

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
 Data File : PL095194.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 13:43
 Operator : AR\AJ
 Sample : Q1779-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-22MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/14/2025
 Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:11:18 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...	3.531	2.766	49932910	65906964	17.640m	18.465
28)	SA Decachlor...	9.045	7.896	36464389	61204096	17.303	15.152
Target Compounds							
2)	A alpha-BHC	3.989	3.268	166.2E6	243.2E6	40.021	45.105
3)	MA gamma-BHC...	4.322	3.597	160.2E6	228.3E6	40.152	44.430
4)	MA Heptachlor	4.909	3.934	152.1E6	223.6E6	39.185	42.448
5)	MB Aldrin	5.250	4.213	146.1E6	204.4E6	39.582	41.911
6)	B beta-BHC	4.521	3.898	71712101	99021614	38.864	44.578
7)	B delta-BHC	4.766	4.126	159.9E6	201.5E6	41.071m	40.284
8)	B Heptachlo...	5.677	4.716	126.9E6	189.9E6	37.948	41.472
9)	A Endosulfan I	6.063	5.086	127.8E6	175.4E6	41.629	39.961
10)	B gamma-Chl...	5.934	4.965	139.2E6	198.5E6	41.303	41.119m
11)	B alpha-Chl...	6.012	5.029	136.1E6	197.8E6	41.279	41.449
12)	B 4,4'-DDE	6.186	5.216	121.6E6	195.8E6	41.338	42.131m
13)	MA Dieldrin	6.338	5.348	133.0E6	197.5E6	41.600	40.713m
14)	MA Endrin	6.568	5.625	109.0E6	180.6E6	39.326	41.396
15)	B Endosulfa...	6.786	5.920	115.7E6	173.3E6	42.617m	40.041
16)	A 4,4'-DDD	6.704	5.773	105.0E6	154.6E6	48.474	43.001
17)	MA 4,4'-DDT	7.017	6.023	105.1E6	164.3E6	44.182	40.746
18)	B Endrin al...	6.918	6.099	86559914	135.4E6	41.004	40.245
19)	B Endosulfa...	7.152	6.322	101.7E6	164.8E6	41.836	40.453
20)	A Methoxychlor	7.494	6.596	54217561	89574302	45.292	42.231m
21)	B Endrin ke...	7.638	6.827	116.5E6	188.4E6	44.073	39.485
22)	Mirex	8.110	7.006	84068250	143.0E6	40.686	37.667

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
Data File : PL095194.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 13:43
Operator : AR\AJ
Sample : Q1779-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

TP-22MSD

Manual Integrations

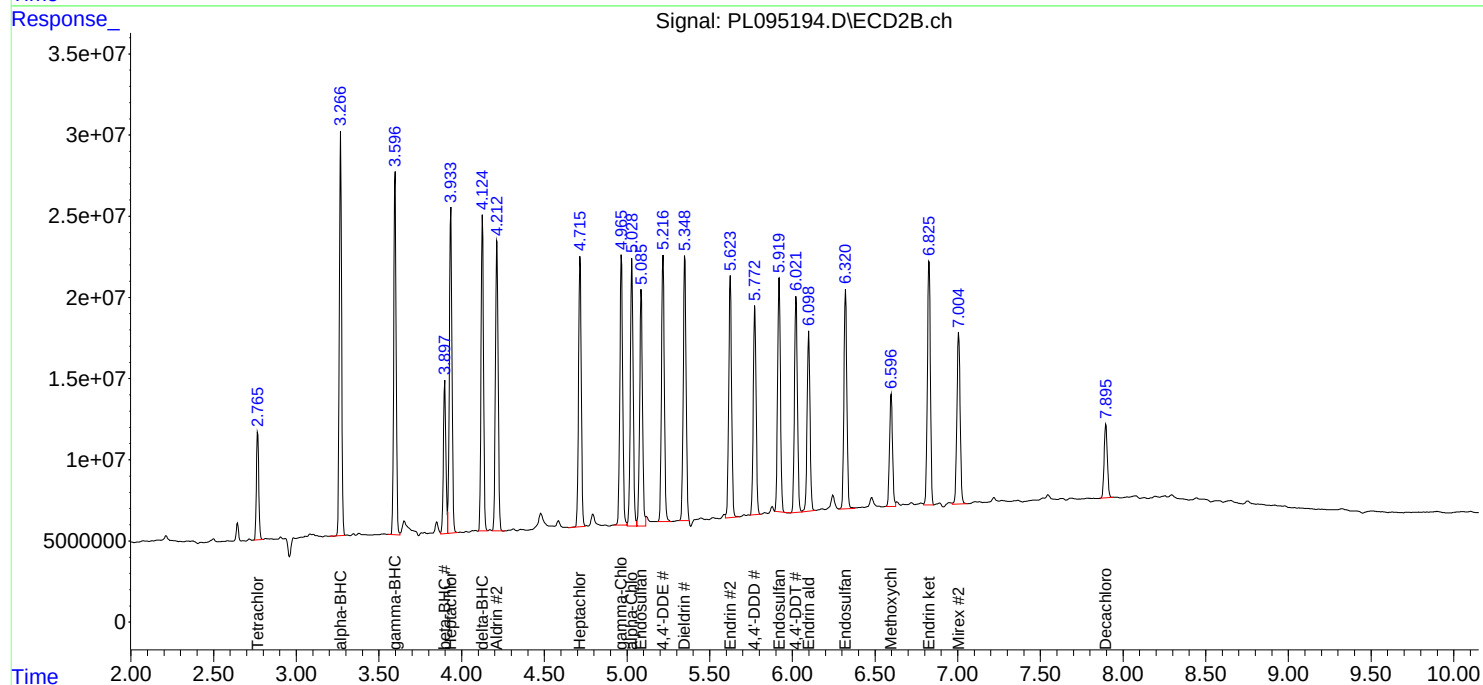
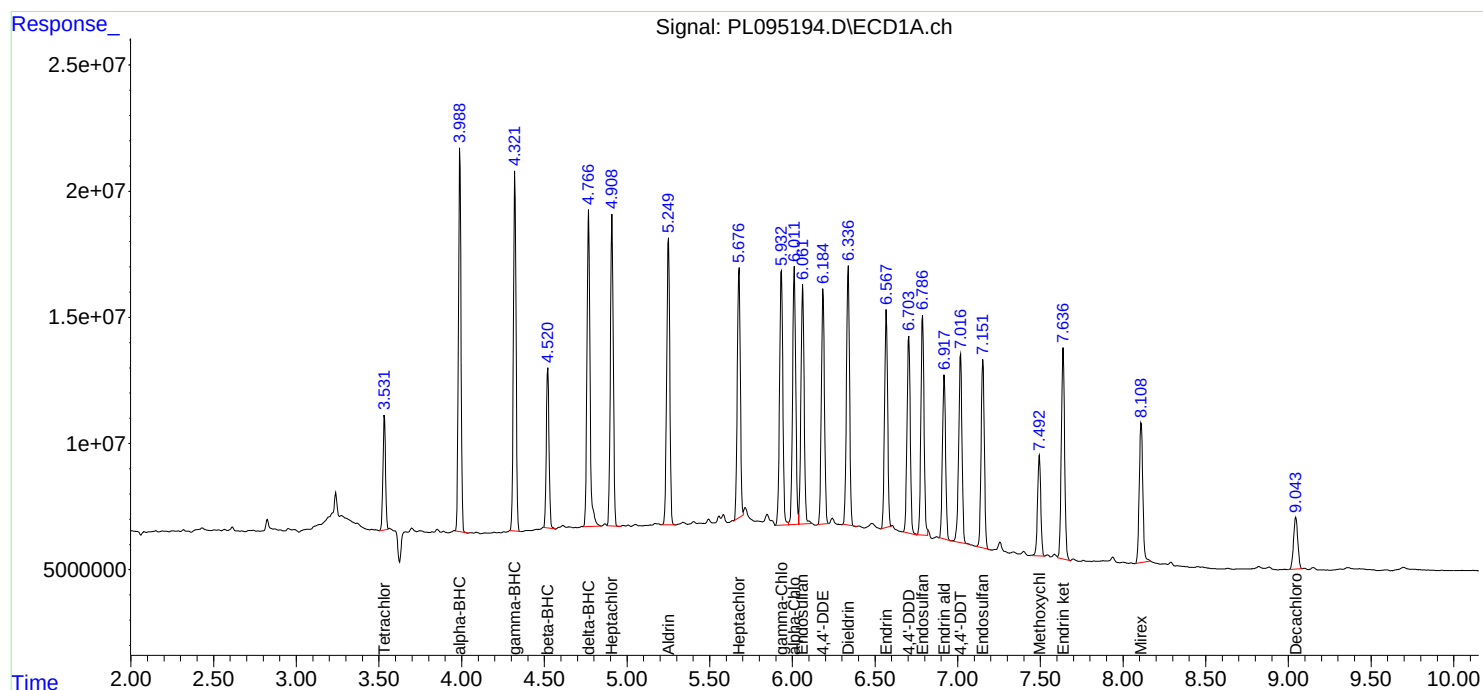
APPROVED

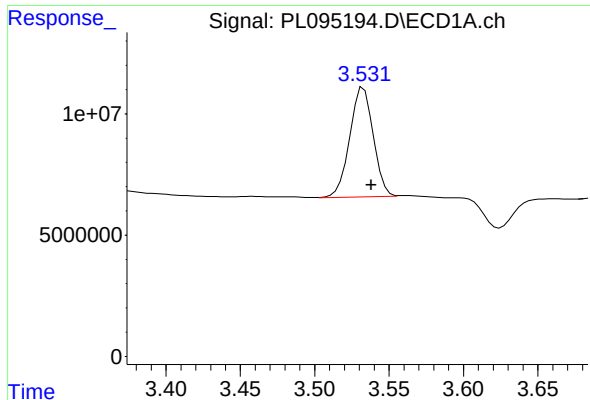
Reviewed By :Abdul Mirza 04/14/2025

Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:11:18 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





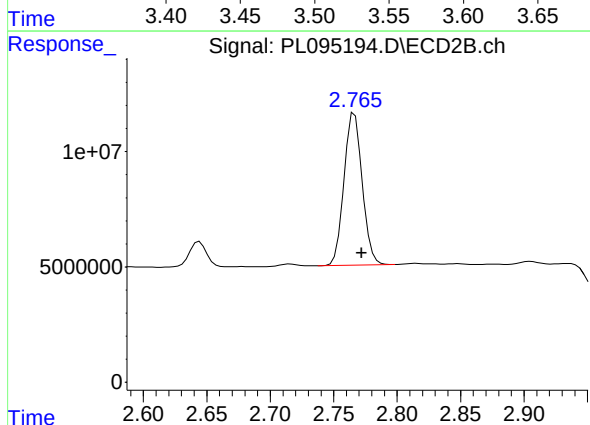
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.007 min
Response: 49932910
Conc: 17.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

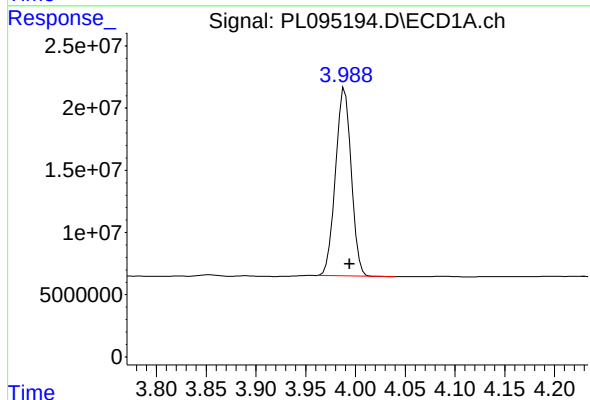
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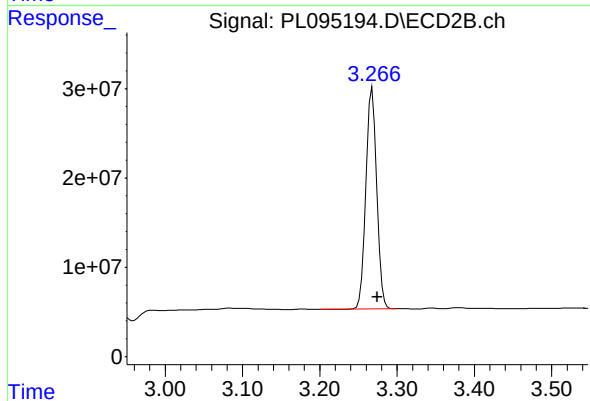
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: -0.005 min
Response: 65906964
Conc: 18.47 ng/ml



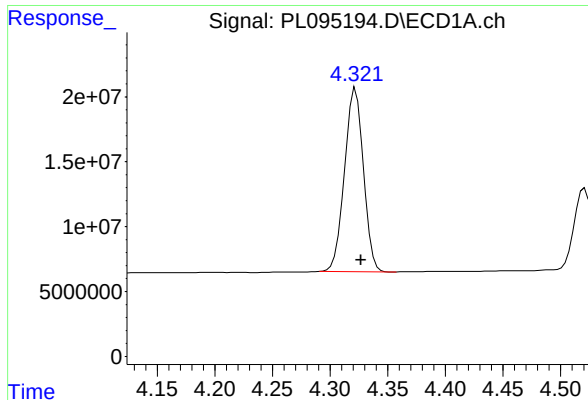
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: -0.005 min
Response: 166181721
Conc: 40.02 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.006 min
Response: 243179270
Conc: 45.11 ng/ml



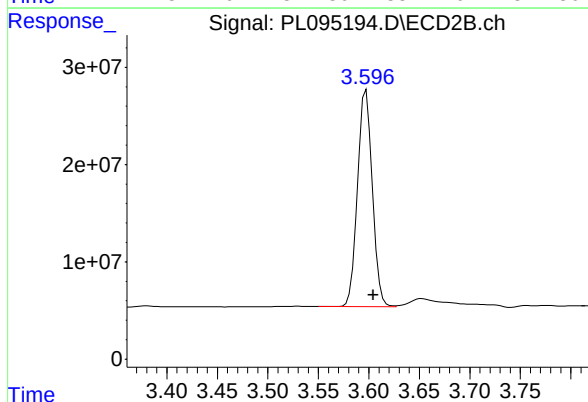
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 160216300
Conc: 40.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

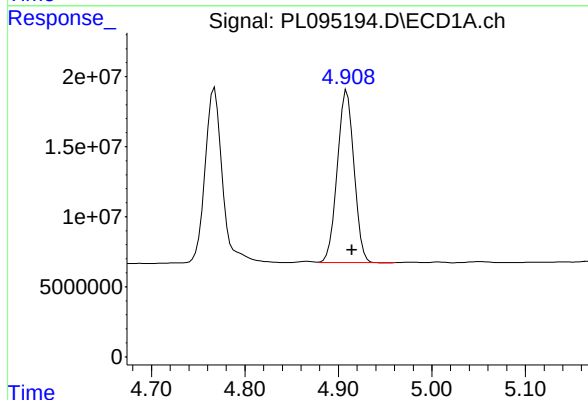
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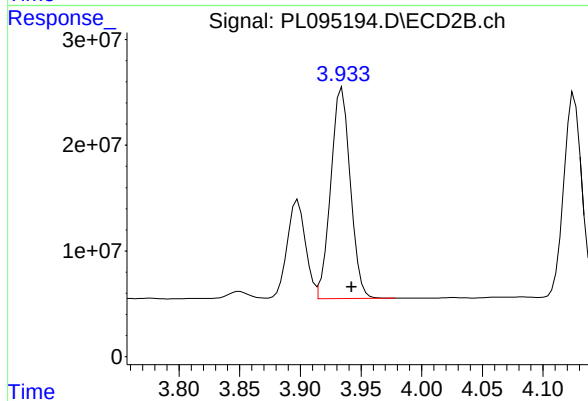
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: -0.007 min
Response: 228347075
Conc: 44.43 ng/ml



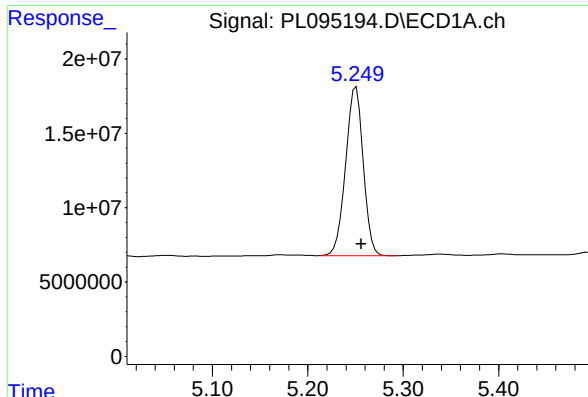
#4 Heptachlor

R.T.: 4.909 min
Delta R.T.: -0.005 min
Response: 152103465
Conc: 39.19 ng/ml



#4 Heptachlor

R.T.: 3.934 min
Delta R.T.: -0.008 min
Response: 223645808
Conc: 42.45 ng/ml



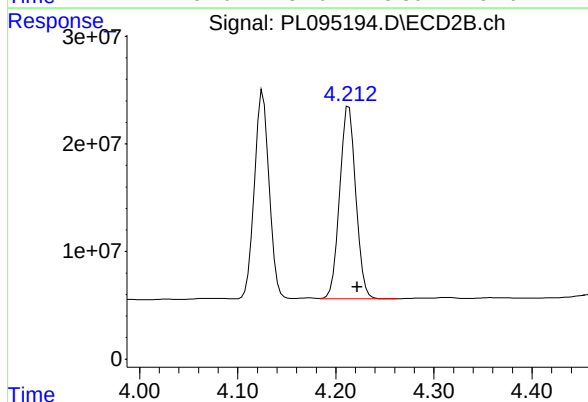
#5 Aldrin

R.T.: 5.250 min
Delta R.T.: -0.006 min
Response: 146145399
Conc: 39.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

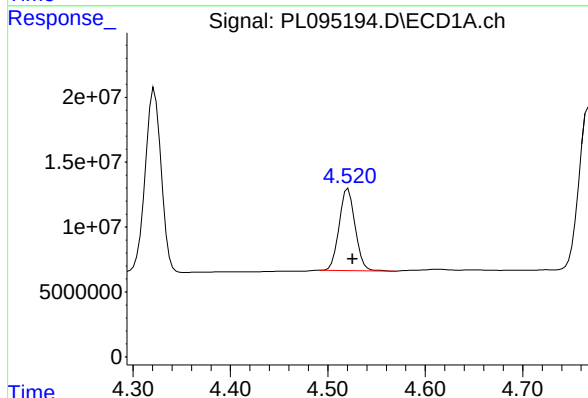
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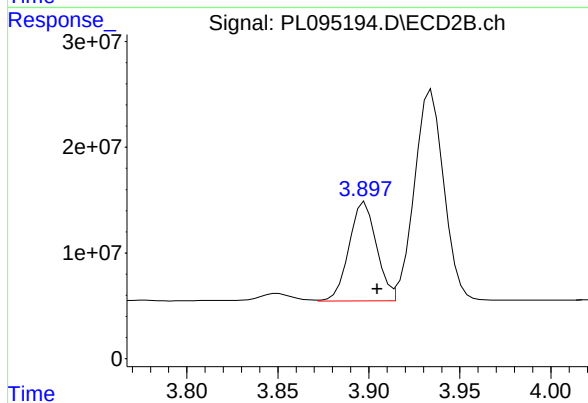
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: -0.008 min
Response: 204373103
Conc: 41.91 ng/ml



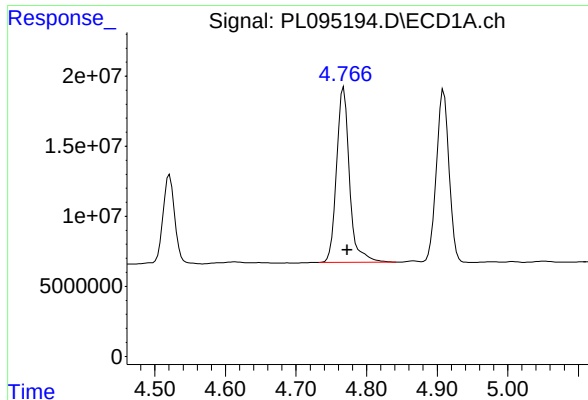
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 71712101
Conc: 38.86 ng/ml



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: -0.007 min
Response: 99021614
Conc: 44.58 ng/ml



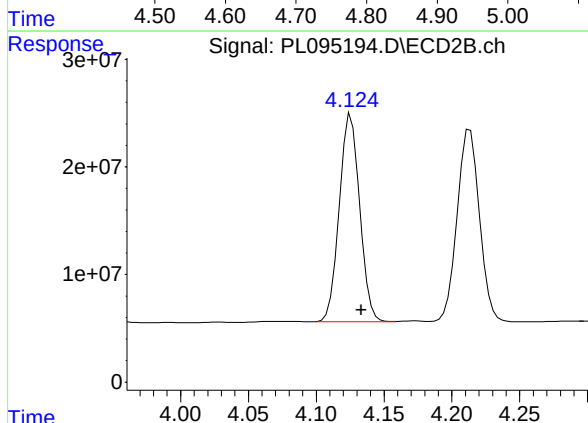
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: -0.006 min
Response: 159943673
Conc: 41.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

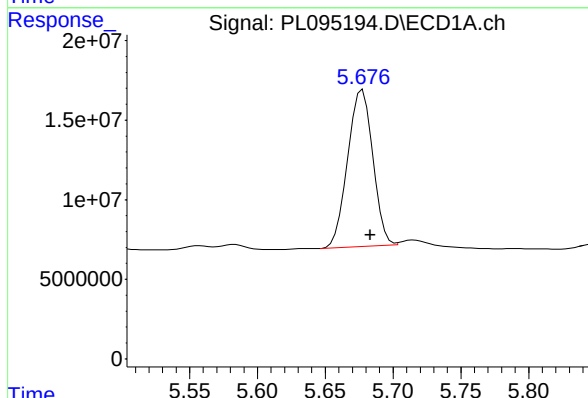
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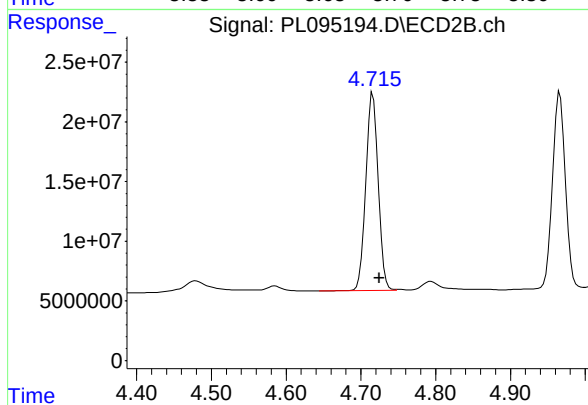
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: -0.007 min
Response: 201500638
Conc: 40.28 ng/ml



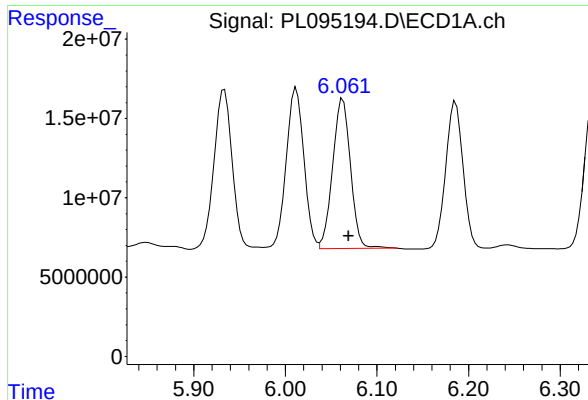
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 126942243
Conc: 37.95 ng/ml



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: -0.008 min
Response: 189883175
Conc: 41.47 ng/ml



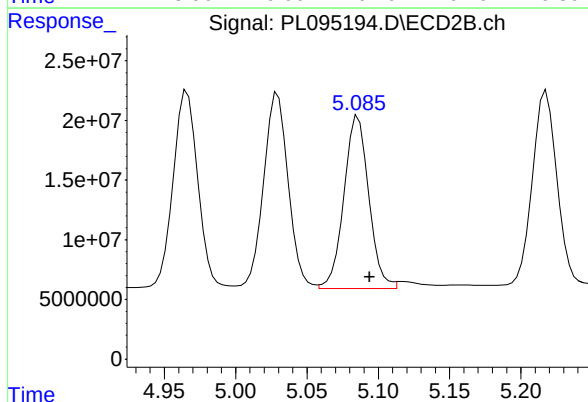
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 127809118
Conc: 41.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

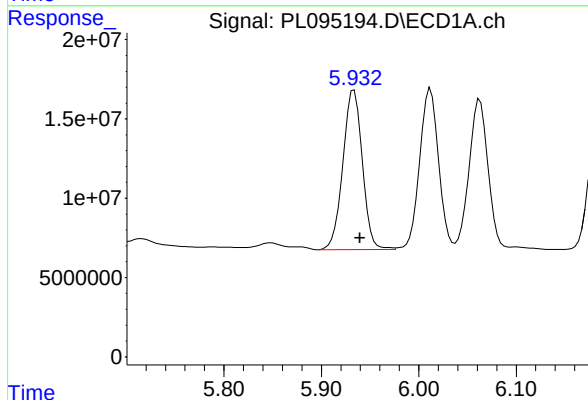
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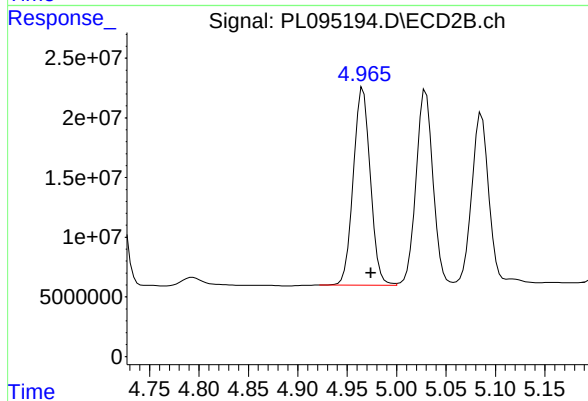
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: -0.008 min
Response: 175377007
Conc: 39.96 ng/ml



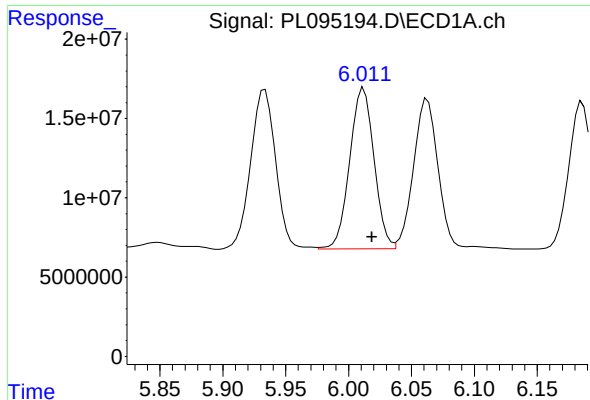
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.006 min
Response: 139164931
Conc: 41.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.009 min
Response: 198539265
Conc: 41.12 ng/ml m



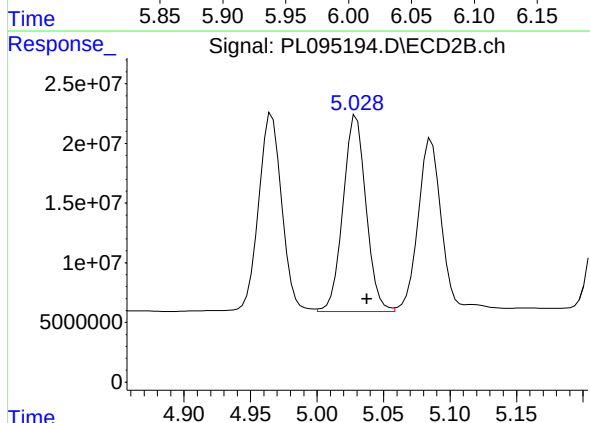
#11 alpha-Chlordane

R.T.: 6.012 min
Delta R.T.: -0.006 min
Response: 136091409
Conc: 41.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

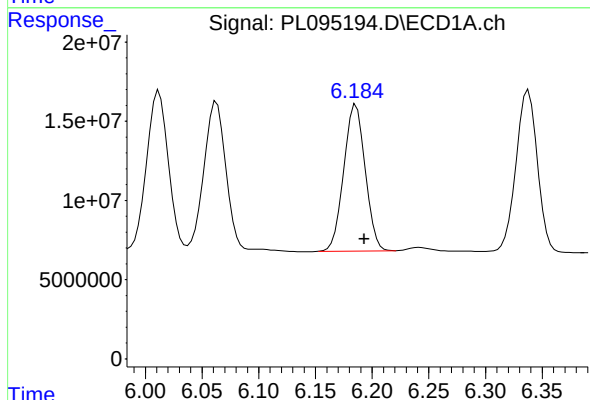
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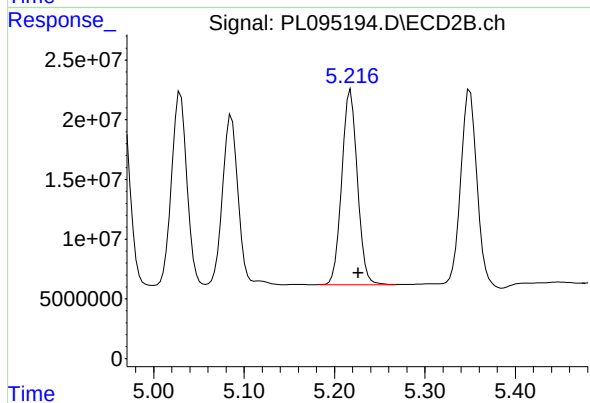
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.008 min
Response: 197826737
Conc: 41.45 ng/ml



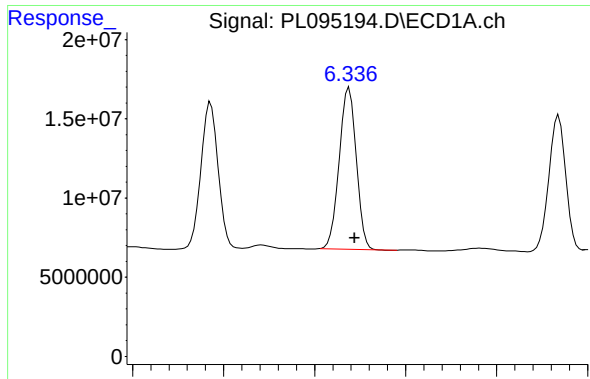
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.007 min
Response: 121620027
Conc: 41.34 ng/ml



#12 4,4'-DDE

R.T.: 5.216 min
Delta R.T.: -0.010 min
Response: 195848874
Conc: 42.13 ng/ml m



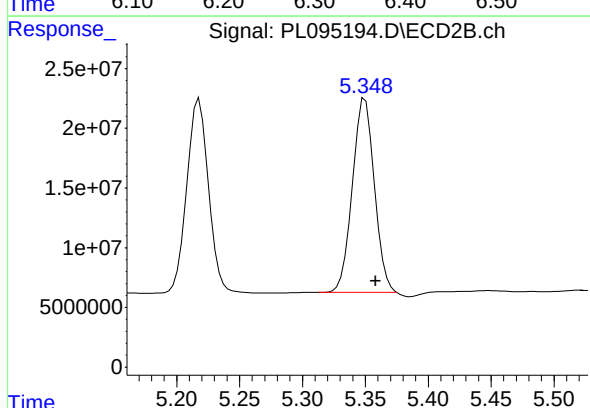
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 133041487
Conc: 41.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

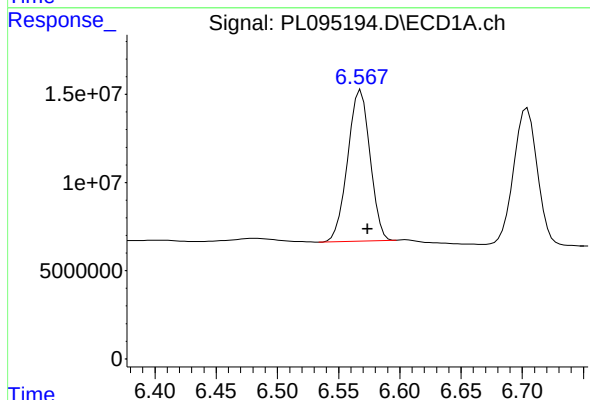
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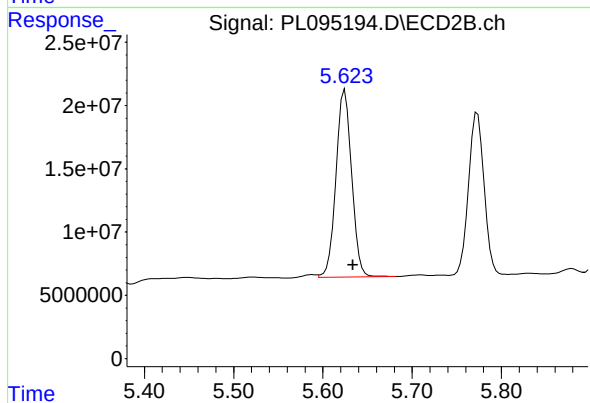
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.010 min
Response: 197529982
Conc: 40.71 ng/ml



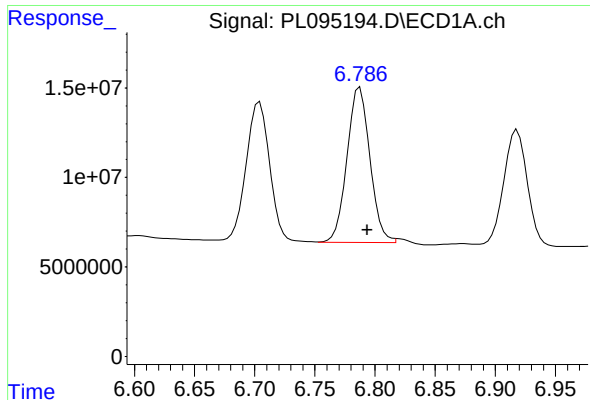
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 109013931
Conc: 39.33 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.009 min
Response: 180637606
Conc: 41.40 ng/ml



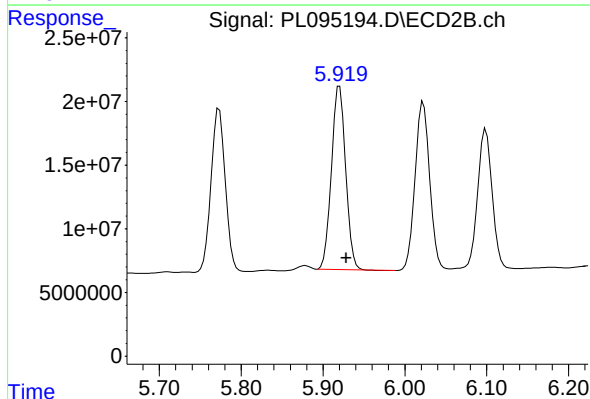
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: -0.008 min
Response: 115694729
Conc: 42.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

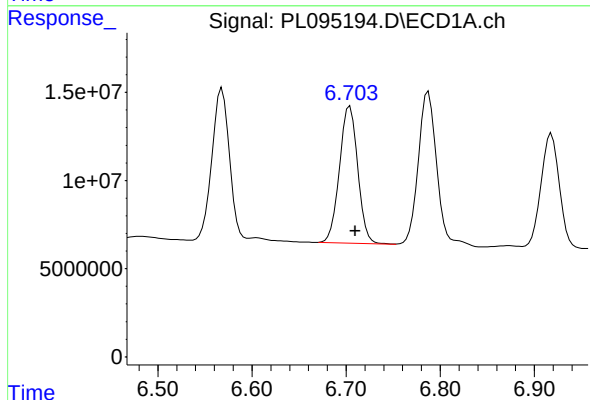
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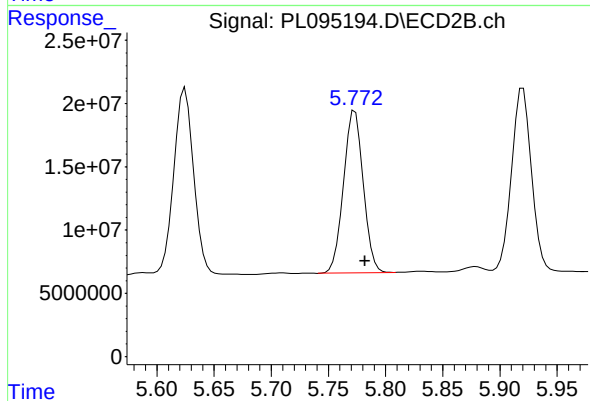
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.008 min
Response: 173307262
Conc: 40.04 ng/ml



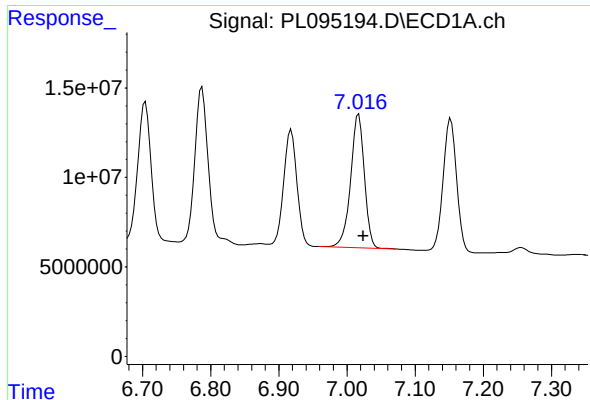
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 104997221
Conc: 48.47 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 154627692
Conc: 43.00 ng/ml



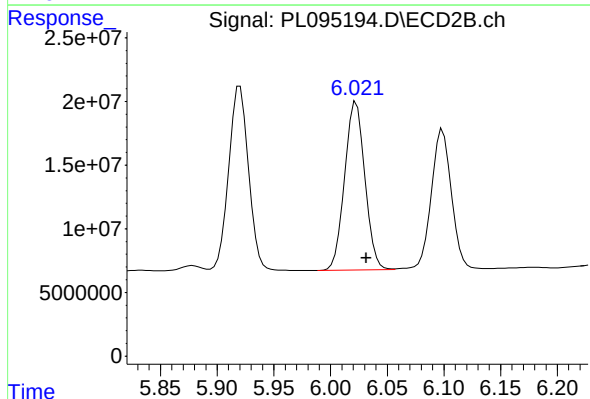
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: -0.007 min
Response: 105089299
Conc: 44.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

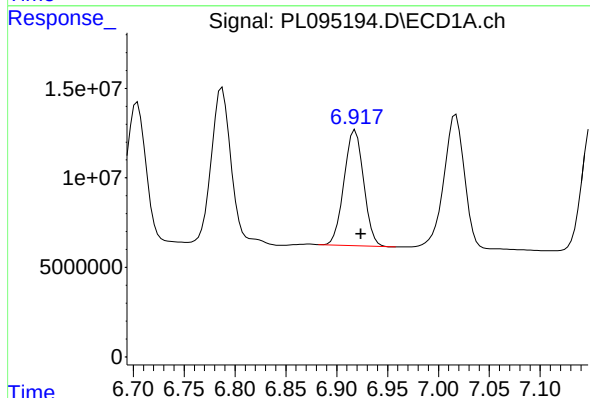
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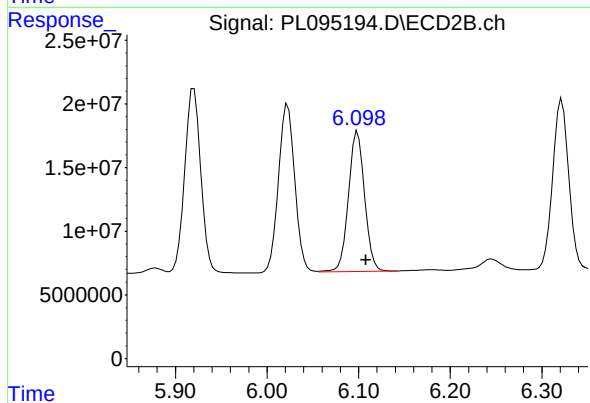
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.009 min
Response: 164294009
Conc: 40.75 ng/ml



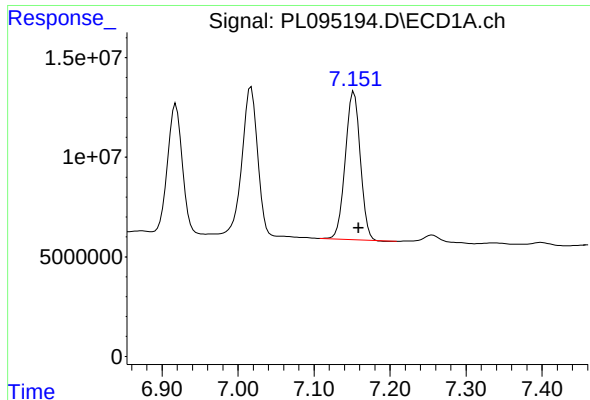
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 86559914
Conc: 41.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: -0.009 min
Response: 135438615
Conc: 40.24 ng/ml



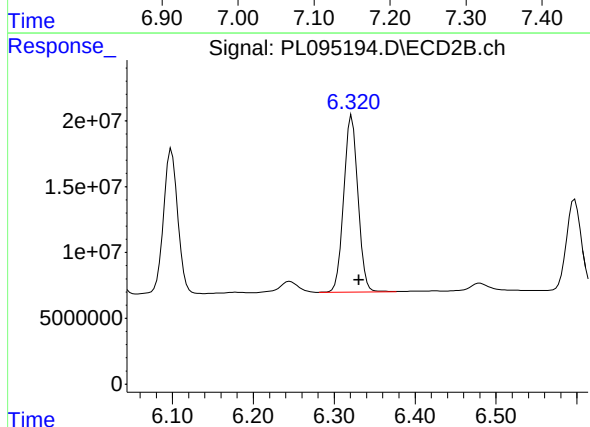
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: -0.006 min
Response: 101744909
Conc: 41.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

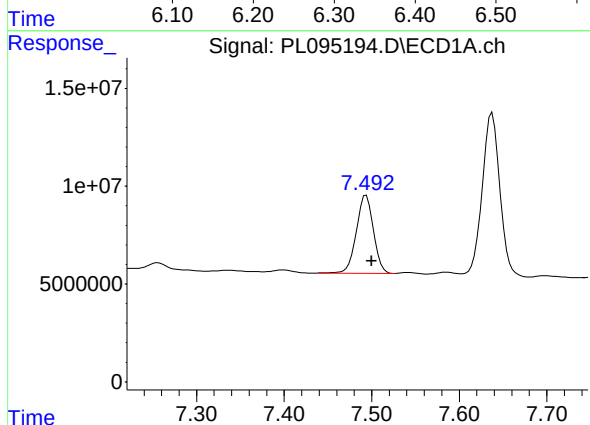
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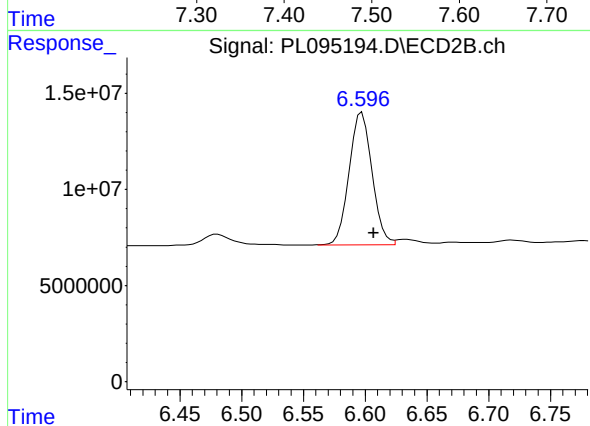
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: -0.009 min
Response: 164781366
Conc: 40.45 ng/ml



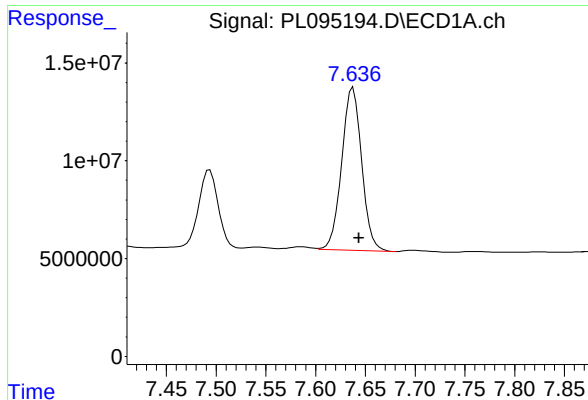
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.006 min
Response: 54217561
Conc: 45.29 ng/ml



#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: -0.011 min
Response: 89574302
Conc: 42.23 ng/ml m



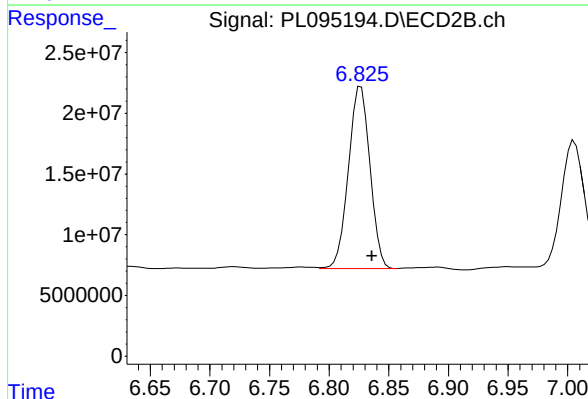
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 116497655
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

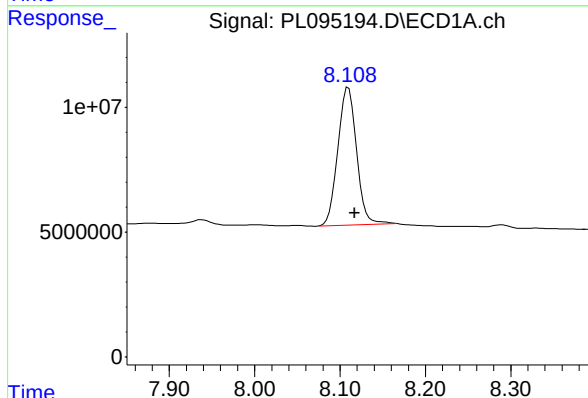
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



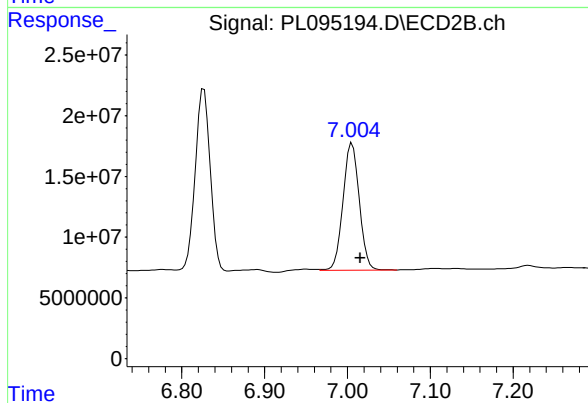
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.009 min
Response: 188445305
Conc: 39.48 ng/ml



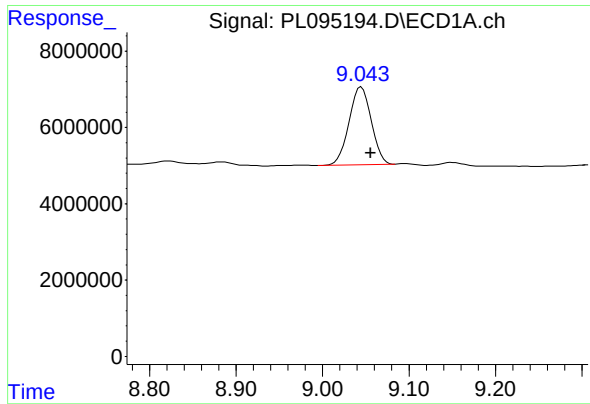
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 84068250
Conc: 40.69 ng/ml



#22 Mirex

R.T.: 7.006 min
Delta R.T.: -0.010 min
Response: 142959627
Conc: 37.67 ng/ml



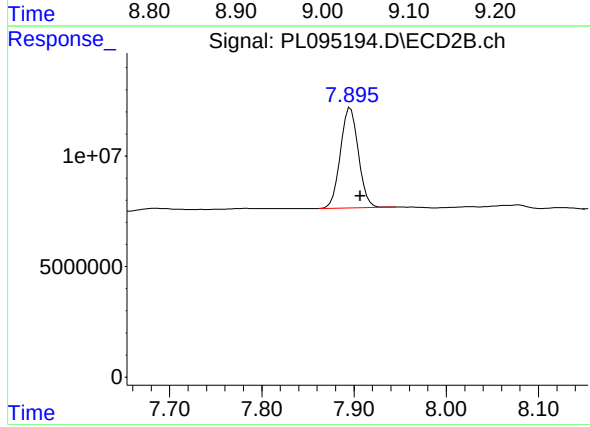
#28 Decachlorobiphenyl

R.T.: 9.045 min
Delta R.T.: -0.011 min
Response: 36464389
Conc: 17.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MSD

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#28 Decachlorobiphenyl

R.T.: 7.896 min
Delta R.T.: -0.011 min
Response: 61204096
Conc: 15.15 ng/ml