

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081324\
 Data File : PL091022.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2024 08:45
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL081324

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/16/2024
 Supervised By :Ankita Jodhani 08/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 14:15:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.546	2.785	109.9E6	101.2E6	51.162	51.827
28)	SA Decachlor...	9.061	7.929	77542630	94008478	50.863	49.632
Target Compounds							
2)	A alpha-BHC	4.002	3.290	152.8E6	147.9E6	50.959	53.313
3)	MA gamma-BHC...	4.334	3.620	144.6E6	139.6E6	50.401	52.993
4)	MA Heptachlor	4.924	3.960	133.3E6	134.3E6	50.045	51.989
5)	MB Aldrin	5.265	4.240	127.6E6	127.2E6	49.443	51.740
6)	B beta-BHC	4.530	3.919	68258707	60715541	50.474	51.582
7)	B delta-BHC	4.778	4.149	137.7E6	135.2E6	50.587	53.364
8)	B Heptachlo...	5.692	4.743	120.3E6	115.6E6	49.168	51.247
9)	A Endosulfan I	6.077	5.114	110.1E6	108.0E6	49.018	51.173
10)	B gamma-Chl...	5.947	4.994	119.9E6	120.8E6	49.608	51.098
11)	B alpha-Chl...	6.027	5.057	118.4E6	119.8E6	49.184	50.921
12)	B 4,4'-DDE	6.199	5.247	103.0E6	107.4E6	49.216	51.415
13)	MA Dieldrin	6.352	5.378	115.6E6	116.7E6	49.082	51.233
14)	MA Endrin	6.581	5.653	94668132	102.9E6	48.817	50.507
15)	B Endosulfa...	6.801	5.947	99898434	100.9E6	49.365	52.177
16)	A 4,4'-DDD	6.716	5.799	82332255	88376802	54.475	53.536m
17)	MA 4,4'-DDT	7.029	6.052	89898002	91534363	50.645	51.528
18)	B Endrin al...	6.930	6.127	78724533	78155335	49.314	50.174
19)	B Endosulfa...	7.164	6.349	94328897	97781505	49.164	50.717
20)	A Methoxychlor	7.505	6.627	48498951	50231441	51.580	50.586
21)	B Endrin ke...	7.649	6.855	104.4E6	112.6E6	49.718	51.713
22)	Mirex	8.123	7.036	82957650	91791760	48.766	49.180

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081324\
Data File : PL091022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2024 08:45
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ICVPL081324

Manual Integrations

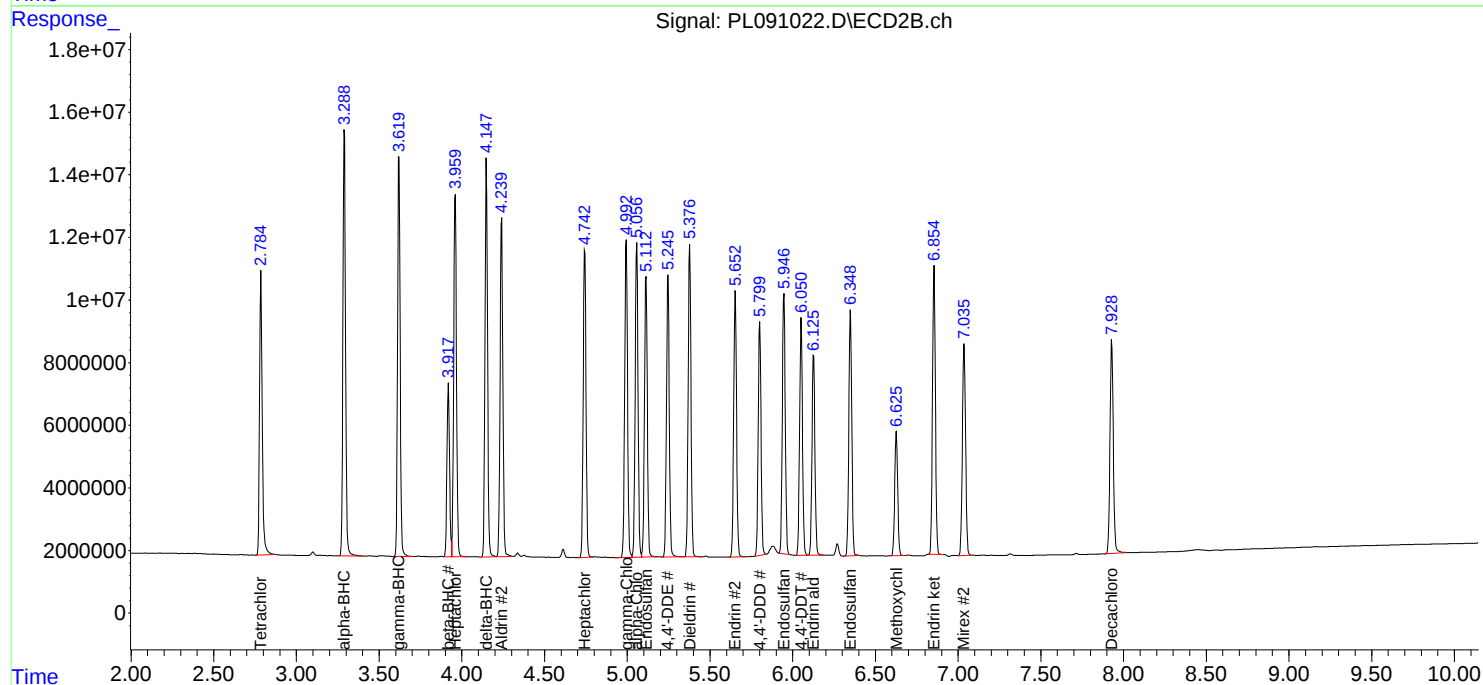
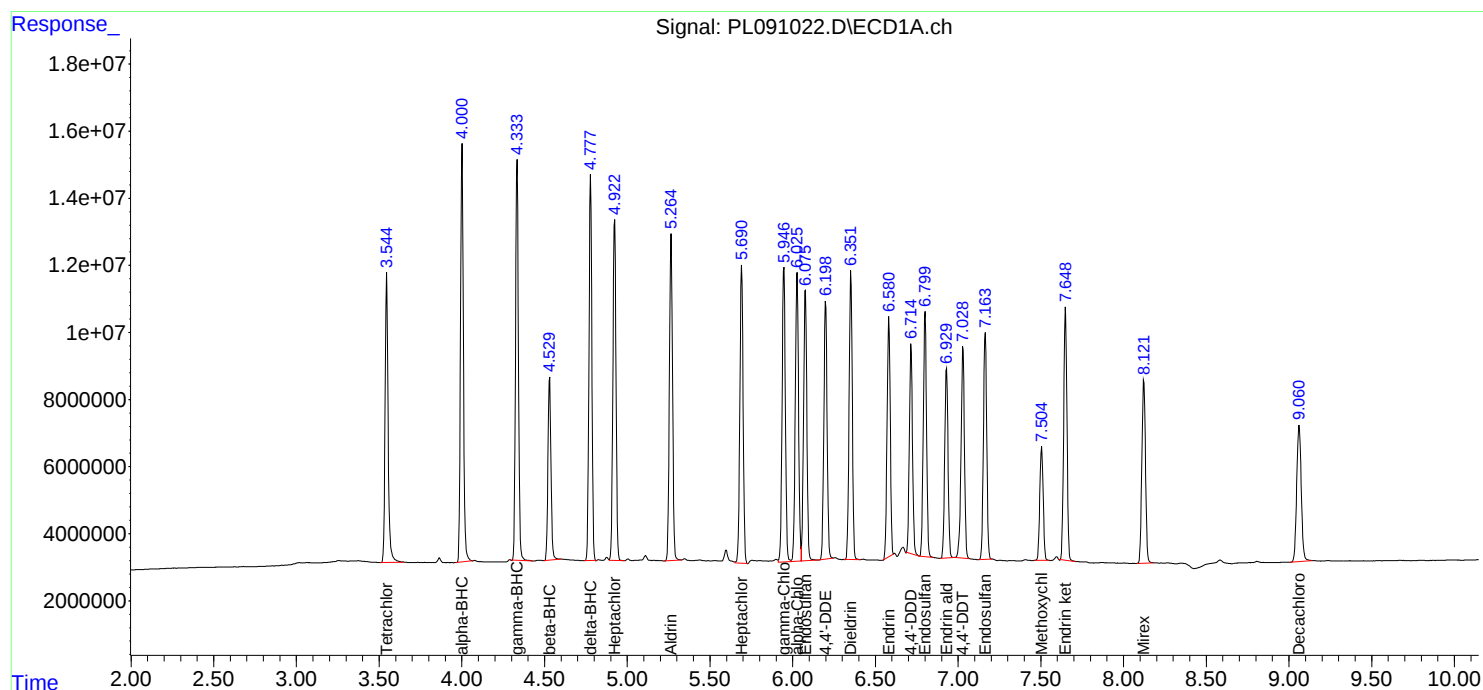
APPROVED

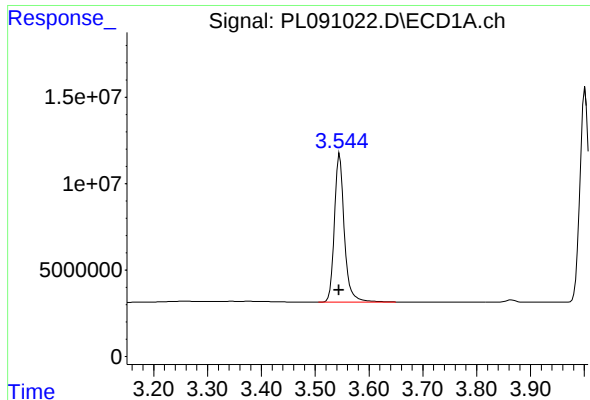
Reviewed By :Abdul Mirza 08/16/2024

Supervised By :Ankita Jodhani 08/16/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 14:15:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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.: 3.546 min
Delta R.T.: 0.002 min
Response: 109854001
Conc: 51.16 ng/ml

Instrument :

ECD_L

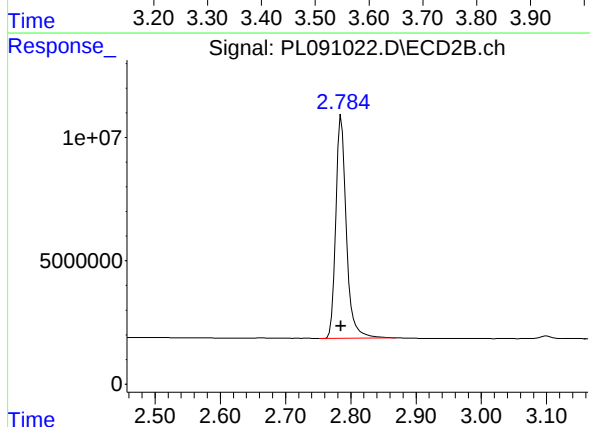
ClientSampleId :

ICVPL081324

Manual Integrations

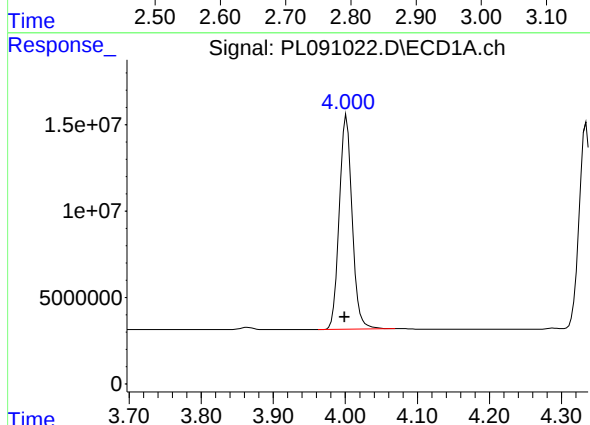
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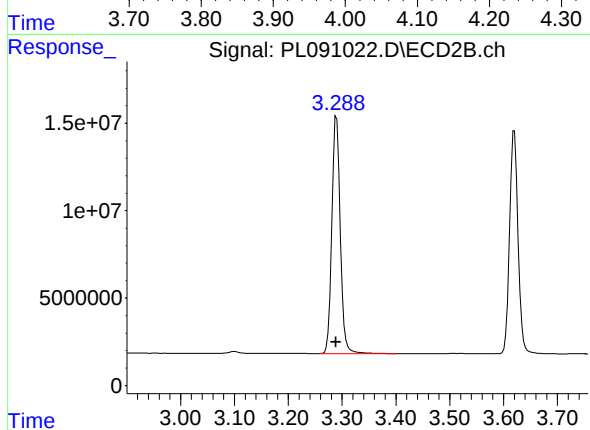
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 101166464
Conc: 51.83 ng/ml



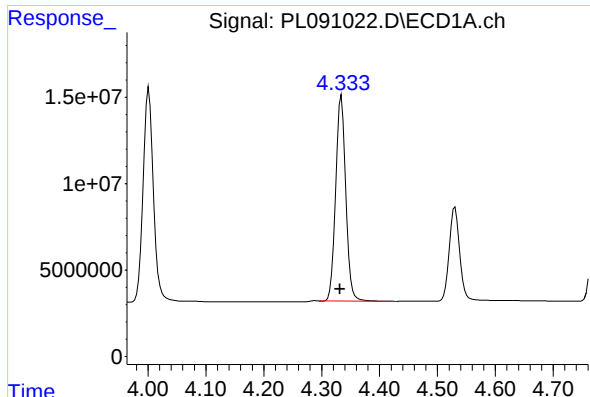
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 152765020
Conc: 50.96 ng/ml



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: 0.001 min
Response: 147859924
Conc: 53.31 ng/ml



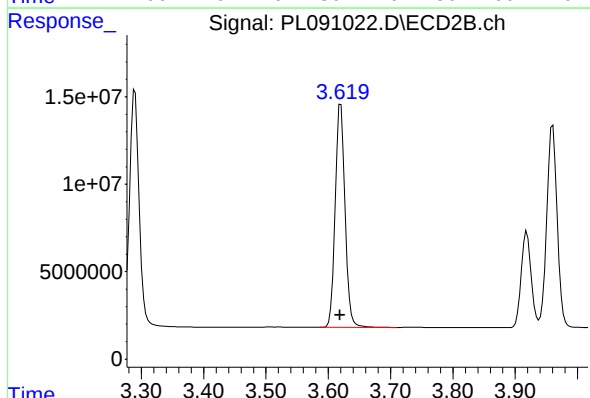
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.003 min
Response: 144583568
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL081324

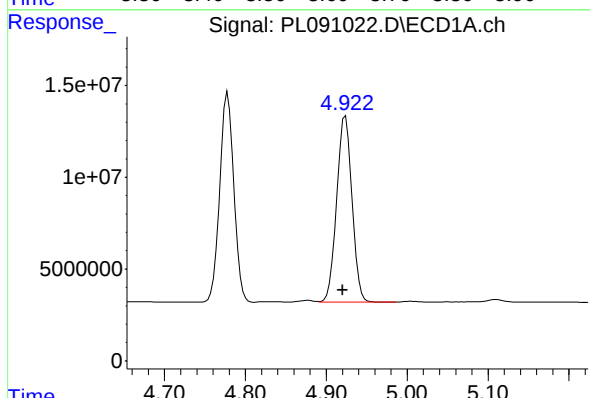
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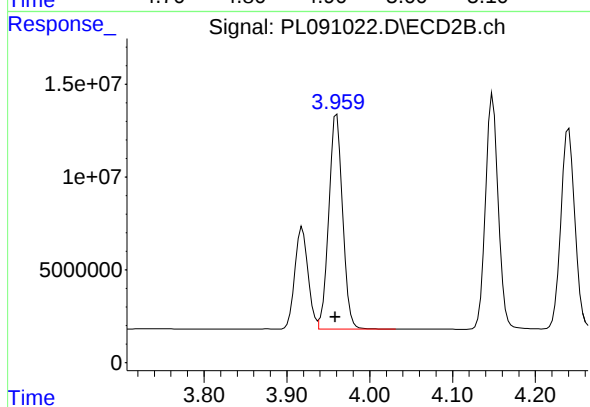
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: 0.002 min
Response: 139580237
Conc: 52.99 ng/ml



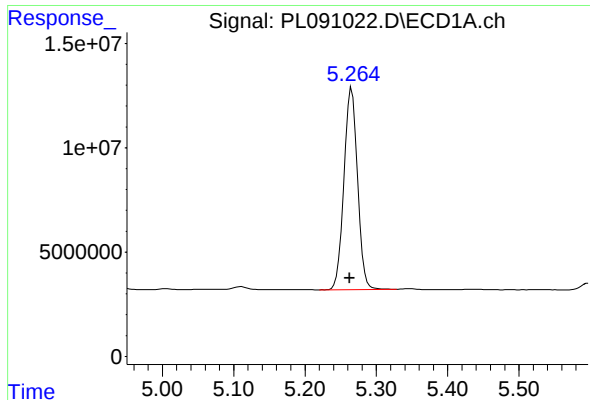
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.003 min
Response: 133269506
Conc: 50.04 ng/ml



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: 0.001 min
Response: 134273143
Conc: 51.99 ng/ml



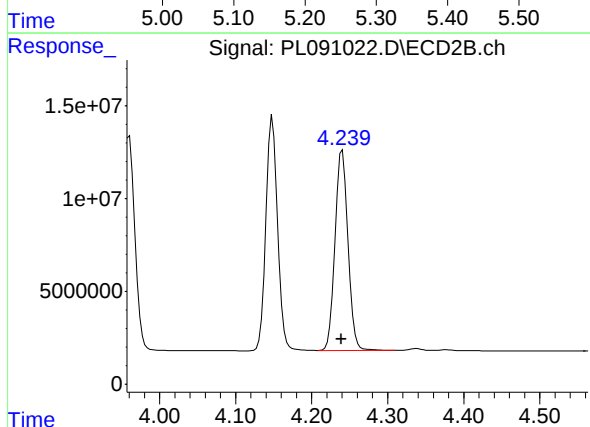
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.003 min
Response: 127606511
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL081324

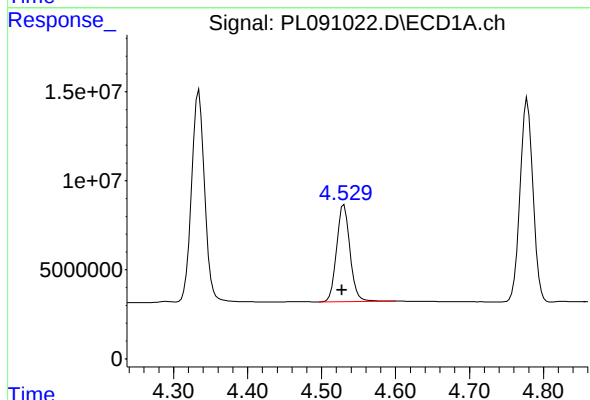
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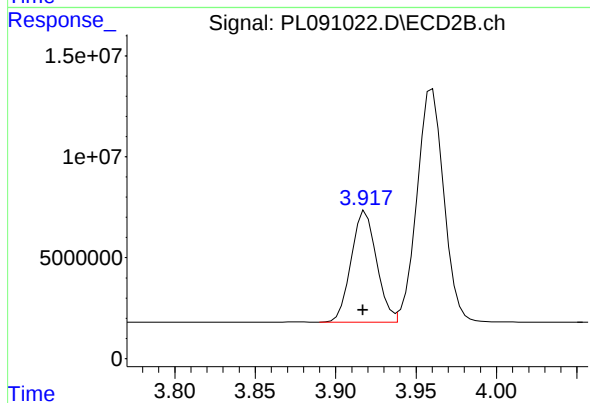
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: 0.002 min
Response: 127238051
Conc: 51.74 ng/ml



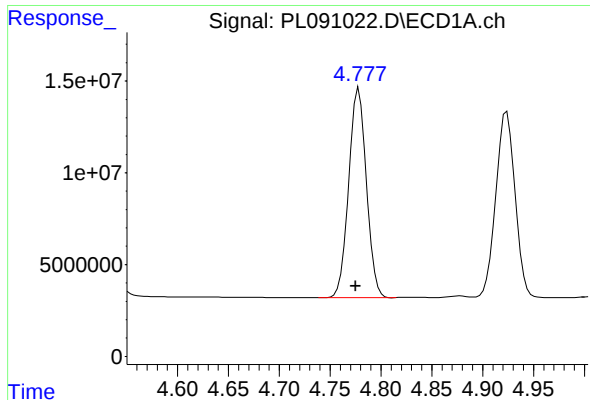
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.003 min
Response: 68258707
Conc: 50.47 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: 0.002 min
Response: 60715541
Conc: 51.58 ng/ml



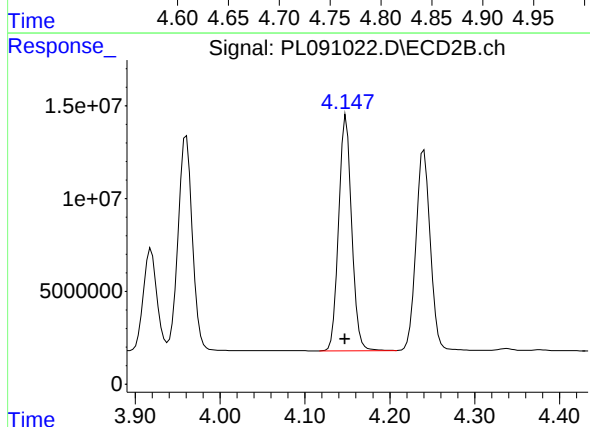
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 137722454
Conc: 50.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL081324

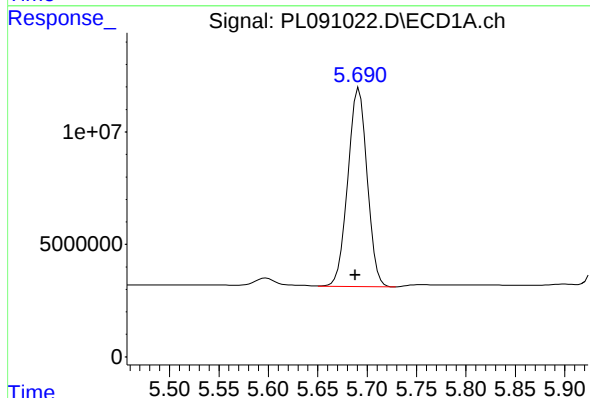
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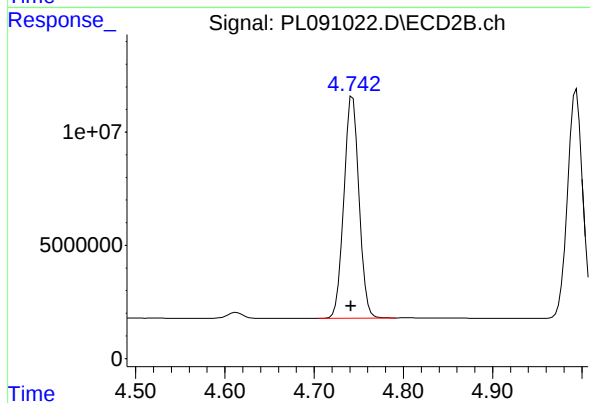
#7 delta-BHC

R.T.: 4.149 min
Delta R.T.: 0.001 min
Response: 135236513
Conc: 53.36 ng/ml



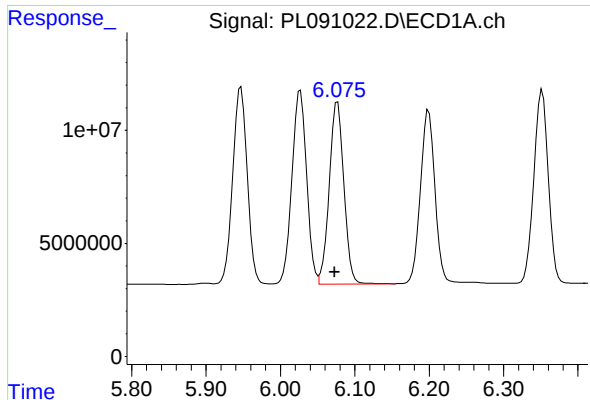
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.004 min
Response: 120291691
Conc: 49.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: 0.002 min
Response: 115552918
Conc: 51.25 ng/ml



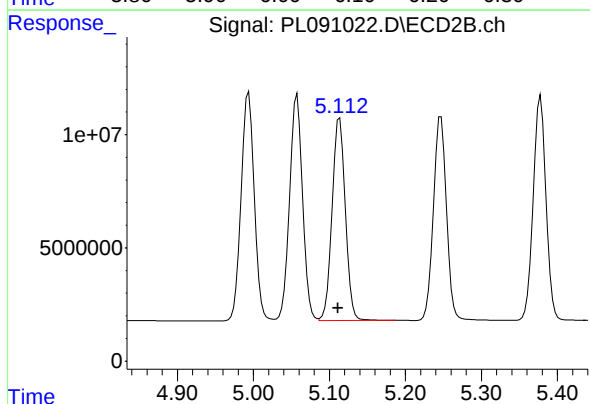
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.004 min
Response: 110063171
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL081324

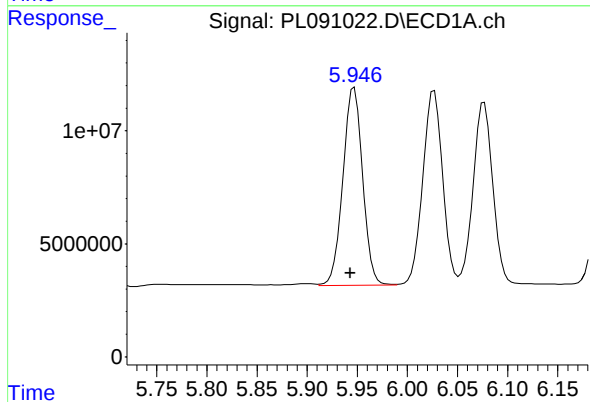
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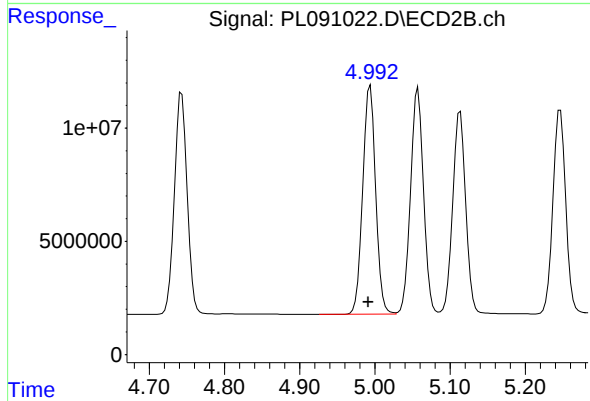
#9 Endosulfan I

R.T.: 5.114 min
Delta R.T.: 0.002 min
Response: 107983432
Conc: 51.17 ng/ml



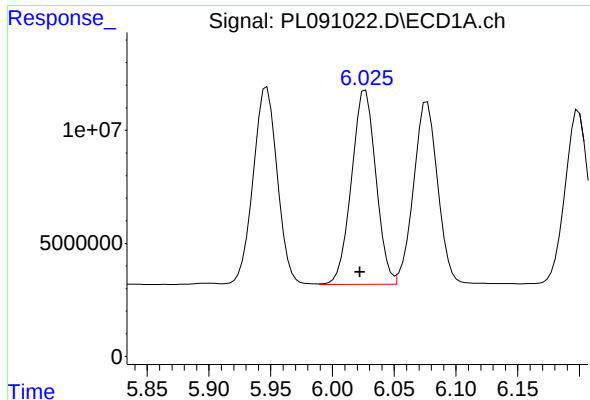
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.004 min
Response: 119873337
Conc: 49.61 ng/ml



#10 gamma-Chlordane

R.T.: 4.994 min
Delta R.T.: 0.002 min
Response: 120793123
Conc: 51.10 ng/ml



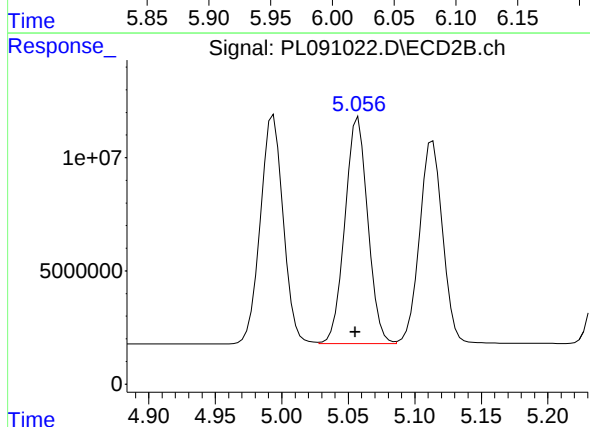
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.004 min
Response: 118420598
Conc: 49.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL081324

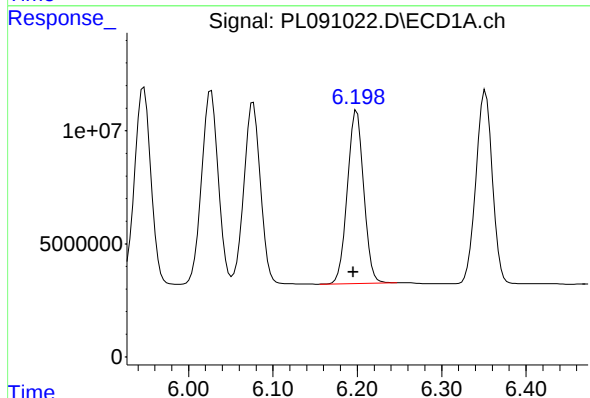
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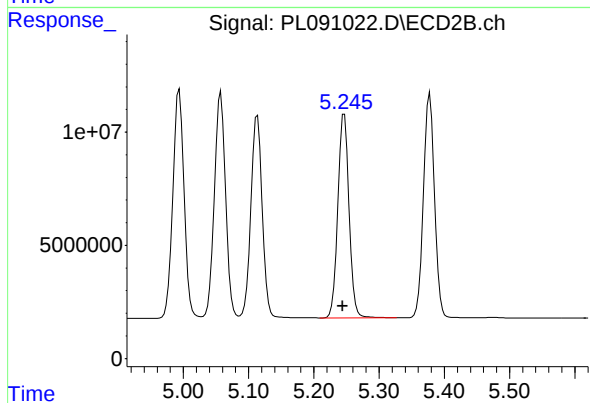
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: 0.002 min
Response: 119796135
Conc: 50.92 ng/ml



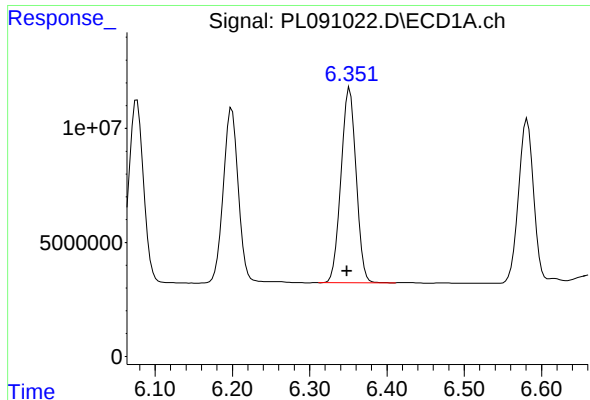
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.004 min
Response: 102965411
Conc: 49.22 ng/ml



#12 4,4'-DDE

R.T.: 5.247 min
Delta R.T.: 0.002 min
Response: 107427553
Conc: 51.42 ng/ml



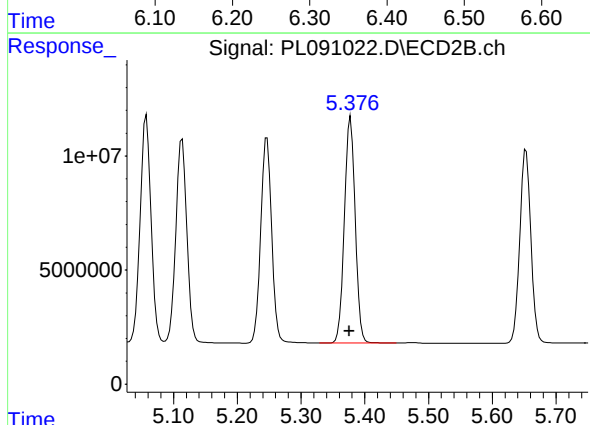
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.004 min
Response: 115598762
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL081324

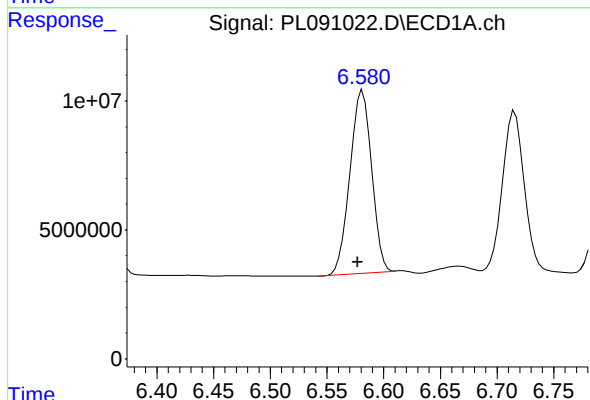
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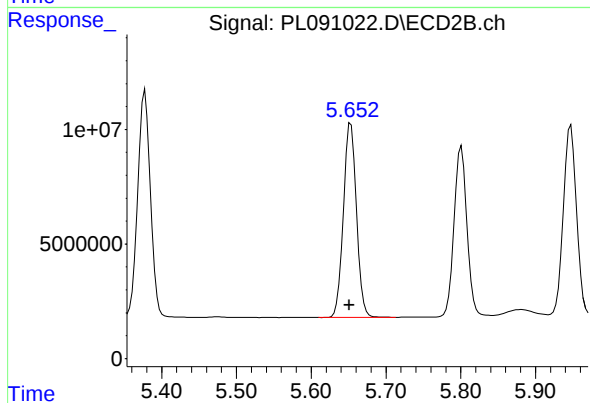
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: 0.002 min
Response: 116685312
Conc: 51.23 ng/ml



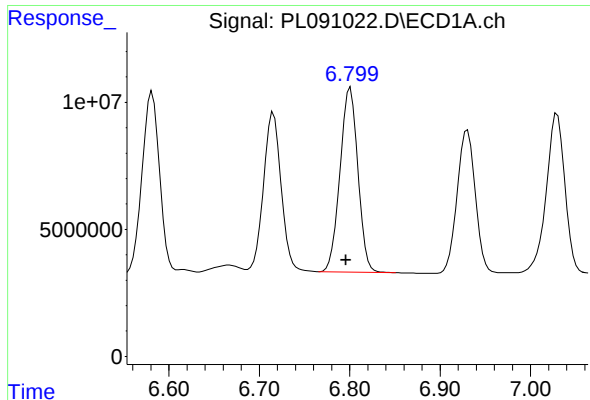
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.004 min
Response: 94668132
Conc: 48.82 ng/ml



#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.002 min
Response: 102890113
Conc: 50.51 ng/ml



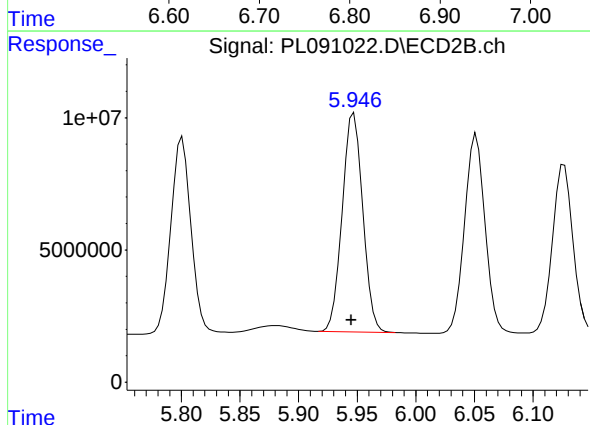
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.005 min
Response: 99898434
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL081324

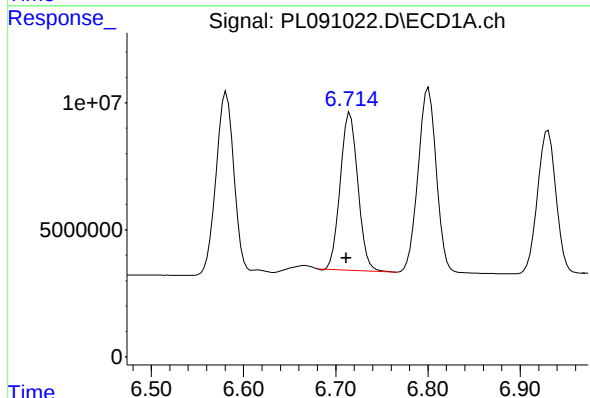
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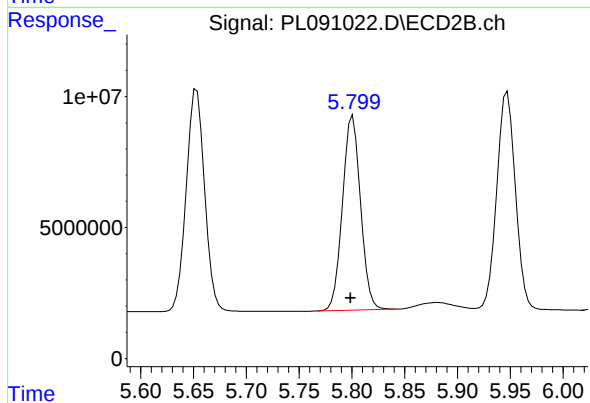
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: 0.002 min
Response: 100946266
Conc: 52.18 ng/ml



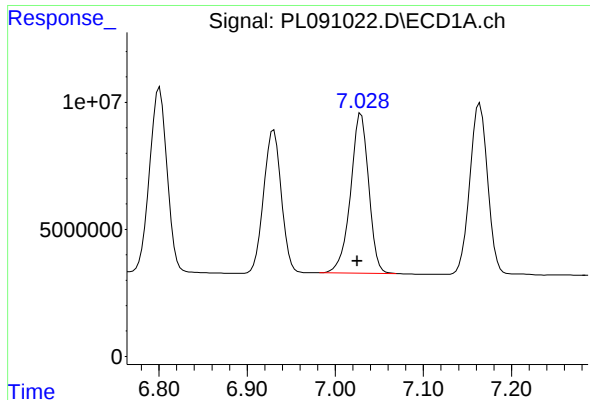
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.004 min
Response: 82332255
Conc: 54.47 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 88376802
Conc: 53.54 ng/ml m



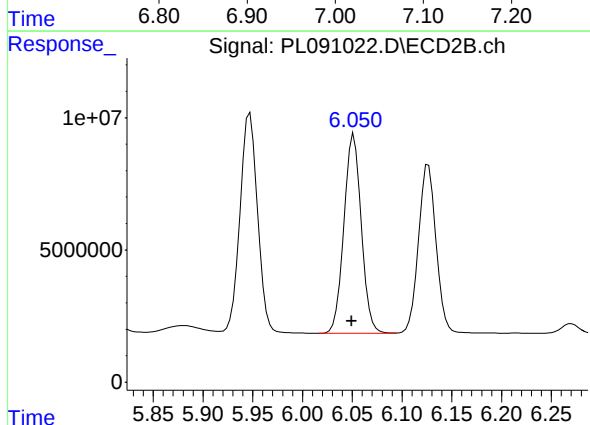
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.005 min
Response: 89898002
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL081324

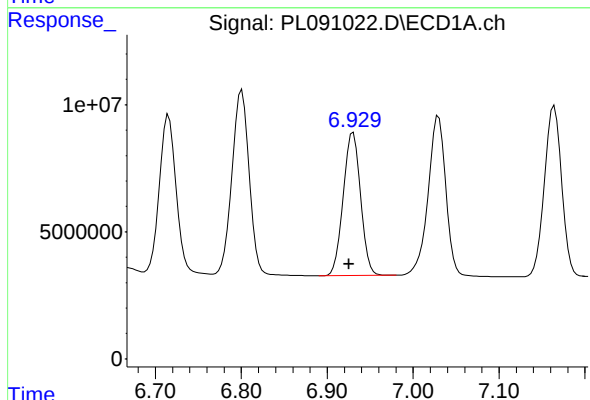
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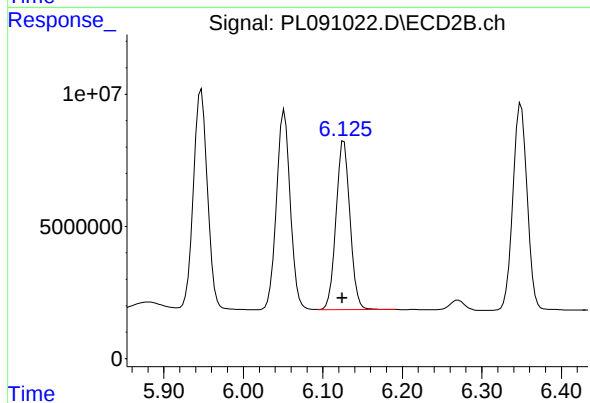
#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: 0.002 min
Response: 91534363
Conc: 51.53 ng/ml



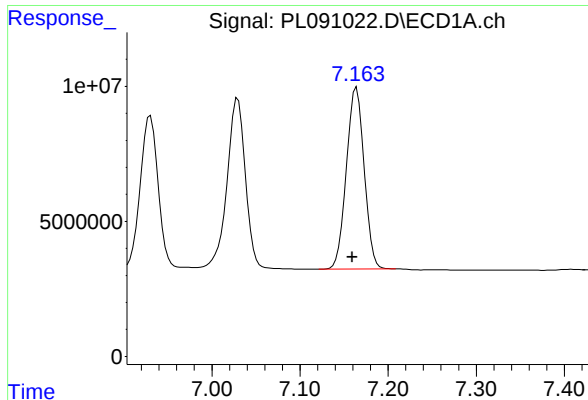
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.005 min
Response: 78724533
Conc: 49.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.127 min
Delta R.T.: 0.002 min
Response: 78155335
Conc: 50.17 ng/ml



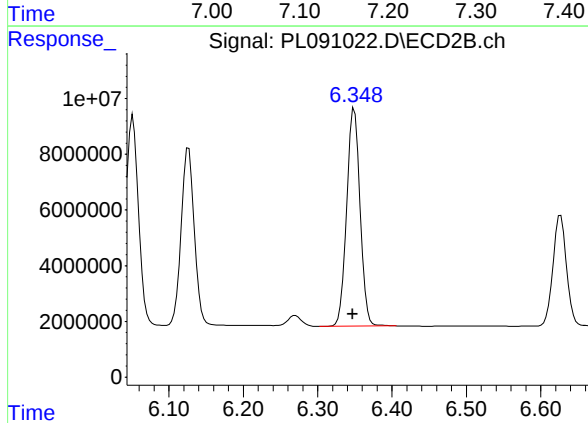
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.005 min
Response: 94328897
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL081324

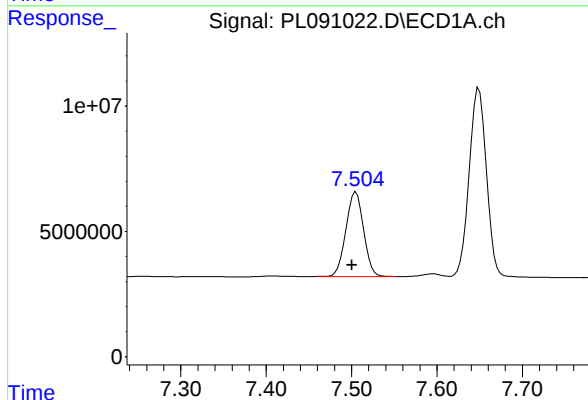
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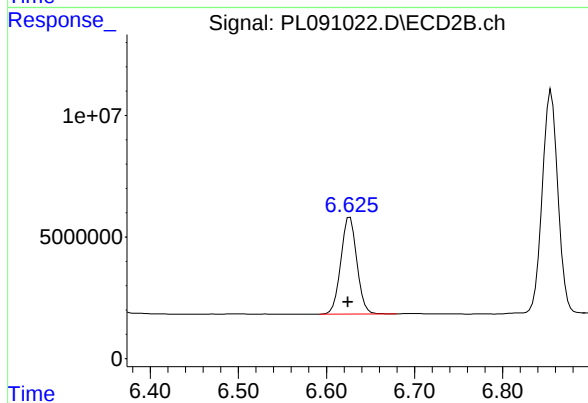
#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: 0.002 min
Response: 97781505
Conc: 50.72 ng/ml



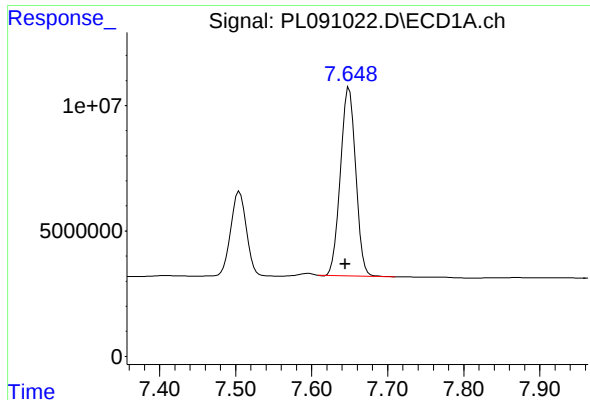
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 48498951
Conc: 51.58 ng/ml



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: 0.002 min
Response: 50231441
Conc: 50.59 ng/ml



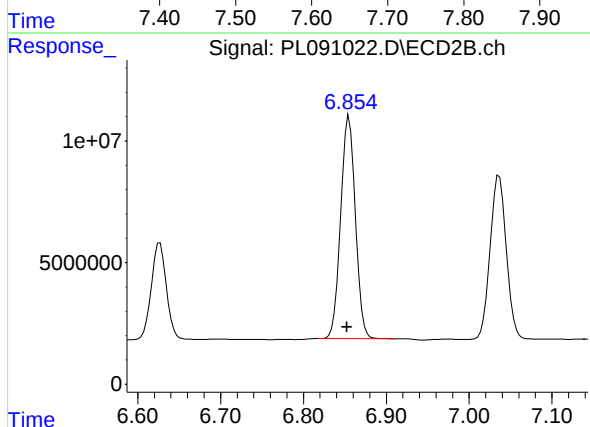
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.005 min
Response: 104393273
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL081324

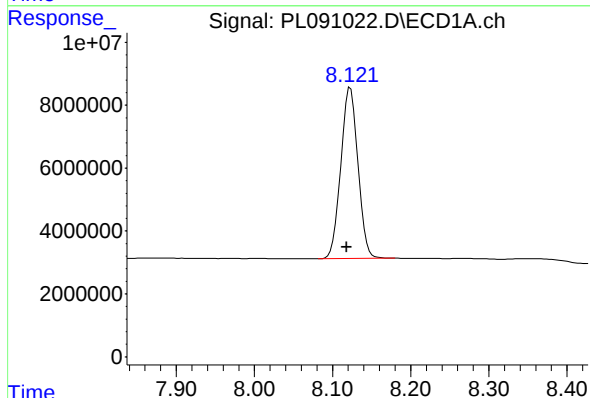
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/16/2024
Supervised By :Ankita Jodhani 08/16/2024



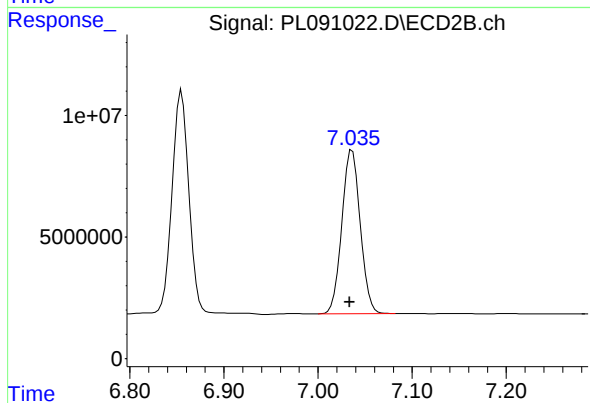
#21 Endrin ketone

R.T.: 6.855 min
Delta R.T.: 0.002 min
Response: 112630216
Conc: 51.71 ng/ml



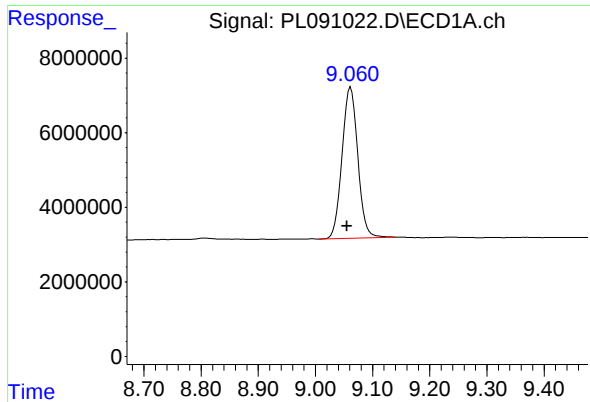
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.005 min
Response: 82957650
Conc: 48.77 ng/ml



#22 Mirex

R.T.: 7.036 min
Delta R.T.: 0.002 min
Response: 91791760
Conc: 49.18 ng/ml



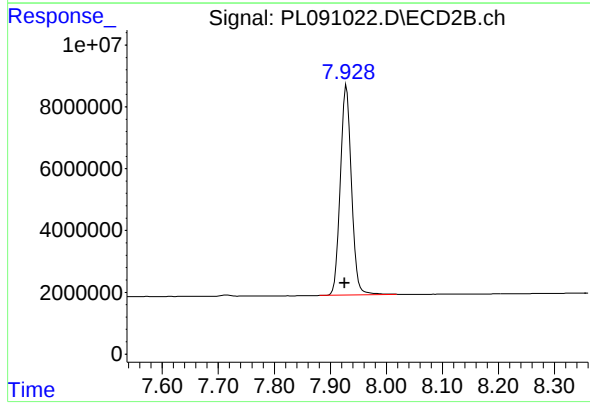
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.006 min
Response: 77542630
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL081324

Manual Integrations
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Supervised By :Ankita Jodhani 08/16/2024



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: 0.003 min
Response: 94008478
Conc: 49.63 ng/ml