

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112224\
 Data File : PL093218.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2024 12:23
 Operator : AR\AJ
 Sample : PB165184BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165184BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 21:22:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.538	2.775	55540849	56981585	22.668	20.940
28)	SA Decachlor...	9.062	7.917	35649118	57156997	18.523	20.942
Target Compounds							
2)	A alpha-BHC	3.994	3.278	191.3E6	239.4E6	56.417	59.999
3)	MA gamma-BHC...	4.326	3.608	177.3E6	229.5E6	54.402m	59.458
4)	MA Heptachlor	4.917	3.947	168.2E6	241.4E6	56.017	63.976
5)	MB Aldrin	5.258	4.227	158.5E6	217.6E6	52.813	59.460
6)	B beta-BHC	4.525	3.908	81990749	99756451	56.723	60.596
7)	B delta-BHC	4.773	4.137	153.7E6	189.2E6	49.096	49.224
8)	B Heptachlo...	5.685	4.730	149.5E6	207.0E6	54.127	61.942
9)	A Endosulfan I	6.071	5.100	137.9E6	196.3E6	55.124	64.310
10)	B gamma-Chl...	5.942	4.980	147.9E6	217.2E6	55.605	64.615
11)	B alpha-Chl...	6.021	5.044	146.6E6	213.4E6	55.369	64.172
12)	B 4,4'-DDE	6.194	5.233	134.2E6	211.3E6	56.653	65.585
13)	MA Dieldrin	6.346	5.365	146.4E6	216.3E6	55.555	64.761
14)	MA Endrin	6.577	5.640	119.5E6	189.4E6	52.468	65.461
15)	B Endosulfa...	6.797	5.936	126.9E6	188.3E6	53.238	66.449
16)	A 4,4'-DDD	6.712	5.788	108.9E6	170.2E6	56.708	68.365
17)	MA 4,4'-DDT	7.026	6.039	114.2E6	169.9E6	55.189	63.354
18)	B Endrin al...	6.927	6.115	99250084	143.4E6	52.850	62.132
19)	B Endosulfa...	7.162	6.338	113.2E6	168.2E6	52.180	62.364
20)	A Methoxychlor	7.503	6.614	59114365	87956703	51.855	61.593
21)	B Endrin ke...	7.647	6.844	132.5E6	201.5E6	54.697	65.652
22)	Mirex	8.121	7.024	95469328	148.5E6	48.175	56.921

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112224\
Data File : PL093218.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2024 12:23
Operator : AR\AJ
Sample : PB165184BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

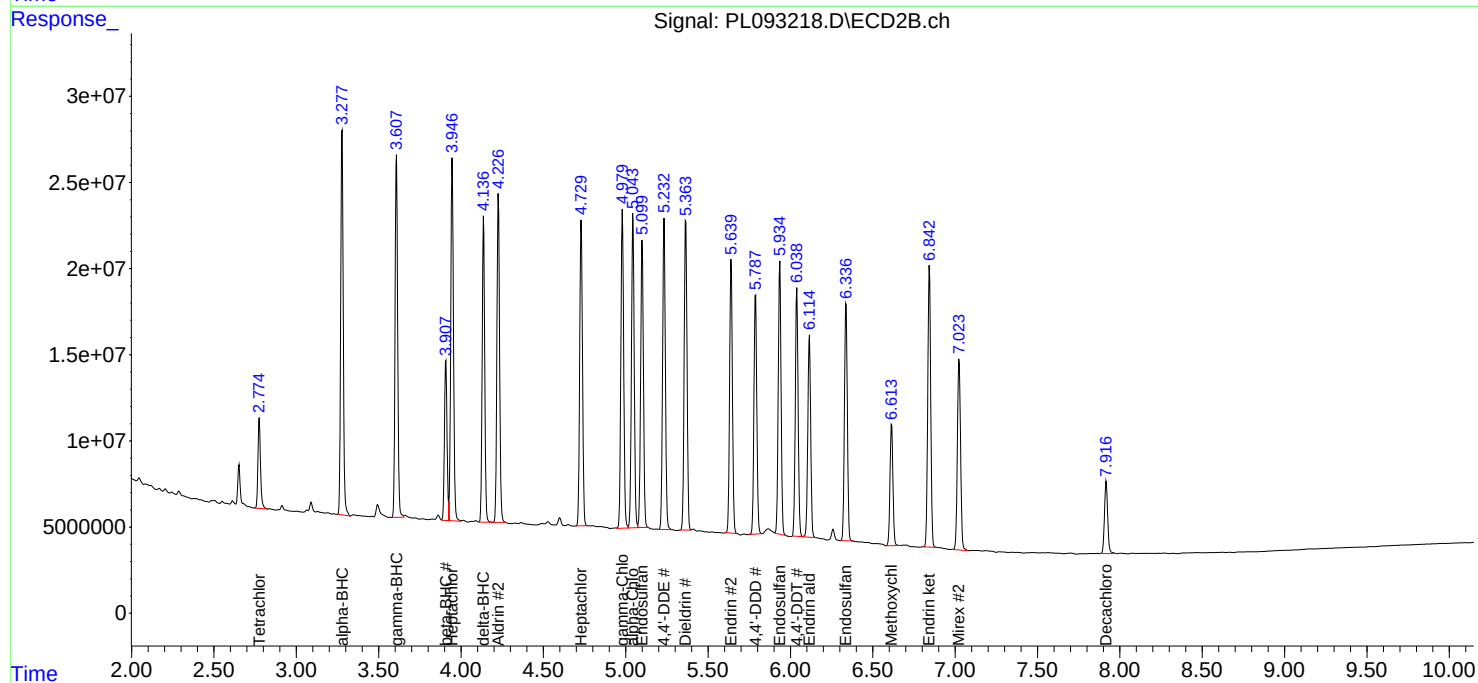
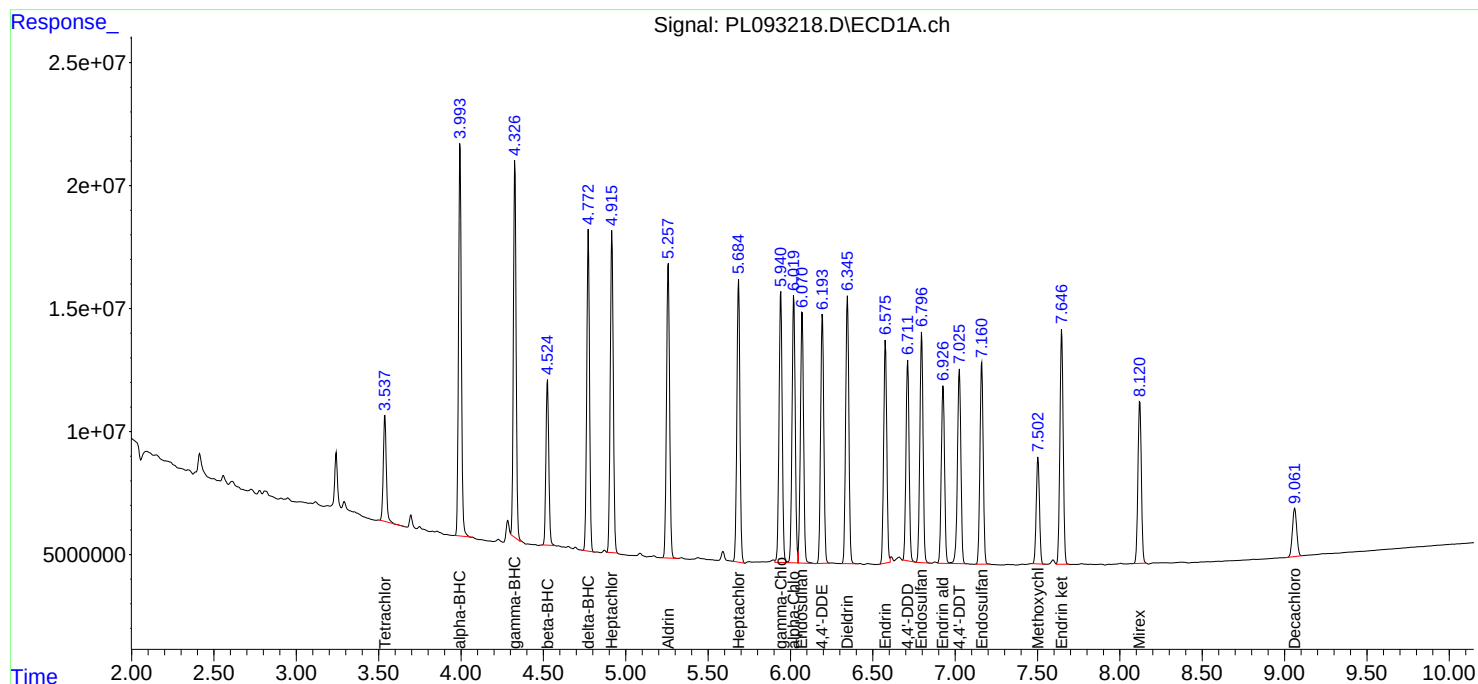
Instrument :
ECD_L
ClientSampleId :
PB165184BS

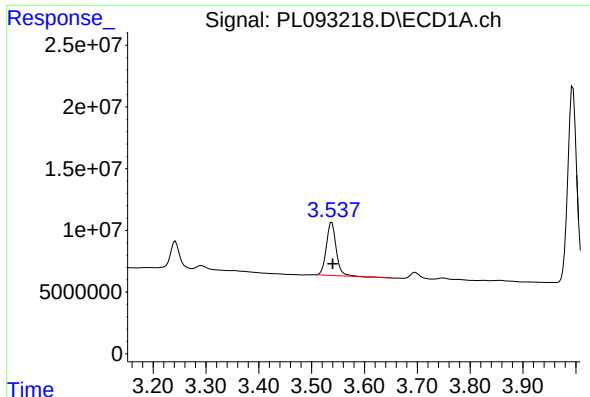
Manual Integrations
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Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 21:22:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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.: 3.538 min
Delta R.T.: -0.002 min
Response: 55540849
Conc: 22.67 ng/ml

Instrument :

ECD_L

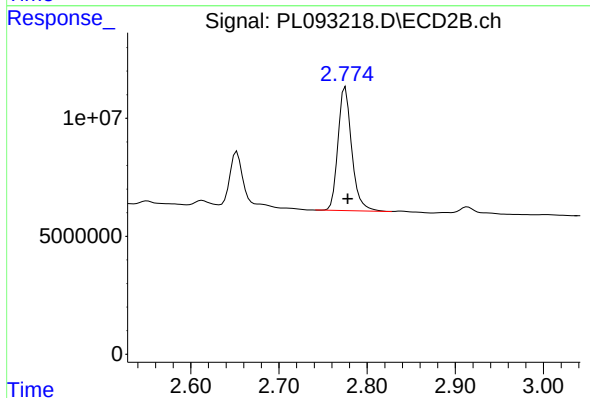
ClientSampleId :

PB165184BS

Manual Integrations

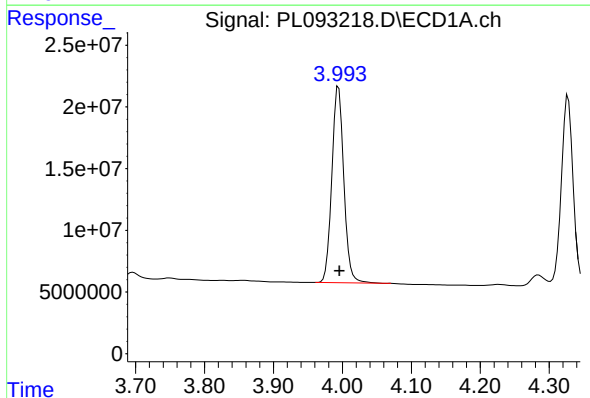
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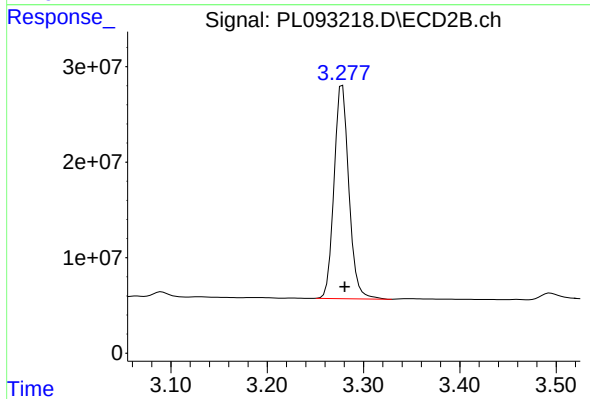
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 56981585
Conc: 20.94 ng/ml



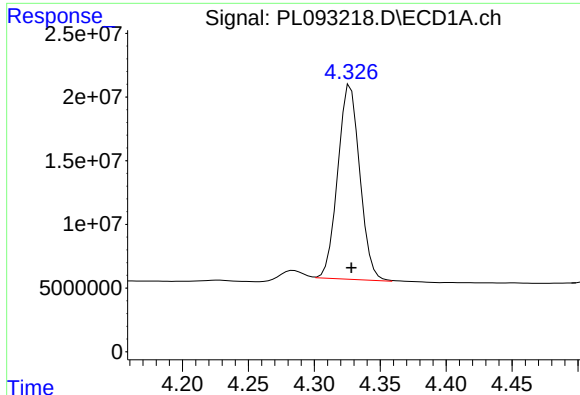
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 191342705
Conc: 56.42 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.002 min
Response: 239404867
Conc: 60.00 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.002 min
Response: 177326667
Conc: 54.40 ng/ml

Instrument :

ECD_L

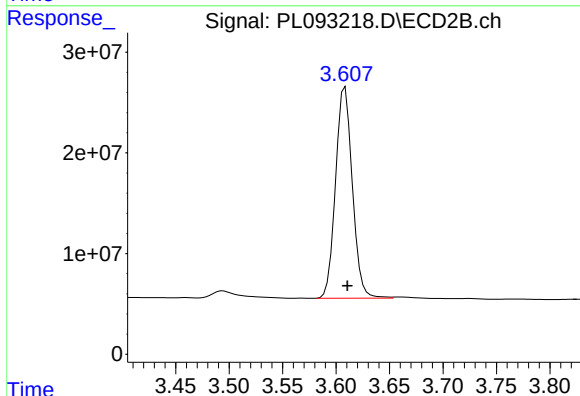
ClientSampleId :

PB165184BS

Manual Integrations

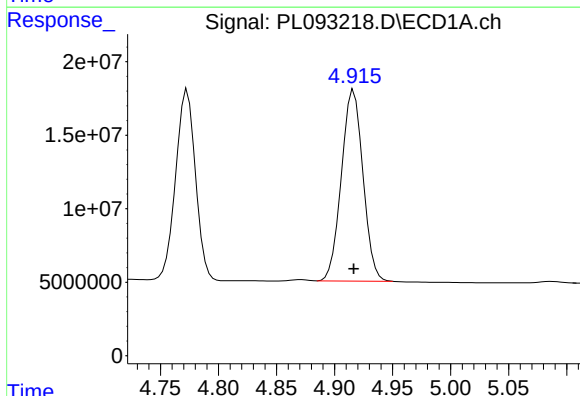
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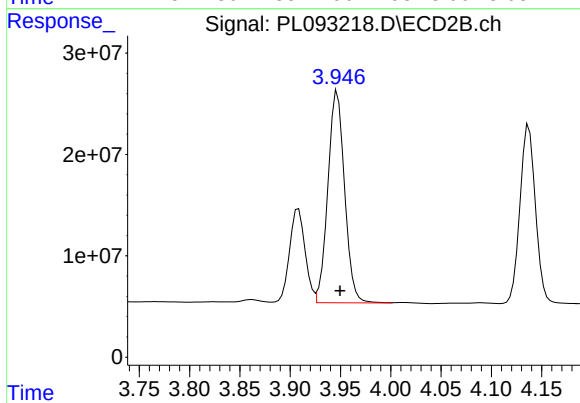
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.002 min
Response: 229473742
Conc: 59.46 ng/ml



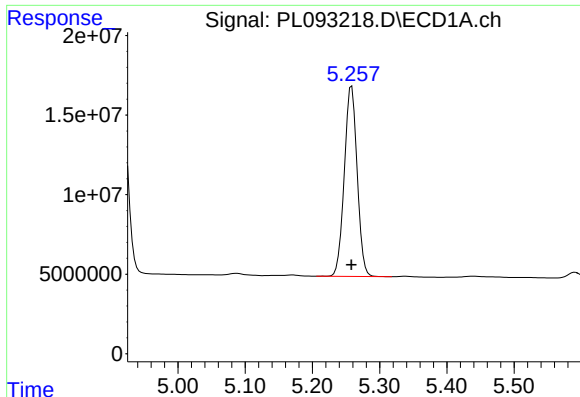
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 168225447
Conc: 56.02 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: -0.002 min
Response: 241442204
Conc: 63.98 ng/ml



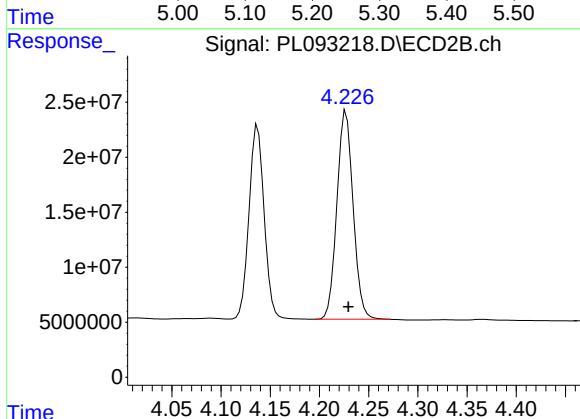
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 158518591
Conc: 52.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165184BS

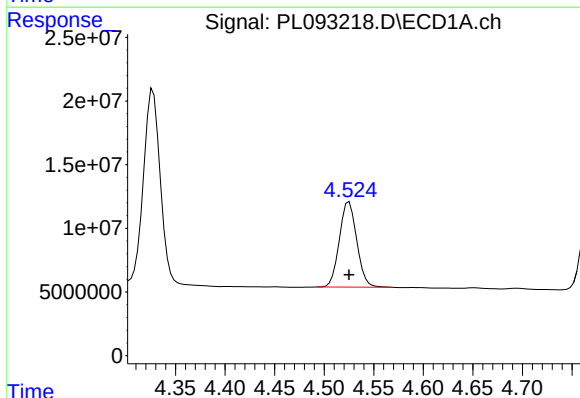
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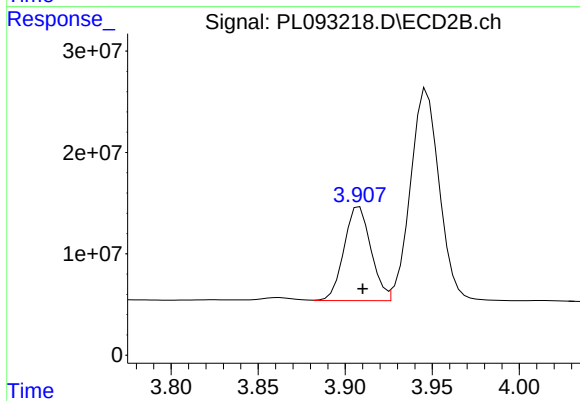
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.002 min
Response: 217635073
Conc: 59.46 ng/ml



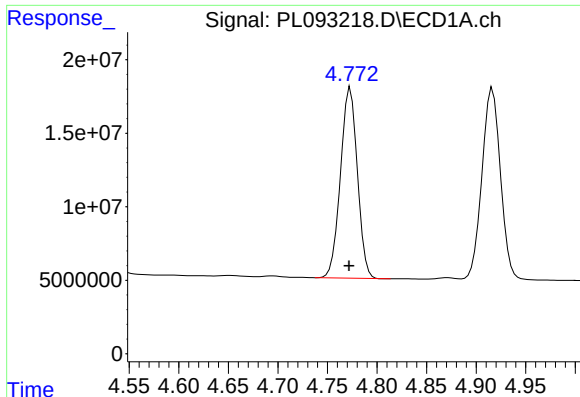
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 81990749
Conc: 56.72 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 99756451
Conc: 60.60 ng/ml



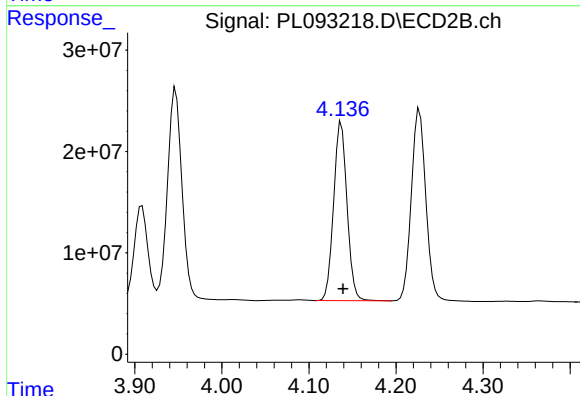
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.001 min
Response: 153664643
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165184BS

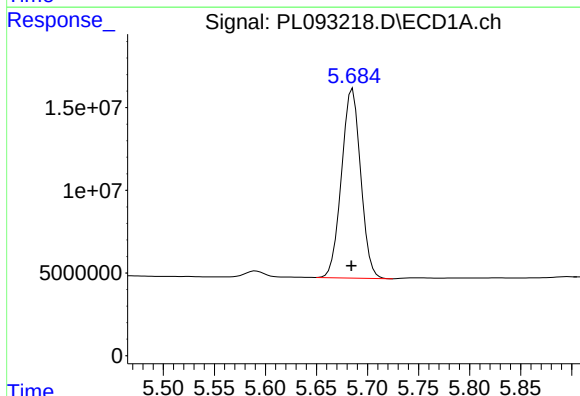
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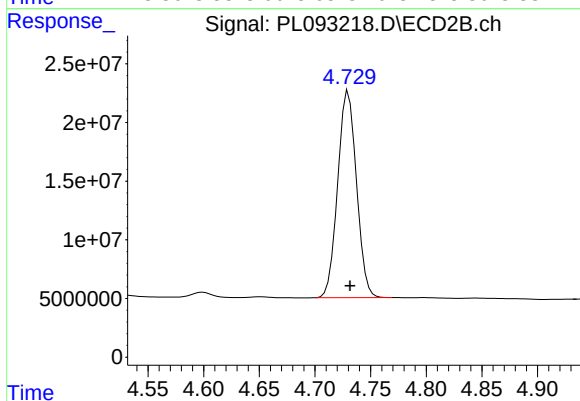
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 189174161
Conc: 49.22 ng/ml



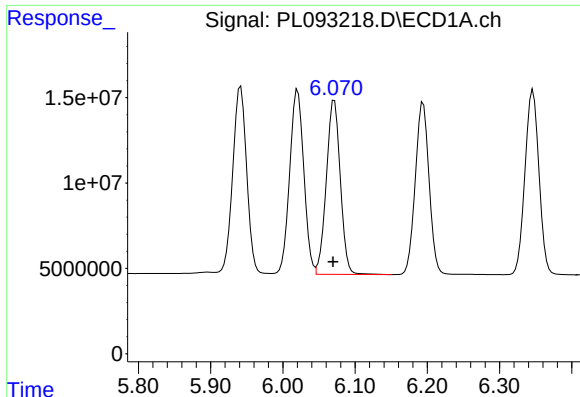
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.001 min
Response: 149467983
Conc: 54.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: -0.002 min
Response: 206974632
Conc: 61.94 ng/ml



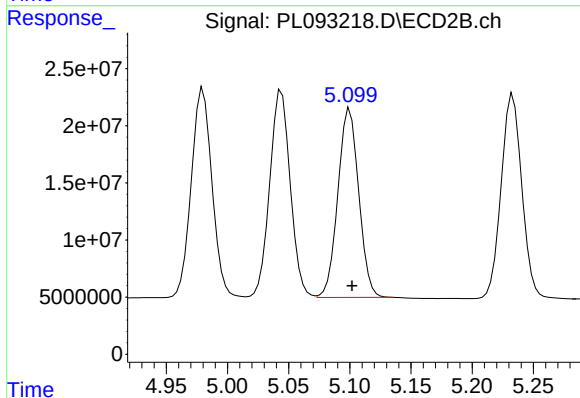
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 137884312
Conc: 55.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165184BS

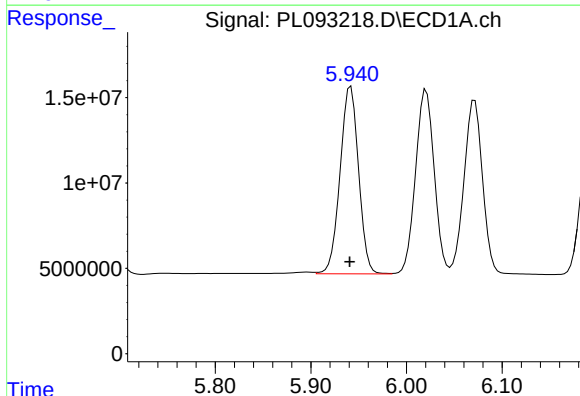
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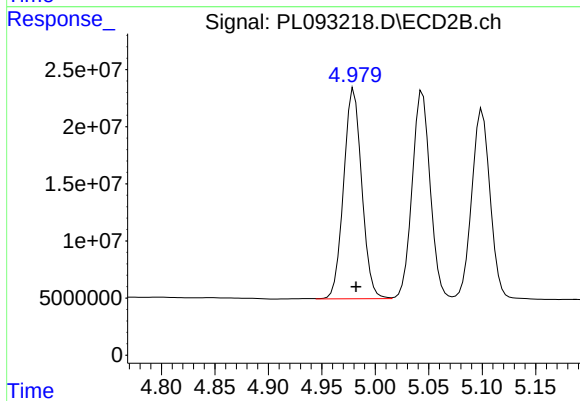
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 196347448
Conc: 64.31 ng/ml



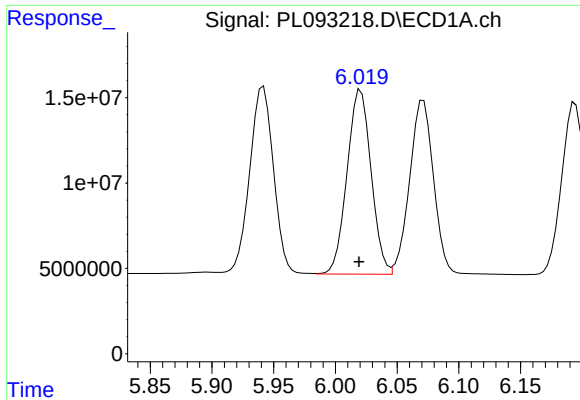
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.001 min
Response: 147944020
Conc: 55.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 217214848
Conc: 64.61 ng/ml



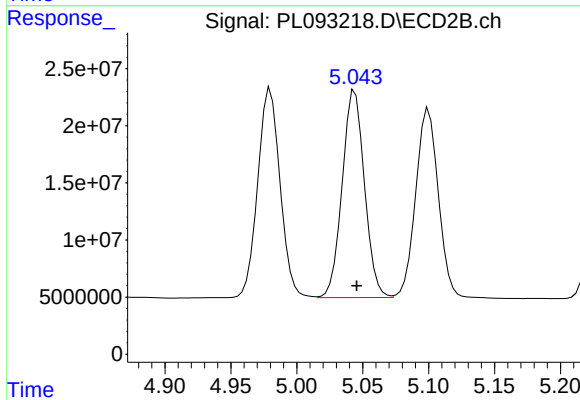
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.001 min
Response: 146625146
Conc: 55.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165184BS

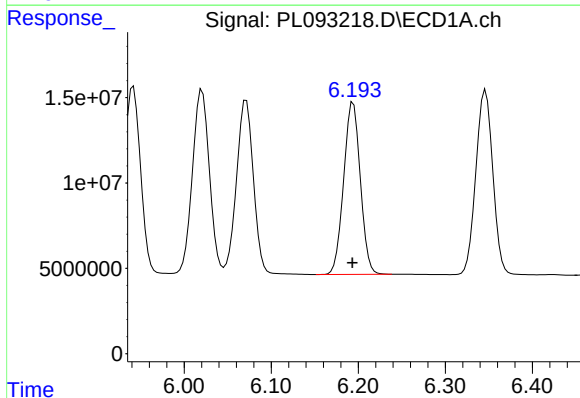
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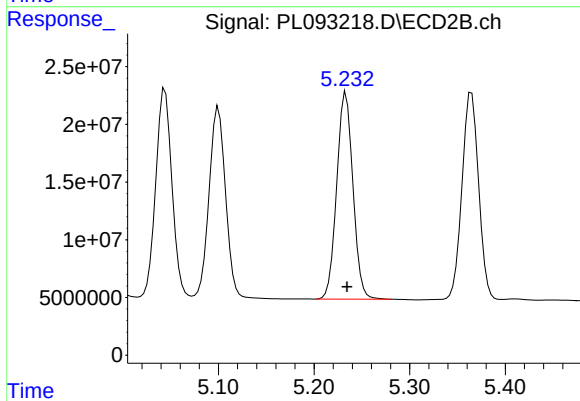
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 213438757
Conc: 64.17 ng/ml



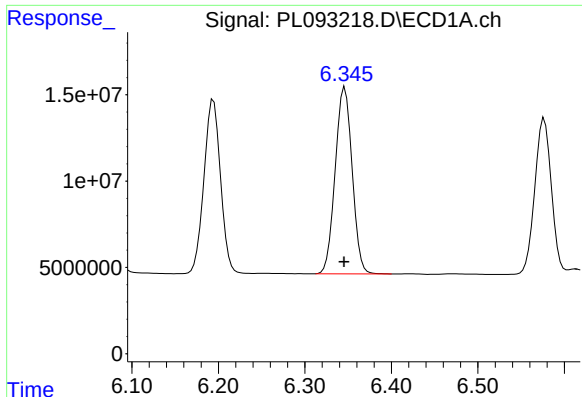
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 134220522
Conc: 56.65 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: -0.001 min
Response: 211288264
Conc: 65.58 ng/ml



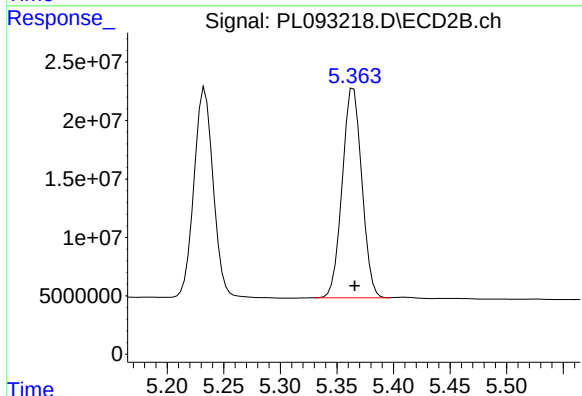
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.001 min
Response: 146413279
Conc: 55.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165184BS

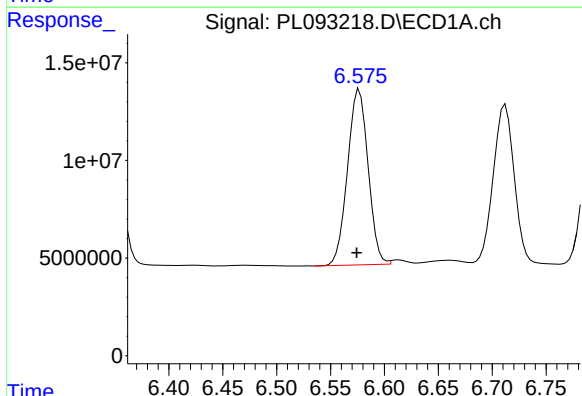
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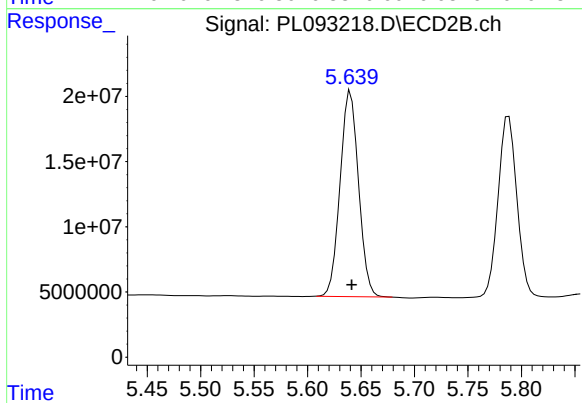
#13 Dieldrin

R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 216320299
Conc: 64.76 ng/ml



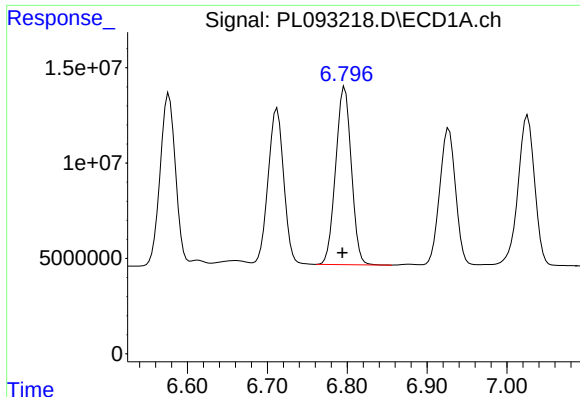
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 119450838
Conc: 52.47 ng/ml



#14 Endrin

R.T.: 5.640 min
Delta R.T.: -0.001 min
Response: 189379609
Conc: 65.46 ng/ml



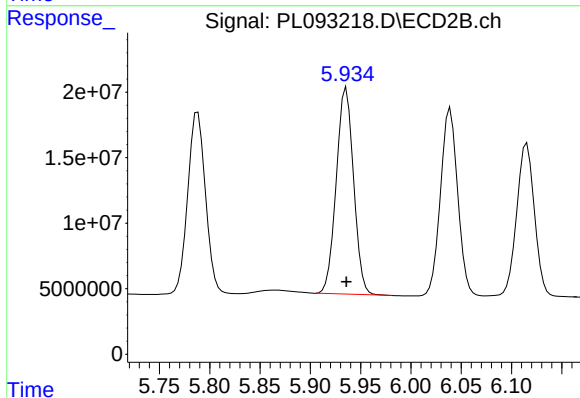
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.003 min
Response: 126911443
Conc: 53.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165184BS

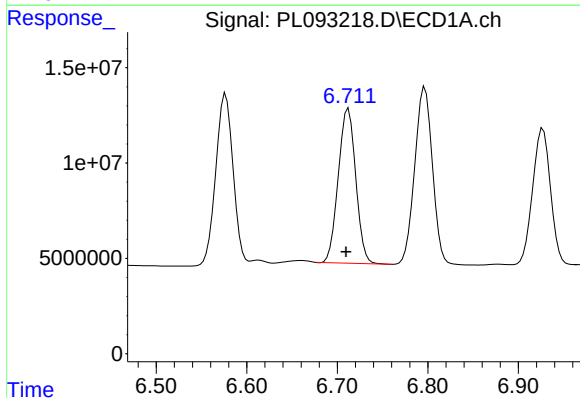
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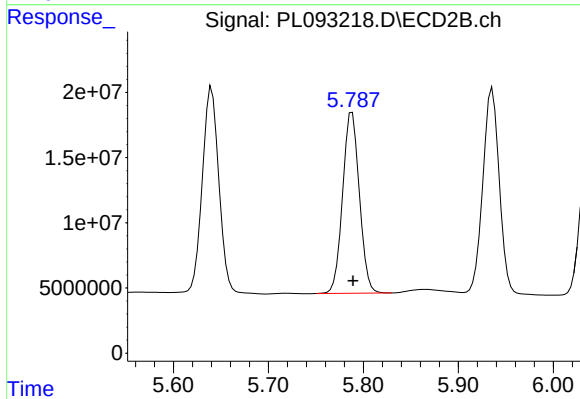
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 188268099
Conc: 66.45 ng/ml



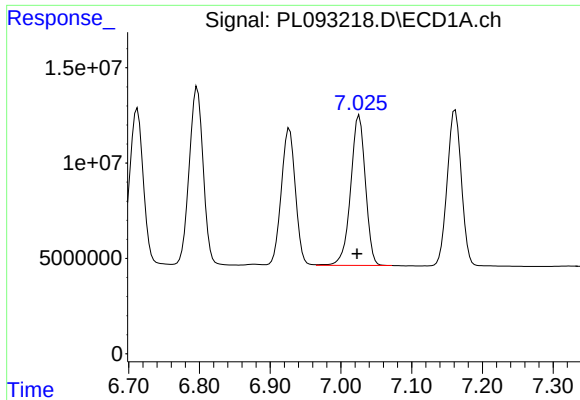
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.003 min
Response: 108852065
Conc: 56.71 ng/ml



#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 170233863
Conc: 68.37 ng/ml



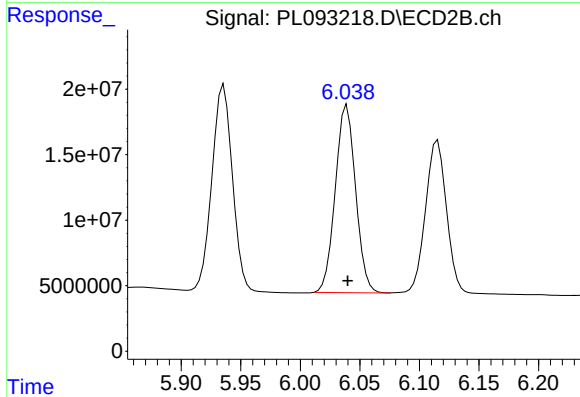
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 114227372
Conc: 55.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165184BS

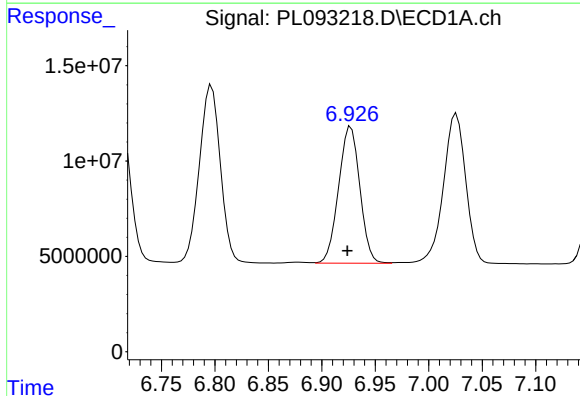
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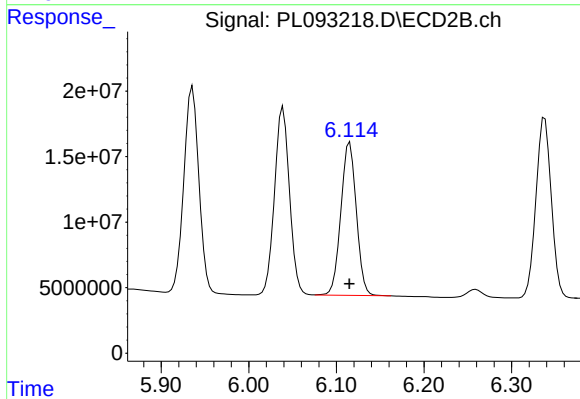
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 169931891
Conc: 63.35 ng/ml



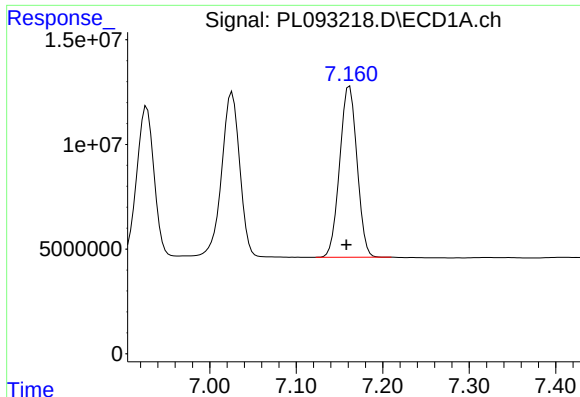
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 99250084
Conc: 52.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 143356946
Conc: 62.13 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.003 min
Response: 113247772
Conc: 52.18 ng/ml

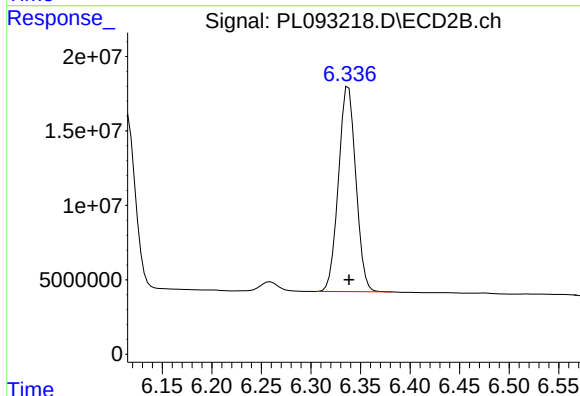
Instrument :

ECD_L

ClientSampleId :
PB165184BS

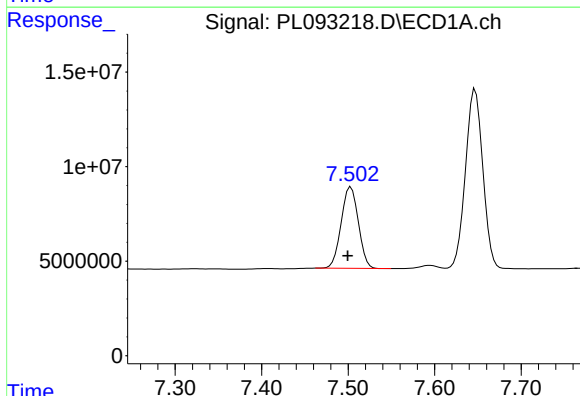
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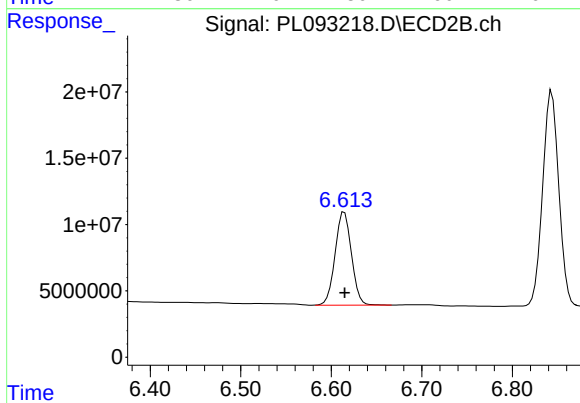
#19 Endosulfan Sulfate

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 168187277
Conc: 62.36 ng/ml



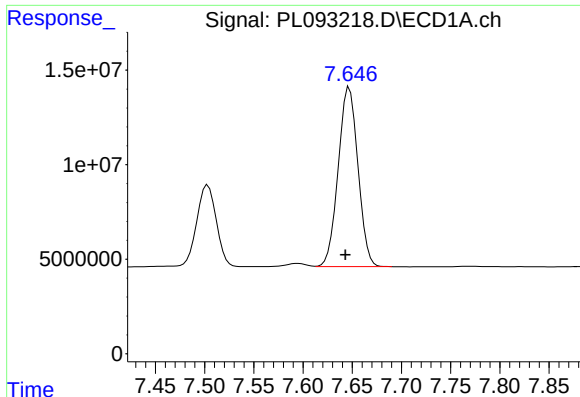
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.004 min
Response: 59114365
Conc: 51.85 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 87956703
Conc: 61.59 ng/ml



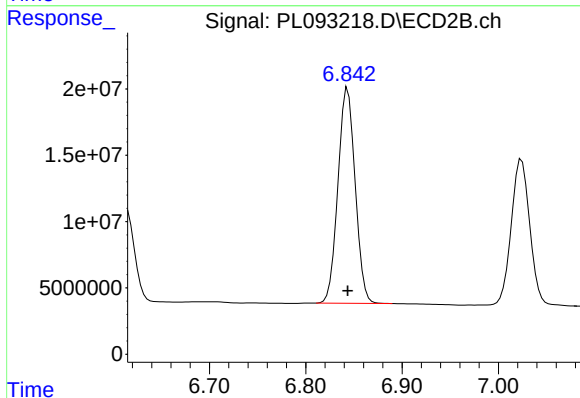
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.004 min
Response: 132520252
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165184BS

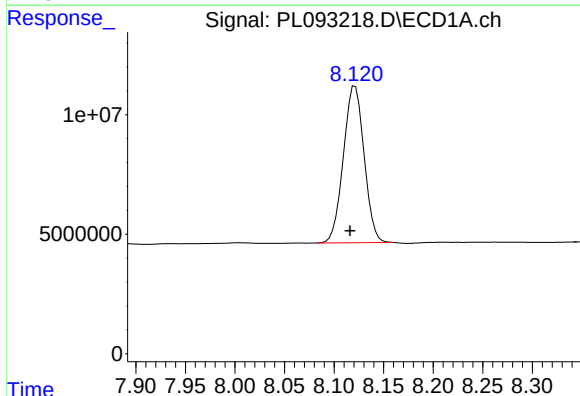
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Reviewed By :Yogesh Patel 11/25/2024
Supervised By :Ankita Jodhani 11/25/2024



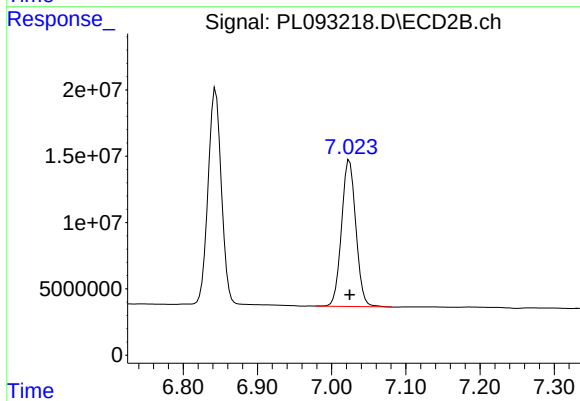
#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 201473222
Conc: 65.65 ng/ml



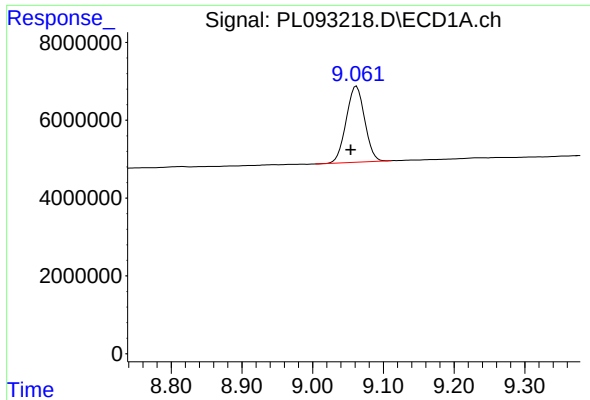
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.005 min
Response: 95469328
Conc: 48.18 ng/ml



#22 Mirex

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 148510892
Conc: 56.92 ng/ml



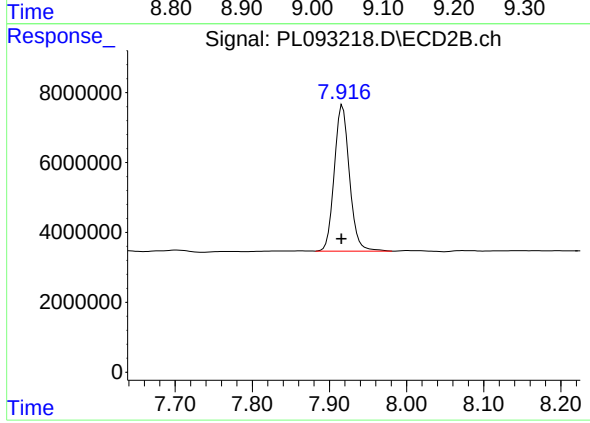
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.008 min
Response: 35649118
Conc: 18.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165184BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 11/25/2024



#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: 0.001 min
Response: 57156997
Conc: 20.94 ng/ml