

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091124\
 Data File : PL091634.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2024 05:08
 Operator : AR\AJ
 Sample : PB163218BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163218BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/11/2024
 Supervised By :Ankita Jodhani 09/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 07:07:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 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...	3.542	2.781	37029113	44100861	23.758	23.580
28) SA Decachlor...	9.055	7.921	30500913	45753697	25.097	24.778
Target Compounds						
2) A alpha-BHC	3.997	3.284	135.8E6	170.9E6	62.893	64.272
3) MA gamma-BHC...	4.330	3.614	129.0E6	157.6E6	62.750	64.098
4) MA Heptachlor	4.919	3.954	119.3E6	156.9E6	63.694	65.167
5) MB Aldrin	5.259	4.233	114.9E6	147.6E6	61.705m	64.704m
6) B beta-BHC	4.527	3.913	57161821	67907729	62.814	62.160
7) B delta-BHC	4.774	4.141	116.6E6	153.5E6	60.715	66.728m
8) B Heptachlo...	5.684	4.737	114.7E6	133.2E6	68.760m	63.211
9) A Endosulfan I	6.072	5.106	99288480	103.1E6	63.724	53.425
10) B gamma-Chl...	5.942	4.987	103.5E6	138.8E6	61.944	62.914
11) B alpha-Chl...	6.021	5.050	103.5E6	131.5E6	64.199	63.552
12) B 4,4'-DDE	6.194	5.238	91400229	126.5E6	62.661	66.698m
13) MA Dieldrin	6.346	5.371	102.9E6	135.1E6	63.049	65.709
14) MA Endrin	6.576	5.646	81925240	134.1E6	61.612	71.057
15) B Endosulfa...	6.795	5.939	92104433	116.0E6	59.422	65.584m
16) A 4,4'-DDD	6.711	5.794	81603013	105.5E6	64.379	62.954
17) MA 4,4'-DDT	7.025	6.044	80203865	99565801	61.143	61.966
18) B Endrin al...	6.923	6.120	71919110	87240795	60.531m	63.817
19) B Endosulfa...	7.159	6.342	84877281	108.0E6	60.783	62.924
20) A Methoxychlor	7.498	6.619	63264758	54384727	93.522m	61.399 #
21) B Endrin ke...	7.644	6.846	94452566	286.1E6	61.082	142.244m#
22) Mirex	8.117	7.029	76074118	98537995	63.531	55.570

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091124\
Data File : PL091634.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 05:08
Operator : AR\AJ
Sample : PB163218BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

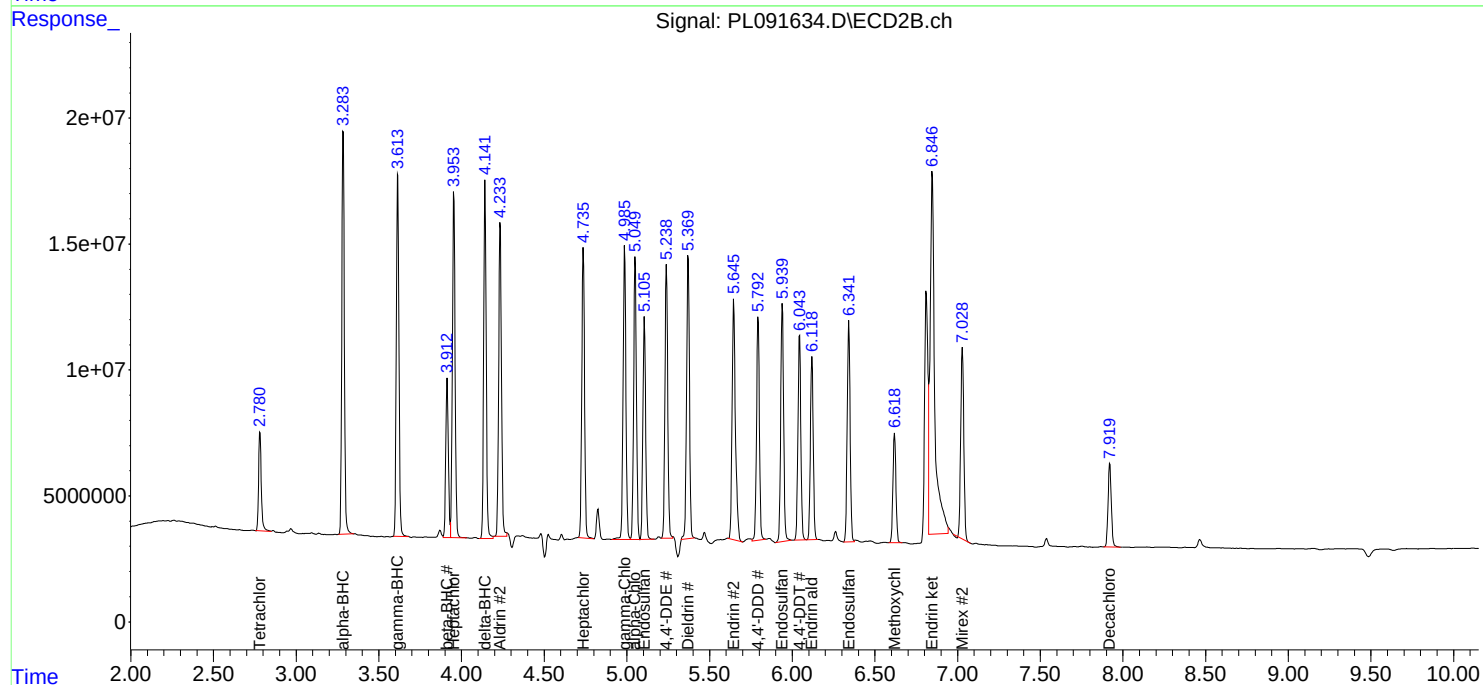
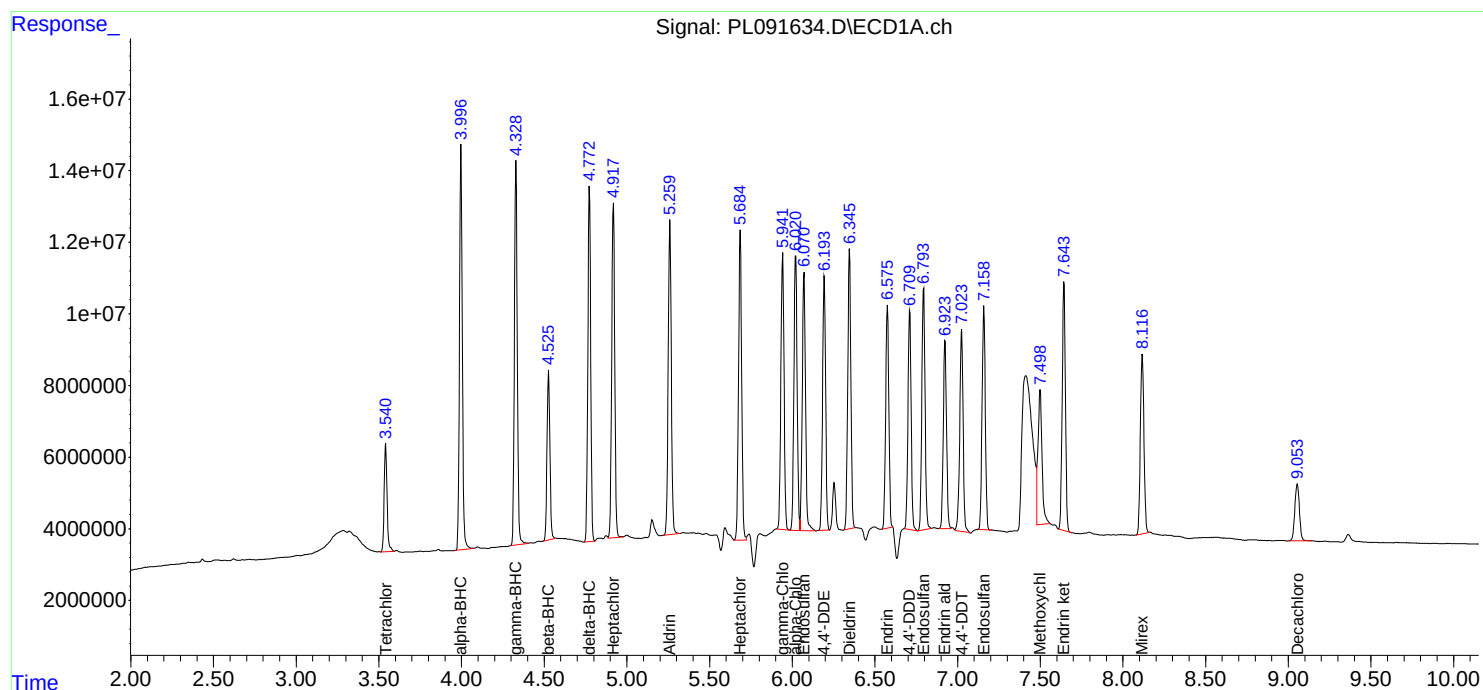
Instrument :
ECD_L
ClientSampleId :
PB163218BS

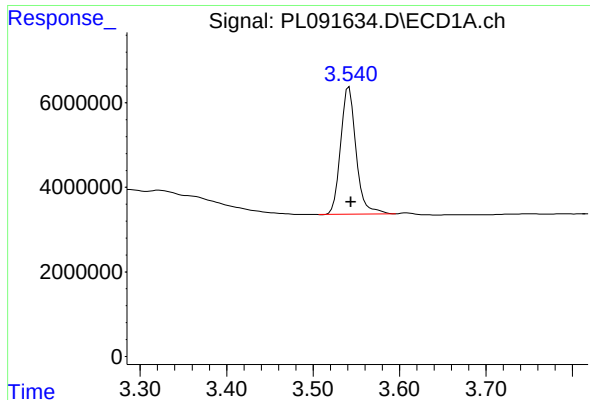
Manual Integrations
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Supervised By :Ankita Jodhani 09/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:07:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 19:26:36 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





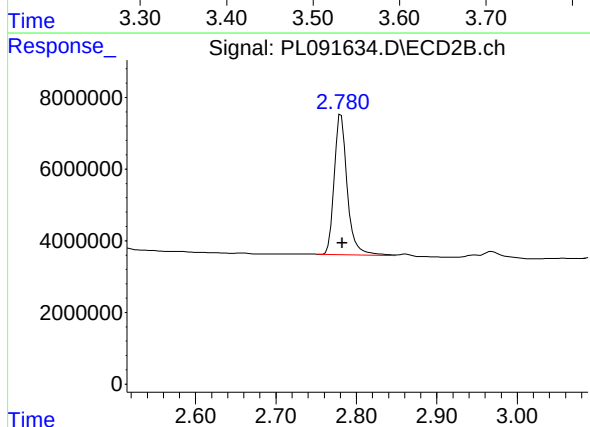
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 37029113
Conc: 23.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

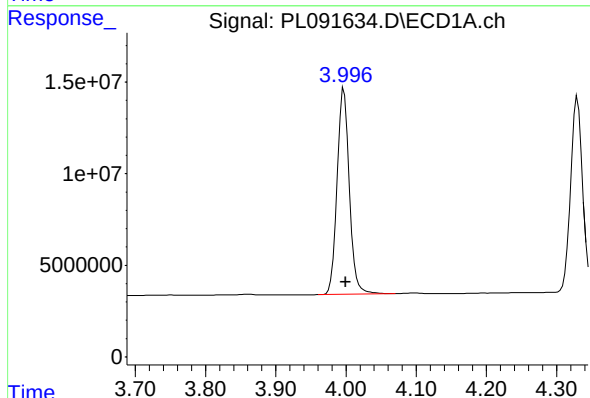
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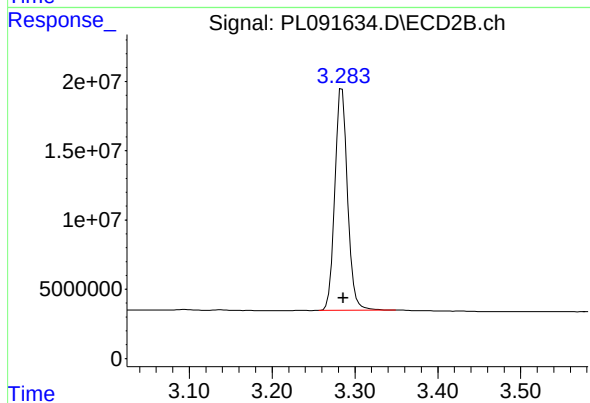
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.002 min
Response: 44100861
Conc: 23.58 ng/ml



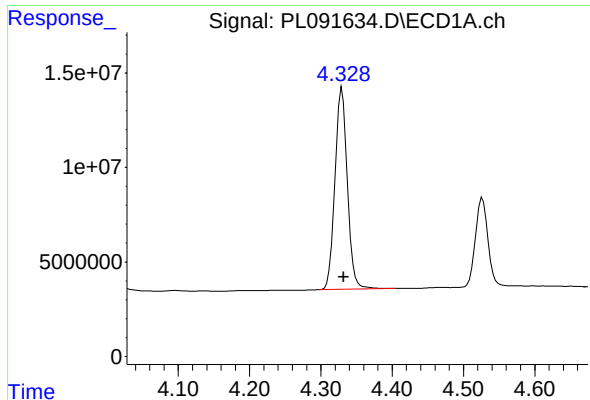
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 135843972
Conc: 62.89 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 170936569
Conc: 64.27 ng/ml



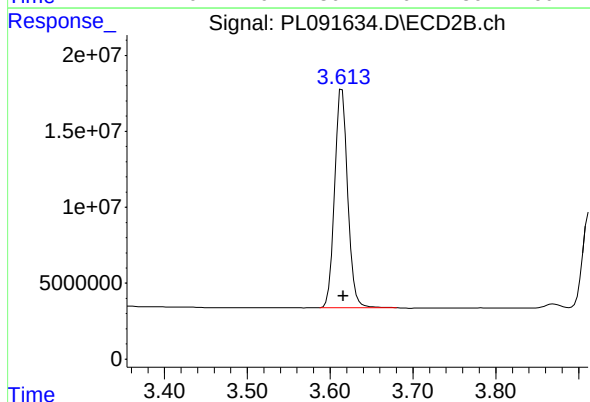
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 128996011
Conc: 62.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

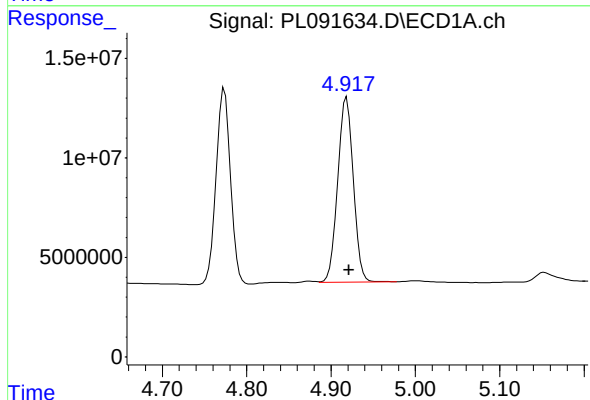
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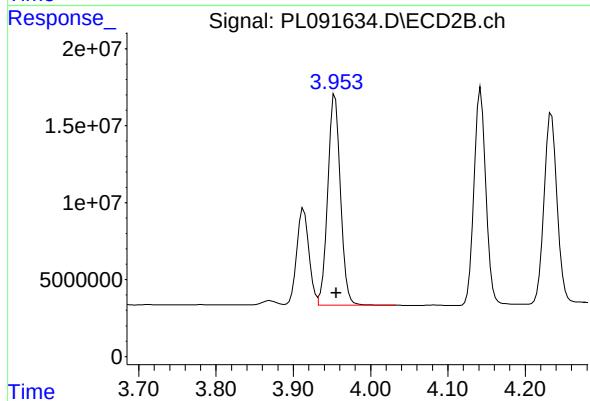
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 157646101
Conc: 64.10 ng/ml



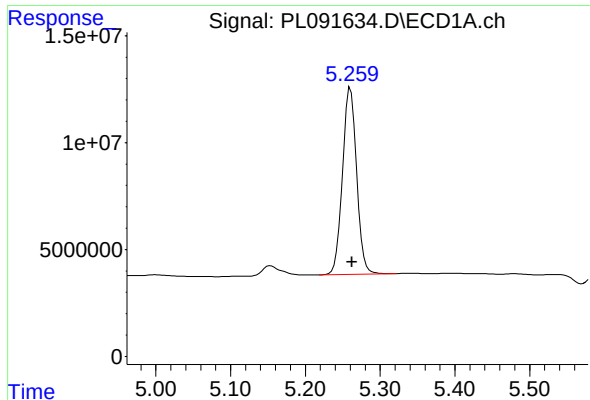
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 119300485
Conc: 63.69 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.002 min
Response: 156941932
Conc: 65.17 ng/ml



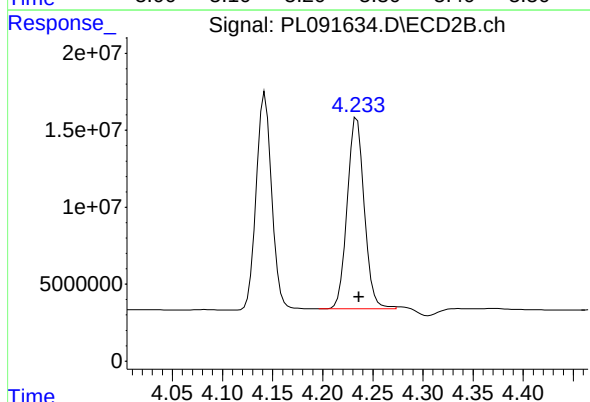
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 114929546
Conc: 61.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

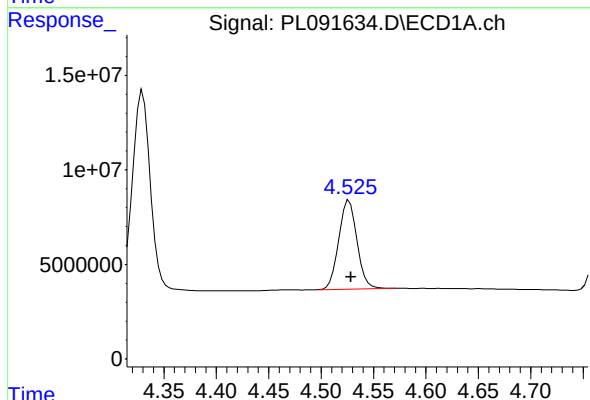
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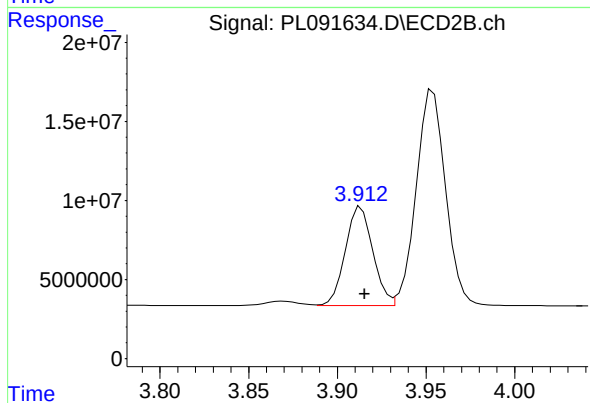
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.003 min
Response: 147623132
Conc: 64.70 ng/ml



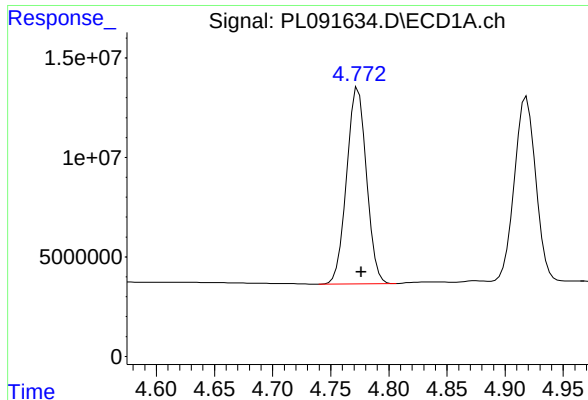
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 57161821
Conc: 62.81 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 67907729
Conc: 62.16 ng/ml



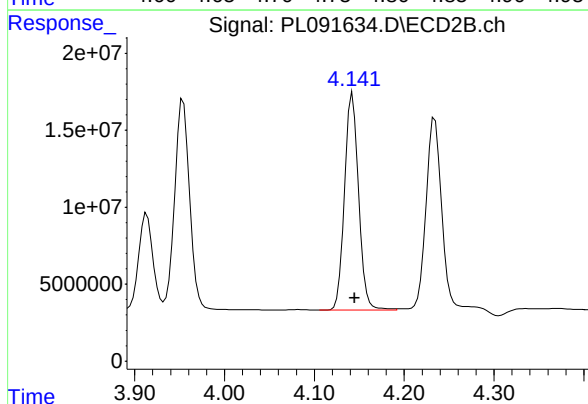
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.003 min
Response: 116644240
Conc: 60.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

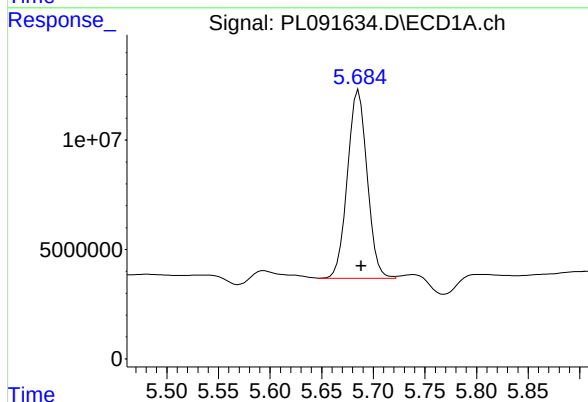
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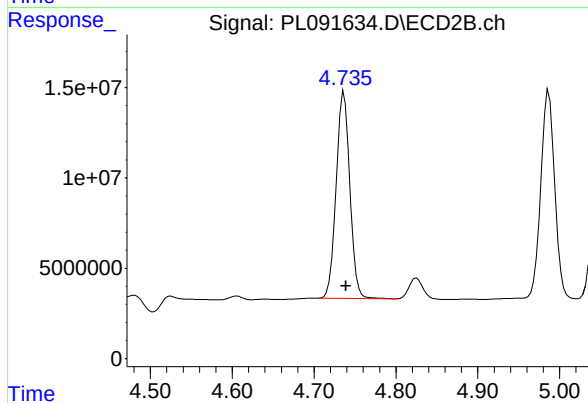
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 153523541
Conc: 66.73 ng/ml m



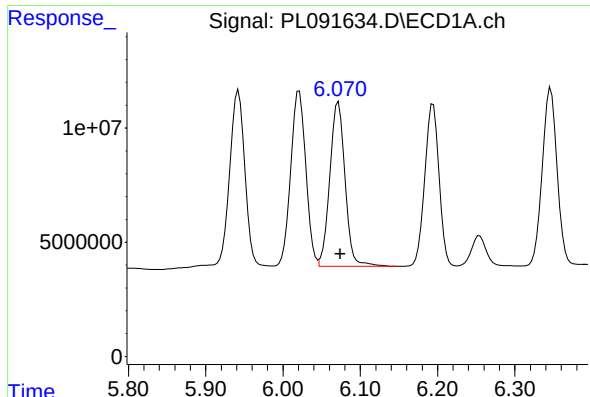
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 114741192
Conc: 68.76 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 133231446
Conc: 63.21 ng/ml



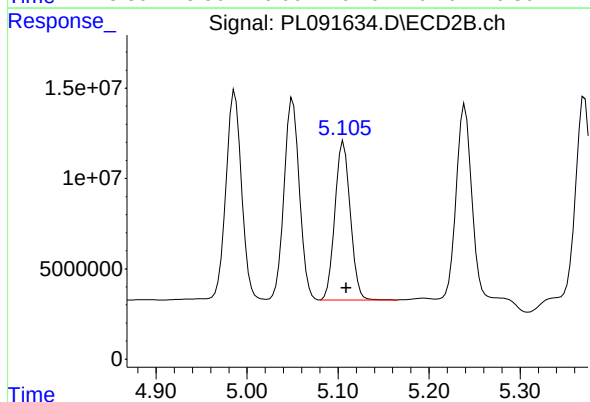
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 99288480
Conc: 63.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

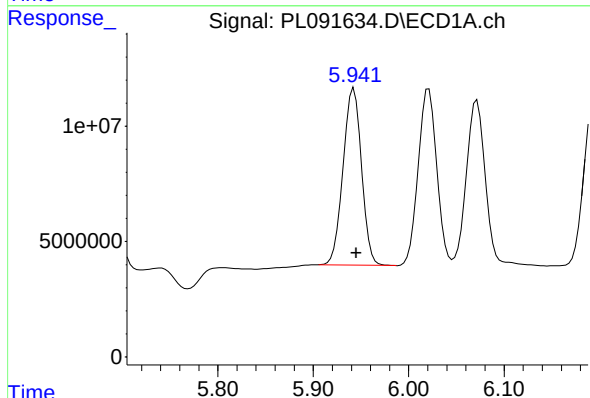
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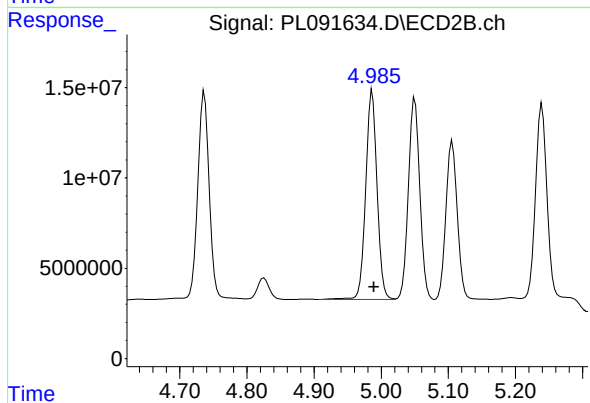
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.003 min
Response: 103075283
Conc: 53.43 ng/ml



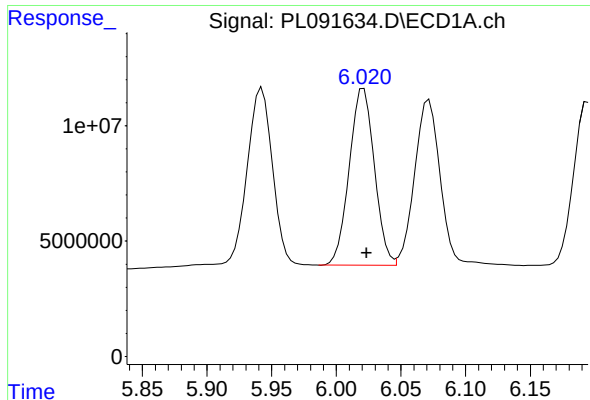
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 103494023
Conc: 61.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.003 min
Response: 138767271
Conc: 62.91 ng/ml



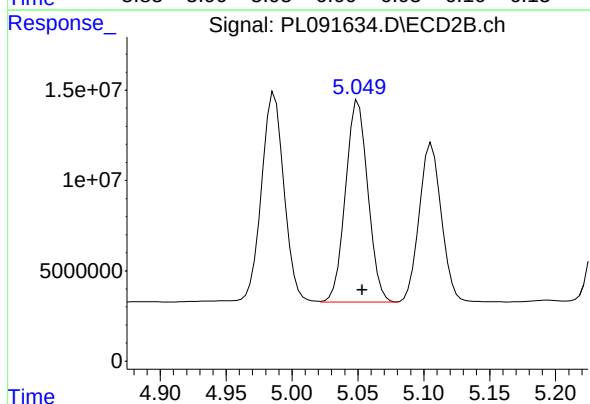
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 103478195
Conc: 64.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

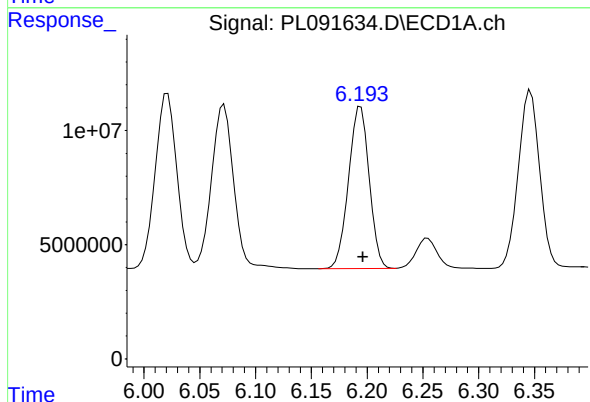
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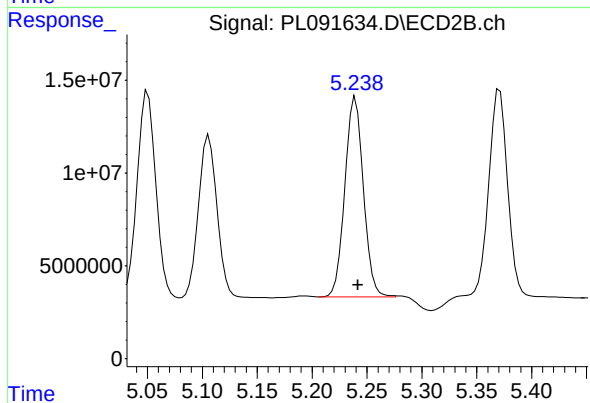
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 131490242
Conc: 63.55 ng/ml



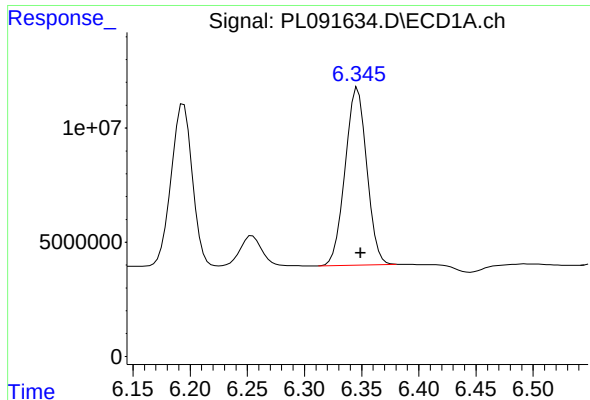
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 91400229
Conc: 62.66 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.004 min
Response: 126506712
Conc: 66.70 ng/ml m



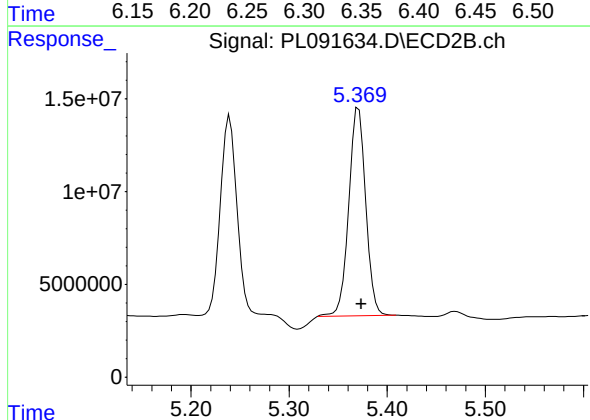
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 102880258
Conc: 63.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

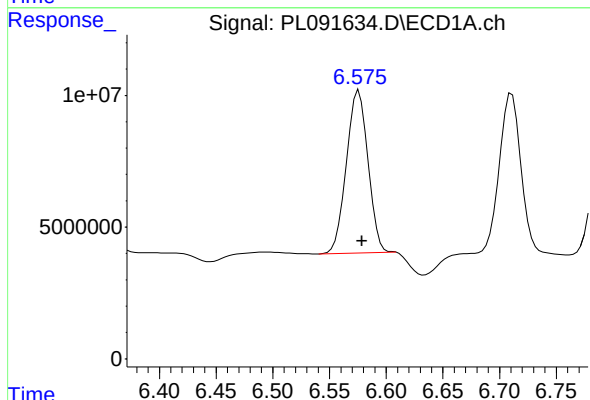
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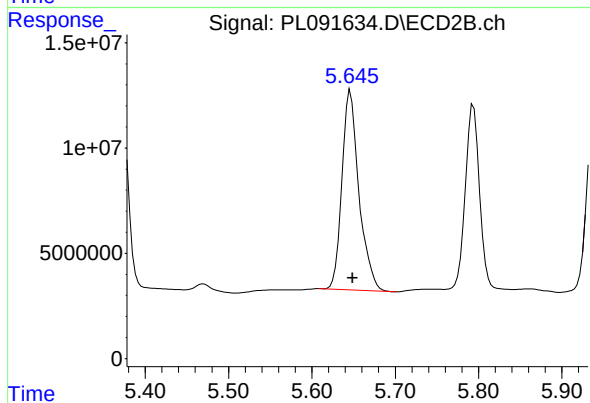
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 135061206
Conc: 65.71 ng/ml



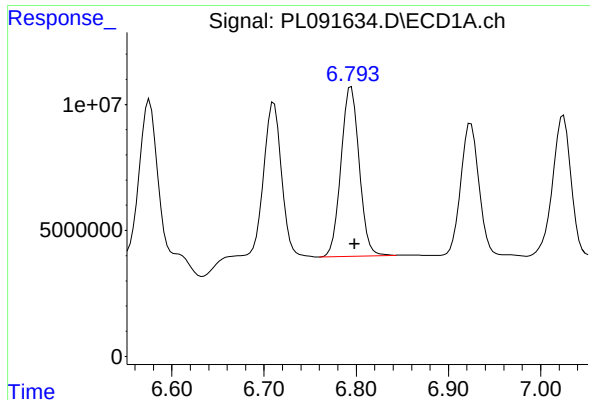
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 81925240
Conc: 61.61 ng/ml



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 134097542
Conc: 71.06 ng/ml



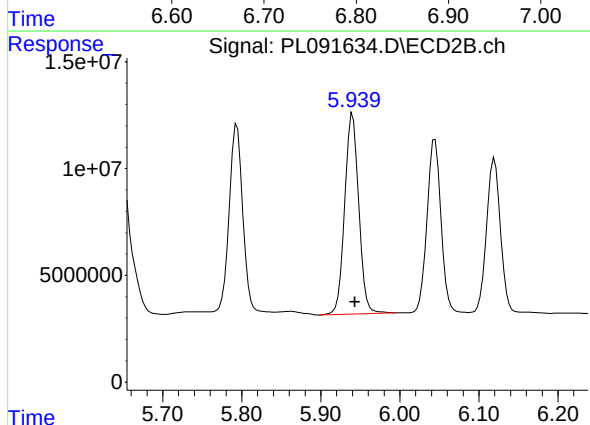
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: -0.004 min
Response: 92104433
Conc: 59.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

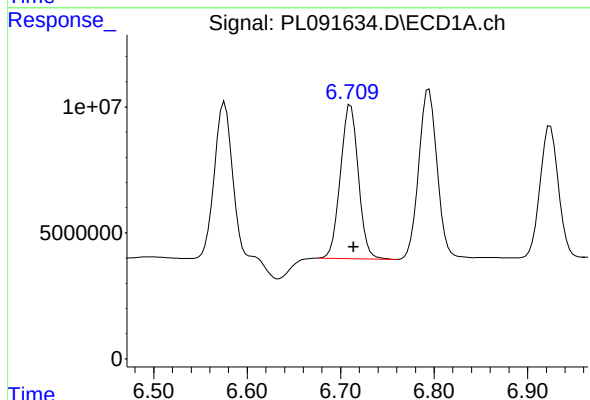
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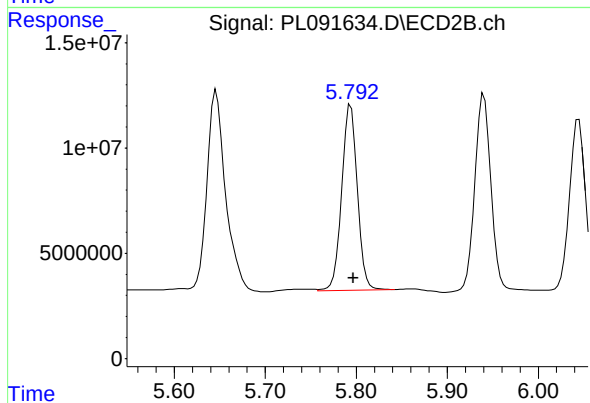
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: -0.004 min
Response: 116013248
Conc: 65.58 ng/ml m



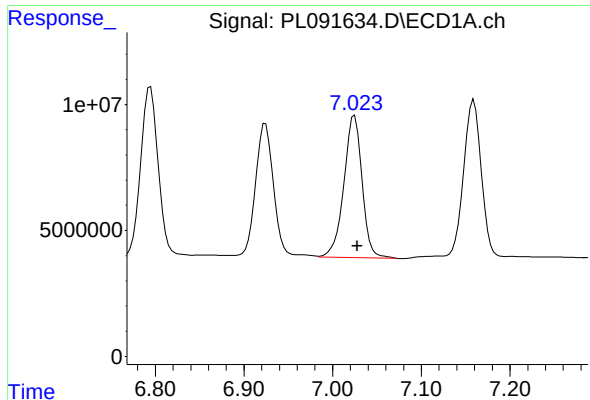
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 81603013
Conc: 64.38 ng/ml



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.003 min
Response: 105494790
Conc: 62.95 ng/ml



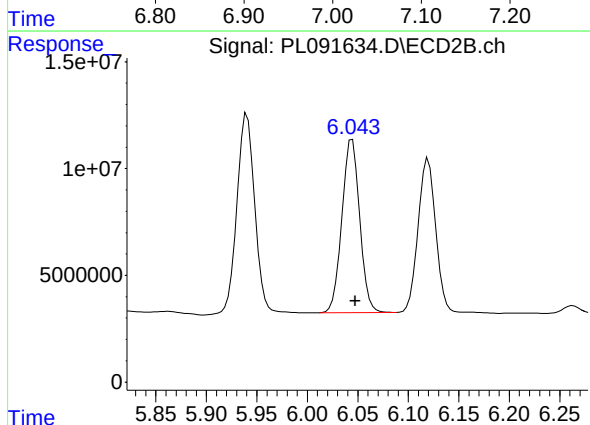
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 80203865
Conc: 61.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

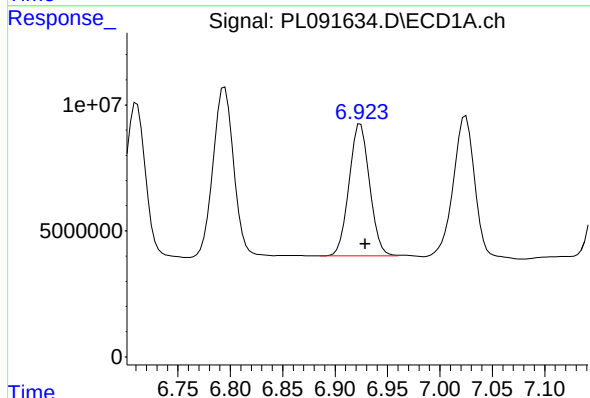
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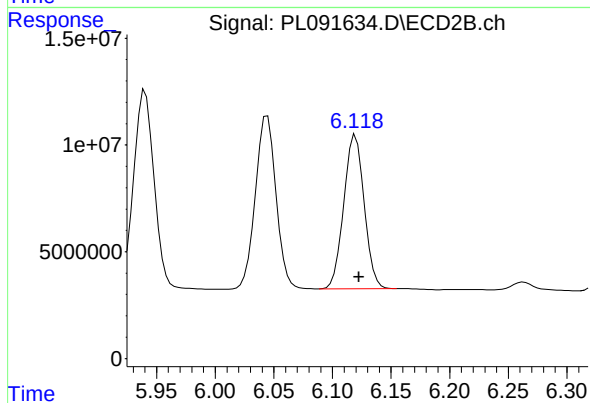
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.003 min
Response: 99565801
Conc: 61.97 ng/ml



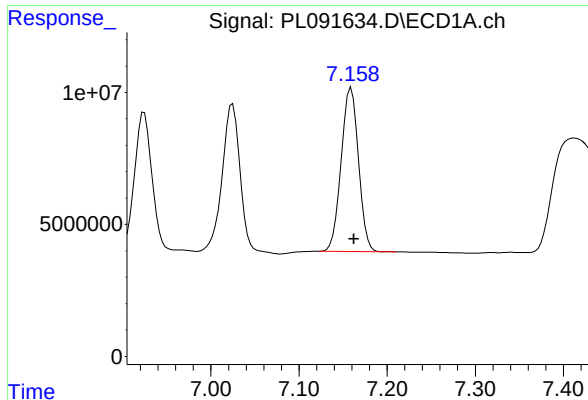
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.006 min
Response: 71919110
Conc: 60.53 ng/ml m



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 87240795
Conc: 63.82 ng/ml



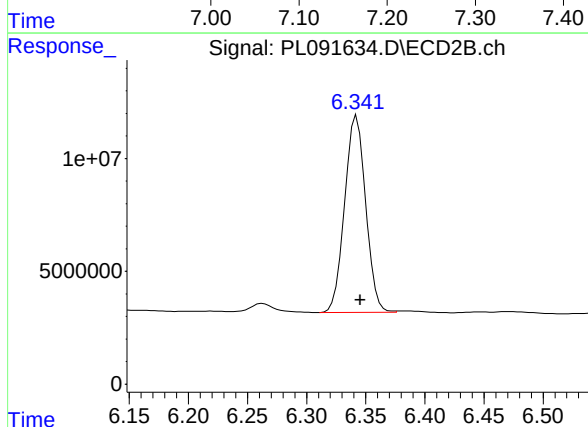
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 84877281
Conc: 60.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

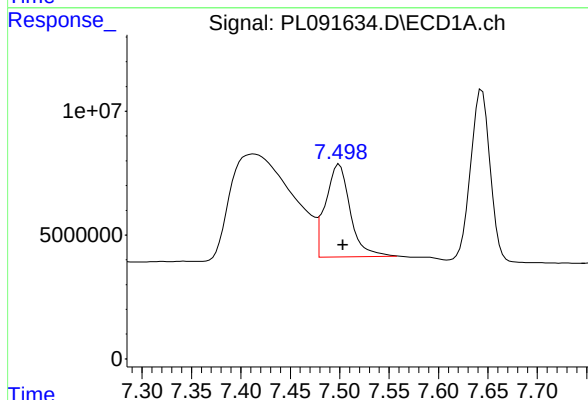
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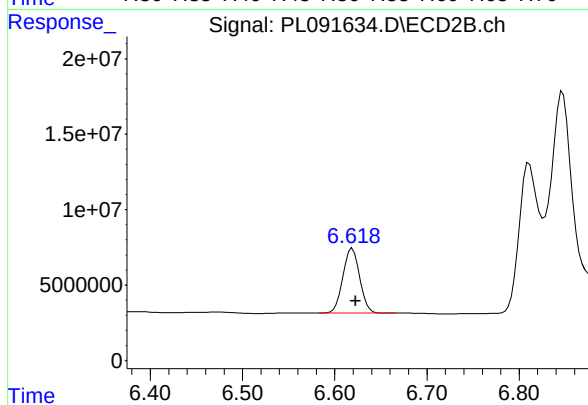
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.003 min
Response: 107984322
Conc: 62.92 ng/ml



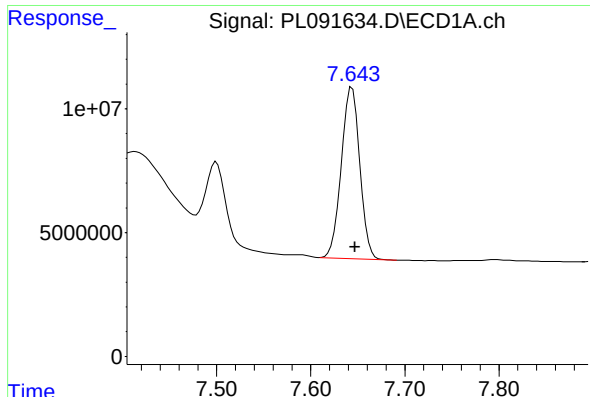
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.005 min
Response: 63264758
Conc: 93.52 ng/ml m



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 54384727
Conc: 61.40 ng/ml



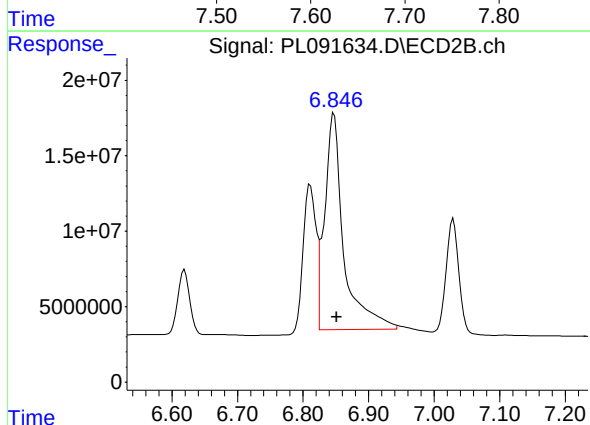
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.003 min
Response: 94452566
Conc: 61.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

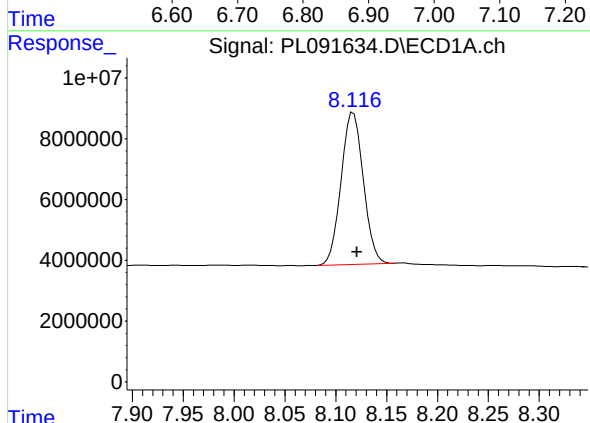
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2024
Supervised By :Ankita Jodhani 09/12/2024



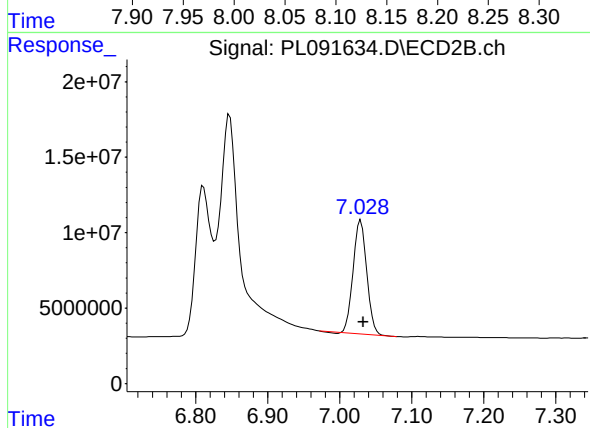
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.005 min
Response: 286110157
Conc: 142.24 ng/ml m



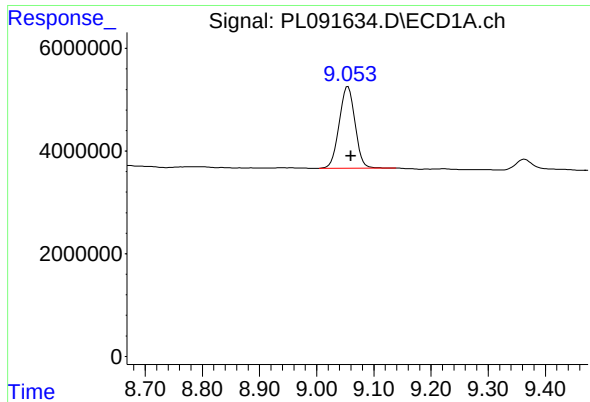
#22 Mirex

R.T.: 8.117 min
Delta R.T.: -0.003 min
Response: 76074118
Conc: 63.53 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.004 min
Response: 98537995
Conc: 55.57 ng/ml



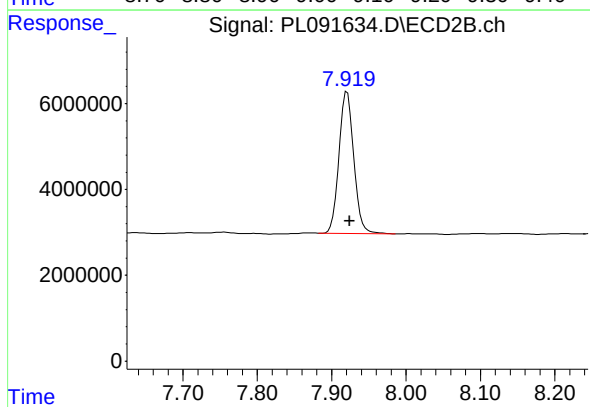
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: -0.006 min
Response: 30500913
Conc: 25.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

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#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.004 min
Response: 45753697
Conc: 24.78 ng/ml