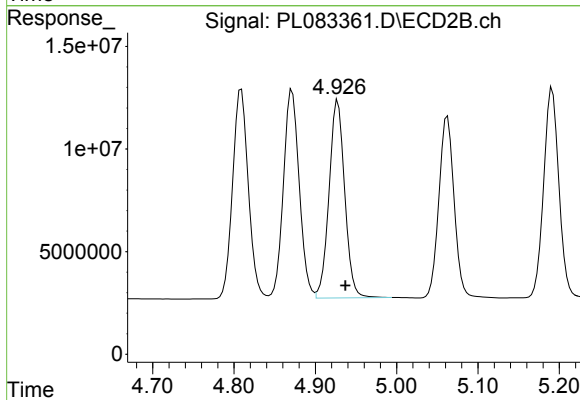
#9 Endosulfan I

R.T.: 5.815 min
Delta R.T.: -0.005 min
Response: 147165963
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153315BS

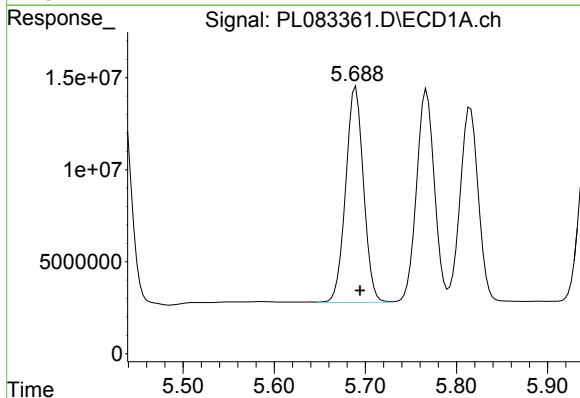
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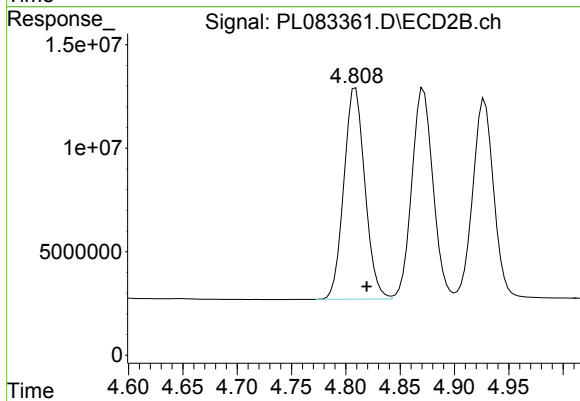
#9 Endosulfan I

R.T.: 4.928 min
Delta R.T.: -0.010 min
Response: 129308583
Conc: 46.27 ng/ml



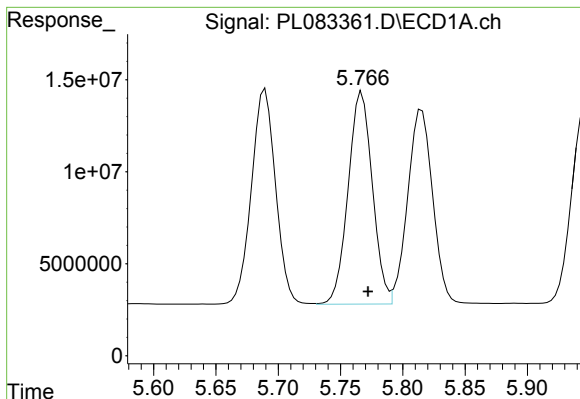
#10 gamma-Chlordane

R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 159381141
Conc: 50.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.809 min
Delta R.T.: -0.010 min
Response: 137808568
Conc: 45.88 ng/ml



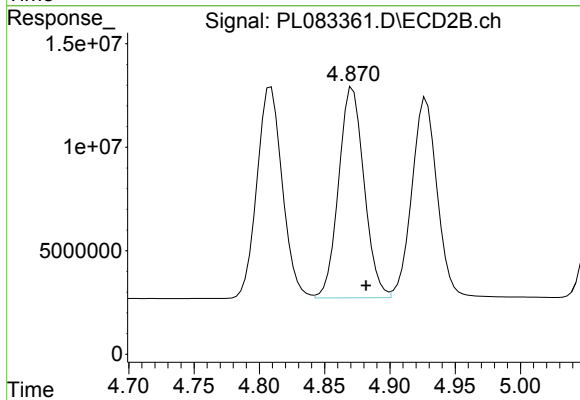
#11 alpha-Chlordane

R.T.: 5.767 min
Delta R.T.: -0.005 min
Response: 156881107
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153315BS

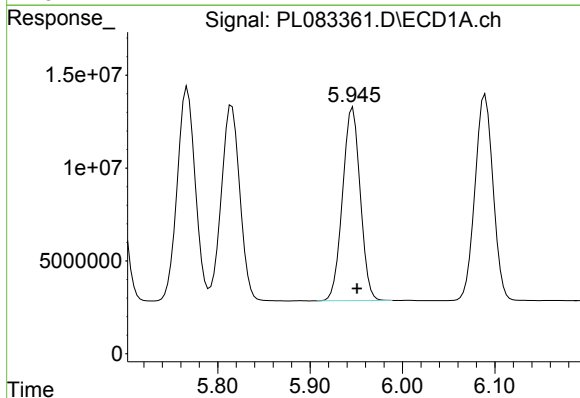
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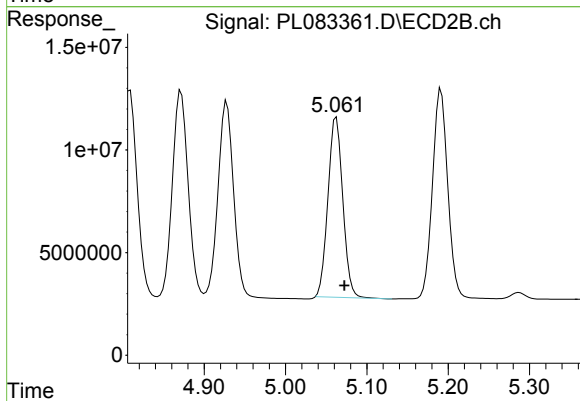
#11 alpha-Chlordane

R.T.: 4.871 min
Delta R.T.: -0.010 min
Response: 138085901
Conc: 46.00 ng/ml



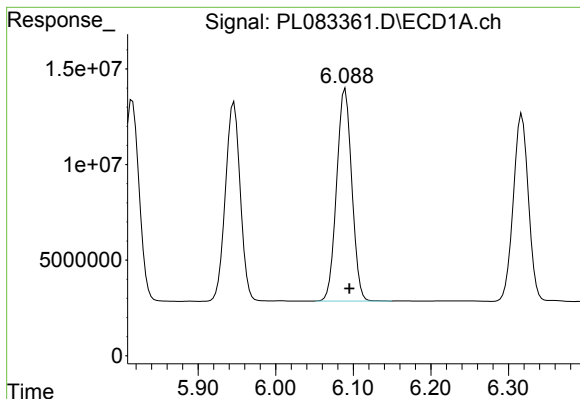
#12 4,4'-DDE

R.T.: 5.946 min
Delta R.T.: -0.005 min
Response: 138411891
Conc: 50.21 ng/ml



#12 4,4'-DDE

R.T.: 5.062 min
Delta R.T.: -0.010 min
Response: 111748028
Conc: 46.01 ng/ml



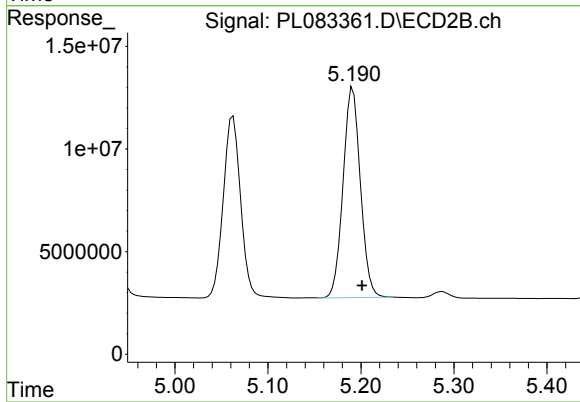
#13 Dieldrin

R.T.: 6.090 min
Delta R.T.: -0.005 min
Response: 150793116
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153315BS

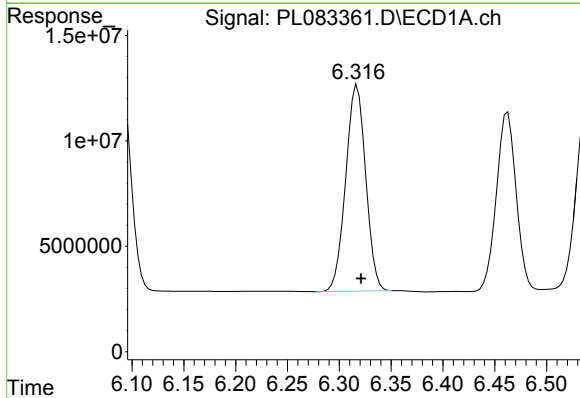
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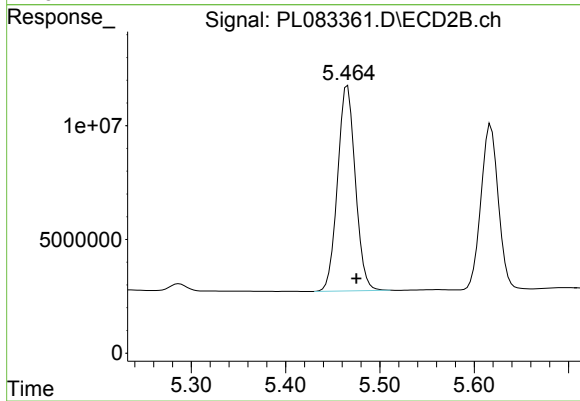
#13 Dieldrin

R.T.: 5.190 min
Delta R.T.: -0.011 min
Response: 132750278
Conc: 47.03 ng/ml m



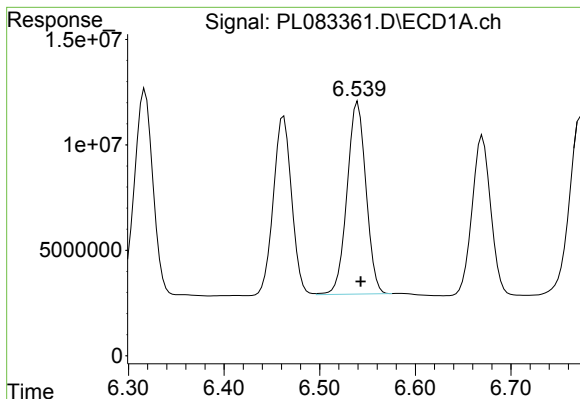
#14 Endrin

R.T.: 6.317 min
Delta R.T.: -0.004 min
Response: 131391571
Conc: 48.89 ng/ml



#14 Endrin

R.T.: 5.464 min
Delta R.T.: -0.011 min
Response: 118092019
Conc: 46.55 ng/ml m



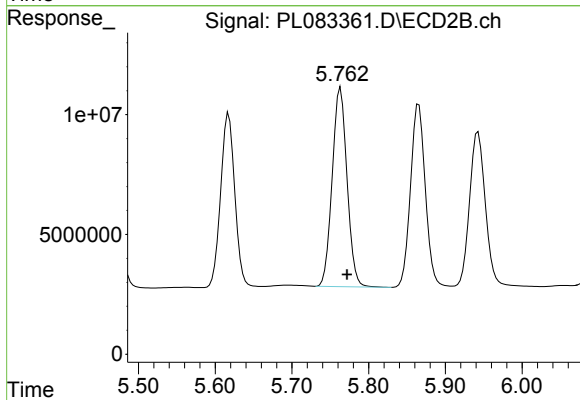
#15 Endosulfan II

R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 125531601
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153315BS

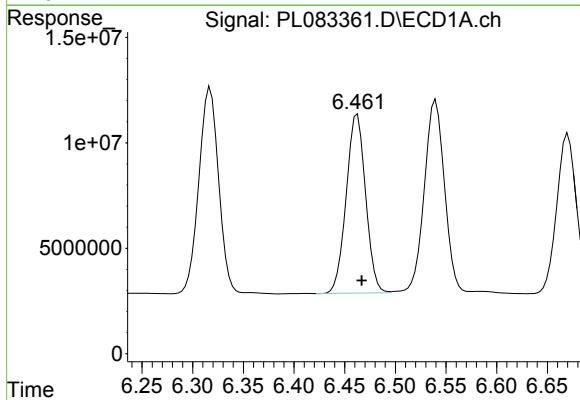
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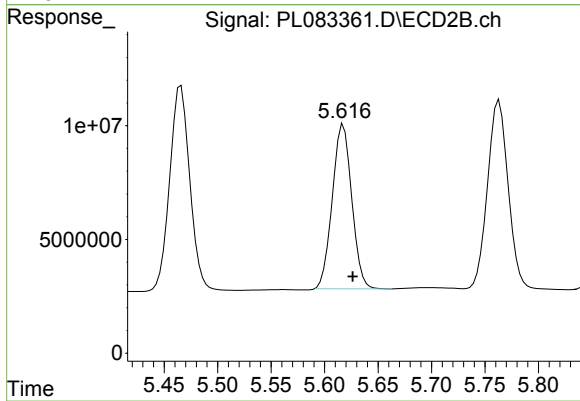
#15 Endosulfan II

R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 111695210
Conc: 45.14 ng/ml



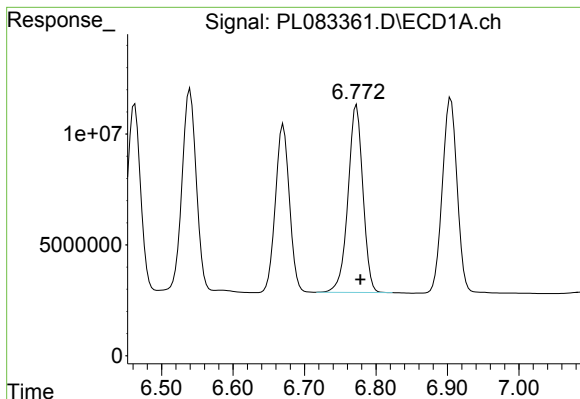
#16 4,4'-DDD

R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 112574469
Conc: 51.80 ng/ml



#16 4,4'-DDD

R.T.: 5.618 min
Delta R.T.: -0.009 min
Response: 91551048
Conc: 47.60 ng/ml



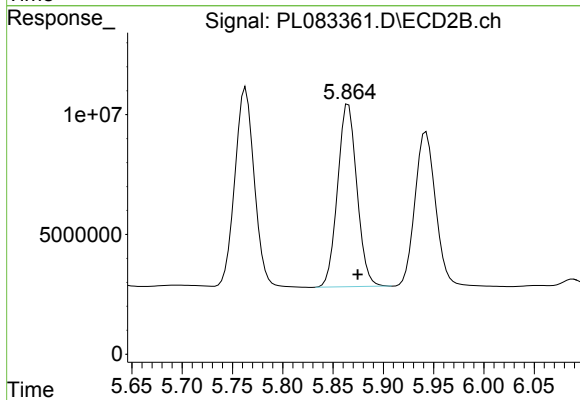
#17 4,4'-DDT

R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 122660046
Conc: 49.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153315BS

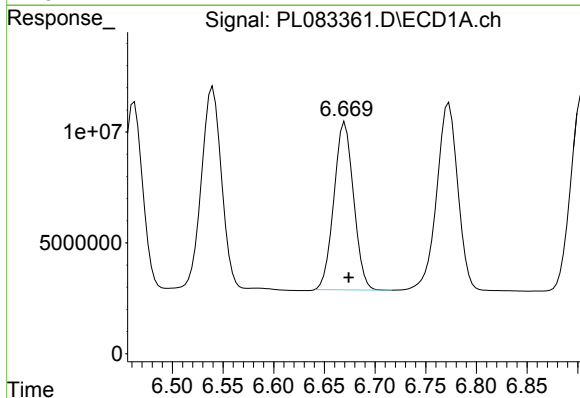
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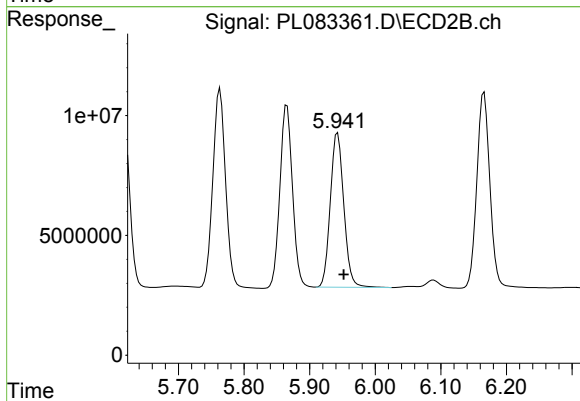
#17 4,4'-DDT

R.T.: 5.864 min
Delta R.T.: -0.011 min
Response: 101674502
Conc: 45.57 ng/ml m



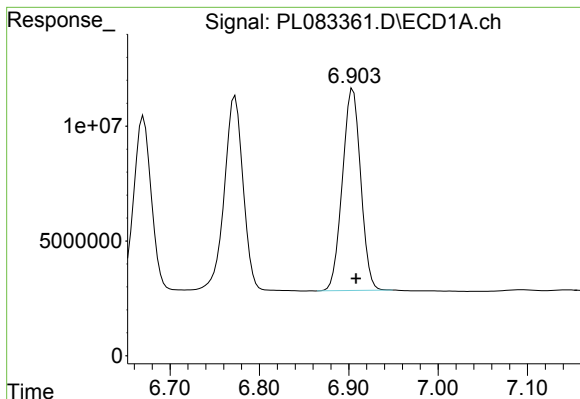
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 102048009
Conc: 50.75 ng/ml



#18 Endrin aldehyde

R.T.: 5.943 min
Delta R.T.: -0.009 min
Response: 92027836
Conc: 46.54 ng/ml



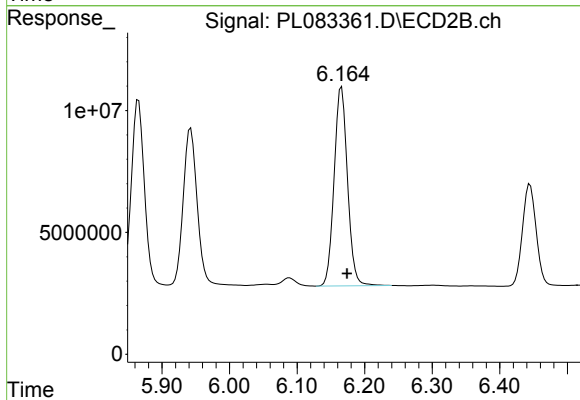
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 125318463
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153315BS

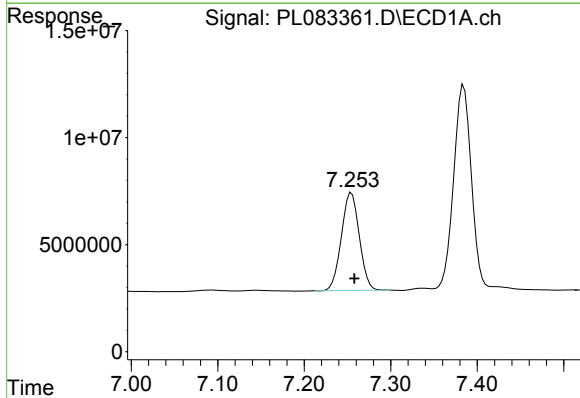
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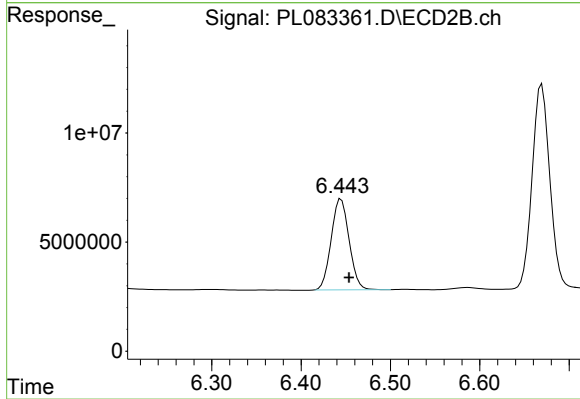
#19 Endosulfan Sulfate

R.T.: 6.166 min
Delta R.T.: -0.008 min
Response: 112735780
Conc: 46.03 ng/ml



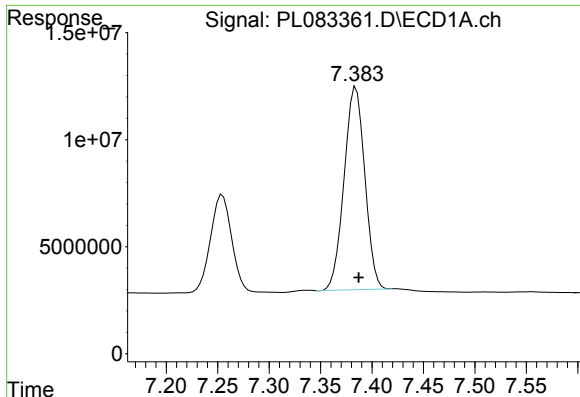
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 65480060
Conc: 49.52 ng/ml



#20 Methoxychlor

R.T.: 6.445 min
Delta R.T.: -0.009 min
Response: 58158002
Conc: 45.73 ng/ml



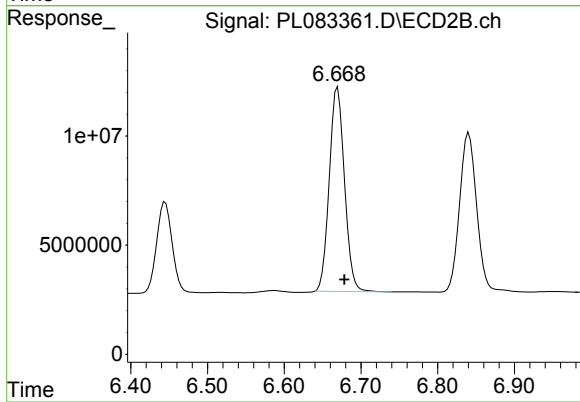
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 132763100
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153315BS

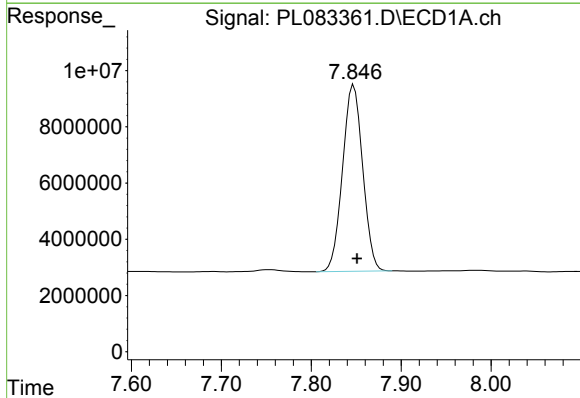
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2023
Supervised By :Ankita Jodhani 06/12/2023



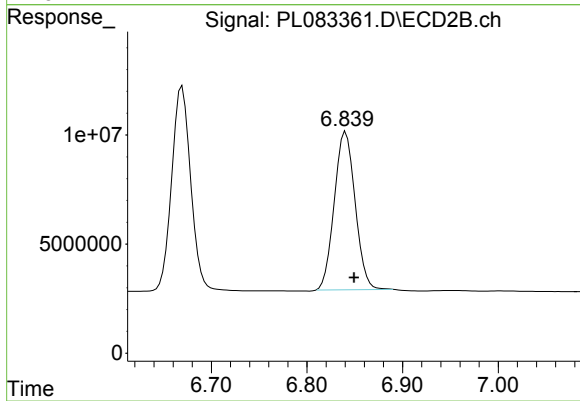
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.009 min
Response: 128722111
Conc: 47.61 ng/ml



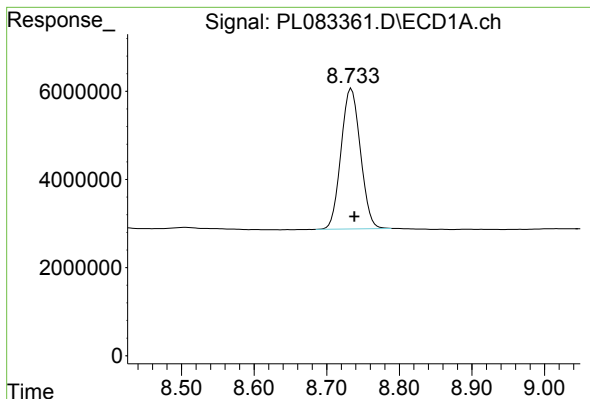
#22 Mirex

R.T.: 7.847 min
Delta R.T.: -0.004 min
Response: 103186313
Conc: 49.23 ng/ml



#22 Mirex

R.T.: 6.841 min
Delta R.T.: -0.009 min
Response: 109774772
Conc: 46.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: -0.004 min
Response: 59100778
Conc: 28.18 ng/ml

Instrument :

ECD_L

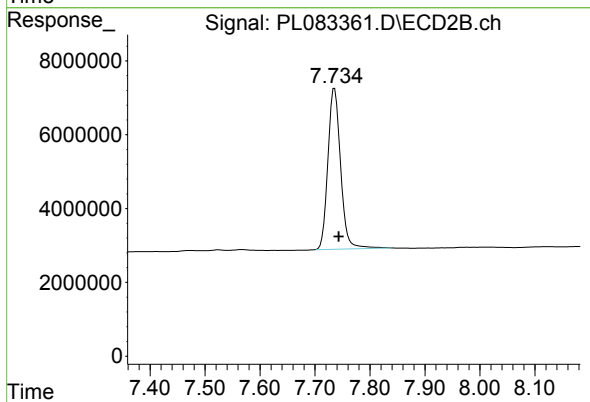
ClientSampleId :

PB153315BS

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#28 Decachlorobiphenyl

R.T.: 7.736 min
Delta R.T.: -0.008 min
Response: 69976150
Conc: 28.14 ng/ml