

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
 Data File : PL093510.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2024 19:47
 Operator : AR\AJ
 Sample : P5355-01MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR251688MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/26/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 01:49:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.777	27723317	31860323	11.198m	10.944
2)	SA Decachlor...	9.052	7.912	12050220	18644675	6.517	6.244
Target Compounds							
2)	A alpha-BHC	3.996	3.280	144.7E6	190.6E6	41.901	43.850
3)	MA gamma-BHC...	4.328	3.609	131.2E6	183.0E6	40.014	43.383
4)	MA Heptachlor	4.916	3.948	121.4E6	184.2E6	41.440	44.332
5)	MB Aldrin	5.258	4.227	114.4E6	167.8E6	39.334	40.895
6)	B beta-BHC	4.526	3.909	60516143	85298956	41.979	47.454
7)	B delta-BHC	4.773	4.138	125.9E6	177.8E6	41.117	42.040
8)	B Heptachlo...	5.684	4.729	106.3E6	161.0E6	40.356	42.057
9)	A Endosulfan I	6.069	5.099	92794776	136.4E6	39.332	39.049
10)	B gamma-Chl...	5.940	4.978	138.7E6	224.2E6	55.210	58.177m
11)	B alpha-Chl...	6.020	5.043	167.4E6	219.9E6	66.873	57.762
12)	B 4,4'-DDE	6.192	5.231	99672113	172.6E6	44.420	46.937
13)	MA Dieldrin	6.344	5.363	102.2E6	163.8E6	40.941	42.513
14)	MA Endrin	6.573	5.639	87219632	143.3E6	40.521	43.322
15)	B Endosulfa...	6.794	5.934	89401611	158.7E6	39.327	48.832
16)	A 4,4'-DDD	6.710	5.786	83280129	121.3E6	47.427	42.854
17)	MA 4,4'-DDT	7.023	6.036	84454879	139.5E6	45.688	46.203
18)	B Endrin al...	6.922	6.112	66678609	119.2E6	37.575m	44.273
19)	B Endosulfa...	7.158	6.335	92011220	130.5E6	45.572	41.382
20)	A Methoxychlor	7.499	6.611	40635081	62917577	40.648	39.088
21)	B Endrin ke...	7.643	6.840	90776205	145.2E6	40.456	39.879
22)	Mirex	8.115	7.020	68933054	110.7E6	36.888	36.231

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

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Data File : PL093510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 19:47
Operator : AR\AJ
Sample : P5355-01MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

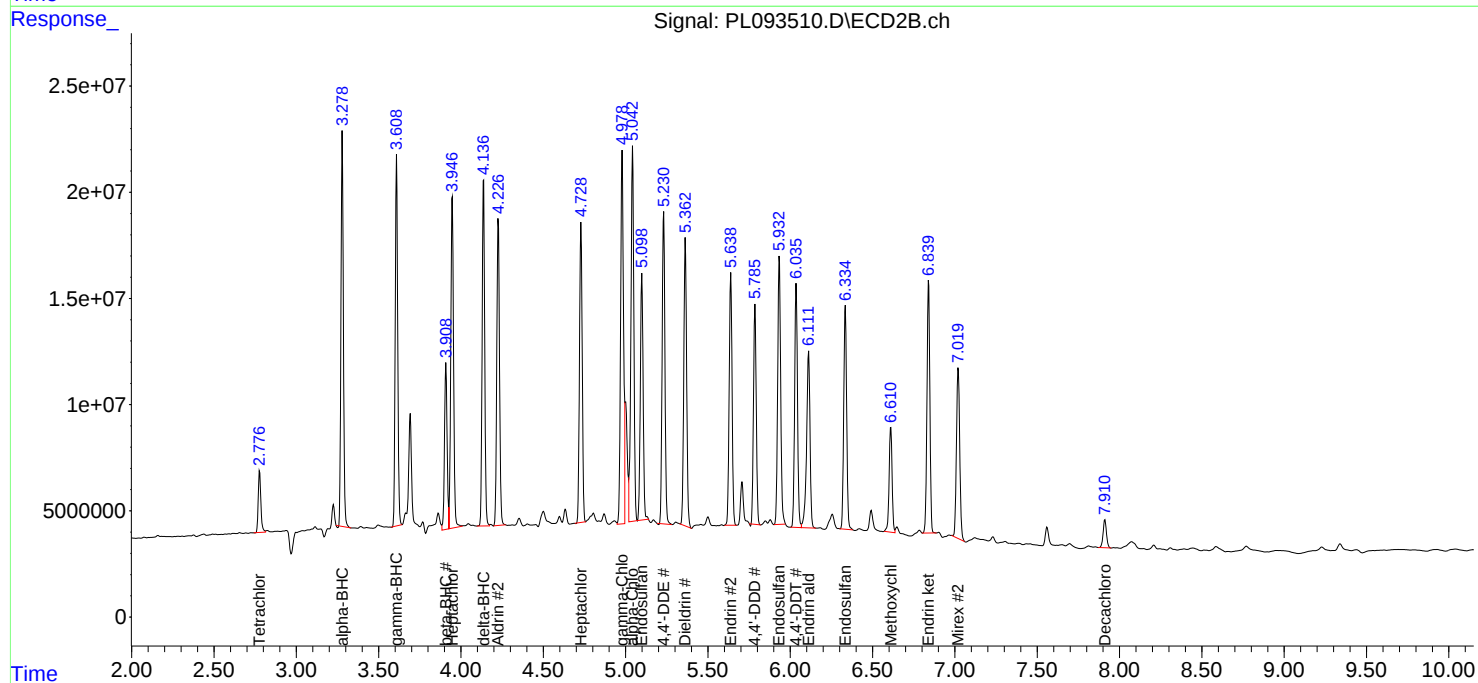
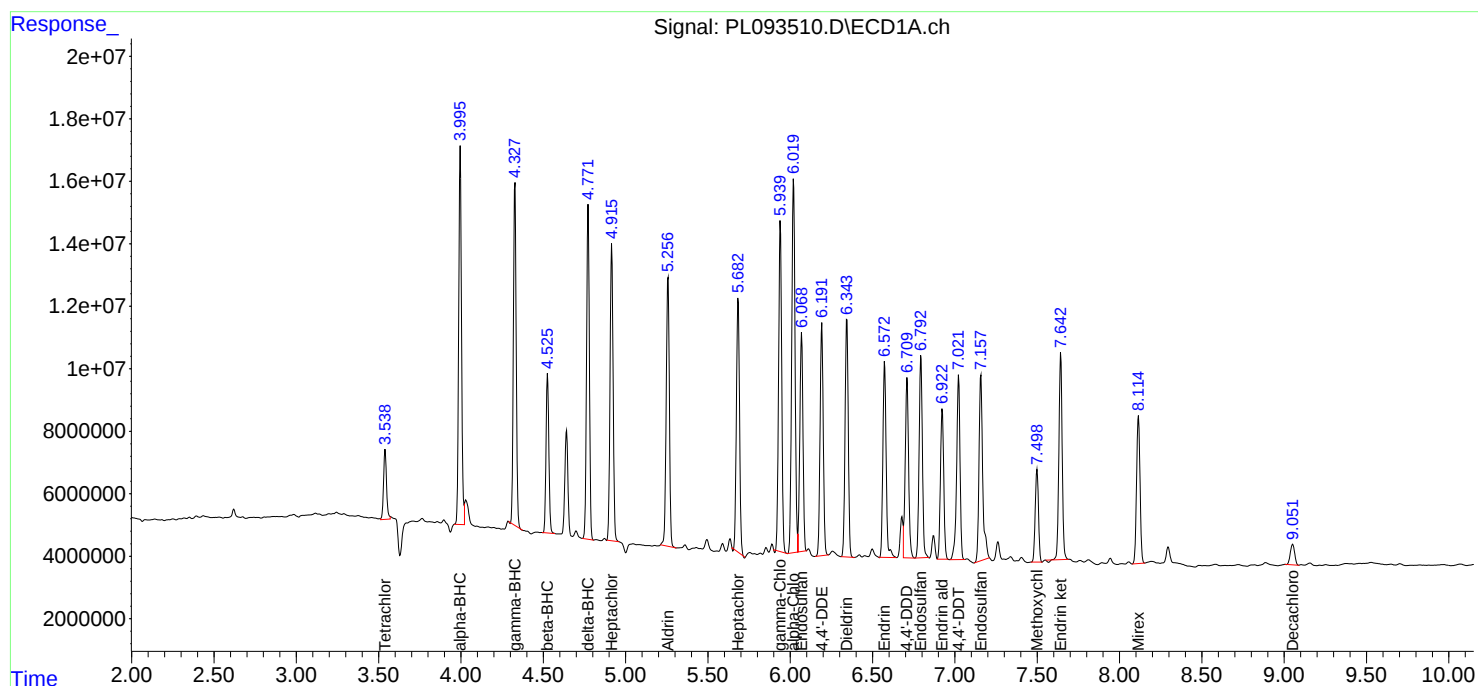
Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

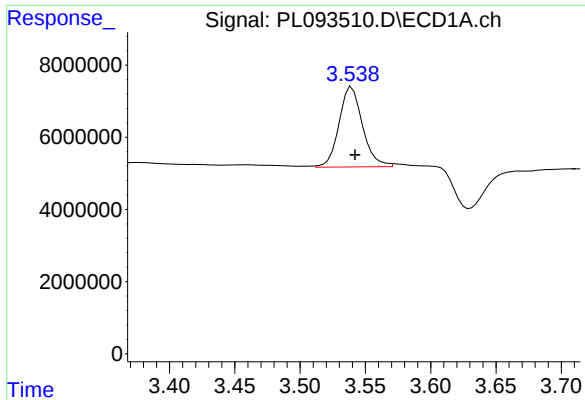
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 25 01:49:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
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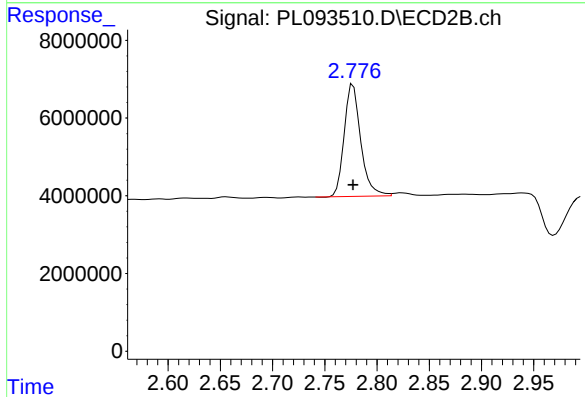
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.004 min
Response: 27723317
Conc: 11.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

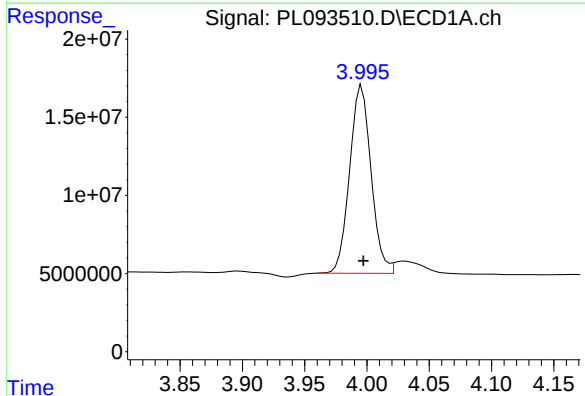
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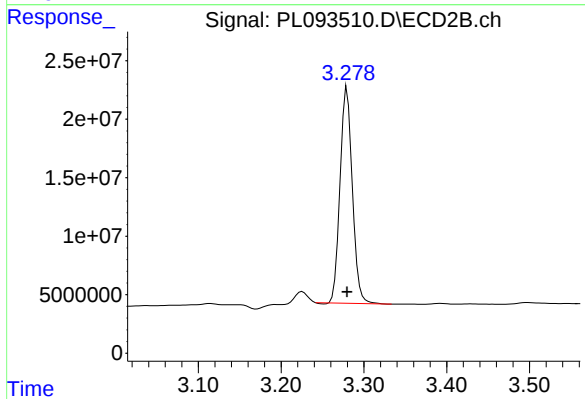
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 31860323
Conc: 10.94 ng/ml



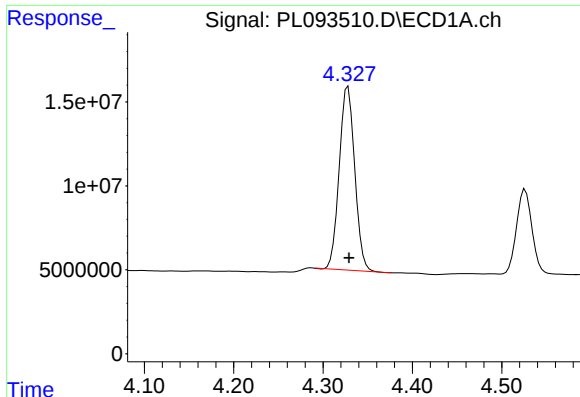
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 144659404
Conc: 41.90 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 190607735
Conc: 43.85 ng/ml



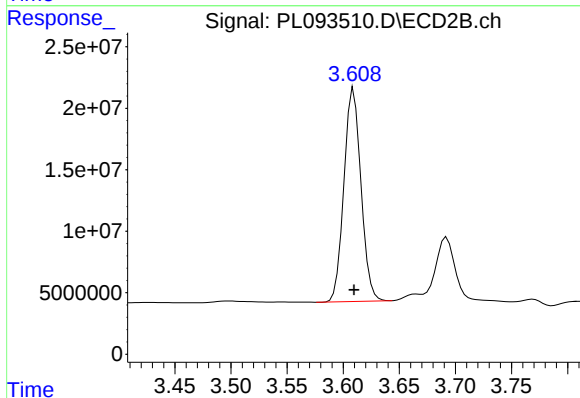
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 131222012
Conc: 40.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

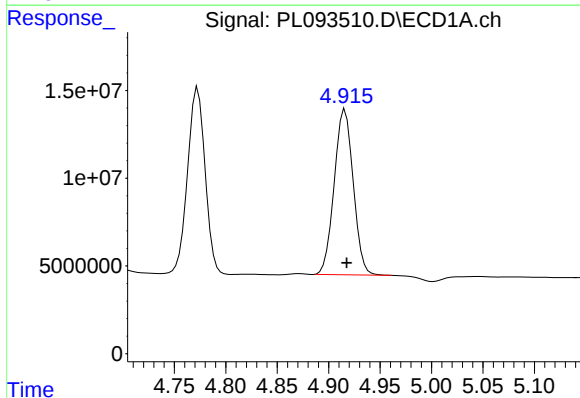
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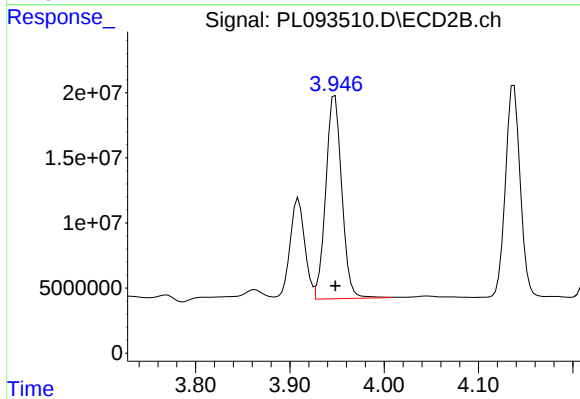
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.000 min
Response: 183049906
Conc: 43.38 ng/ml



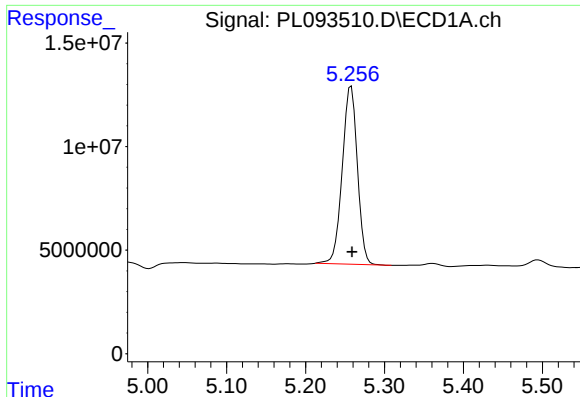
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 121350123
Conc: 41.44 ng/ml



#4 Heptachlor

R.T.: 3.948 min
Delta R.T.: 0.000 min
Response: 184241280
Conc: 44.33 ng/ml



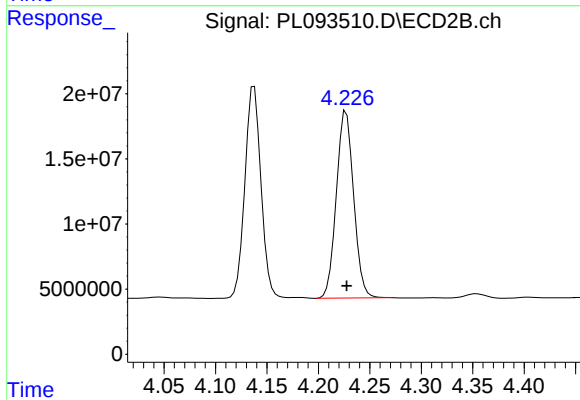
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 114417155
Conc: 39.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

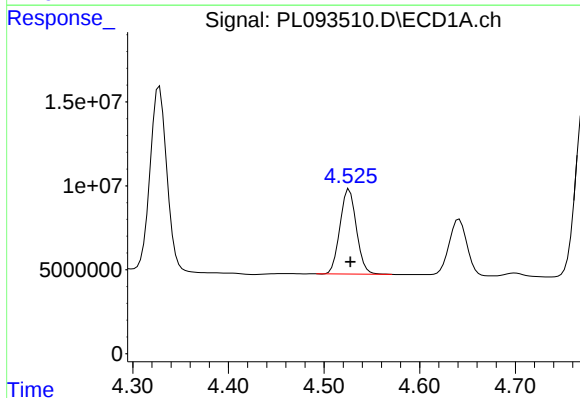
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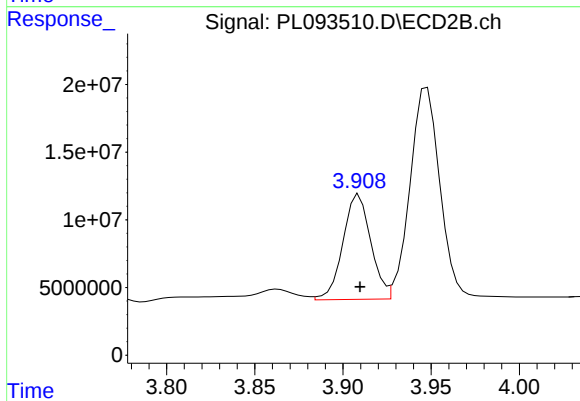
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: 0.000 min
Response: 167761382
Conc: 40.89 ng/ml



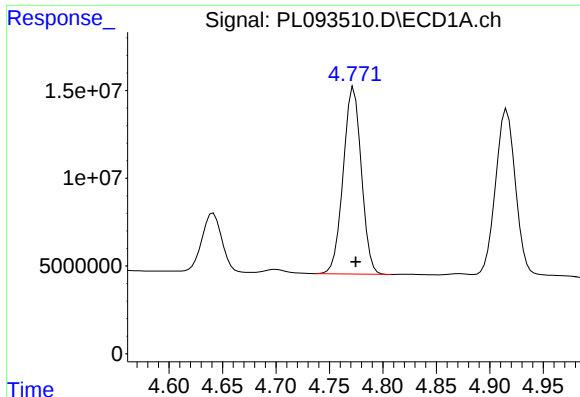
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 60516143
Conc: 41.98 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 85298956
Conc: 47.45 ng/ml



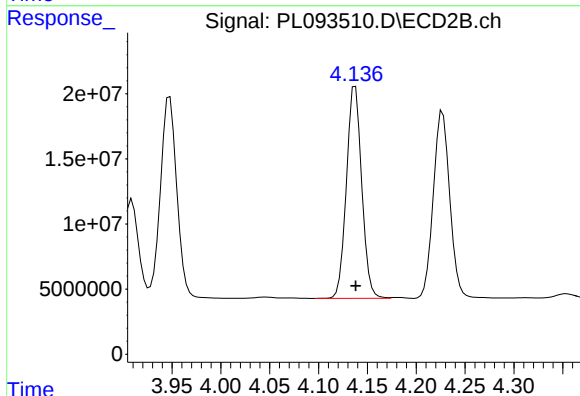
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 125925678
Conc: 41.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

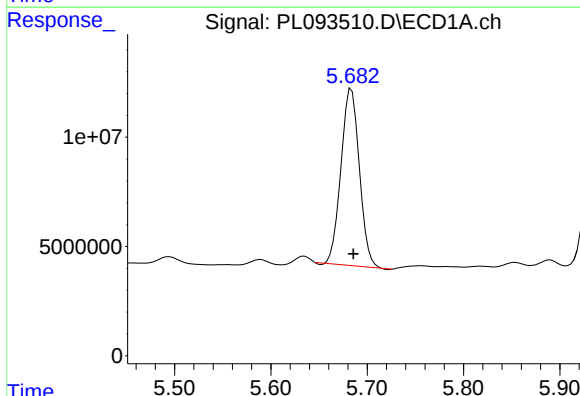
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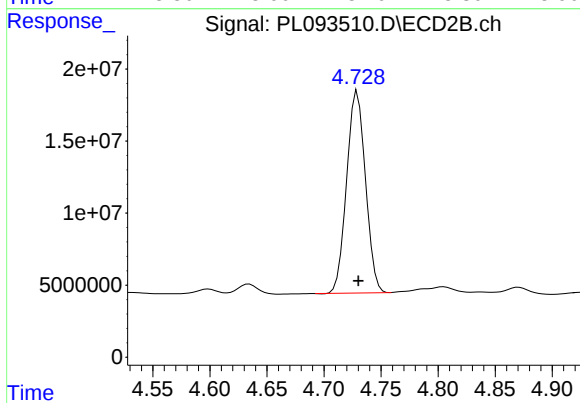
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 177780149
Conc: 42.04 ng/ml



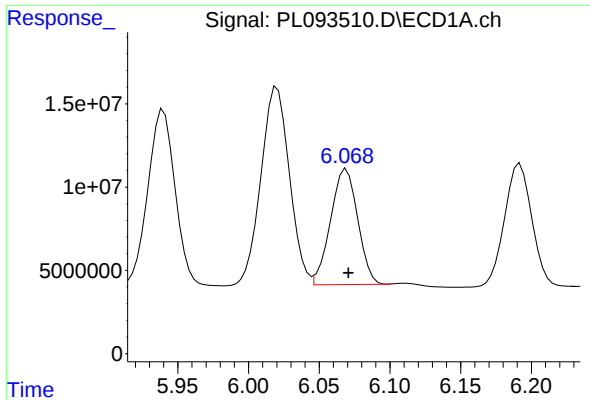
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 106312553
Conc: 40.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 161024250
Conc: 42.06 ng/ml



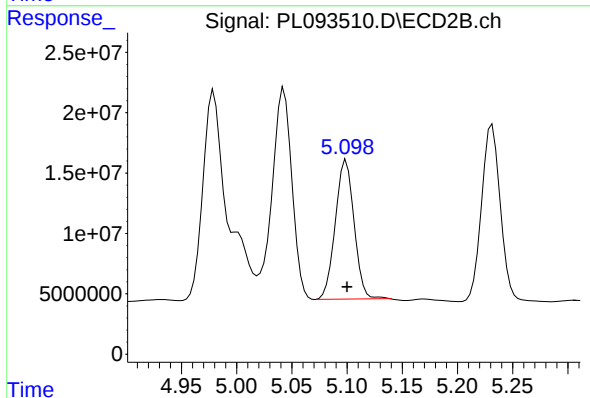
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: -0.001 min
Response: 92794776
Conc: 39.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

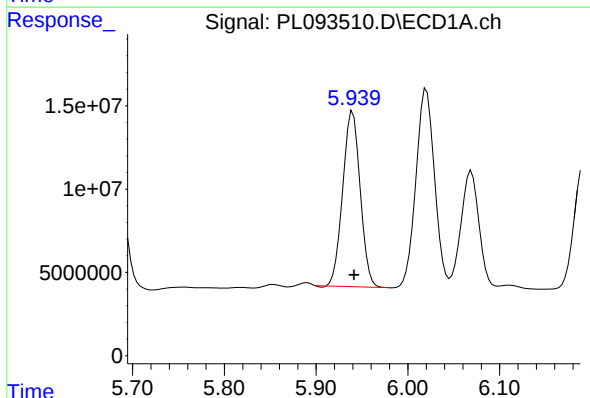
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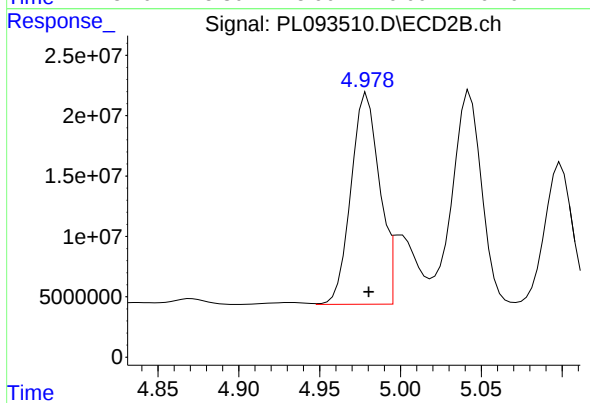
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 136433982
Conc: 39.05 ng/ml



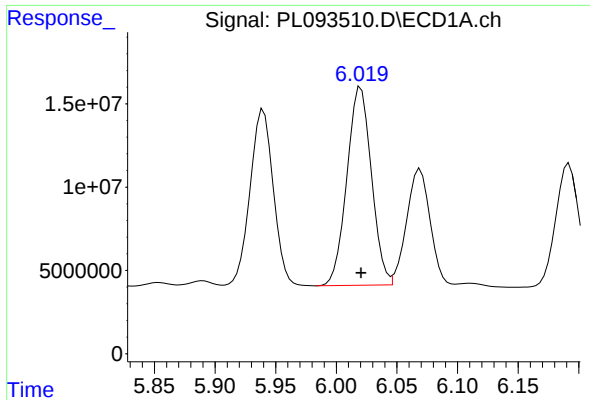
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 138747107
Conc: 55.21 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 224156865
Conc: 58.18 ng/ml m



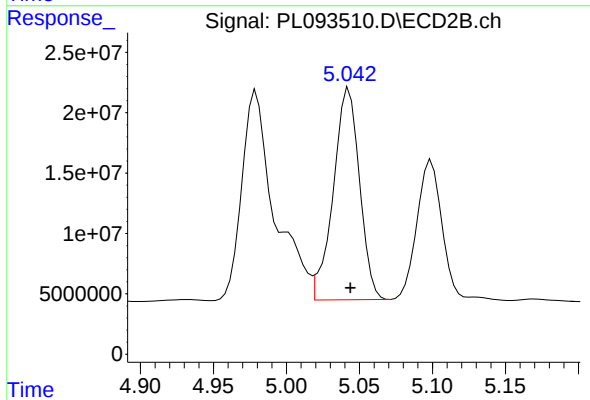
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 167377437
Conc: 66.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

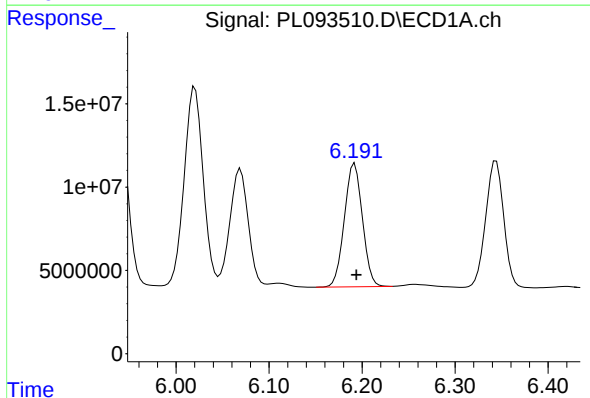
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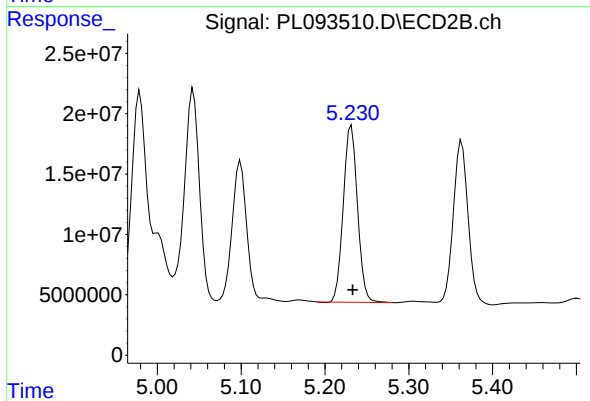
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 219921399
Conc: 57.76 ng/ml



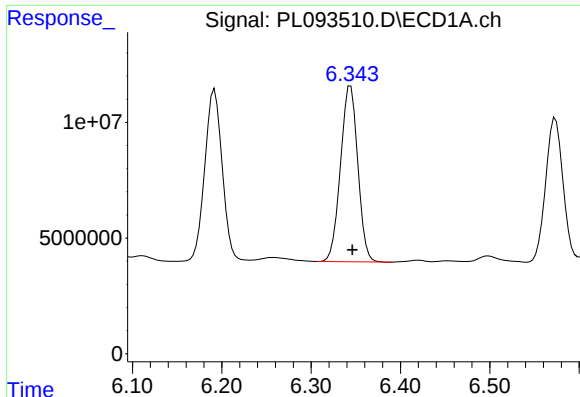
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 99672113
Conc: 44.42 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 172597470
Conc: 46.94 ng/ml



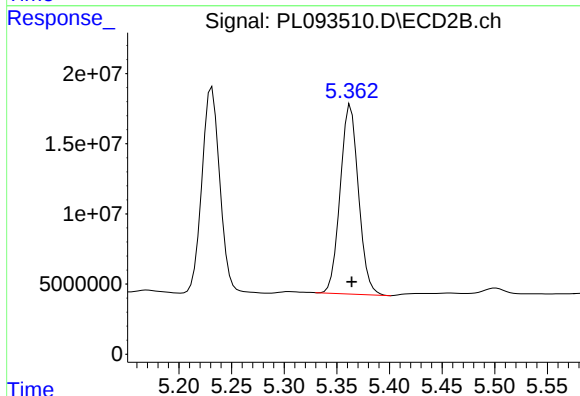
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 102152060
Conc: 40.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
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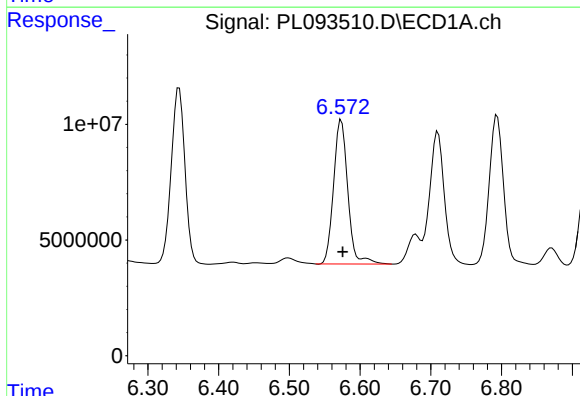
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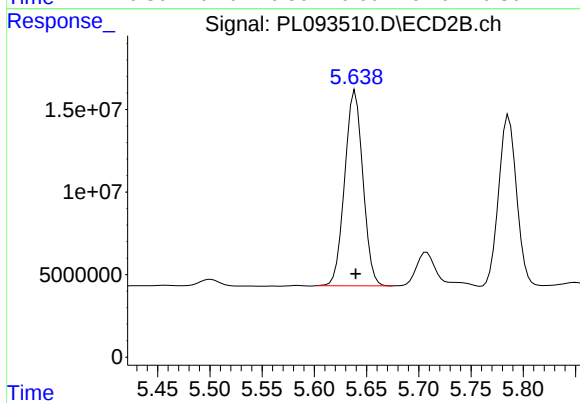
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.001 min
Response: 163838926
Conc: 42.51 ng/ml



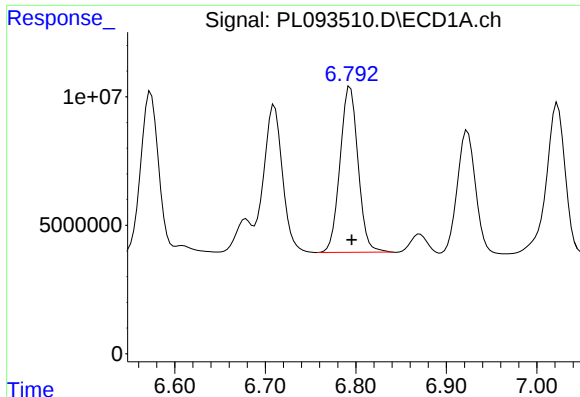
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 87219632
Conc: 40.52 ng/ml



#14 Endrin

R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 143323952
Conc: 43.32 ng/ml



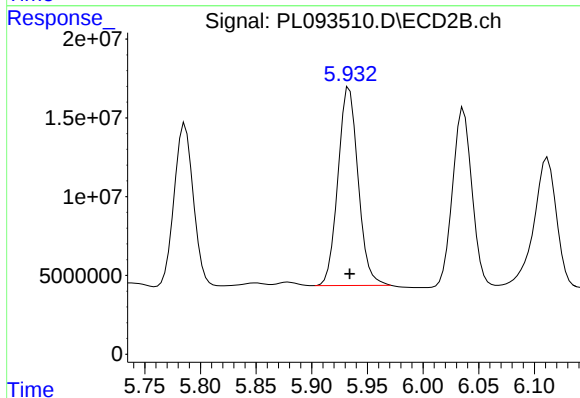
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 89401611
Conc: 39.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

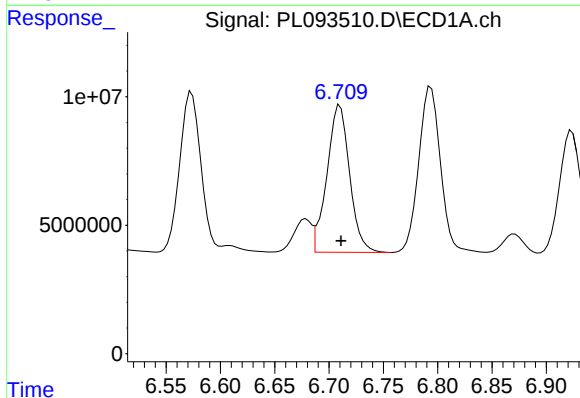
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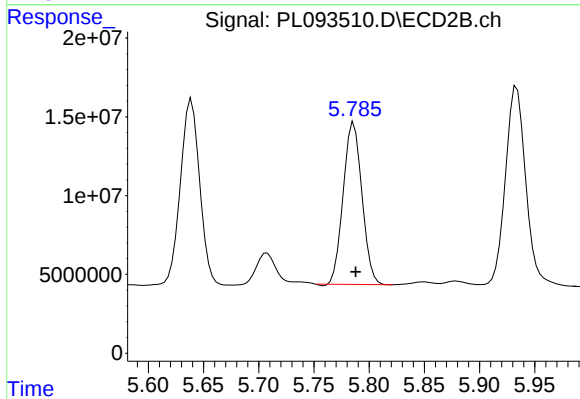
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 158651518
Conc: 48.83 ng/ml



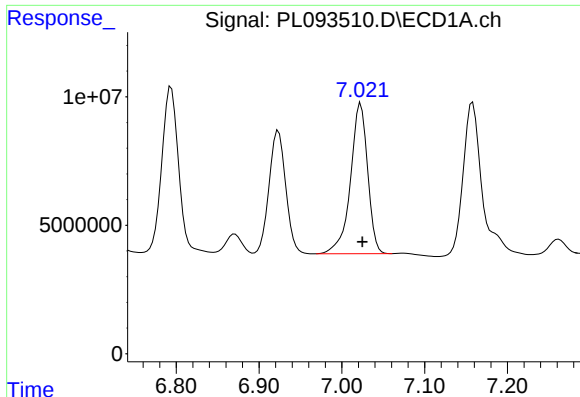
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 83280129
Conc: 47.43 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 121283518
Conc: 42.85 ng/ml



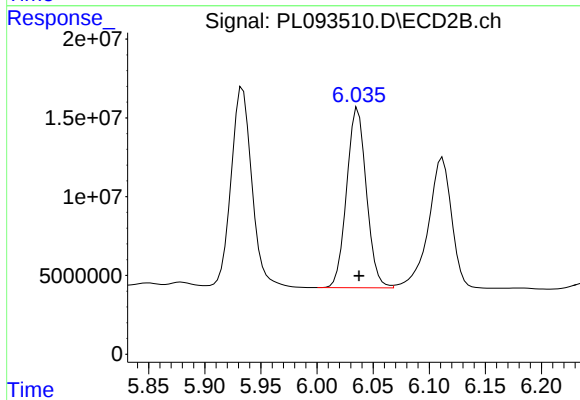
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 84454879
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

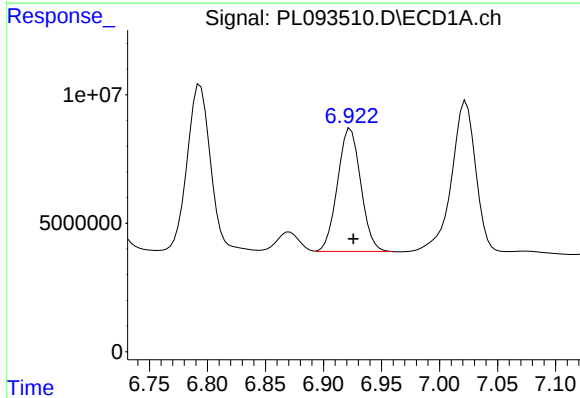
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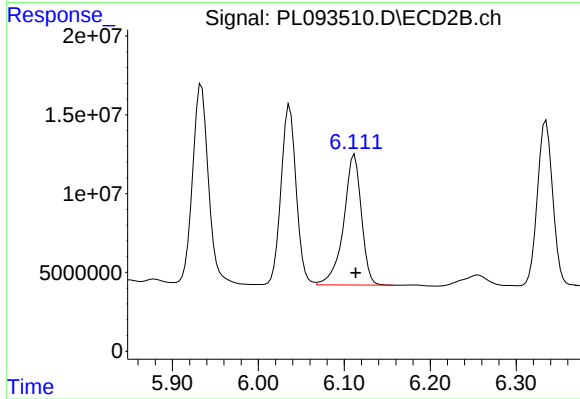
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 139546388
Conc: 46.20 ng/ml



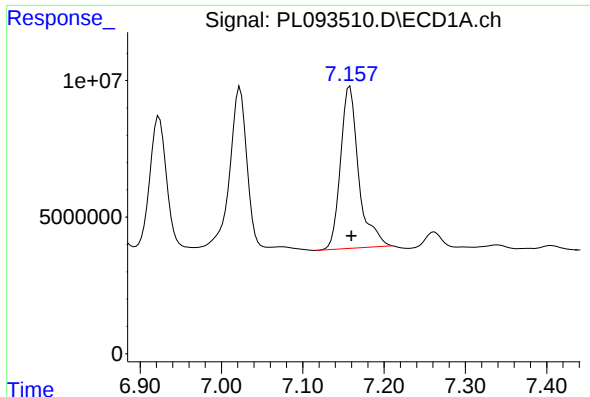
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.004 min
Response: 66678609
Conc: 37.58 ng/ml m



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.001 min
Response: 119230733
Conc: 44.27 ng/ml



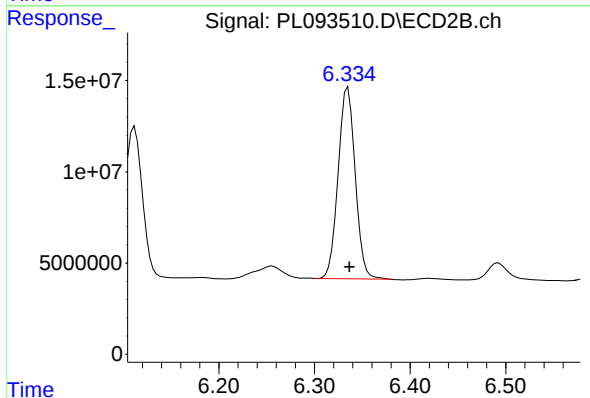
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 92011220
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

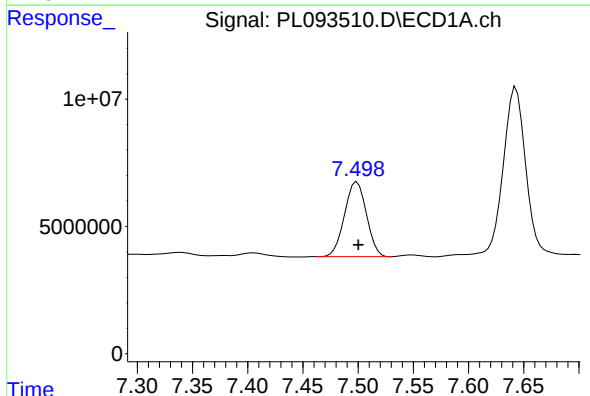
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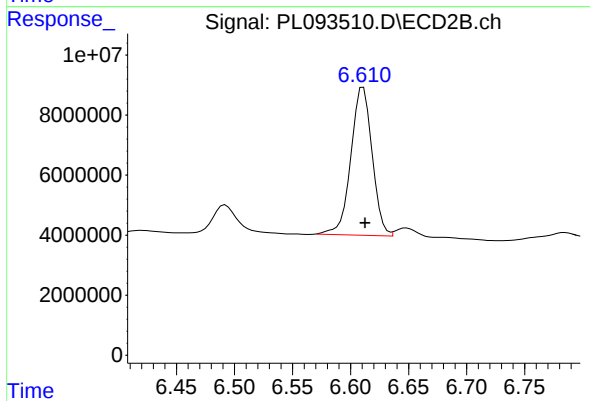
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 130536544
Conc: 41.38 ng/ml



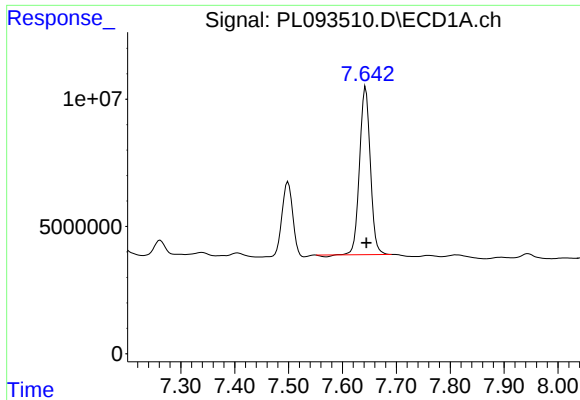
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.001 min
Response: 40635081
Conc: 40.65 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 62917577
Conc: 39.09 ng/ml



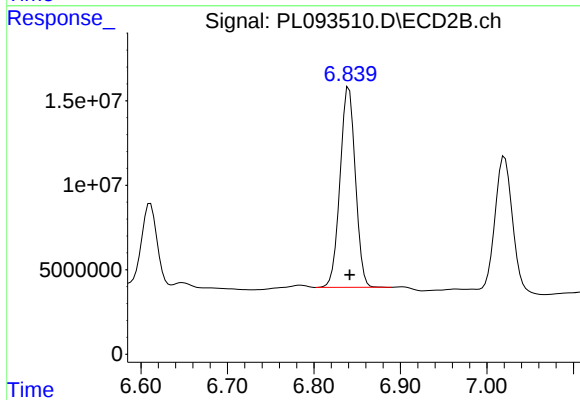
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 90776205
Conc: 40.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

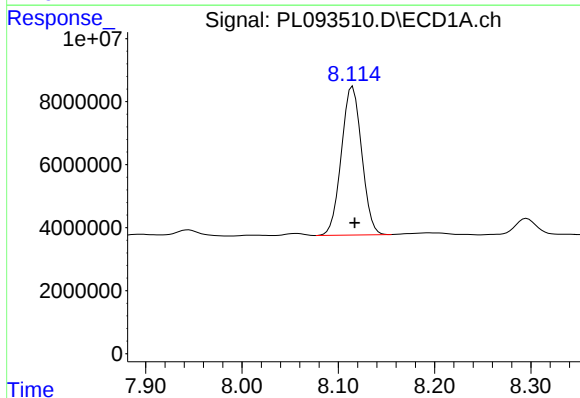
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2024
Supervised By :Ankita Jodhani 12/27/2024



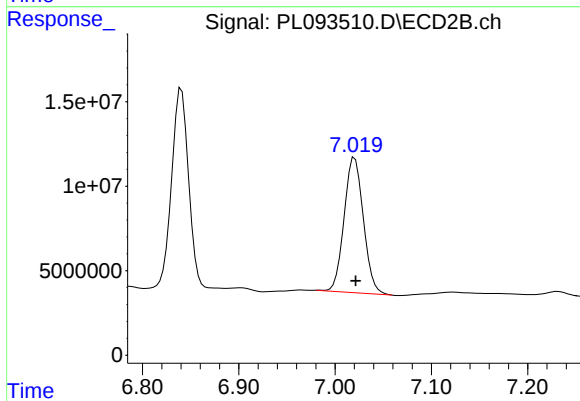
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 145173451
Conc: 39.88 ng/ml



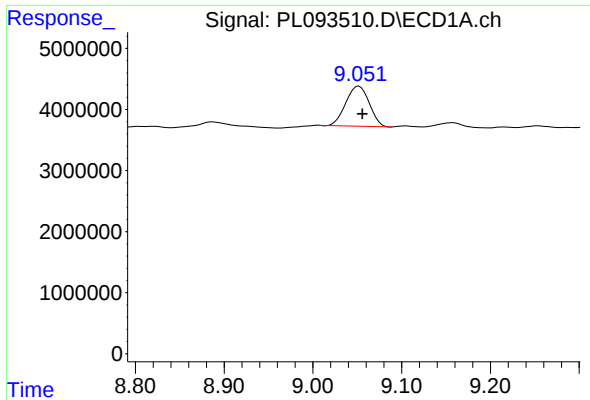
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 68933054
Conc: 36.89 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: -0.001 min
Response: 110741955
Conc: 36.23 ng/ml



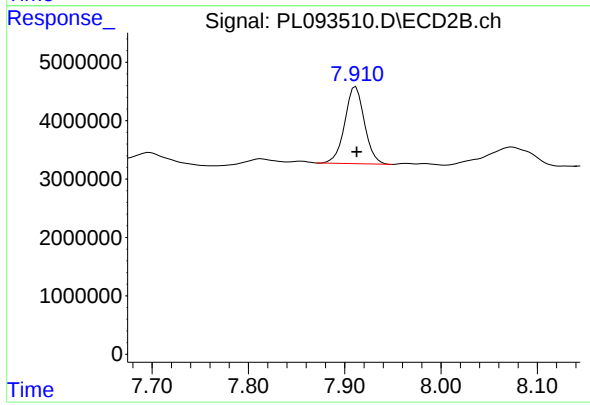
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 12050220
Conc: 6.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 18644675
Conc: 6.24 ng/ml