

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092925\
 Data File : PL097408.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 15:54
 Operator : AR\AJ
 Sample : PB169826BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169826BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/30/2025
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:29:32 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...	3.524	2.819	95299903	144.6E6	21.051	21.989
28)	SA Decachlor...	9.000	7.981	76127040	118.4E6	23.265	20.795
Target Compounds							
2)	A alpha-BHC	3.972	3.323	313.6E6	460.9E6	44.881	46.287m
3)	MA gamma-BHC...	4.300	3.656	290.2E6	427.7E6	43.875	45.915
4)	MA Heptachlor	4.891	4.004	294.7E6	420.4E6	44.186	45.178
5)	MB Aldrin	5.229	4.284	271.4E6	393.3E6	42.854m	45.318m
6)	B beta-BHC	4.487	3.952	121.6E6	175.4E6	44.592	43.171
7)	B delta-BHC	4.732	4.185	279.9E6	414.3E6	46.123m	45.070
8)	B Heptachlo...	5.651	4.788	253.6E6	364.5E6	44.134	45.960
9)	A Endosulfan I	6.032	5.159	229.7E6	330.1E6	44.333	42.957
10)	B gamma-Chl...	5.904	5.041	253.4E6	376.9E6	44.829	43.153
11)	B alpha-Chl...	5.985	5.105	250.3E6	368.0E6	44.059	44.331
12)	B 4,4'-DDE	6.155	5.293	217.6E6	345.7E6	45.671	44.983
13)	MA Dieldrin	6.304	5.424	240.8E6	374.5E6	43.928	45.800
14)	MA Endrin	6.531	5.699	205.2E6	362.7E6	44.478	48.287
15)	B Endosulfa...	6.745	5.991	206.2E6	320.0E6	41.923	45.018
16)	A 4,4'-DDD	6.665	5.846	179.1E6	286.4E6	47.505	44.406
17)	MA 4,4'-DDT	6.978	6.098	188.6E6	303.7E6	44.610	43.888
18)	B Endrin al...	6.873	6.169	146.2E6	227.3E6	47.419	42.587
19)	B Endosulfa...	7.107	6.393	184.0E6	292.5E6	45.079	42.709
20)	A Methoxychlor	7.452	6.671	93425780	156.3E6	44.800	41.453
21)	B Endrin ke...	7.587	6.897	195.3E6	361.5E6	46.014	48.008
22)	Mirex	8.064	7.086	141.3E6	223.5E6	39.810	37.382

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092925\
Data File : PL097408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 15:54
Operator : AR\AJ
Sample : PB169826BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

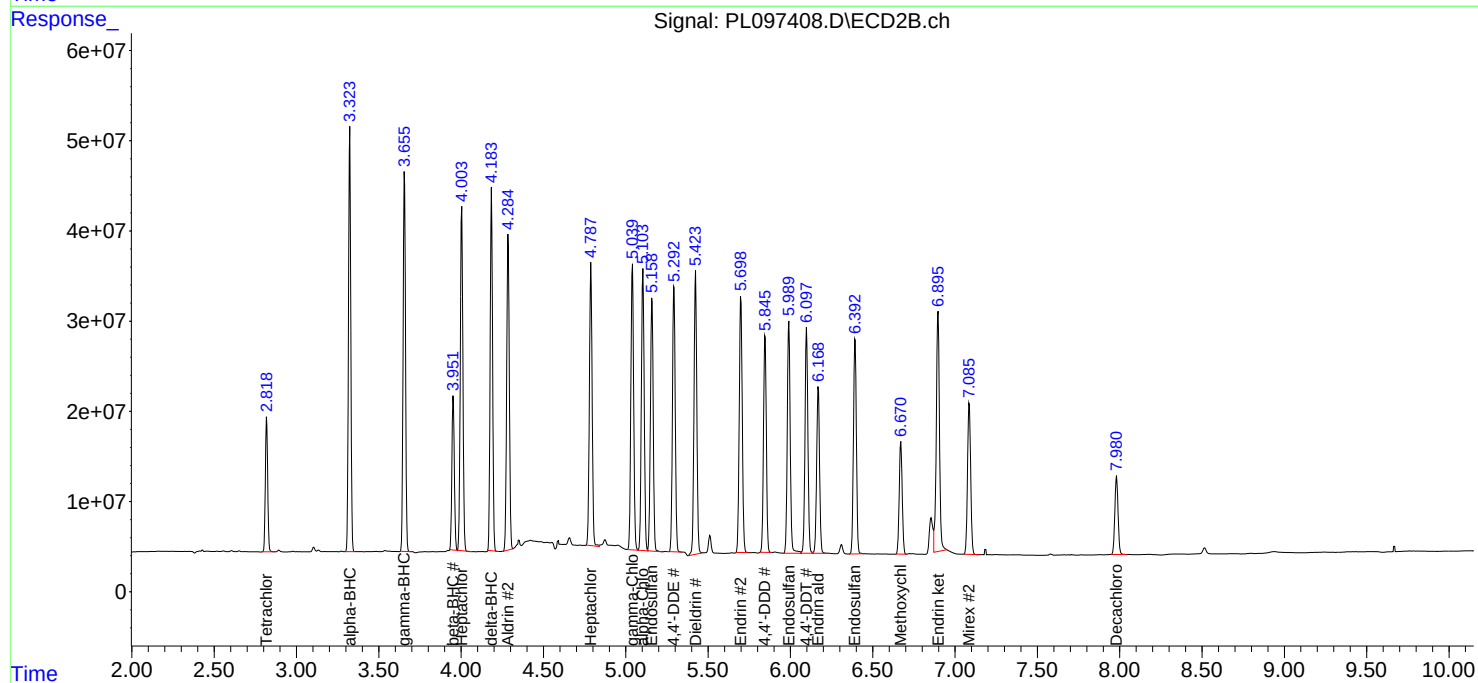
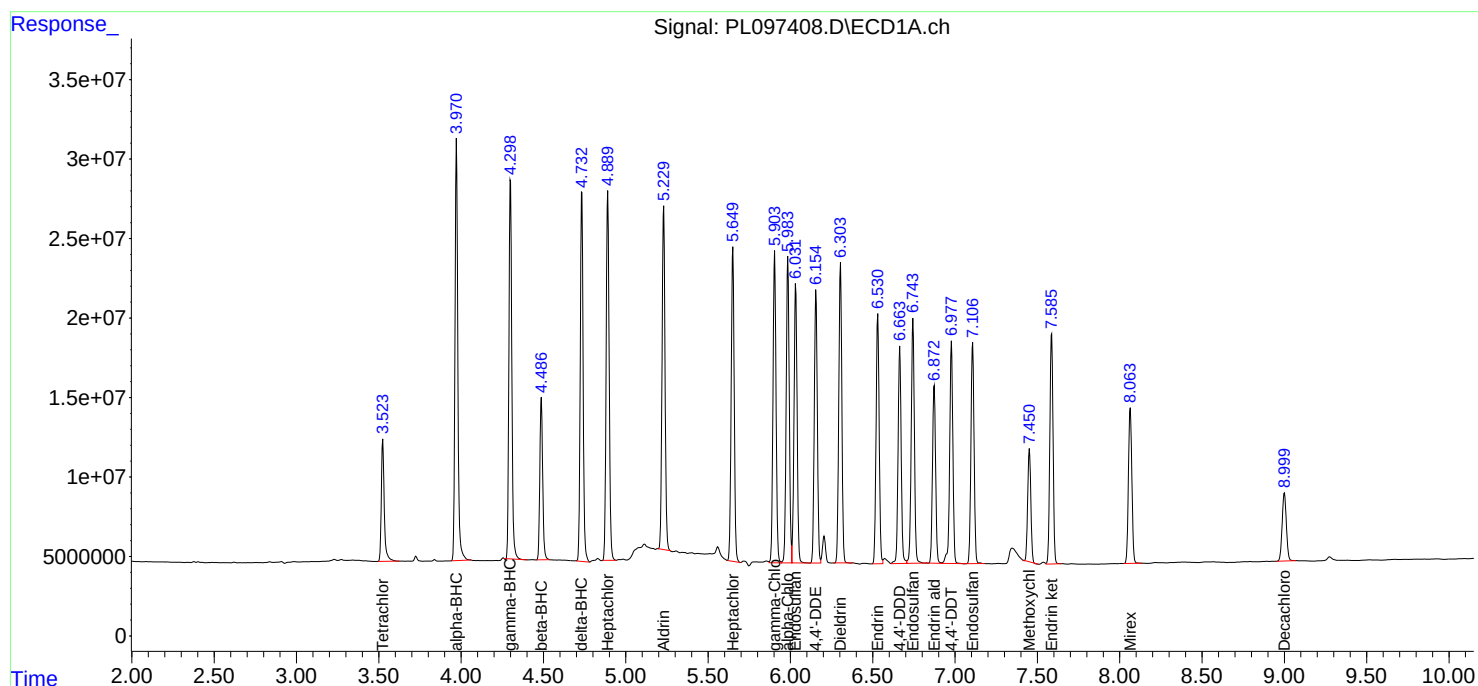
Instrument :
ECD_L
ClientSampleId :
PB169826BS

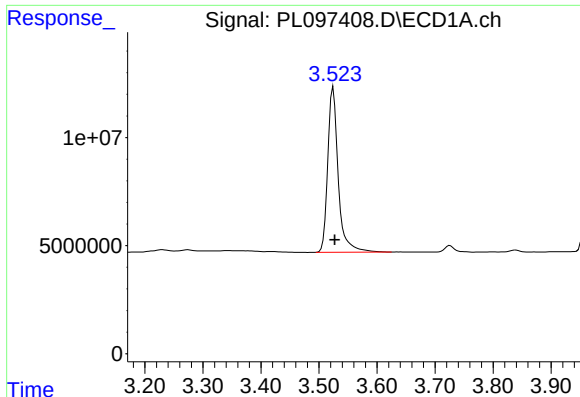
Manual Integrations
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Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:29:32 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





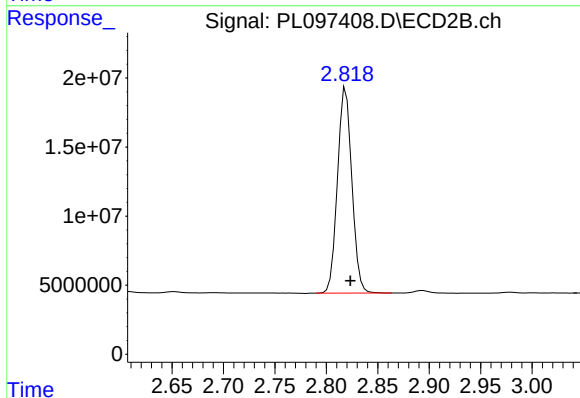
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 95299903
Conc: 21.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169826BS

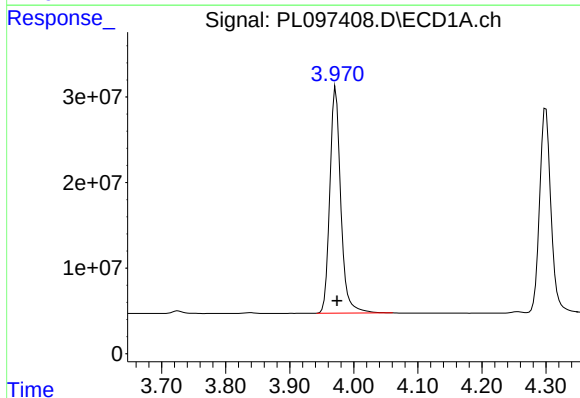
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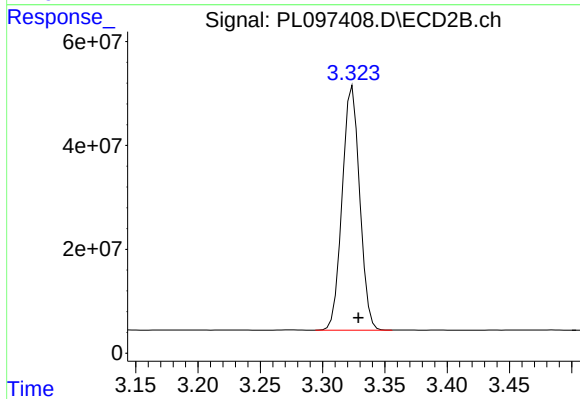
#1 Tetrachloro-m-xylene

R.T.: 2.819 min
Delta R.T.: -0.005 min
Response: 144588846
Conc: 21.99 ng/ml



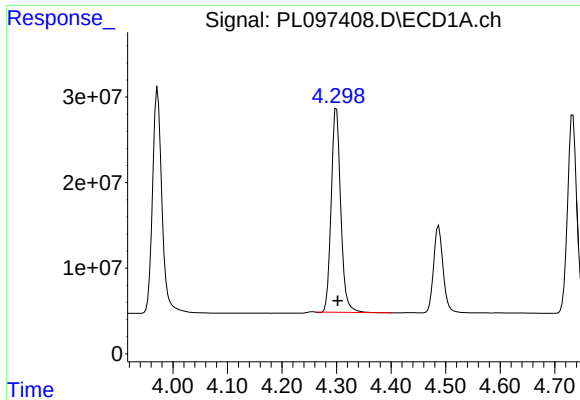
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 313601627
Conc: 44.88 ng/ml



#2 alpha-BHC

R.T.: 3.323 min
Delta R.T.: -0.006 min
Response: 460901631
Conc: 46.29 ng/ml m



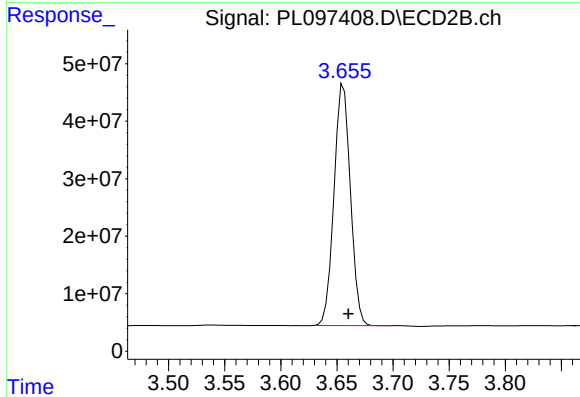
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 290154307
Conc: 43.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169826BS

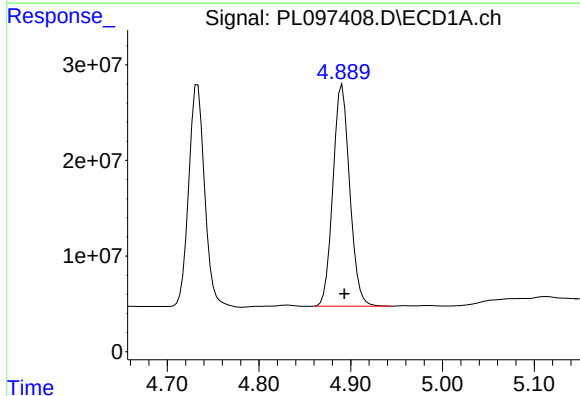
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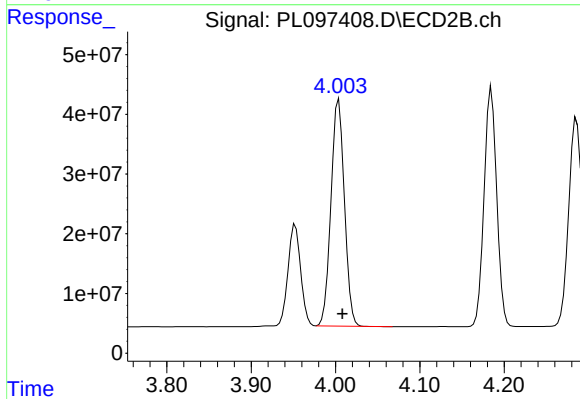
#3 gamma-BHC (Lindane)

R.T.: 3.656 min
Delta R.T.: -0.004 min
Response: 427686762
Conc: 45.92 ng/ml



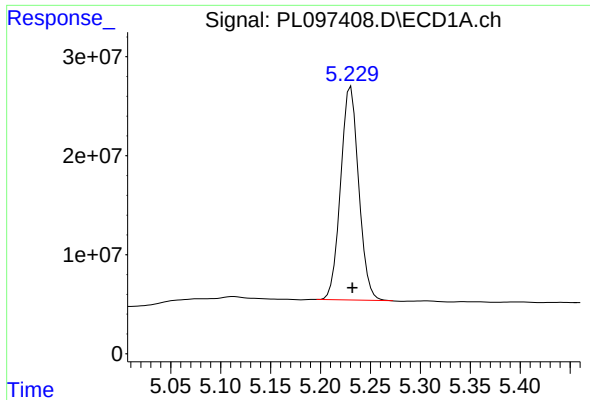
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 294722468
Conc: 44.19 ng/ml



#4 Heptachlor

R.T.: 4.004 min
Delta R.T.: -0.004 min
Response: 420390255
Conc: 45.18 ng/ml



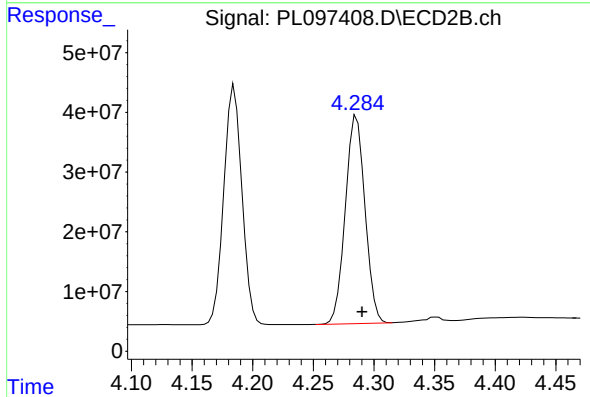
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 271429136
Conc: 42.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169826BS

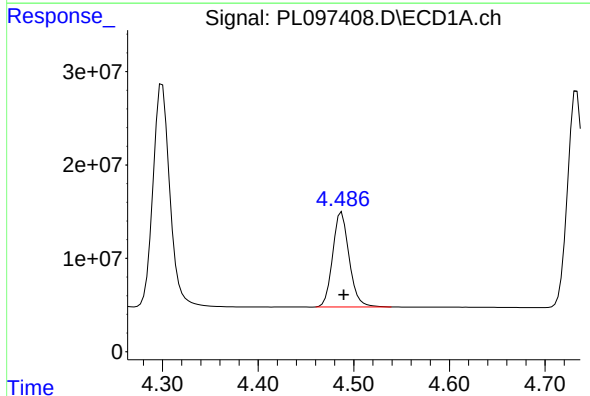
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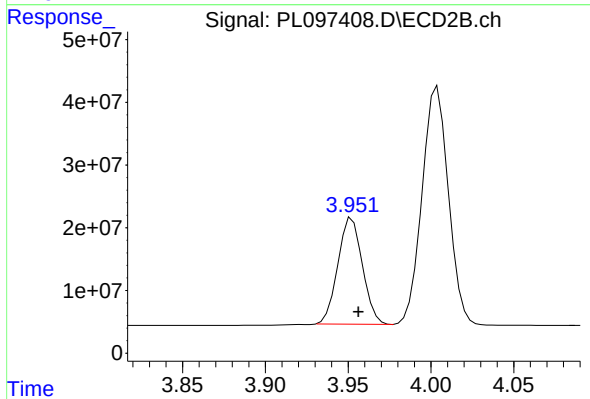
#5 Aldrin

R.T.: 4.284 min
Delta R.T.: -0.006 min
Response: 393329788
Conc: 45.32 ng/ml m



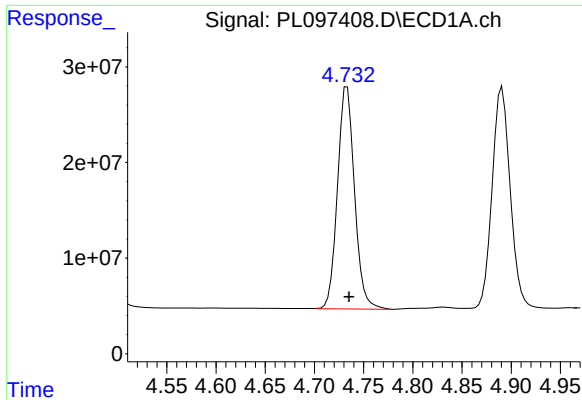
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 121565963
Conc: 44.59 ng/ml



#6 beta-BHC

R.T.: 3.952 min
Delta R.T.: -0.004 min
Response: 175363496
Conc: 43.17 ng/ml



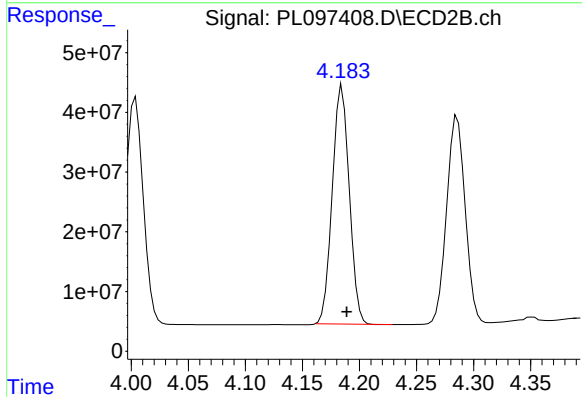
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 279892799
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169826BS

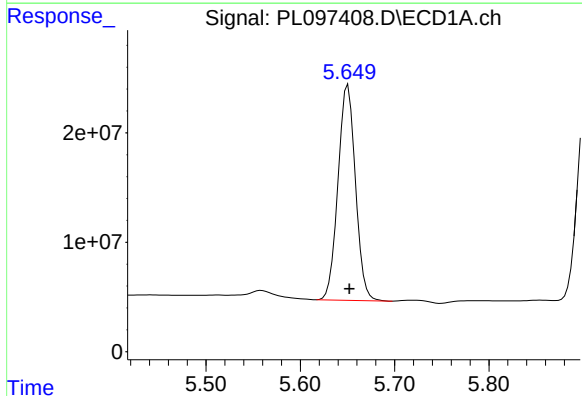
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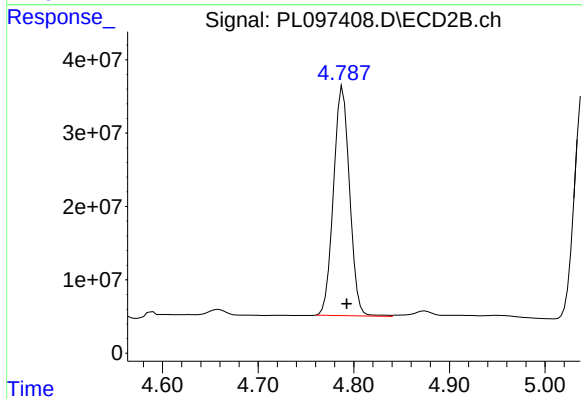
#7 delta-BHC

R.T.: 4.185 min
Delta R.T.: -0.004 min
Response: 414294482
Conc: 45.07 ng/ml



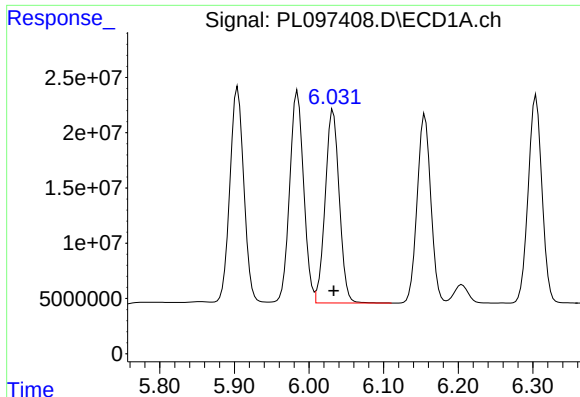
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: -0.001 min
Response: 253633637
Conc: 44.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.788 min
Delta R.T.: -0.004 min
Response: 364532211
Conc: 45.96 ng/ml



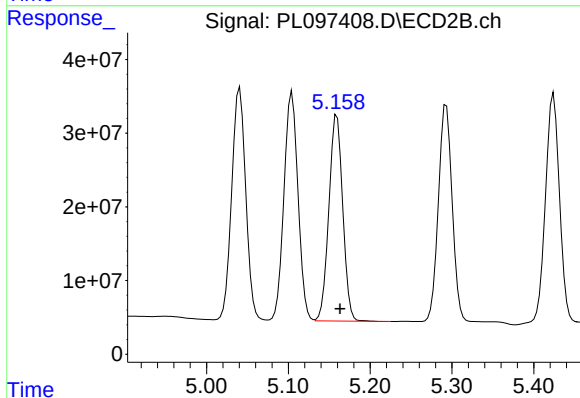
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 229706809
Conc: 44.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169826BS

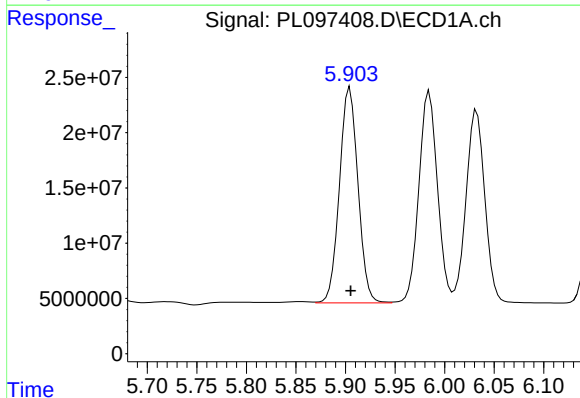
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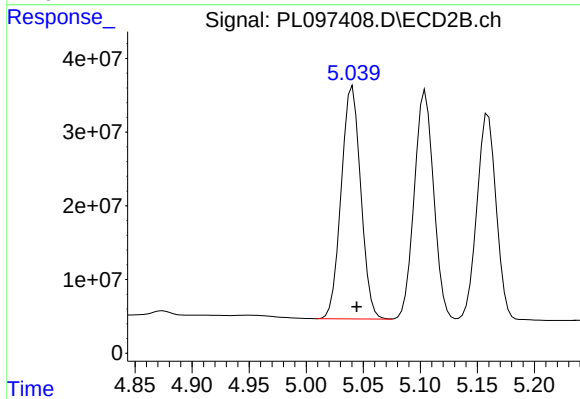
#9 Endosulfan I

R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 330069026
Conc: 42.96 ng/ml



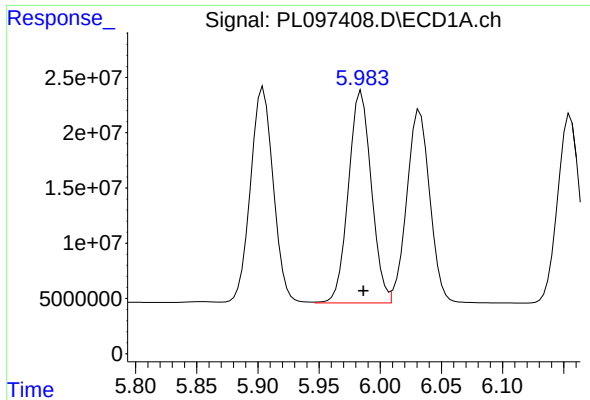
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 253441779
Conc: 44.83 ng/ml



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.004 min
Response: 376889644
Conc: 43.15 ng/ml



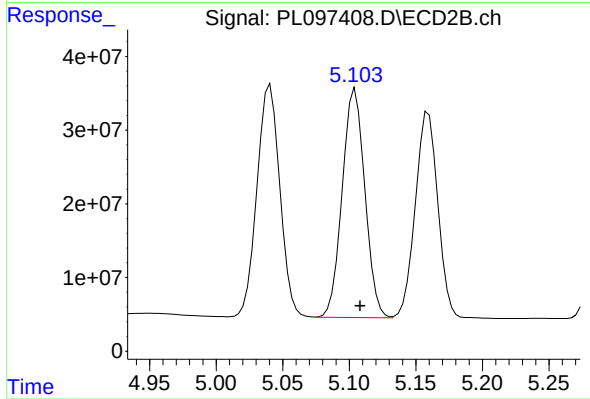
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.002 min
Response: 250253328
Conc: 44.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169826BS

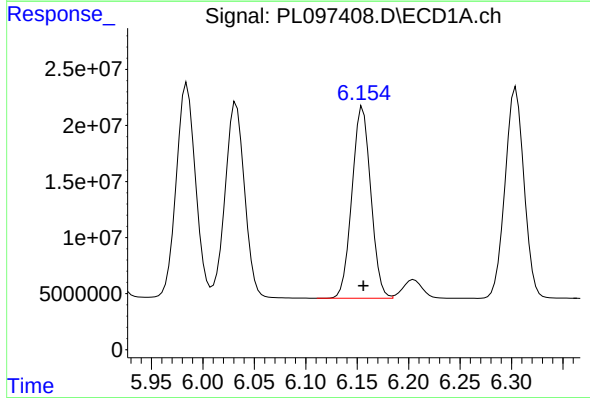
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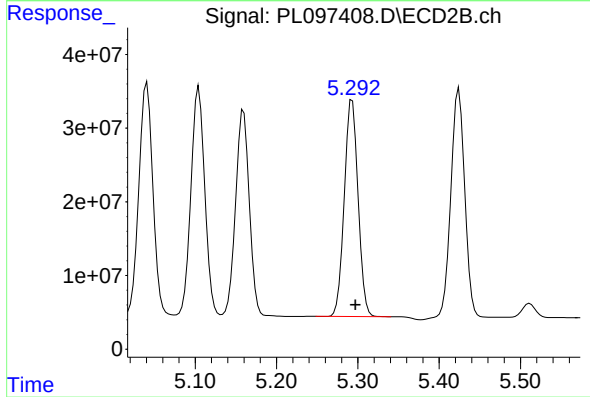
#11 alpha-Chlordane

R.T.: 5.105 min
Delta R.T.: -0.004 min
Response: 367970977
Conc: 44.33 ng/ml



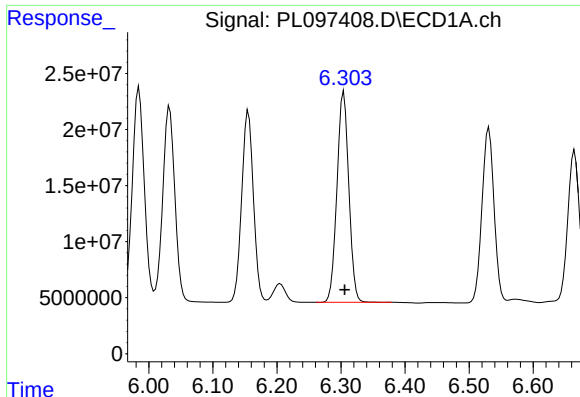
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 217608789
Conc: 45.67 ng/ml



#12 4,4'-DDE

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 345679706
Conc: 44.98 ng/ml



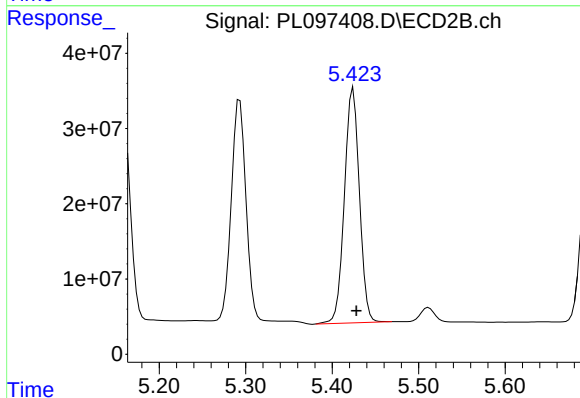
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.001 min
Response: 240821061
Conc: 43.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169826BS

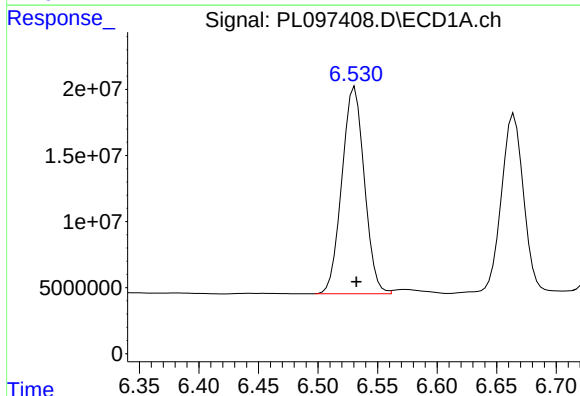
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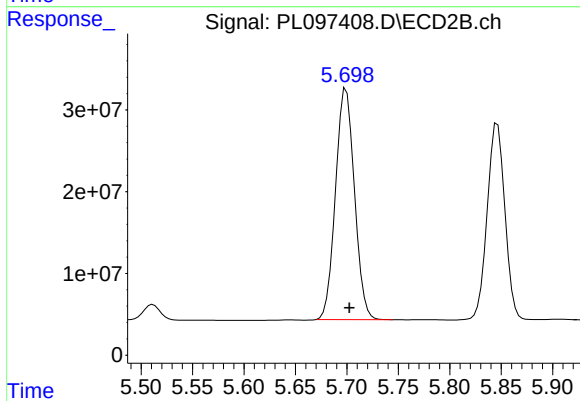
#13 Dieldrin

R.T.: 5.424 min
Delta R.T.: -0.004 min
Response: 374498506
Conc: 45.80 ng/ml



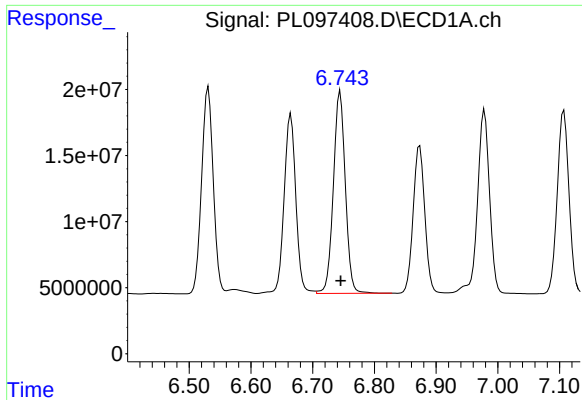
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.001 min
Response: 205184037
Conc: 44.48 ng/ml



#14 Endrin

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 362658122
Conc: 48.29 ng/ml



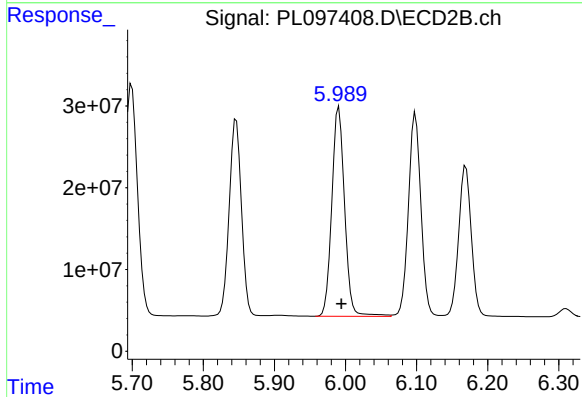
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 206189668
Conc: 41.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169826BS

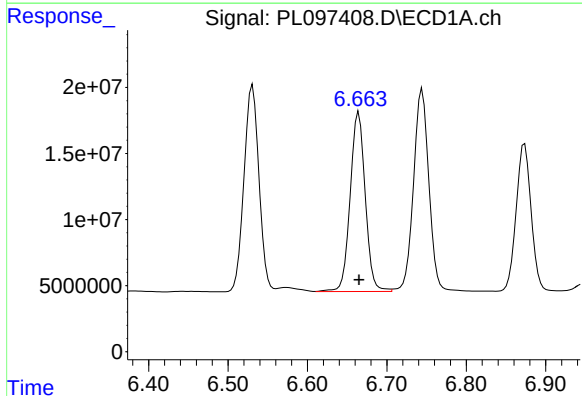
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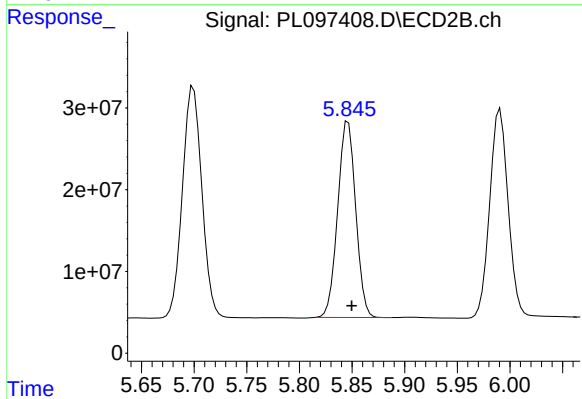
#15 Endosulfan II

R.T.: 5.991 min
Delta R.T.: -0.004 min
Response: 320040621
Conc: 45.02 ng/ml



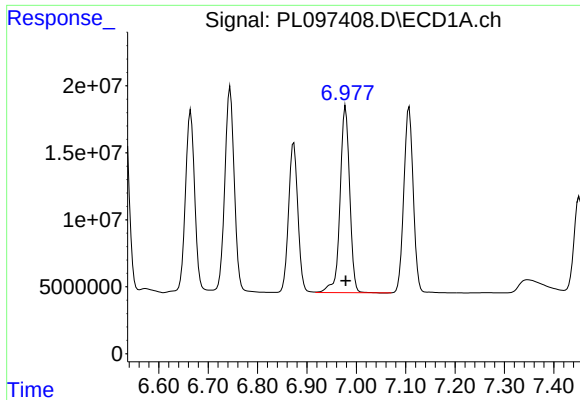
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 179119845
Conc: 47.51 ng/ml



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: -0.003 min
Response: 286375207
Conc: 44.41 ng/ml



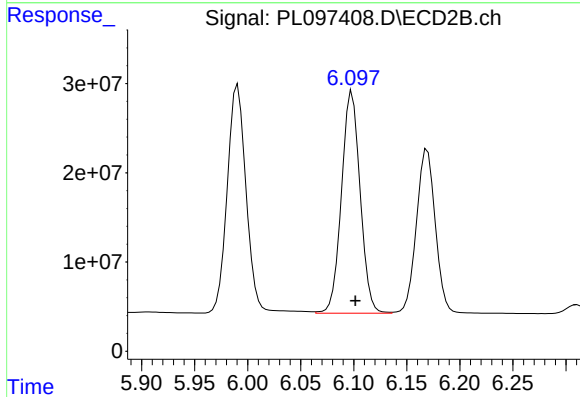
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 188576910
Conc: 44.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169826BS

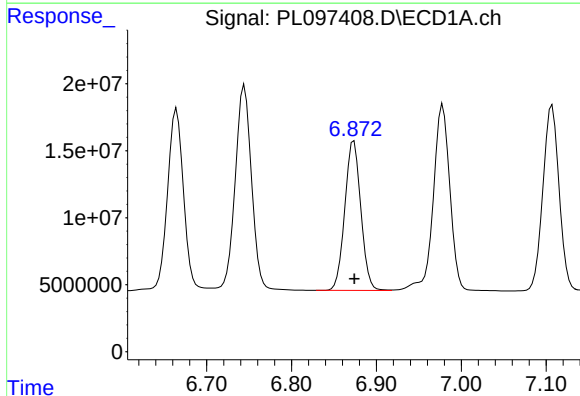
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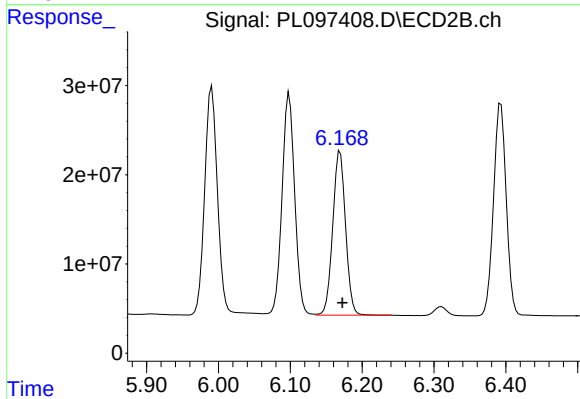
#17 4,4'-DDT

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 303723755
Conc: 43.89 ng/ml



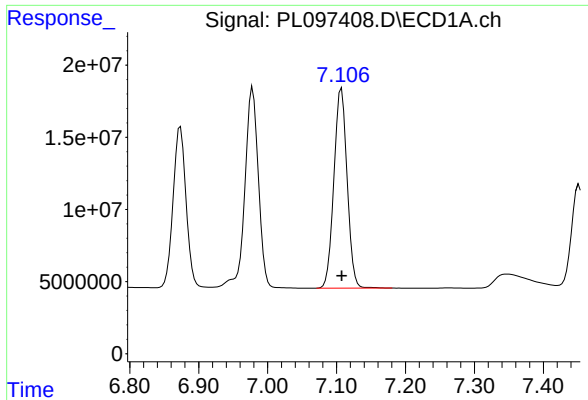
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 146183634
Conc: 47.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.169 min
Delta R.T.: -0.003 min
Response: 227306215
Conc: 42.59 ng/ml



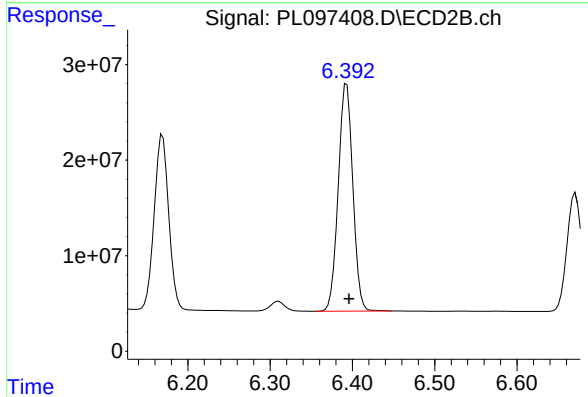
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 184045264
Conc: 45.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169826BS

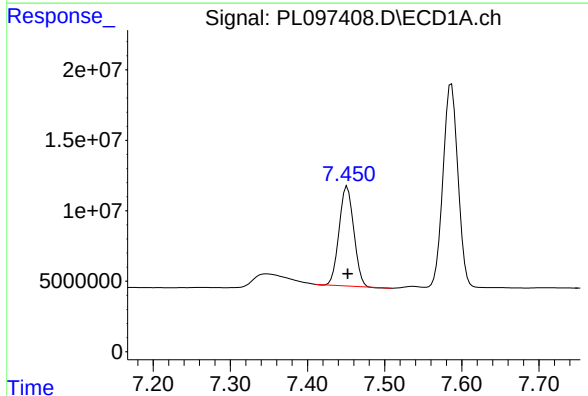
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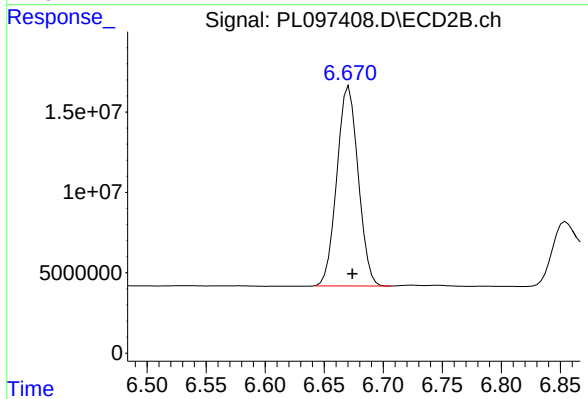
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 292546599
Conc: 42.71 ng/ml



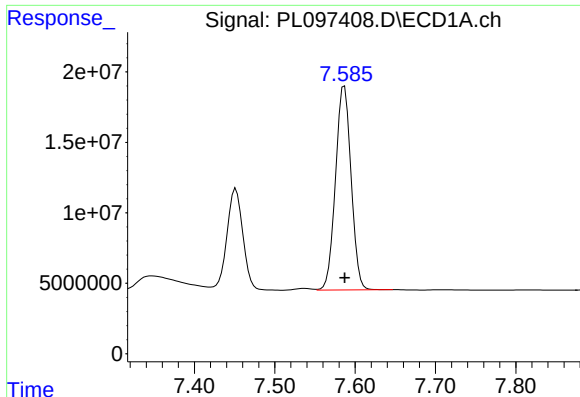
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 93425780
Conc: 44.80 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 156256765
Conc: 41.45 ng/ml



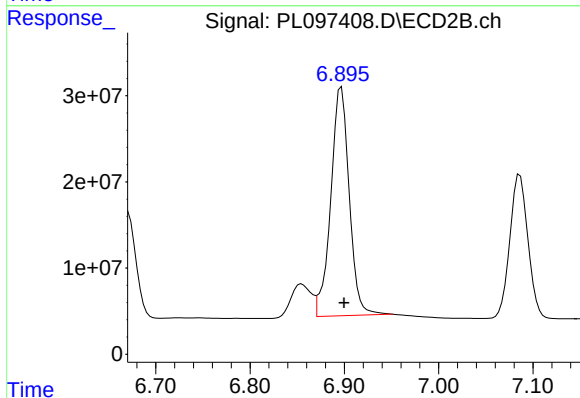
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 195299677
Conc: 46.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169826BS

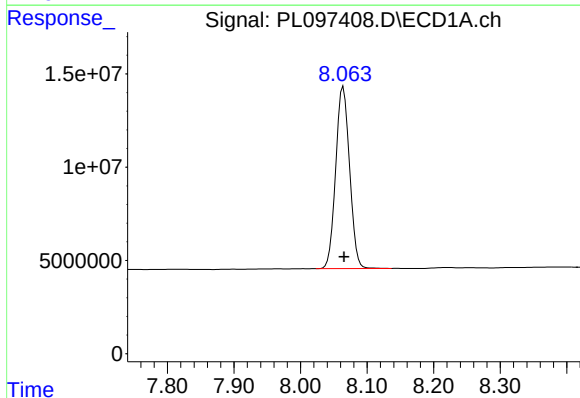
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



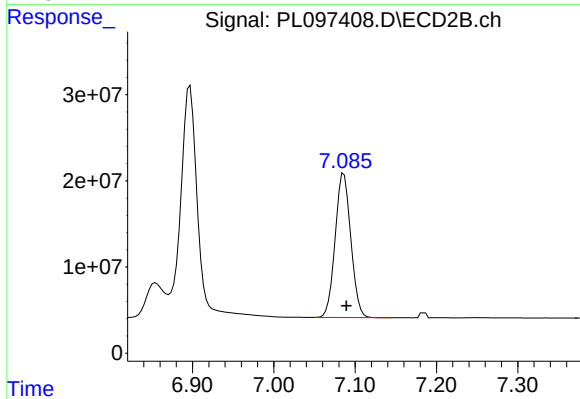
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 361515463
Conc: 48.01 ng/ml



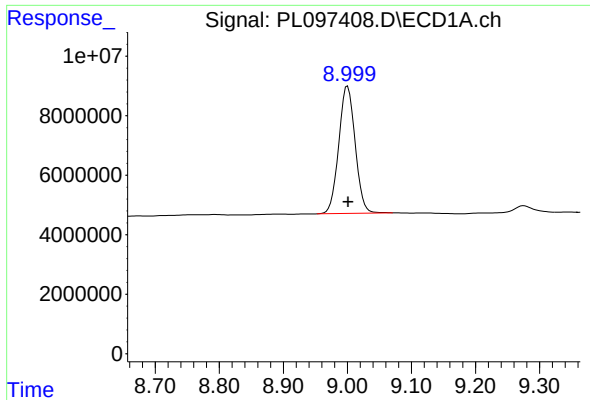
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 141337033
Conc: 39.81 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 223497407
Conc: 37.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 76127040
Conc: 23.26 ng/ml

Instrument :

ECD_L

ClientSampleId :

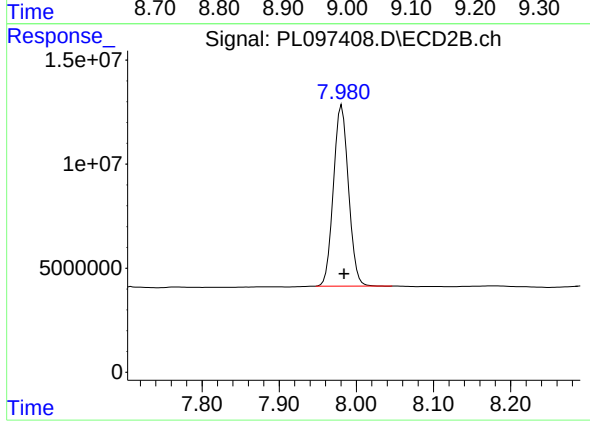
PB169826BS

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#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 118355832
Conc: 20.79 ng/ml