

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071024\
 Data File : PL090462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2024 10:12
 Operator : AR\AJ
 Sample : PB161964BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB161964BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2024
 Supervised By :Ankita Jodhani 07/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 01:25:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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	2.789	56568620	41432802	24.925	26.194
2) SA Decachlor...	9.057	7.930	39021853	38038375	25.303	25.500m
Target Compounds						
2) A alpha-BHC	4.001	3.293	146.9E6	119.9E6	46.849	53.628
3) MA gamma-BHC...	4.334	3.623	143.1E6	118.4E6	47.619	55.400
4) MA Heptachlor	4.921	3.964	129.7E6	110.9E6	46.686m	53.348
5) MB Aldrin	5.263	4.243	128.7E6	110.8E6	47.001m	56.024m
6) B beta-BHC	4.529	3.921	64400498	50250742	47.811	52.053
7) B delta-BHC	4.777	4.151	129.6E6	105.4E6	45.934	51.934
8) B Heptachlo...	5.690	4.745	128.0E6	101.1E6	50.197	55.014m
9) A Endosulfan I	6.074	5.117	108.8E6	92400322	46.212m	53.401
10) B gamma-Chl...	5.944	4.996	117.8E6	103.7E6	46.610m	54.095
11) B alpha-Chl...	6.023	5.060	117.9E6	103.9E6	47.279m	54.228
12) B 4,4'-DDE	6.195	5.248	106.4E6	95133163	48.742m	57.428m
13) MA Dieldrin	6.349	5.379	117.9E6	102.9E6	48.221	55.802m
14) MA Endrin	6.578	5.654	102.0E6	90036213	48.099m	54.450m
15) B Endosulfa...	6.796	5.950	105.7E6	90001657	47.819m	54.854
16) A 4,4'-DDD	6.712	5.803	90464357	77398992	49.378m	56.470
17) MA 4,4'-DDT	7.027	6.054	95979122	83808370	50.017	56.623
18) B Endrin al...	6.926	6.129	82290067	72542020	48.738m	56.963
19) B Endosulfa...	7.162	6.352	97397138	85853057	49.173	54.902
20) A Methoxychlor	7.502	6.627	52739760	47023865	51.177	56.365m
21) B Endrin ke...	7.647	6.857	109.3E6	100.1E6	50.407	55.888
22) Mirex	8.120	7.038	81982754	78964634	47.152	51.708m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071024\
Data File : PL090462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2024 10:12
Operator : AR\AJ
Sample : PB161964BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

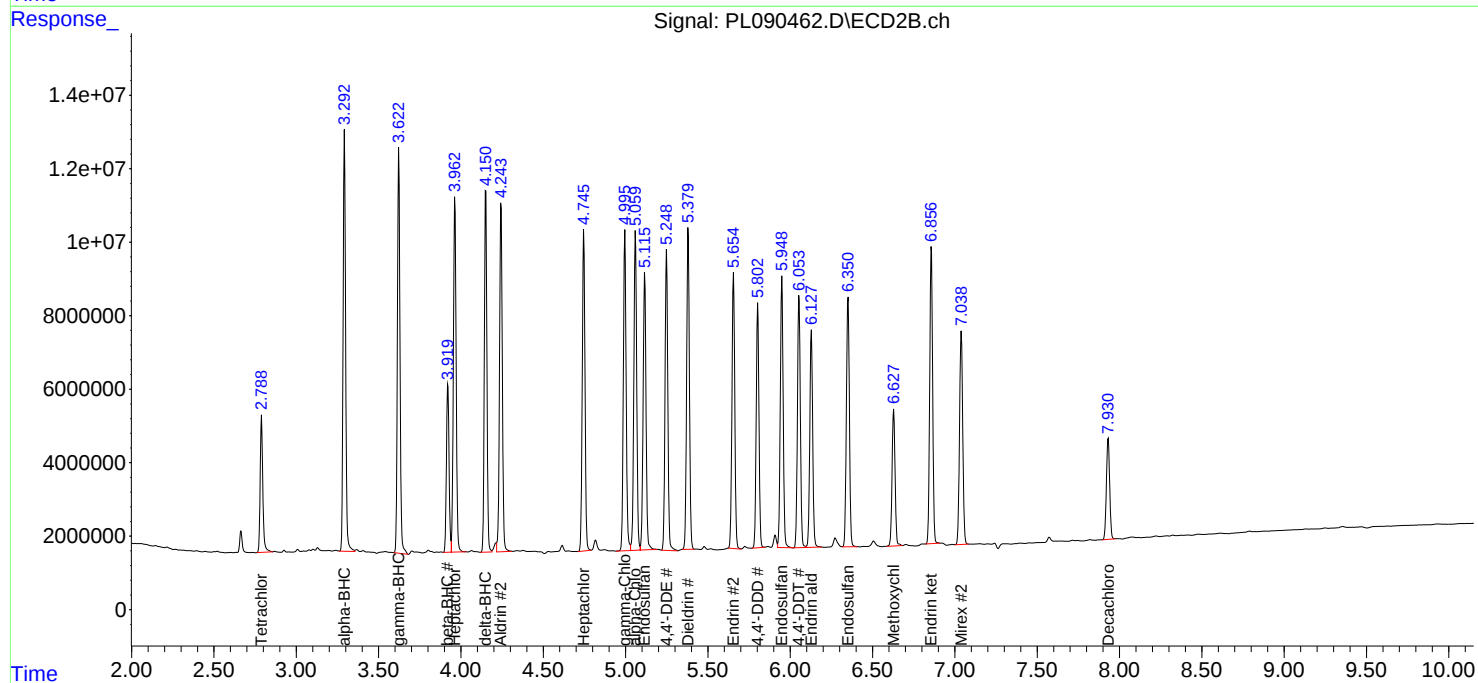
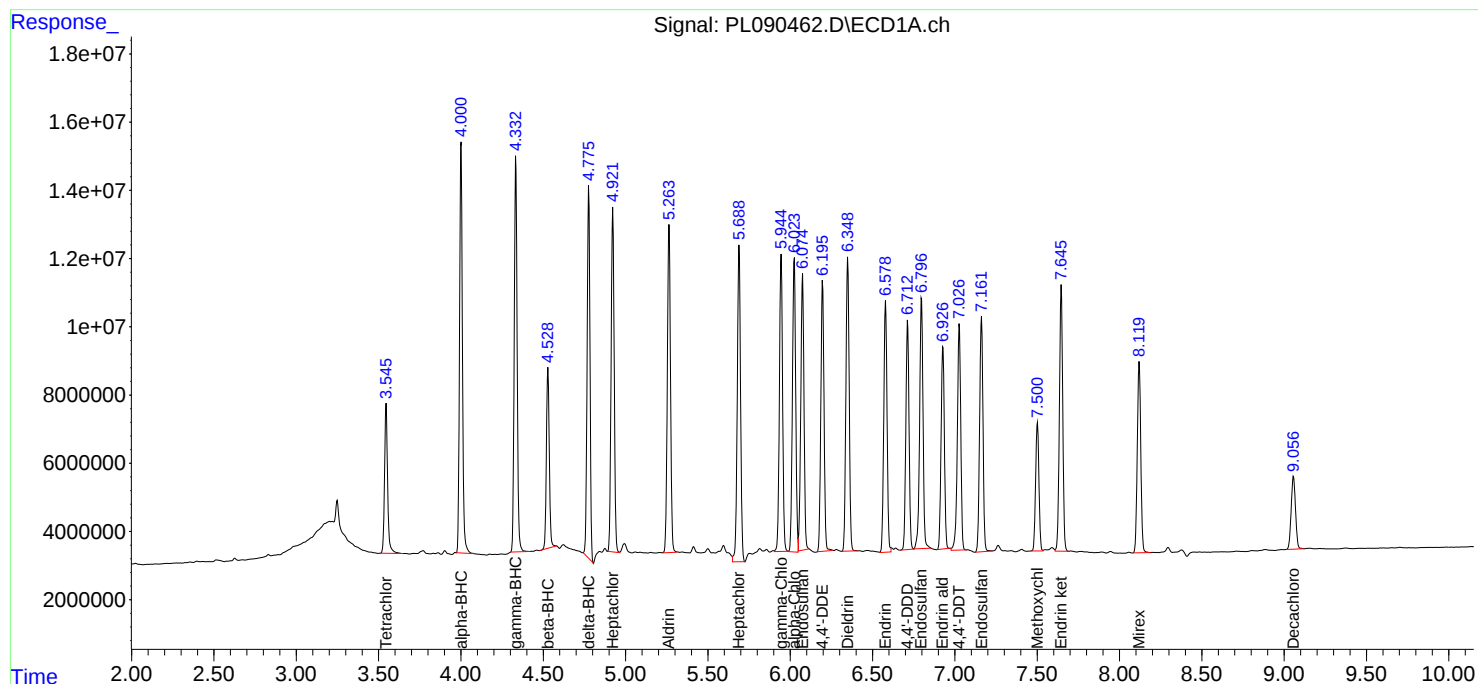
Instrument :
ECD_L
ClientSampleId :
PB161964BS

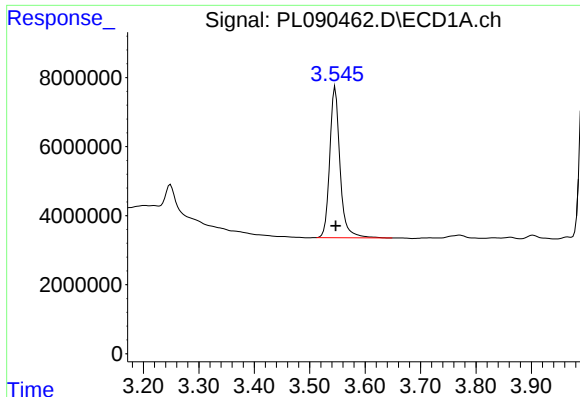
Manual Integrations
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Supervised By :Ankita Jodhani 07/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 01:25:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 11:05:38 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





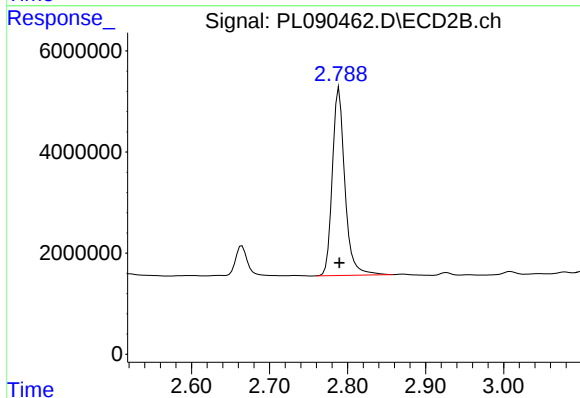
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.001 min
Response: 56568620
Conc: 24.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

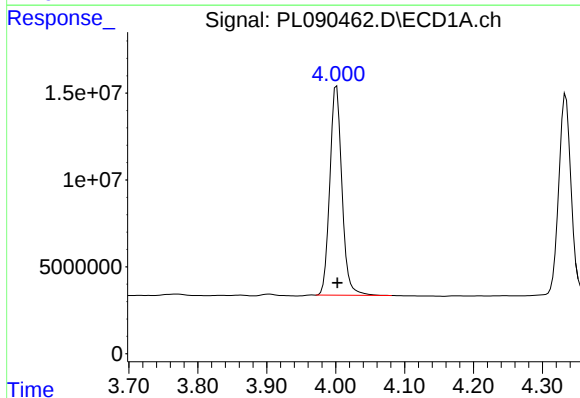
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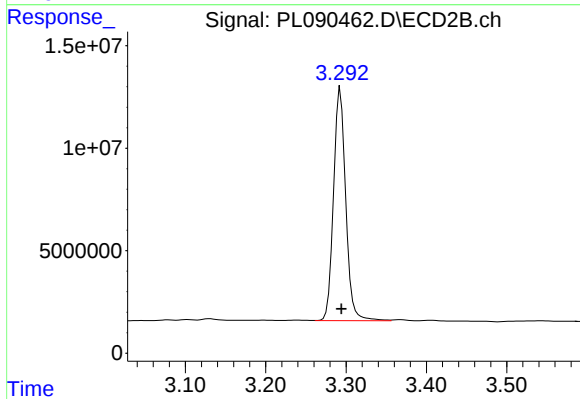
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 41432802
Conc: 26.19 ng/ml



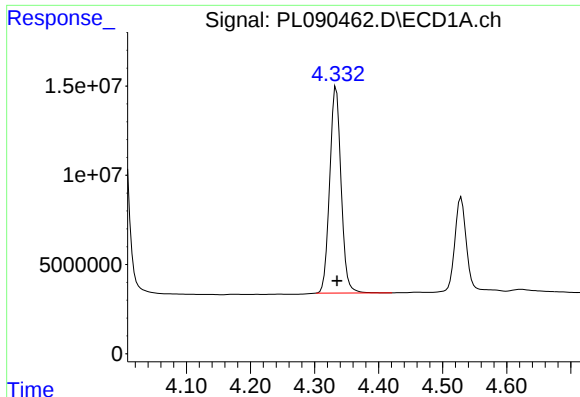
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 146941368
Conc: 46.85 ng/ml



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: -0.001 min
Response: 119885764
Conc: 53.63 ng/ml



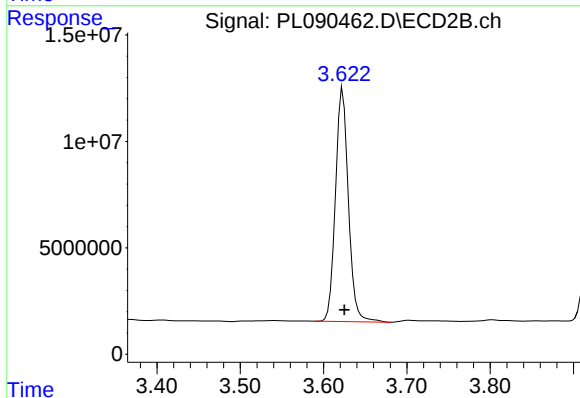
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: -0.001 min
Response: 143142366
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

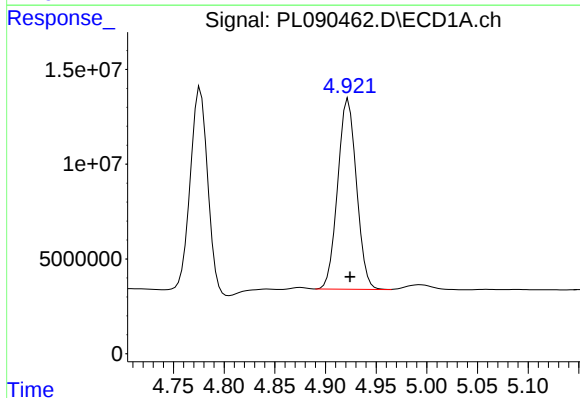
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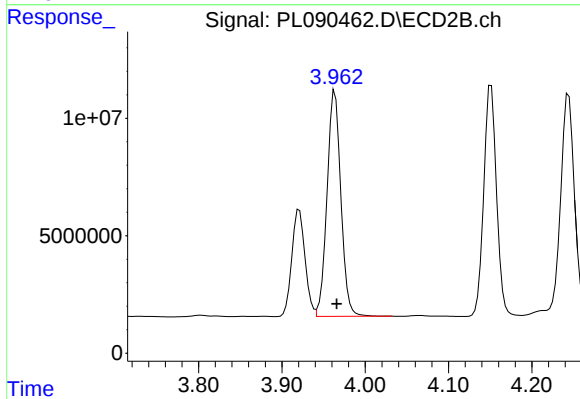
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: -0.002 min
Response: 118444365
Conc: 55.40 ng/ml



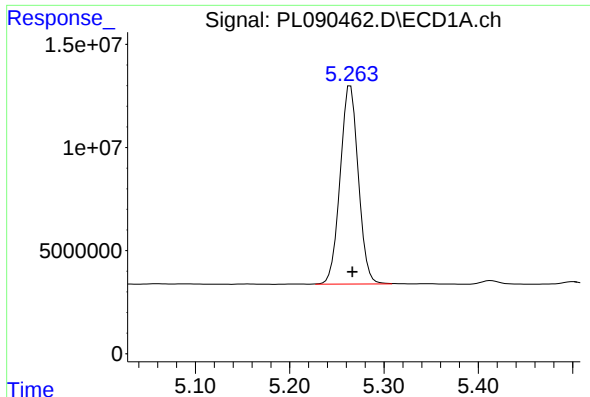
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.003 min
Response: 129744378
Conc: 46.69 ng/ml m



#4 Heptachlor

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 110903287
Conc: 53.35 ng/ml



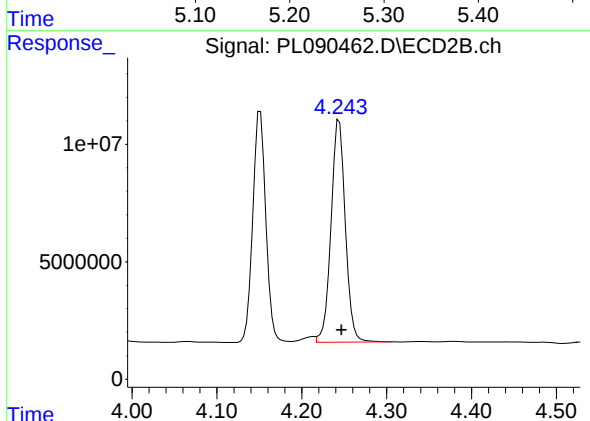
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 128665191
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

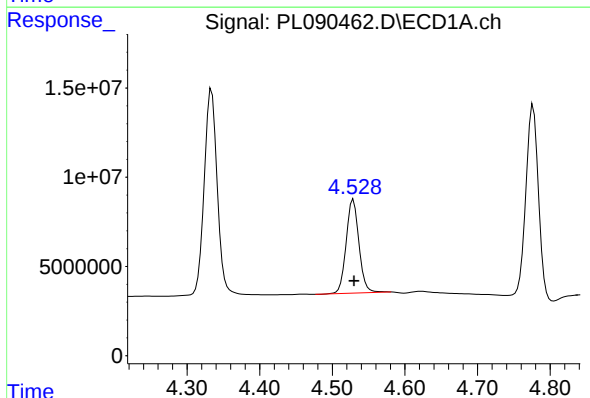
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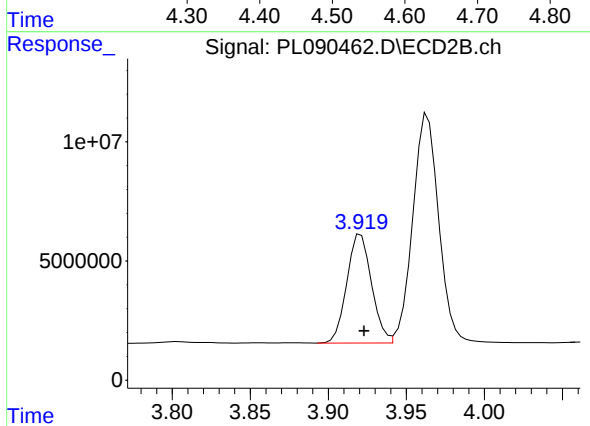
#5 Aldrin

R.T.: 4.243 min
Delta R.T.: -0.004 min
Response: 110837599
Conc: 56.02 ng/ml m



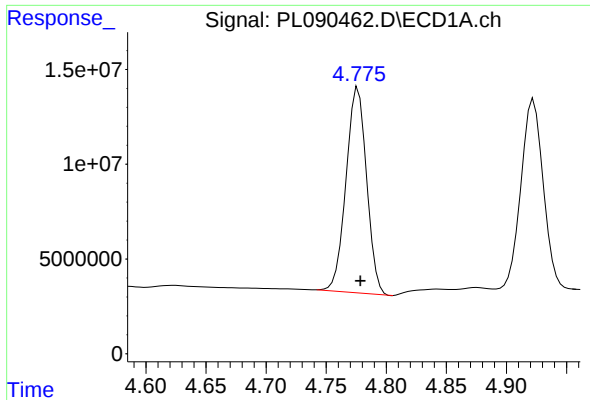
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: -0.001 min
Response: 64400498
Conc: 47.81 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.002 min
Response: 50250742
Conc: 52.05 ng/ml



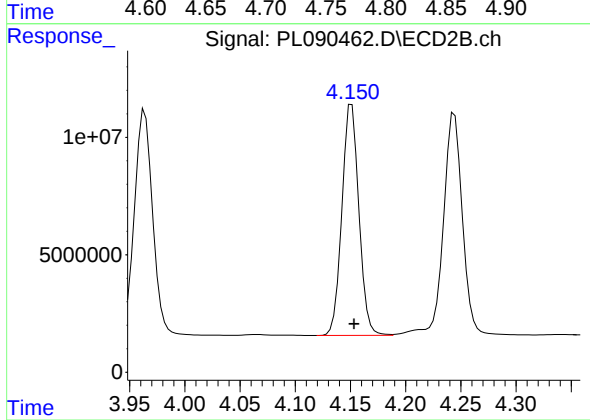
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 129553080
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

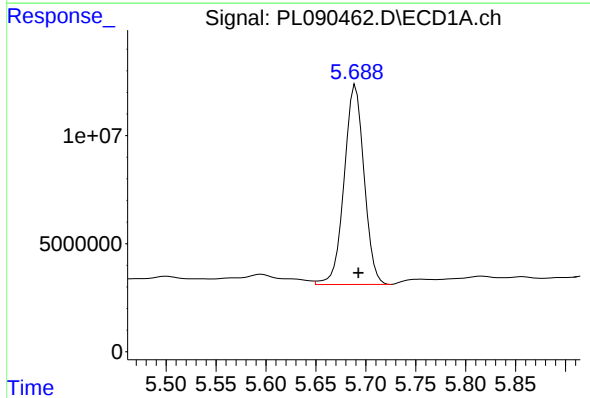
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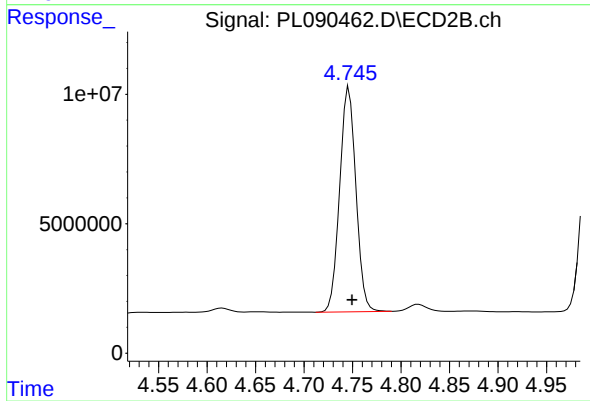
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 105362768
Conc: 51.93 ng/ml



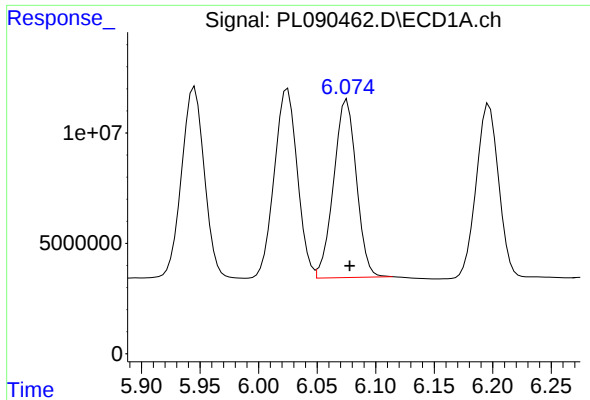
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 128008146
Conc: 50.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.745 min
Delta R.T.: -0.004 min
Response: 101069599
Conc: 55.01 ng/ml m



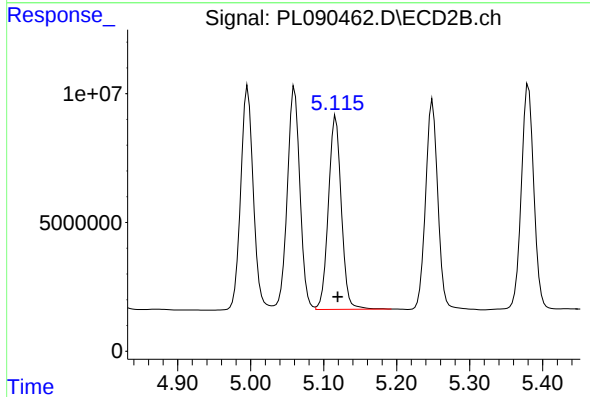
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 108821479
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

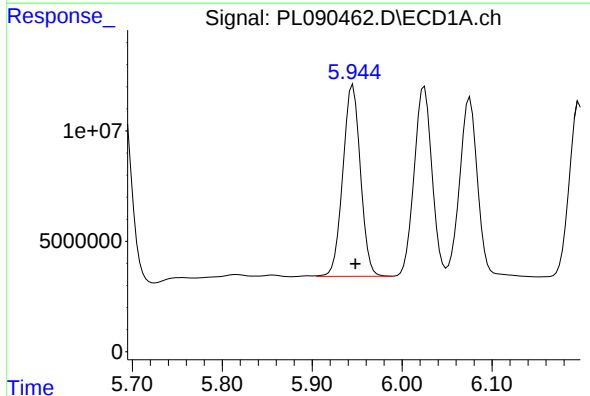
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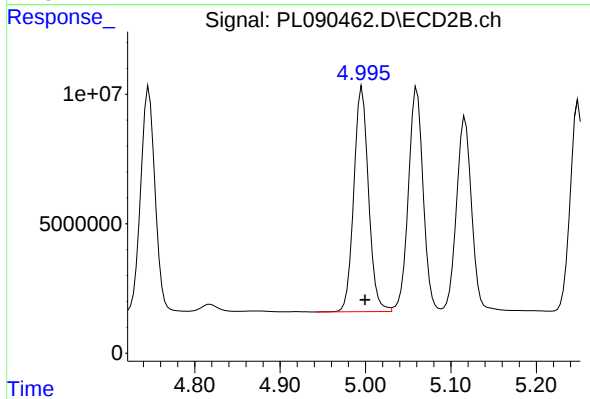
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 92400322
Conc: 53.40 ng/ml



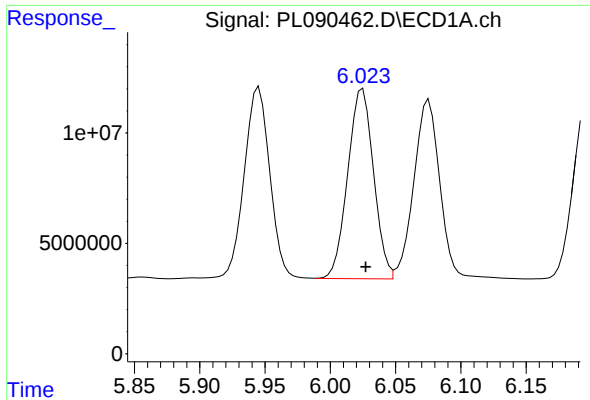
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 117773674
Conc: 46.61 ng/ml m



#10 gamma-Chlordane

R.T.: 4.996 min
Delta R.T.: -0.003 min
Response: 103675889
Conc: 54.09 ng/ml



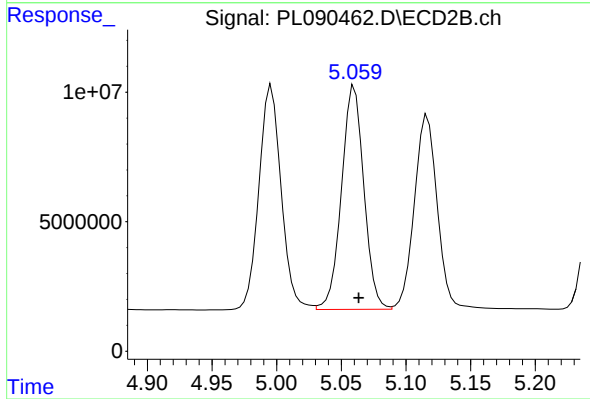
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: -0.004 min
Response: 117929578
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

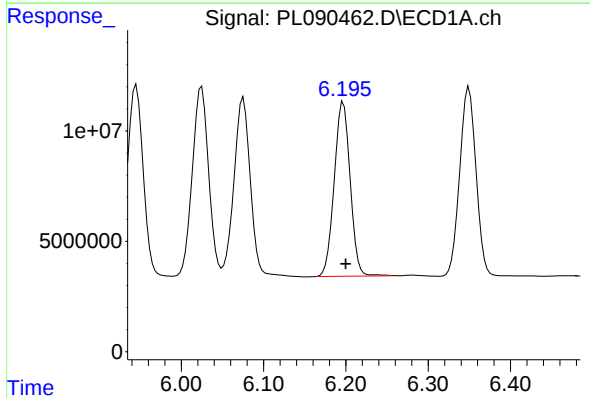
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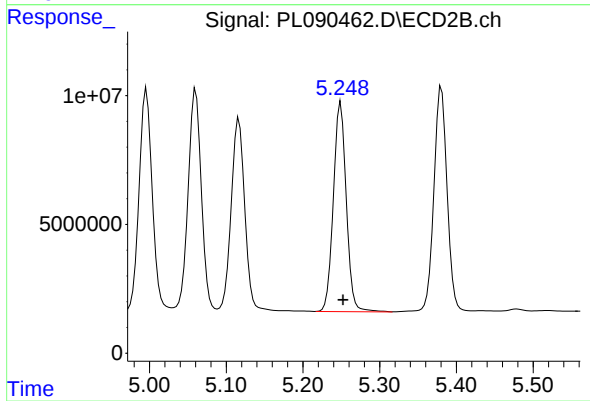
#11 alpha-Chlordane

R.T.: 5.060 min
Delta R.T.: -0.003 min
Response: 103863518
Conc: 54.23 ng/ml



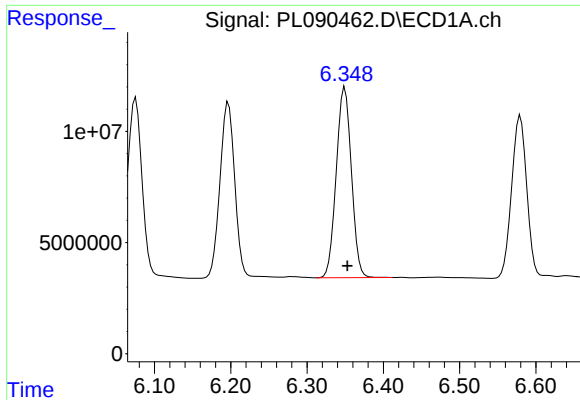
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.004 min
Response: 106402980
Conc: 48.74 ng/ml m



#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: -0.005 min
Response: 95133163
Conc: 57.43 ng/ml m



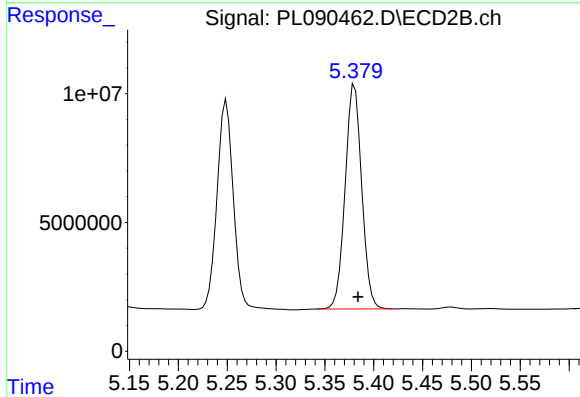
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: -0.003 min
Response: 117893961
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

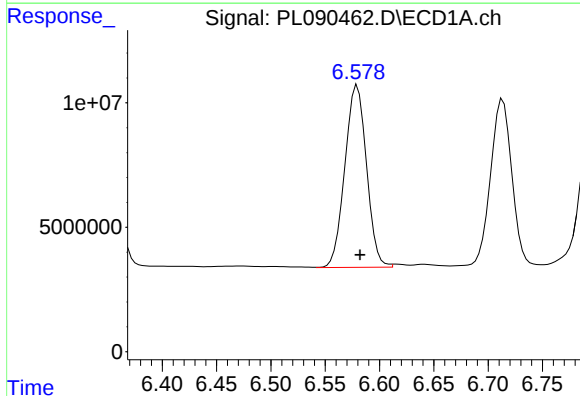
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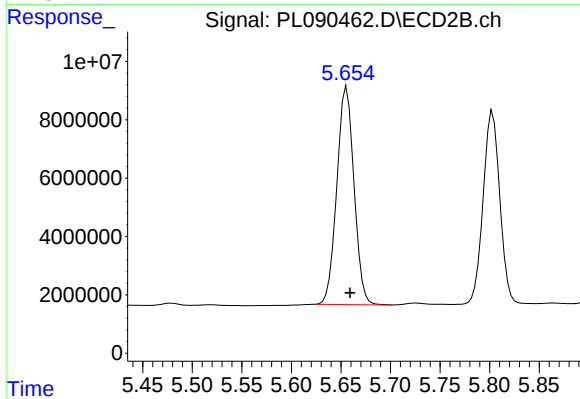
#13 Dieldrin

R.T.: 5.379 min
Delta R.T.: -0.005 min
Response: 102923524
Conc: 55.80 ng/ml m



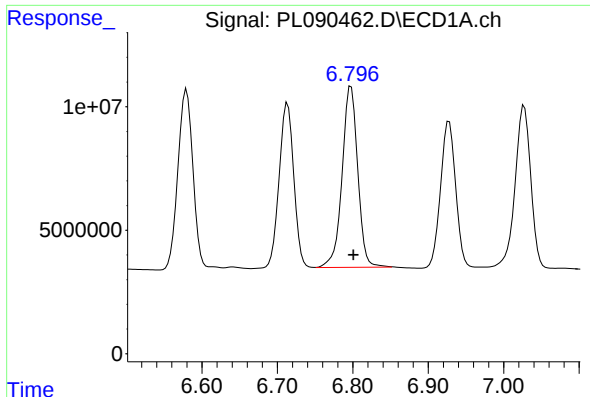
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 101983923
Conc: 48.10 ng/ml m



#14 Endrin

R.T.: 5.654 min
Delta R.T.: -0.005 min
Response: 90036213
Conc: 54.45 ng/ml m



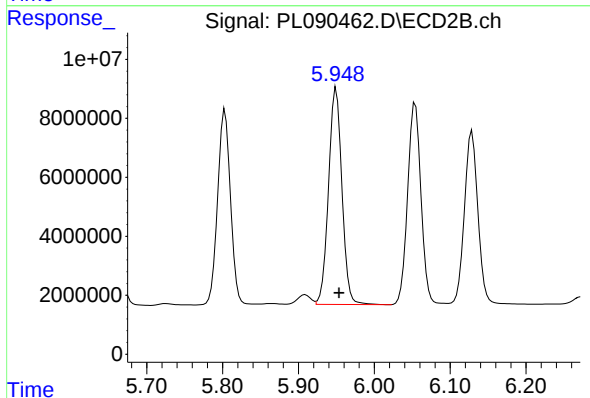
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 105732989
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

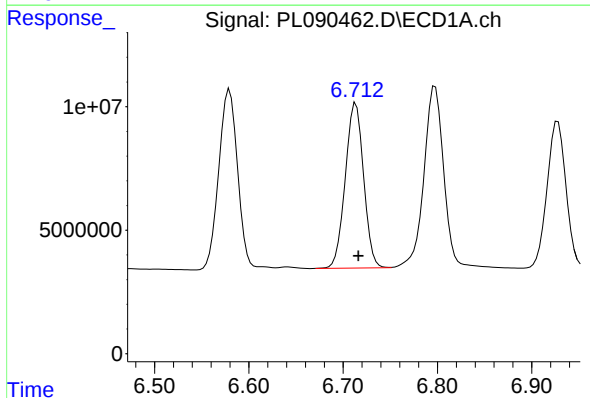
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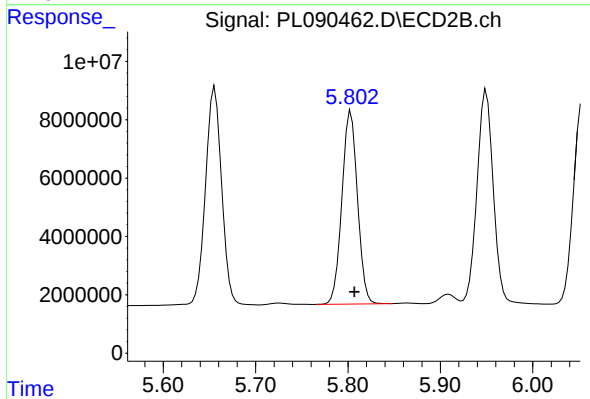
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.004 min
Response: 90001657
Conc: 54.85 ng/ml



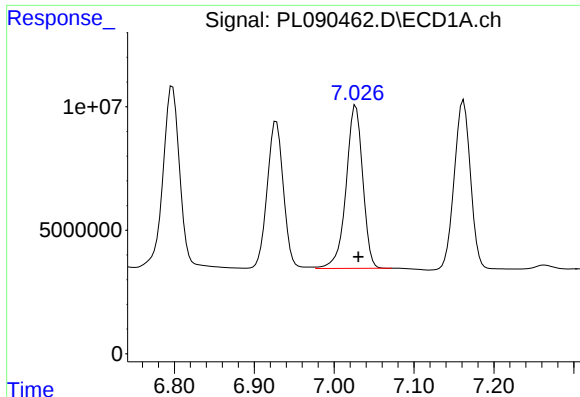
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.004 min
Response: 90464357
Conc: 49.38 ng/ml m



#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 77398992
Conc: 56.47 ng/ml



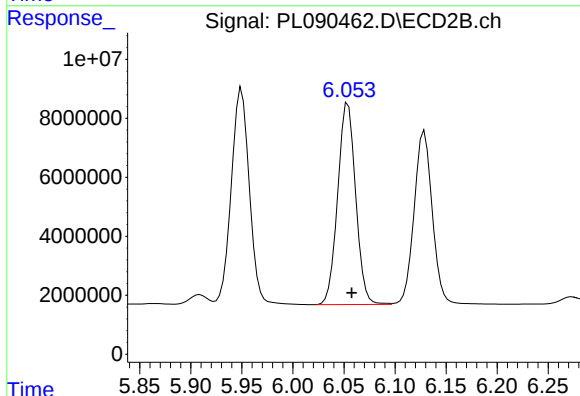
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: -0.003 min
Response: 95979122
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

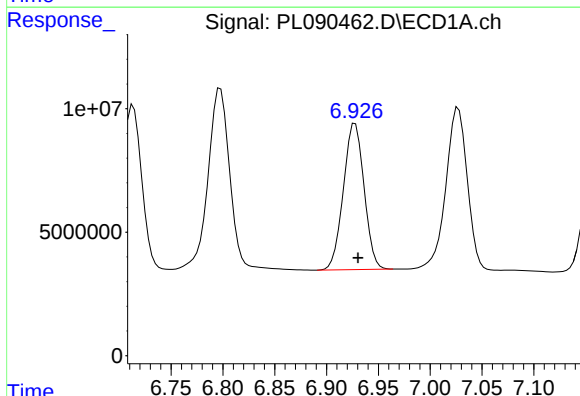
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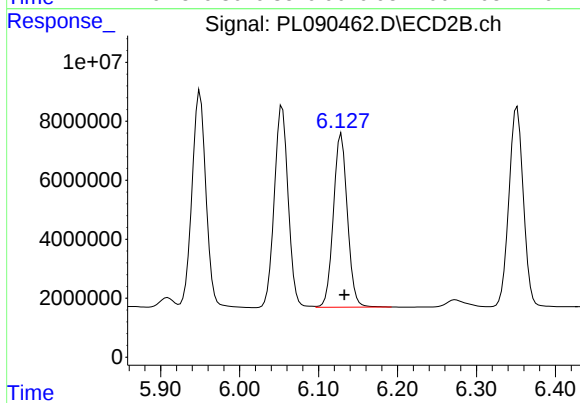
#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: -0.004 min
Response: 83808370
Conc: 56.62 ng/ml



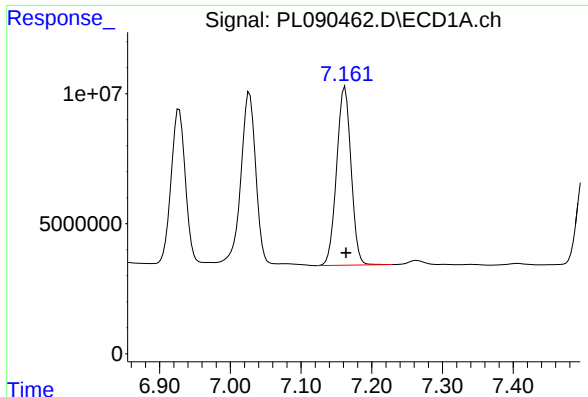
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 82290067
Conc: 48.74 ng/ml m



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 72542020
Conc: 56.96 ng/ml



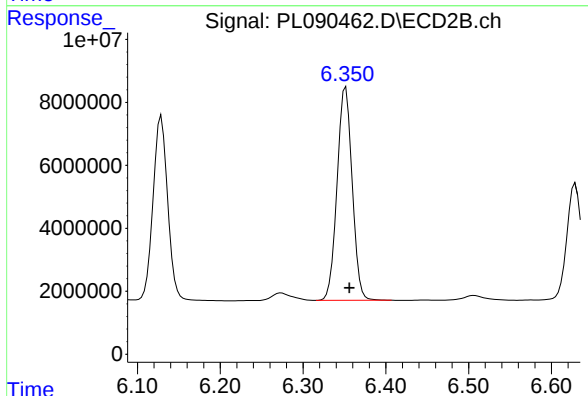
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: -0.002 min
Response: 97397138
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

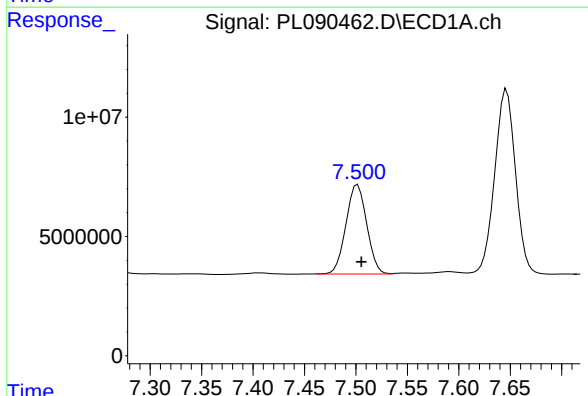
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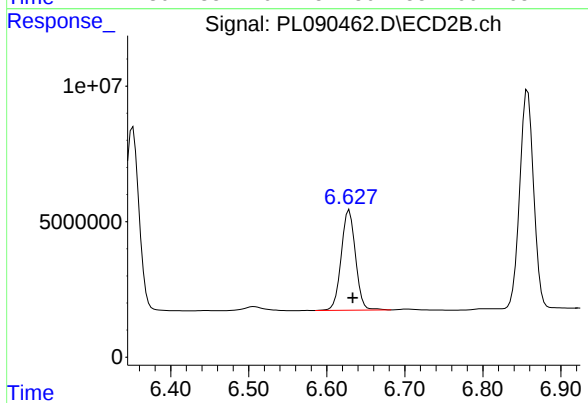
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.004 min
Response: 85853057
Conc: 54.90 ng/ml



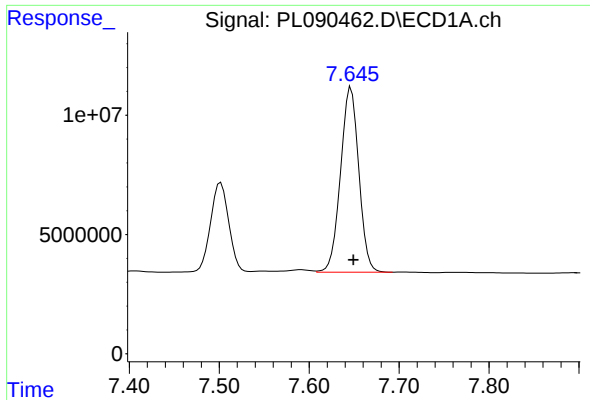
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 52739760
Conc: 51.18 ng/ml



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: -0.006 min
Response: 47023865
Conc: 56.37 ng/ml m



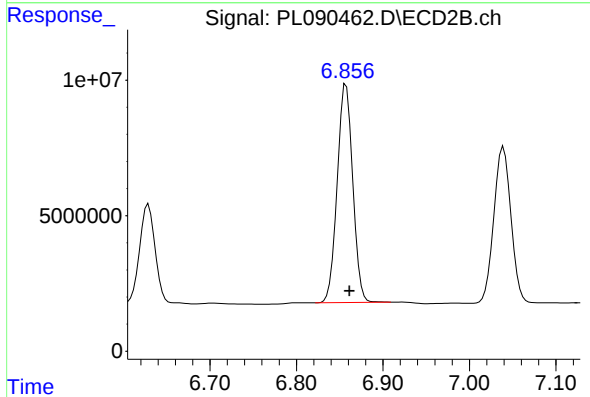
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 109336532
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

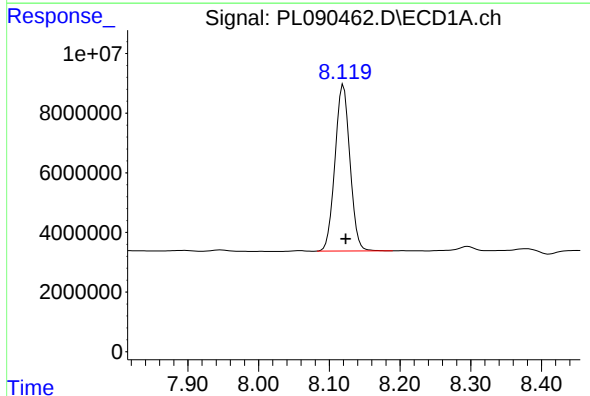
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2024
Supervised By :Ankita Jodhani 07/11/2024



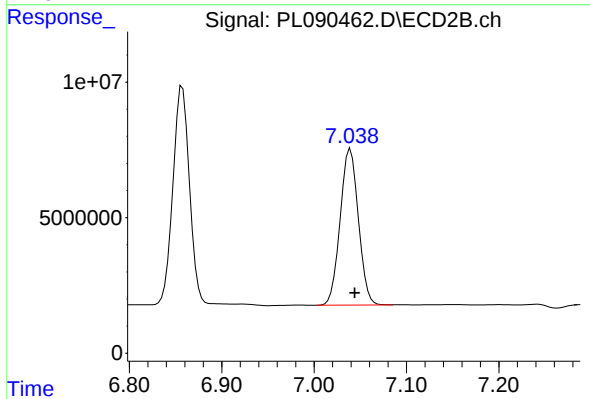
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.004 min
Response: 100068834
Conc: 55.89 ng/ml



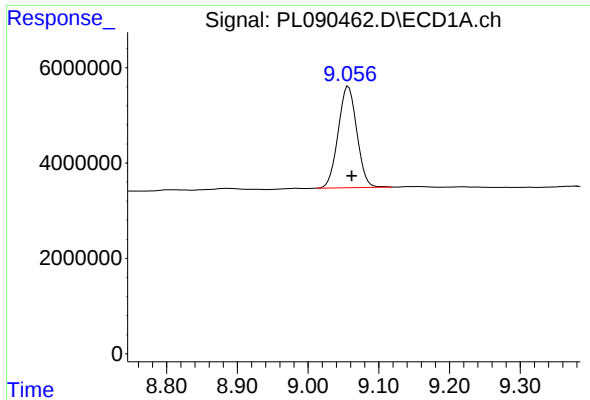
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.004 min
Response: 81982754
Conc: 47.15 ng/ml



#22 Mirex

R.T.: 7.038 min
Delta R.T.: -0.006 min
Response: 78964634
Conc: 51.71 ng/ml m



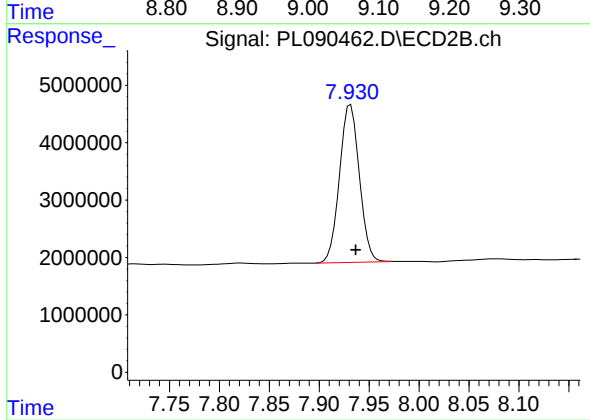
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.005 min
Response: 39021853
Conc: 25.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

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#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: -0.007 min
Response: 38038375
Conc: 25.50 ng/ml m