

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080525\
 Data File : PL096705.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2025 15:07
 Operator : AR\AJ
 Sample : PB169118BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169118BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/06/2025
 Supervised By : mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 01:52:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.533	2.826	64180346	107.7E6	20.178	22.551
28)	SA Decachlor...	9.009	7.988	49900818	101.6E6	20.926	23.427
Target Compounds							
2)	A alpha-BHC	3.981	3.332	245.8E6	416.0E6	53.135	58.776
3)	MA gamma-BHC...	4.308	3.664	231.8E6	387.3E6	52.407	58.654
4)	MA Heptachlor	4.900	4.012	225.9E6	385.3E6	54.362	57.829
5)	MB Aldrin	5.239	4.295	222.2E6	361.1E6	51.651	58.176
6)	B beta-BHC	4.495	3.960	94095289	161.8E6	52.131	57.340
7)	B delta-BHC	4.739	4.193	213.0E6	379.1E6	53.382m	58.557
8)	B Heptachlo...	5.659	4.797	203.2E6	328.4E6	52.688	57.492
9)	A Endosulfan I	6.040	5.167	184.9E6	305.4E6	51.414	55.204
10)	B gamma-Chl...	5.913	5.049	200.5E6	342.6E6	52.679	58.272
11)	B alpha-Chl...	5.993	5.113	198.9E6	335.1E6	51.591	56.806
12)	B 4,4'-DDE	6.163	5.301	166.8E6	318.5E6	51.946	57.750
13)	MA Dieldrin	6.312	5.432	192.5E6	339.0E6	51.876	57.392
14)	MA Endrin	6.539	5.706	158.2E6	307.8E6	52.282	56.937
15)	B Endosulfa...	6.751	5.998	161.0E6	293.8E6	50.275	57.199
16)	A 4,4'-DDD	6.671	5.854	128.8E6	267.8E6	50.925	56.914
17)	MA 4,4'-DDT	6.985	6.106	146.0E6	288.7E6	50.906	57.073
18)	B Endrin al...	6.880	6.176	122.0E6	238.5E6	56.867	65.221
19)	B Endosulfa...	7.113	6.399	146.0E6	293.9E6	50.810	57.785
20)	A Methoxychlor	7.459	6.678	74494470	154.0E6	50.733	56.201
21)	B Endrin ke...	7.593	6.903	152.9E6	308.8E6	50.859	55.433
22)	Mirex	8.071	7.094	122.4E6	237.1E6	49.367	54.377

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080525\
Data File : PL096705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 15:07
Operator : AR\AJ
Sample : PB169118BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

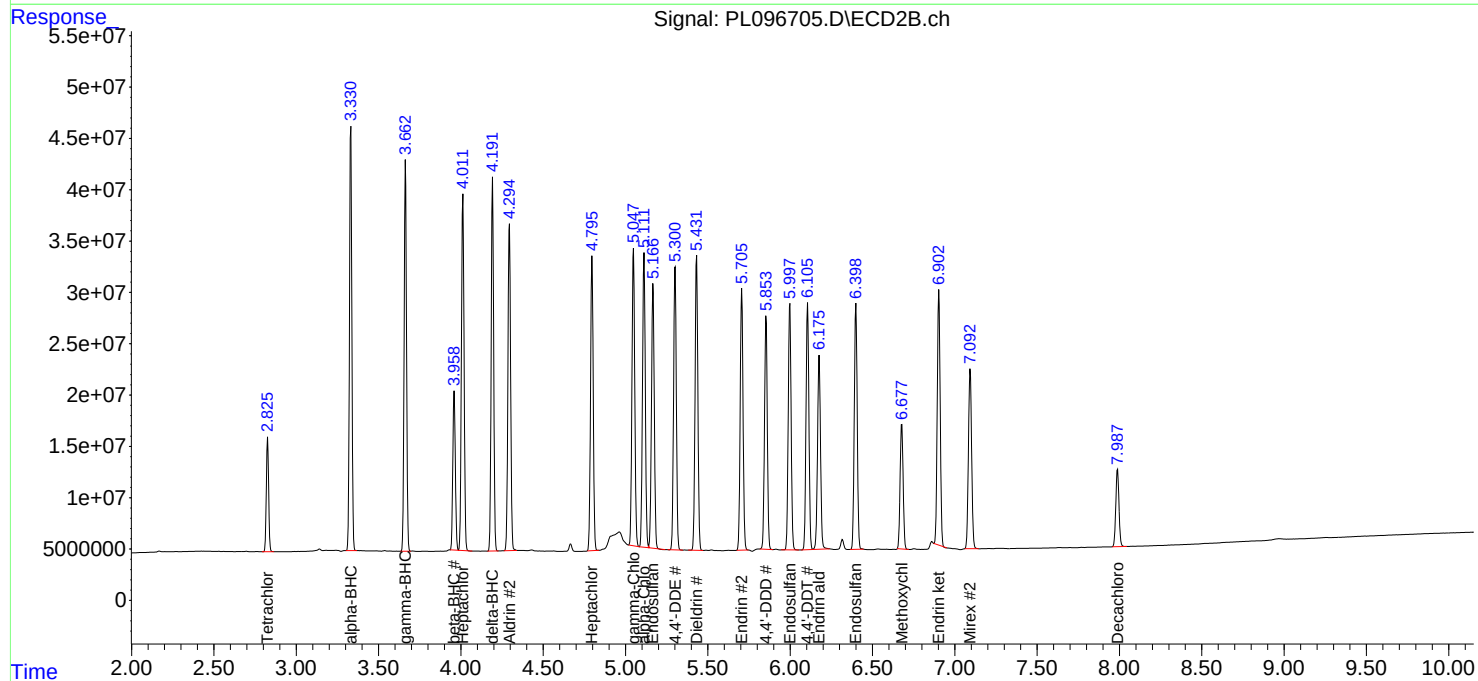
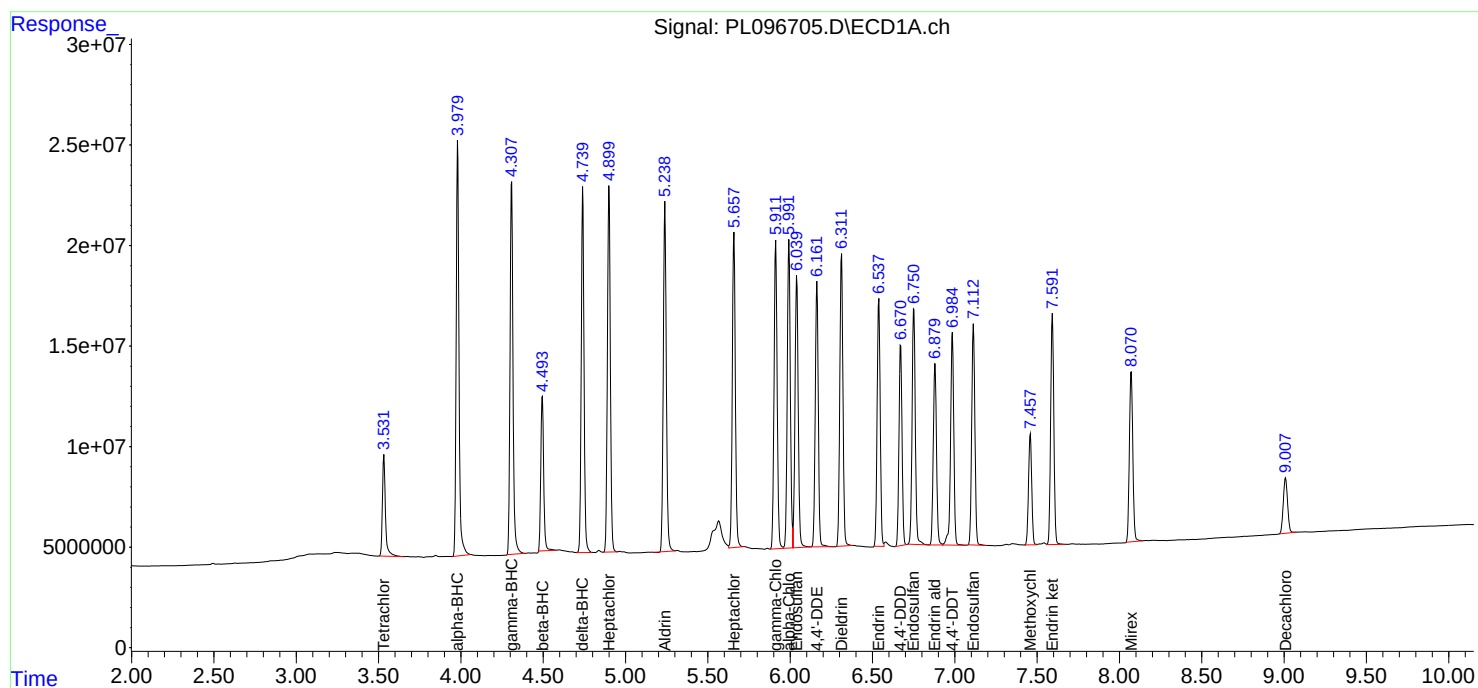
Instrument :
ECD_L
ClientSampleId :
PB169118BS

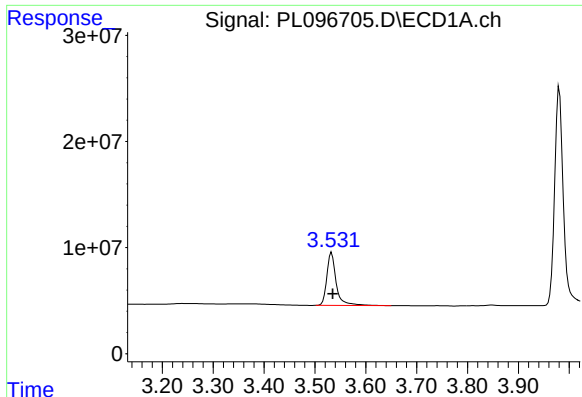
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 01:52:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





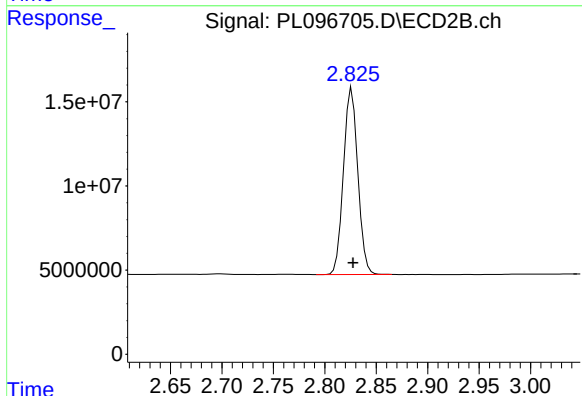
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.002 min
Response: 64180346
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

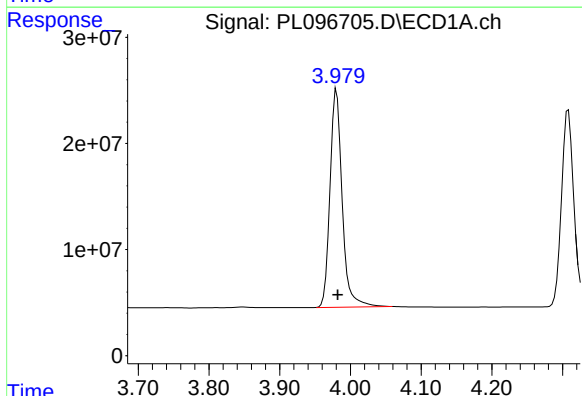
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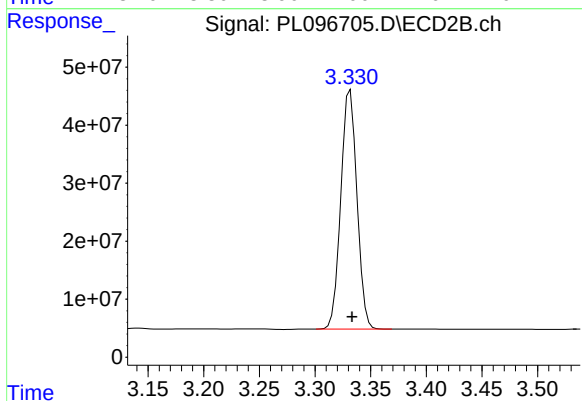
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.001 min
Response: 107744229
Conc: 22.55 ng/ml



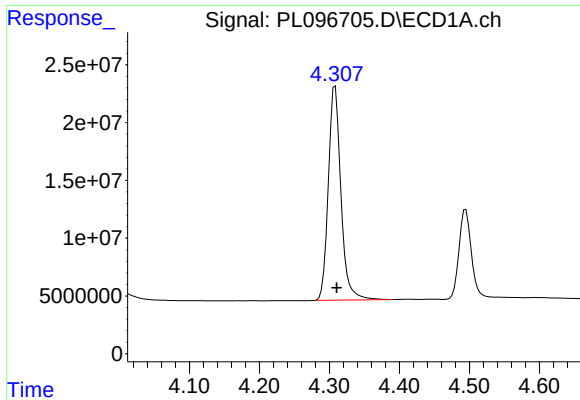
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: -0.002 min
Response: 245822736
Conc: 53.14 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.002 min
Response: 415958168
Conc: 58.78 ng/ml



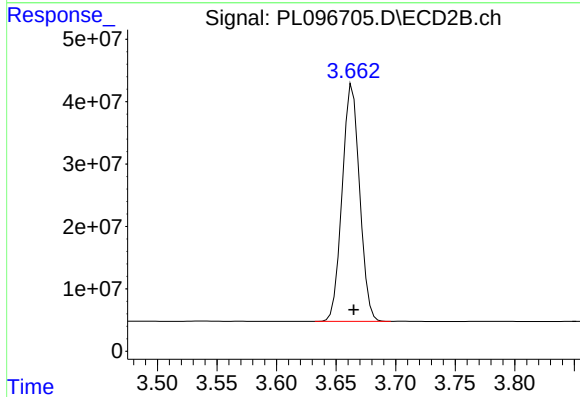
#3 gamma-BHC (Lindane)

R.T.: 4.308 min
Delta R.T.: -0.002 min
Response: 231818970
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

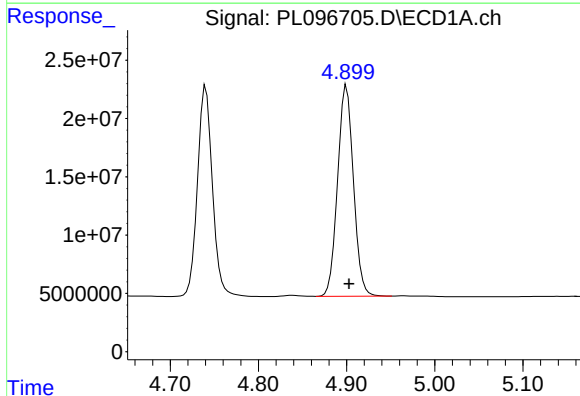
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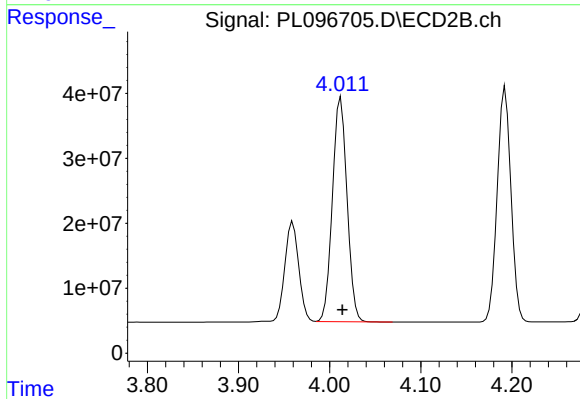
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.001 min
Response: 387311477
Conc: 58.65 ng/ml



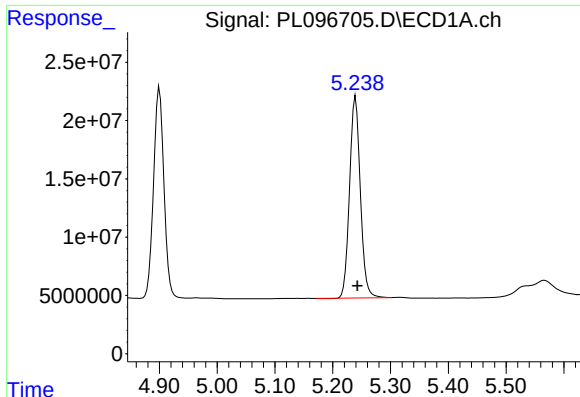
#4 Heptachlor

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 225912871
Conc: 54.36 ng/ml



#4 Heptachlor

R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 385257198
Conc: 57.83 ng/ml



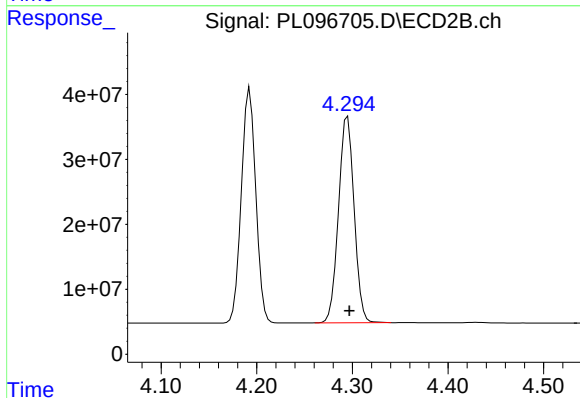
#5 Aldrin

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 222152289
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

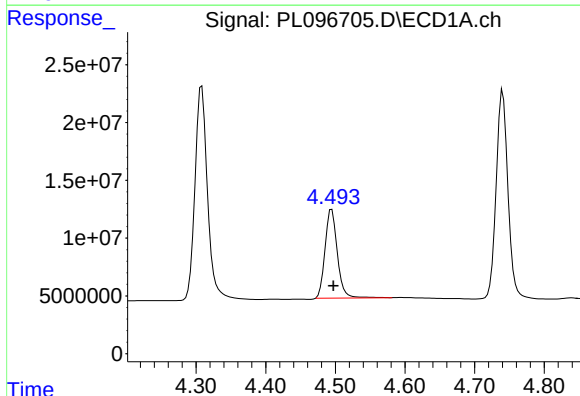
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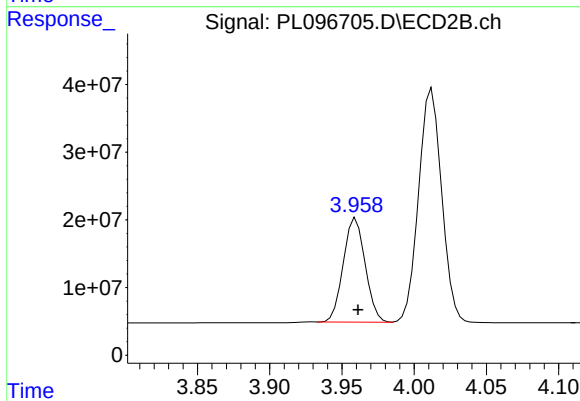
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 361101906
Conc: 58.18 ng/ml



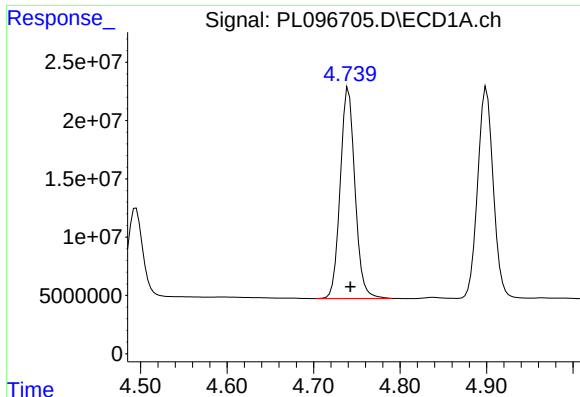
#6 beta-BHC

R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 94095289
Conc: 52.13 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 161750421
Conc: 57.34 ng/ml



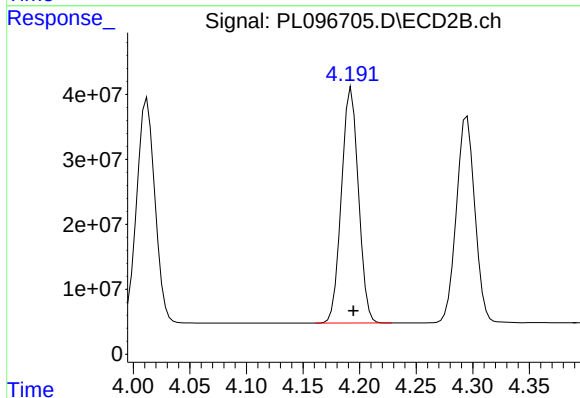
#7 delta-BHC

R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 212986938
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

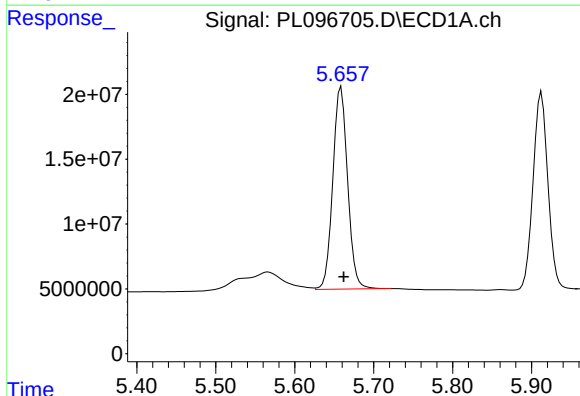
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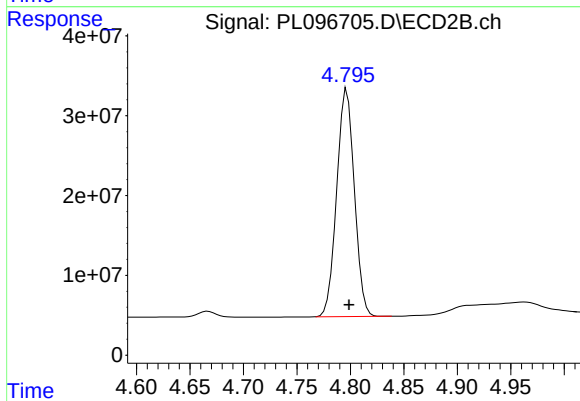
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.002 min
Response: 379076109
Conc: 58.56 ng/ml



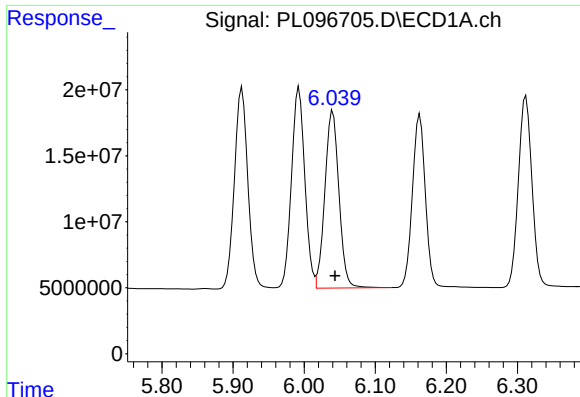
#8 Heptachlor epoxide

R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 203192831
Conc: 52.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 328358584
Conc: 57.49 ng/ml



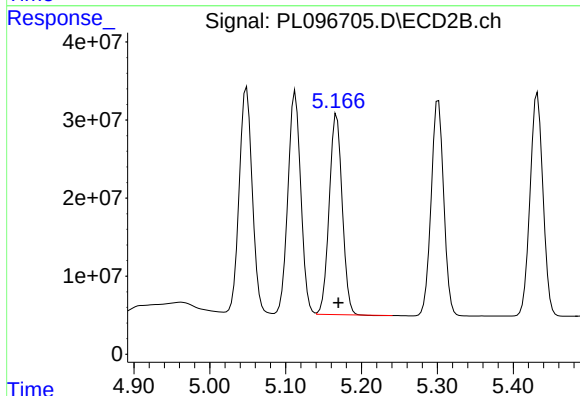
#9 Endosulfan I

R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 184904320
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

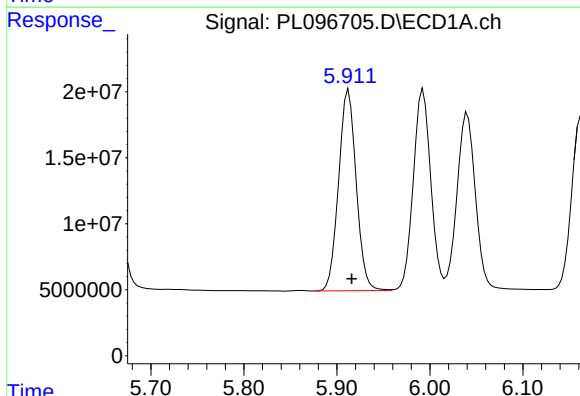
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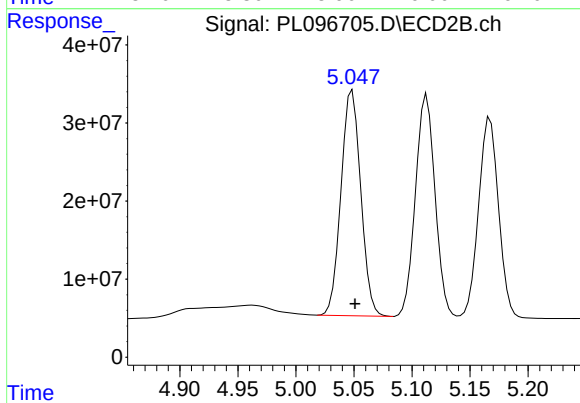
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 305354246
Conc: 55.20 ng/ml



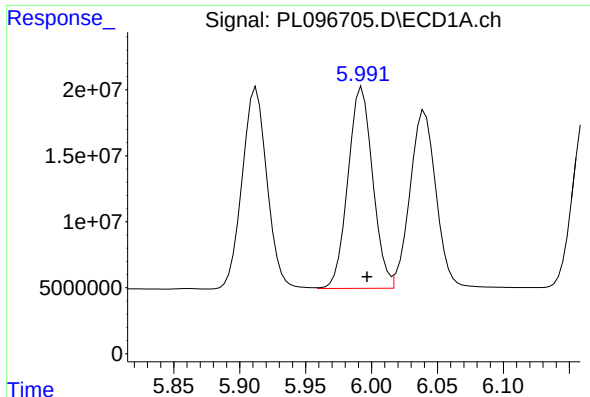
#10 gamma-Chlordane

R.T.: 5.913 min
Delta R.T.: -0.003 min
Response: 200454357
Conc: 52.68 ng/ml



#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 342644857
Conc: 58.27 ng/ml



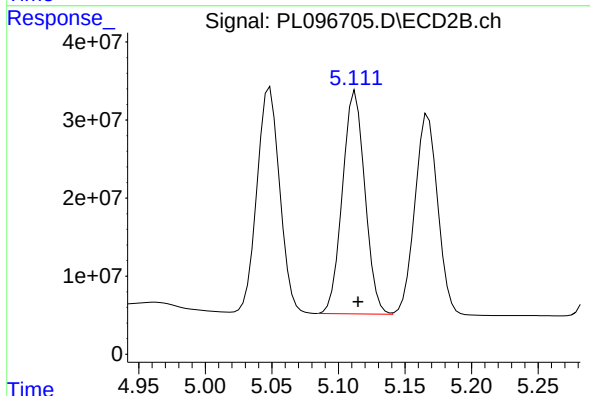
#11 alpha-Chlordane

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 198863277
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

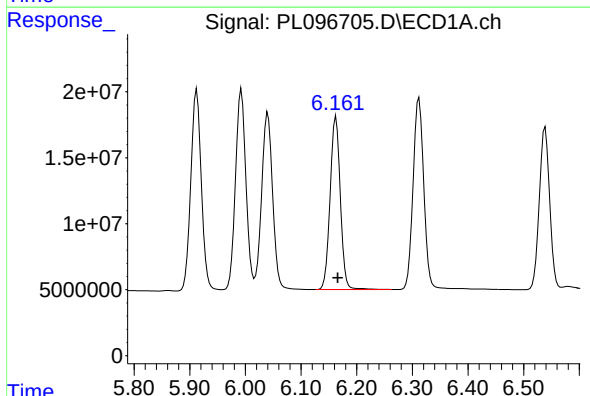
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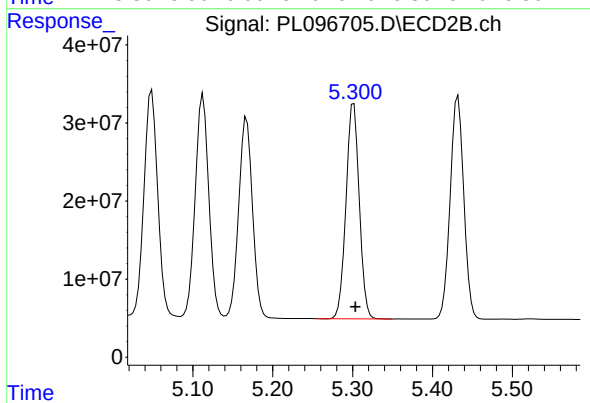
#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 335093328
Conc: 56.81 ng/ml



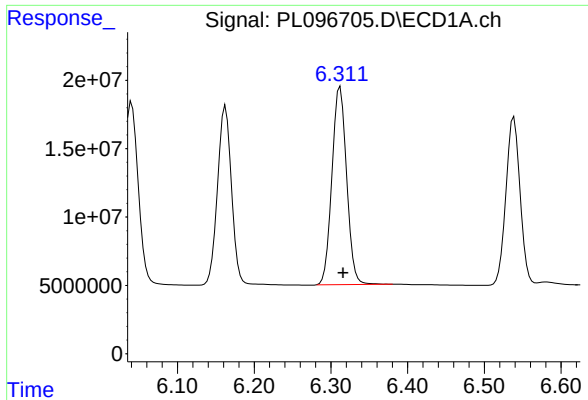
#12 4,4'-DDE

R.T.: 6.163 min
Delta R.T.: -0.003 min
Response: 166810223
Conc: 51.95 ng/ml



#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 318458221
Conc: 57.75 ng/ml



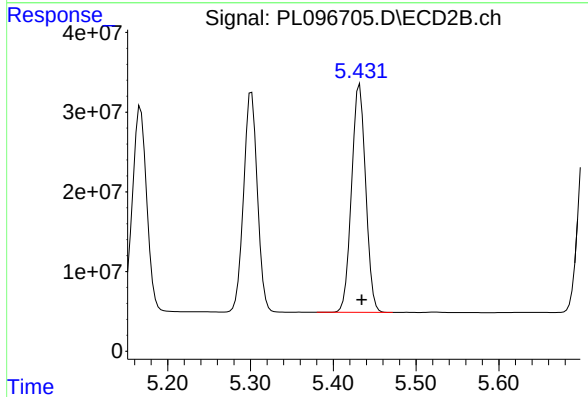
#13 Dieldrin

R.T.: 6.312 min
Delta R.T.: -0.004 min
Response: 192518623
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

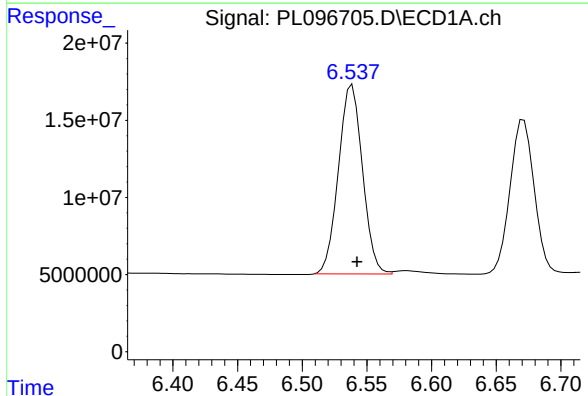
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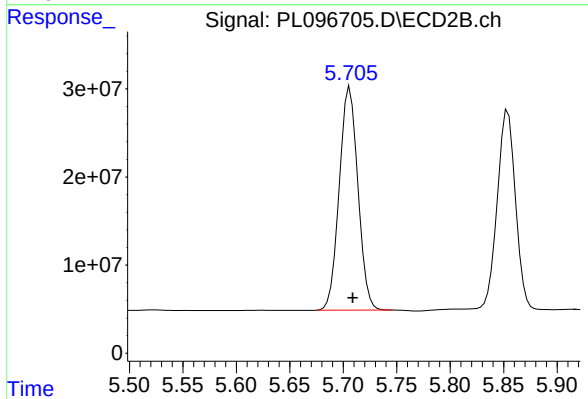
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 338985726
Conc: 57.39 ng/ml



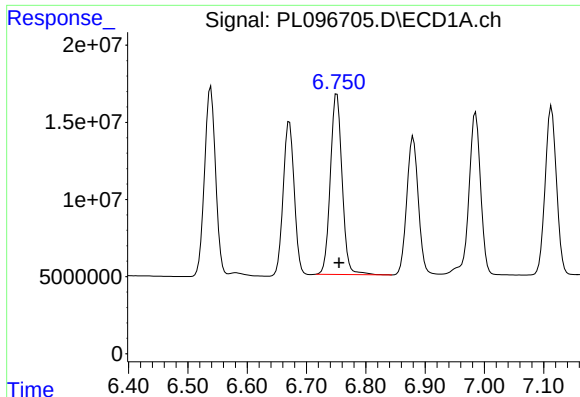
#14 Endrin

R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 158245663
Conc: 52.28 ng/ml



#14 Endrin

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 307800280
Conc: 56.94 ng/ml



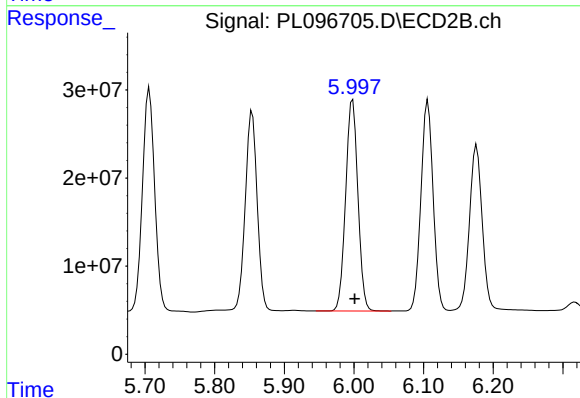
#15 Endosulfan II

R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 161012086
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

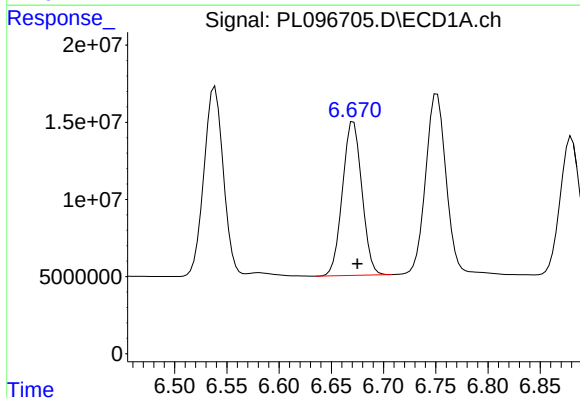
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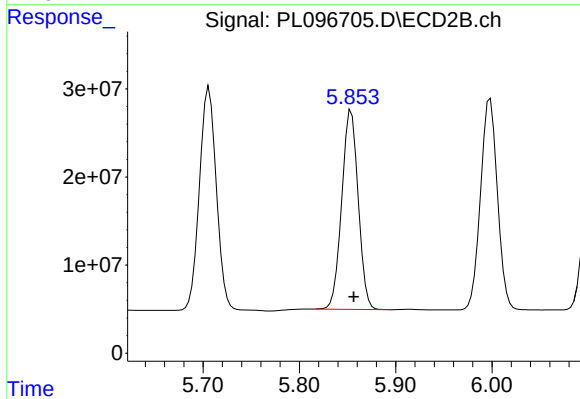
#15 Endosulfan II

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 293789968
Conc: 57.20 ng/ml



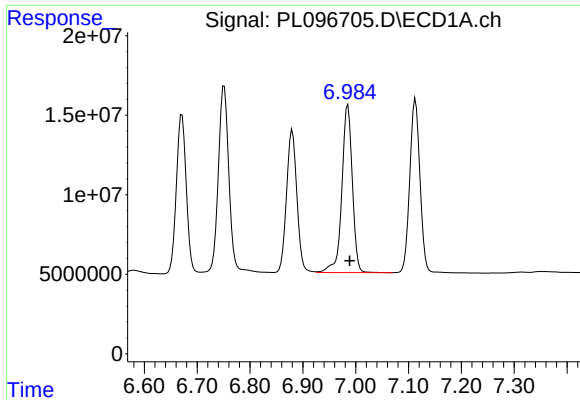
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: -0.004 min
Response: 128756409
Conc: 50.92 ng/ml



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 267797885
Conc: 56.91 ng/ml



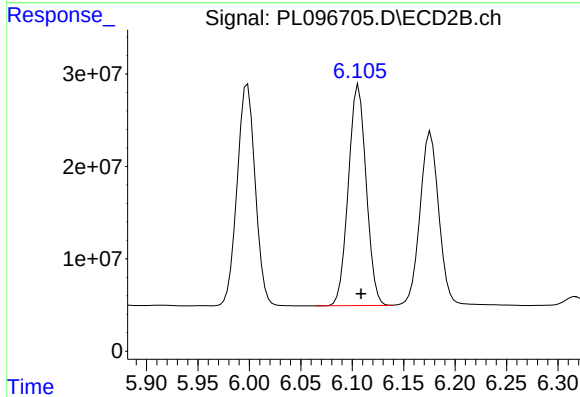
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: -0.004 min
Response: 145982584
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

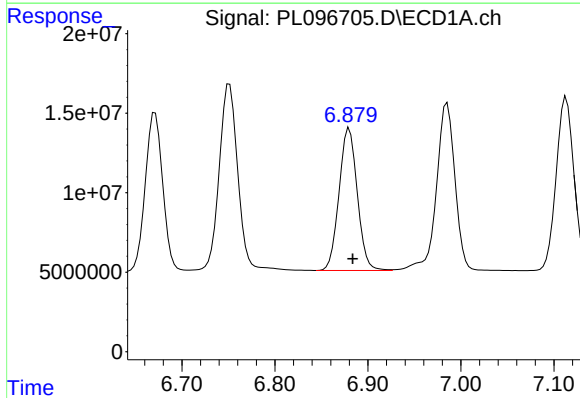
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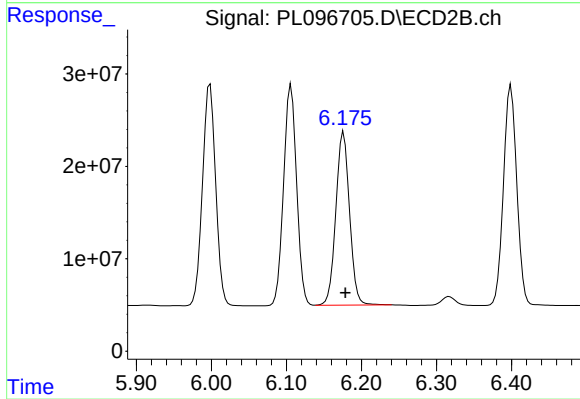
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 288690853
Conc: 57.07 ng/ml



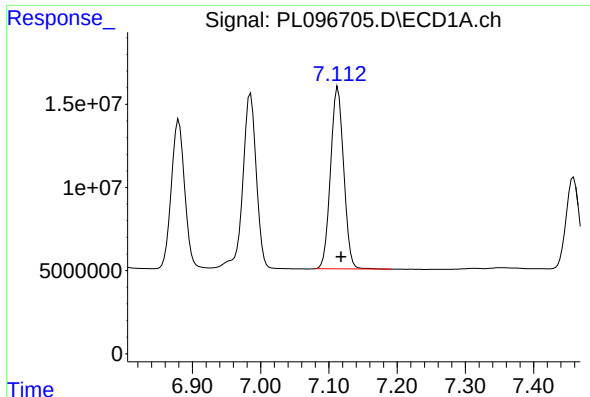
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 122032826
Conc: 56.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 238478044
Conc: 65.22 ng/ml



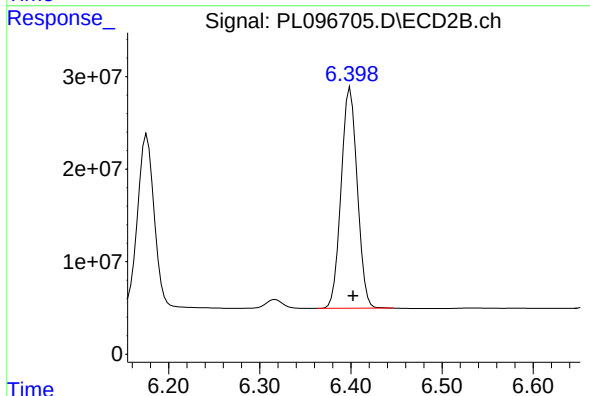
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: -0.004 min
Response: 146012611
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

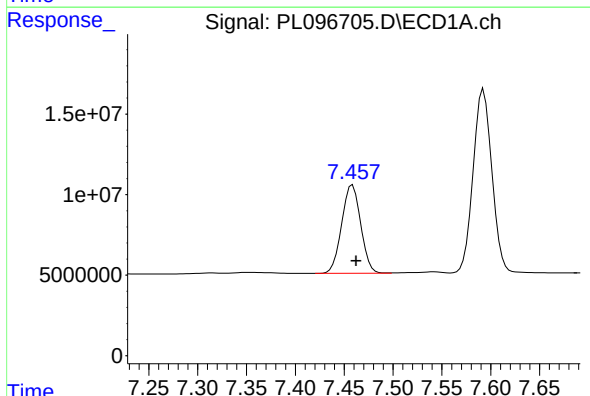
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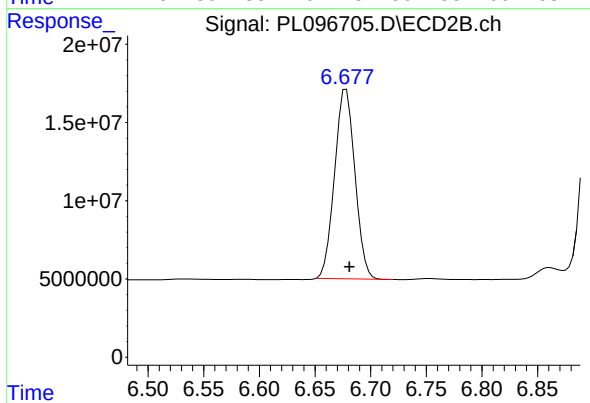
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 293906992
Conc: 57.79 ng/ml



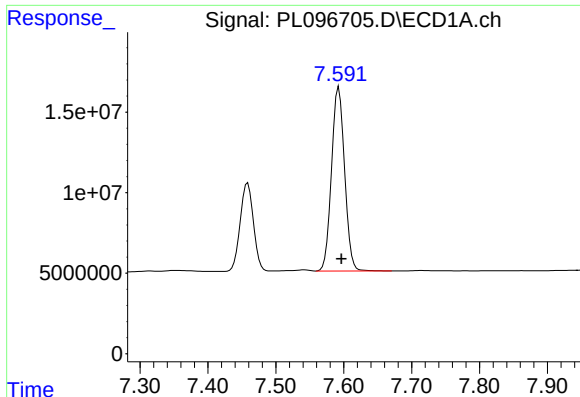
#20 Methoxychlor

R.T.: 7.459 min
Delta R.T.: -0.004 min
Response: 74494470
Conc: 50.73 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 154019500
Conc: 56.20 ng/ml



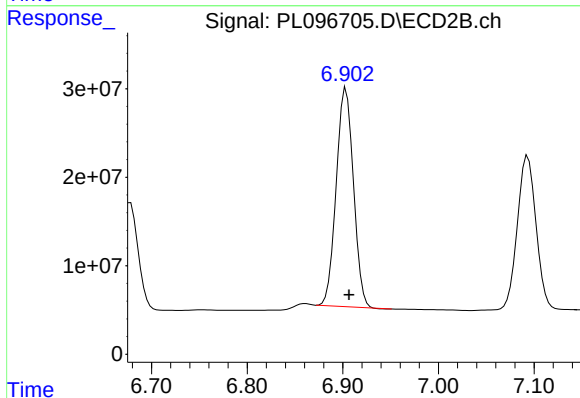
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: -0.004 min
Response: 152918104
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

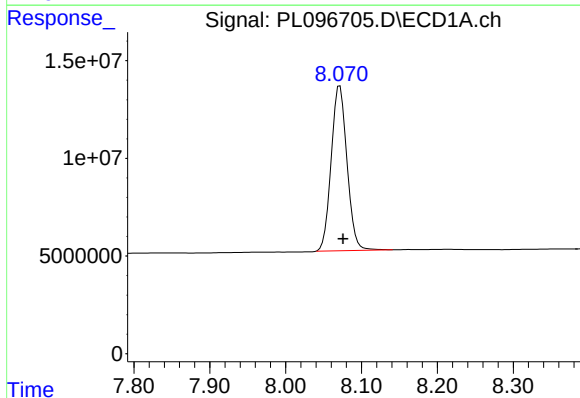
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



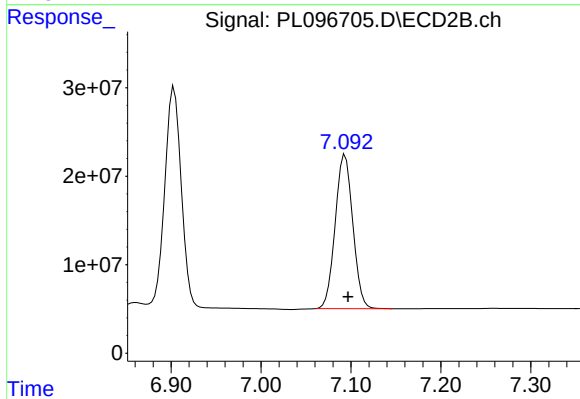
#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: -0.003 min
Response: 308750373
Conc: 55.43 ng/ml



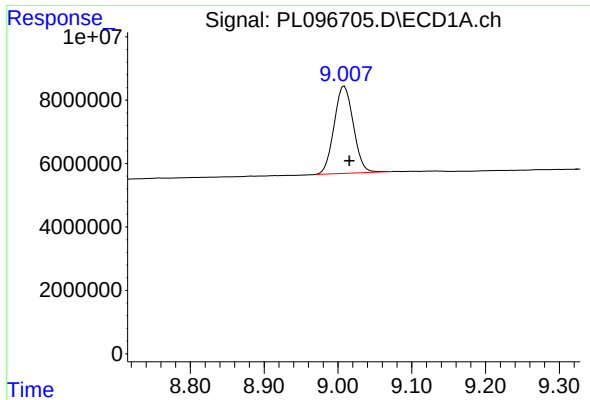
#22 Mirex

R.T.: 8.071 min
Delta R.T.: -0.004 min
Response: 122398364
Conc: 49.37 ng/ml



#22 Mirex

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 237131252
Conc: 54.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.009 min
Delta R.T.: -0.007 min
Response: 49900818
Conc: 20.93 ng/ml

Instrument :

ECD_L

ClientSampleId :

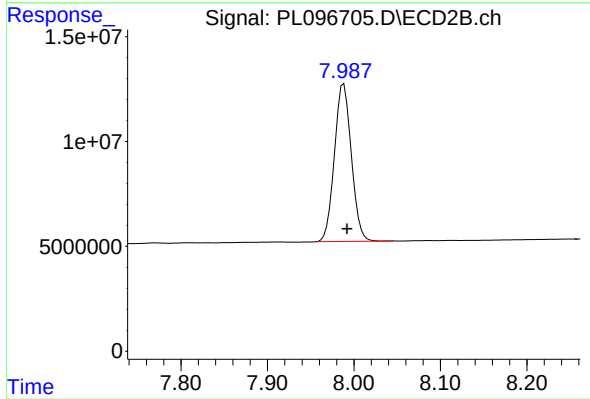
PB169118BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 101632375
Conc: 23.43 ng/ml