

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032124\
 Data File : PL088706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2024 11:36
 Operator : AR\AJ
 Sample : PEST-SPIKE50PPB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEST-SPIKE50PPB

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 23:13:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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
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System Monitoring Compounds

Target Compounds						
2) A	alpha-BHC	4.109	3.369	207.8E6	97373752	52.057 48.458
3) MA	gamma-BHC...	4.447	3.706	195.9E6	91594330	50.506 47.727
4) MA	Heptachlor	5.048	4.055	191.7E6	87719055	50.494 48.740
5) MB	Aldrin	5.395	4.340	183.5E6	85493837	50.066 47.311
6) B	beta-BHC	4.645	4.008	86831427	40955094	48.962 47.775
7) B	delta-BHC	4.897	4.243	192.1E6	89012746	47.700 46.529
8) B	Heptachlo...	5.827	4.851	173.5E6	79701916	50.514 48.466
9) A	Endosulfan I	6.218	5.228	156.9E6	75288082	51.329 50.084
10) B	gamma-Chl...	6.087	5.106	176.9E6	83433994	53.108 50.373
11) B	alpha-Chl...	6.166	5.171	174.2E6	82866017	52.392 49.921
12) B	4,4'-DDE	6.341	5.364	153.9E6	74867583	51.512 51.329
13) MA	Dieldrin	6.497	5.497	166.2E6	81040644	51.268 49.897
14) MA	Endrin	6.729	5.776	123.4E6	65131478	45.146 45.185
15) B	Endosulfa...	6.950	6.074	144.4E6	72208765	50.400 50.219
16) A	4,4'-DDD	6.865	5.927	132.4E6	67591088	52.005 54.274
17) MA	4,4'-DDT	7.183	6.182	122.4E6	61340982	45.903 45.702
18) B	Endrin al...	7.081	6.256	107.0E6	54390336	51.248 51.902
19) B	Endosulfa...	7.318	6.482	136.5E6	69316857	49.425 49.960
20) A	Methoxychlor	7.661	6.766	63043860	34022626	41.848m 42.418
21) B	Endrin ke...	7.809	6.995	154.3E6	86900214	52.182 52.644
22)	Mirex	8.291	7.181	118.5E6	66457496	50.541 49.285

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032124\
Data File : PL088706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2024 11:36
Operator : AR\AJ
Sample : PEST-SPIKE50PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

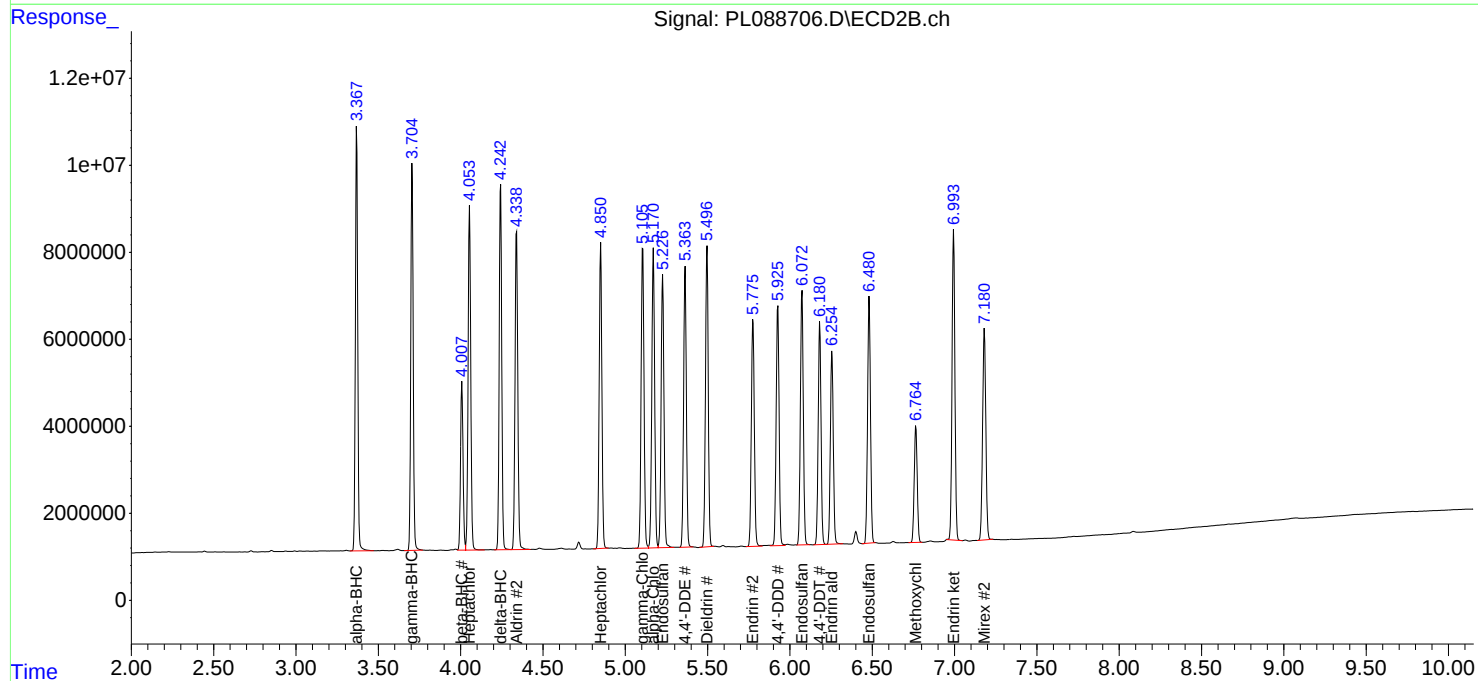
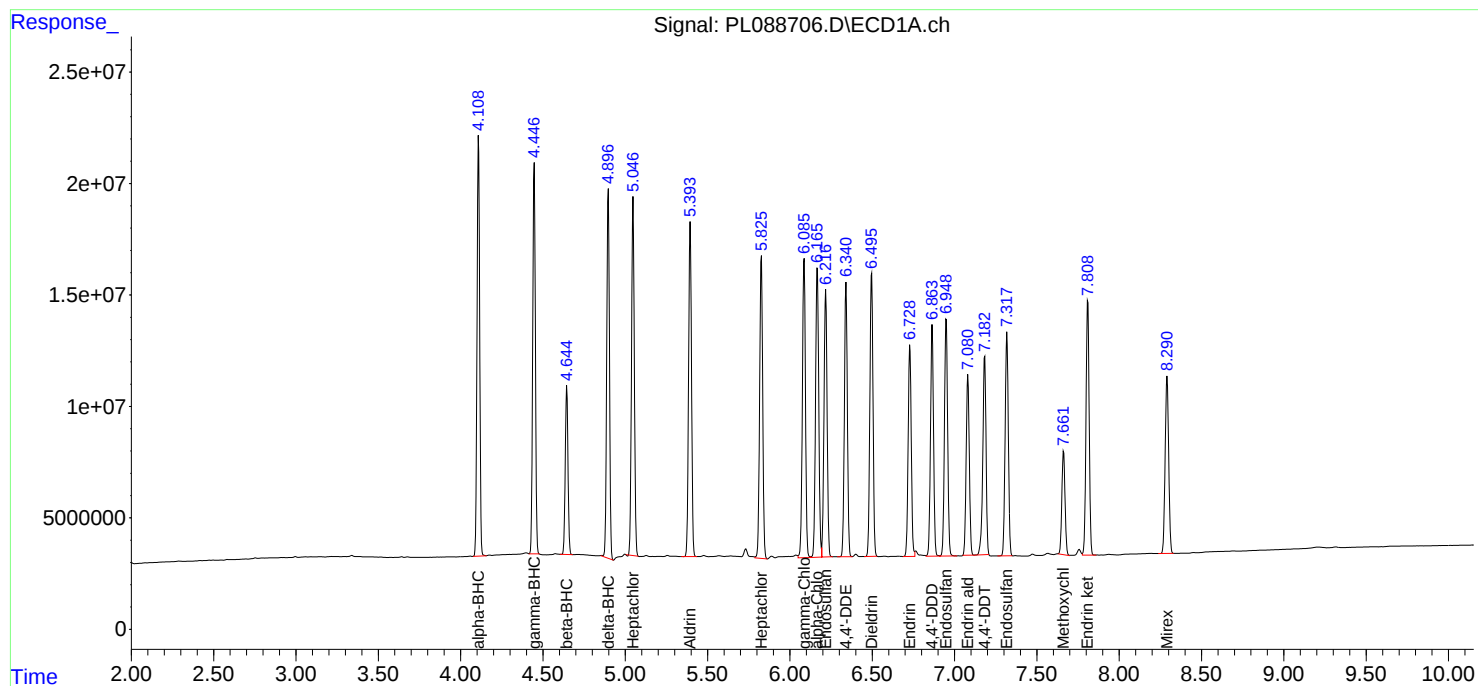
Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

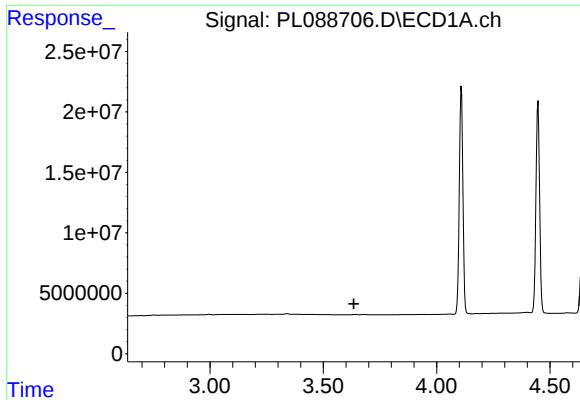
Manual Integrations
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Supervised By :Ankita Jodhani 03/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 23:13:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 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





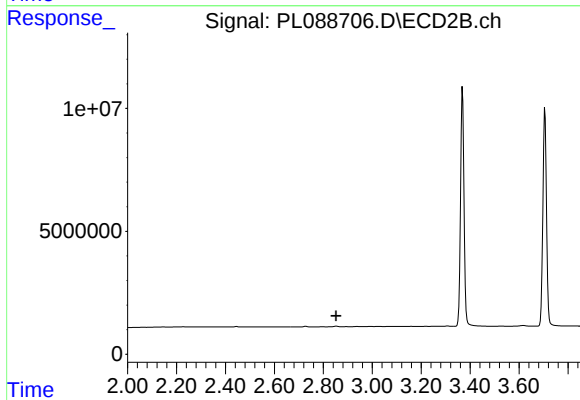
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 3.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

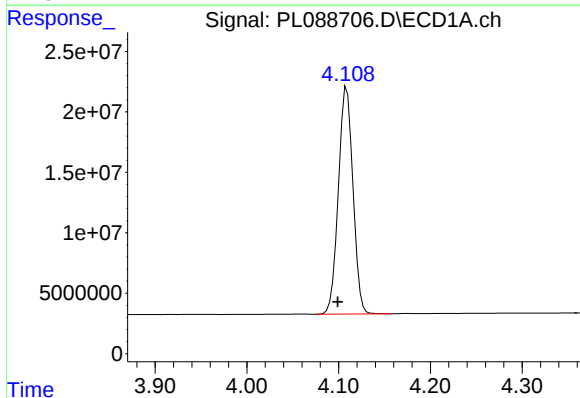
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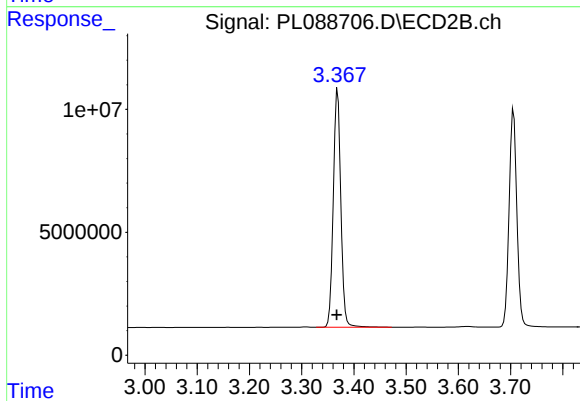
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 2.852 min
Response: 0
Conc: N.D.



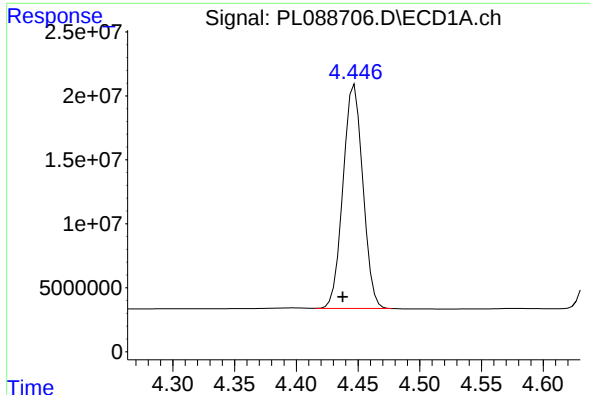
#2 alpha-BHC

R.T.: 4.109 min
Delta R.T.: 0.010 min
Response: 207795534
Conc: 52.06 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.002 min
Response: 97373752
Conc: 48.46 ng/ml



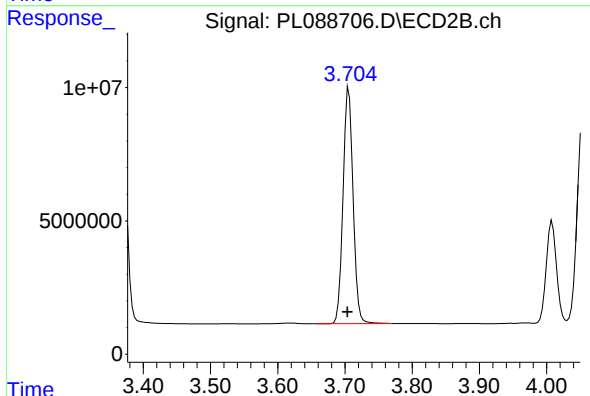
#3 gamma-BHC (Lindane)

R.T.: 4.447 min
Delta R.T.: 0.009 min
Response: 195872700
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

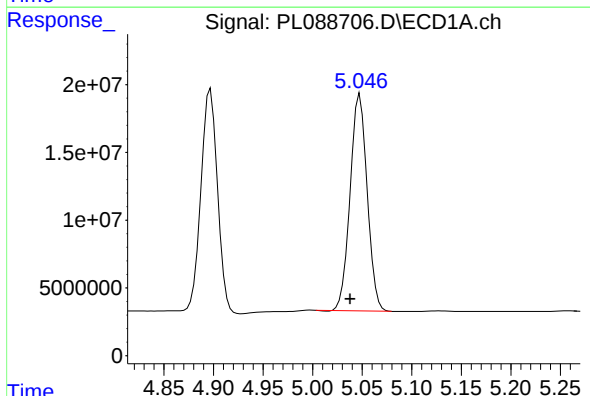
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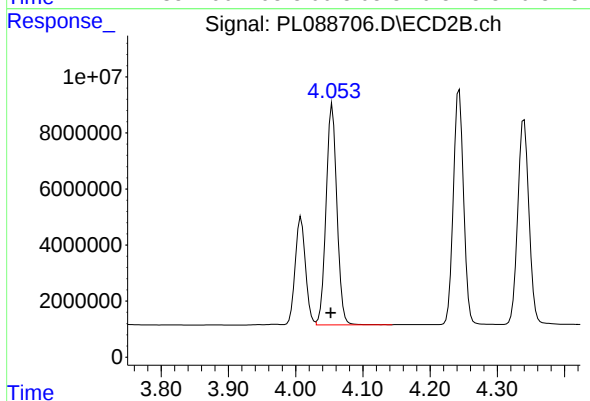
#3 gamma-BHC (Lindane)

R.T.: 3.706 min
Delta R.T.: 0.002 min
Response: 91594330
Conc: 47.73 ng/ml



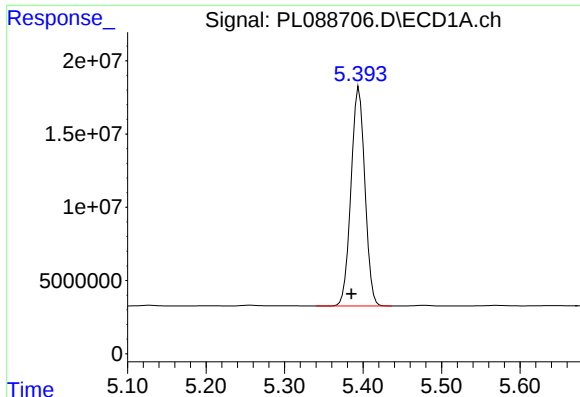
#4 Heptachlor

R.T.: 5.048 min
Delta R.T.: 0.010 min
Response: 191747626
Conc: 50.49 ng/ml



#4 Heptachlor

R.T.: 4.055 min
Delta R.T.: 0.002 min
Response: 87719055
Conc: 48.74 ng/ml



#5 Aldrin

R.T.: 5.395 min
Delta R.T.: 0.010 min
Response: 183466963
Conc: 50.07 ng/ml

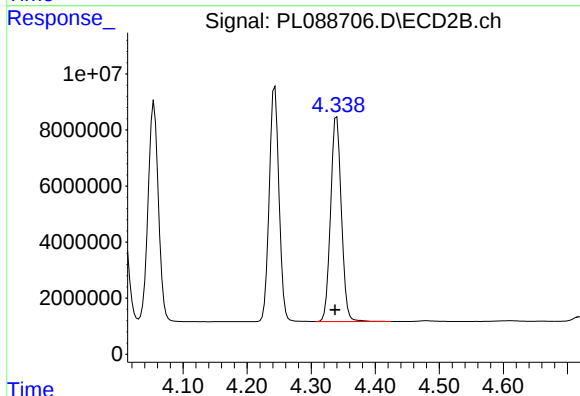
Instrument :

ECD_L

ClientSampleId :
PEST-SPIKE50PPB

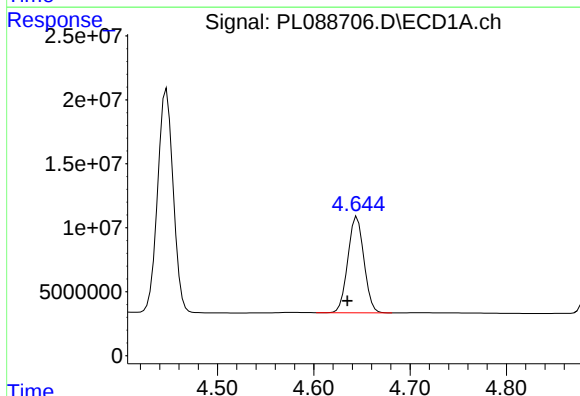
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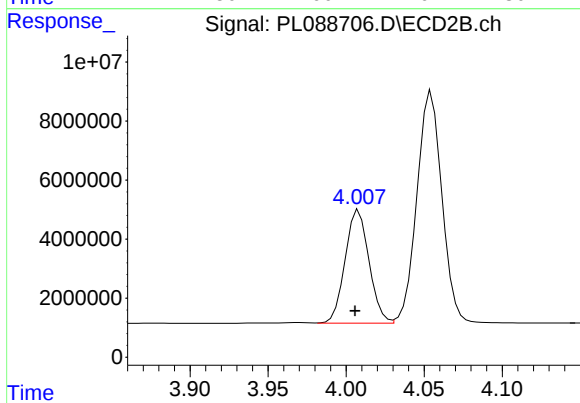
#5 Aldrin

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 85493837
Conc: 47.31 ng/ml



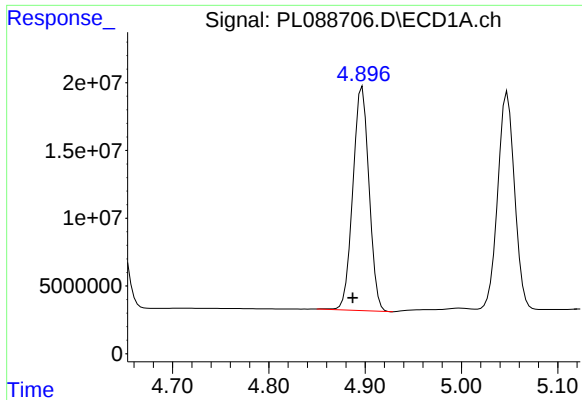
#6 beta-BHC

R.T.: 4.645 min
Delta R.T.: 0.010 min
Response: 86831427
Conc: 48.96 ng/ml



#6 beta-BHC

R.T.: 4.008 min
Delta R.T.: 0.002 min
Response: 40955094
Conc: 47.78 ng/ml



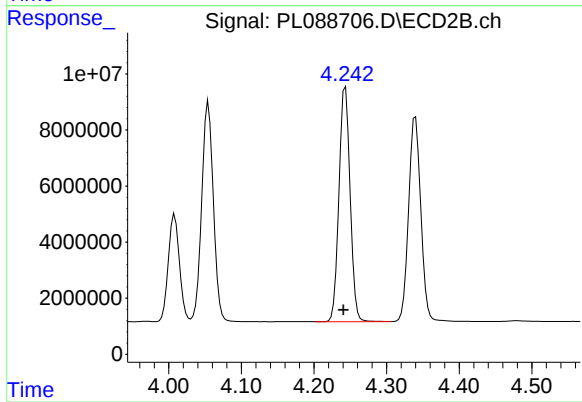
#7 delta-BHC

R.T.: 4.897 min
Delta R.T.: 0.010 min
Response: 192143642
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

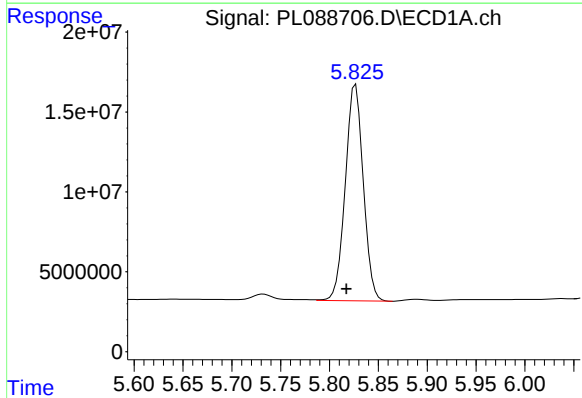
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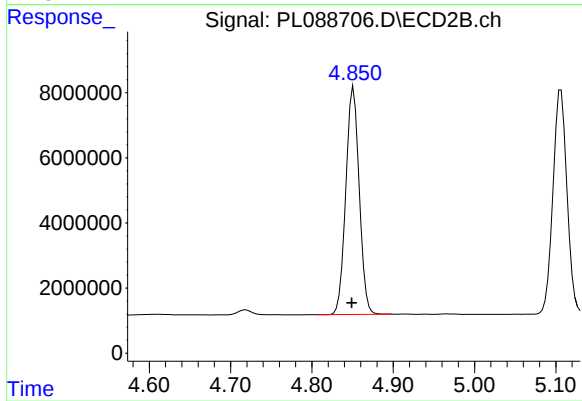
#7 delta-BHC

R.T.: 4.243 min
Delta R.T.: 0.003 min
Response: 89012746
Conc: 46.53 ng/ml



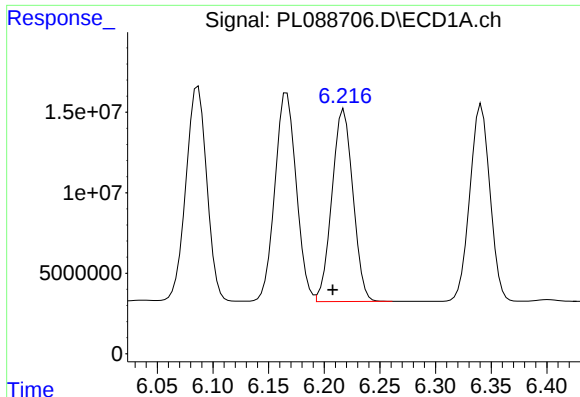
#8 Heptachlor epoxide

R.T.: 5.827 min
Delta R.T.: 0.009 min
Response: 173514542
Conc: 50.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.851 min
Delta R.T.: 0.002 min
Response: 79701916
Conc: 48.47 ng/ml



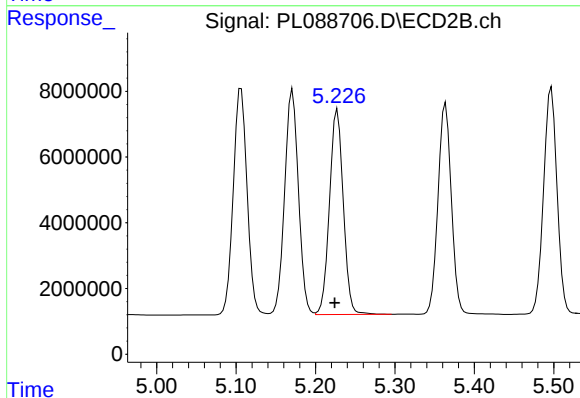
#9 Endosulfan I

R.T.: 6.218 min
Delta R.T.: 0.010 min
Response: 156886215
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

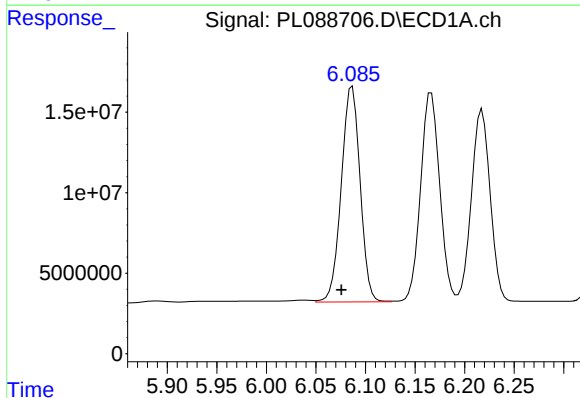
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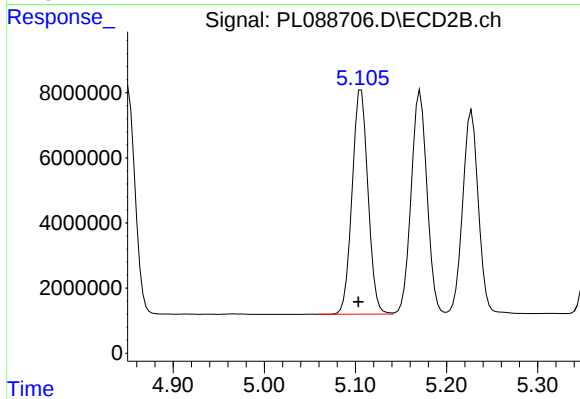
#9 Endosulfan I

R.T.: 5.228 min
Delta R.T.: 0.003 min
Response: 75288082
Conc: 50.08 ng/ml



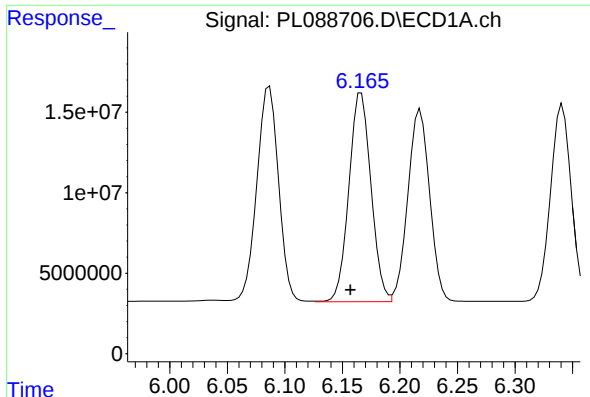
#10 gamma-Chlordane

R.T.: 6.087 min
Delta R.T.: 0.011 min
Response: 176891507
Conc: 53.11 ng/ml



#10 gamma-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.003 min
Response: 83433994
Conc: 50.37 ng/ml



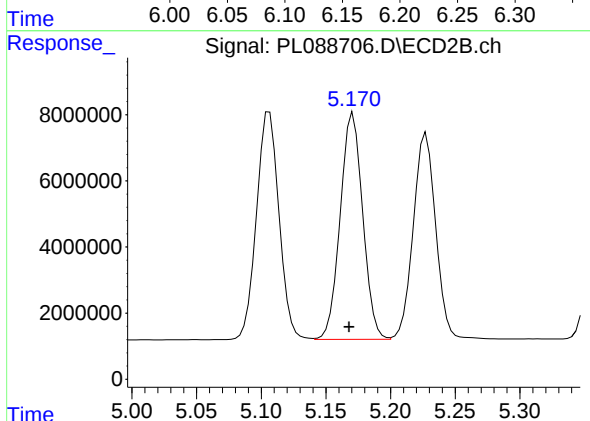
#11 alpha-Chlordane

R.T.: 6.166 min
Delta R.T.: 0.009 min
Response: 174154970
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

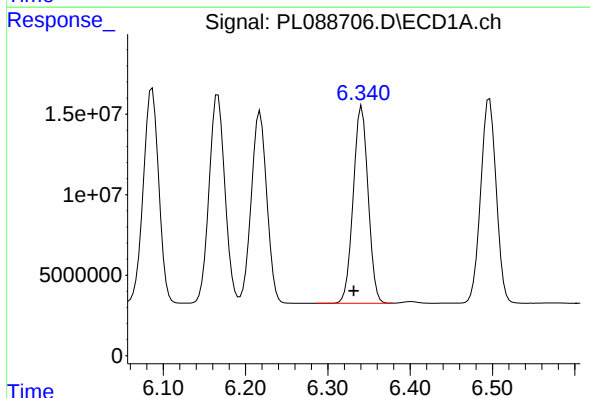
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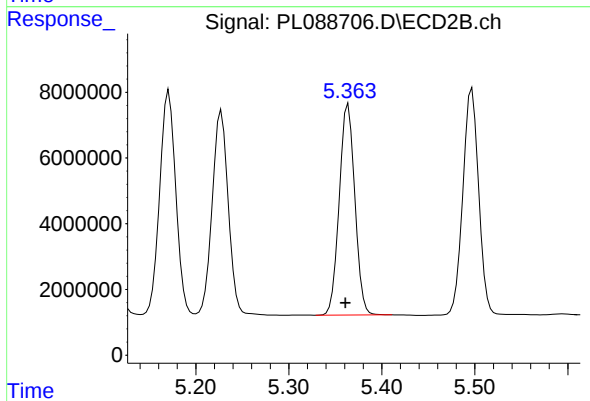
#11 alpha-Chlordane

R.T.: 5.171 min
Delta R.T.: 0.003 min
Response: 82866017
Conc: 49.92 ng/ml



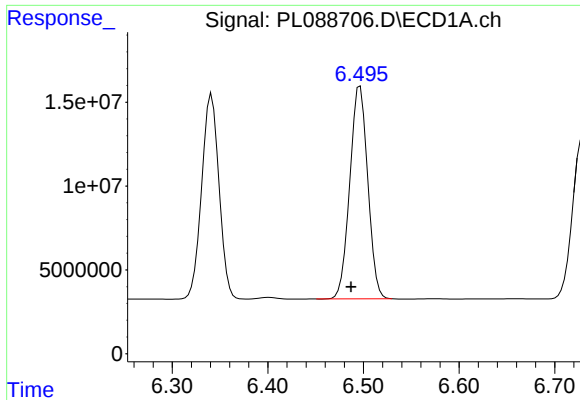
#12 4,4'-DDE

R.T.: 6.341 min
Delta R.T.: 0.010 min
Response: 153904083
Conc: 51.51 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: 0.003 min
Response: 74867583
Conc: 51.33 ng/ml



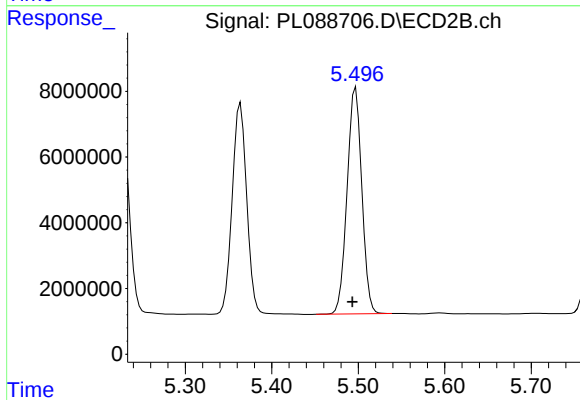
#13 Dieldrin

R.T.: 6.497 min
Delta R.T.: 0.010 min
Response: 166246427
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

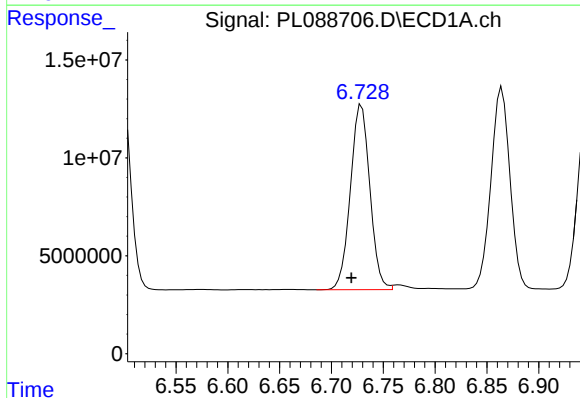
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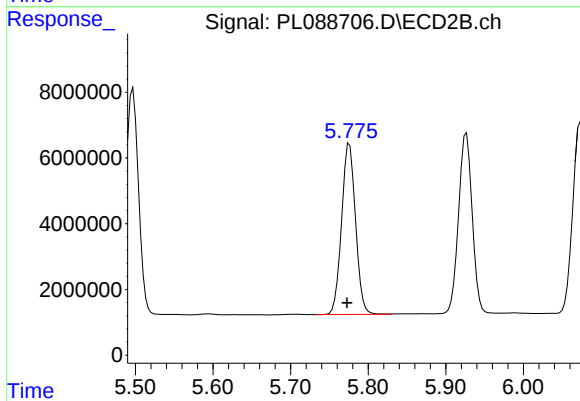
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.004 min
Response: 81040644
Conc: 49.90 ng/ml



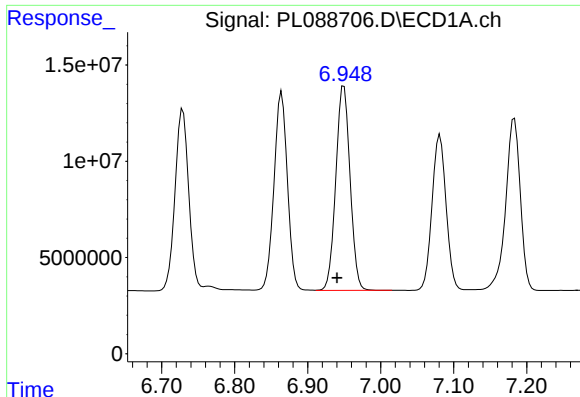
#14 Endrin

R.T.: 6.729 min
Delta R.T.: 0.010 min
Response: 123416613
Conc: 45.15 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: 0.003 min
Response: 65131478
Conc: 45.19 ng/ml



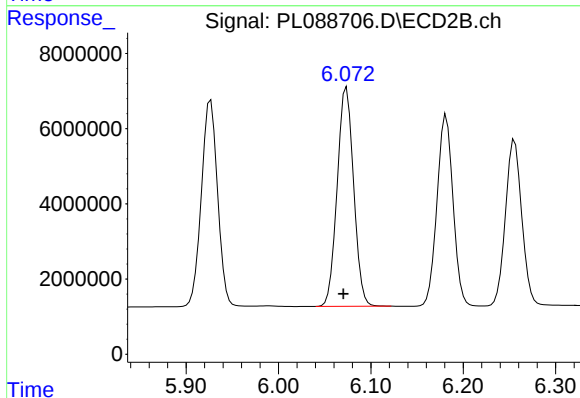
#15 Endosulfan II

R.T.: 6.950 min
Delta R.T.: 0.010 min
Response: 144355319
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

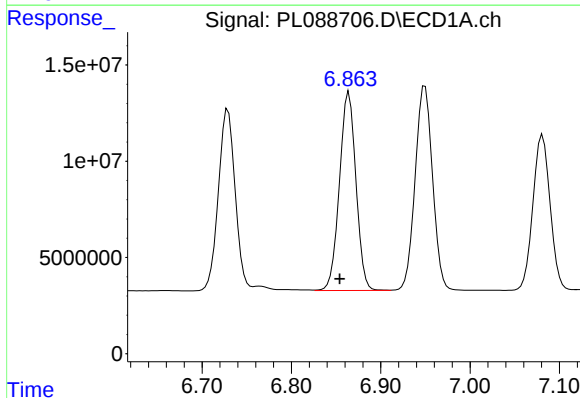
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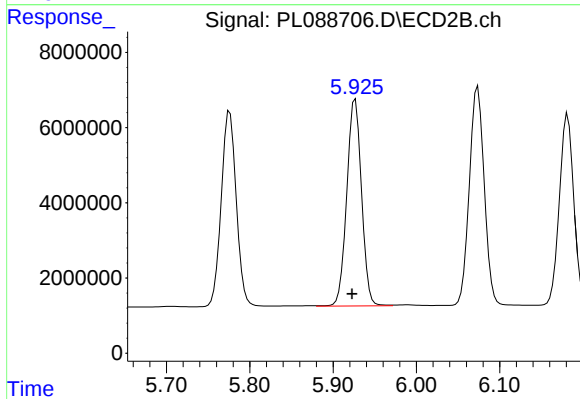
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.003 min
Response: 72208765
Conc: 50.22 ng/ml



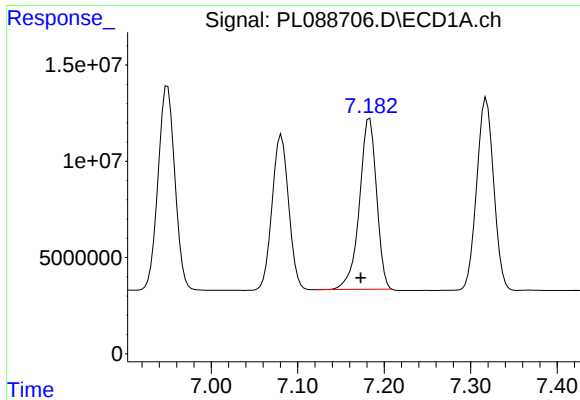
#16 4,4'-DDD

R.T.: 6.865 min
Delta R.T.: 0.010 min
Response: 132443194
Conc: 52.00 ng/ml



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: 0.004 min
Response: 67591088
Conc: 54.27 ng/ml



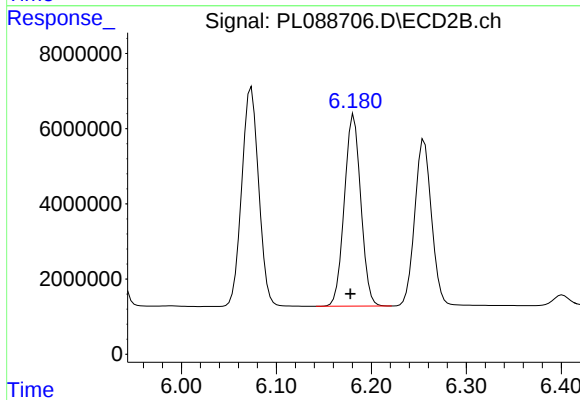
#17 4,4'-DDT

R.T.: 7.183 min
Delta R.T.: 0.010 min
Response: 122352306
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

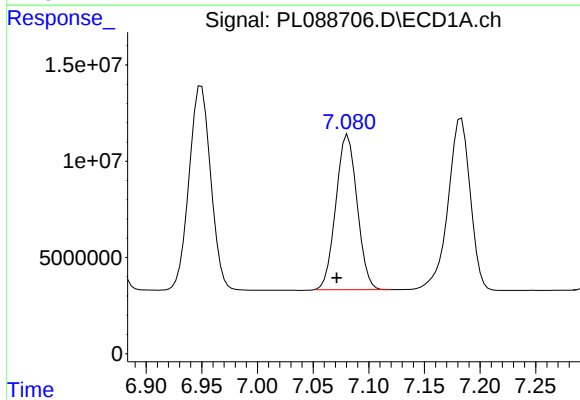
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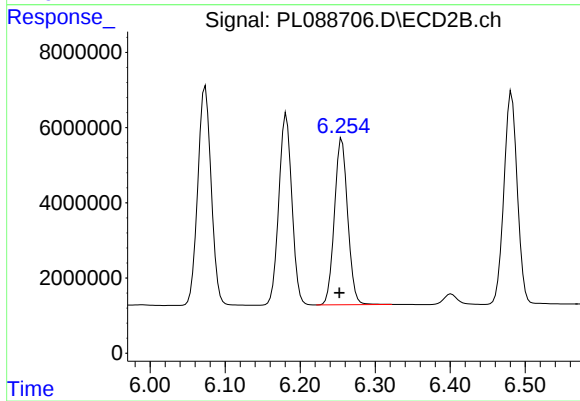
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: 0.004 min
Response: 61340982
Conc: 45.70 ng/ml



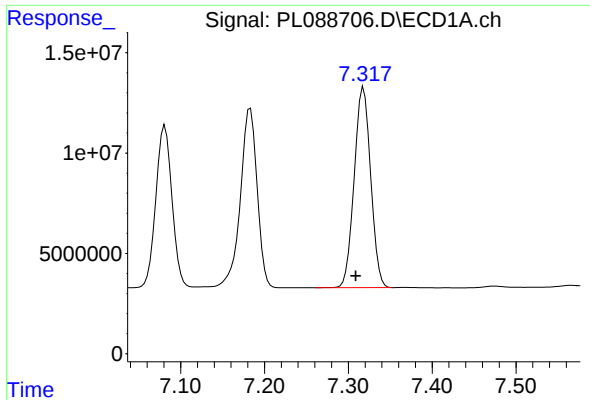
#18 Endrin aldehyde

R.T.: 7.081 min
Delta R.T.: 0.010 min
Response: 106997035
Conc: 51.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.004 min
Response: 54390336
Conc: 51.90 ng/ml



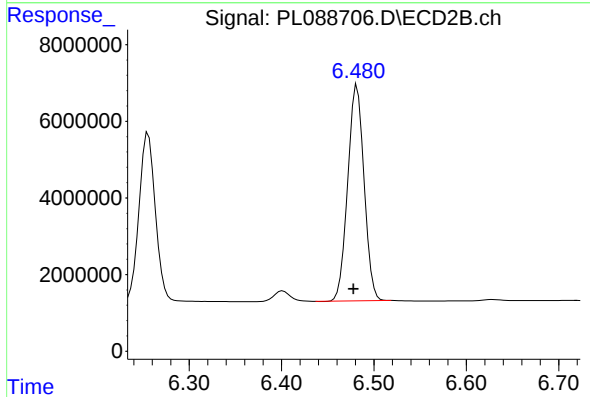
#19 Endosulfan Sulfate

R.T.: 7.318 min
Delta R.T.: 0.009 min
Response: 136475958
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

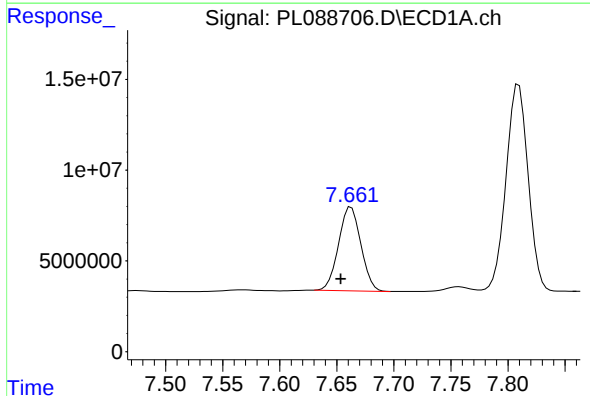
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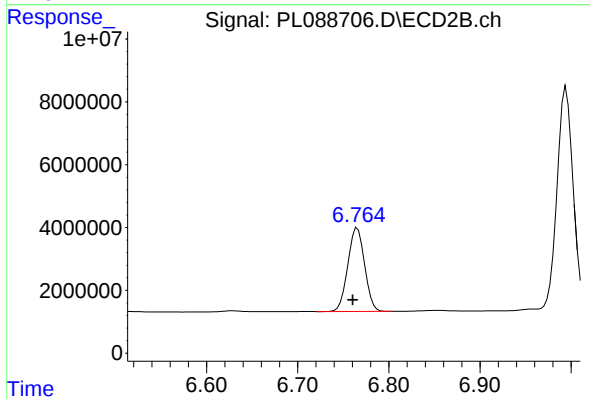
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.004 min
Response: 69316857
Conc: 49.96 ng/ml



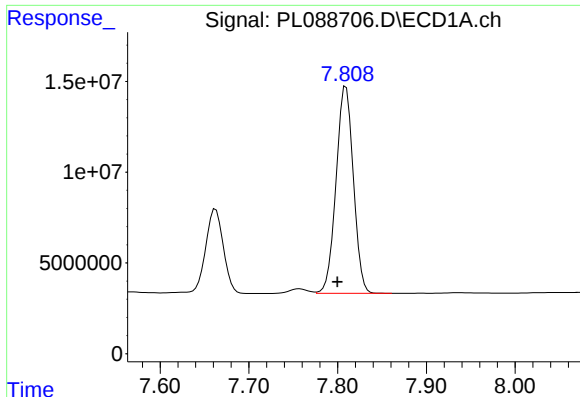
#20 Methoxychlor

R.T.: 7.661 min
Delta R.T.: 0.008 min
Response: 63043860
Conc: 41.85 ng/ml m



#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: 0.005 min
Response: 34022626
Conc: 42.42 ng/ml



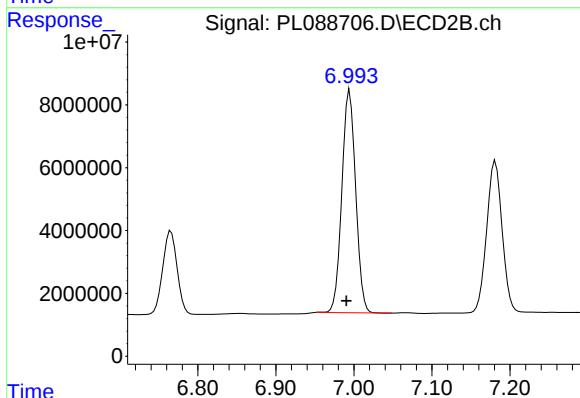
#21 Endrin ketone

R.T.: 7.809 min
Delta R.T.: 0.009 min
Response: 154271091
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

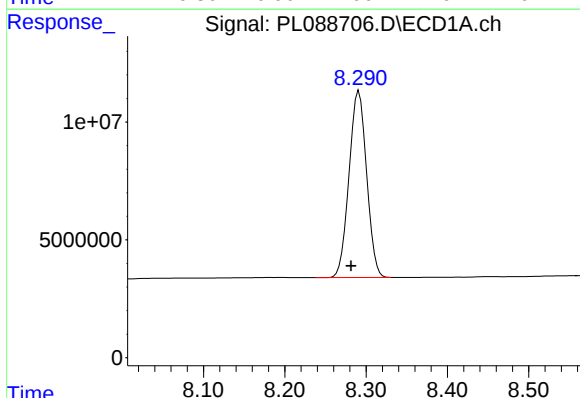
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



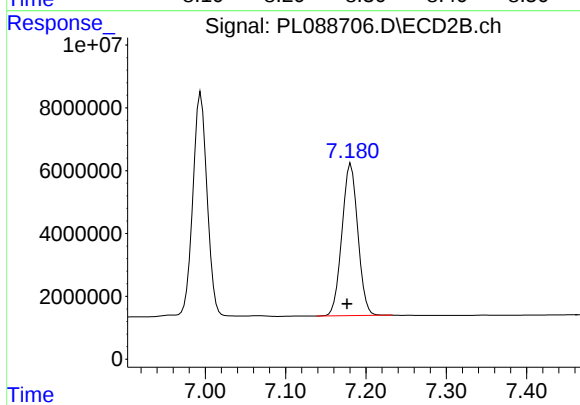
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.004 min
Response: 86900214
Conc: 52.64 ng/ml



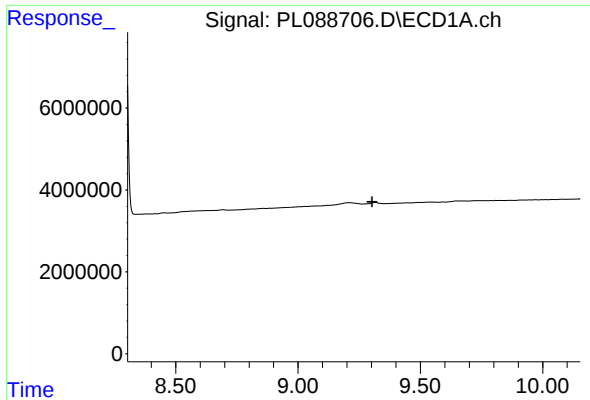
#22 Mirex

R.T.: 8.291 min
Delta R.T.: 0.010 min
Response: 118494586
Conc: 50.54 ng/ml



#22 Mirex

R.T.: 7.181 min
Delta R.T.: 0.005 min
Response: 66457496
Conc: 49.29 ng/ml



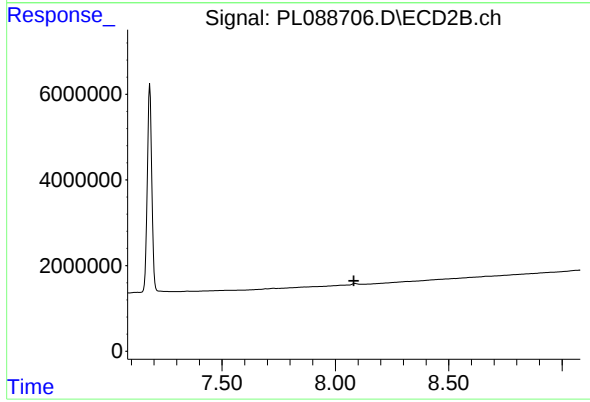
#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 9.303 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

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#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.082 min
Response: 0
Conc: N.D.