

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032825\
 Data File : PL094936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 14:19
 Operator : AR\AJ
 Sample : Q1664-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-BBDGA-001-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 23:15:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 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...	3.535	2.769	44292448	56525280	15.647	15.837
28)	SA Decachlor...	9.049	7.900	34250223	60786073	16.252	15.048
Target Compounds							
2)	A alpha-BHC	3.991	3.271	166.1E6	246.1E6	40.005	45.644
3)	MA gamma-BHC...	4.324	3.599	160.4E6	226.3E6	40.193	44.032m
4)	MA Heptachlor	4.911	3.938	152.7E6	226.3E6	39.347	42.953
5)	MB Aldrin	5.252	4.217	145.0E6	209.6E6	39.278	42.983
6)	B beta-BHC	4.523	3.901	73966945	98813793	40.086	44.485
7)	B delta-BHC	4.768	4.129	161.8E6	218.2E6	41.551m	43.624
8)	B Heptachlo...	5.679	4.720	131.5E6	196.8E6	39.304	42.991
9)	A Endosulfan I	6.064	5.089	127.9E6	193.9E6	41.650	44.183
10)	B gamma-Chl...	5.935	4.968	136.0E6	209.3E6	40.369	43.352m
11)	B alpha-Chl...	6.014	5.032	135.8E6	207.3E6	41.181	43.442
12)	B 4,4'-DDE	6.188	5.220	133.1E6	209.0E6	45.252	44.954m
13)	MA Dieldrin	6.338	5.351	135.1E6	210.3E6	42.246m	43.349m
14)	MA Endrin	6.569	5.629	116.1E6	195.9E6	41.879	44.891
15)	B Endosulfa...	6.790	5.923	115.7E6	184.2E6	42.606	42.559
16)	A 4,4'-DDD	6.706	5.776	103.1E6	166.1E6	47.617	46.180
17)	MA 4,4'-DDT	7.020	6.026	106.8E6	183.0E6	44.918	45.394
18)	B Endrin al...	6.920	6.103	90045459	145.1E6	42.656	43.123
19)	B Endosulfa...	7.154	6.325	105.2E6	180.1E6	43.240	44.222
20)	A Methoxychlor	7.496	6.601	55760020	99405420	46.580	46.866
21)	B Endrin ke...	7.640	6.829	116.0E6	206.6E6	43.902	43.285m
22)	Mirex	8.111	7.008	83104307	157.5E6	40.219	41.489m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032825\
Data File : PL094936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2025 14:19
Operator : AR\AJ
Sample : Q1664-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

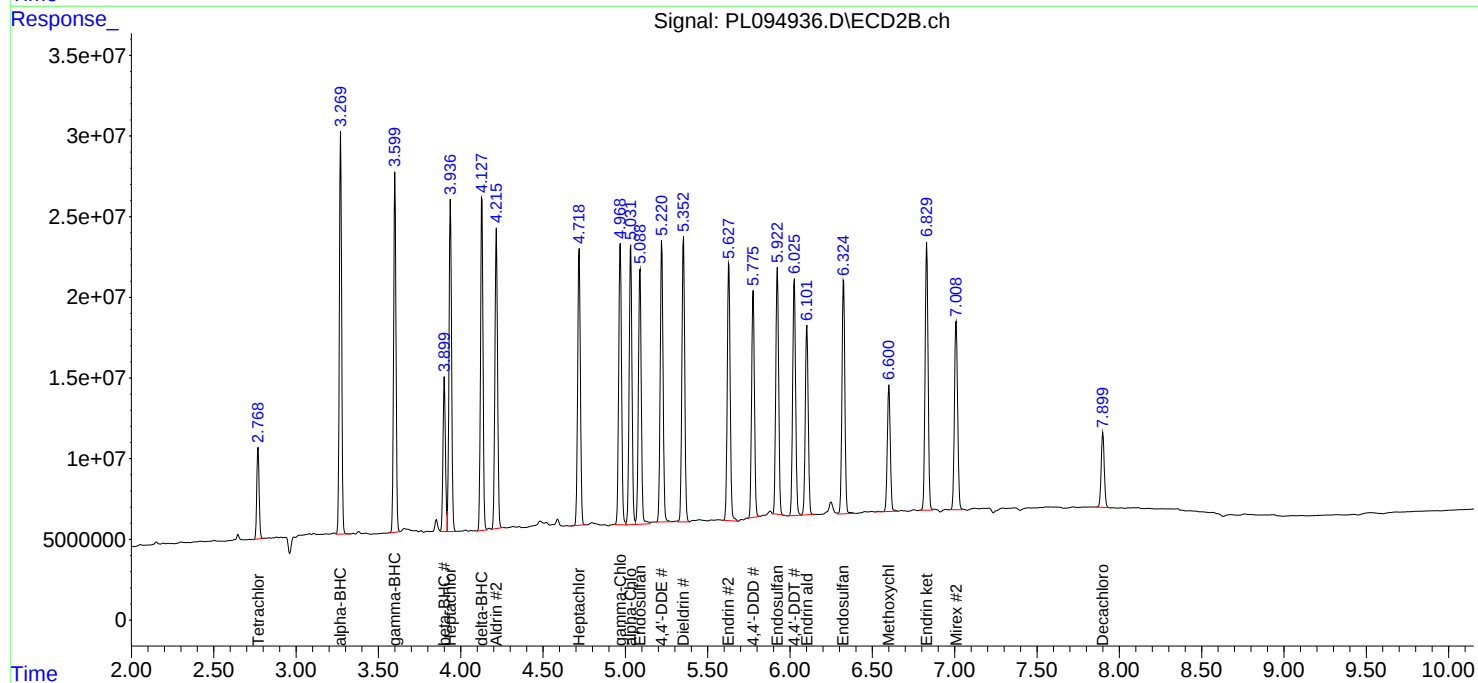
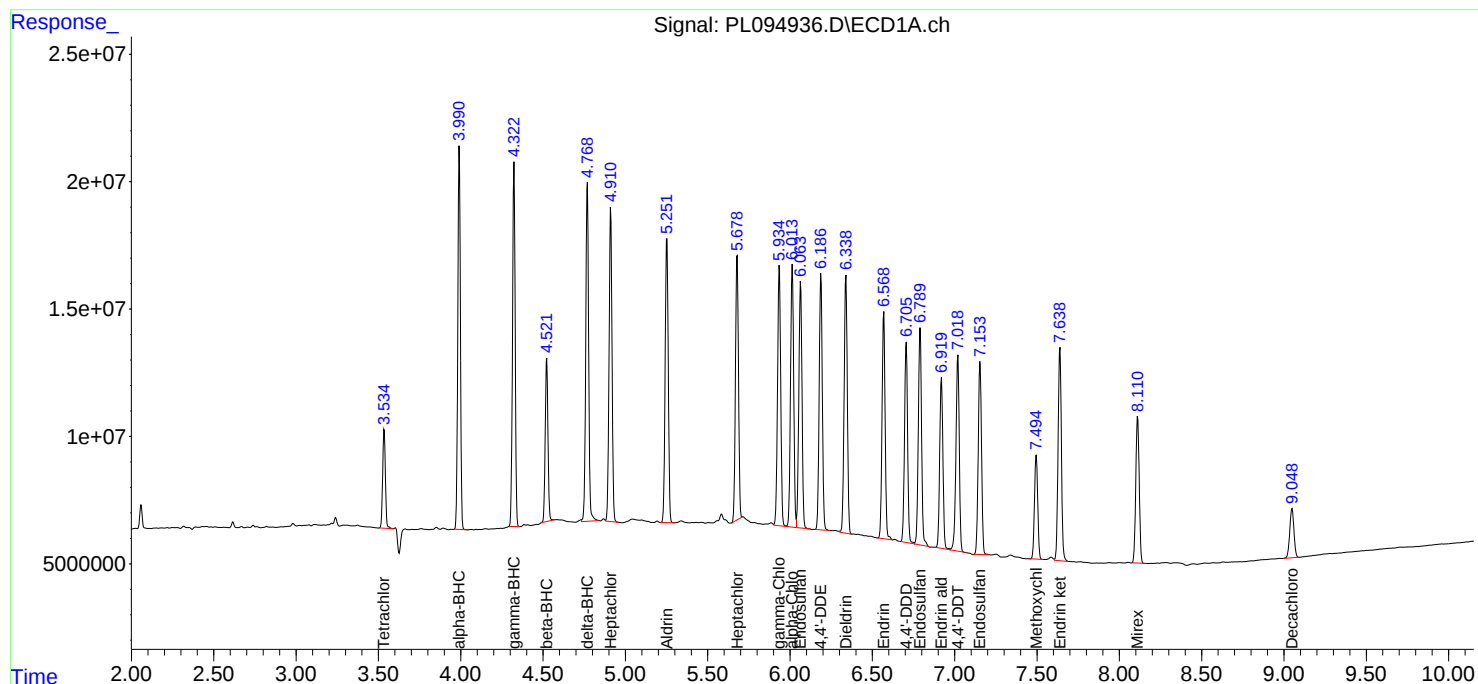
Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

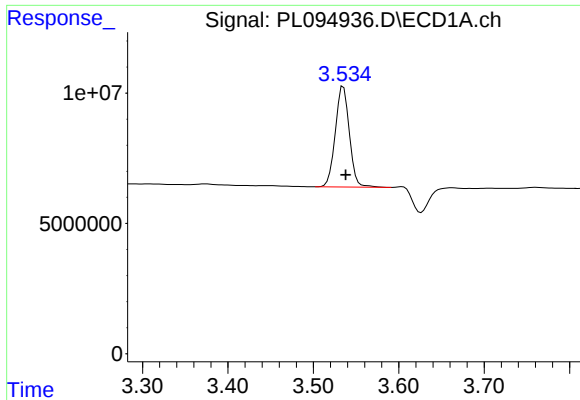
Manual Integrations
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Supervised By :mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 23:15:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
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





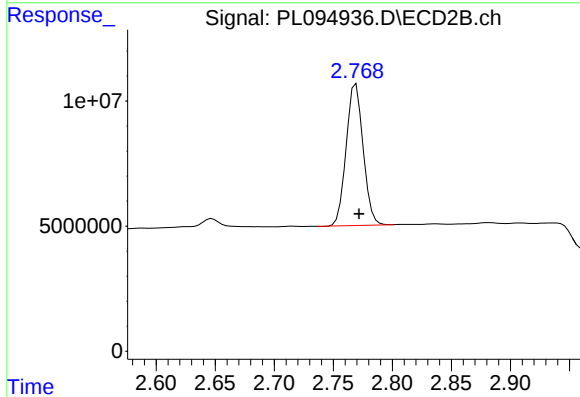
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 44292448
Conc: 15.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

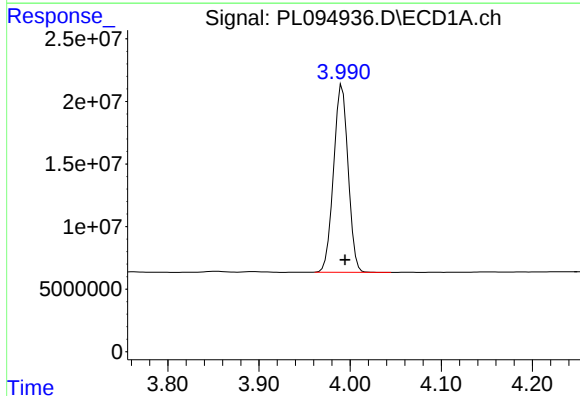
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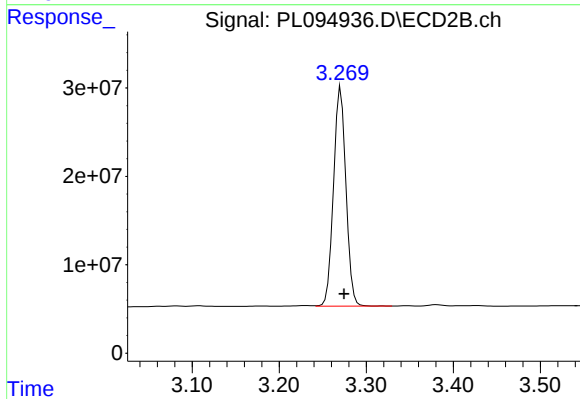
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 56525280
Conc: 15.84 ng/ml



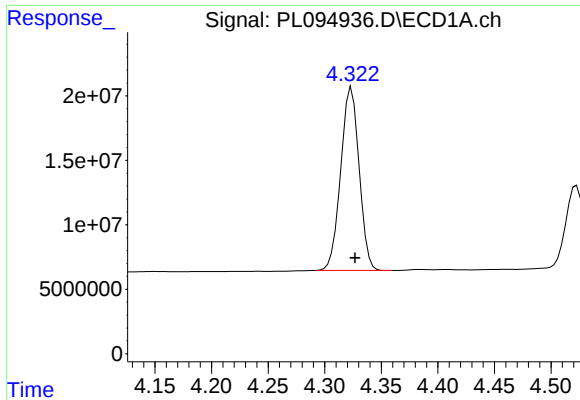
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 166114550
Conc: 40.01 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 246081365
Conc: 45.64 ng/ml



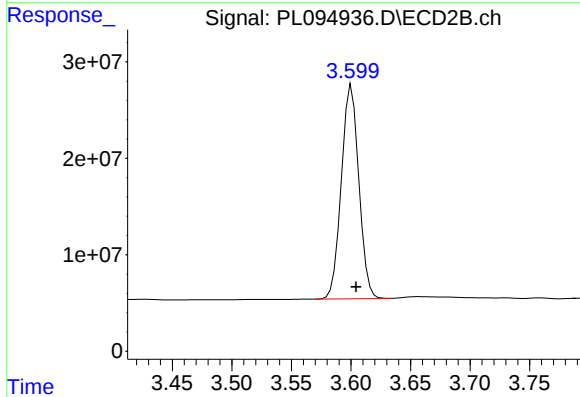
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 160380412
Conc: 40.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

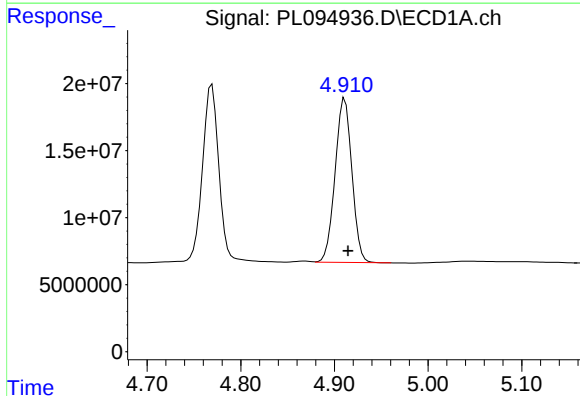
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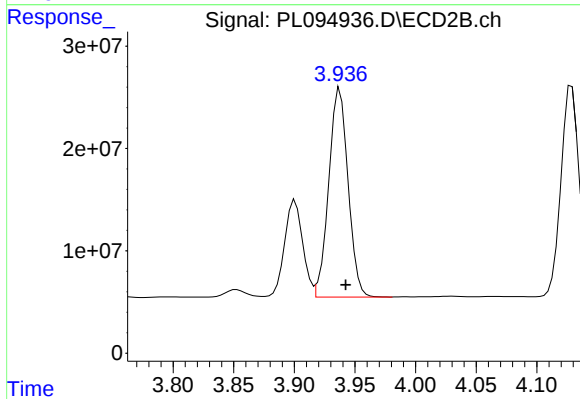
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 226299931
Conc: 44.03 ng/ml m



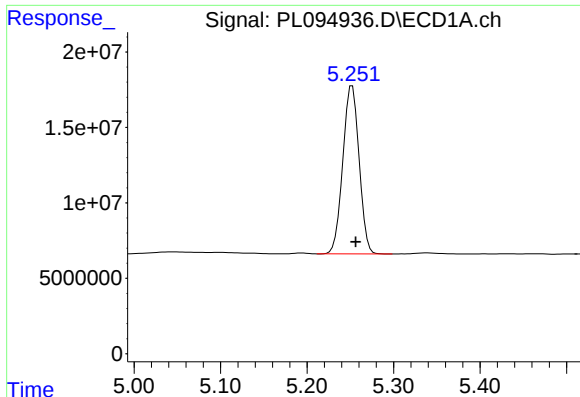
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 152728625
Conc: 39.35 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 226305622
Conc: 42.95 ng/ml



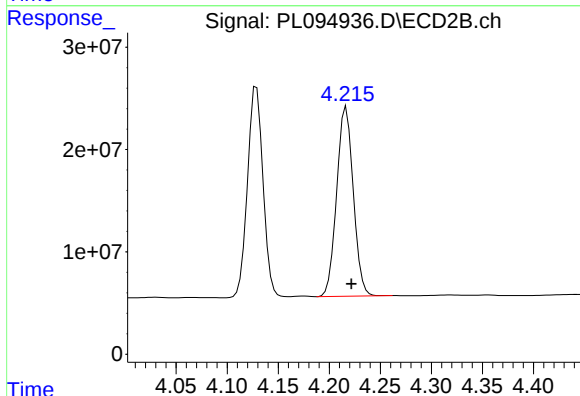
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 145023809
Conc: 39.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

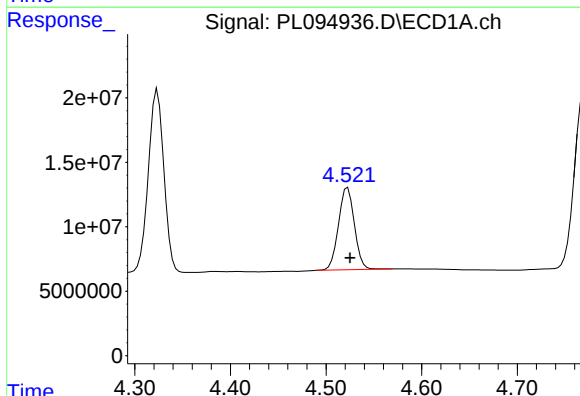
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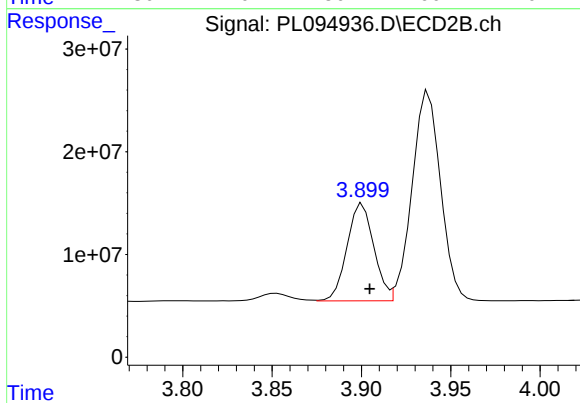
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 209601638
Conc: 42.98 ng/ml



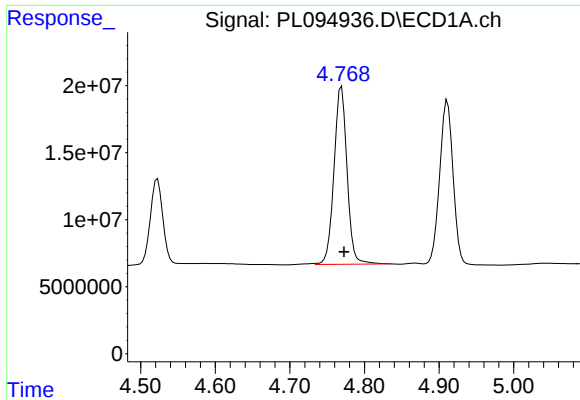
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 73966945
Conc: 40.09 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 98813793
Conc: 44.48 ng/ml



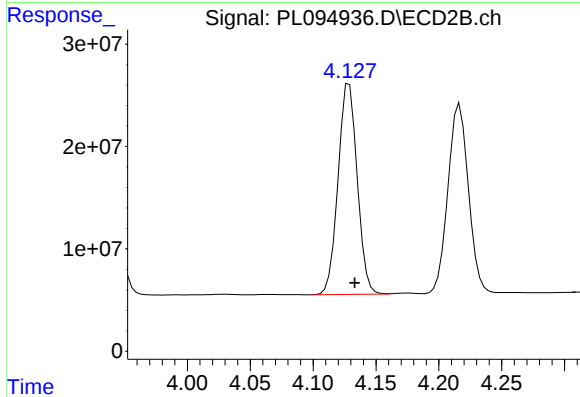
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.005 min
Response: 161810507
Conc: 41.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

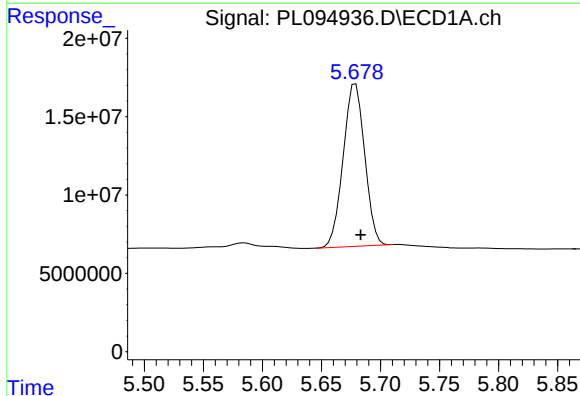
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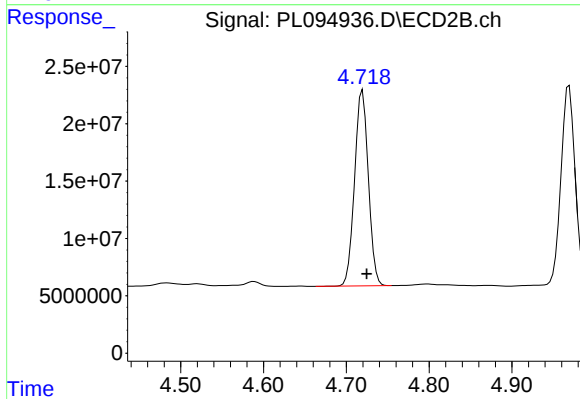
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 218204325
Conc: 43.62 ng/ml



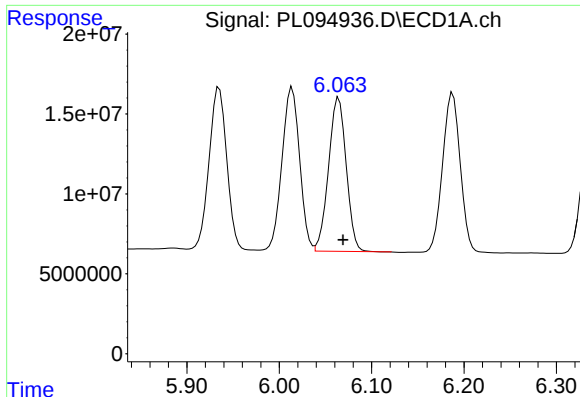
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 131479208
Conc: 39.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 196836493
Conc: 42.99 ng/ml



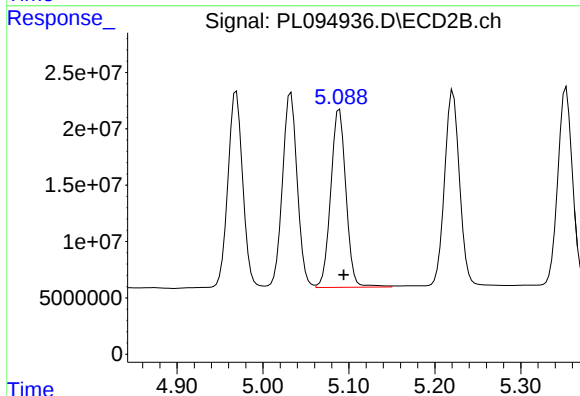
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 127872593
Conc: 41.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

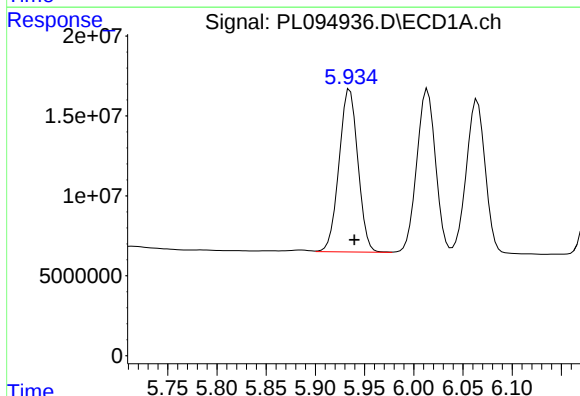
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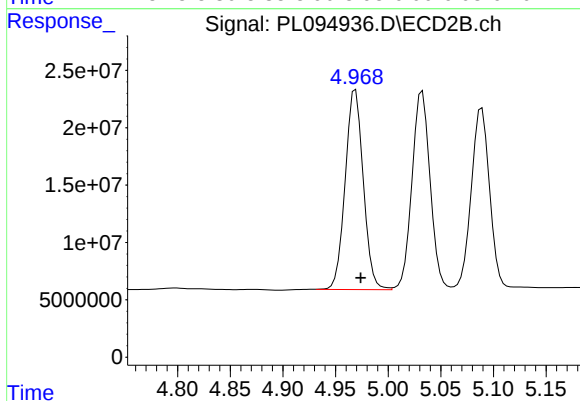
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 193905948
Conc: 44.18 ng/ml



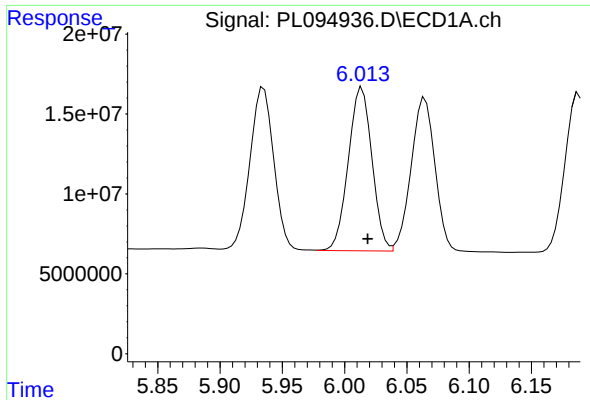
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.004 min
Response: 136017640
Conc: 40.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 209322996
Conc: 43.35 ng/ml m



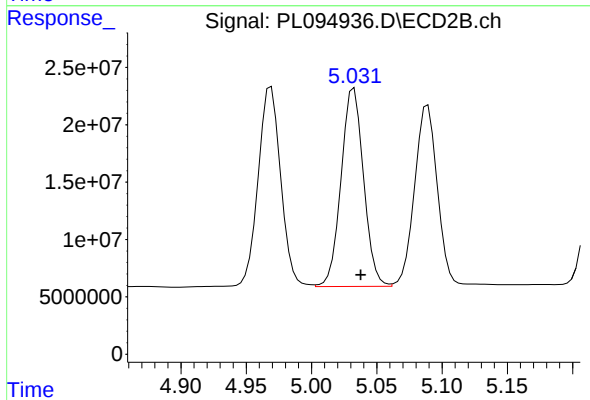
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 135767479
Conc: 41.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

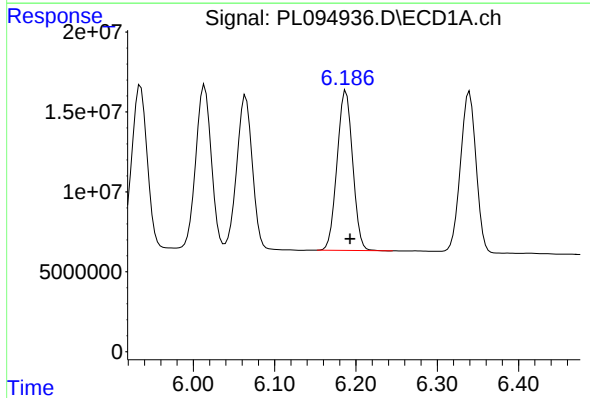
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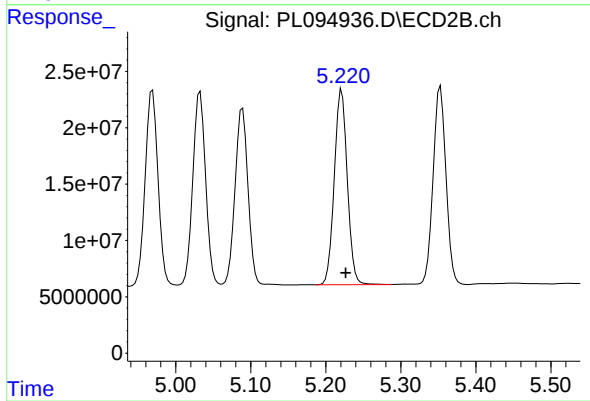
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.005 min
Response: 207339354
Conc: 43.44 ng/ml



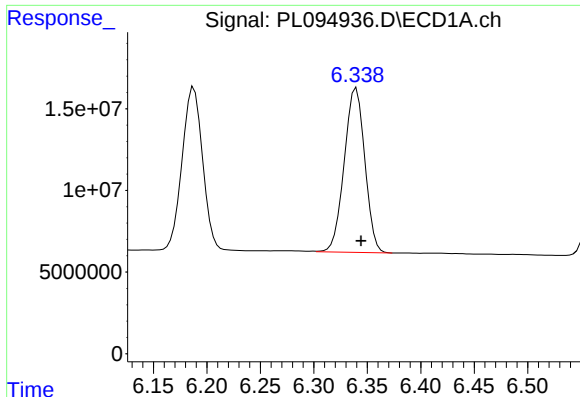
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 133135104
Conc: 45.25 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 208969212
Conc: 44.95 ng/ml m



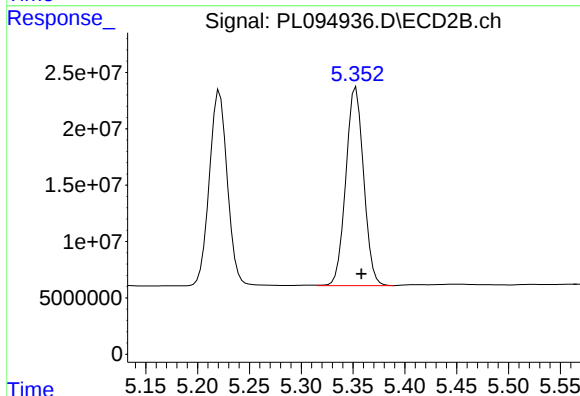
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 135109692
Conc: 42.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

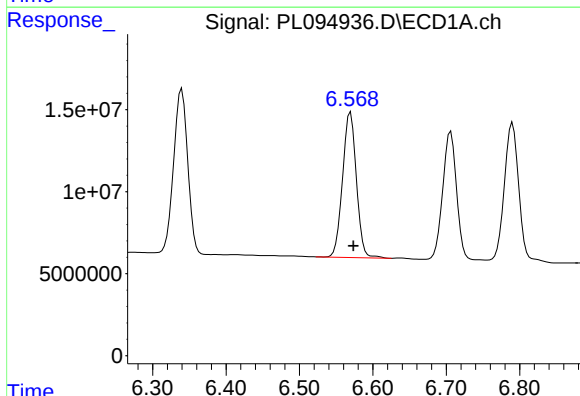
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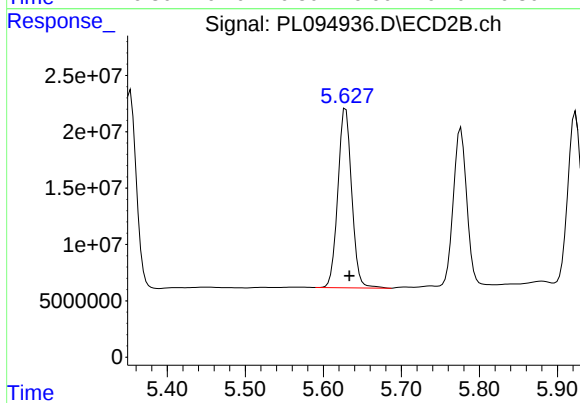
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: -0.007 min
Response: 210322575
Conc: 43.35 ng/ml m



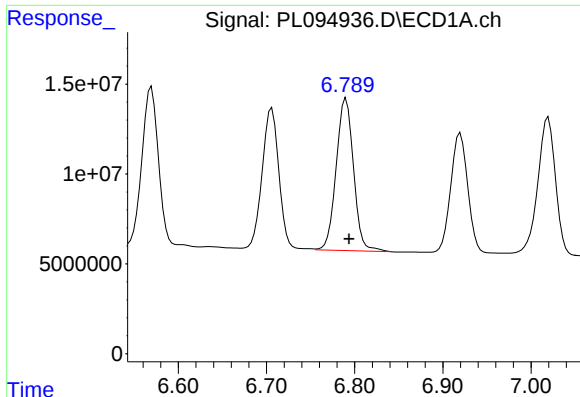
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 116092994
Conc: 41.88 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 195887258
Conc: 44.89 ng/ml



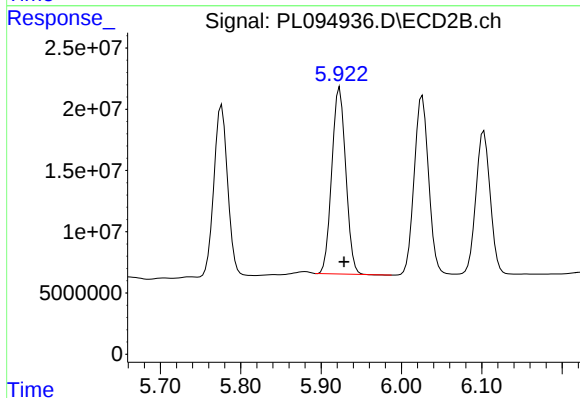
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 115664132
Conc: 42.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

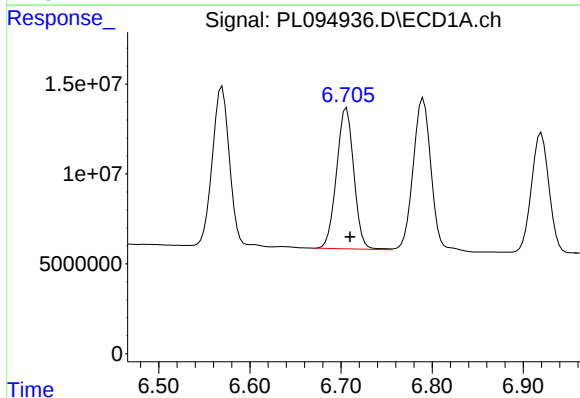
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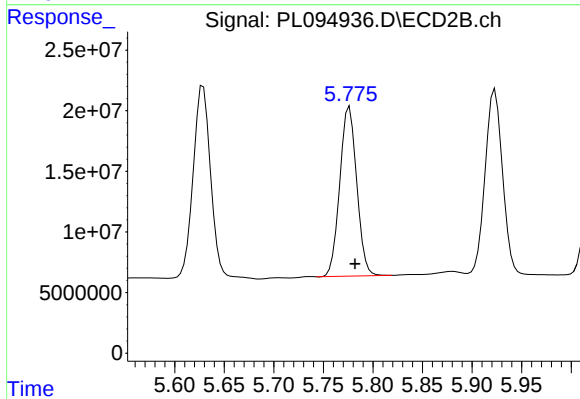
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 184206479
Conc: 42.56 ng/ml



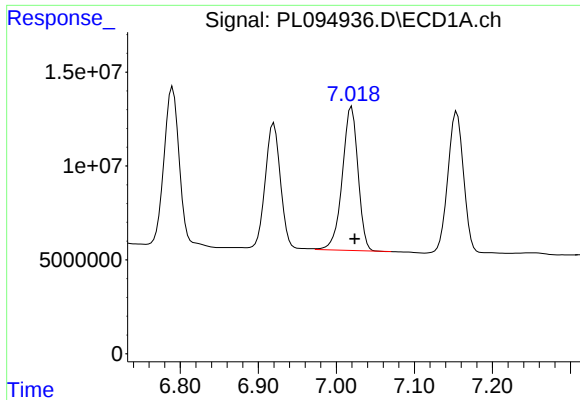
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 103142254
Conc: 47.62 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 166059327
Conc: 46.18 ng/ml



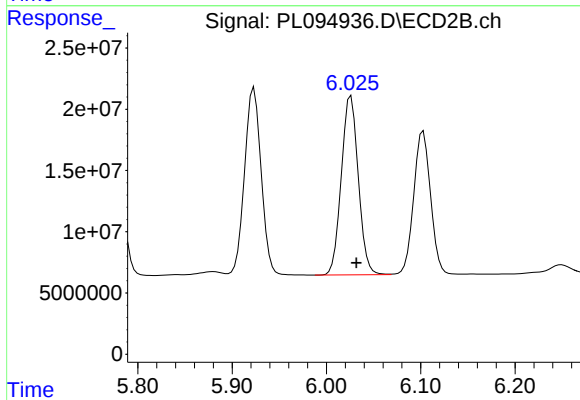
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 106839116
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

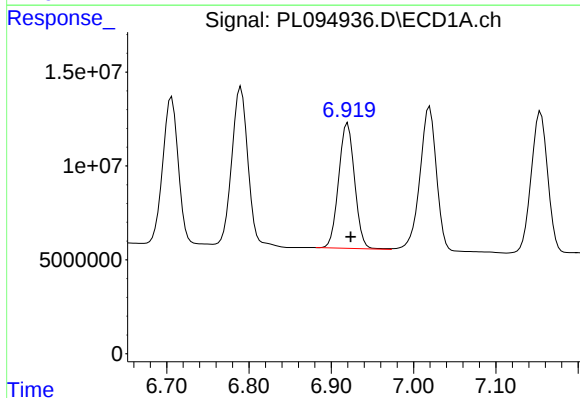
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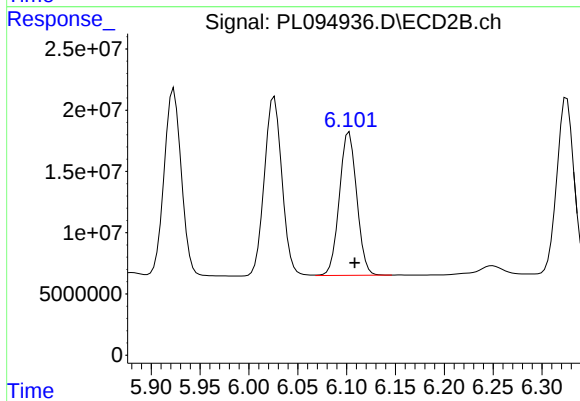
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 183035514
Conc: 45.39 ng/ml



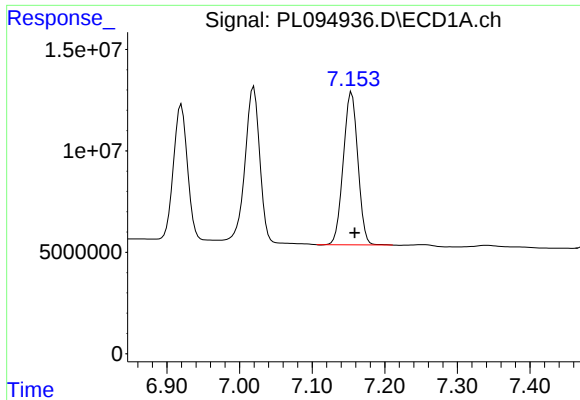
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 90045459
Conc: 42.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 145123952
Conc: 43.12 ng/ml



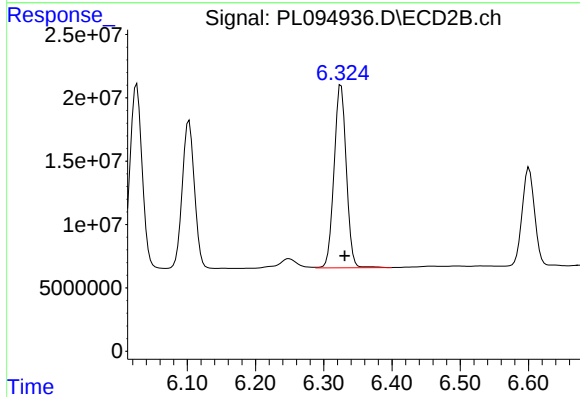
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 105159308
Conc: 43.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

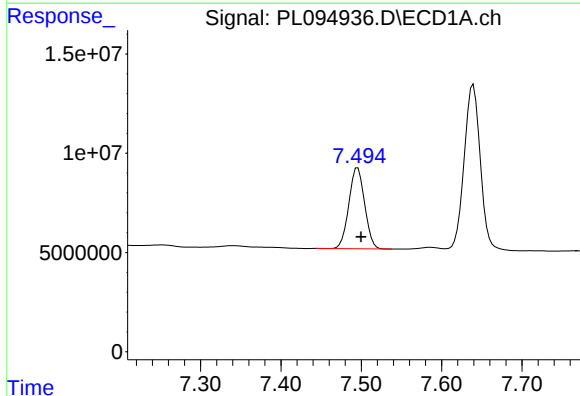
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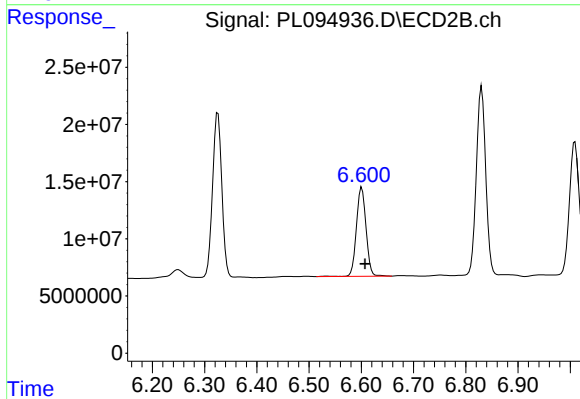
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 180135575
Conc: 44.22 ng/ml



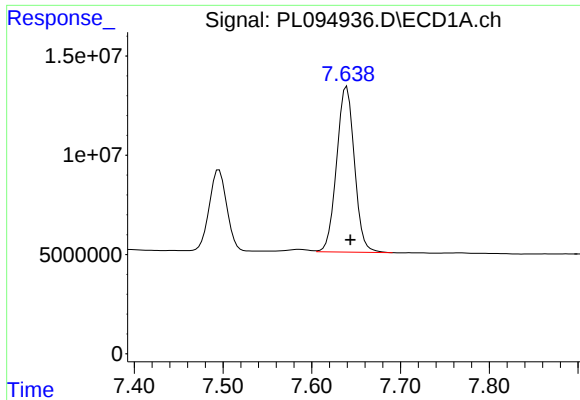
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 55760020
Conc: 46.58 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 99405420
Conc: 46.87 ng/ml



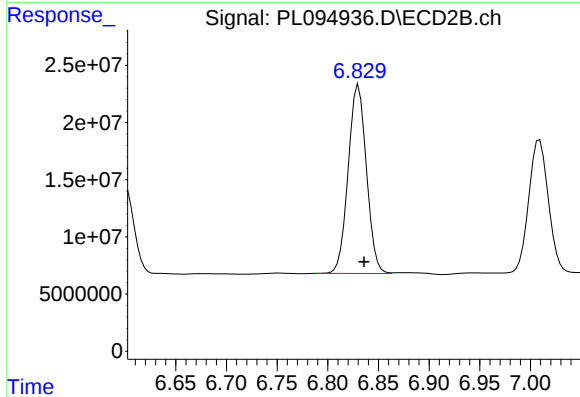
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 116044276
Conc: 43.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

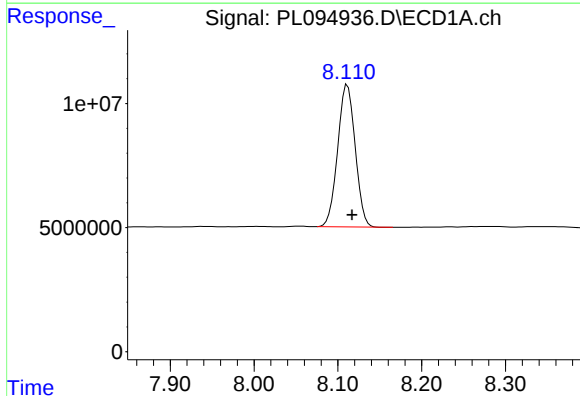
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



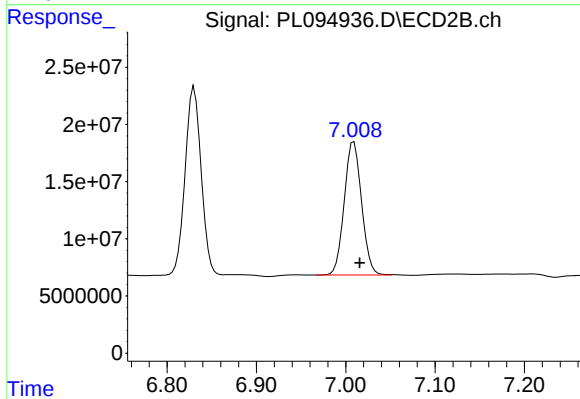
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 206580754
Conc: 43.28 ng/ml m



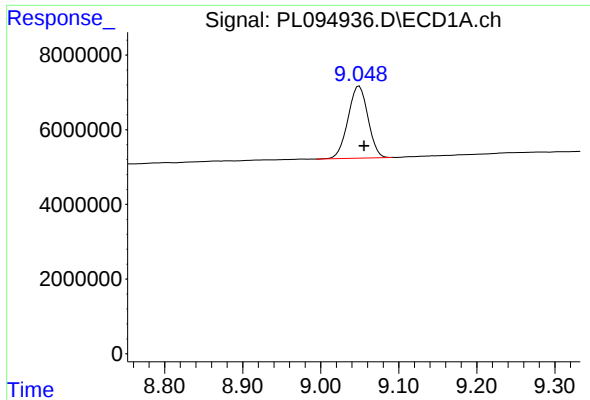
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.005 min
Response: 83104307
Conc: 40.22 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.008 min
Response: 157463461
Conc: 41.49 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.006 min
Response: 34250223
Conc: 16.25 ng/ml

Instrument :

ECD_L

ClientSampleId :

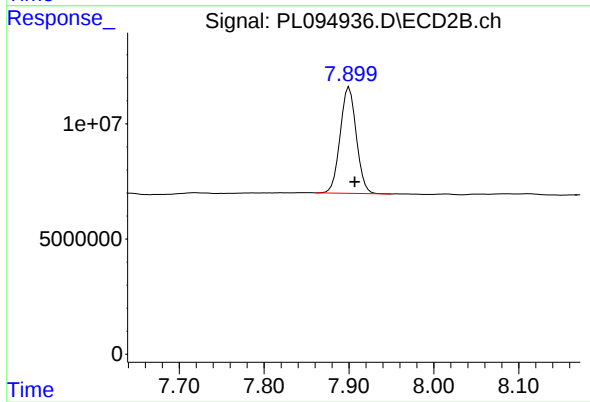
P001-BBDGA-001-01MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/31/2025

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#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: -0.007 min
Response: 60786073
Conc: 15.05 ng/ml