

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
 Data File : PL097329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 18:25
 Operator : AR\AJ
 Sample : PB169766BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169766BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/23/2025
 Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:47:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.527	2.824	65626356	97844010	14.496	14.880
28)	SA Decachlor...	9.001	7.984	52069574	80037044	15.913	14.062
Target Compounds							
2)	A alpha-BHC	3.974	3.329	259.7E6	378.1E6	37.167	37.975
3)	MA gamma-BHC...	4.302	3.661	243.3E6	351.6E6	36.790	37.752
4)	MA Heptachlor	4.892	4.008	243.3E6	337.5E6	36.474	36.266
5)	MB Aldrin	5.232	4.291	235.5E6	328.8E6	37.180	37.888
6)	B beta-BHC	4.489	3.957	102.8E6	148.2E6	37.691	36.479
7)	B delta-BHC	4.734	4.189	228.4E6	338.2E6	37.645m	36.790
8)	B Heptachlo...	5.652	4.793	215.1E6	300.6E6	37.429	37.894
9)	A Endosulfan I	6.033	5.164	190.0E6	285.3E6	36.675	37.128
10)	B gamma-Chl...	5.906	5.045	210.4E6	330.0E6	37.221	37.789
11)	B alpha-Chl...	5.986	5.109	207.2E6	316.2E6	36.472	38.097
12)	B 4,4'-DDE	6.157	5.297	178.7E6	289.0E6	37.505	37.604
13)	MA Dieldrin	6.306	5.428	200.3E6	303.0E6	36.539	37.056
14)	MA Endrin	6.532	5.702	152.5E6	248.5E6	33.062	33.090
15)	B Endosulfa...	6.745	5.994	175.5E6	253.2E6	35.692	35.618
16)	A 4,4'-DDD	6.665	5.850	148.4E6	245.9E6	39.346	38.135
17)	MA 4,4'-DDT	6.979	6.102	138.6E6	218.0E6	32.776	31.500
18)	B Endrin al...	6.874	6.172	124.2E6	198.5E6	40.272	37.200
19)	B Endosulfa...	7.107	6.395	149.3E6	240.0E6	36.561	35.037
20)	A Methoxychlor	7.452	6.674	66938659	114.7E6	32.099	30.420
21)	B Endrin ke...	7.587	6.900	160.6E6	268.5E6	37.828	35.650
22)	Mirex	8.065	7.089	124.6E6	198.1E6	35.109	33.137

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
Data File : PL097329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 18:25
Operator : AR\AJ
Sample : PB169766BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB169766BS

Manual Integrations

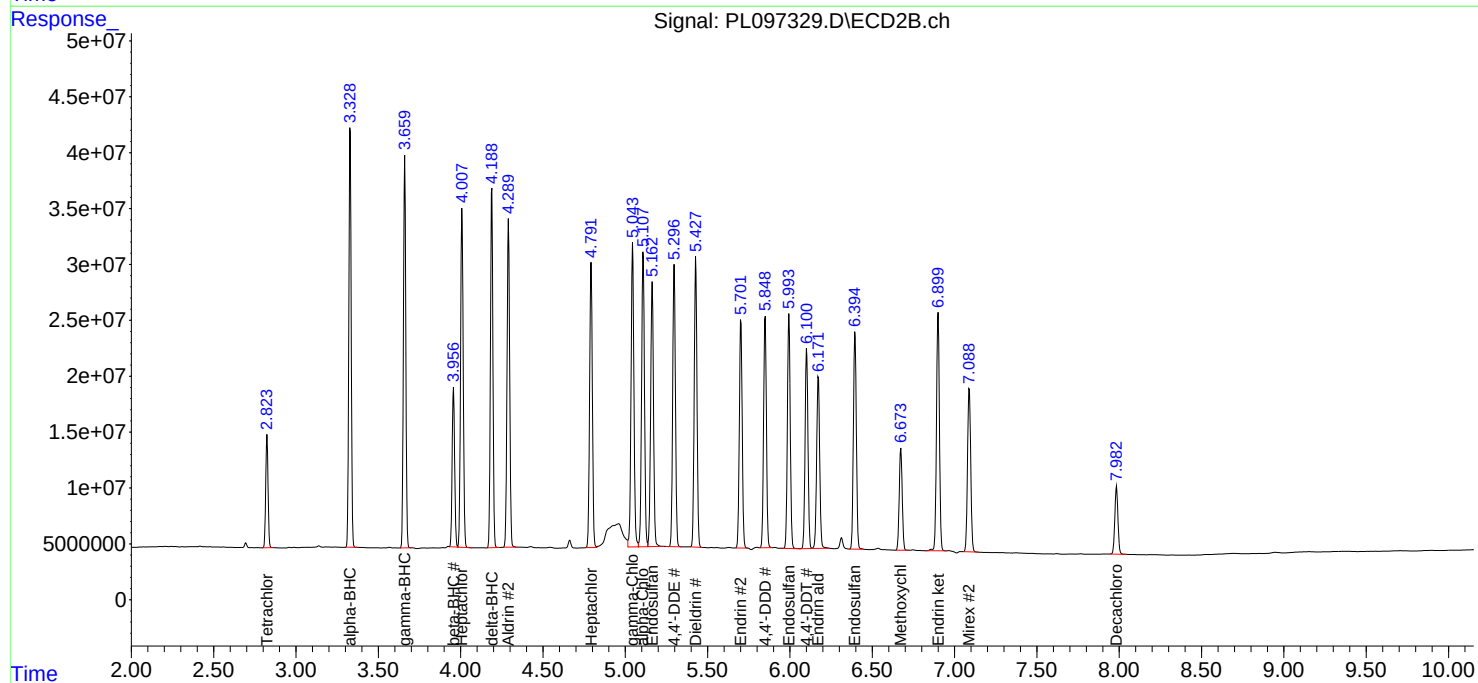
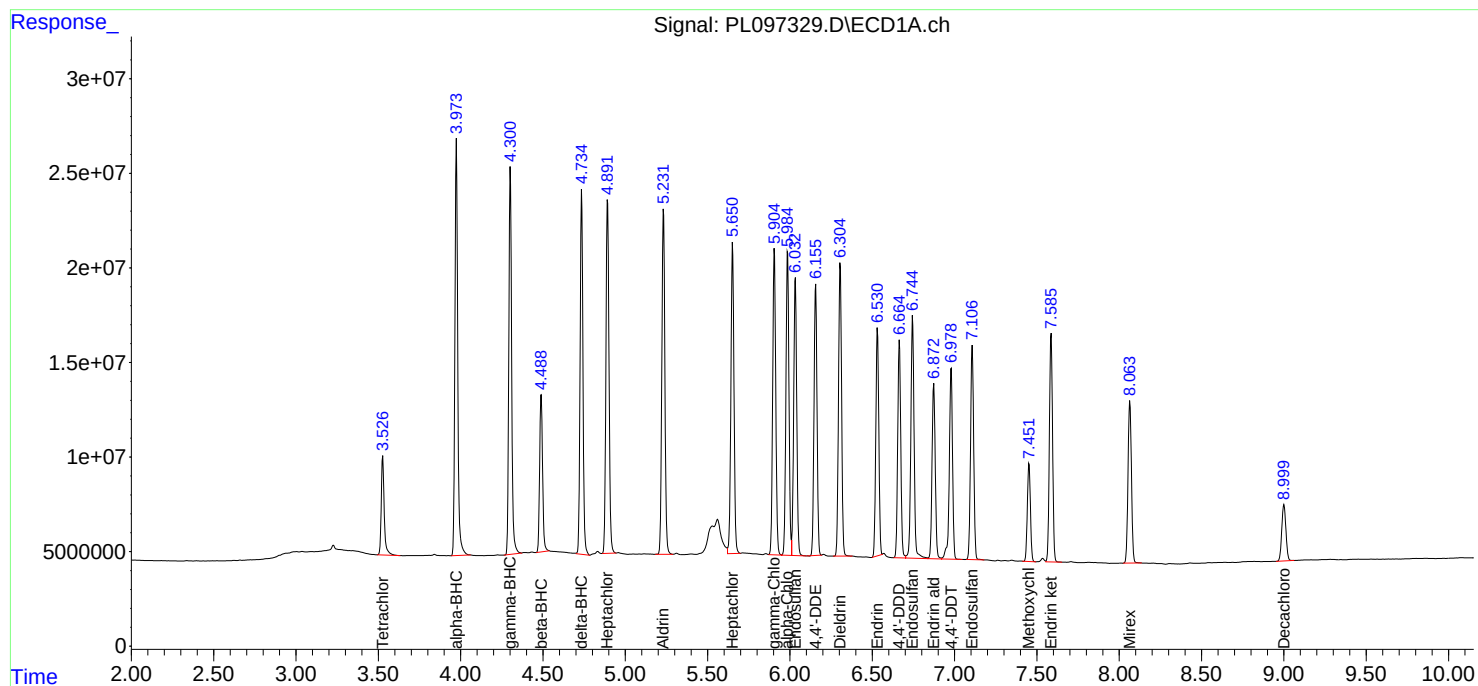
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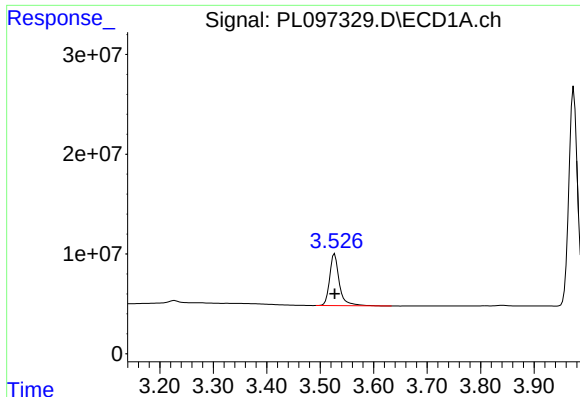
Reviewed By :Abdul Mirza 09/23/2025

Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:47:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





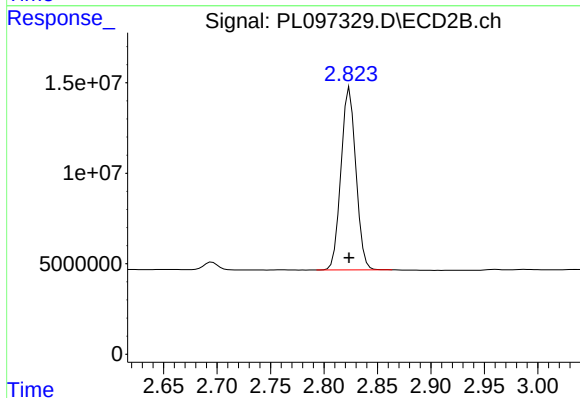
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 65626356
Conc: 14.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BS

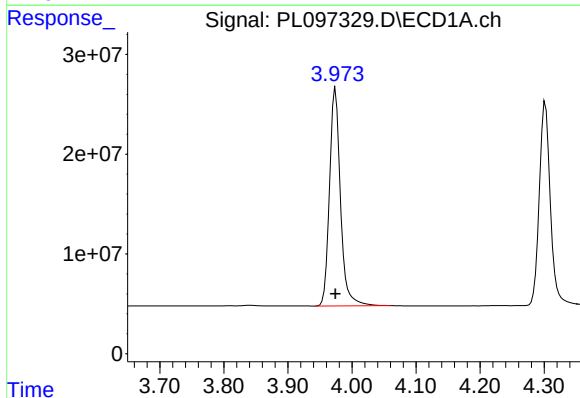
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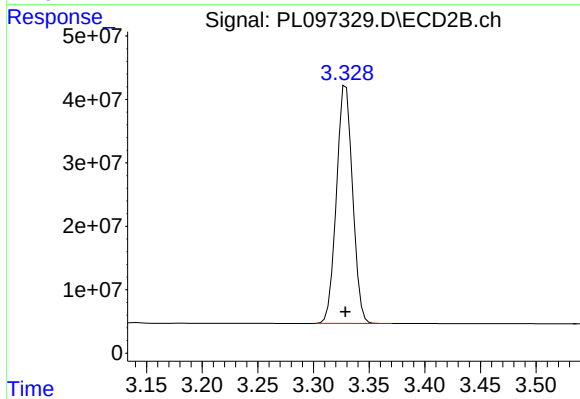
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 97844010
Conc: 14.88 ng/ml



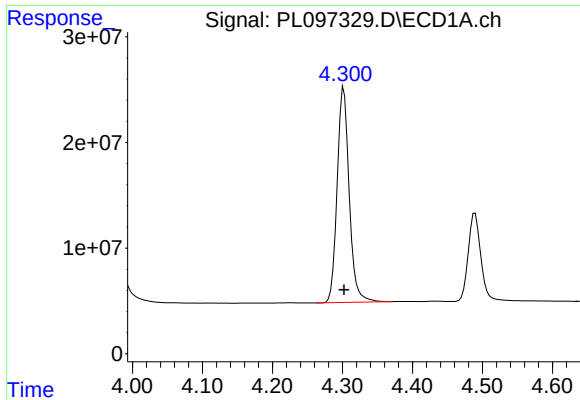
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 259698650
Conc: 37.17 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 378140853
Conc: 37.98 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 243295403
Conc: 36.79 ng/ml

Instrument :

ECD_L

ClientSampleId :

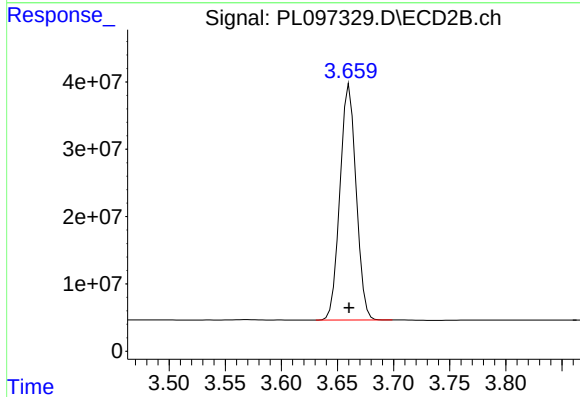
PB169766BS

Manual Integrations

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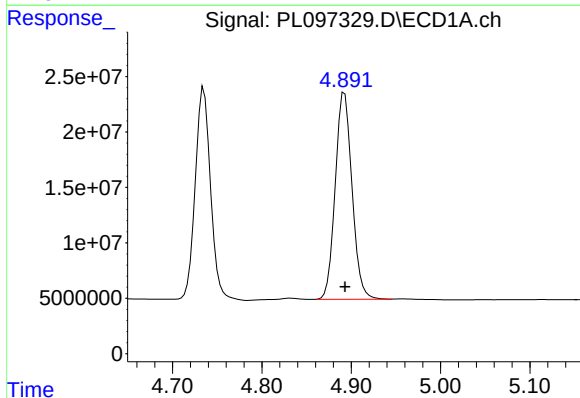
Reviewed By :Abdul Mirza 09/23/2025

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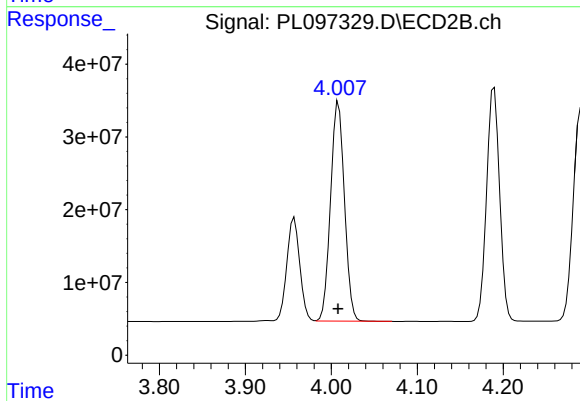
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 351645448
Conc: 37.75 ng/ml



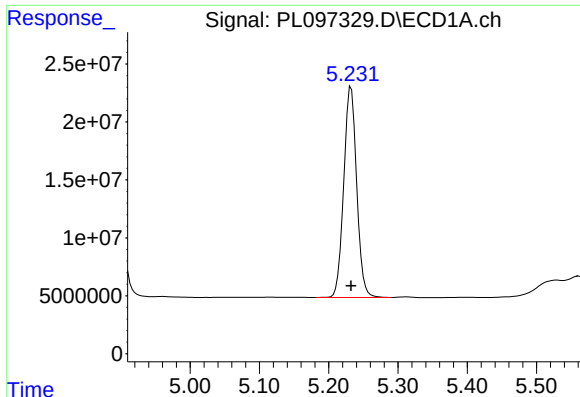
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 243282843
Conc: 36.47 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 337458912
Conc: 36.27 ng/ml



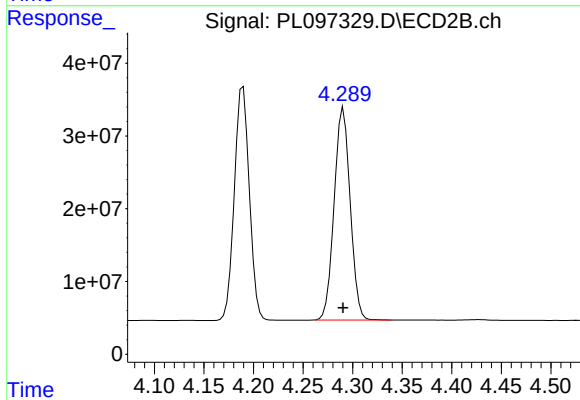
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 235495594
Conc: 37.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BS

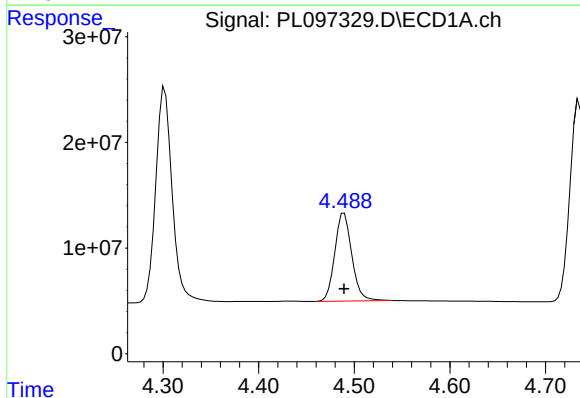
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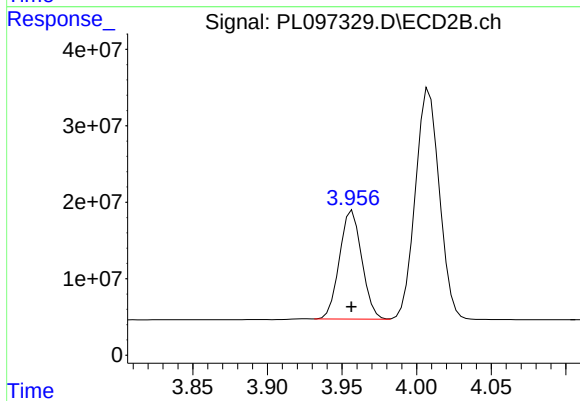
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 328841911
Conc: 37.89 ng/ml



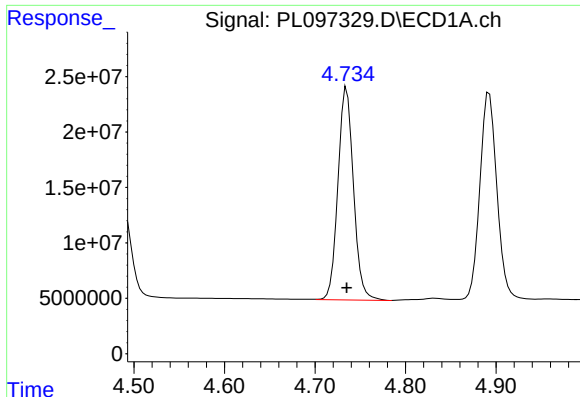
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 102753410
Conc: 37.69 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 148179197
Conc: 36.48 ng/ml



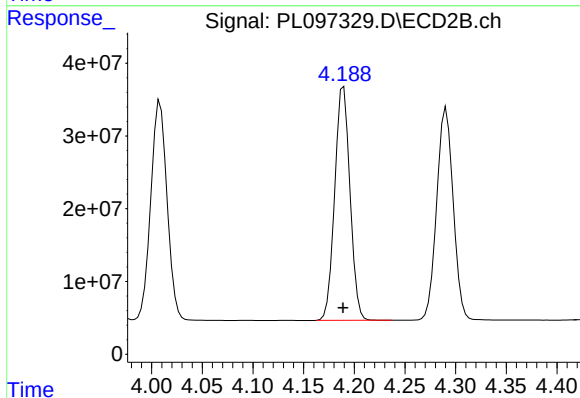
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 228445195
Conc: 37.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BS

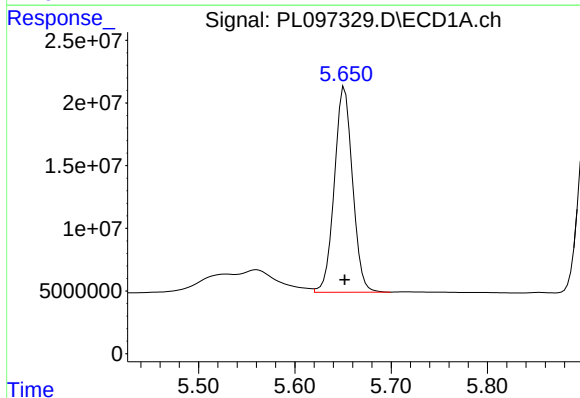
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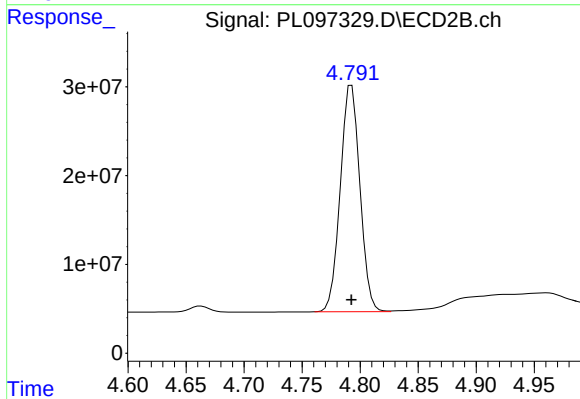
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 338179639
Conc: 36.79 ng/ml



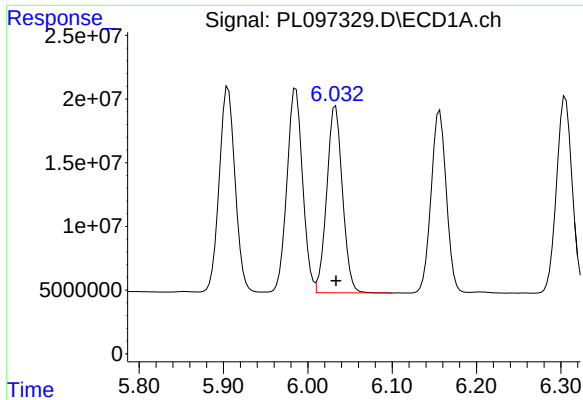
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 215105222
Conc: 37.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 300558569
Conc: 37.89 ng/ml



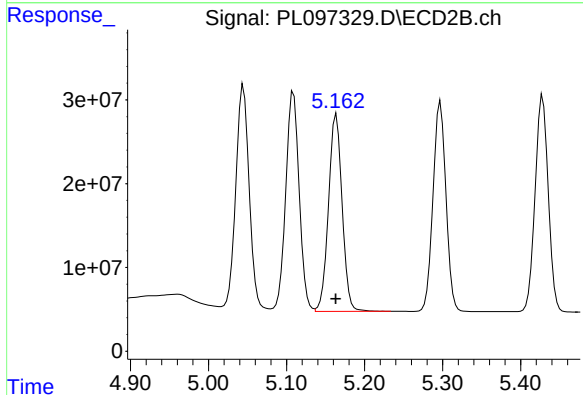
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 190024329
Conc: 36.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BS

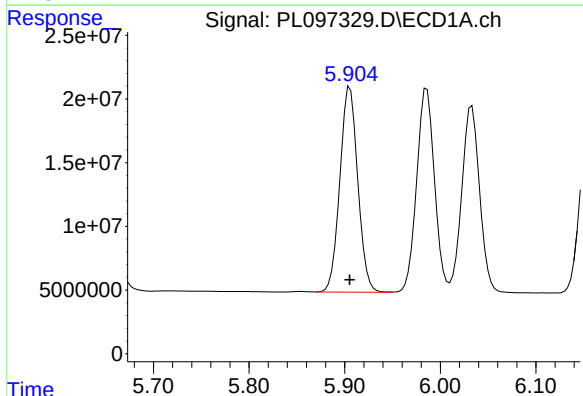
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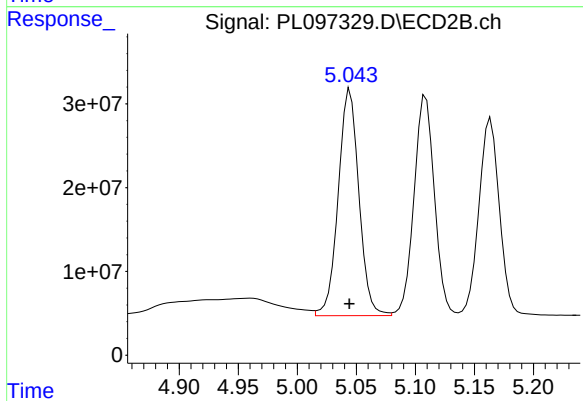
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 285277855
Conc: 37.13 ng/ml



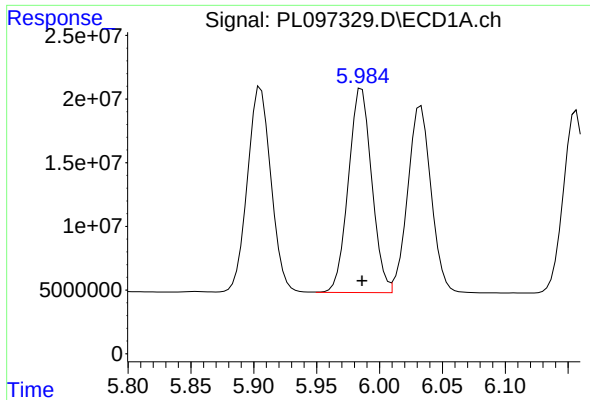
#10 gamma-Chlordane

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 210428234
Conc: 37.22 ng/ml



#10 gamma-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 330046365
Conc: 37.79 ng/ml



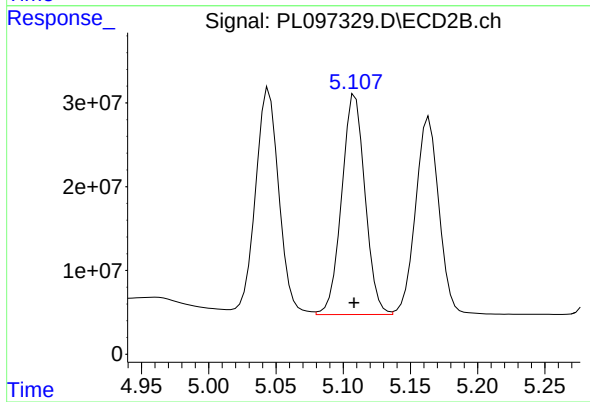
#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 207156042
Conc: 36.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BS

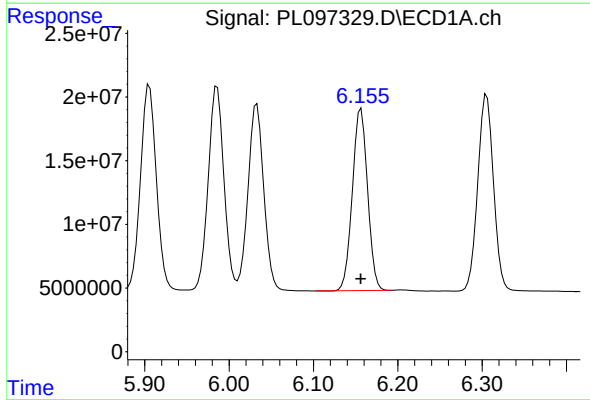
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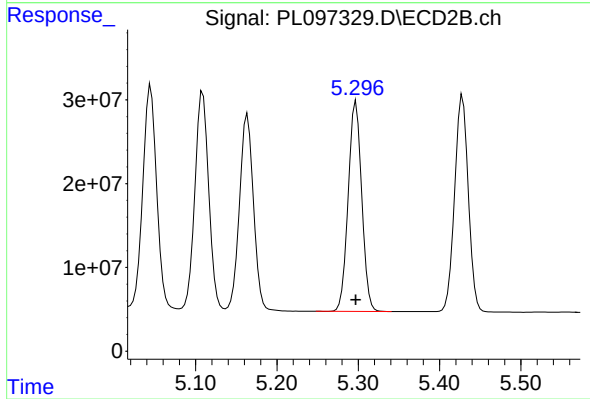
#11 alpha-Chlordane

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 316221493
Conc: 38.10 ng/ml



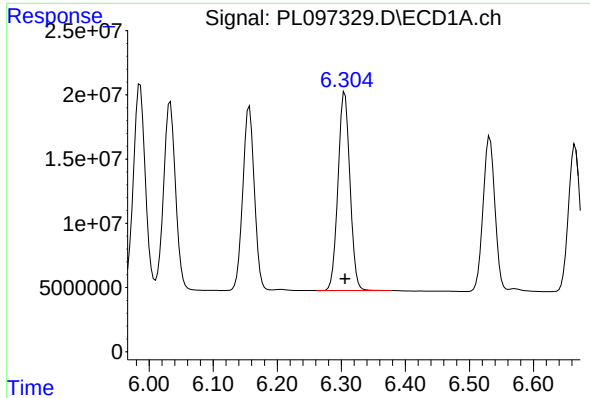
#12 4,4'-DDE

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 178701919
Conc: 37.51 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 288975431
Conc: 37.60 ng/ml



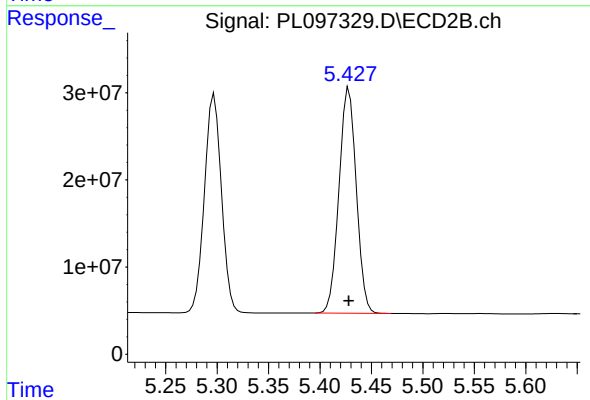
#13 Dieldrin

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 200310346
Conc: 36.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BS

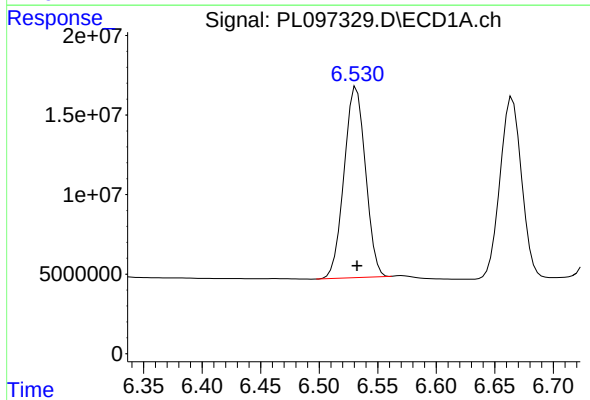
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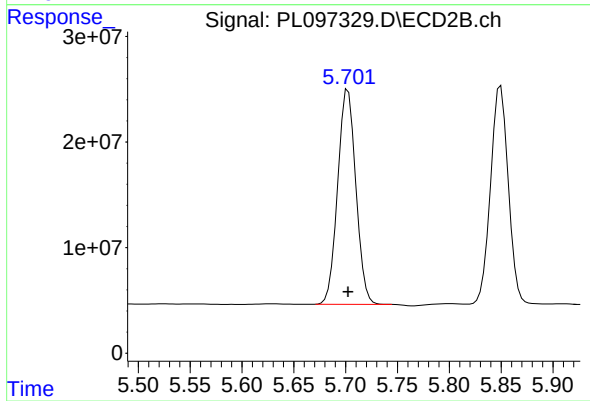
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 302996243
Conc: 37.06 ng/ml



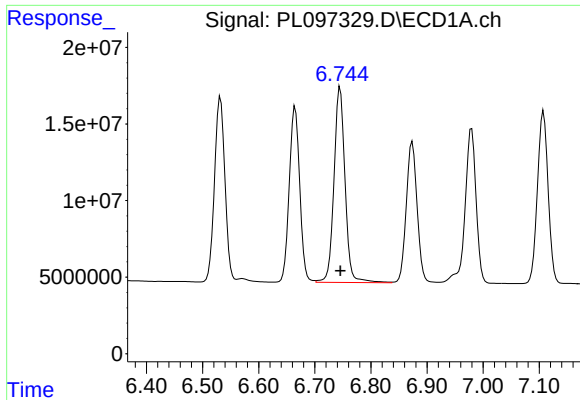
#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 152518756
Conc: 33.06 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 248526515
Conc: 33.09 ng/ml



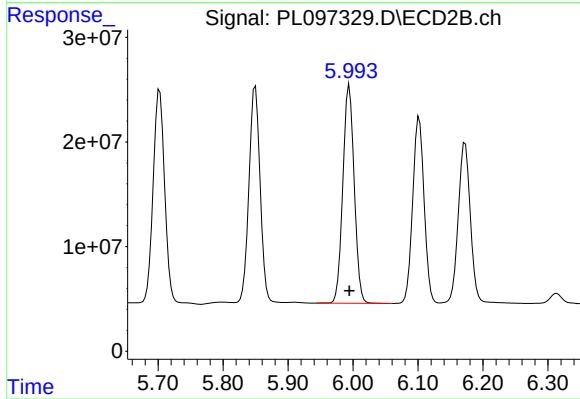
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 175545318
Conc: 35.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BS

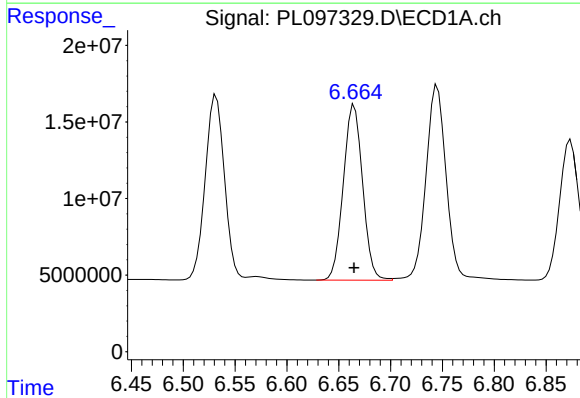
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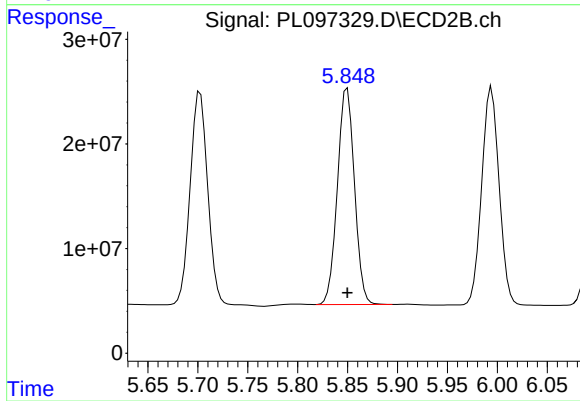
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 253219541
Conc: 35.62 ng/ml



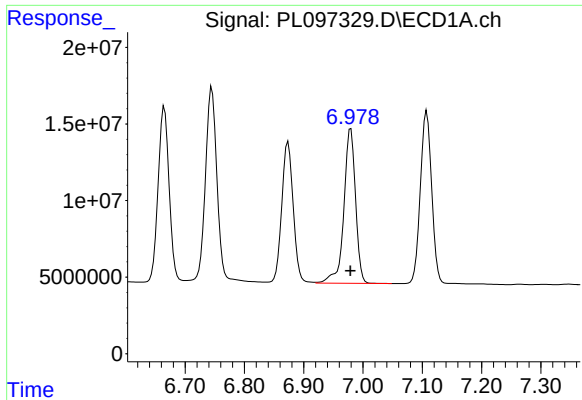
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 148356323
Conc: 39.35 ng/ml



#16 4,4'-DDD

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 245933970
Conc: 38.13 ng/ml



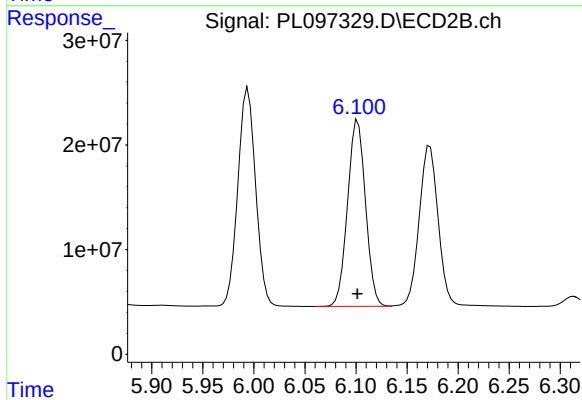
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 138550749
Conc: 32.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BS

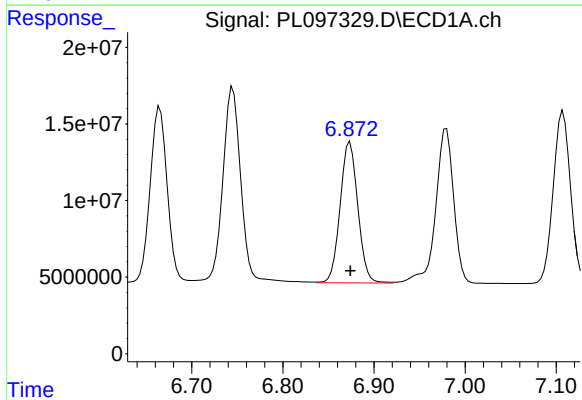
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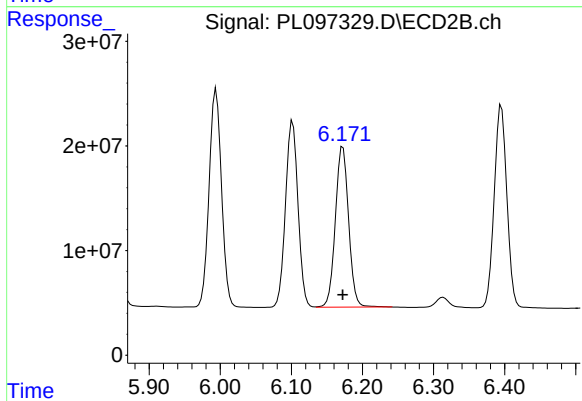
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 217997900
Conc: 31.50 ng/ml



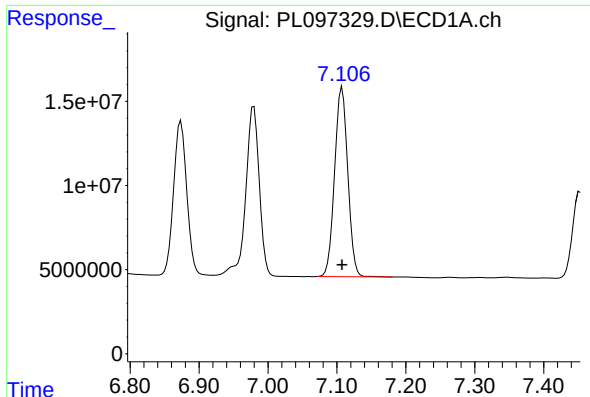
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 124150559
Conc: 40.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 198549518
Conc: 37.20 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 149267080
Conc: 36.56 ng/ml

Instrument :

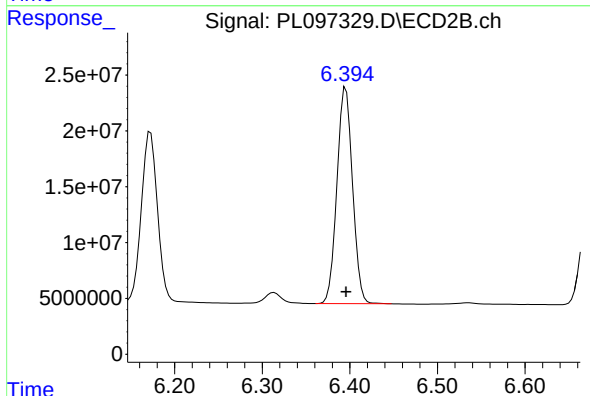
ECD_L

ClientSampleId :

PB169766BS

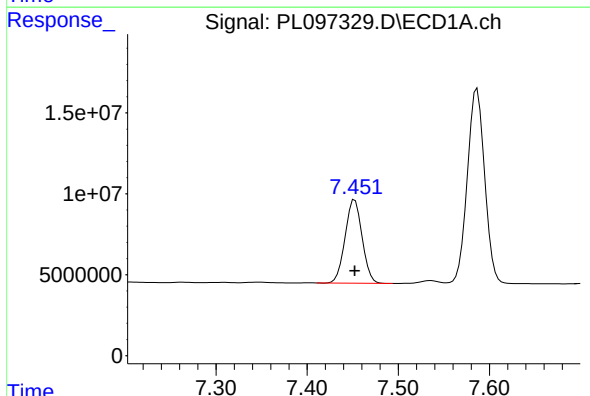
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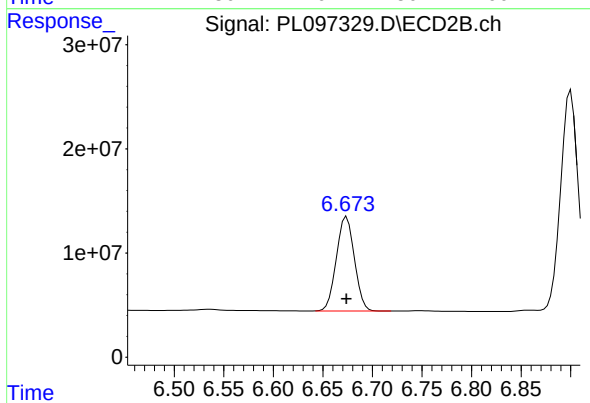
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 239999220
Conc: 35.04 ng/ml



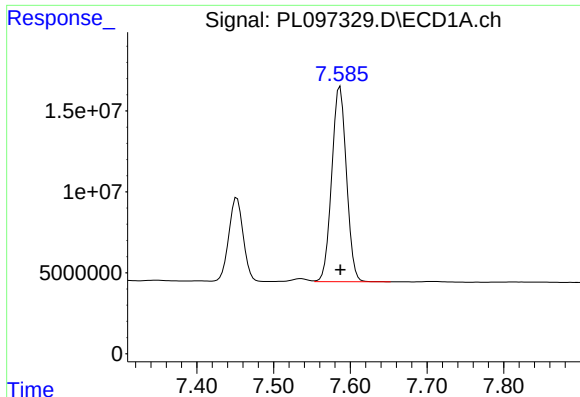
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 66938659
Conc: 32.10 ng/ml



#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 114668969
Conc: 30.42 ng/ml



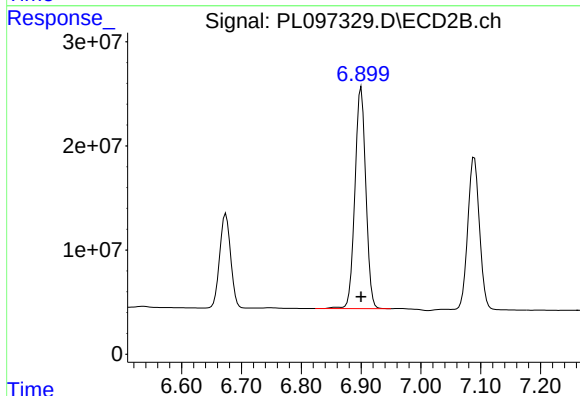
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 160557316
Conc: 37.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BS

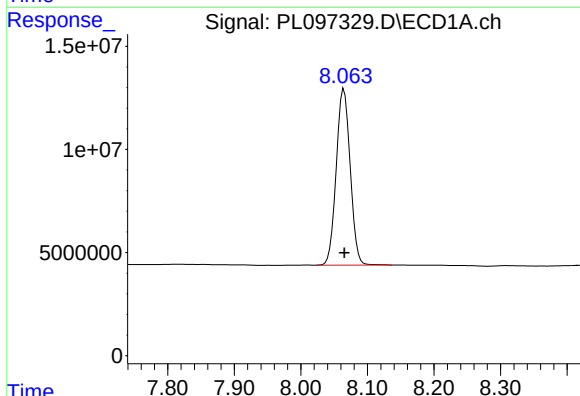
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Reviewed By :Abdul Mirza 09/23/2025
Supervised By :mohammad ahmed 09/24/2025



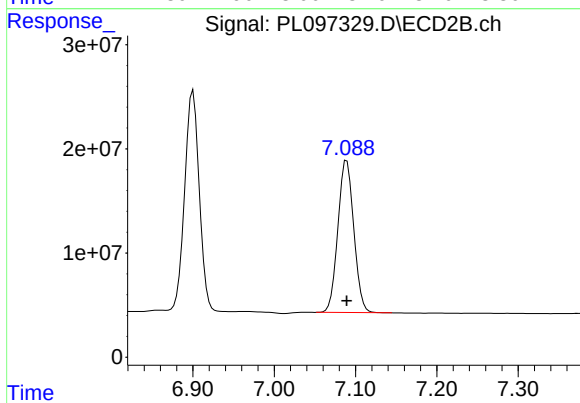
#21 Endrin ketone

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 268453691
Conc: 35.65 ng/ml



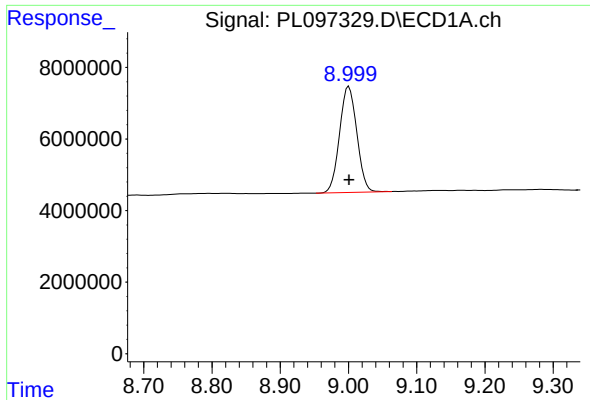
#22 Mirex

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 124648679
Conc: 35.11 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 198114229
Conc: 33.14 ng/ml



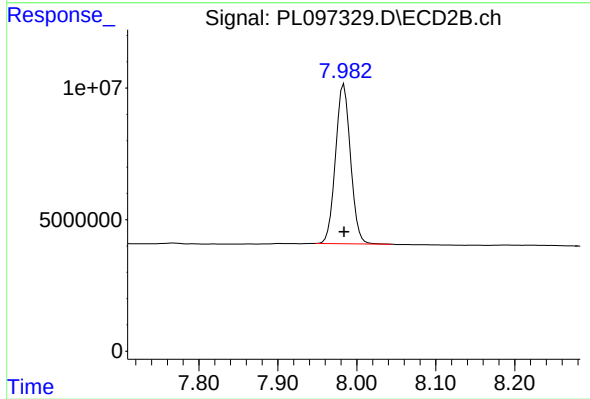
#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: 0.000 min
Response: 52069574
Conc: 15.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/23/2025
Supervised By :mohammad ahmed 09/24/2025



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 80037044
Conc: 14.06 ng/ml