

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
 Data File : PL094800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2025 17:41
 Operator : AR\AJ
 Sample : PB167250BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167250BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/24/2025
 Supervised By :mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 23:25:15 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...	3.536	2.770	57892098	78973225	20.452	22.126
28)	SA Decachlor...	9.055	7.905	54233038	92847958	25.734	22.986
Target Compounds							
2)	A alpha-BHC	3.993	3.273	191.9E6	282.3E6	46.221	52.367
3)	MA gamma-BHC...	4.326	3.602	186.9E6	263.2E6	46.847	51.203
4)	MA Heptachlor	4.914	3.940	179.0E6	265.7E6	46.108	50.429
5)	MB Aldrin	5.255	4.220	169.6E6	248.3E6	45.931	50.925
6)	B beta-BHC	4.525	3.903	85802581	116.8E6	46.500	52.601
7)	B delta-BHC	4.772	4.132	194.9E6	264.7E6	50.058	52.921
8)	B Heptachlo...	5.682	4.722	156.8E6	239.3E6	46.869	52.269
9)	A Endosulfan I	6.068	5.092	147.3E6	227.3E6	47.993	51.791
10)	B gamma-Chl...	5.939	4.973	160.0E6	251.2E6	47.495	52.032
11)	B alpha-Chl...	6.017	5.036	157.1E6	247.4E6	47.651	51.831
12)	B 4,4'-DDE	6.192	5.223	155.9E6	252.6E6	52.983	54.347m
13)	MA Dieldrin	6.344	5.355	156.7E6	253.8E6	49.009	52.312m
14)	MA Endrin	6.572	5.632	131.5E6	226.0E6	47.447m	51.796
15)	B Endosulfa...	6.793	5.927	135.7E6	225.0E6	49.992	51.983
16)	A 4,4'-DDD	6.710	5.780	121.2E6	203.0E6	55.968	56.446
17)	MA 4,4'-DDT	7.023	6.030	127.9E6	217.5E6	53.761	53.931
18)	B Endrin al...	6.924	6.106	108.1E6	173.9E6	51.198	51.666
19)	B Endosulfa...	7.159	6.329	124.8E6	217.8E6	51.307	53.474
20)	A Methoxychlor	7.500	6.605	66131728	115.3E6	55.245	54.356
21)	B Endrin ke...	7.644	6.833	140.5E6	256.6E6	53.156	53.774m
22)	Mirex	8.116	7.014	101.8E6	187.8E6	49.278	49.492

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
Data File : PL094800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2025 17:41
Operator : AR\AJ
Sample : PB167250BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

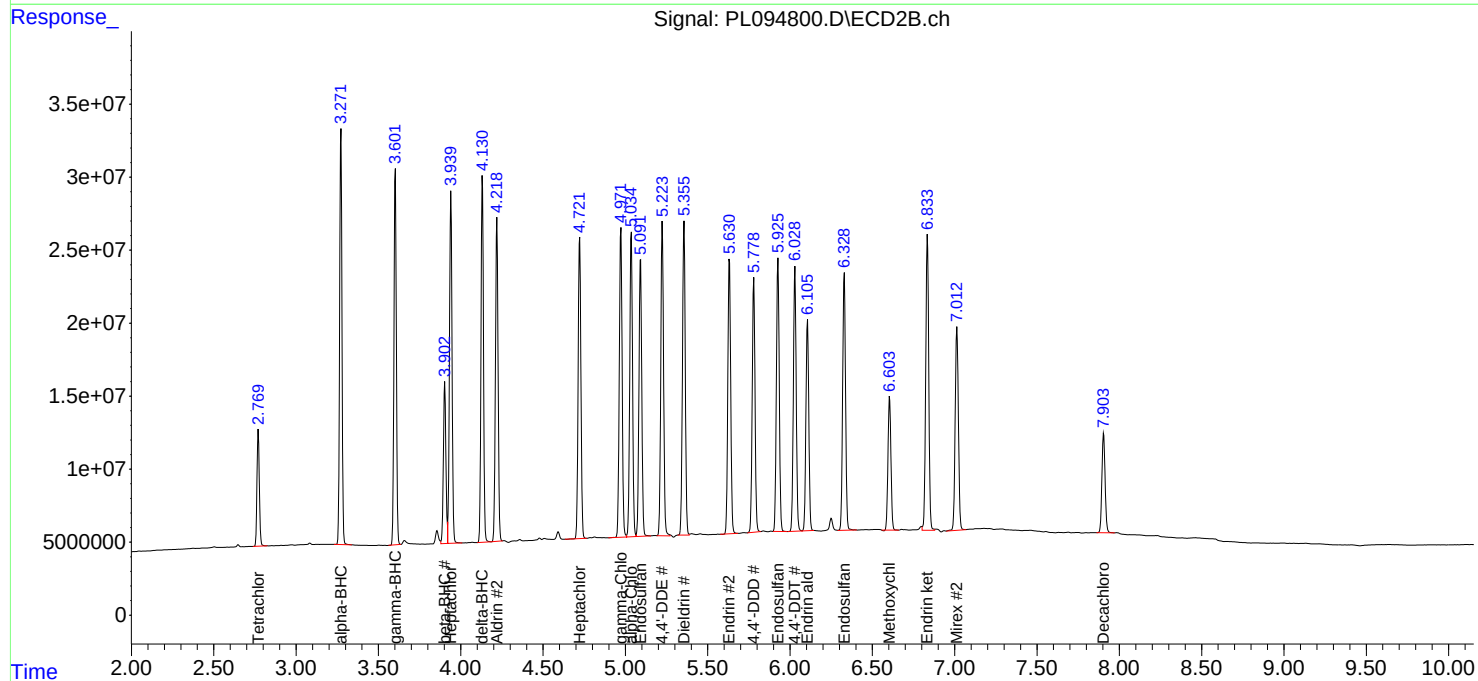
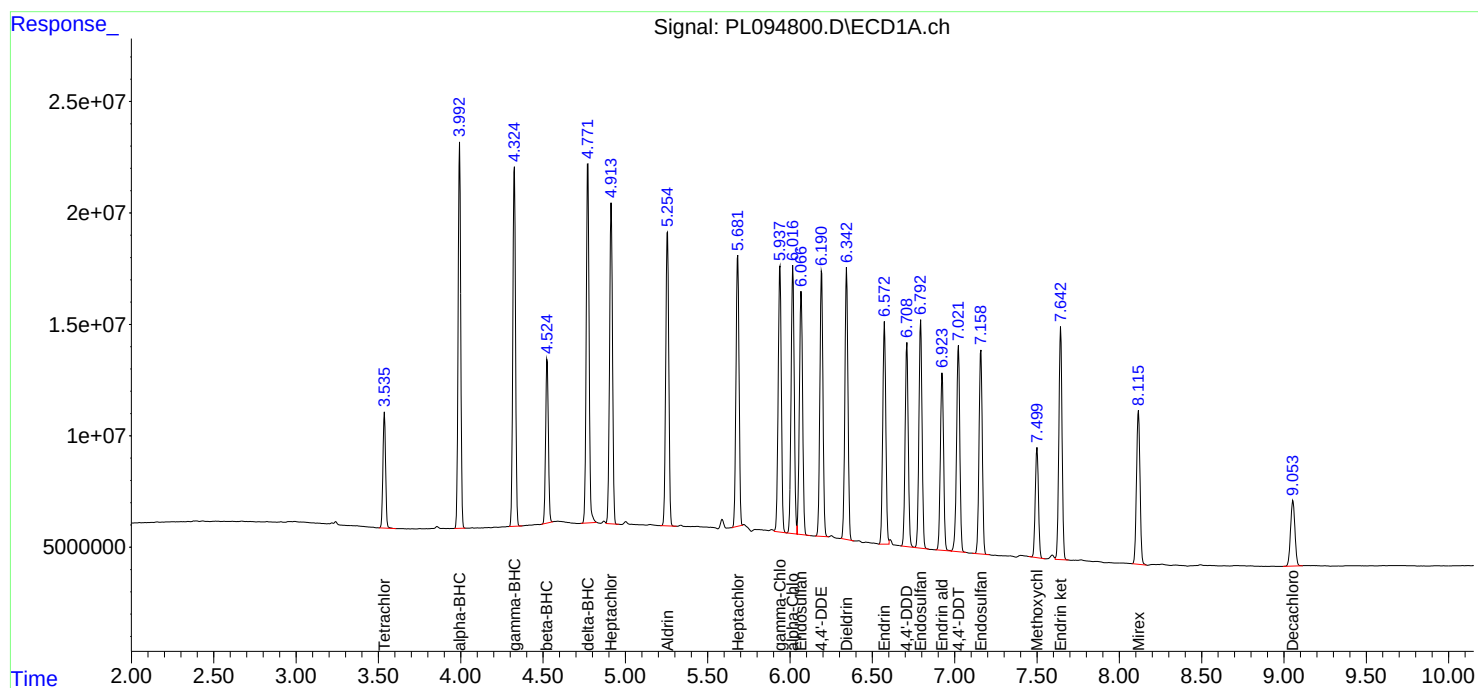
Instrument :
ECD_L
ClientSampleId :
PB167250BSD

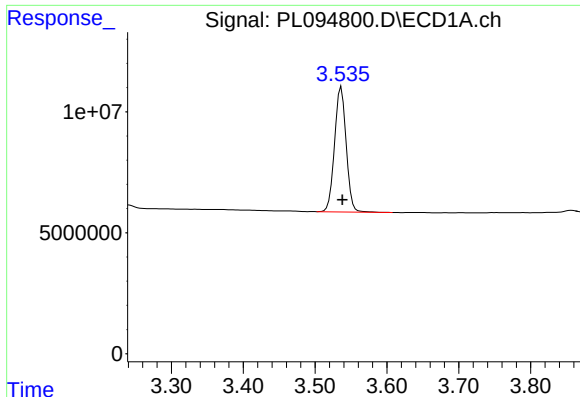
Manual Integrations
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Supervised By : mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 23:25:15 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





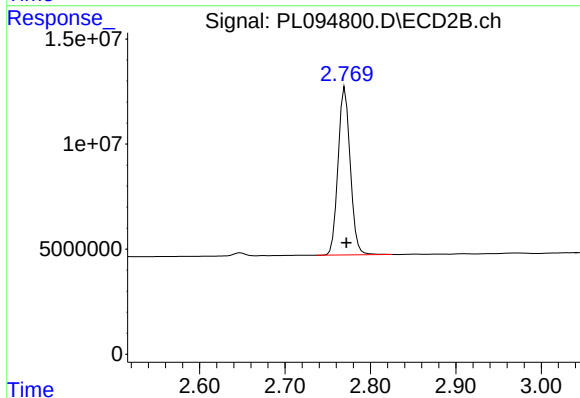
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 57892098
Conc: 20.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

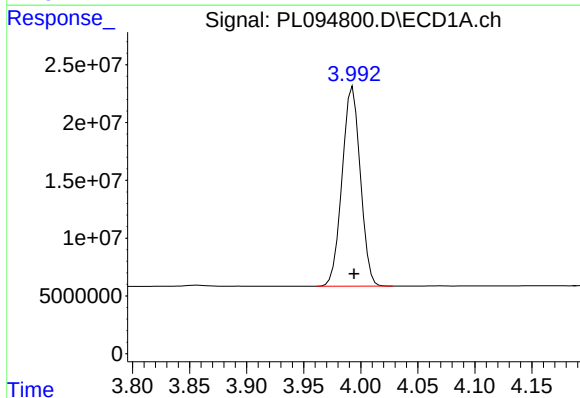
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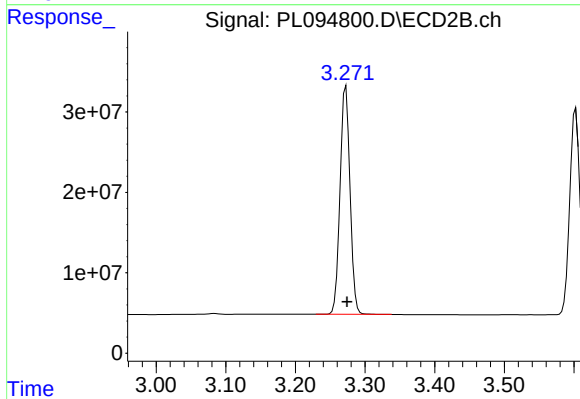
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 78973225
Conc: 22.13 ng/ml



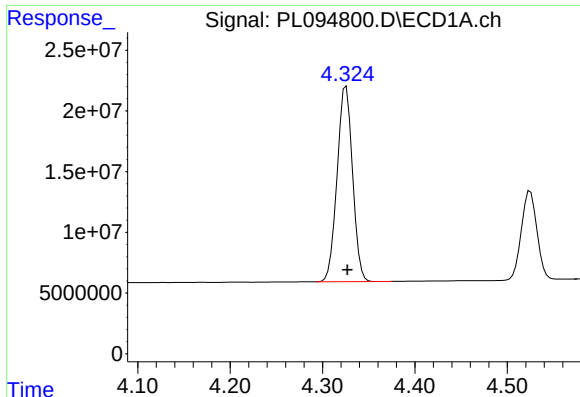
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 191925186
Conc: 46.22 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 282331831
Conc: 52.37 ng/ml



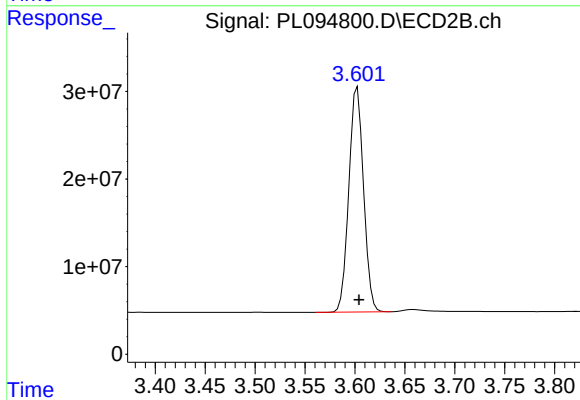
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 186930827
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

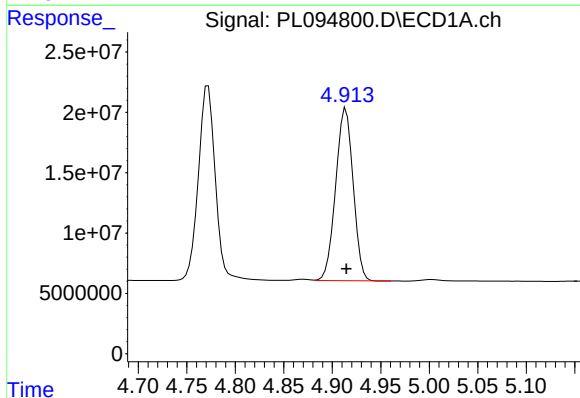
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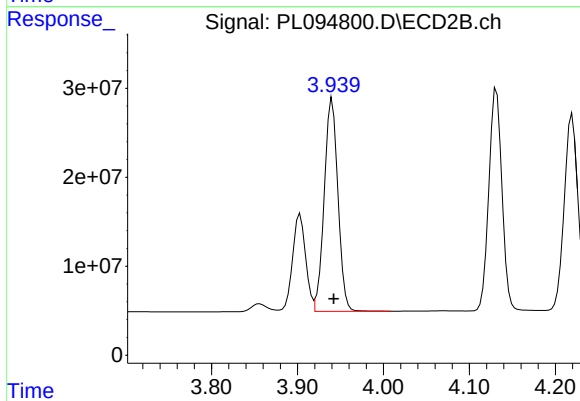
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 263155488
Conc: 51.20 ng/ml



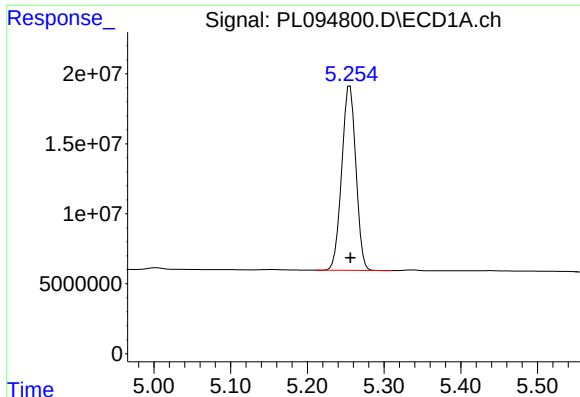
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 178975596
Conc: 46.11 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 265692829
Conc: 50.43 ng/ml



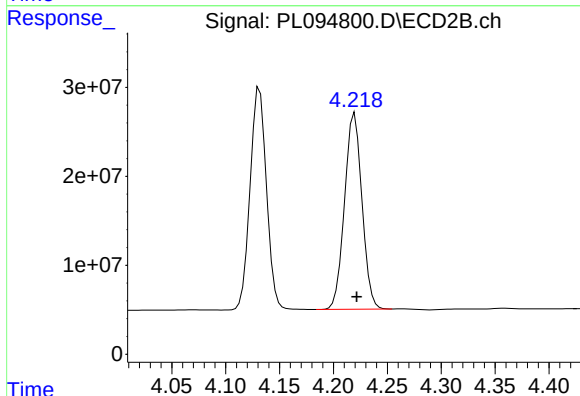
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 169586707
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

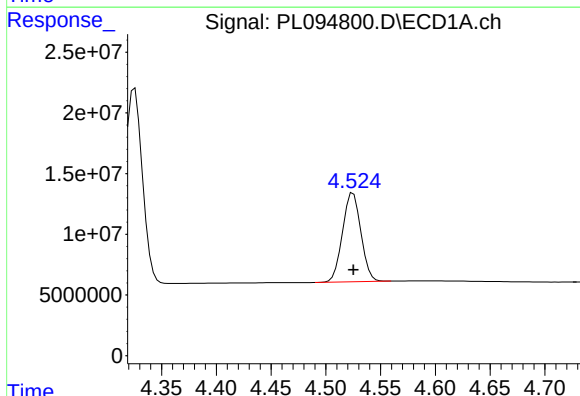
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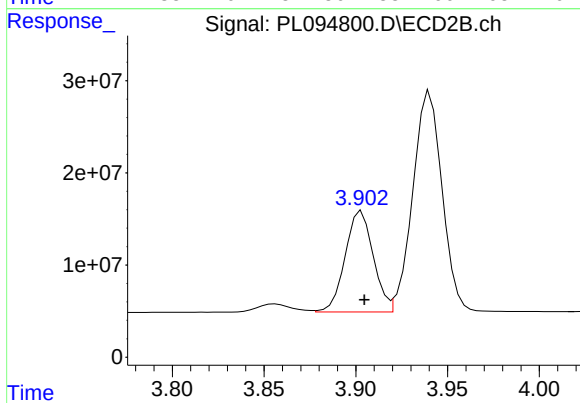
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 248327964
Conc: 50.93 ng/ml



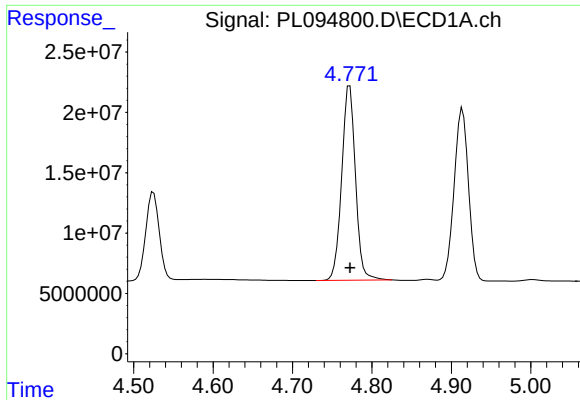
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 85802581
Conc: 46.50 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 116843041
Conc: 52.60 ng/ml



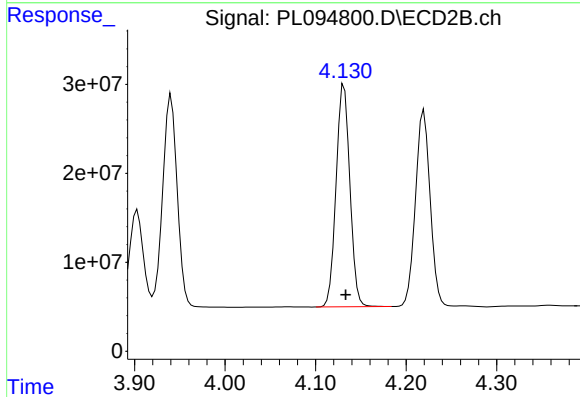
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 194940893
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

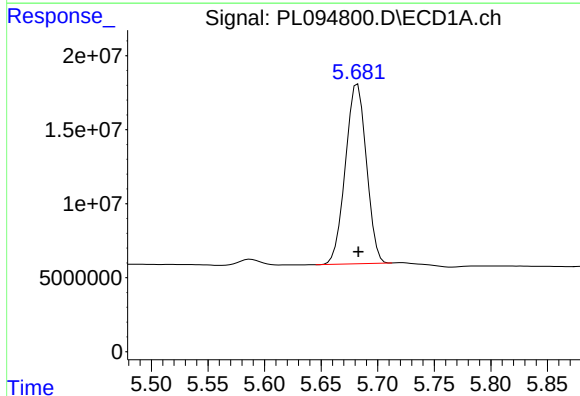
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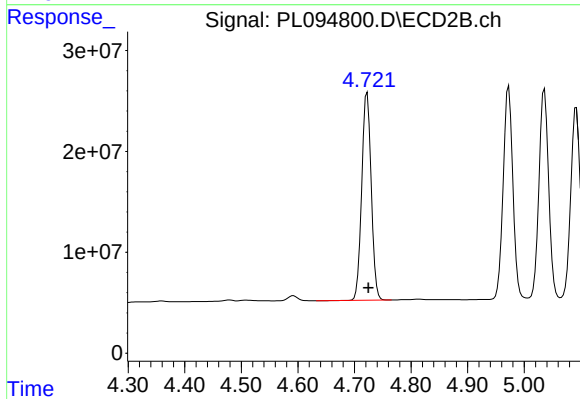
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.002 min
Response: 264711764
Conc: 52.92 ng/ml



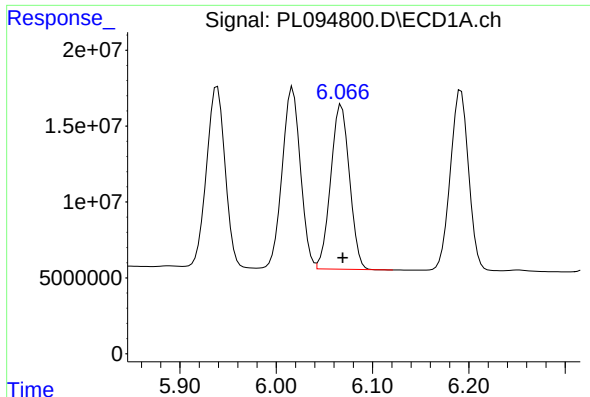
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 156785171
Conc: 46.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 239318818
Conc: 52.27 ng/ml



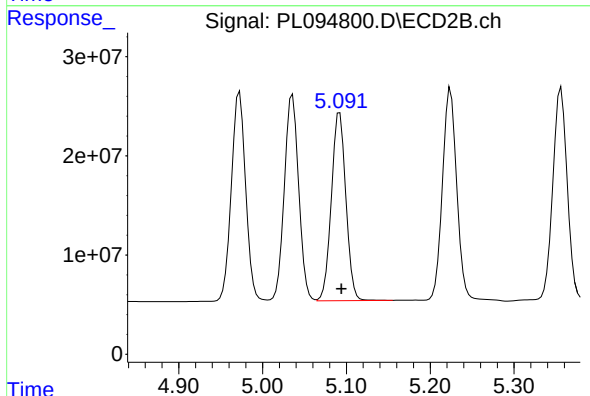
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 147348504
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

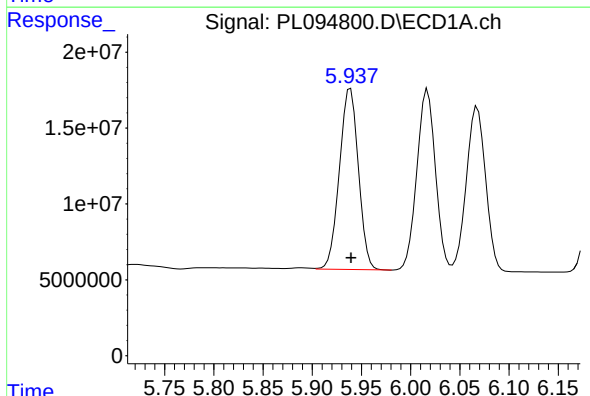
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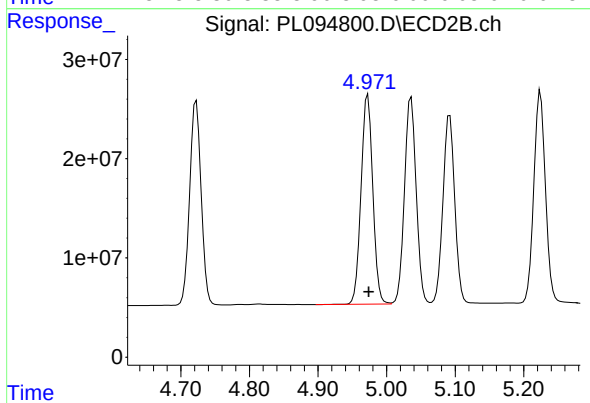
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 227295100
Conc: 51.79 ng/ml



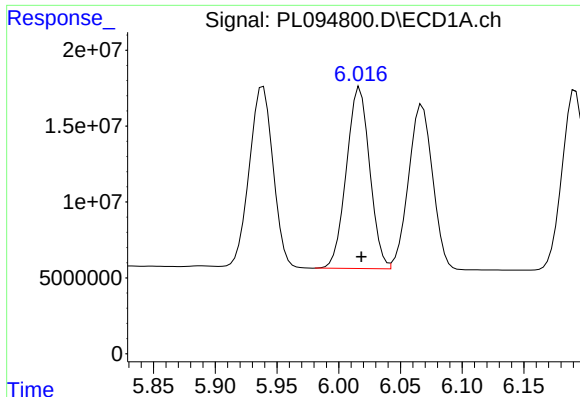
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 160029151
Conc: 47.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.001 min
Response: 251231659
Conc: 52.03 ng/ml



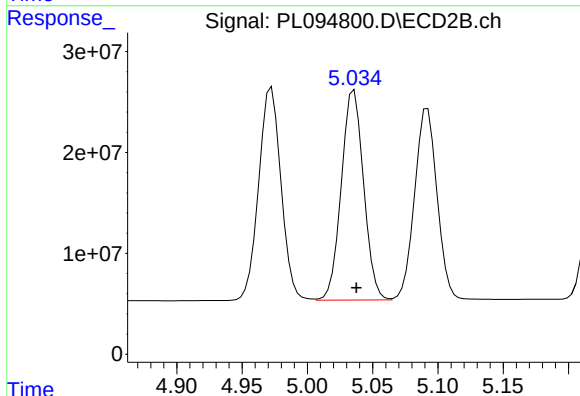
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 157098709
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

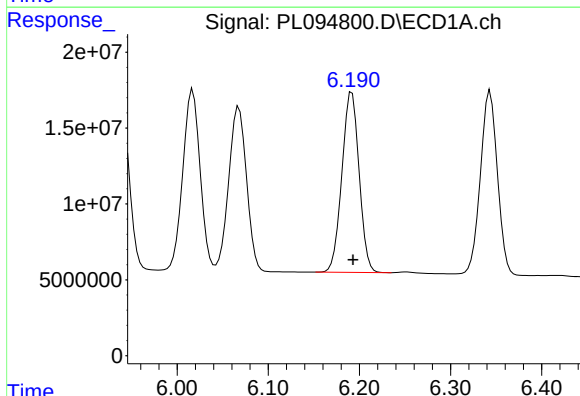
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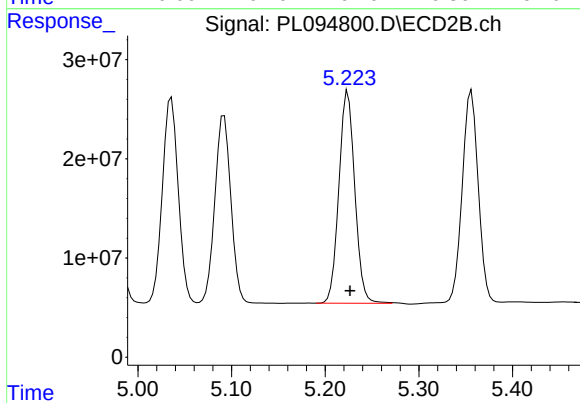
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 247378422
Conc: 51.83 ng/ml



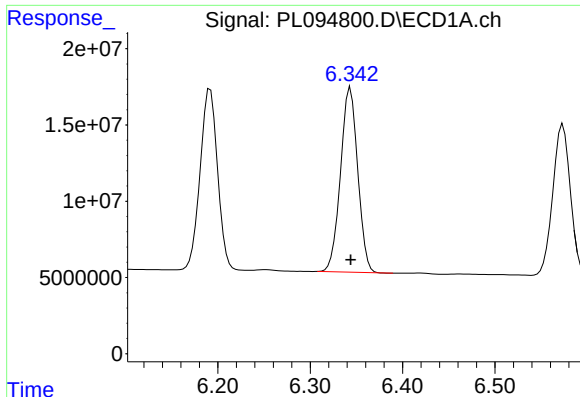
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 155880335
Conc: 52.98 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 252634411
Conc: 54.35 ng/ml m



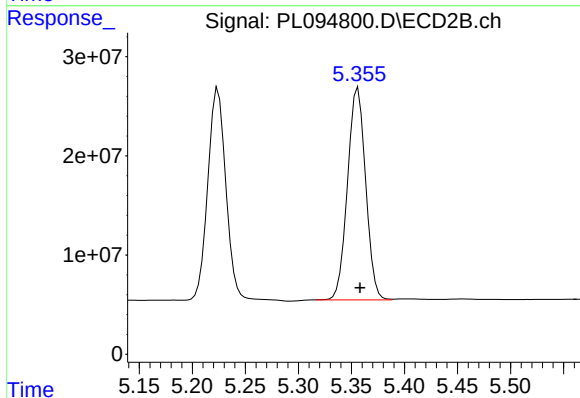
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 156736063
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

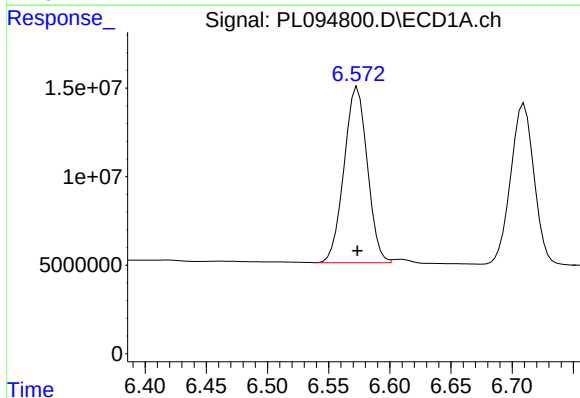
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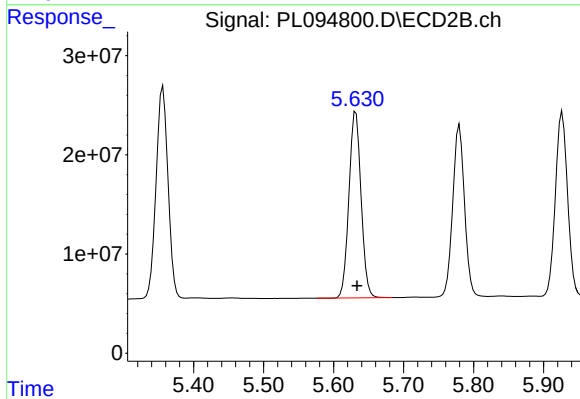
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 253806906
Conc: 52.31 ng/ml m



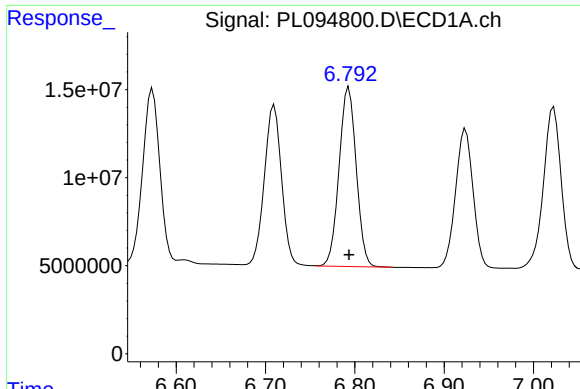
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 131525517
Conc: 47.45 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 226017455
Conc: 51.80 ng/ml



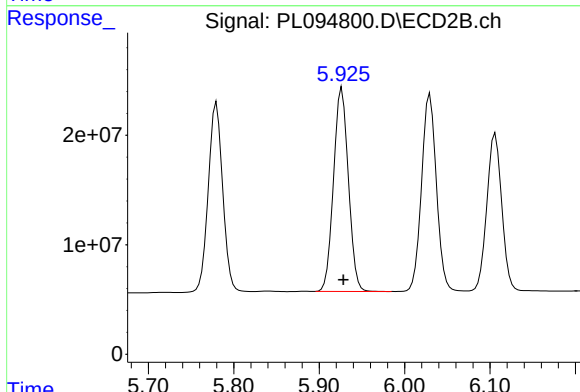
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 135714180
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

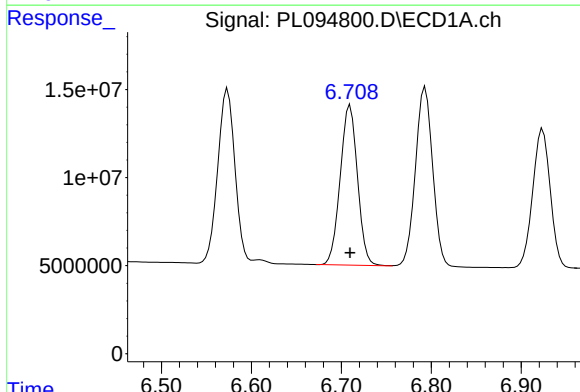
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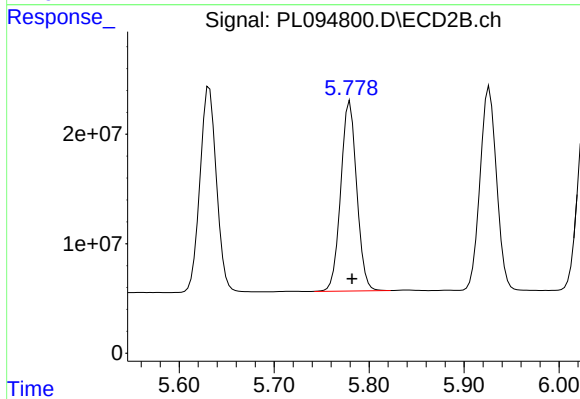
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 224994465
Conc: 51.98 ng/ml



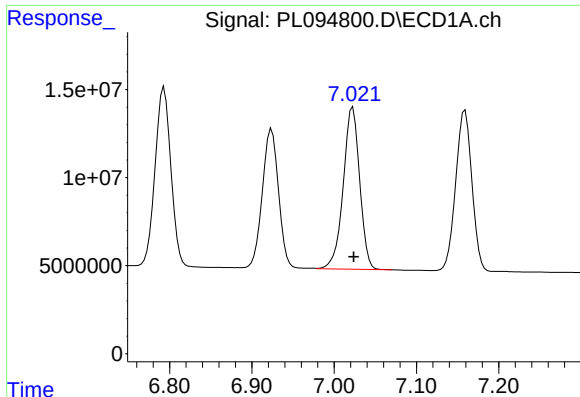
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 121229919
Conc: 55.97 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 202972347
Conc: 56.45 ng/ml



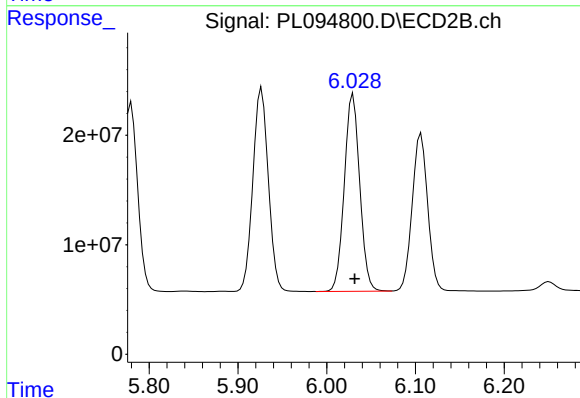
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.001 min
Response: 127873568
Conc: 53.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

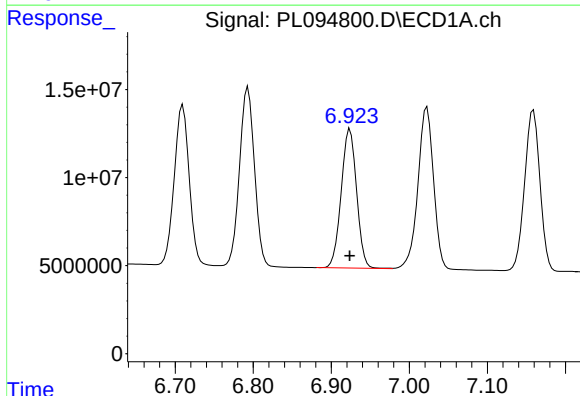
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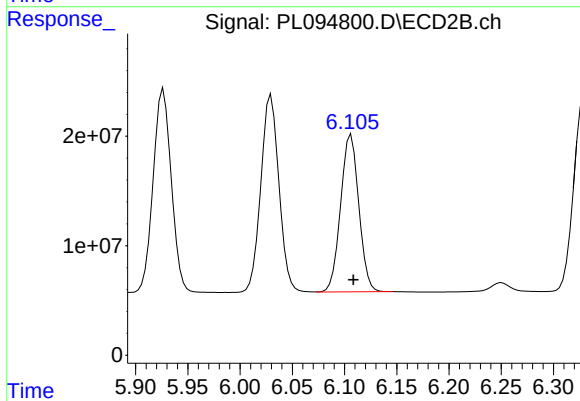
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 217453949
Conc: 53.93 ng/ml



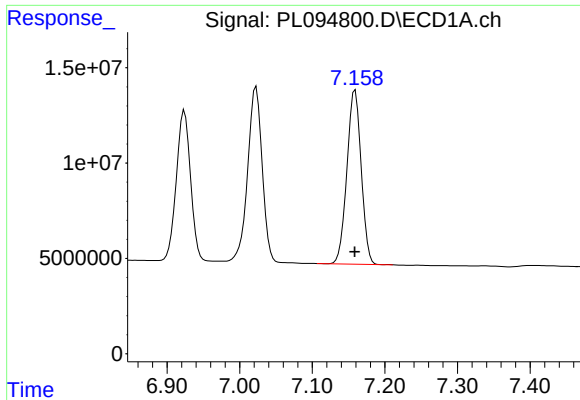
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 108078719
Conc: 51.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 173876415
Conc: 51.67 ng/ml



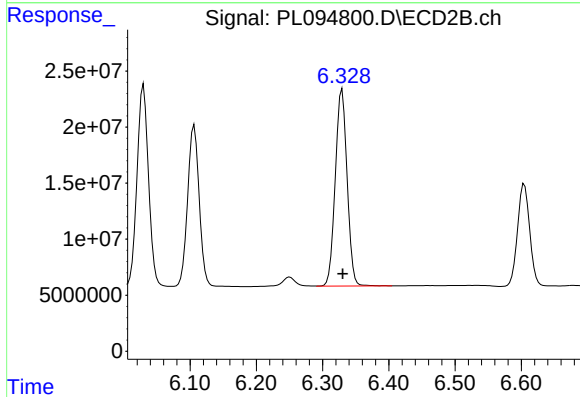
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 124779821
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

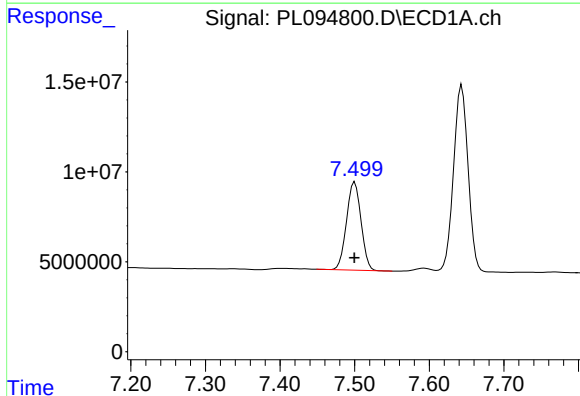
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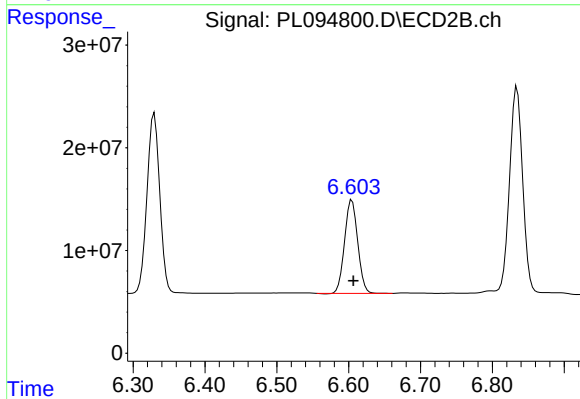
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 217822849
Conc: 53.47 ng/ml



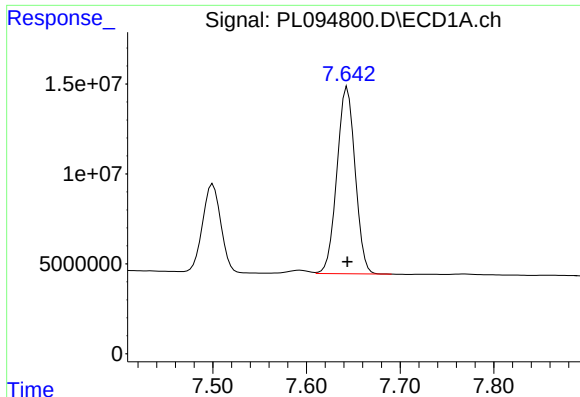
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 66131728
Conc: 55.24 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 115292450
Conc: 54.36 ng/ml



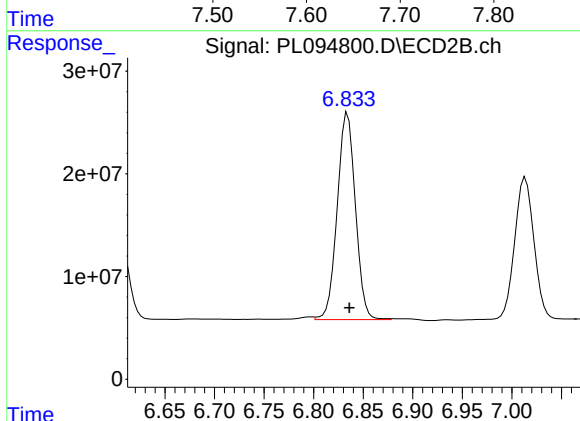
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 140505329
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

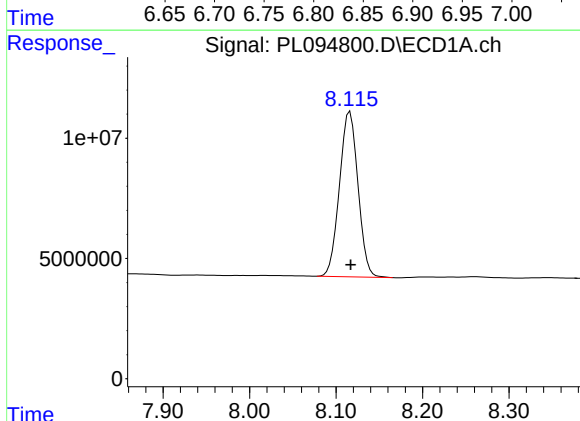
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



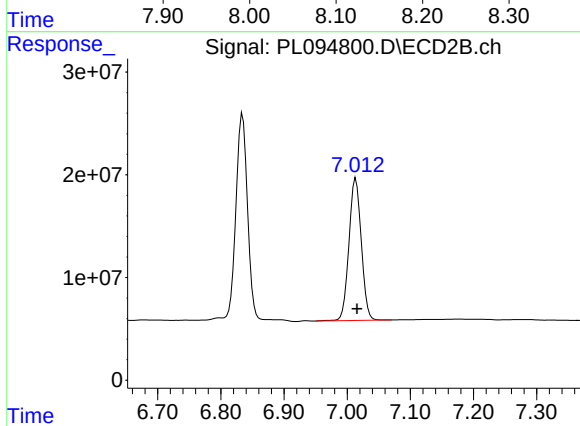
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 256639656
Conc: 53.77 ng/ml m



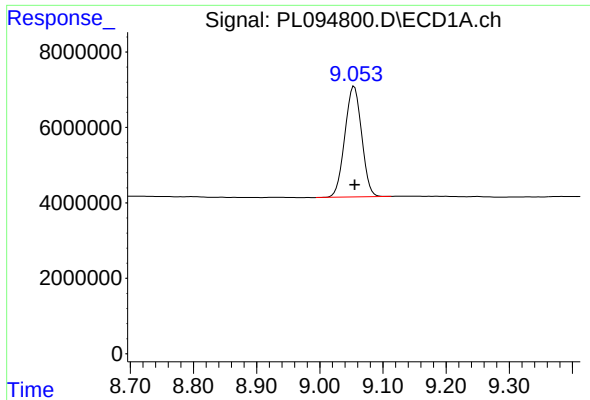
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 101821389
Conc: 49.28 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 187839329
Conc: 49.49 ng/ml



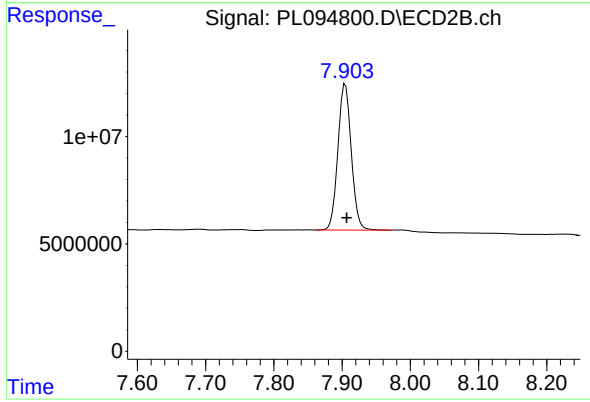
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: -0.001 min
Response: 54233038
Conc: 25.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 92847958
Conc: 22.99 ng/ml