

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
 Data File : PL096628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 17:44
 Operator : AR\AJ
 Sample : PB169038BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169038BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/30/2025
 Supervised By : mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:52:55 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...	3.535	2.828	57023468	90124200	17.927	18.863
2)	SA Decachlor...	9.016	7.993	45199007	86950264	18.954	20.042
Target Compounds							
2)	A alpha-BHC	3.983	3.334	225.8E6	361.7E6	48.816	51.104
3)	MA gamma-BHC...	4.311	3.666	213.7E6	336.5E6	48.301	50.966
4)	MA Heptachlor	4.903	4.014	202.8E6	332.3E6	48.789	49.884
5)	MB Aldrin	5.243	4.297	203.6E6	312.4E6	47.345	50.333
6)	B beta-BHC	4.497	3.962	88406828	140.3E6	48.980	49.748
7)	B delta-BHC	4.742	4.195	198.0E6	329.5E6	49.619m	50.900
8)	B Heptachlo...	5.662	4.800	188.2E6	287.4E6	48.790	50.313
9)	A Endosulfan I	6.044	5.171	170.3E6	265.2E6	47.343	47.953
10)	B gamma-Chl...	5.916	5.051	183.9E6	297.0E6	48.326	50.511
11)	B alpha-Chl...	5.996	5.115	182.9E6	288.8E6	47.439	48.962
12)	B 4,4'-DDE	6.166	5.304	152.1E6	276.6E6	47.359	50.166
13)	MA Dieldrin	6.316	5.435	178.5E6	294.5E6	48.108	49.865
14)	MA Endrin	6.542	5.710	141.5E6	278.1E6	46.747	51.448
15)	B Endosulfa...	6.755	6.002	151.2E6	255.6E6	47.224	49.769
16)	A 4,4'-DDD	6.675	5.857	122.6E6	236.6E6	48.503	50.290
17)	MA 4,4'-DDT	6.989	6.110	133.4E6	240.3E6	46.518	47.515
18)	B Endrin al...	6.884	6.179	112.1E6	202.2E6	52.254	54.757
19)	B Endosulfa...	7.118	6.403	137.7E6	255.8E6	47.932	50.294
20)	A Methoxychlor	7.462	6.682	68031410	130.8E6	46.332	47.713
21)	B Endrin ke...	7.597	6.906	147.6E6	299.0E6	49.098	53.692m
22)	Mirex	8.076	7.097	119.5E6	211.9E6	48.212	48.581

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
Data File : PL096628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 17:44
Operator : AR\AJ
Sample : PB169038BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

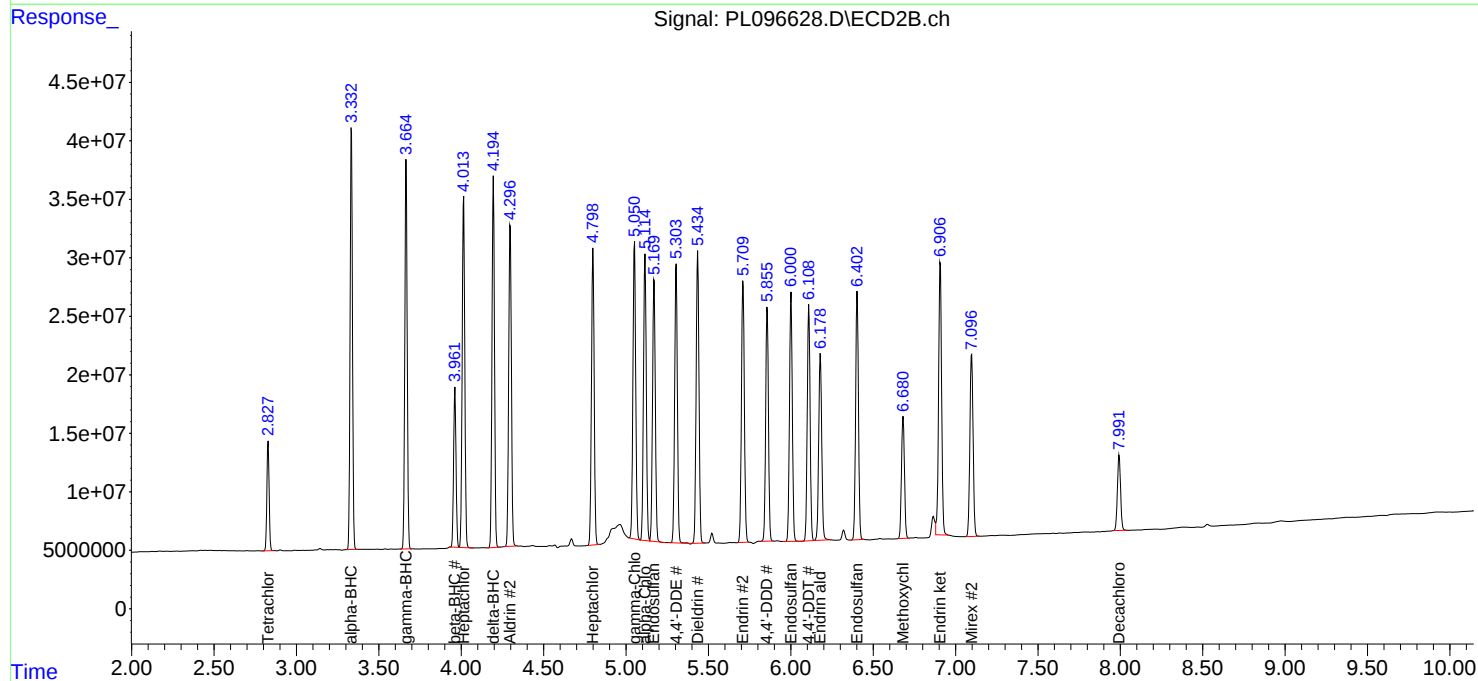
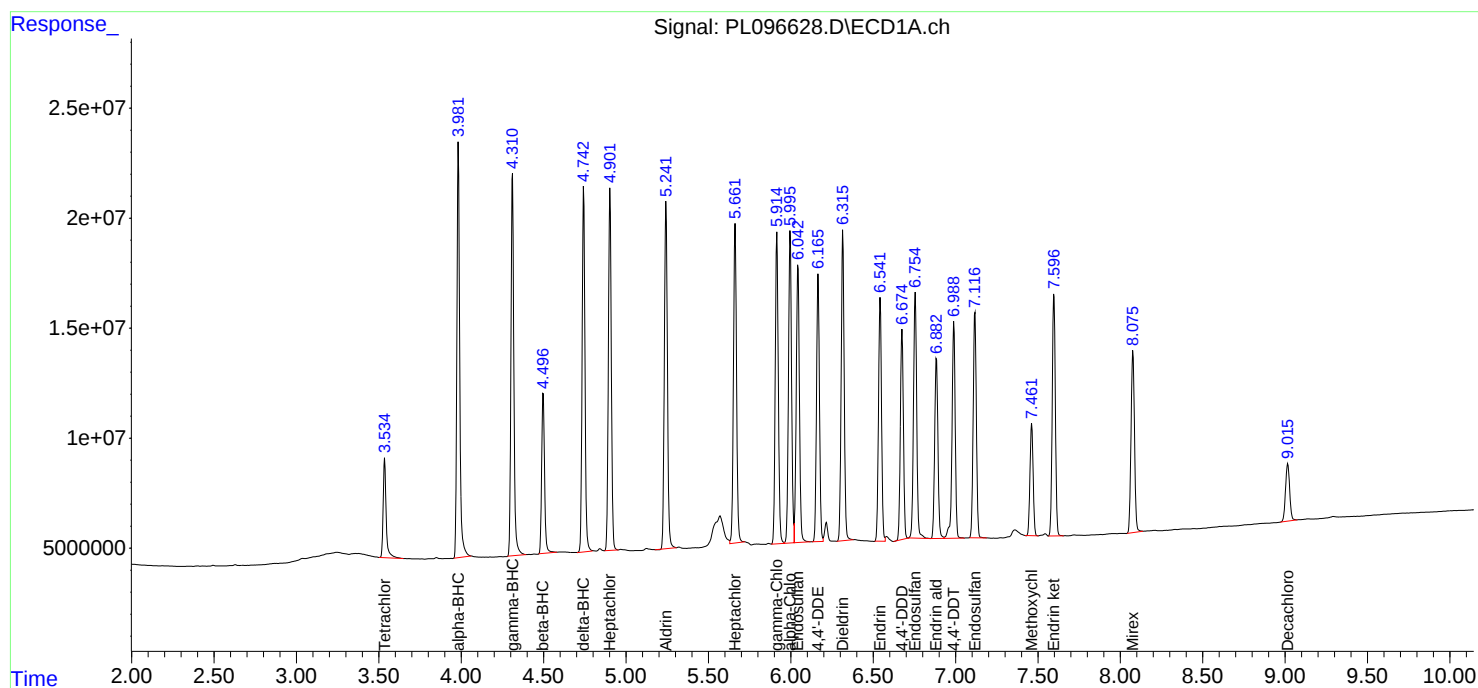
Instrument :
ECD_L
ClientSampleId :
PB169038BS

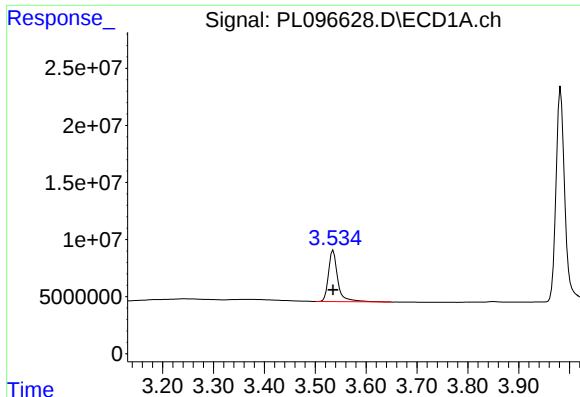
Manual Integrations
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Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:52:55 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
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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





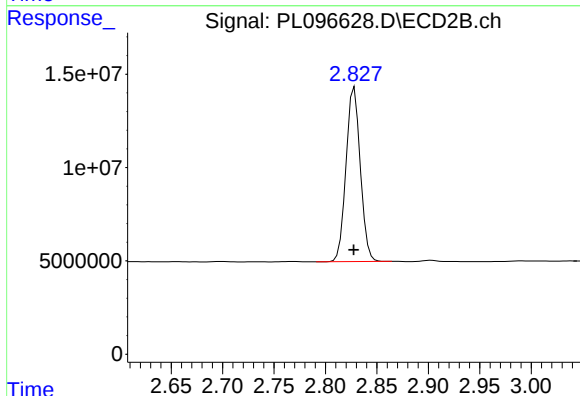
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 57023468
Conc: 17.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

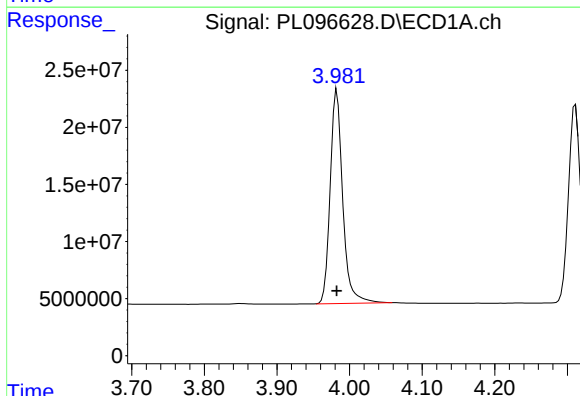
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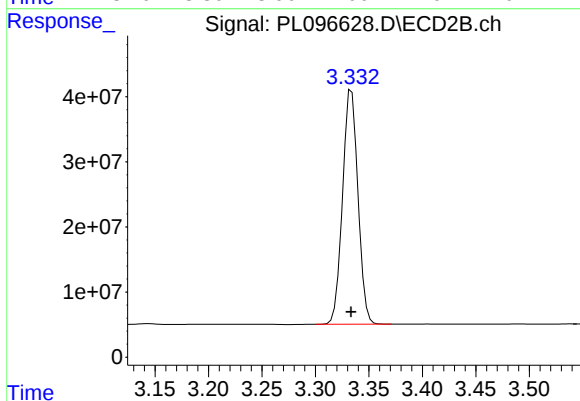
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 90124200
Conc: 18.86 ng/ml



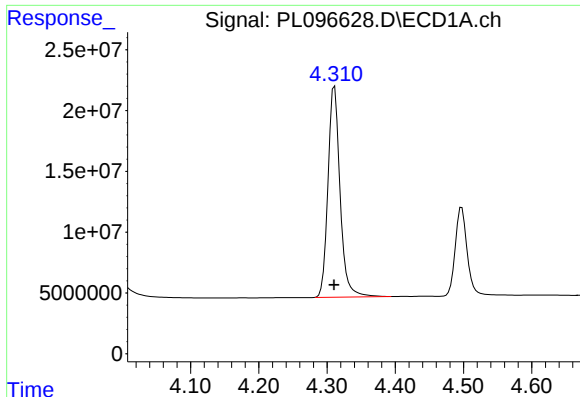
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 225842128
Conc: 48.82 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 361665846
Conc: 51.10 ng/ml



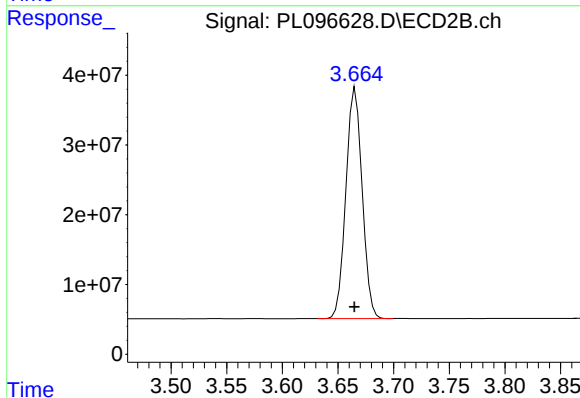
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 213657423
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

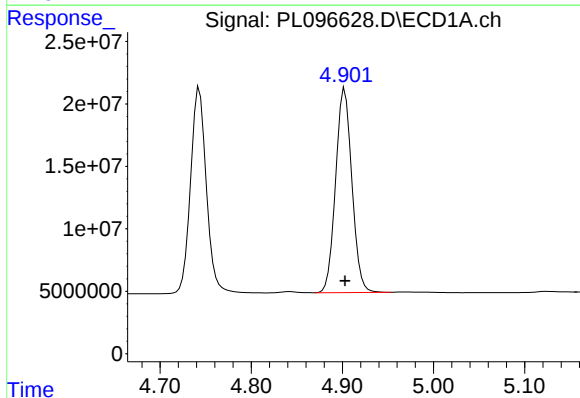
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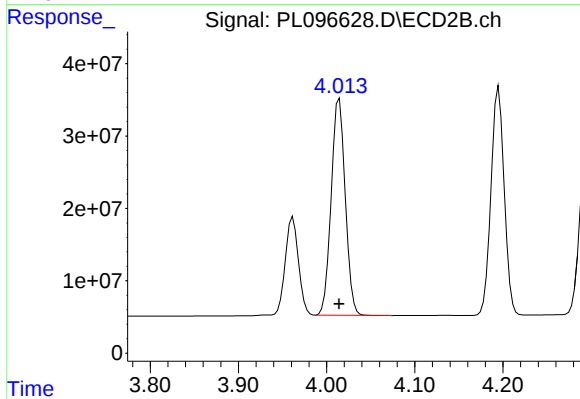
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 336549708
Conc: 50.97 ng/ml



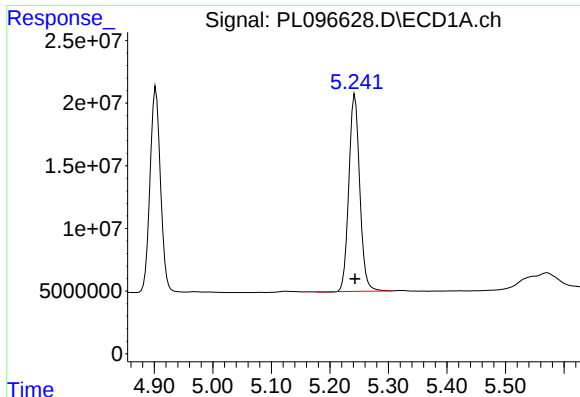
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 202751445
Conc: 48.79 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 332323157
Conc: 49.88 ng/ml



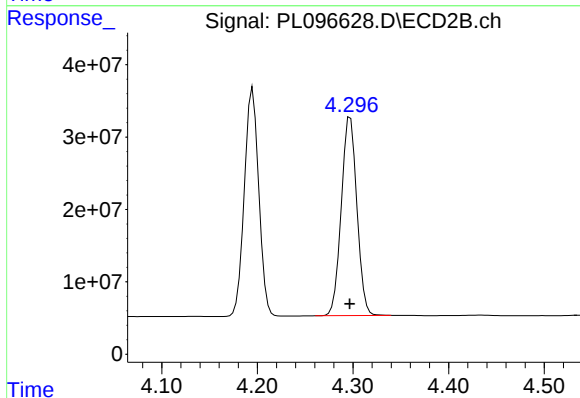
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 203630861
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

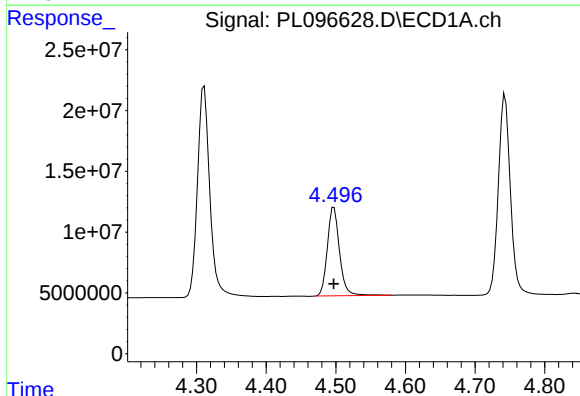
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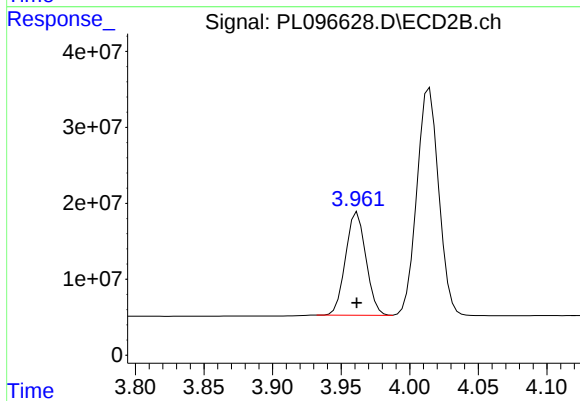
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 312420805
Conc: 50.33 ng/ml



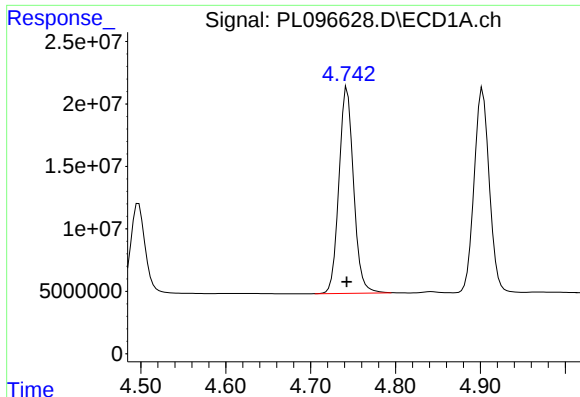
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 88406828
Conc: 48.98 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 140334025
Conc: 49.75 ng/ml



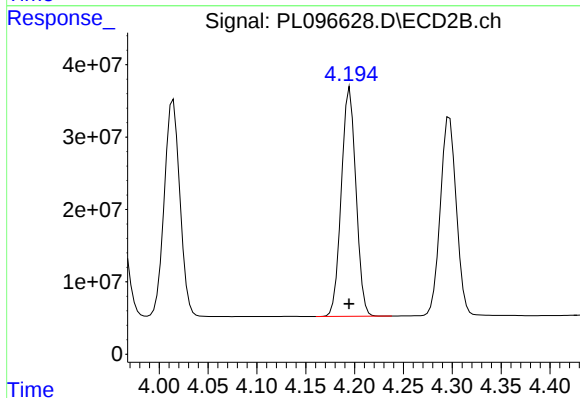
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 197974039
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

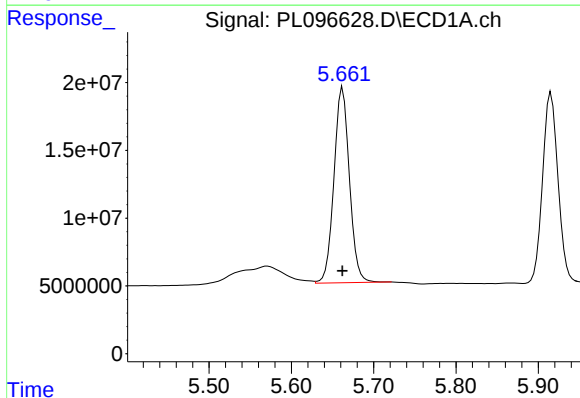
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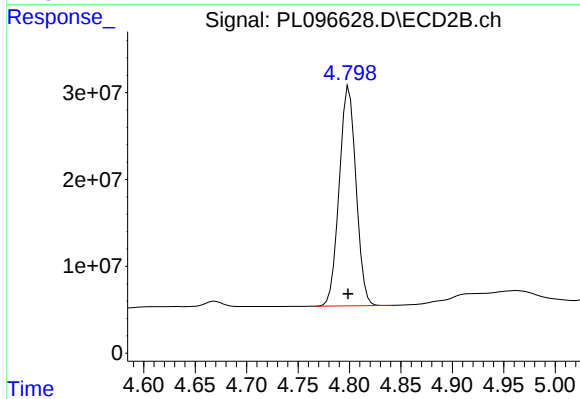
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 329510070
Conc: 50.90 ng/ml



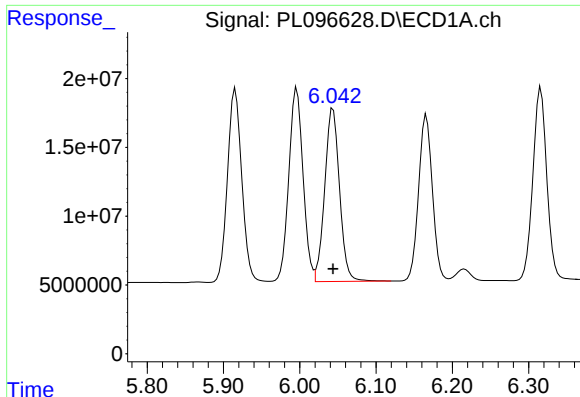
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 188162420
Conc: 48.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 287354173
Conc: 50.31 ng/ml



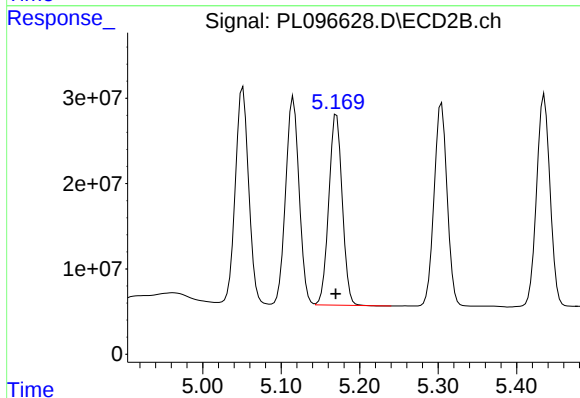
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 170262474
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

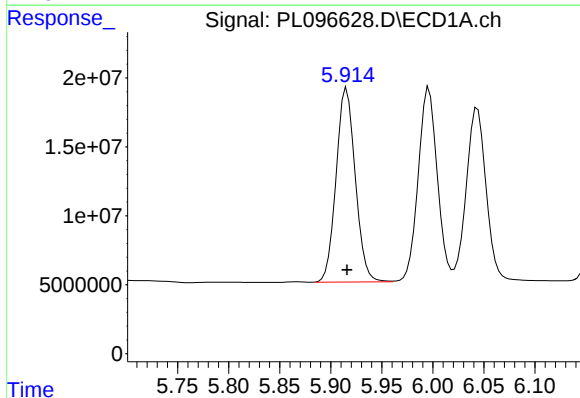
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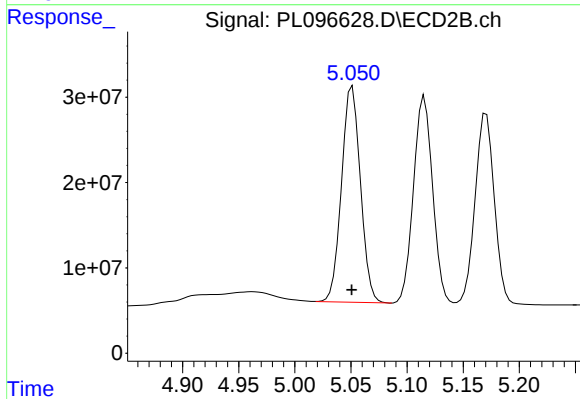
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.001 min
Response: 265248191
Conc: 47.95 ng/ml



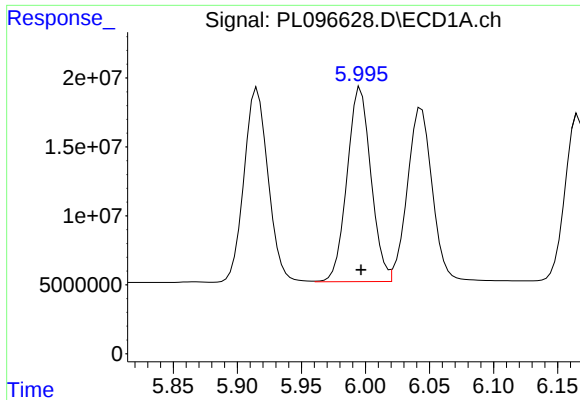
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 183892984
Conc: 48.33 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 297013025
Conc: 50.51 ng/ml



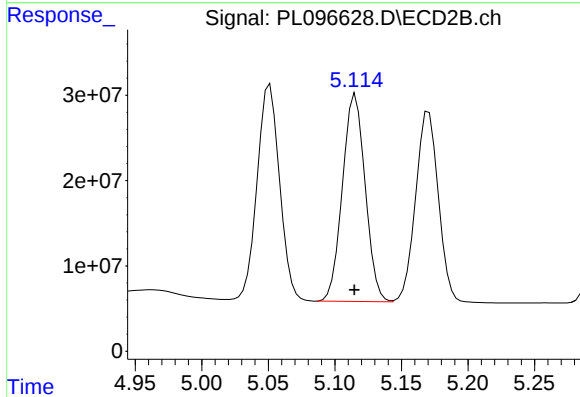
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 182860161
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

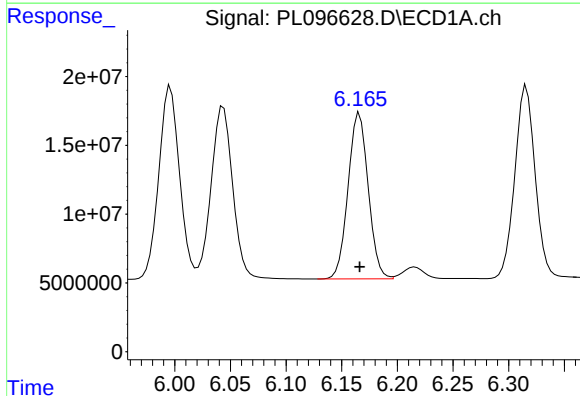
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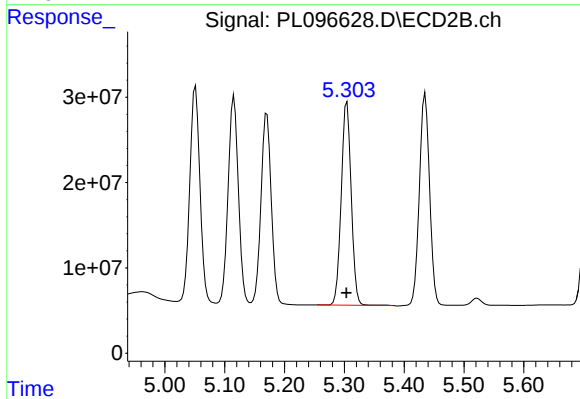
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 288820812
Conc: 48.96 ng/ml



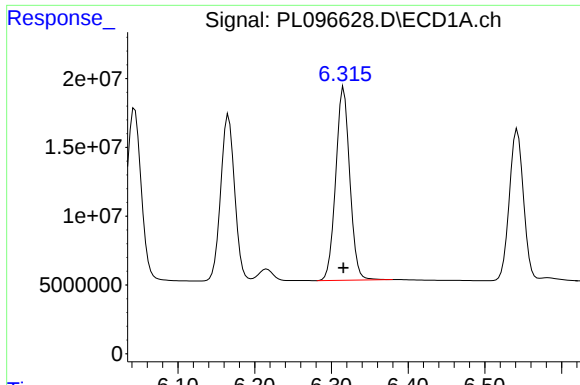
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 152080845
Conc: 47.36 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 276637935
Conc: 50.17 ng/ml



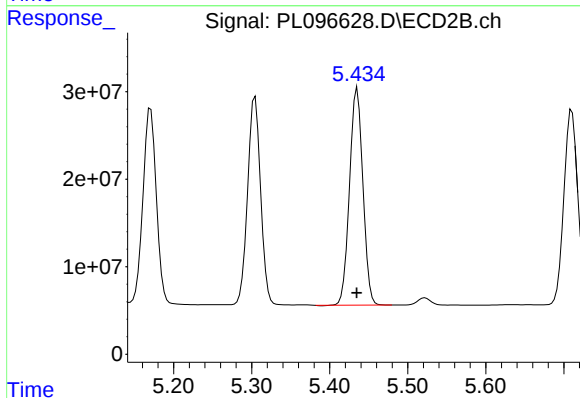
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 178536701
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

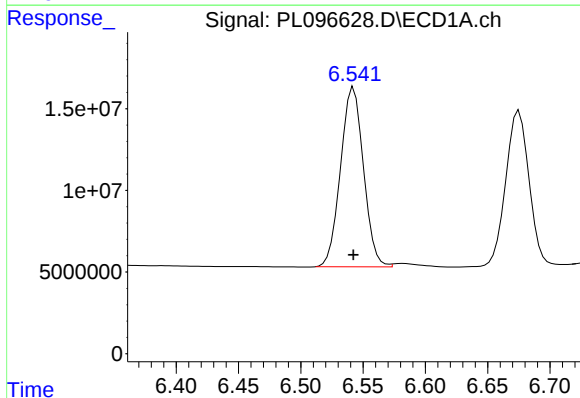
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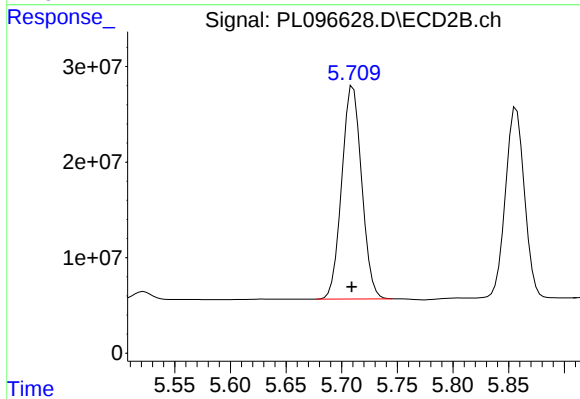
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 294528570
Conc: 49.86 ng/ml



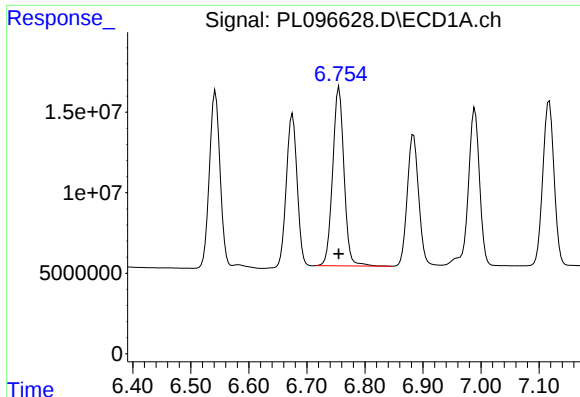
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 141494323
Conc: 46.75 ng/ml



#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.001 min
Response: 278125532
Conc: 51.45 ng/ml



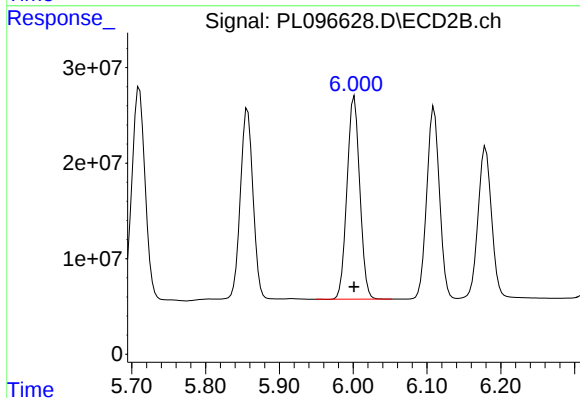
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 151240097
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

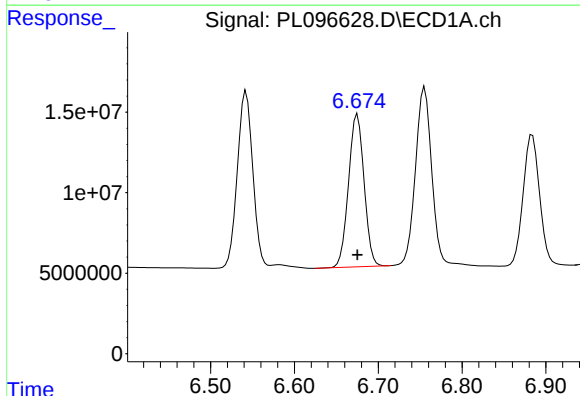
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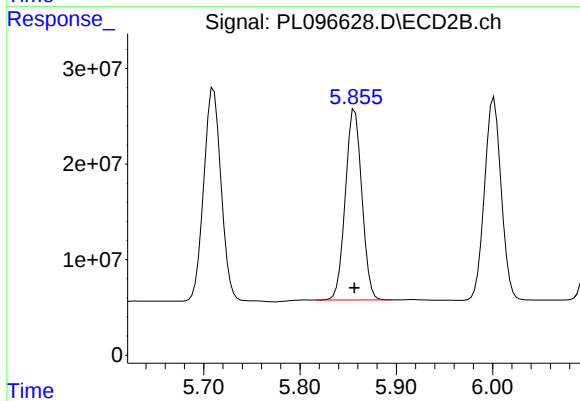
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 255627033
Conc: 49.77 ng/ml



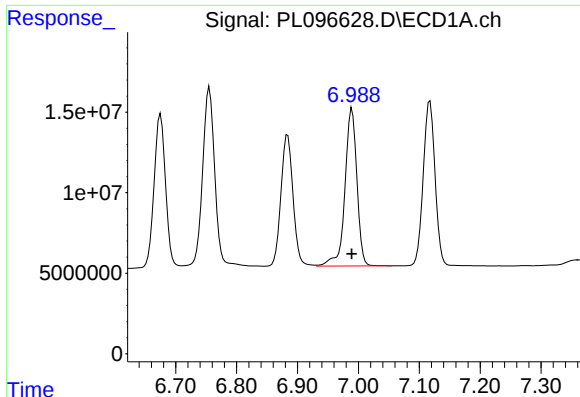
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 122632267
Conc: 48.50 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 236628670
Conc: 50.29 ng/ml



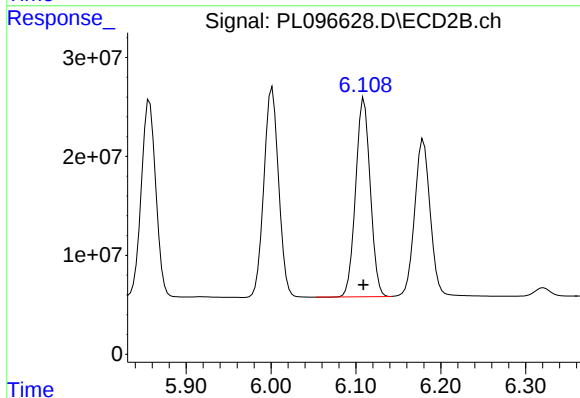
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 133398715
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

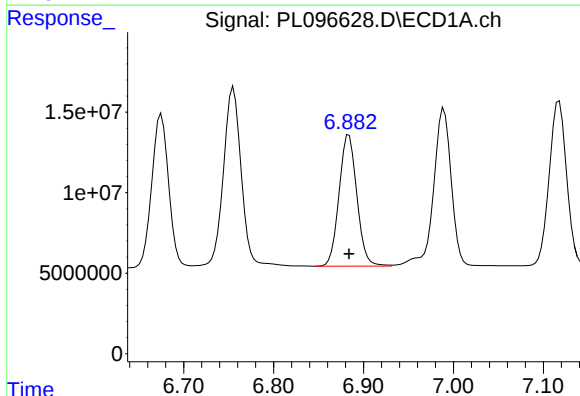
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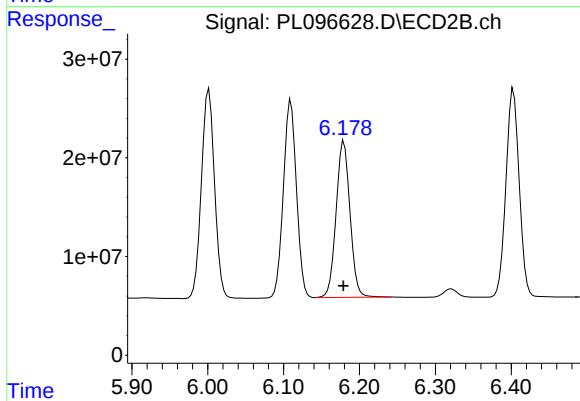
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 240344120
Conc: 47.51 ng/ml



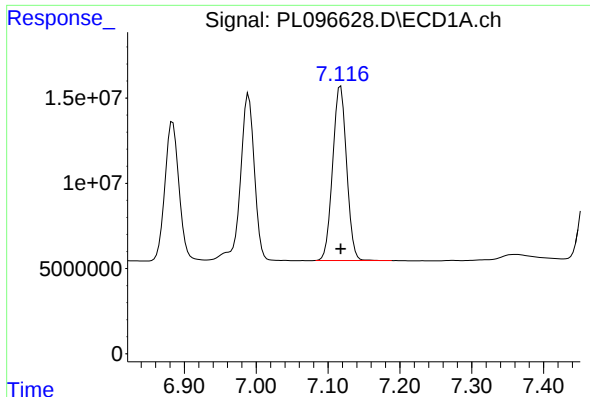
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 112132891
Conc: 52.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 202179337
Conc: 54.76 ng/ml



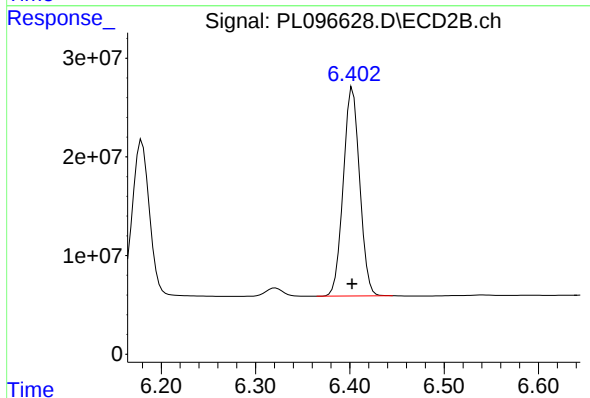
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 137742712
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

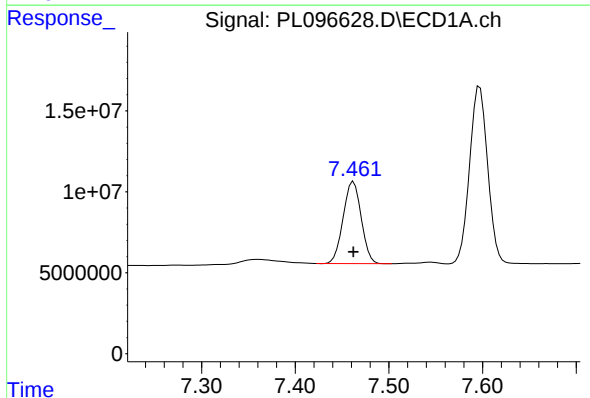
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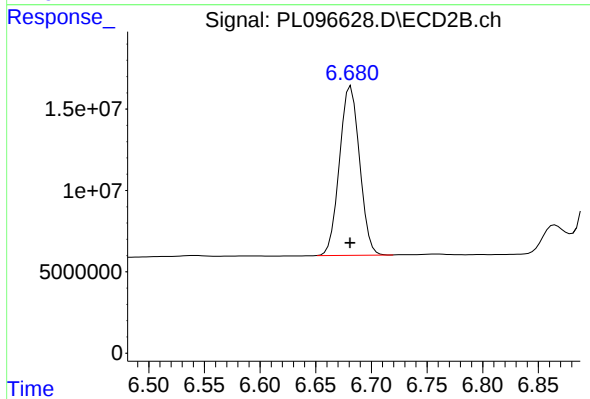
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 255805416
Conc: 50.29 ng/ml



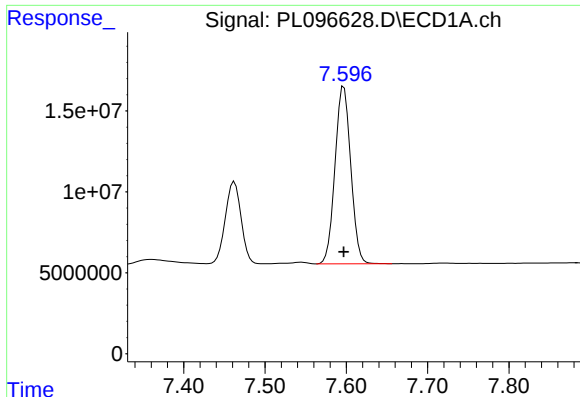
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 68031410
Conc: 46.33 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 130757936
Conc: 47.71 ng/ml



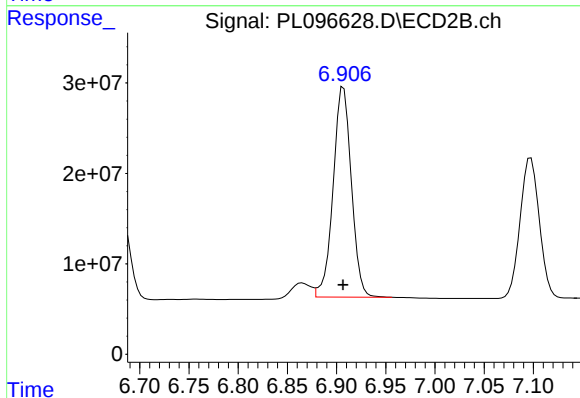
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 147624808
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

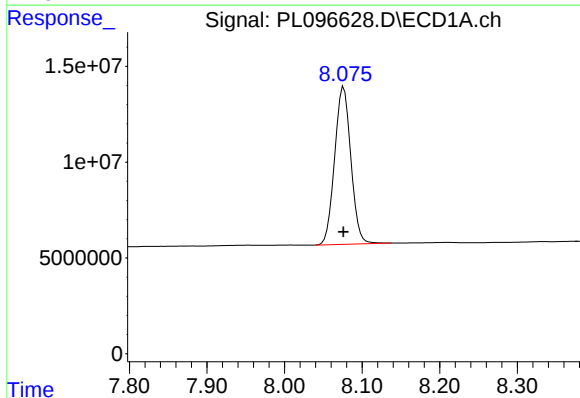
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



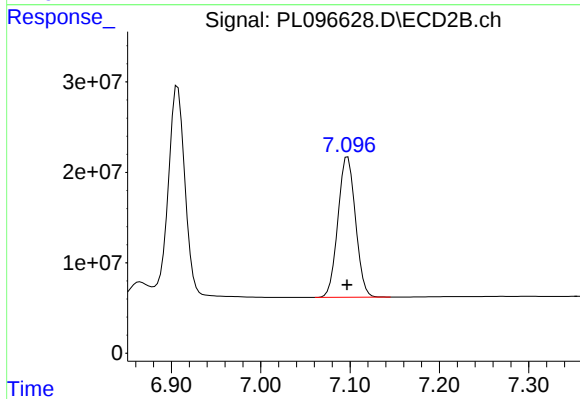
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 299048824
Conc: 53.69 ng/ml m



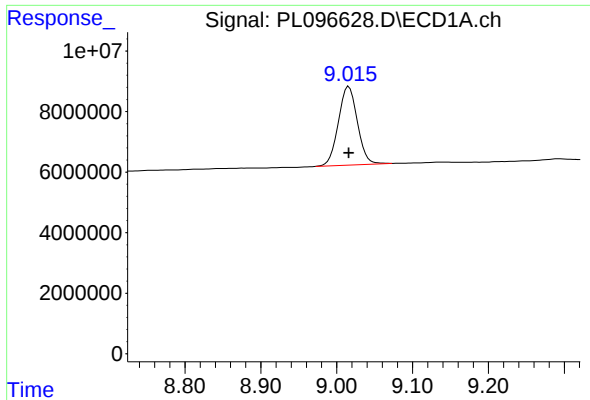
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 119533608
Conc: 48.21 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 211853488
Conc: 48.58 ng/ml



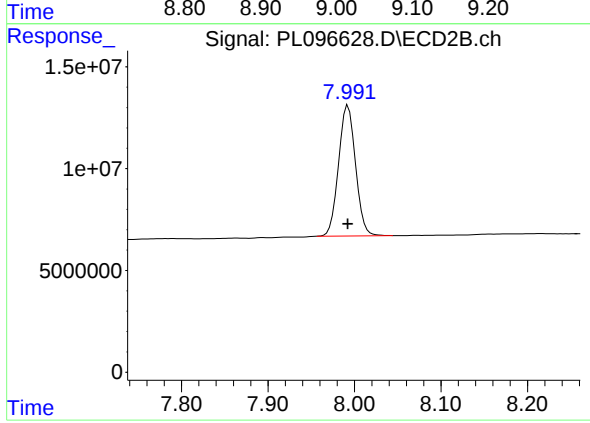
#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: 0.000 min
Response: 45199007
Conc: 18.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169038BS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/31/2025



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 86950264
Conc: 20.04 ng/ml