

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120922\
 Data File : PL079650.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2022 12:54
 Operator : AR\AJ
 Sample : PB149514BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB149514BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/12/2022
 Supervised By :Ankita Jodhani 12/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 23:52:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 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...	3.327	2.565	48563557	58014932	21.497	21.313
28)	SA Decachlor...	8.778	7.636	44211927	49845221	22.765	21.217
Target Compounds							
2)	A alpha-BHC	3.788	3.051	175.4E6	205.9E6	51.006	47.753
3)	MA gamma-BHC...	4.121	3.372	162.2E6	185.5E6	50.056	47.643
4)	MA Heptachlor	4.691	3.699	162.7E6	179.6E6	49.370	46.689
5)	MB Aldrin	5.030	3.971	160.3E6	181.2E6	51.608	48.798
6)	B beta-BHC	4.336	3.673	67442937	68008474	47.766m	44.885
7)	B delta-BHC	4.578	3.893	152.8E6	184.7E6	55.079	48.013
8)	B Heptachlo...	5.463	4.468	145.8E6	159.7E6	51.059	47.313
9)	A Endosulfan I	5.847	4.831	133.4E6	149.3E6	50.169	46.656
10)	B gamma-Chl...	5.720	4.717	147.6E6	160.4E6	51.604	47.408
11)	B alpha-Chl...	5.796	4.778	146.0E6	156.4E6	50.666	46.700
12)	B 4,4'-DDE	5.980	4.973	128.8E6	149.8E6	51.552	48.848
13)	MA Dieldrin	6.126	5.094	142.0E6	164.1E6	51.762	48.666
14)	MA Endrin	6.356	5.365	115.7E6	138.2E6	47.837	45.692
15)	B Endosulfa...	6.586	5.662	117.5E6	138.7E6	52.046	49.582
16)	A 4,4'-DDD	6.505	5.526	110.7E6	128.9E6	55.784	51.537
17)	MA 4,4'-DDT	6.814	5.772	102.4E6	114.0E6	45.151	43.608
18)	B Endrin al...	6.718	5.841	101.5E6	110.7E6	56.030	52.006
19)	B Endosulfa...	6.950	6.063	120.2E6	134.1E6	51.817	47.528
20)	A Methoxychlor	7.299	6.350	55257842	58216890	45.804	42.833
21)	B Endrin ke...	7.436	6.559	133.8E6	154.7E6	54.225	50.240
22)	Mirex	7.894	6.731	98546281	110.2E6	52.028	46.603

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120922\
Data File : PL079650.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2022 12:54
Operator : AR\AJ
Sample : PB149514BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

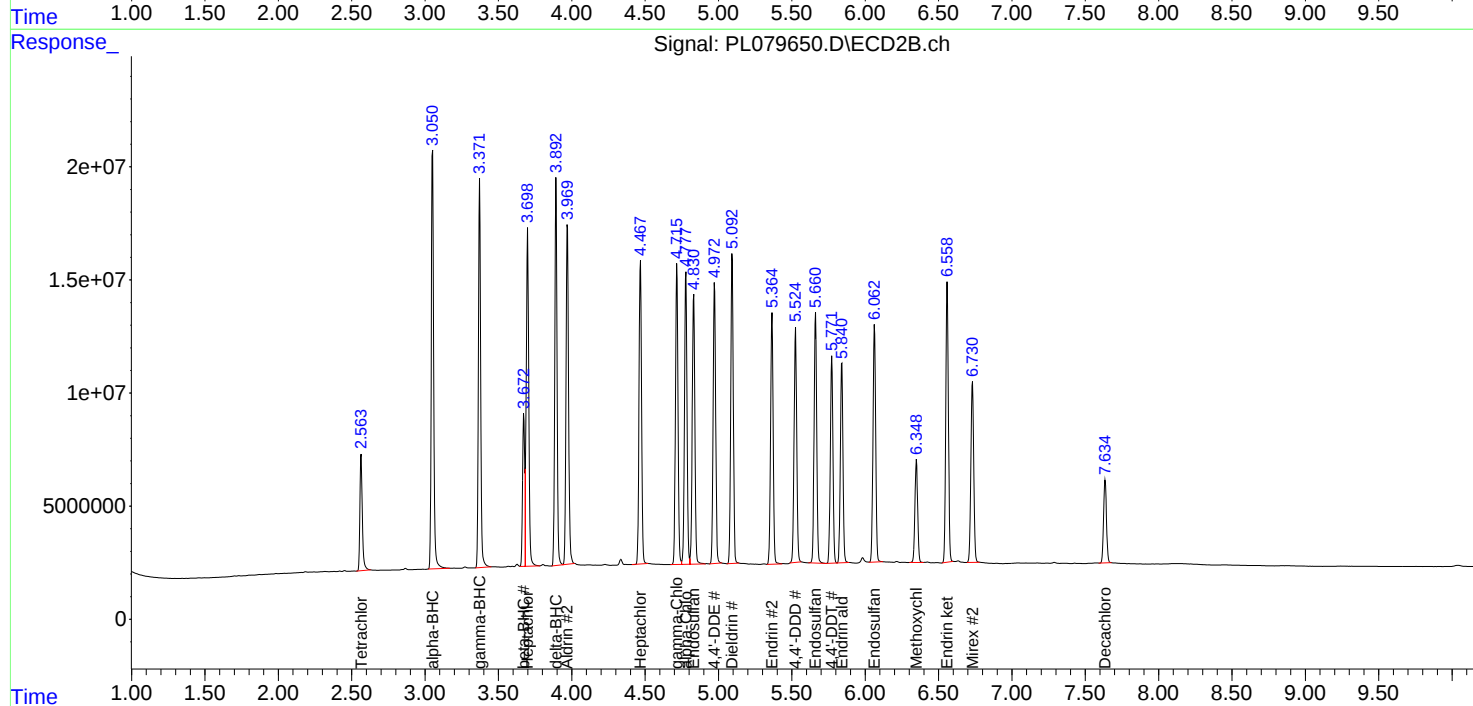
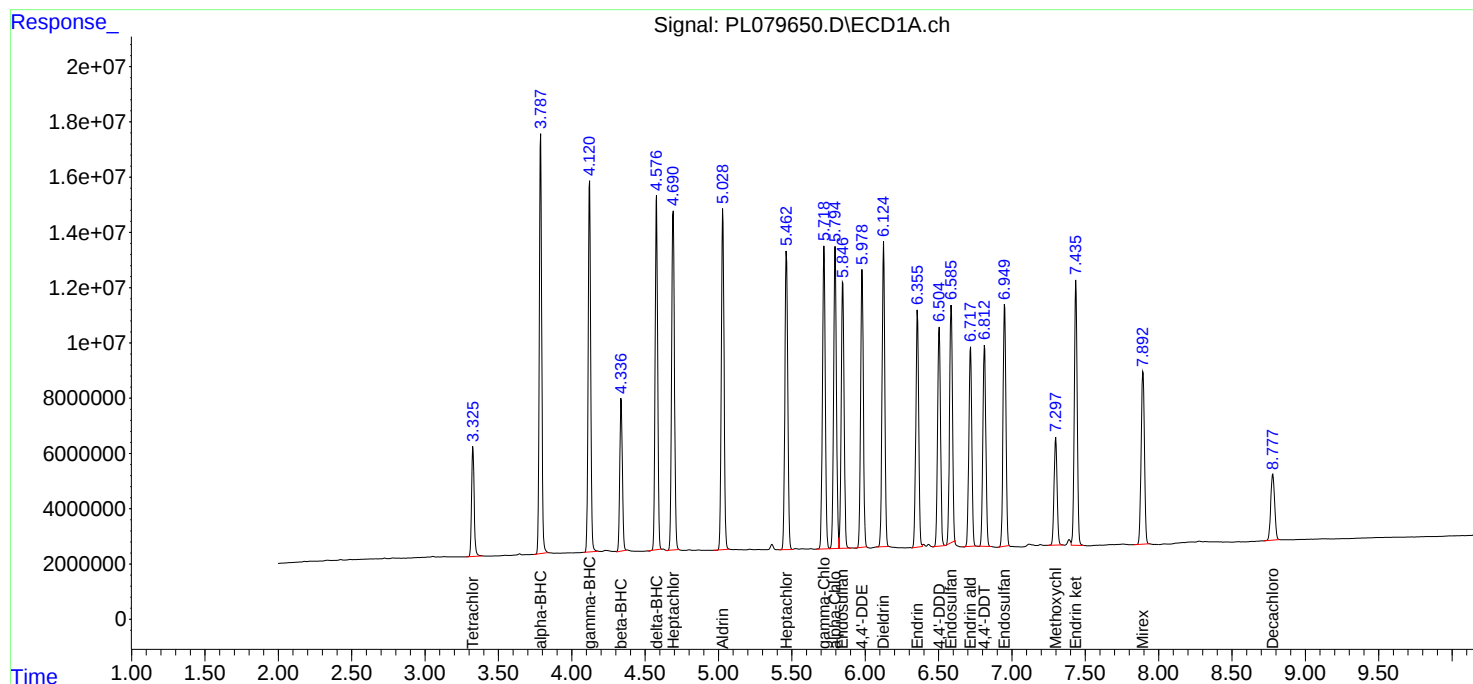
Instrument :
ECD_L
ClientSampleId :
PB149514BS

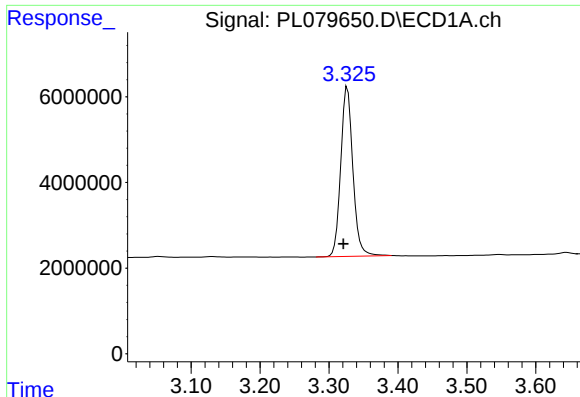
Manual Integrations
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Supervised By : Ankita Jodhani 12/12/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 23:52:28 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
Quant Title : GC Extractables
QLast Update : Thu Nov 24 00:09:49 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





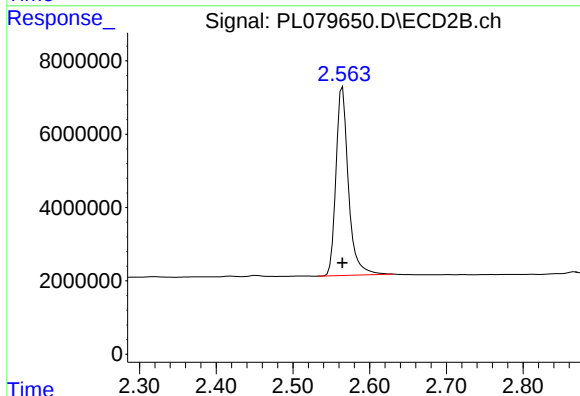
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: 0.006 min
Response: 48563557
Conc: 21.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

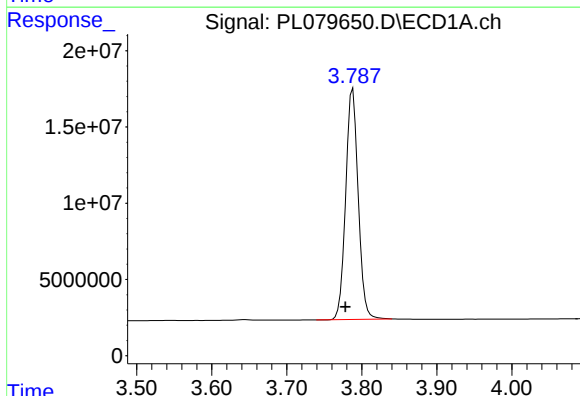
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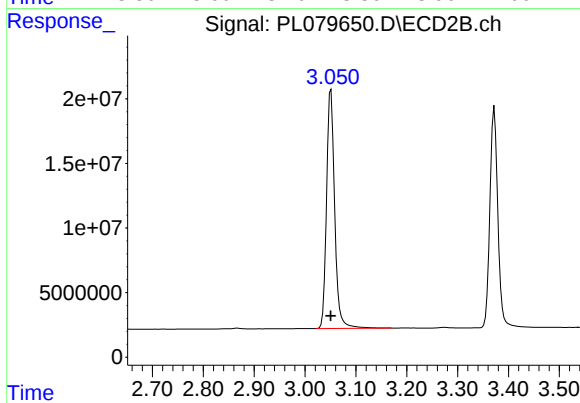
#1 Tetrachloro-m-xylene

R.T.: 2.565 min
Delta R.T.: 0.000 min
Response: 58014932
Conc: 21.31 ng/ml



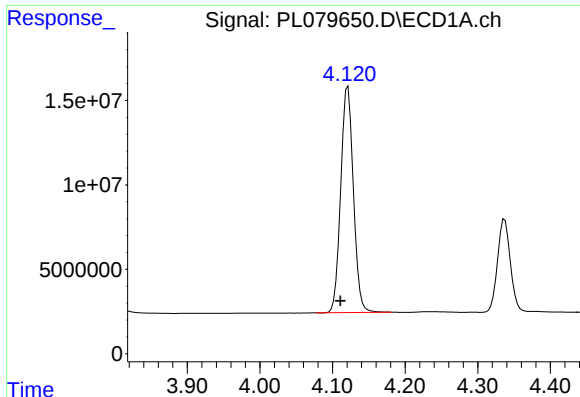
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: 0.010 min
Response: 175397408
Conc: 51.01 ng/ml



#2 alpha-BHC

R.T.: 3.051 min
Delta R.T.: 0.000 min
Response: 205913473
Conc: 47.75 ng/ml



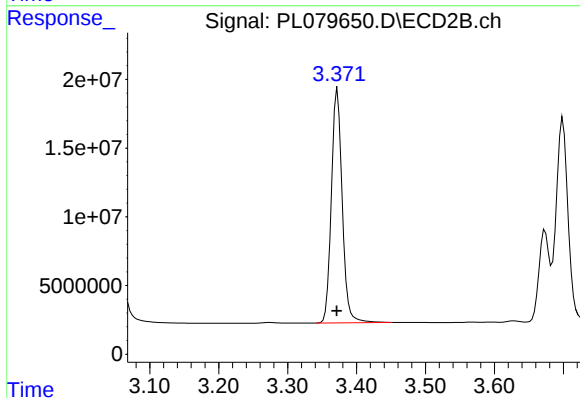
#3 gamma-BHC (Lindane)

R.T.: 4.121 min
Delta R.T.: 0.010 min
Response: 162222136
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

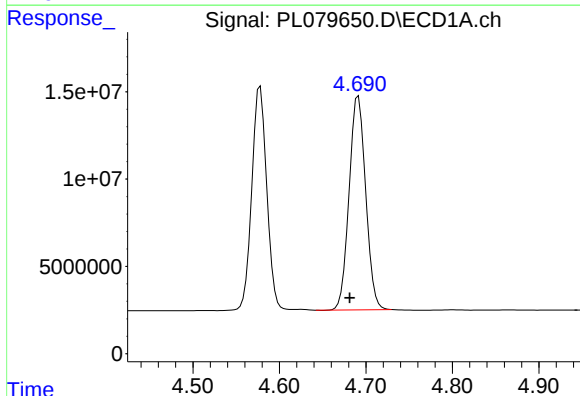
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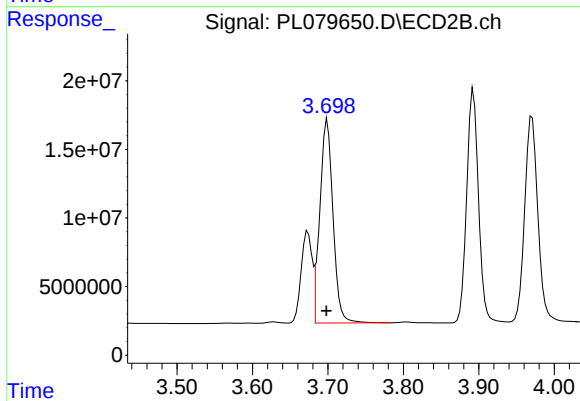
#3 gamma-BHC (Lindane)

R.T.: 3.372 min
Delta R.T.: 0.000 min
Response: 185506403
Conc: 47.64 ng/ml



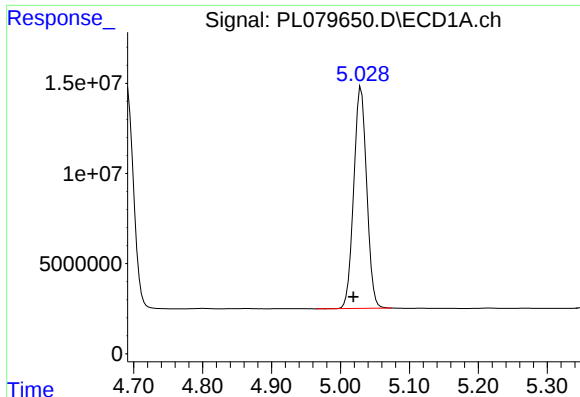
#4 Heptachlor

R.T.: 4.691 min
Delta R.T.: 0.010 min
Response: 162687124
Conc: 49.37 ng/ml



#4 Heptachlor

R.T.: 3.699 min
Delta R.T.: 0.001 min
Response: 179646310
Conc: 46.69 ng/ml



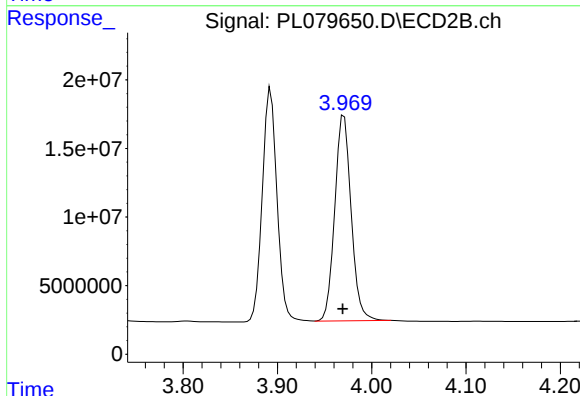
#5 Aldrin

R.T.: 5.030 min
Delta R.T.: 0.011 min
Response: 160262925
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

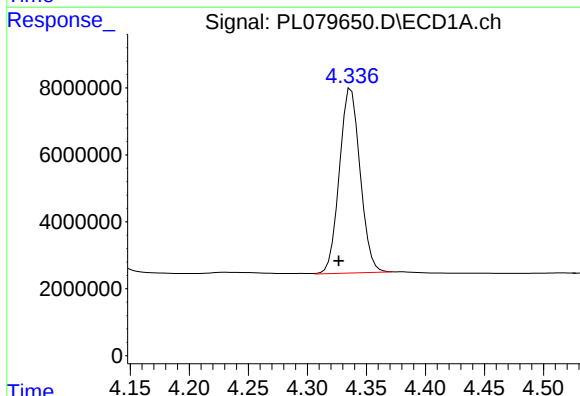
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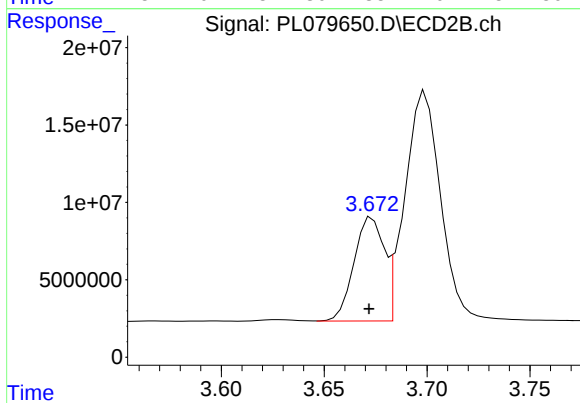
#5 Aldrin

R.T.: 3.971 min
Delta R.T.: 0.001 min
Response: 181180288
Conc: 48.80 ng/ml



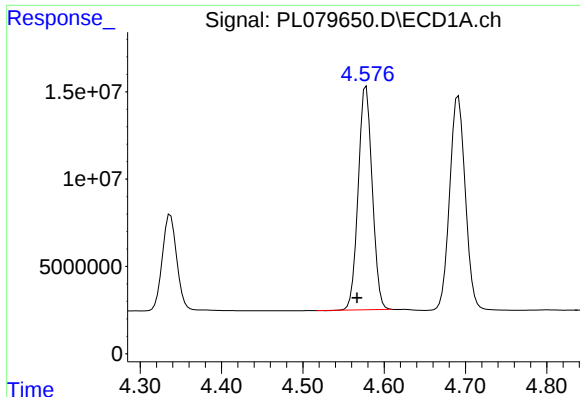
#6 beta-BHC

R.T.: 4.336 min
Delta R.T.: 0.009 min
Response: 67442937
Conc: 47.77 ng/ml m



#6 beta-BHC

R.T.: 3.673 min
Delta R.T.: 0.002 min
Response: 68008474
Conc: 44.88 ng/ml



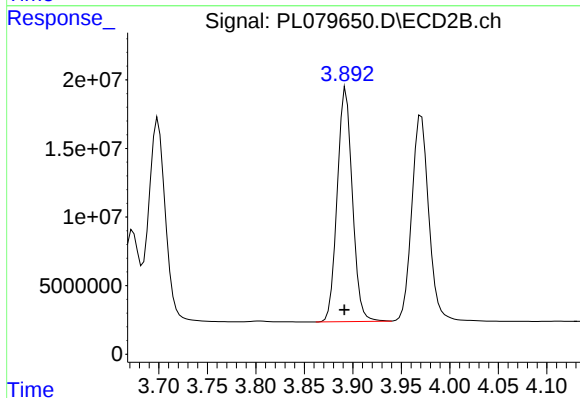
#7 delta-BHC

R.T.: 4.578 min
Delta R.T.: 0.011 min
Response: 152810339
Conc: 55.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

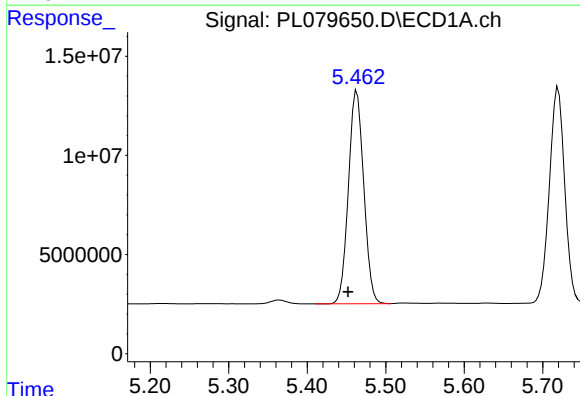
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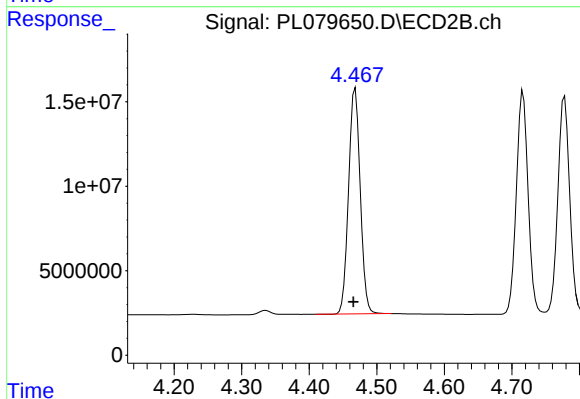
#7 delta-BHC

R.T.: 3.893 min
Delta R.T.: 0.002 min
Response: 184716775
Conc: 48.01 ng/ml



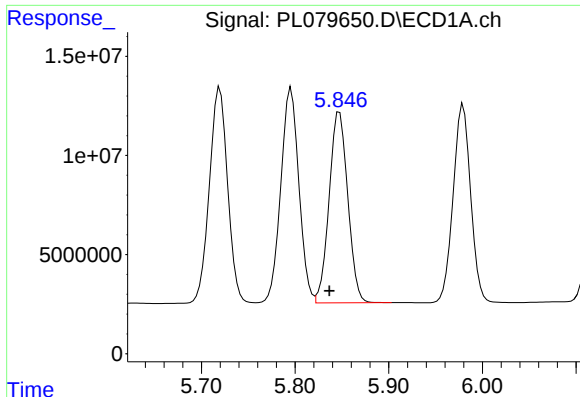
#8 Heptachlor epoxide

R.T.: 5.463 min
Delta R.T.: 0.011 min
Response: 145772701
Conc: 51.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.468 min
Delta R.T.: 0.003 min
Response: 159698689
Conc: 47.31 ng/ml



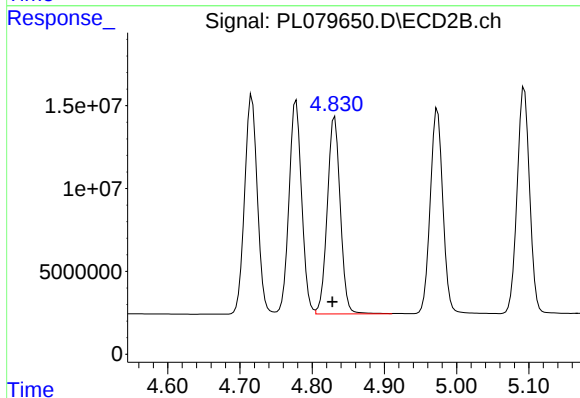
#9 Endosulfan I

R.T.: 5.847 min
Delta R.T.: 0.011 min
Response: 133384712
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

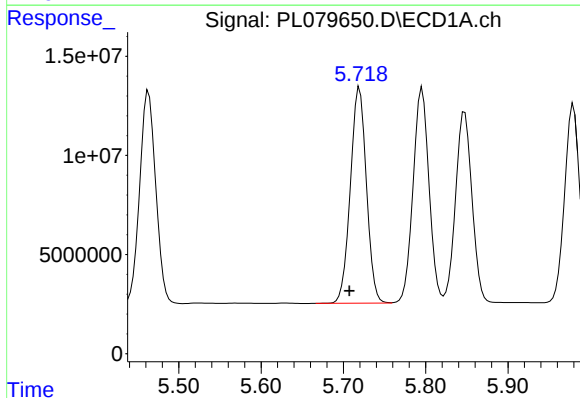
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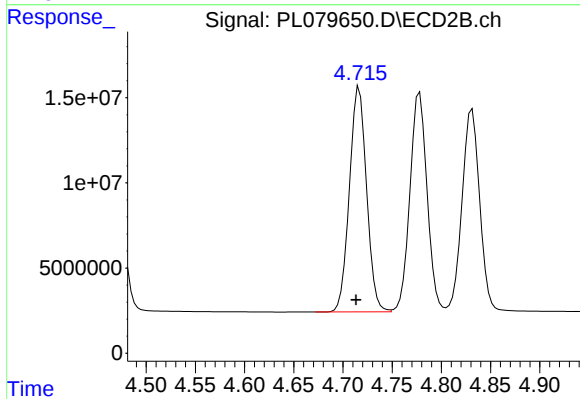
#9 Endosulfan I

R.T.: 4.831 min
Delta R.T.: 0.003 min
Response: 149291071
Conc: 46.66 ng/ml



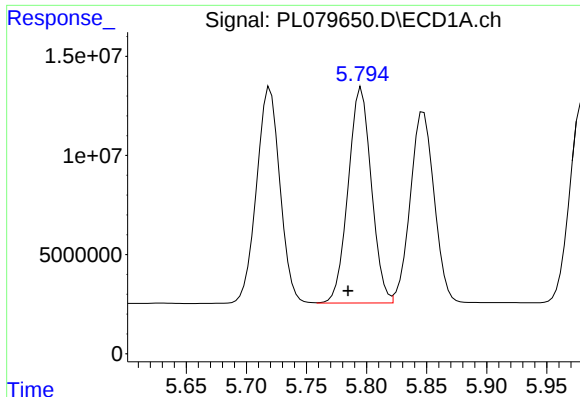
#10 gamma-Chlordane

R.T.: 5.720 min
Delta R.T.: 0.012 min
Response: 147649394
Conc: 51.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 160440782
Conc: 47.41 ng/ml



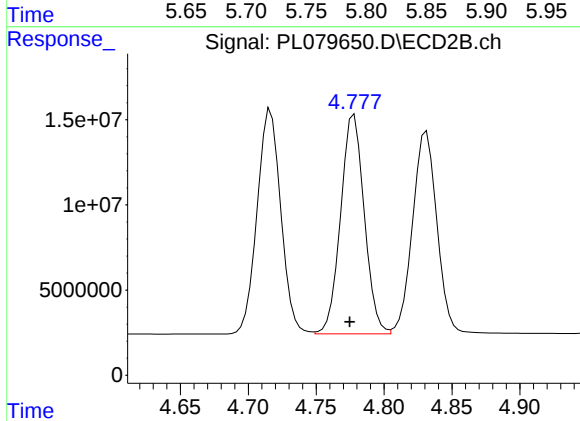
#11 alpha-Chlordane

R.T.: 5.796 min
Delta R.T.: 0.011 min
Response: 14600011
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

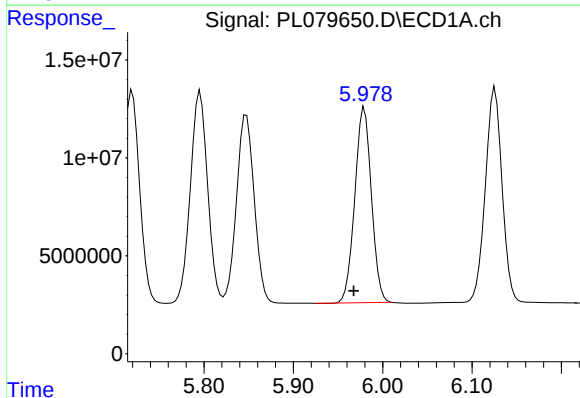
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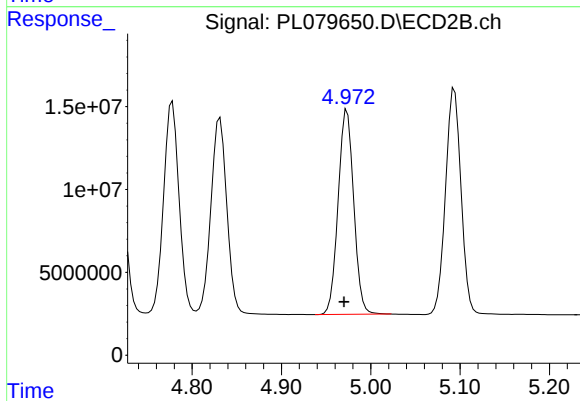
#11 alpha-Chlordane

R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 156407678
Conc: 46.70 ng/ml



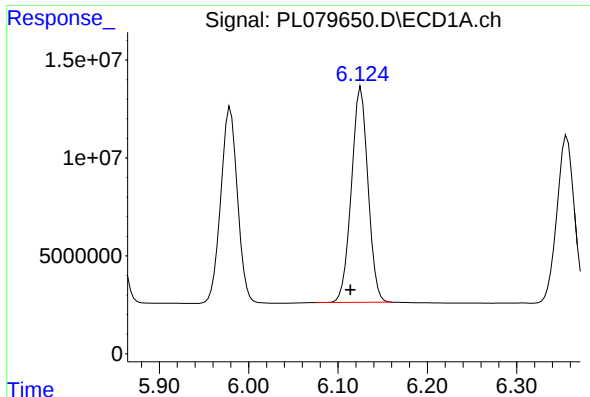
#12 4,4'-DDE

R.T.: 5.980 min
Delta R.T.: 0.012 min
Response: 128796634
Conc: 51.55 ng/ml



#12 4,4'-DDE

R.T.: 4.973 min
Delta R.T.: 0.004 min
Response: 149772753
Conc: 48.85 ng/ml



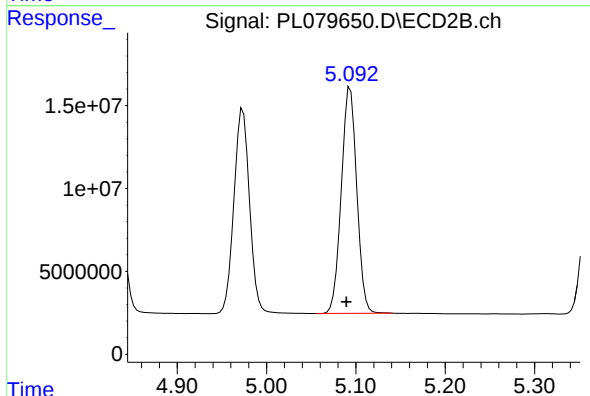
#13 Dieldrin

R.T.: 6.126 min
Delta R.T.: 0.012 min
Response: 141974106
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

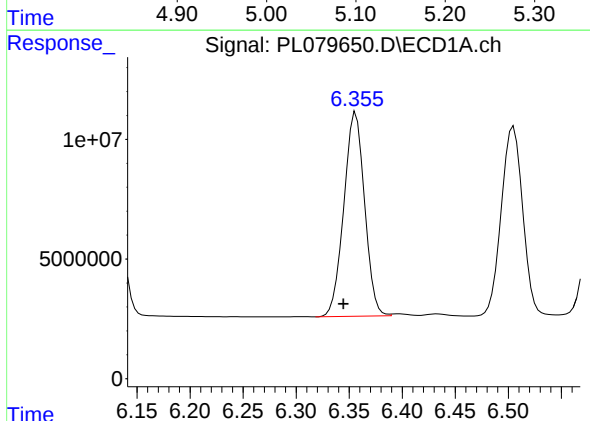
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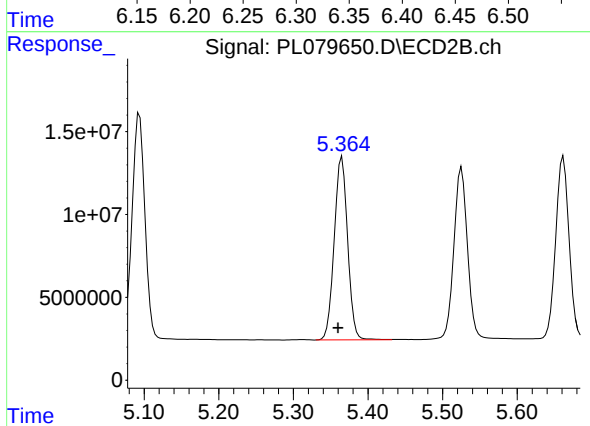
#13 Dieldrin

R.T.: 5.094 min
Delta R.T.: 0.004 min
Response: 164061656
Conc: 48.67 ng/ml



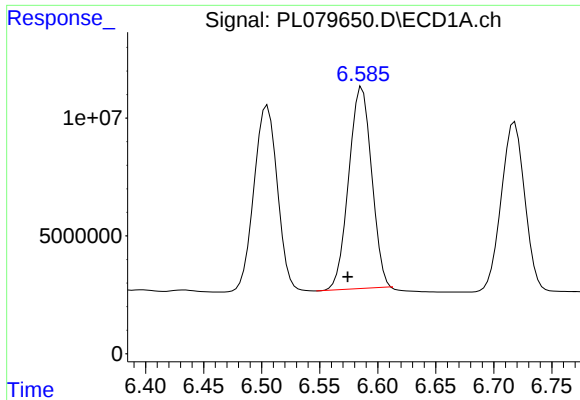
#14 Endrin

R.T.: 6.356 min
Delta R.T.: 0.012 min
Response: 115727095
Conc: 47.84 ng/ml



#14 Endrin

R.T.: 5.365 min
Delta R.T.: 0.005 min
Response: 138206942
Conc: 45.69 ng/ml



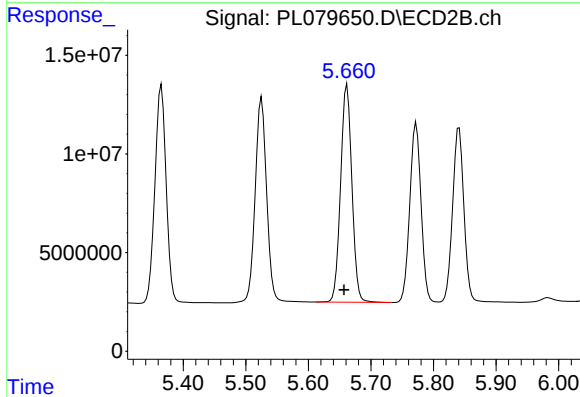
#15 Endosulfan II

R.T.: 6.586 min
Delta R.T.: 0.012 min
Response: 117491598
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

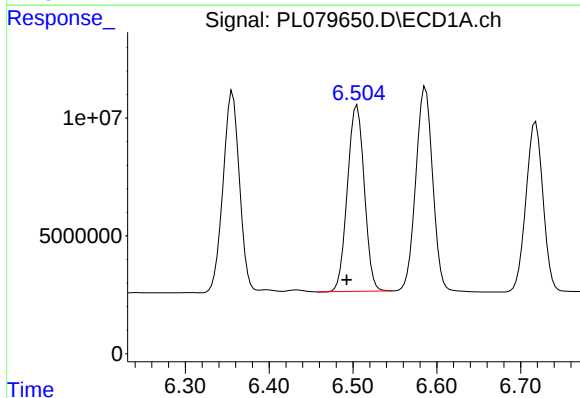
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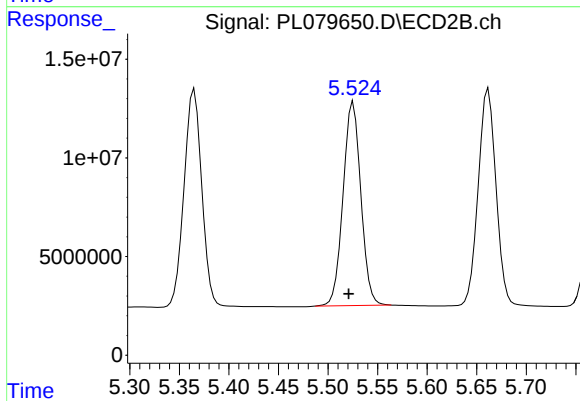
#15 Endosulfan II

R.T.: 5.662 min
Delta R.T.: 0.005 min
Response: 138741685
Conc: 49.58 ng/ml



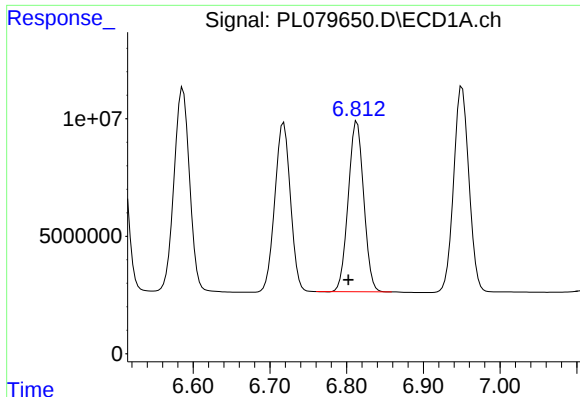
#16 4,4'-DDD

R.T.: 6.505 min
Delta R.T.: 0.012 min
Response: 110676280
Conc: 55.78 ng/ml



#16 4,4'-DDD

R.T.: 5.526 min
Delta R.T.: 0.005 min
Response: 128920049
Conc: 51.54 ng/ml



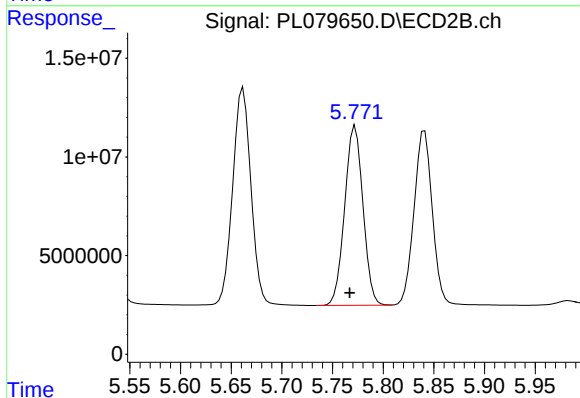
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: 0.011 min
Response: 102418605
Conc: 45.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

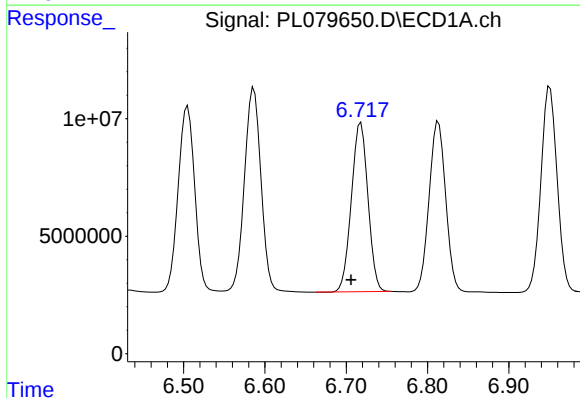
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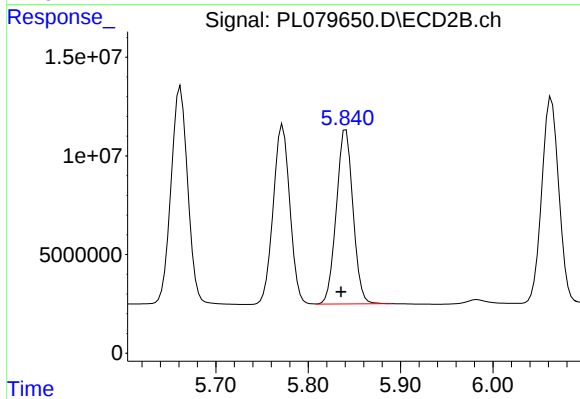
#17 4,4'-DDT

R.T.: 5.772 min
Delta R.T.: 0.005 min
Response: 113972947
Conc: 43.61 ng/ml



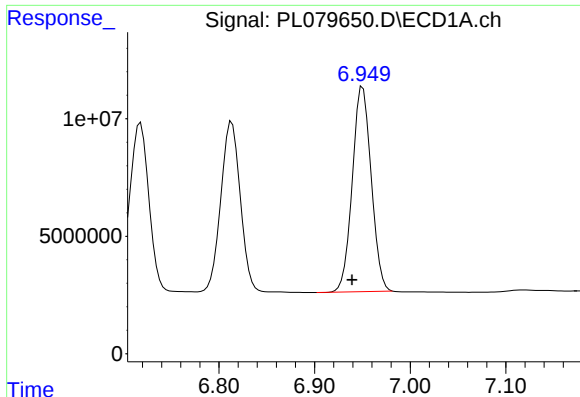
#18 Endrin aldehyde

R.T.: 6.718 min
Delta R.T.: 0.012 min
Response: 101478135
Conc: 56.03 ng/ml



#18 Endrin aldehyde

R.T.: 5.841 min
Delta R.T.: 0.005 min
Response: 110691103
Conc: 52.01 ng/ml



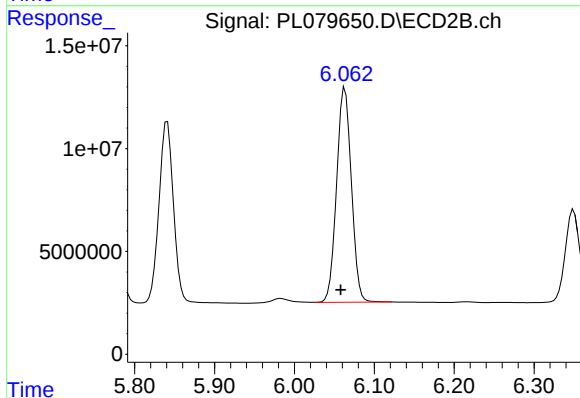
#19 Endosulfan Sulfate

R.T.: 6.950 min
Delta R.T.: 0.011 min
Response: 120158150
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

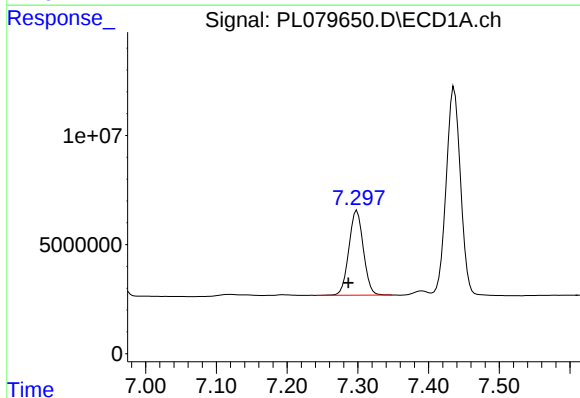
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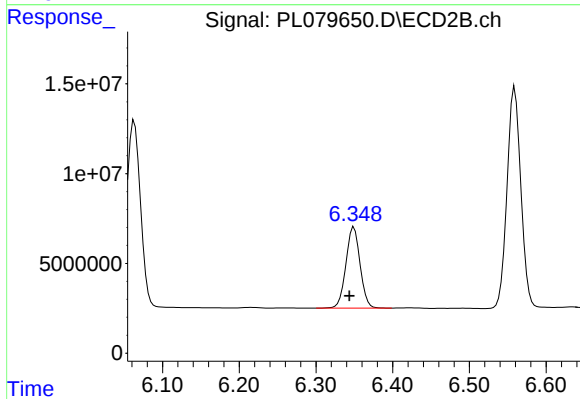
#19 Endosulfan Sulfate

R.T.: 6.063 min
Delta R.T.: 0.006 min
Response: 134109404
Conc: 47.53 ng/ml



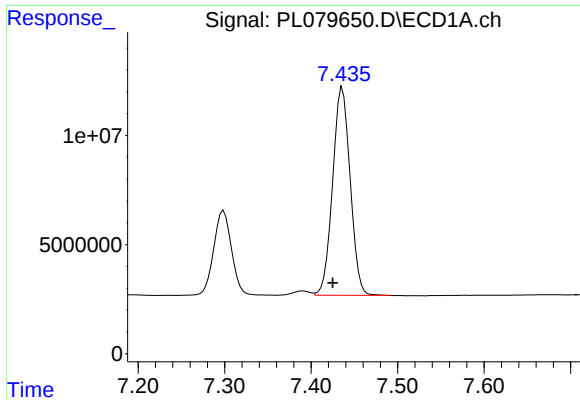
#20 Methoxychlor

R.T.: 7.299 min
Delta R.T.: 0.012 min
Response: 55257842
Conc: 45.80 ng/ml



#20 Methoxychlor

R.T.: 6.350 min
Delta R.T.: 0.006 min
Response: 58216890
Conc: 42.83 ng/ml



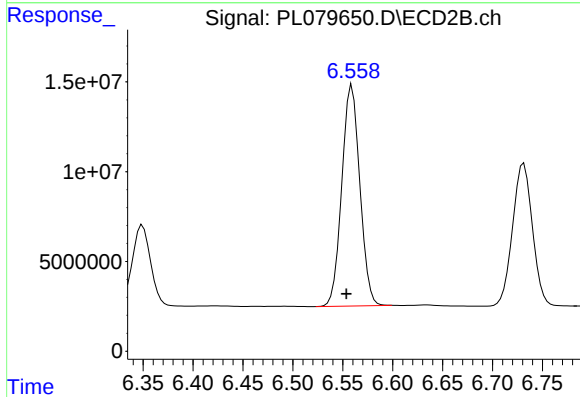
#21 Endrin ketone

R.T.: 7.436 min
Delta R.T.: 0.011 min
Response: 133785891
Conc: 54.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

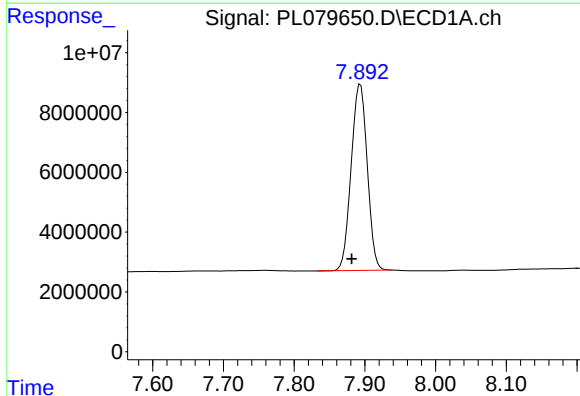
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2022
Supervised By :Ankita Jodhani 12/12/2022



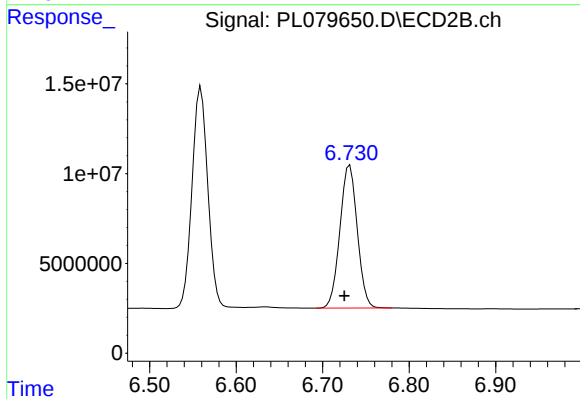
#21 Endrin ketone

R.T.: 6.559 min
Delta R.T.: 0.006 min
Response: 154735166
Conc: 50.24 ng/ml



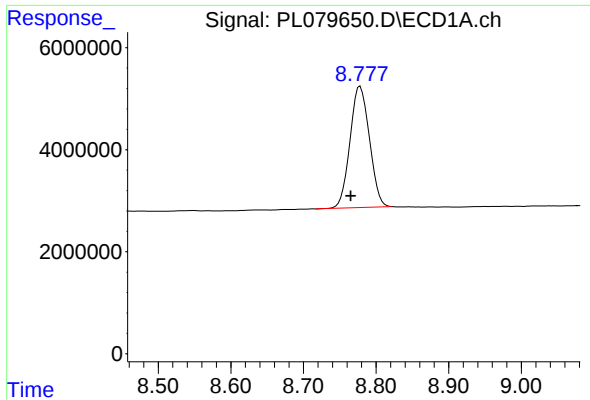
#22 Mirex

R.T.: 7.894 min
Delta R.T.: 0.012 min
Response: 98546281
Conc: 52.03 ng/ml



#22 Mirex

R.T.: 6.731 min
Delta R.T.: 0.006 min
Response: 110218640
Conc: 46.60 ng/ml



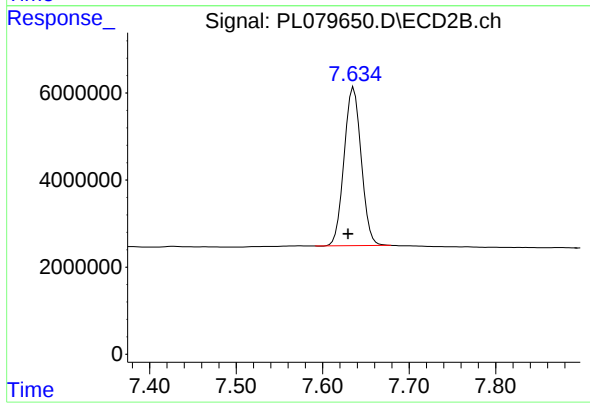
#28 Decachlorobiphenyl

R.T.: 8.778 min
Delta R.T.: 0.013 min
Response: 44211927
Conc: 22.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149514BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/12/2022



#28 Decachlorobiphenyl

R.T.: 7.636 min
Delta R.T.: 0.007 min
Response: 49845221
Conc: 21.22 ng/ml