

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081624\
 Data File : PL091136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2024 10:56
 Operator : AR\AJ
 Sample : PB162751BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162751BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/19/2024
 Supervised By : Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 11:51:06 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...	3.550	2.786	39093898	36046457	18.207	18.466
28) SA Decachlor...	9.063	7.930	30869016	35303312	20.248	18.638
Target Compounds						
2) A alpha-BHC	4.005	3.290	135.6E6	136.6E6	45.217	49.270
3) MA gamma-BHC...	4.337	3.621	129.2E6	129.6E6	45.043m	49.211
4) MA Heptachlor	4.927	3.961	118.5E6	123.3E6	44.517	47.724
5) MB Aldrin	5.269	4.241	116.8E6	120.6E6	45.256	49.035
6) B beta-BHC	4.534	3.919	60513868	56875559	44.747	48.320
7) B delta-BHC	4.782	4.149	123.6E6	126.5E6	45.402	49.907
8) B Heptachlo...	5.695	4.744	110.1E6	111.5E6	44.983	49.450
9) A Endosulfan I	6.080	5.114	101.3E6	104.5E6	45.131	49.532
10) B gamma-Chl...	5.951	4.994	110.3E6	116.4E6	45.644	49.222
11) B alpha-Chl...	6.029	5.058	108.5E6	115.2E6	45.055	48.959
12) B 4,4'-DDE	6.202	5.247	96190078	105.1E6	45.978	50.278
13) MA Dieldrin	6.355	5.378	106.3E6	113.2E6	45.121	49.683
14) MA Endrin	6.584	5.654	86301765	100.1E6	44.503	49.148
15) B Endosulfa...	6.803	5.948	92799158	98865265	45.857	51.101
16) A 4,4'-DDD	6.718	5.802	81777211	88001225	54.108	53.309
17) MA 4,4'-DDT	7.032	6.052	80806466	86175512	45.523	48.511
18) B Endrin al...	6.933	6.127	73580245	77501377	46.091	49.754
19) B Endosulfa...	7.167	6.350	87623419	94373229	45.669	48.949
20) A Methoxychlor	7.508	6.627	44282209	46345686	47.096	46.673
21) B Endrin ke...	7.650	6.856	96093199	106.3E6	45.765m	48.787
22) Mirex	8.125	7.037	75757134	86491068	44.533	46.340

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081624\
Data File : PL091136.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2024 10:56
Operator : AR\AJ
Sample : PB162751BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162751BS

Manual Integrations

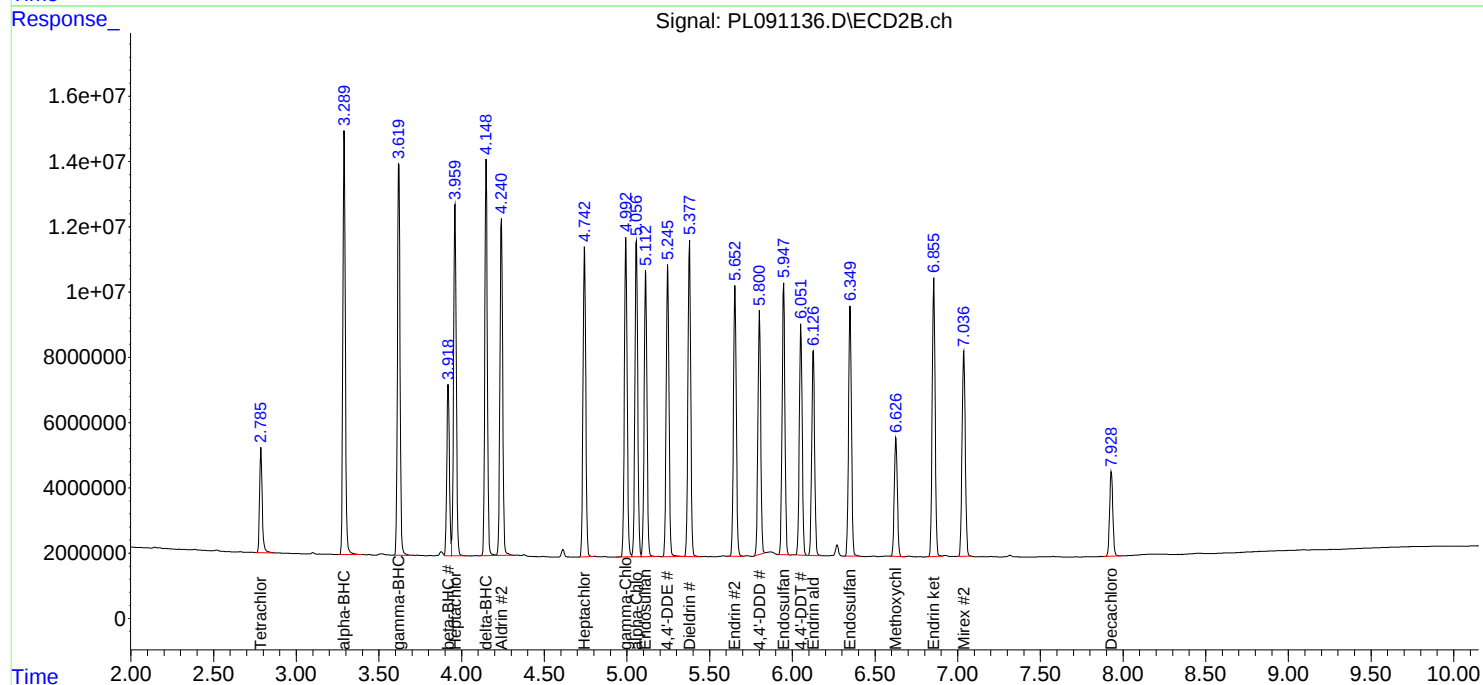
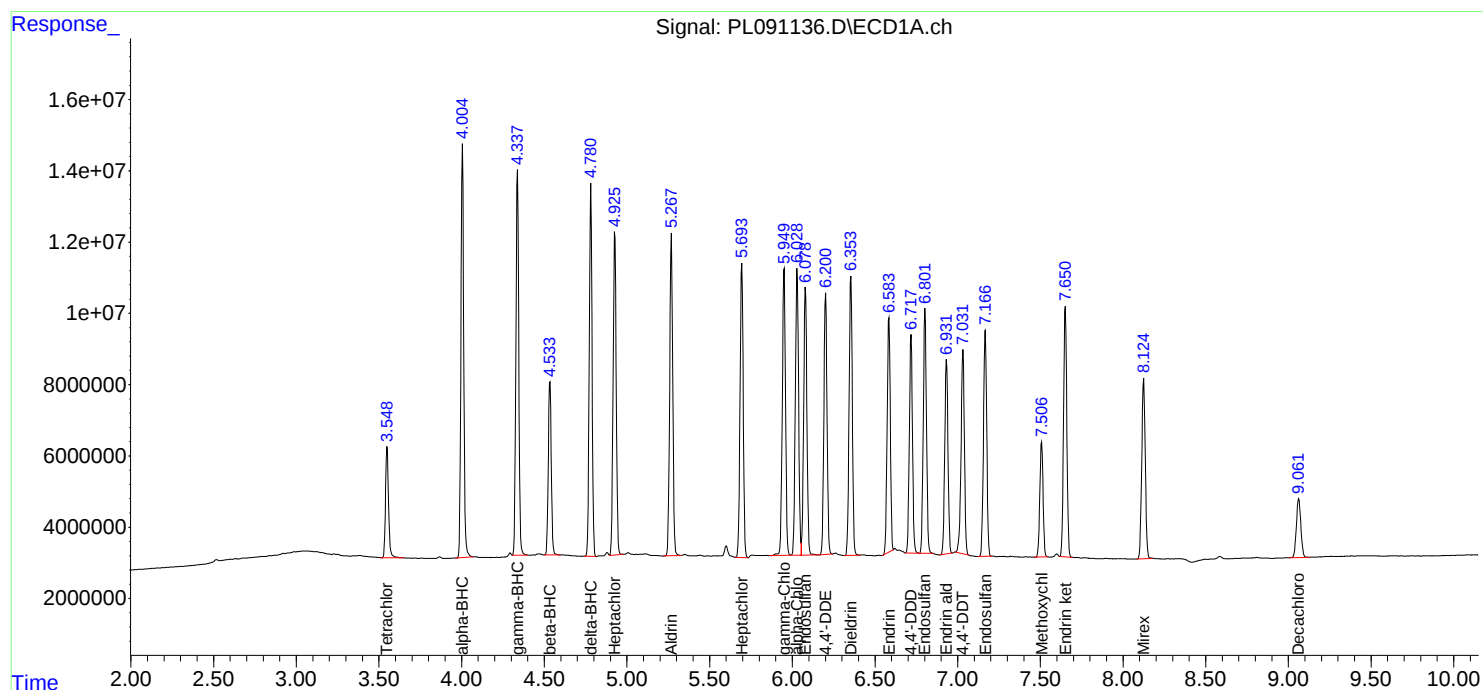
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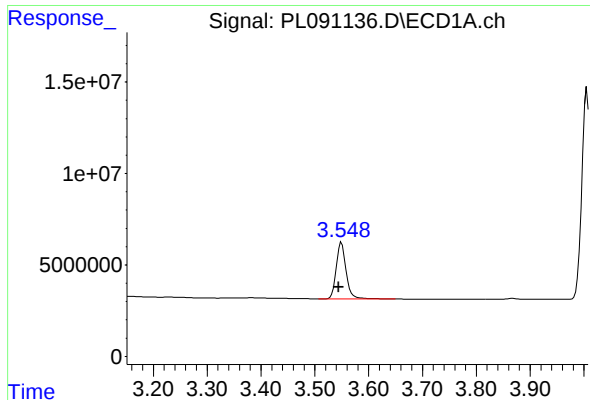
Reviewed By :Abdul Mirza 08/19/2024

Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 11:51:06 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





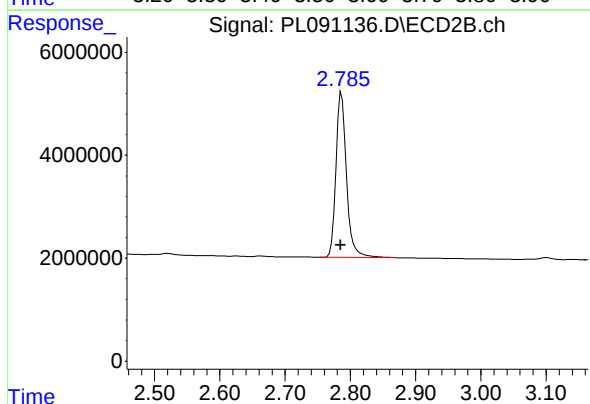
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.006 min
Response: 39093898
Conc: 18.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

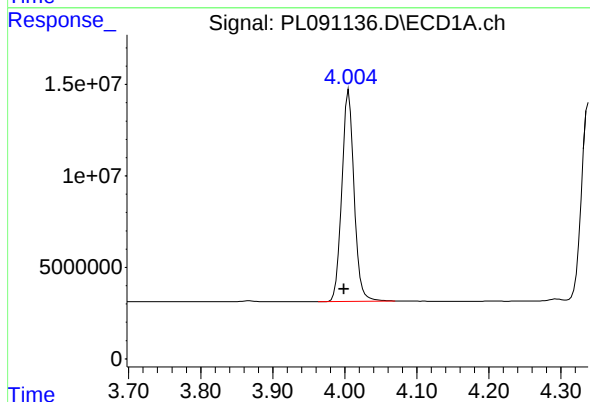
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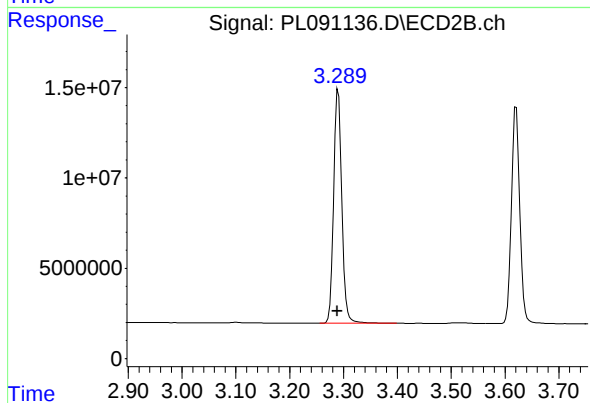
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.002 min
Response: 36046457
Conc: 18.47 ng/ml



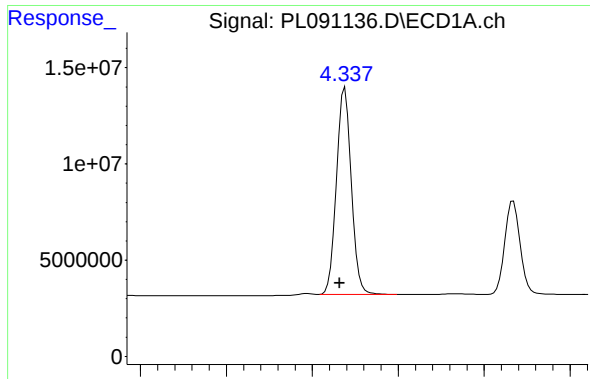
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.006 min
Response: 135550749
Conc: 45.22 ng/ml



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: 0.002 min
Response: 136648795
Conc: 49.27 ng/ml



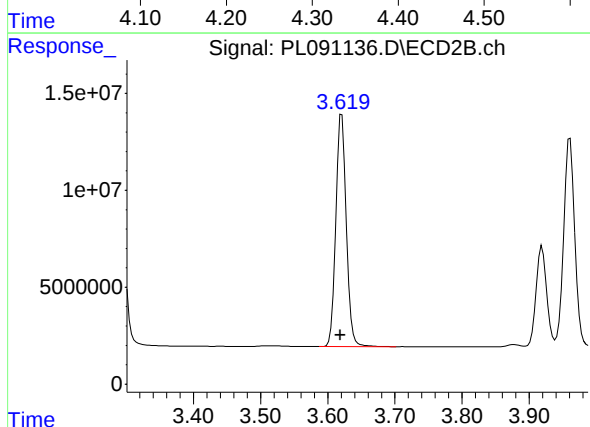
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.005 min
Response: 129212363
Conc: 45.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

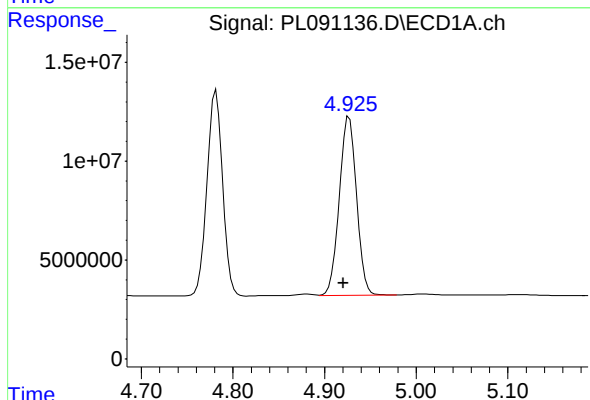
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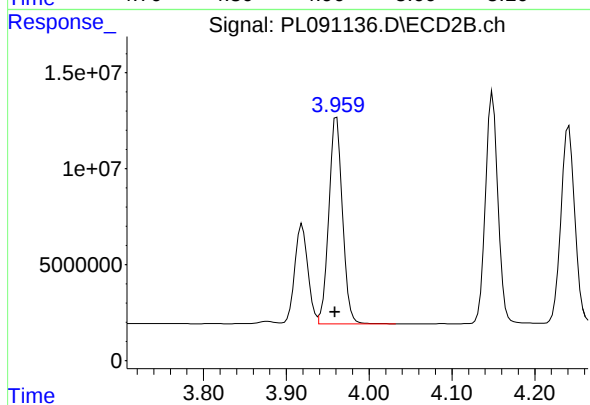
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: 0.002 min
Response: 129618297
Conc: 49.21 ng/ml



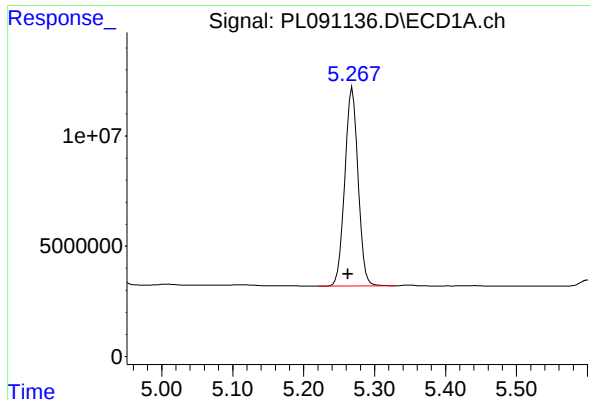
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.006 min
Response: 118548258
Conc: 44.52 ng/ml



#4 Heptachlor

R.T.: 3.961 min
Delta R.T.: 0.002 min
Response: 123257032
Conc: 47.72 ng/ml



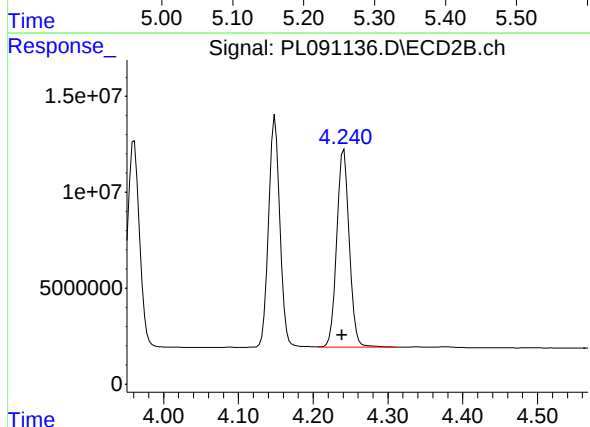
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.006 min
Response: 116799905
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

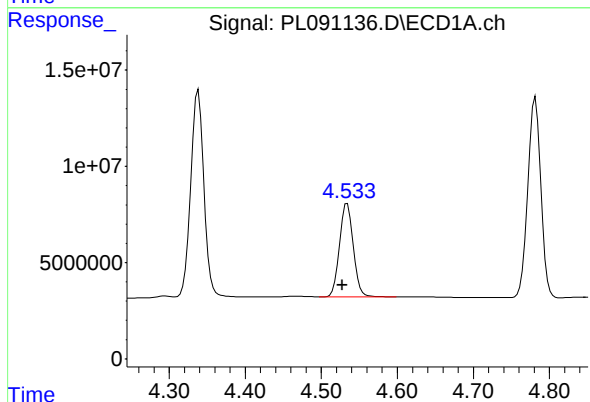
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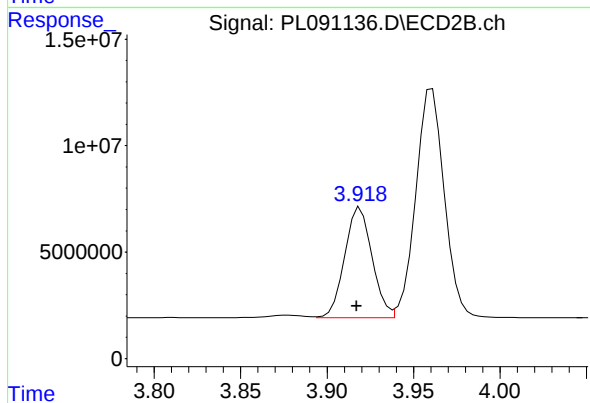
#5 Aldrin

R.T.: 4.241 min
Delta R.T.: 0.002 min
Response: 120585958
Conc: 49.04 ng/ml



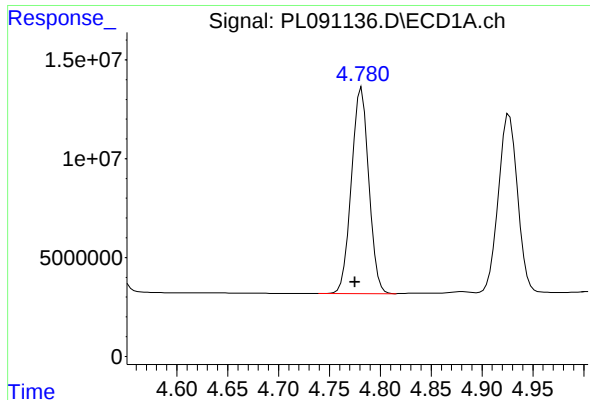
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.006 min
Response: 60513868
Conc: 44.75 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: 0.002 min
Response: 56875559
Conc: 48.32 ng/ml



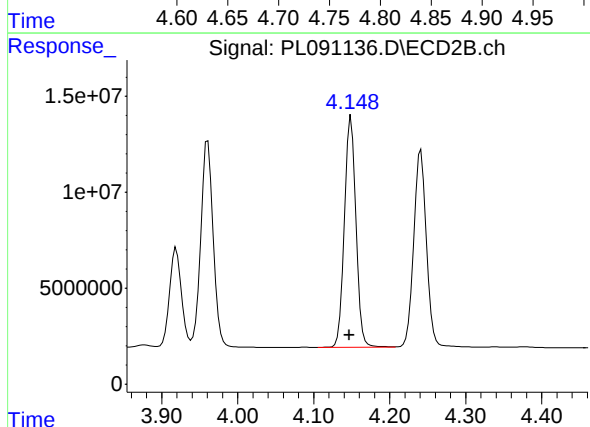
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.007 min
Response: 123606689
Conc: 45.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

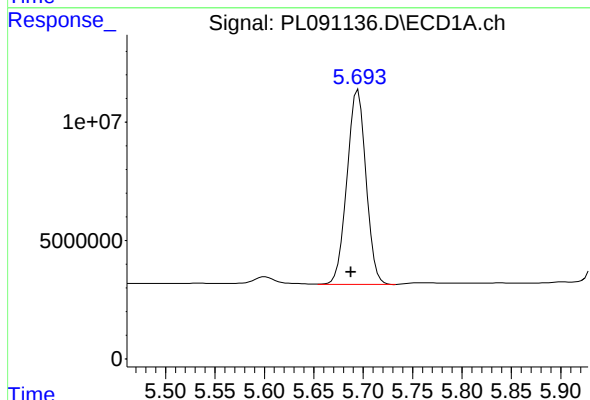
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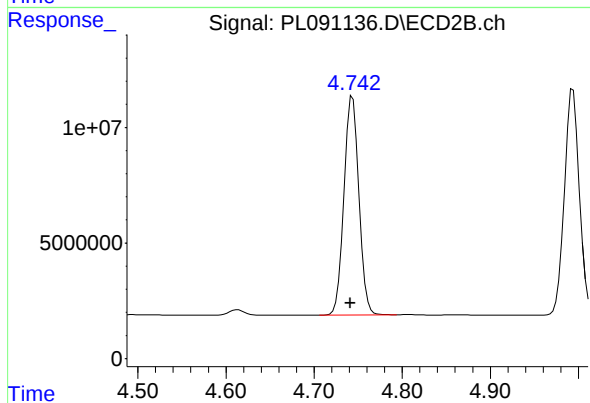
#7 delta-BHC

R.T.: 4.149 min
Delta R.T.: 0.002 min
Response: 126476076
Conc: 49.91 ng/ml



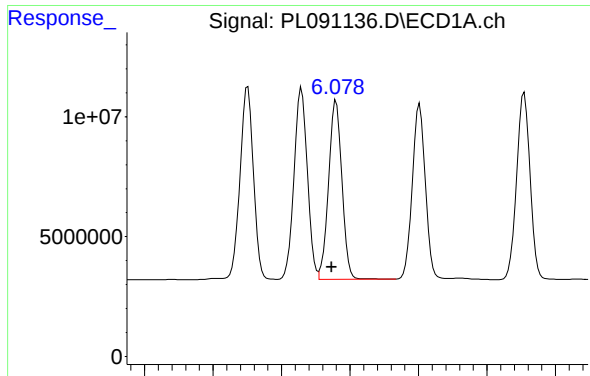
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.007 min
Response: 110053382
Conc: 44.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 111501654
Conc: 49.45 ng/ml



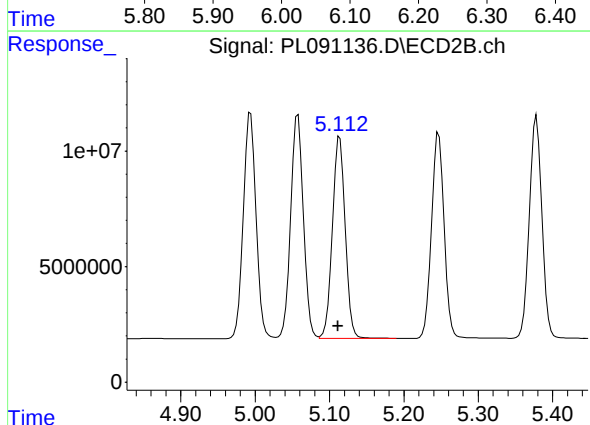
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.007 min
Response: 101334728
Conc: 45.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

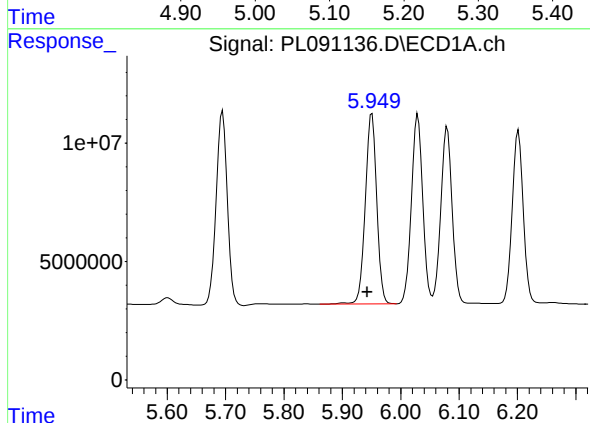
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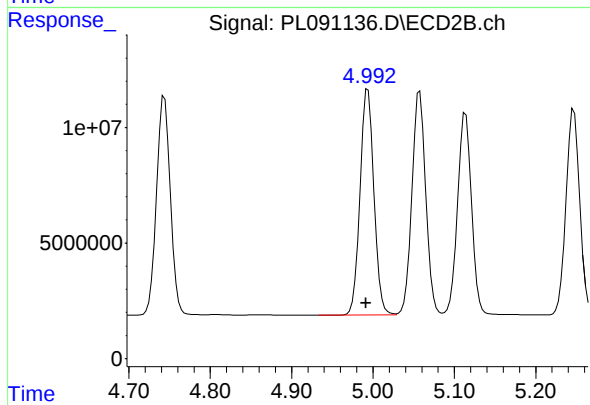
#9 Endosulfan I

R.T.: 5.114 min
Delta R.T.: 0.002 min
Response: 104521450
Conc: 49.53 ng/ml



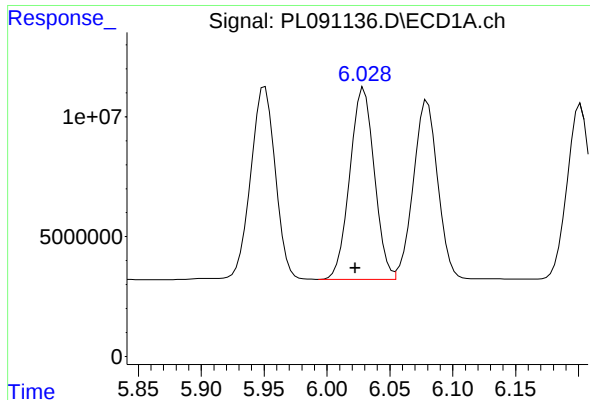
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.008 min
Response: 110295219
Conc: 45.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.994 min
Delta R.T.: 0.002 min
Response: 116358821
Conc: 49.22 ng/ml



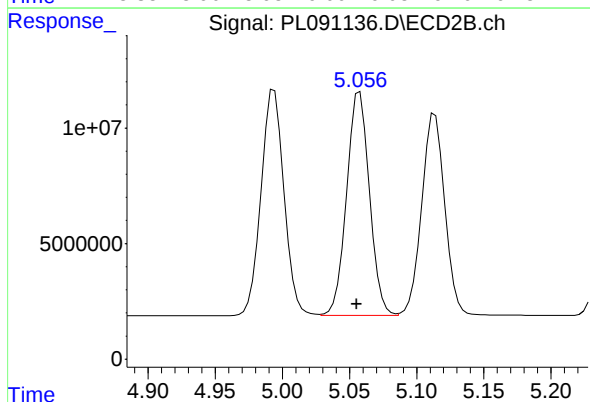
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.007 min
Response: 108479005
Conc: 45.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

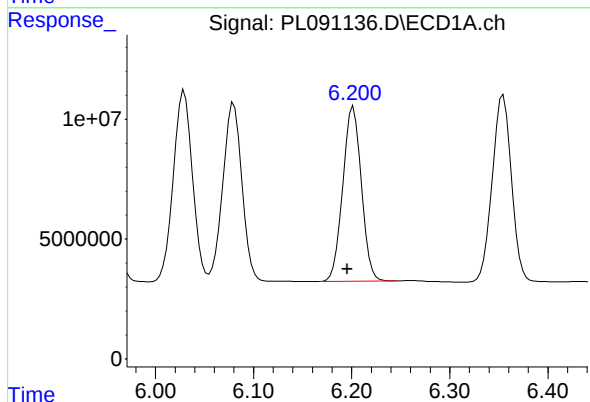
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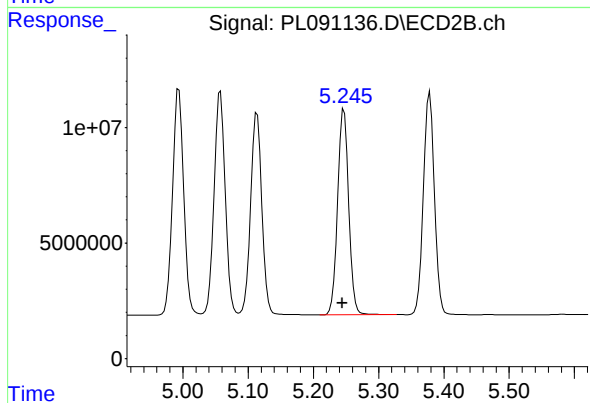
#11 alpha-Chlordane

R.T.: 5.058 min
Delta R.T.: 0.002 min
Response: 115178490
Conc: 48.96 ng/ml



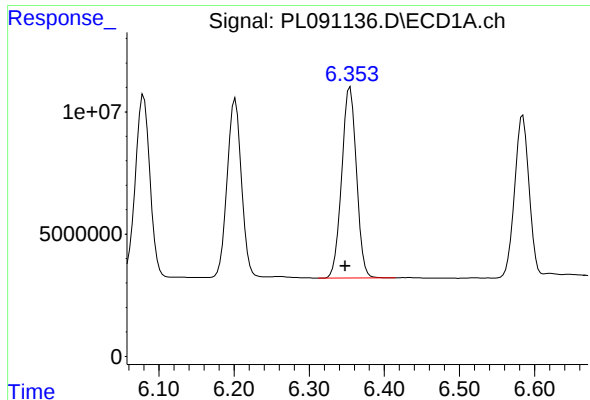
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.006 min
Response: 96190078
Conc: 45.98 ng/ml



#12 4,4'-DDE

R.T.: 5.247 min
Delta R.T.: 0.002 min
Response: 105050772
Conc: 50.28 ng/ml



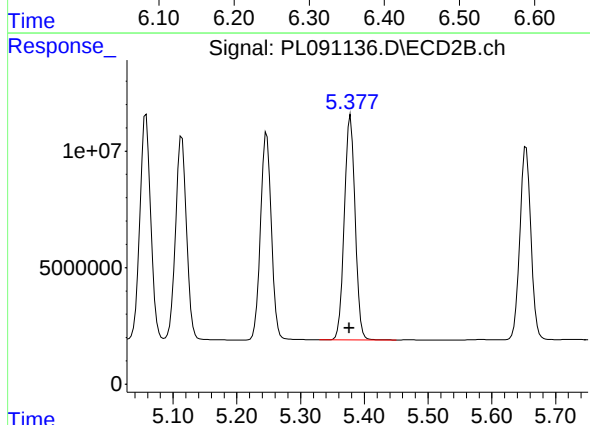
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.006 min
Response: 106270061
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

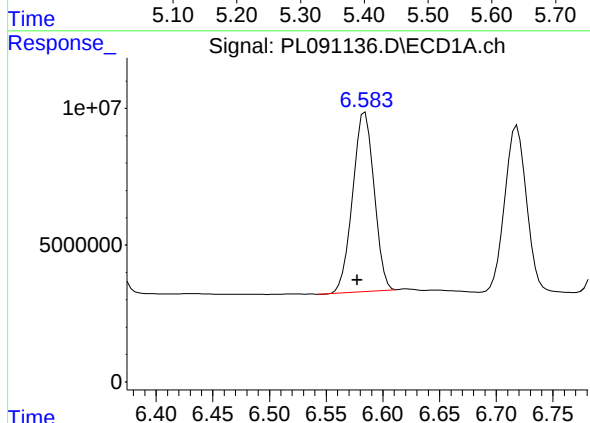
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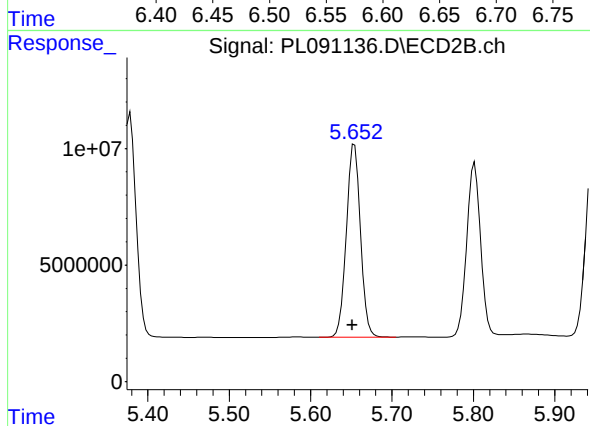
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: 0.002 min
Response: 113155193
Conc: 49.68 ng/ml



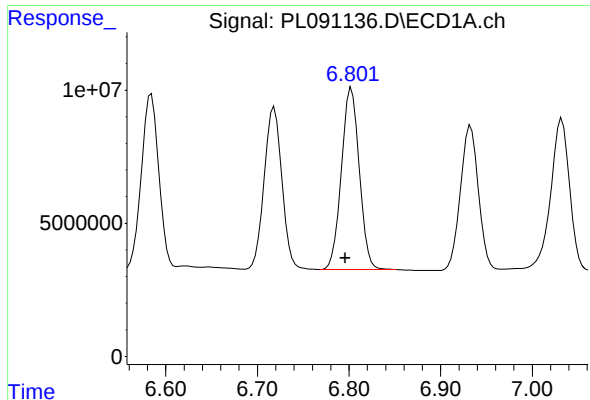
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.007 min
Response: 86301765
Conc: 44.50 ng/ml



#14 Endrin

R.T.: 5.654 min
Delta R.T.: 0.003 min
Response: 100121535
Conc: 49.15 ng/ml



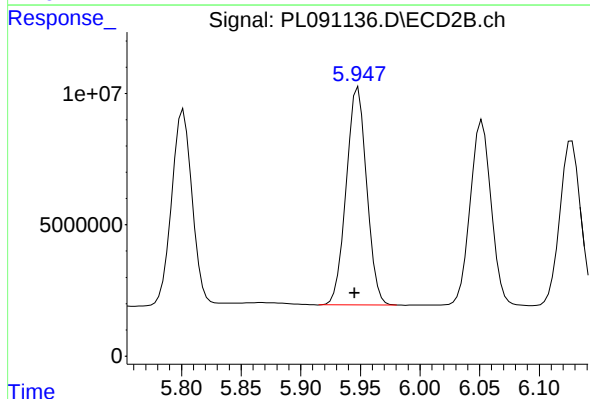
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.007 min
Response: 92799158
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

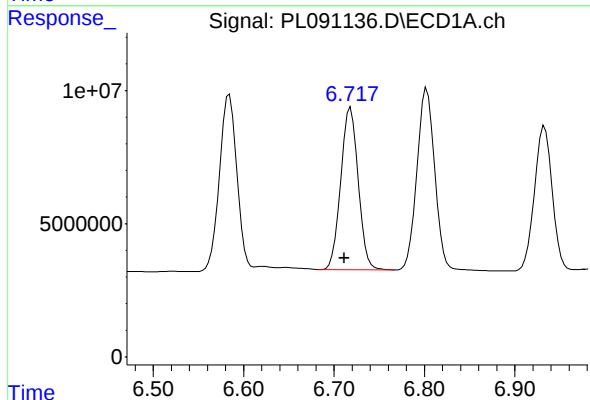
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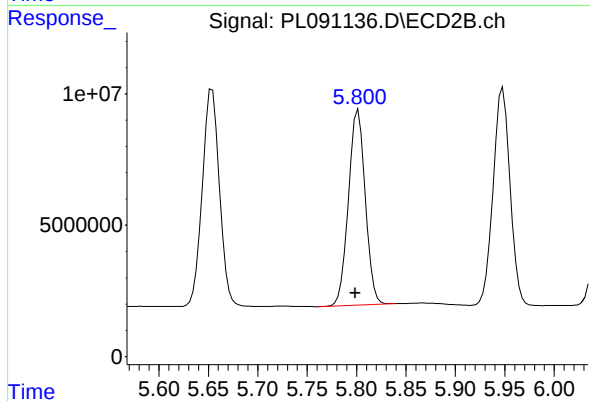
#15 Endosulfan II

R.T.: 5.948 min
Delta R.T.: 0.003 min
Response: 98865265
Conc: 51.10 ng/ml



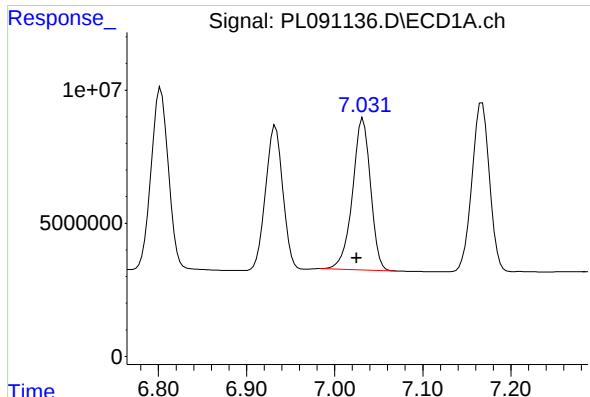
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.007 min
Response: 81777211
Conc: 54.11 ng/ml



#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: 0.003 min
Response: 88001225
Conc: 53.31 ng/ml



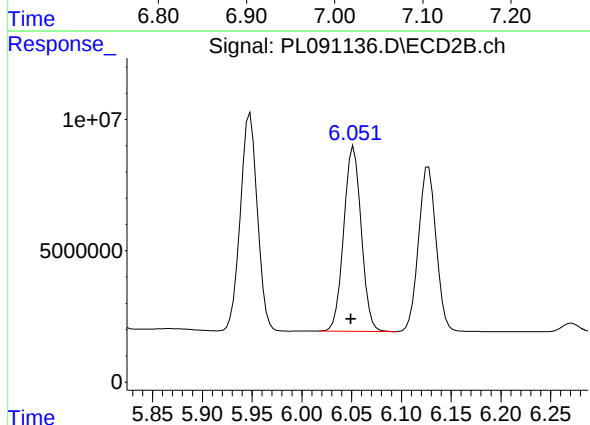
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.007 min
Response: 80806466
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

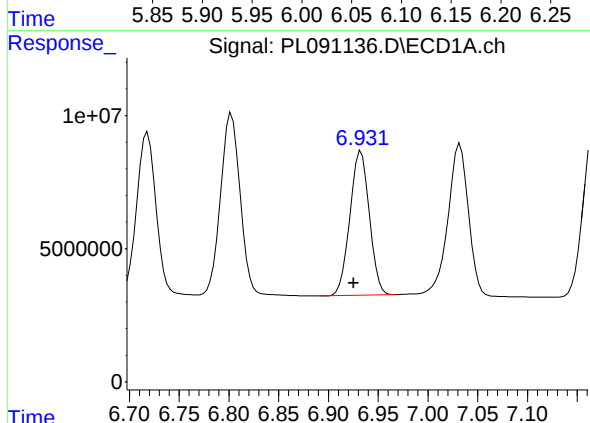
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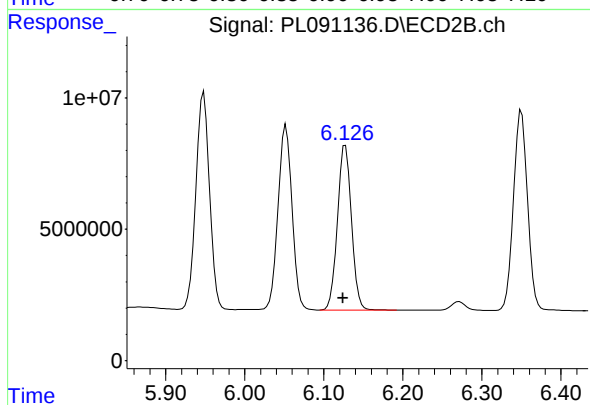
#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: 0.003 min
Response: 86175512
Conc: 48.51 ng/ml



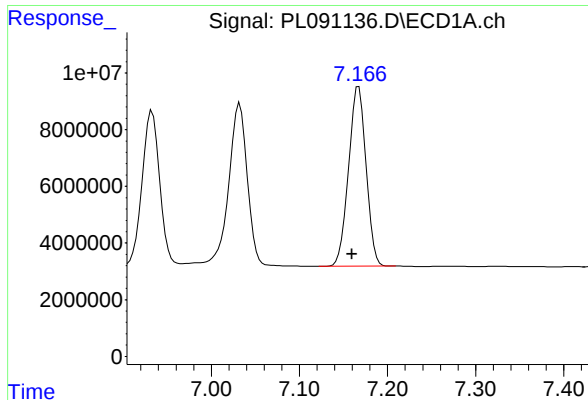
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.008 min
Response: 73580245
Conc: 46.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.127 min
Delta R.T.: 0.003 min
Response: 77501377
Conc: 49.75 ng/ml



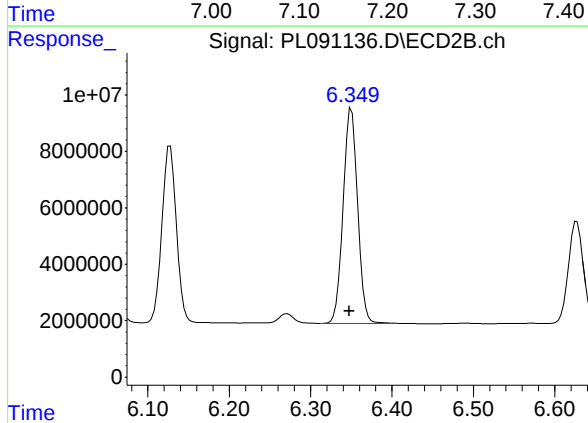
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.008 min
Response: 87623419
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

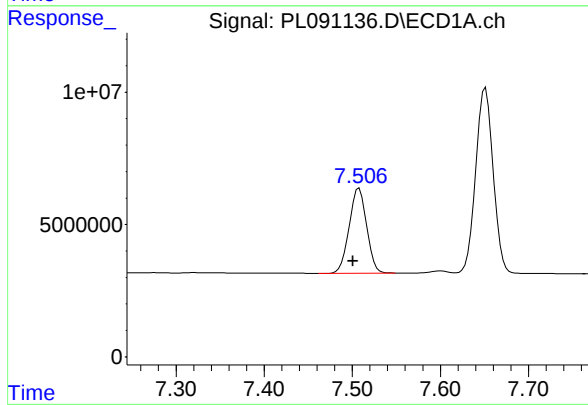
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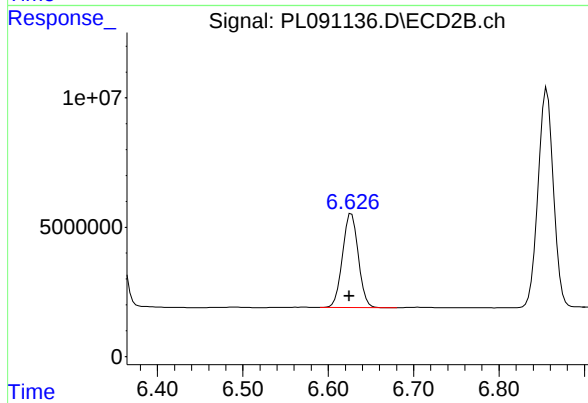
#19 Endosulfan Sulfate

R.T.: 6.350 min
Delta R.T.: 0.003 min
Response: 94373229
Conc: 48.95 ng/ml



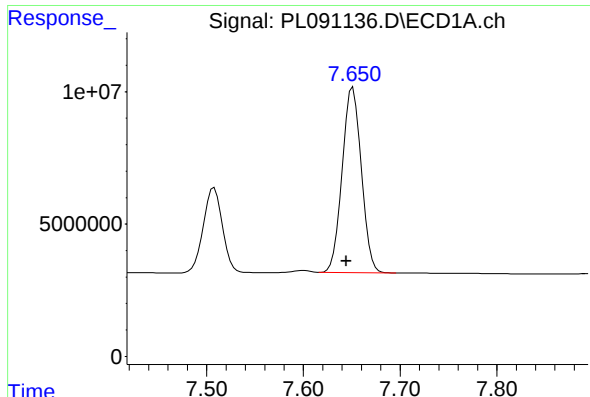
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.007 min
Response: 44282209
Conc: 47.10 ng/ml



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: 0.003 min
Response: 46345686
Conc: 46.67 ng/ml



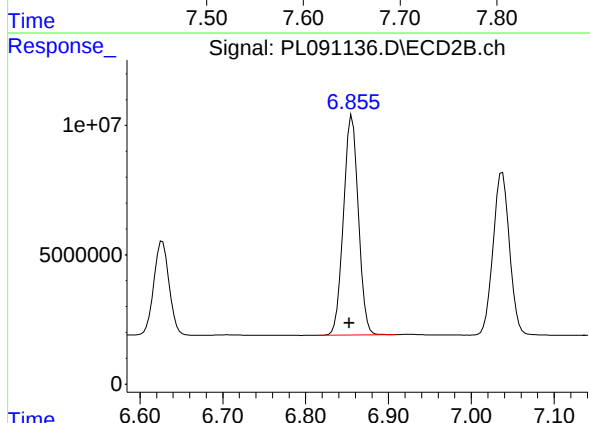
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.005 min
Response: 96093199
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

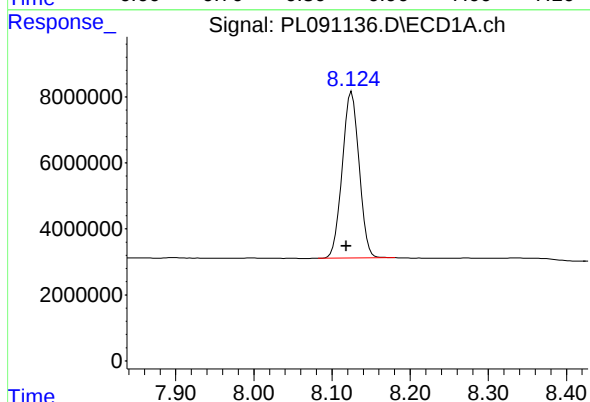
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



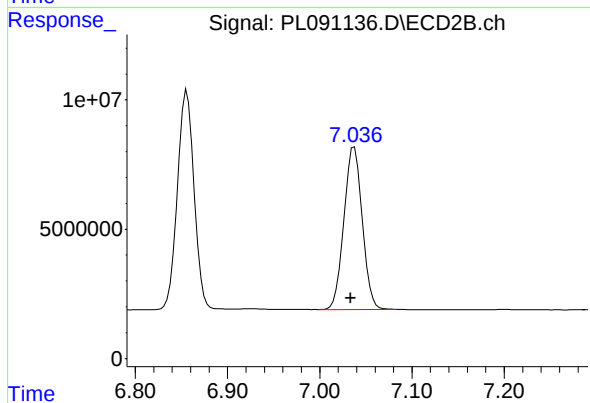
#21 Endrin ketone

R.T.: 6.856 min
Delta R.T.: 0.003 min
Response: 106257059
Conc: 48.79 ng/ml



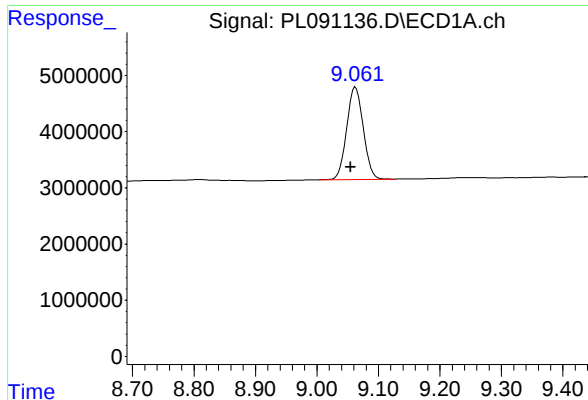
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.007 min
Response: 75757134
Conc: 44.53 ng/ml



#22 Mirex

R.T.: 7.037 min
Delta R.T.: 0.004 min
Response: 86491068
Conc: 46.34 ng/ml



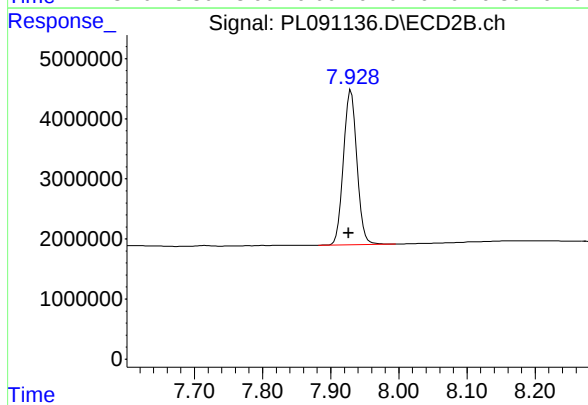
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.007 min
Response: 30869016
Conc: 20.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162751BS

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#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: 0.004 min
Response: 35303312
Conc: 18.64 ng/ml