

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
 Data File : PL097447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 15:49
 Operator : AR\AJ
 Sample : PB169857BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169857BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:23:02 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...	3.525	2.821	99690716	143.9E6	22.021	21.890
28)	SA Decachlor...	9.001	7.982	75268931	114.3E6	23.002	20.081
Target Compounds							
2)	A alpha-BHC	3.972	3.326	372.7E6	529.1E6	53.335	53.133
3)	MA gamma-BHC...	4.300	3.658	343.0E6	480.6E6	51.865	51.595
4)	MA Heptachlor	4.891	4.005	309.6E6	438.7E6	46.414	47.146
5)	MB Aldrin	5.231	4.288	319.3E6	452.0E6	50.413	52.074
6)	B beta-BHC	4.488	3.954	139.5E6	202.5E6	51.157	49.844
7)	B delta-BHC	4.732	4.186	320.0E6	471.7E6	52.735m	51.319
8)	B Heptachlo...	5.651	4.790	286.8E6	412.0E6	49.903	51.944
9)	A Endosulfan I	6.032	5.161	263.7E6	380.7E6	50.892	49.547
10)	B gamma-Chl...	5.905	5.042	294.0E6	431.1E6	52.000	49.355
11)	B alpha-Chl...	5.985	5.106	285.0E6	414.8E6	50.171	49.969
12)	B 4,4'-DDE	6.155	5.295	252.6E6	394.0E6	53.013	51.273
13)	MA Dieldrin	6.304	5.426	280.2E6	416.3E6	51.108	50.917
14)	MA Endrin	6.531	5.700	231.4E6	366.2E6	50.162	48.754
15)	B Endosulfa...	6.745	5.992	236.0E6	347.3E6	47.986	48.852
16)	A 4,4'-DDD	6.665	5.846	204.1E6	324.8E6	54.139	50.368m
17)	MA 4,4'-DDT	6.979	6.100	173.0E6	267.2E6	40.925	38.606
18)	B Endrin al...	6.873	6.170	169.8E6	251.3E6	55.092	47.088
19)	B Endosulfa...	7.108	6.394	209.1E6	323.7E6	51.218	47.263
20)	A Methoxychlor	7.452	6.673	82579597	135.9E6	39.599	36.061
21)	B Endrin ke...	7.587	6.898	222.1E6	346.6E6	52.338	46.033
22)	Mirex	8.065	7.088	153.6E6	251.3E6	43.267	42.039

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
Data File : PL097447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 15:49
Operator : AR\AJ
Sample : PB169857BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

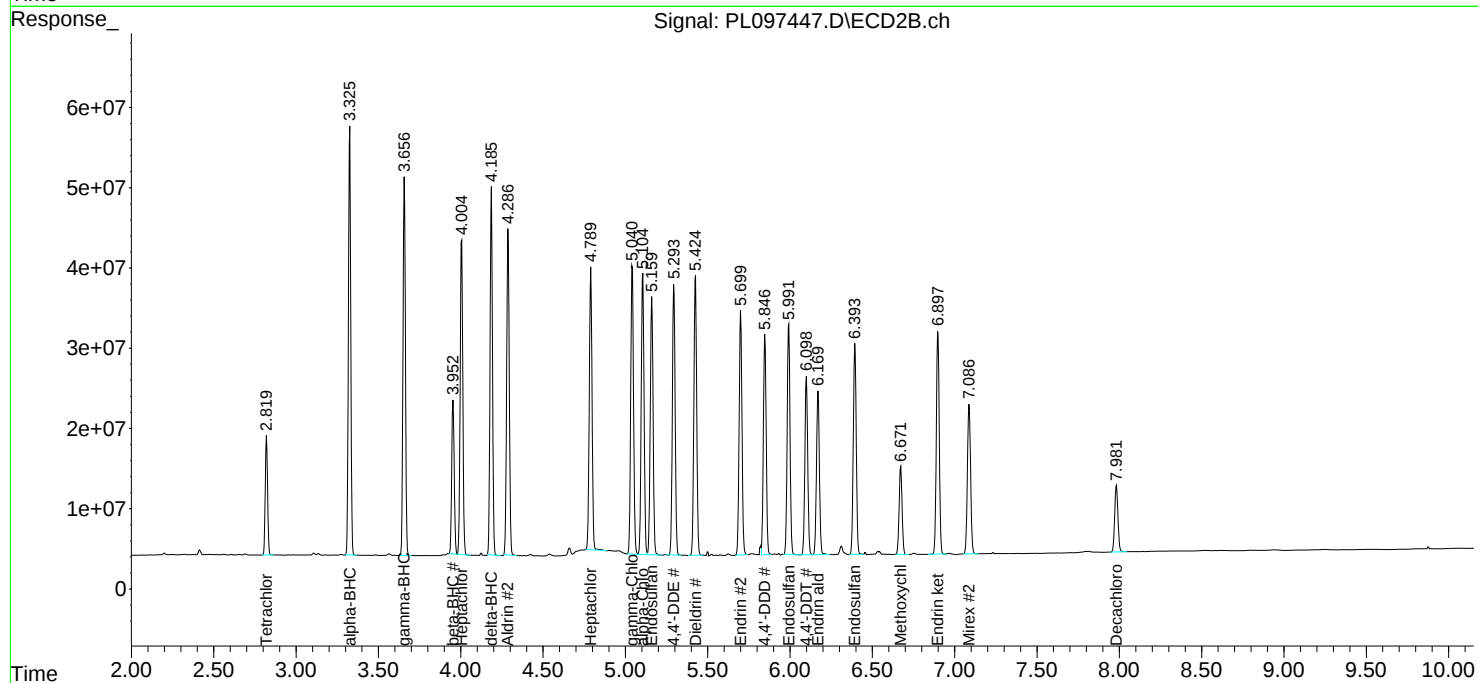
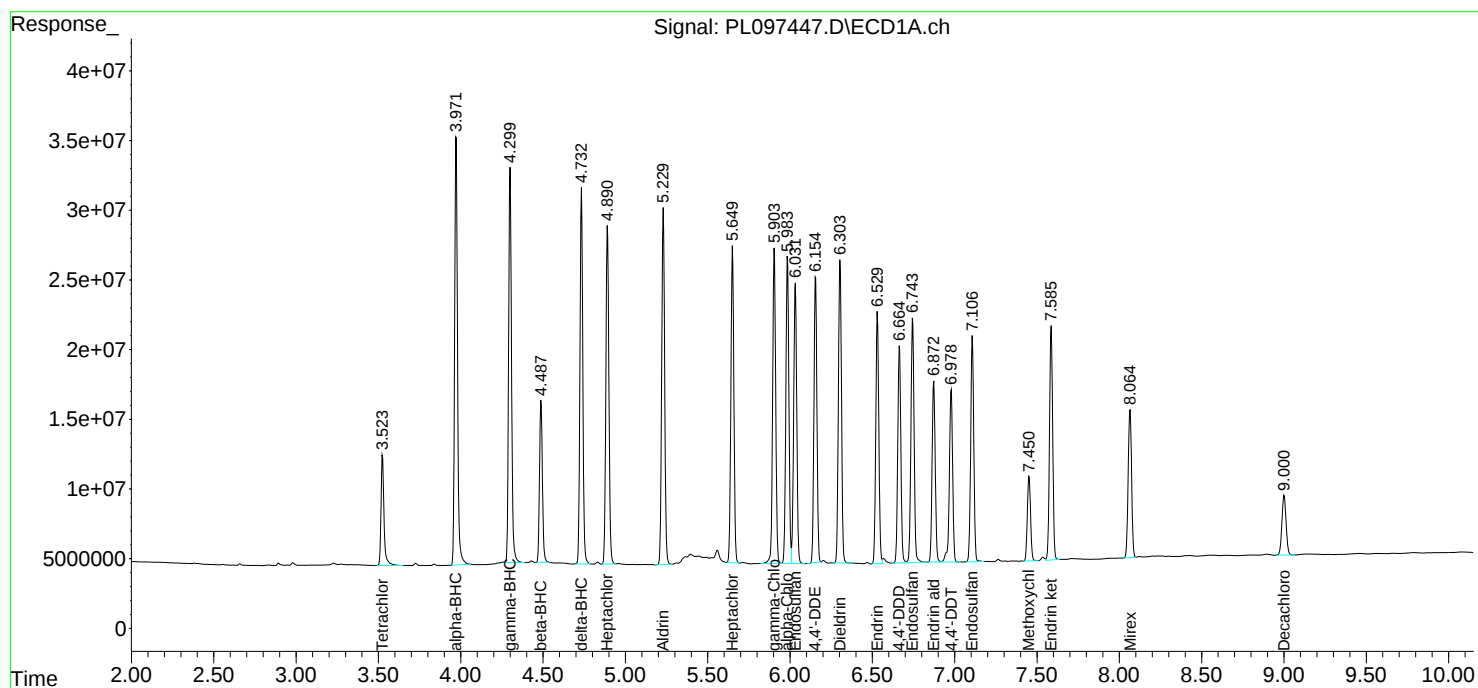
Instrument :
ECD_L
ClientSampleId :
PB169857BS

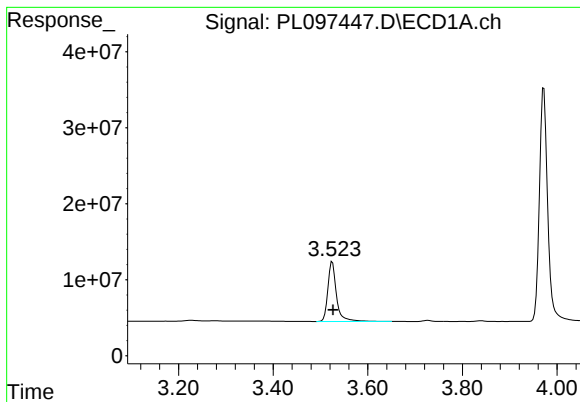
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Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:23:02 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
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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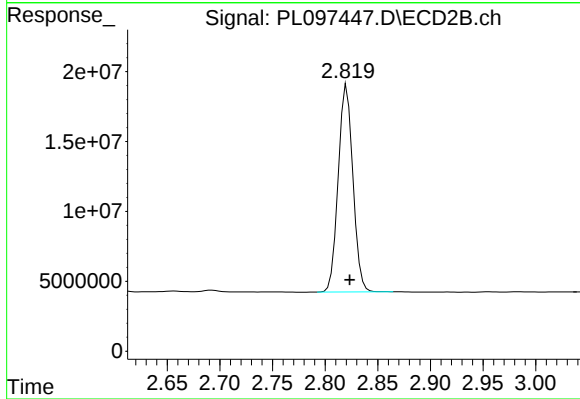
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 99690716
Conc: 22.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169857BS

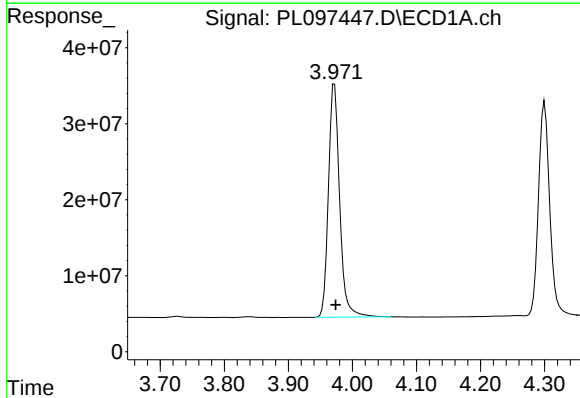
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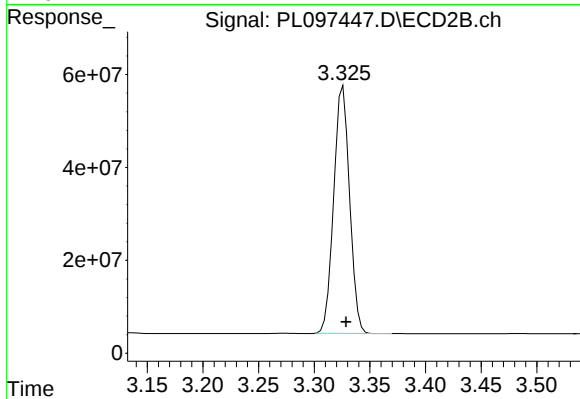
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.003 min
Response: 143936800
Conc: 21.89 ng/ml



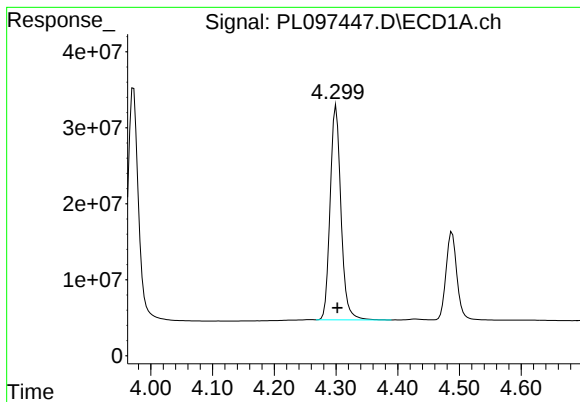
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 372674169
Conc: 53.33 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: -0.003 min
Response: 529075046
Conc: 53.13 ng/ml



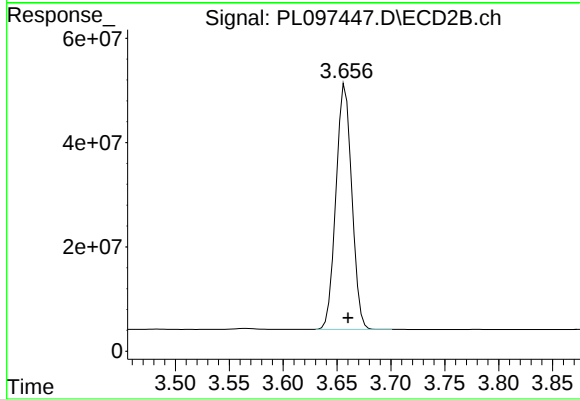
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 342988032
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169857BS

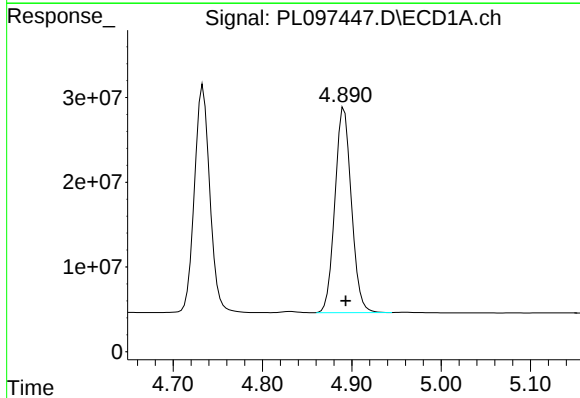
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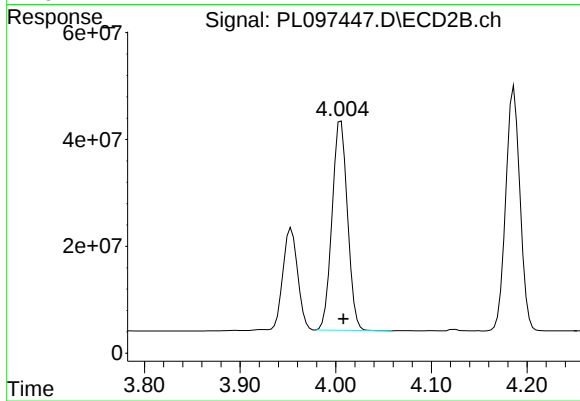
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.003 min
Response: 480591363
Conc: 51.60 ng/ml



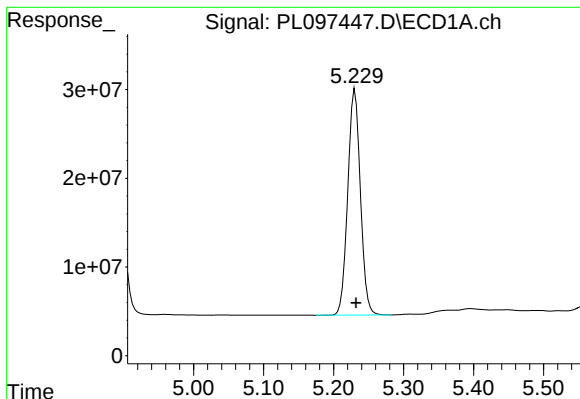
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 309582810
Conc: 46.41 ng/ml



#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 438700918
Conc: 47.15 ng/ml



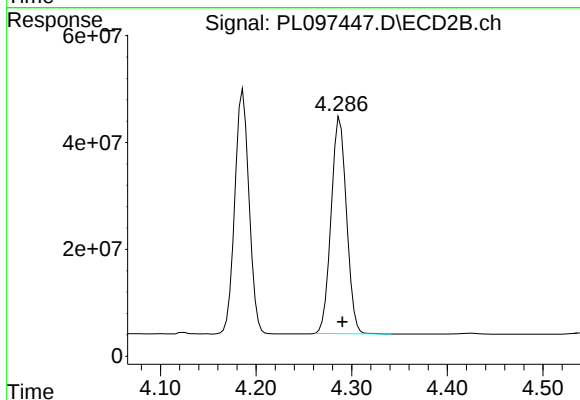
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 319310297
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169857BS

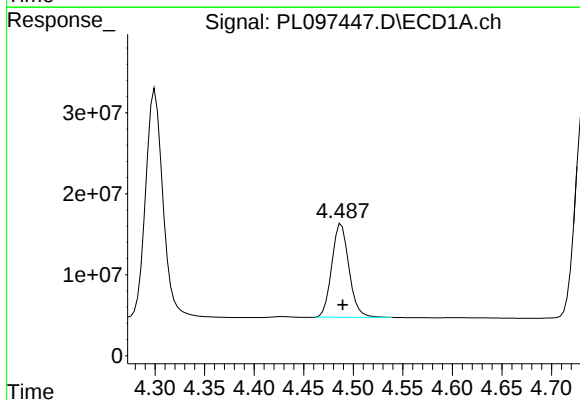
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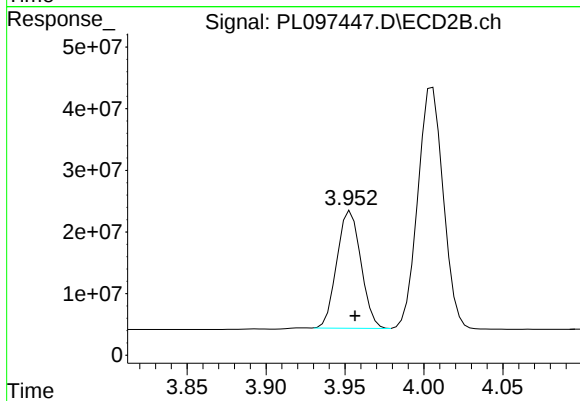
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 451967612
Conc: 52.07 ng/ml



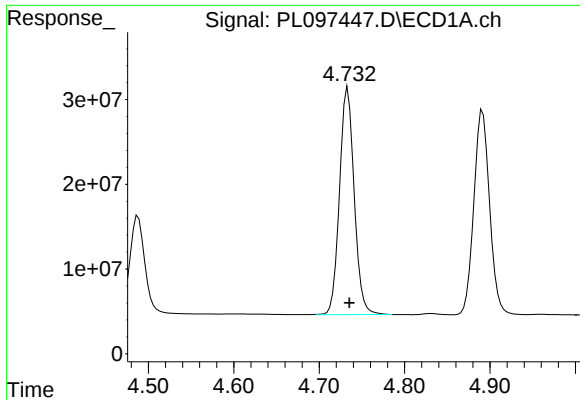
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 139464328
Conc: 51.16 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.003 min
Response: 202468251
Conc: 49.84 ng/ml



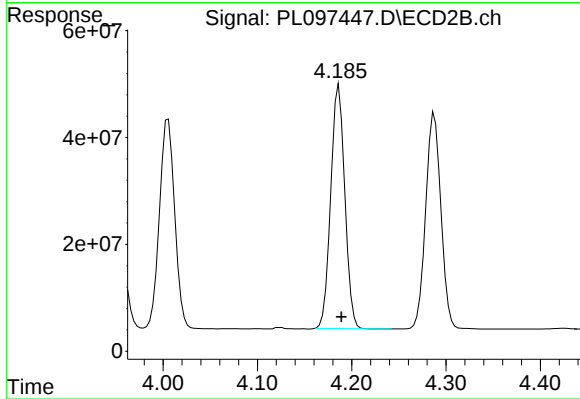
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 320016395
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169857BS

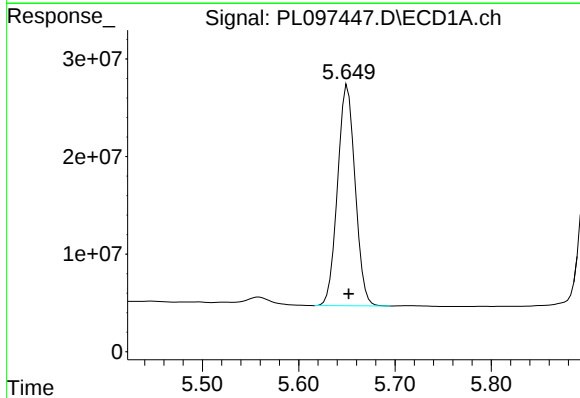
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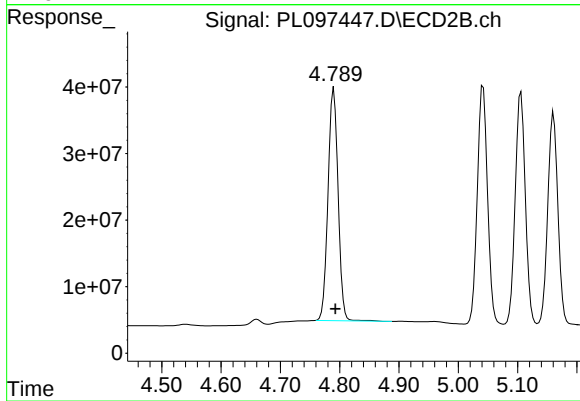
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: -0.003 min
Response: 471737963
Conc: 51.32 ng/ml



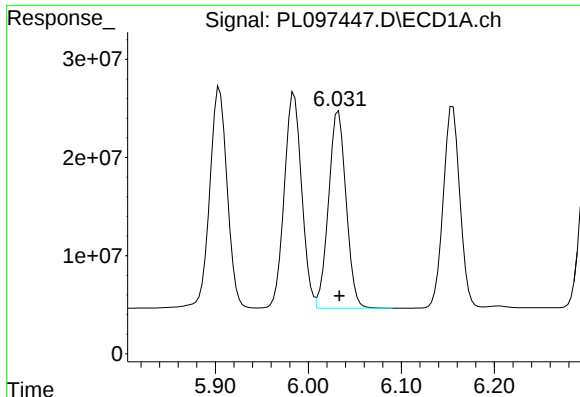
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: -0.001 min
Response: 286789446
Conc: 49.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 411995612
Conc: 51.94 ng/ml



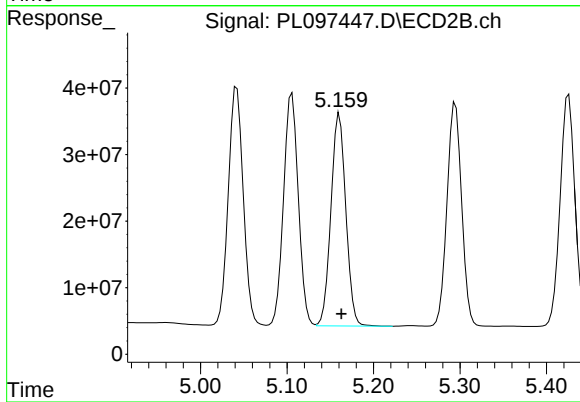
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 263687472
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169857BS

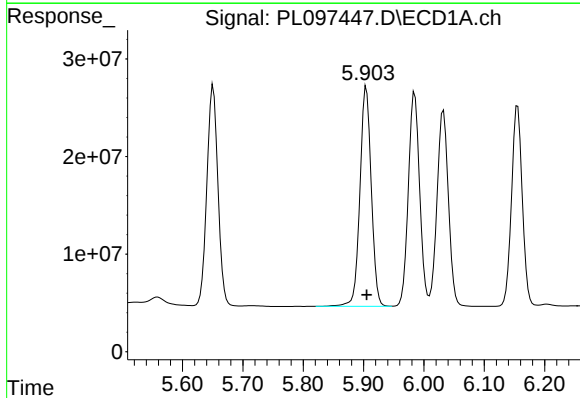
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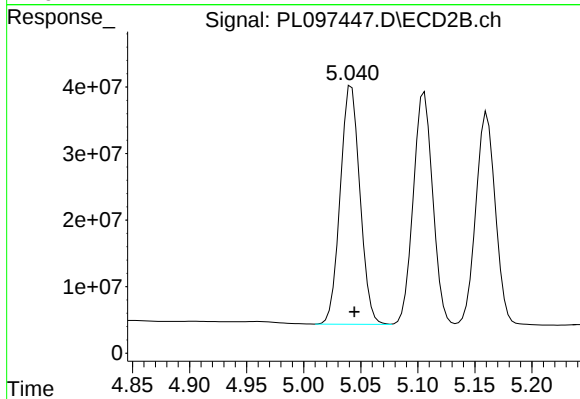
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 380700442
Conc: 49.55 ng/ml



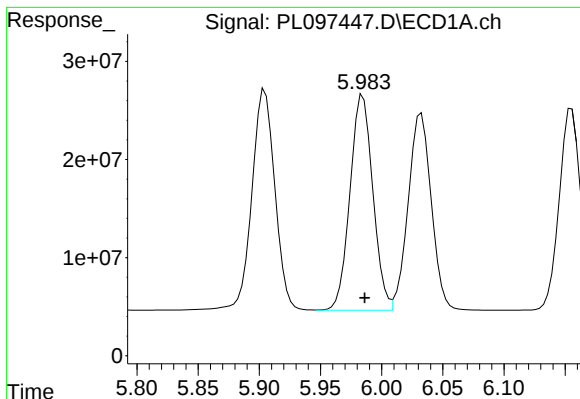
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 293981070
Conc: 52.00 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 431058860
Conc: 49.35 ng/ml



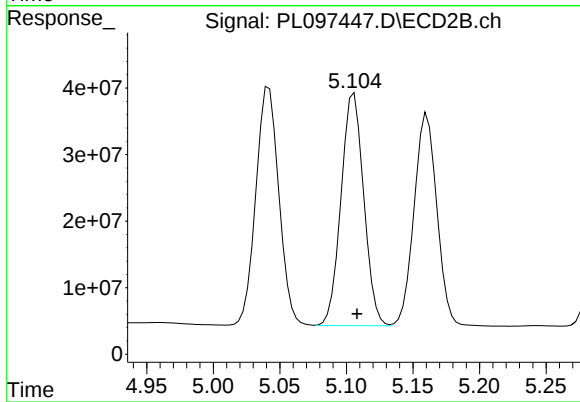
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.001 min
Response: 284964265
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169857BS

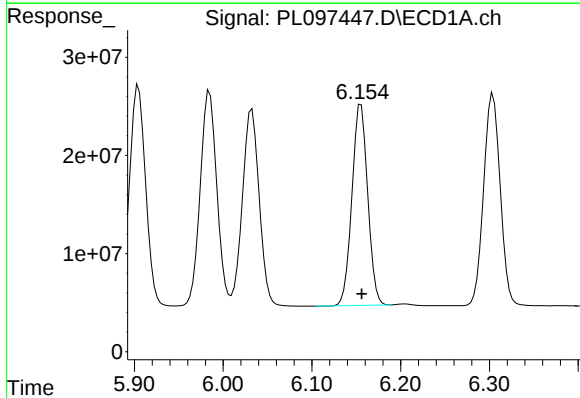
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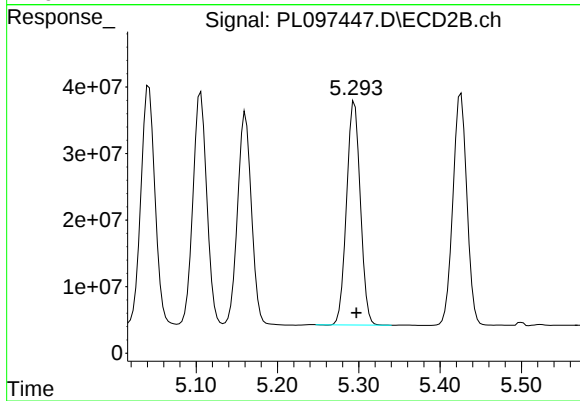
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 414768461
Conc: 49.97 ng/ml



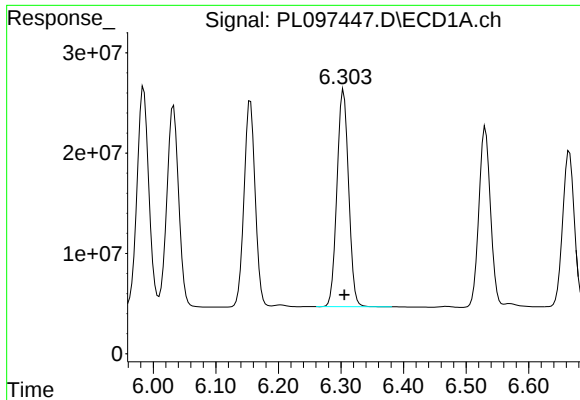
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 252591903
Conc: 53.01 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 394017147
Conc: 51.27 ng/ml



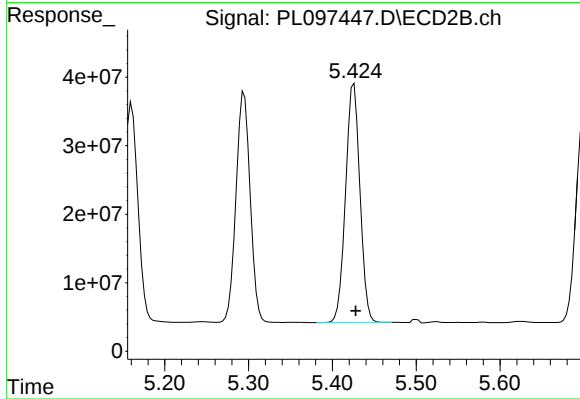
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.001 min
Response: 280180443
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169857BS

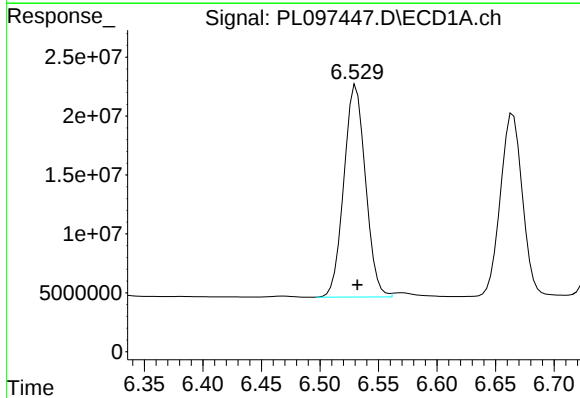
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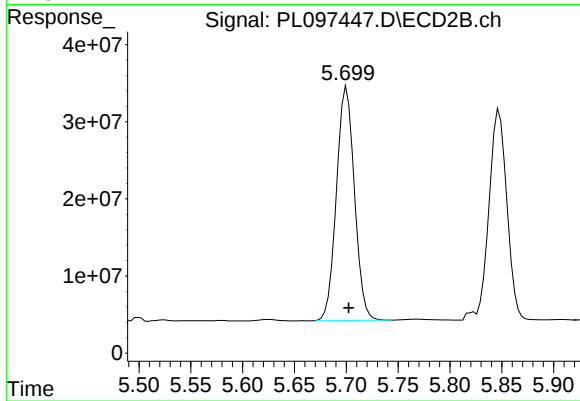
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 416336022
Conc: 50.92 ng/ml



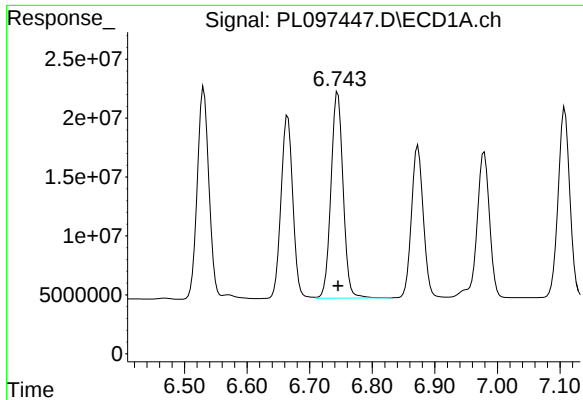
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.001 min
Response: 231404374
Conc: 50.16 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 366167414
Conc: 48.75 ng/ml



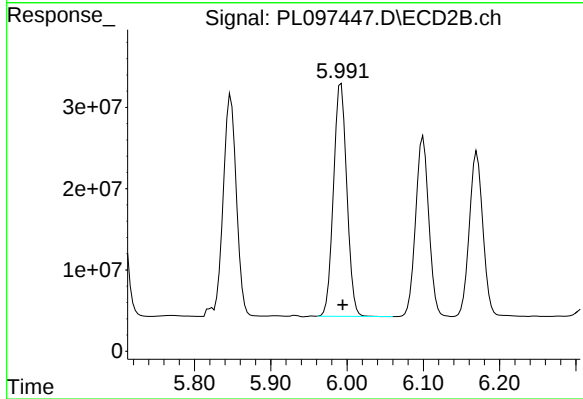
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 236013707
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169857BS

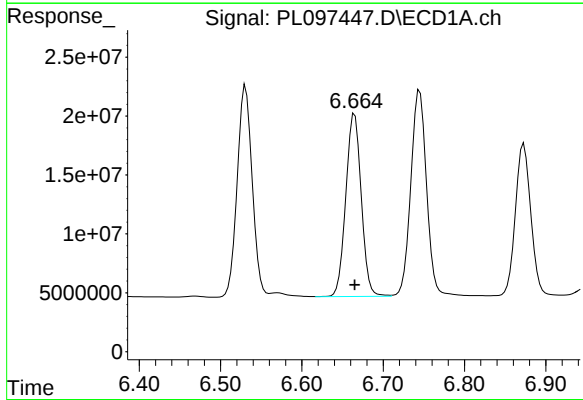
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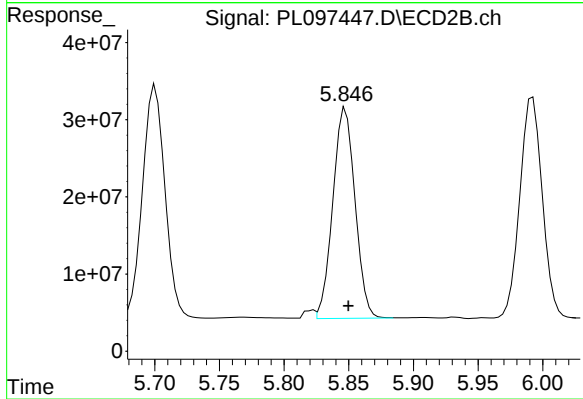
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 347300408
Conc: 48.85 ng/ml



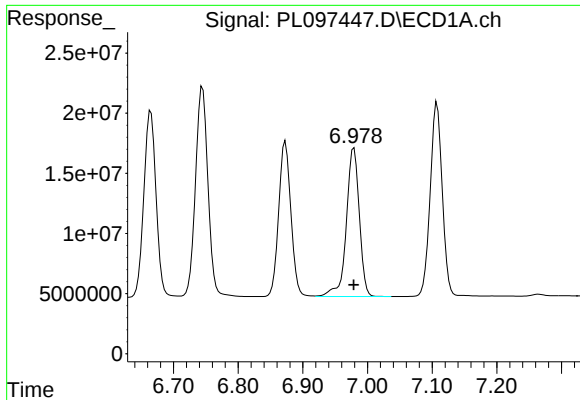
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 204133013
Conc: 54.14 ng/ml



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 324827112
Conc: 50.37 ng/ml m



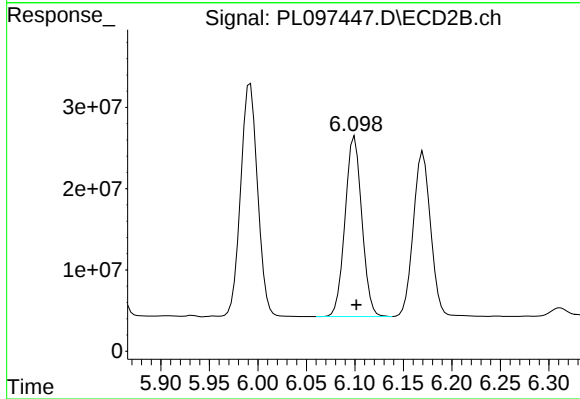
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 172996965
Conc: 40.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169857BS

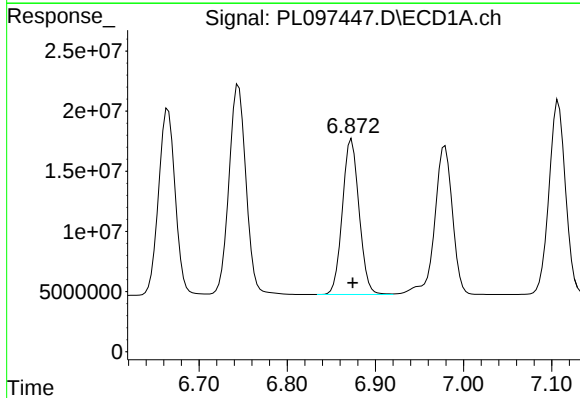
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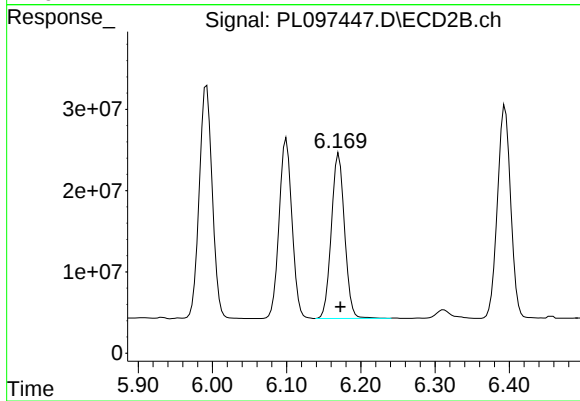
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 267170156
Conc: 38.61 ng/ml



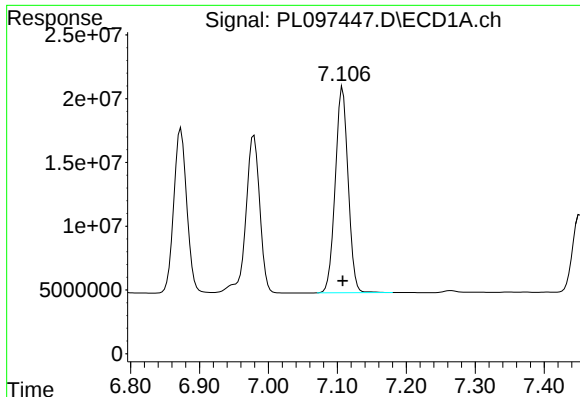
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.001 min
Response: 169836759
Conc: 55.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 251327960
Conc: 47.09 ng/ml



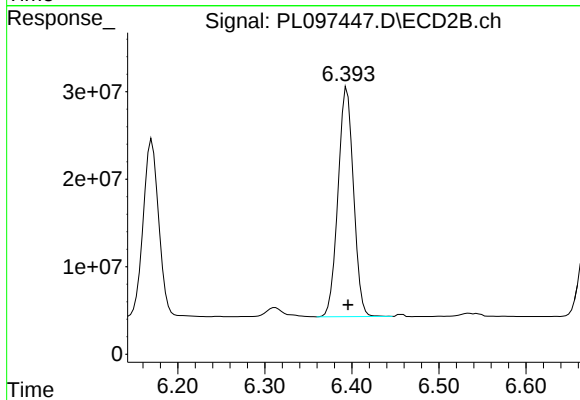
#19 Endosulfan Sulfate

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 209108359
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169857BS

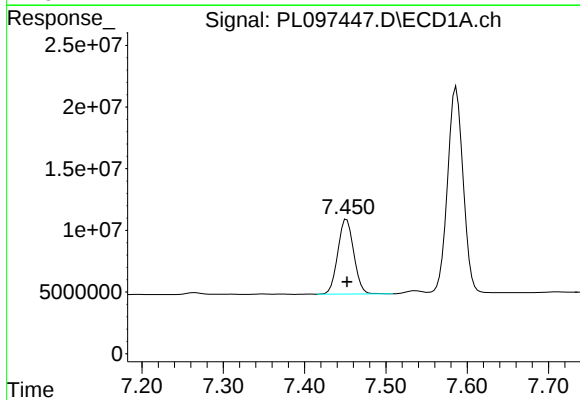
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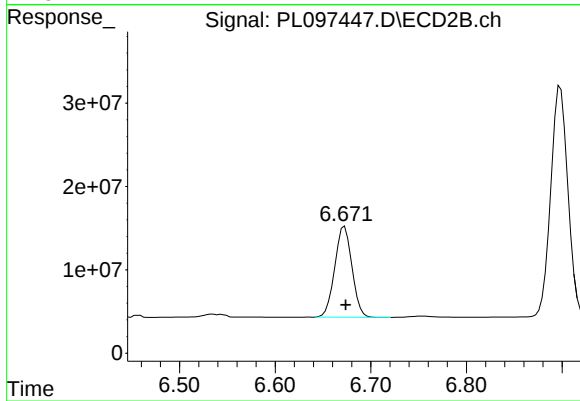
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 323744066
Conc: 47.26 ng/ml



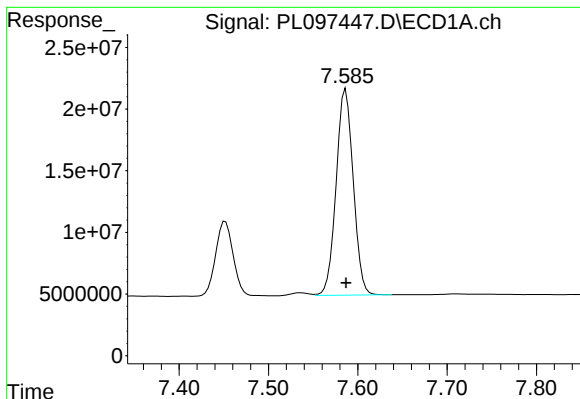
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 82579597
Conc: 39.60 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 135932124
Conc: 36.06 ng/ml



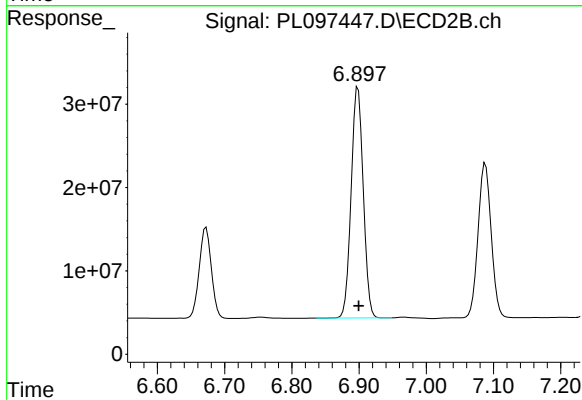
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 222140985
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169857BS

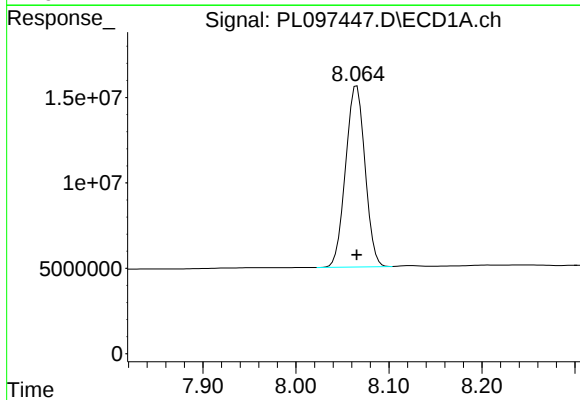
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



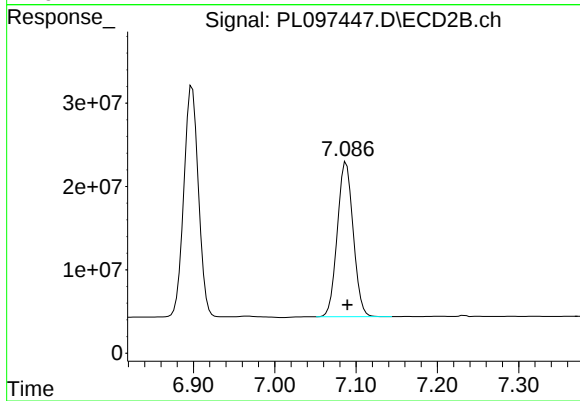
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.001 min
Response: 346642845
Conc: 46.03 ng/ml



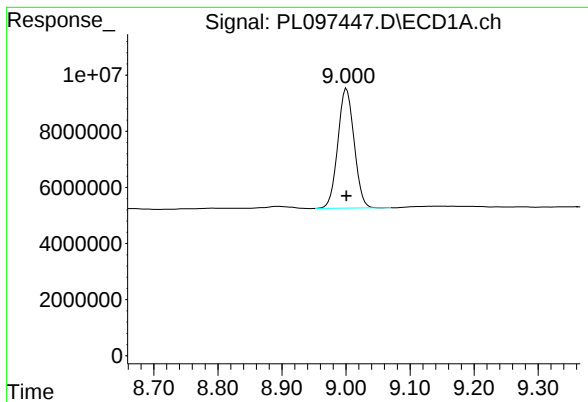
#22 Mirex

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 153609126
Conc: 43.27 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 251338391
Conc: 42.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: 0.000 min
Response: 75268931
Conc: 23.00 ng/ml

Instrument :

ECD_L

ClientSampleId :

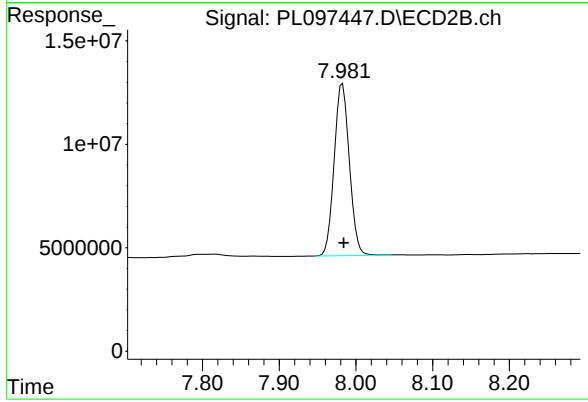
PB169857BS

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#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 114293623
Conc: 20.08 ng/ml