

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2024 16:26
 Operator : AR\AJ
 Sample : P3717-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 02:08:26 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...	3.545	2.785	45875304	44773344	21.365	22.937
28)	SA Decachlor...	9.056	7.922	34340812	37214354	22.525	19.647m
Target Compounds							
2)	A alpha-BHC	4.000	3.289	159.7E6	173.3E6	53.269	62.475
3)	MA gamma-BHC...	4.333	3.619	152.2E6	158.9E6	53.049	60.338
4)	MA Heptachlor	4.921	3.958	142.3E6	156.0E6	53.430	60.383
5)	MB Aldrin	5.263	4.238	132.8E6	146.7E6	51.460	59.663
6)	B beta-BHC	4.529	3.917	74039910	68645317	54.749	58.319
7)	B delta-BHC	4.776	4.146	144.8E6	152.9E6	53.176	60.322
8)	B Heptachlo...	5.688	4.740	124.6E6	131.3E6	50.948	58.226
9)	A Endosulfan I	6.073	5.110	114.0E6	124.2E6	50.778	58.842
10)	B gamma-Chl...	5.944	4.990	122.7E6	137.5E6	50.765	58.144
11)	B alpha-Chl...	6.022	5.054	122.0E6	136.9E6	50.650	58.203
12)	B 4,4'-DDE	6.195	5.243	107.7E6	125.3E6	51.499	59.945
13)	MA Dieldrin	6.347	5.373	119.1E6	131.8E6	50.553m	57.883m
14)	MA Endrin	6.576	5.649	104.2E6	116.9E6	53.728m	57.408
15)	B Endosulfa...	6.796	5.943	104.2E6	110.2E6	51.483	56.967
16)	A 4,4'-DDD	6.712	5.796	91331059	96192357	60.429	58.271m
17)	MA 4,4'-DDT	7.026	6.047	95706297	102.8E6	53.917	57.886
18)	B Endrin al...	6.926	6.123	79547584	83098113	49.829	53.347
19)	B Endosulfa...	7.161	6.345	100.3E6	105.2E6	52.300	54.569
20)	A Methoxychlor	7.501	6.622	52653153	55075488	55.998	55.465
21)	B Endrin ke...	7.646	6.850	108.3E6	113.2E6	51.589	51.954
22)	Mirex	8.119	7.030	83490342	95884338	49.079	51.373m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
Data File : PL091315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2024 16:26
Operator : AR\AJ
Sample : P3717-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

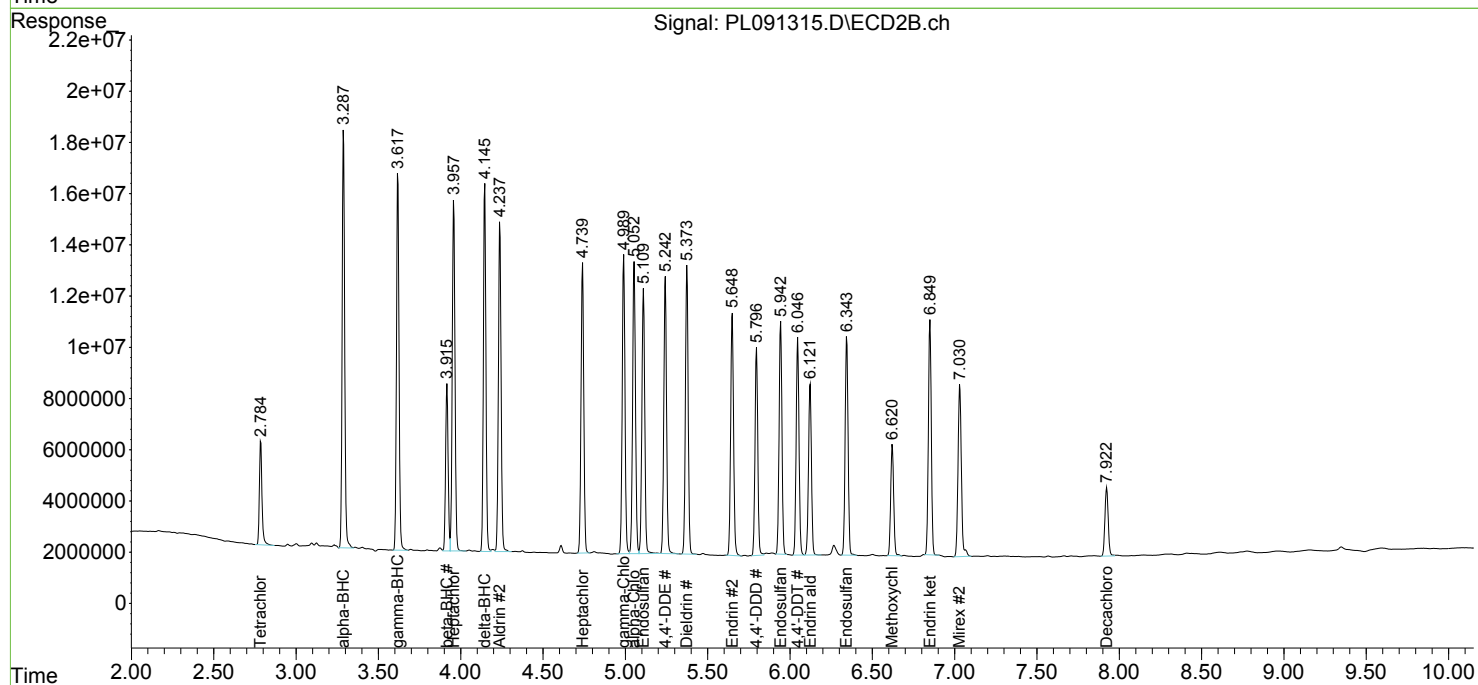
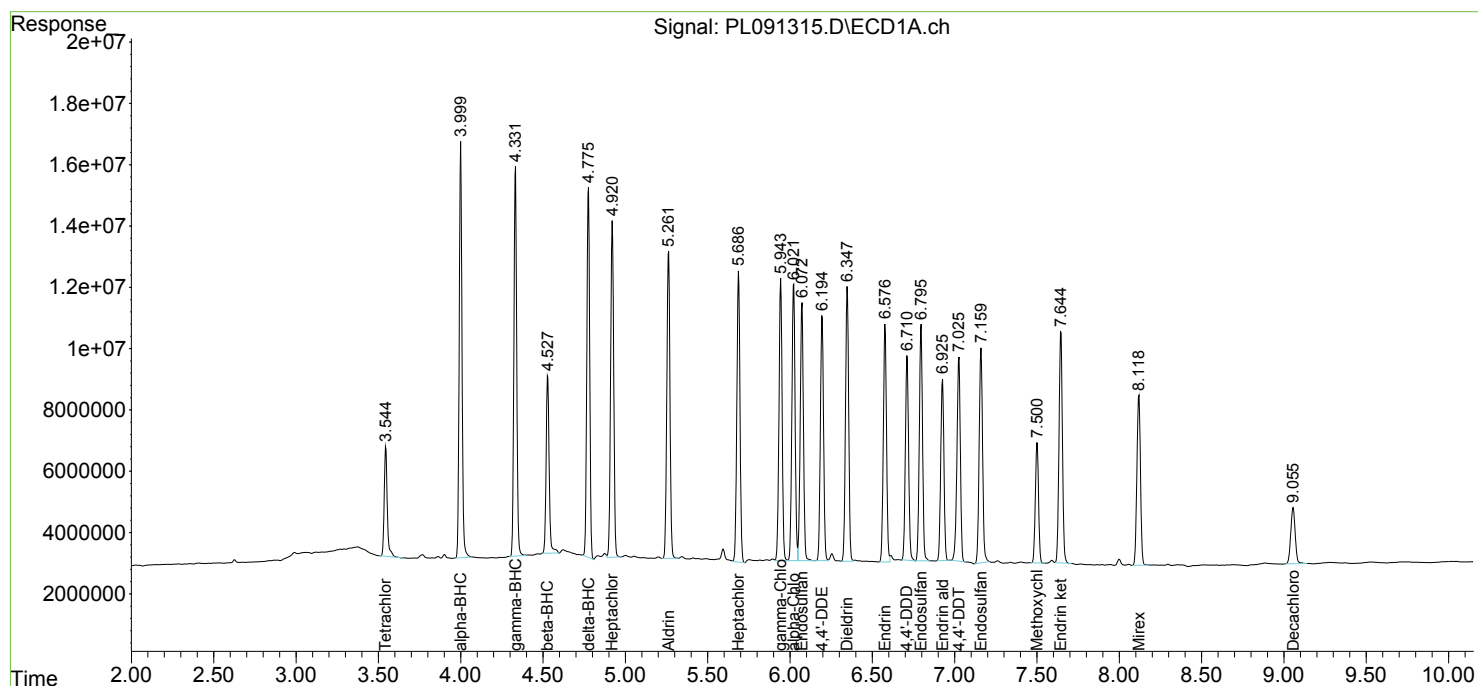
Instrument :
ECD_L
ClientSampleId :
TP-1MS

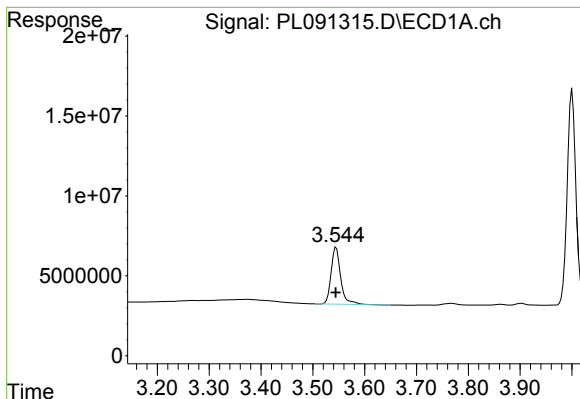
Manual Integrations
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Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 02:08:26 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





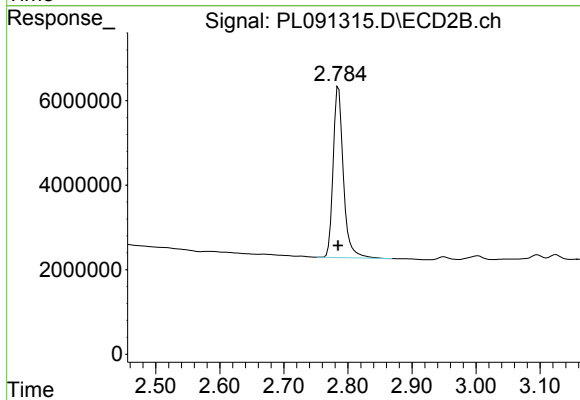
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.001 min
Response: 45875304
Conc: 21.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

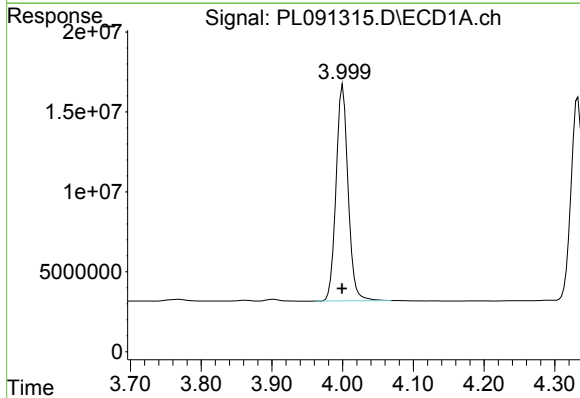
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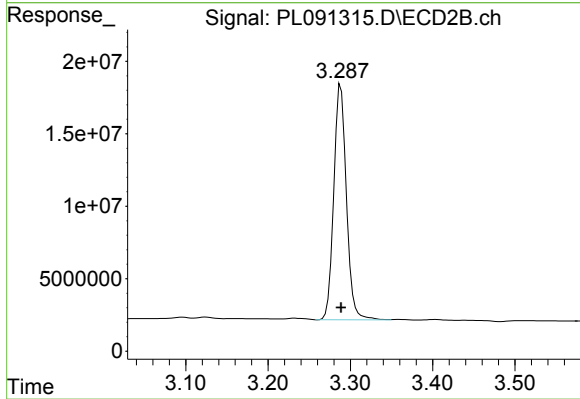
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 44773344
Conc: 22.94 ng/ml



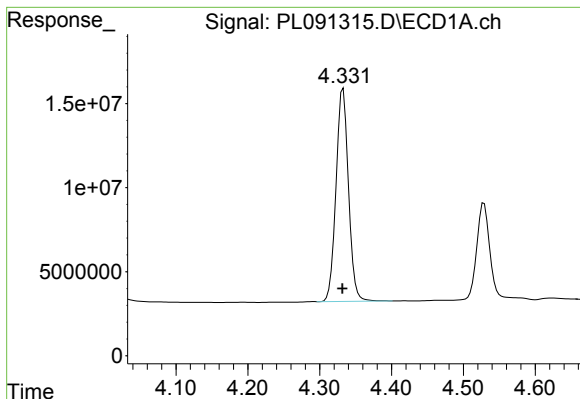
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.001 min
Response: 159689362
Conc: 53.27 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 173270061
Conc: 62.47 ng/ml



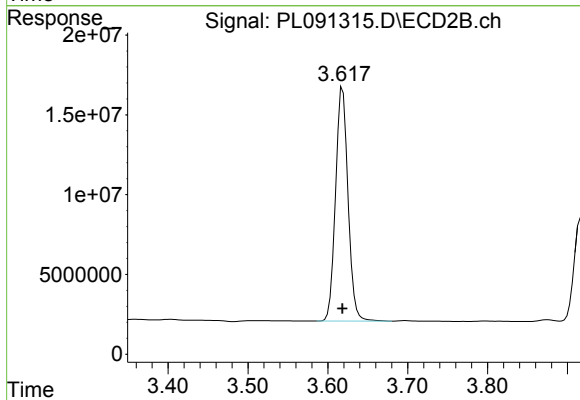
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.001 min
Response: 152178232
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

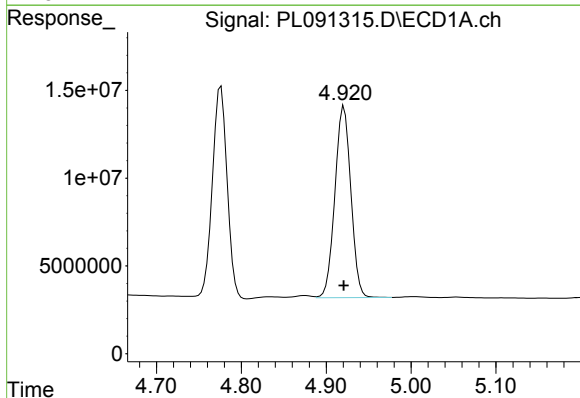
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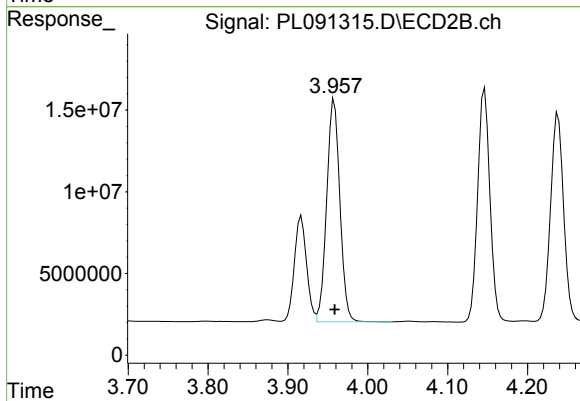
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.000 min
Response: 158926380
Conc: 60.34 ng/ml



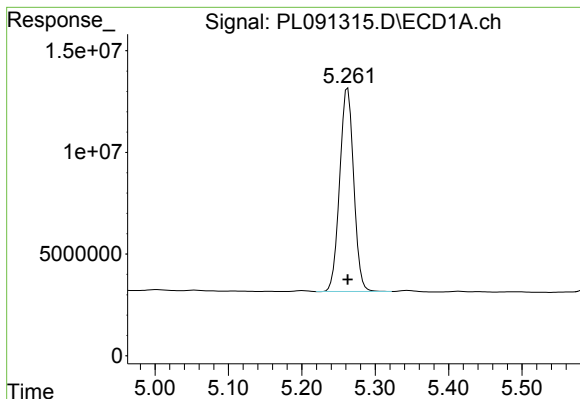
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 142284036
Conc: 53.43 ng/ml



#4 Heptachlor

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 155951087
Conc: 60.38 ng/ml



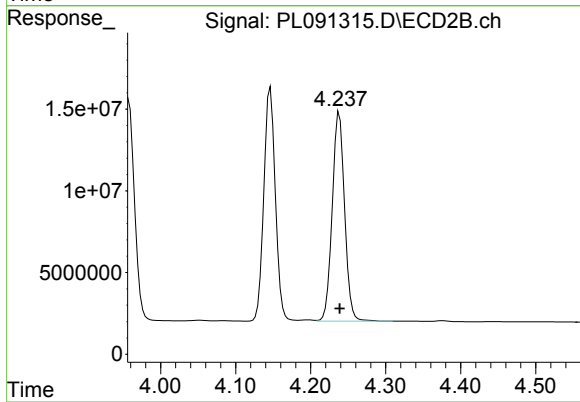
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 132810411
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

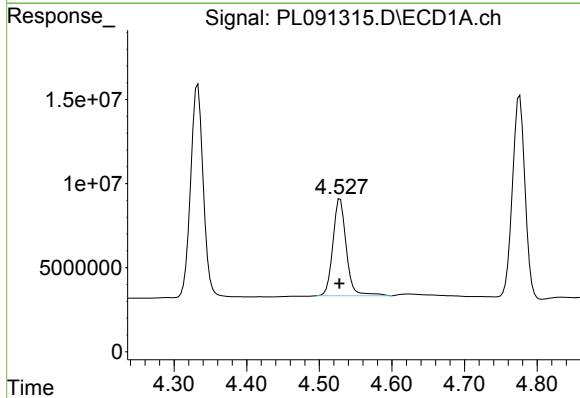
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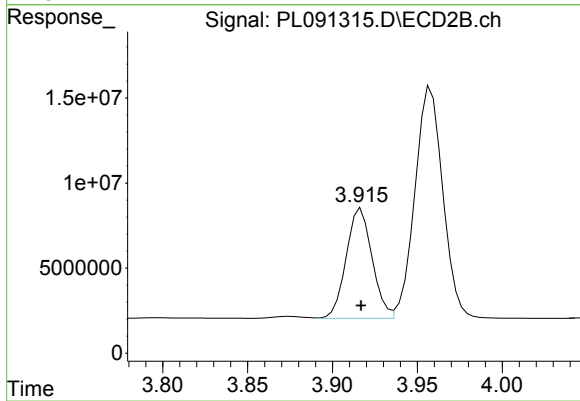
#5 Aldrin

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 146721938
Conc: 59.66 ng/ml



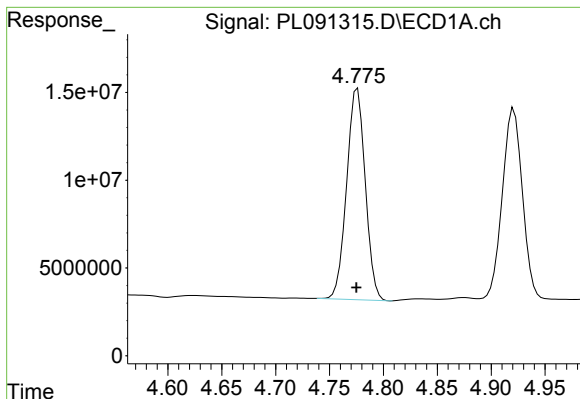
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.001 min
Response: 74039910
Conc: 54.75 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 68645317
Conc: 58.32 ng/ml



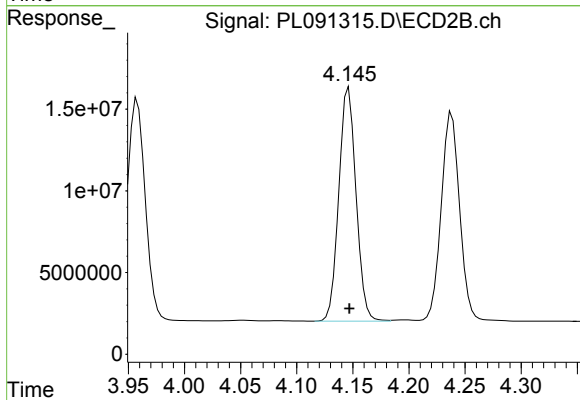
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.001 min
Response: 144772324
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

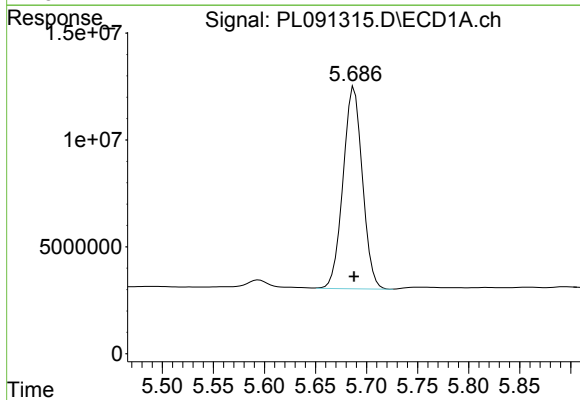
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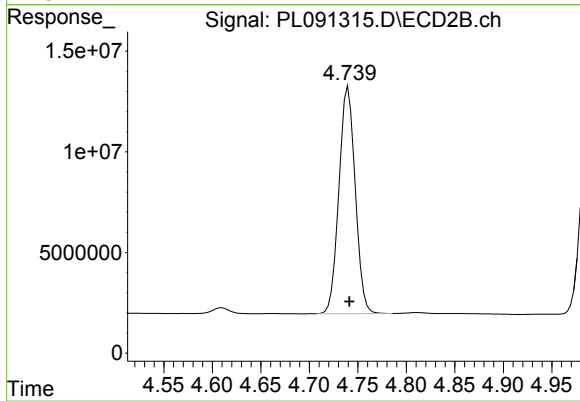
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: 0.000 min
Response: 152869907
Conc: 60.32 ng/ml



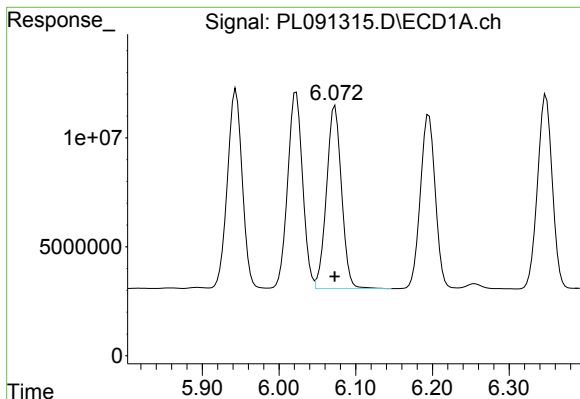
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 124645694
Conc: 50.95 ng/ml



#8 Heptachlor epoxide

R.T.: 4.740 min
Delta R.T.: -0.001 min
Response: 131289674
Conc: 58.23 ng/ml



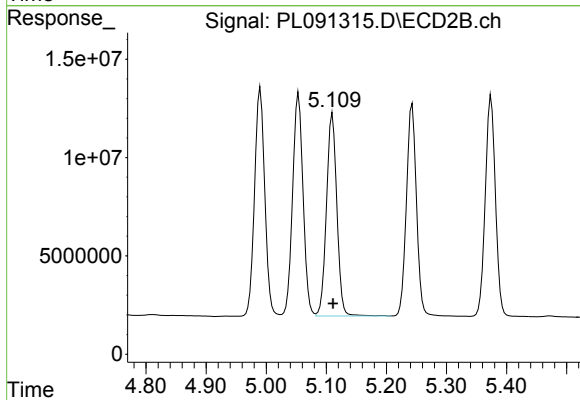
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 114014741
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

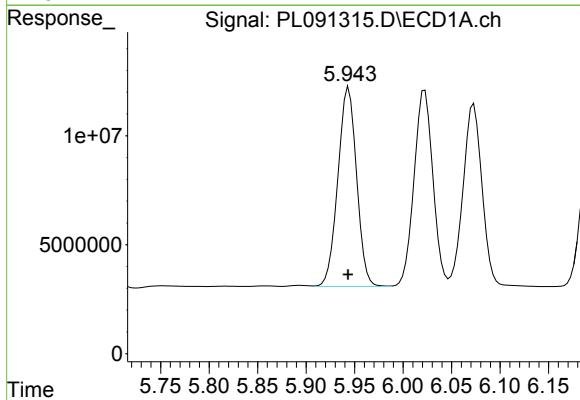
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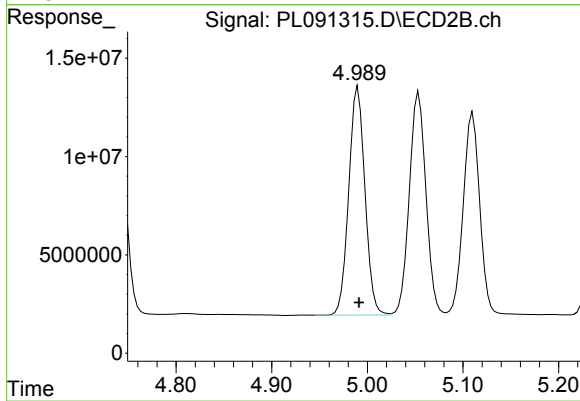
#9 Endosulfan I

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 124167206
Conc: 58.84 ng/ml



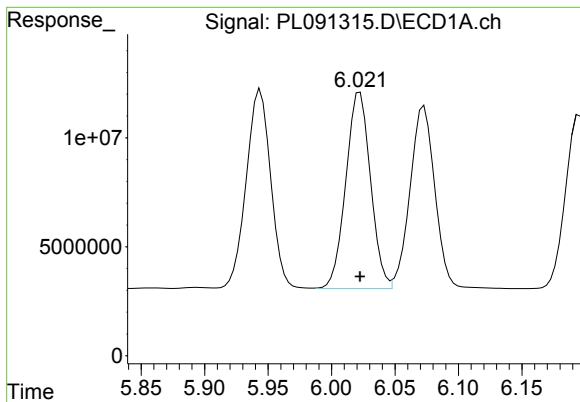
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 122671113
Conc: 50.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.990 min
Delta R.T.: -0.001 min
Response: 137450542
Conc: 58.14 ng/ml



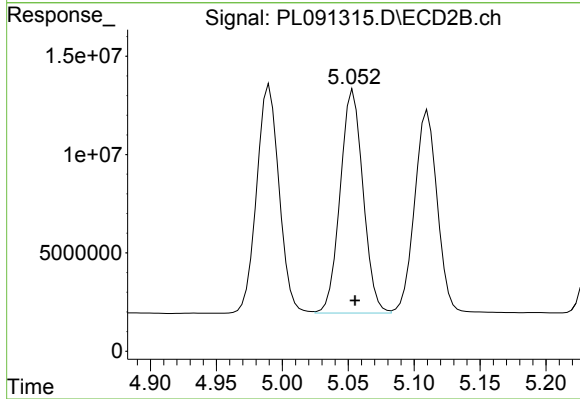
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 121950820
Conc: 50.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

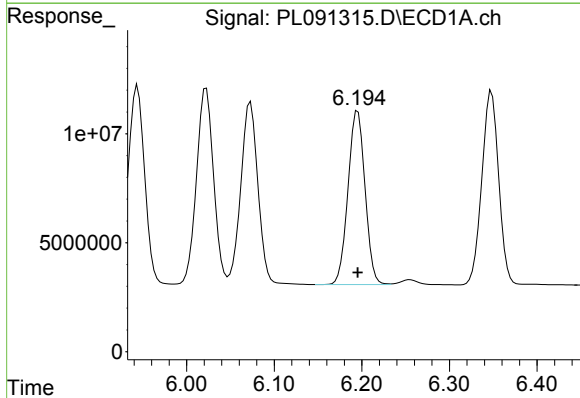
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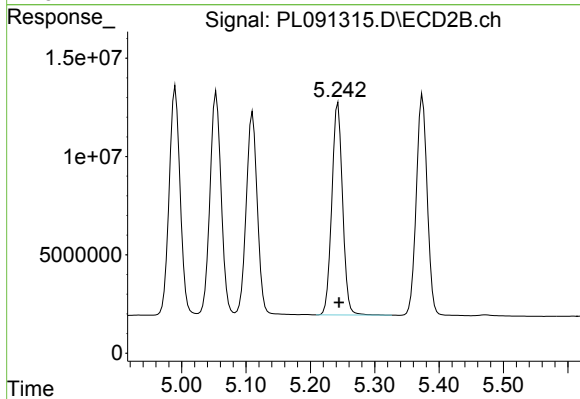
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 136925307
Conc: 58.20 ng/ml



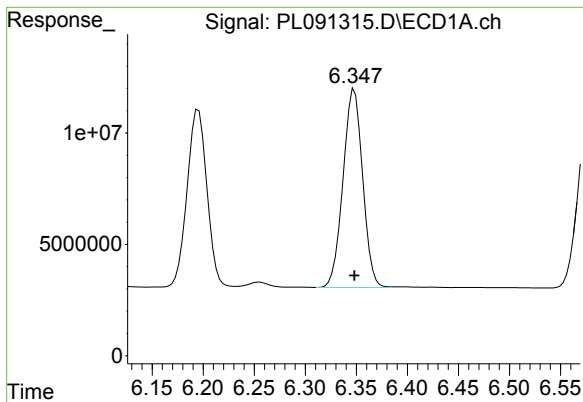
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 107740488
Conc: 51.50 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: -0.002 min
Response: 125250600
Conc: 59.95 ng/ml



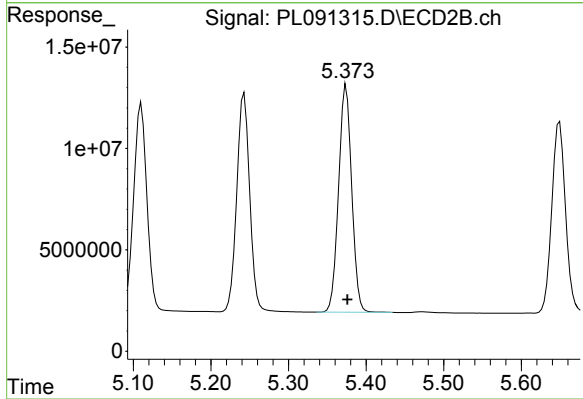
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 119064007
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

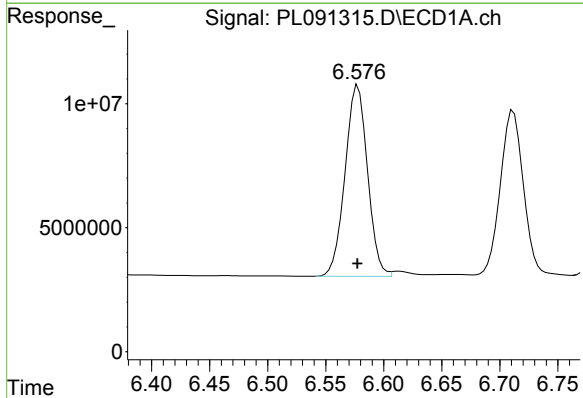
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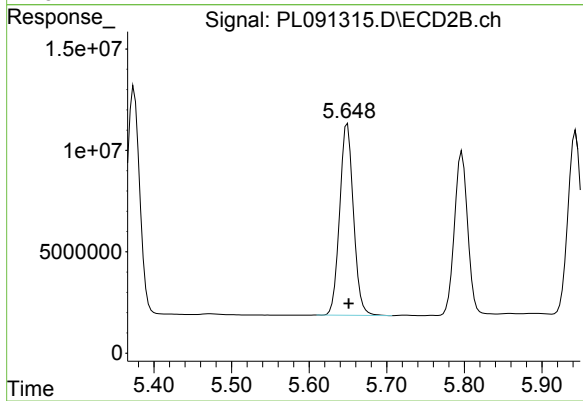
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 131830186
Conc: 57.88 ng/ml m



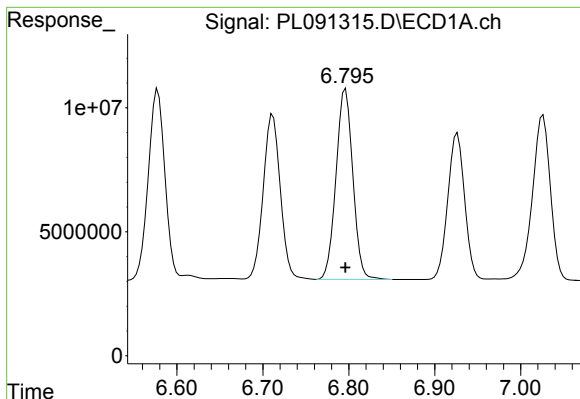
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 104190864
Conc: 53.73 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 116948834
Conc: 57.41 ng/ml



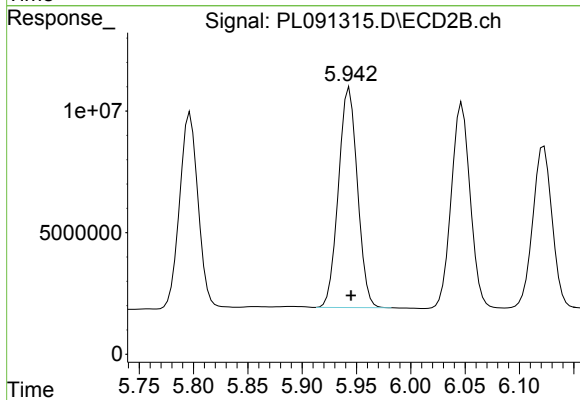
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 104185417
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

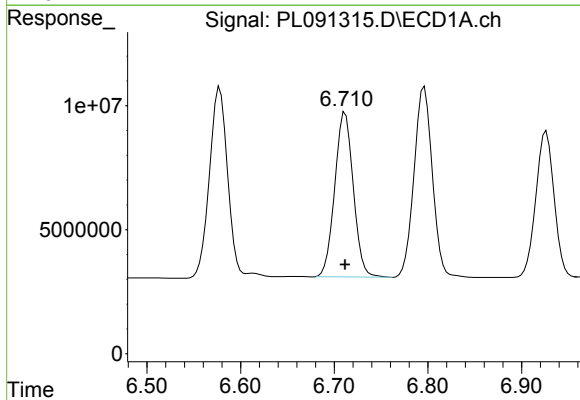
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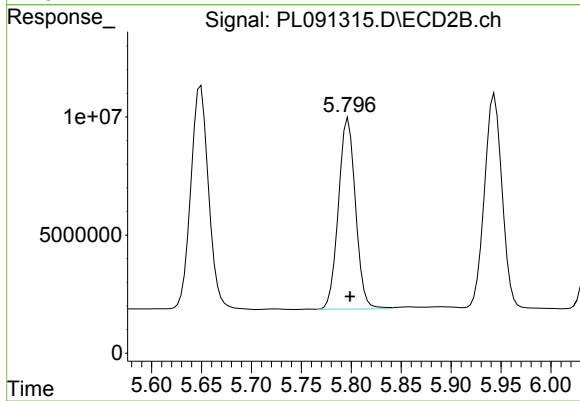
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 110213233
Conc: 56.97 ng/ml



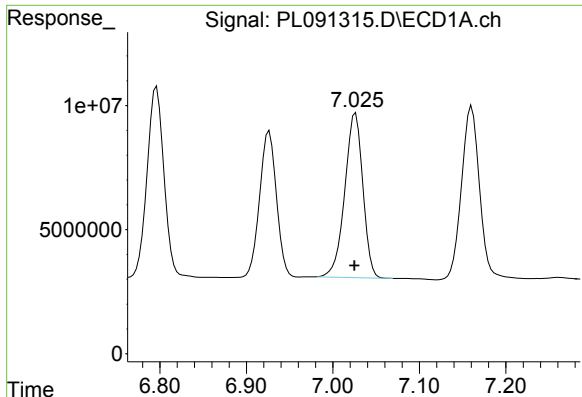
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 91331059
Conc: 60.43 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 96192357
Conc: 58.27 ng/ml m



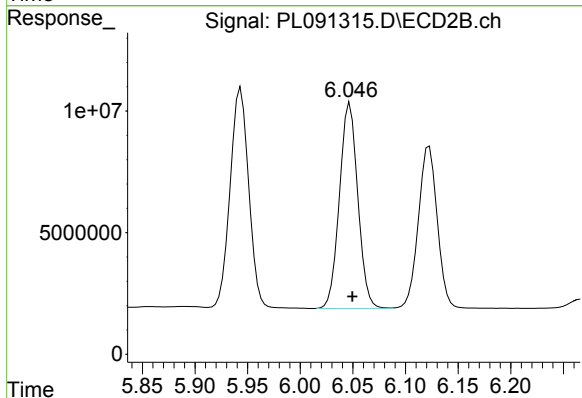
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.001 min
Response: 95706297
Conc: 53.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

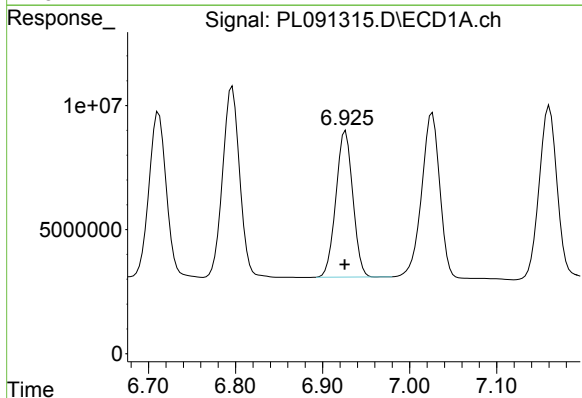
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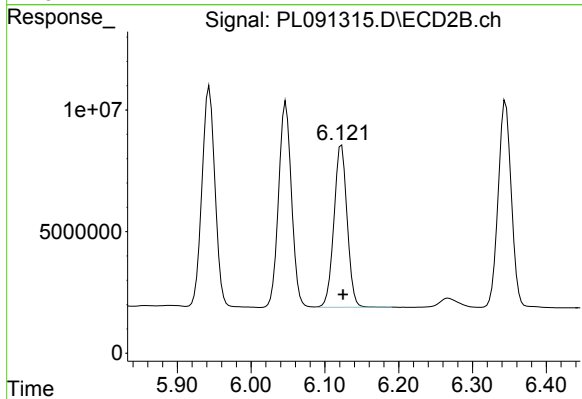
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 102828213
Conc: 57.89 ng/ml



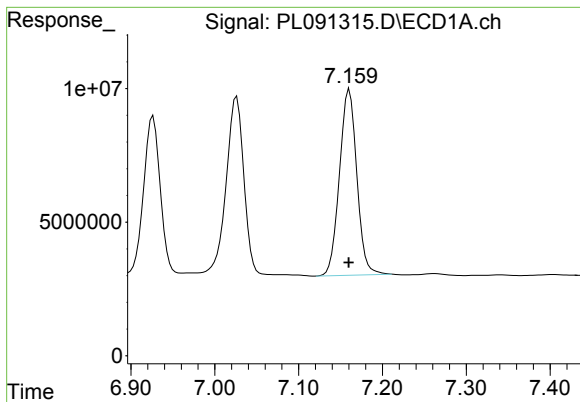
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.001 min
Response: 79547584
Conc: 49.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 83098113
Conc: 53.35 ng/ml



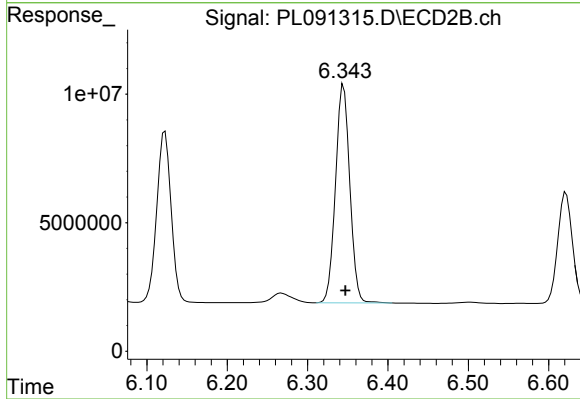
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 100345159
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

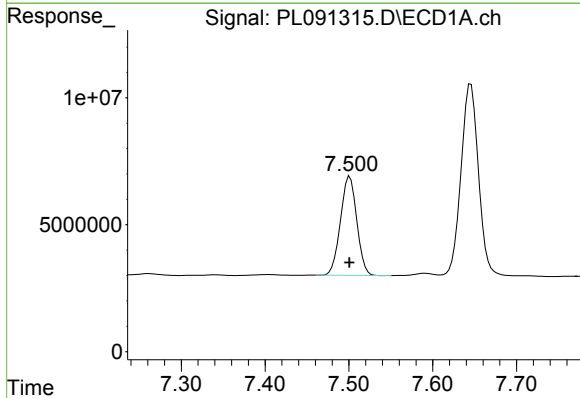
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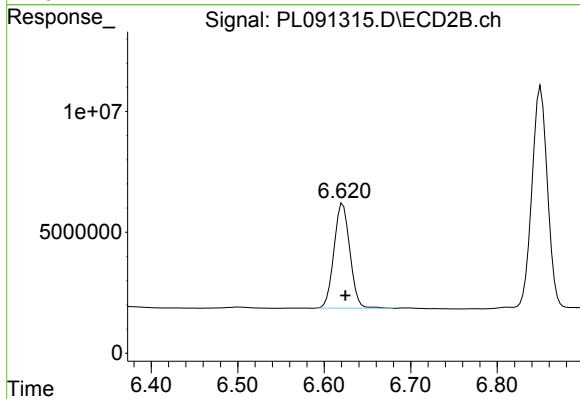
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: -0.002 min
Response: 105209537
Conc: 54.57 ng/ml



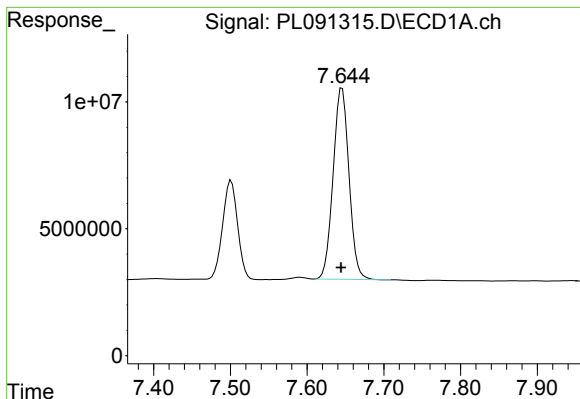
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 52653153
Conc: 56.00 ng/ml



#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 55075488
Conc: 55.46 ng/ml



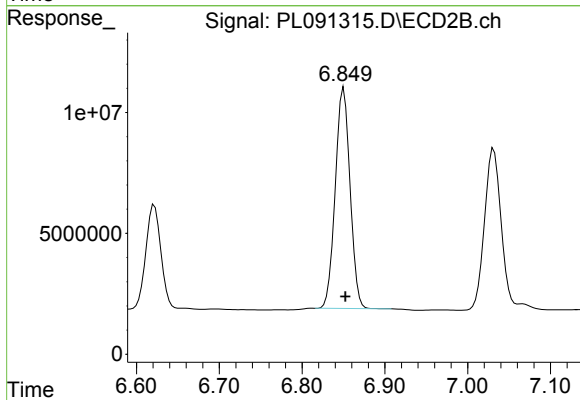
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 108321766
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

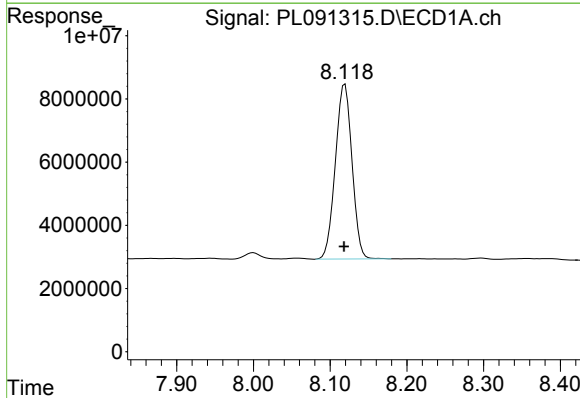
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



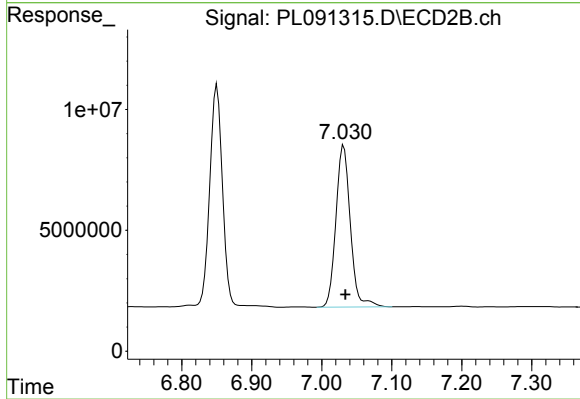
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.002 min
Response: 113154282
Conc: 51.95 ng/ml



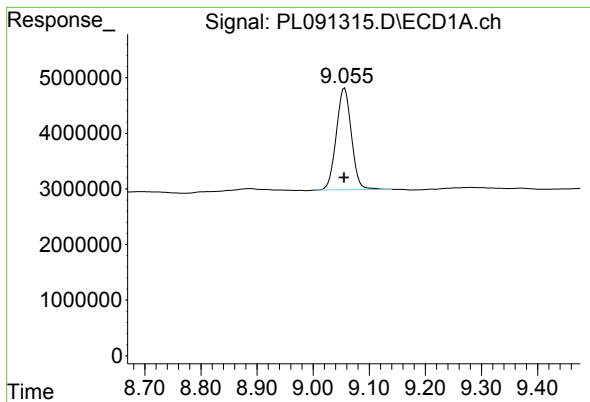
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.001 min
Response: 83490342
Conc: 49.08 ng/ml



#22 Mirex

R.T.: 7.030 min
Delta R.T.: -0.004 min
Response: 95884338
Conc: 51.37 ng/ml m



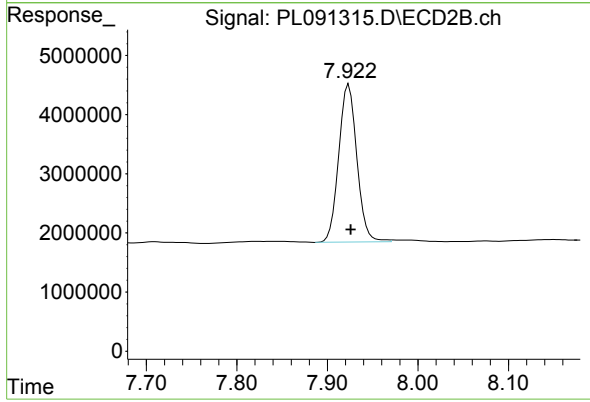
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 34340812
Conc: 22.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: -0.004 min
Response: 37214354
Conc: 19.65 ng/ml m