

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
 Data File : PL096623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 16:36
 Operator : AR\AJ
 Sample : Q2709-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 7211935-295MSD

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 01:51:50 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	2.827	37833625	54674631	11.894m	11.444
28)	SA Decachlor...	9.016	7.992	31968286	58391882	13.406	13.460
Target Compounds							
2)	A alpha-BHC	3.982	3.333	206.8E6	293.4E6	44.707	41.458
3)	MA gamma-BHC...	4.310	3.665	189.7E6	265.9E6	42.895	40.272
4)	MA Heptachlor	4.902	4.014	178.9E6	261.3E6	43.041	39.230
5)	MB Aldrin	5.243	4.296	178.7E6	241.8E6	41.539	38.949
6)	B beta-BHC	4.497	3.961	78695535	109.1E6	43.599	38.660
7)	B delta-BHC	4.741	4.194	173.9E6	253.7E6	43.580m	39.186
8)	B Heptachlo...	5.662	4.799	169.3E6	225.3E6	43.902	39.440
9)	A Endosulfan I	6.044	5.170	158.0E6	215.0E6	43.932	38.876
10)	B gamma-Chl...	5.915	5.051	168.0E6	234.7E6	44.161	39.917
11)	B alpha-Chl...	5.996	5.115	167.7E6	228.8E6	43.504	38.788
12)	B 4,4'-DDE	6.166	5.303	139.8E6	220.6E6	43.526	40.004
13)	MA Dieldrin	6.316	5.434	164.3E6	239.7E6	44.274	40.587
14)	MA Endrin	6.542	5.709	137.7E6	231.8E6	45.507	42.887
15)	B Endosulfa...	6.755	6.000	143.3E6	223.4E6	44.757	43.501
16)	A 4,4'-DDD	6.675	5.856	114.8E6	195.9E6	45.402	41.644
17)	MA 4,4'-DDT	6.989	6.108	134.4E6	216.8E6	46.862	42.854
18)	B Endrin al...	6.884	6.178	110.6E6	180.6E6	51.535	48.525
19)	B Endosulfa...	7.117	6.402	135.2E6	231.8E6	47.036	45.577
20)	A Methoxychlor	7.461	6.681	71901563	125.0E6	48.967	45.623
21)	B Endrin ke...	7.597	6.907	145.0E6	258.4E6	48.231	46.387
22)	Mirex	8.077	7.097	123.9E6	202.9E6	49.991	46.517

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

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Data File : PL096623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 16:36
Operator : AR\AJ
Sample : Q2709-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

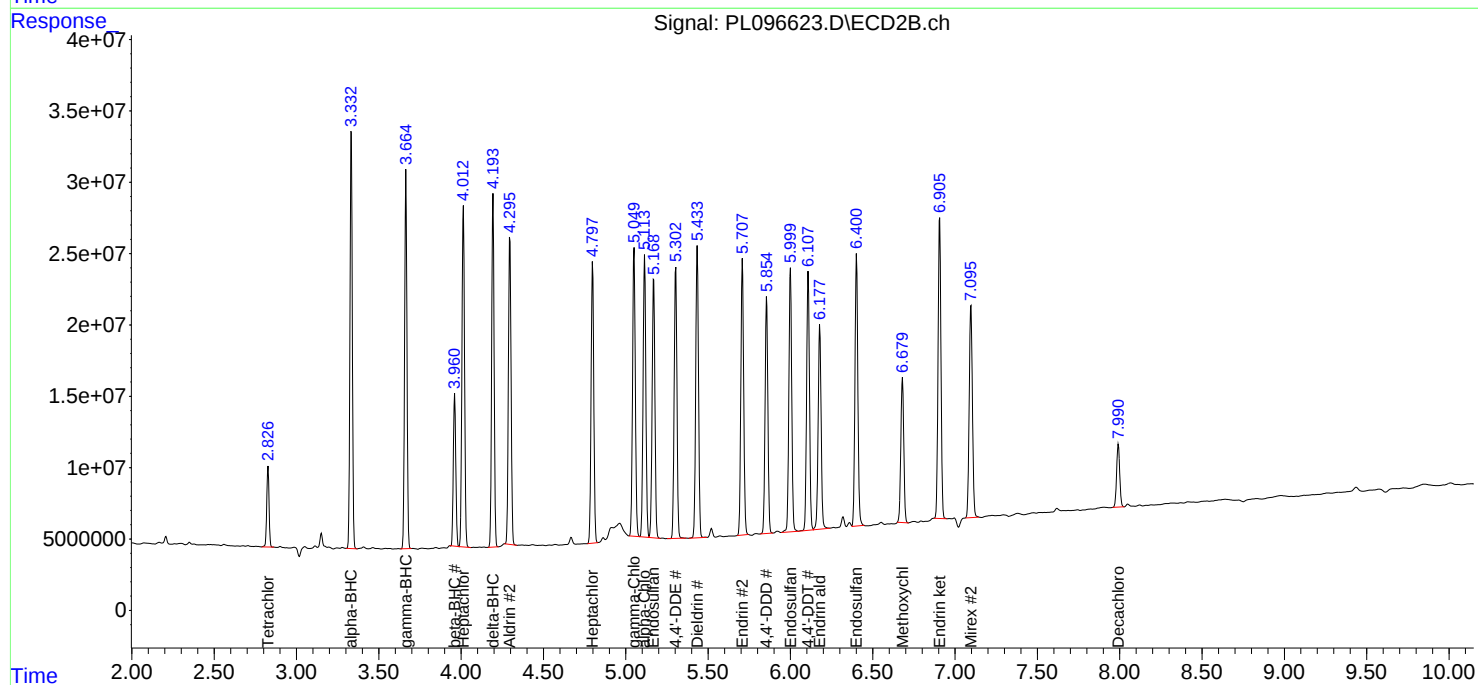
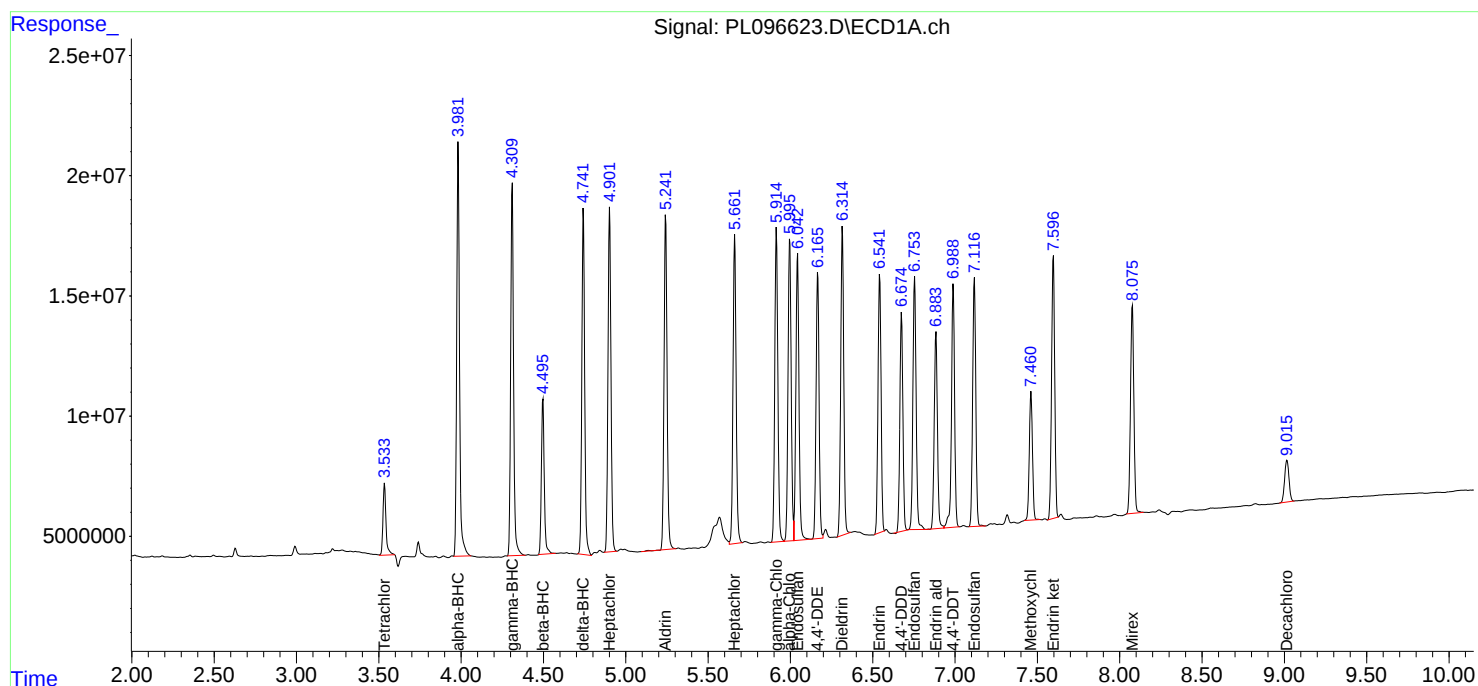
Instrument :
ECD_L
ClientSampleId :
7211935-295MSD

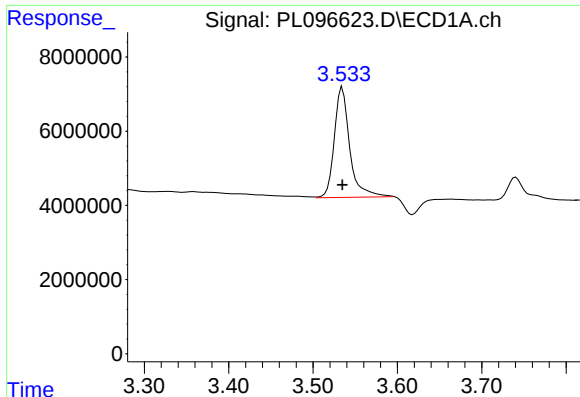
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:51:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





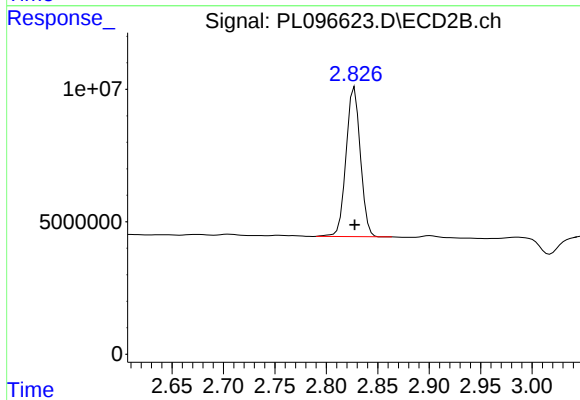
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.002 min
Response: 37833625
Conc: 11.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MSD

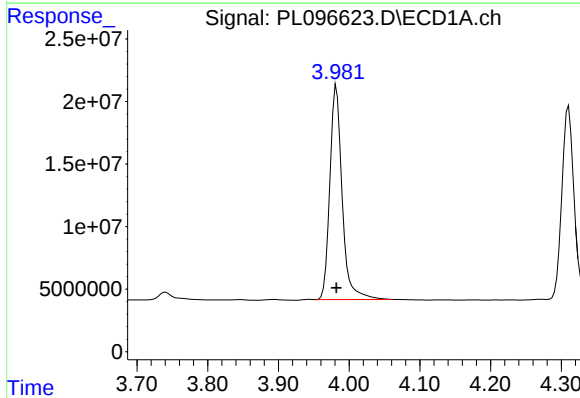
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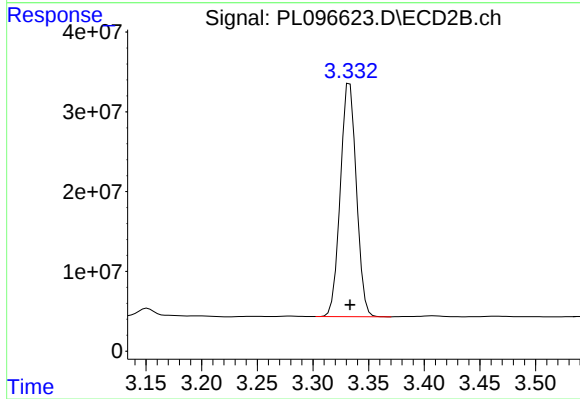
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 54674631
Conc: 11.44 ng/ml



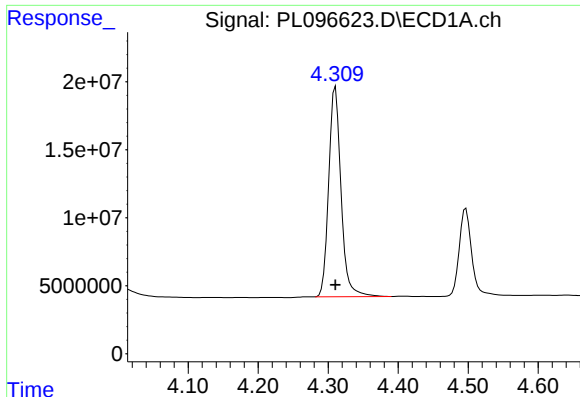
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 206828847
Conc: 44.71 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 293401726
Conc: 41.46 ng/ml



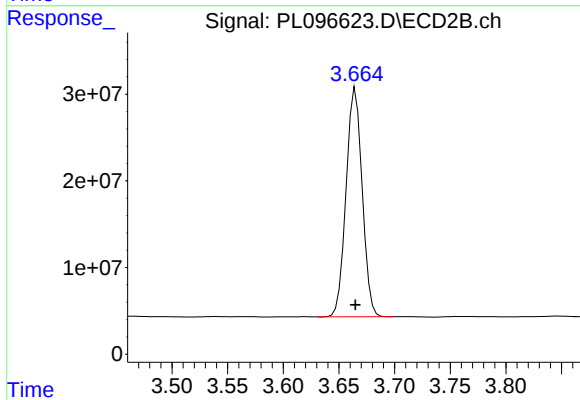
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 189742294
Conc: 42.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
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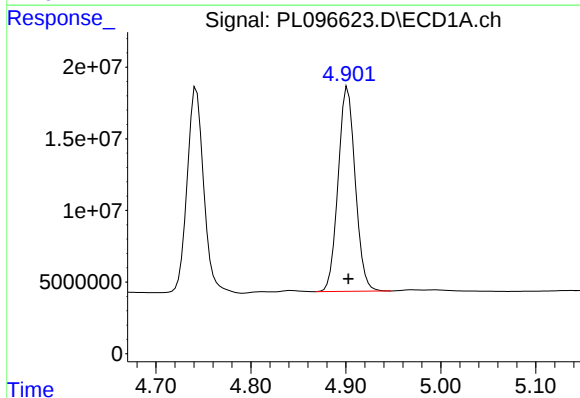
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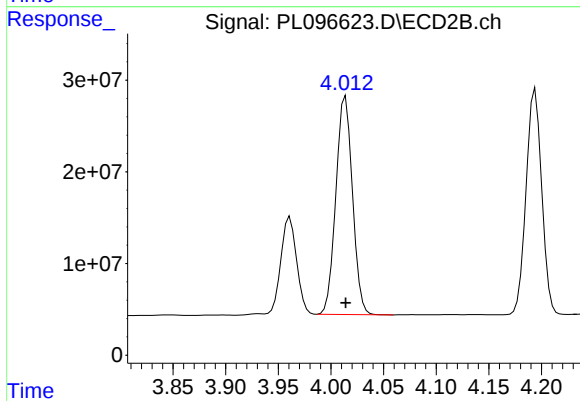
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 265931131
Conc: 40.27 ng/ml



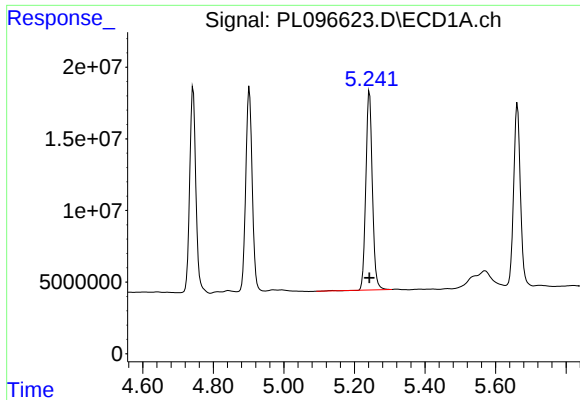
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 178863258
Conc: 43.04 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 261349621
Conc: 39.23 ng/ml



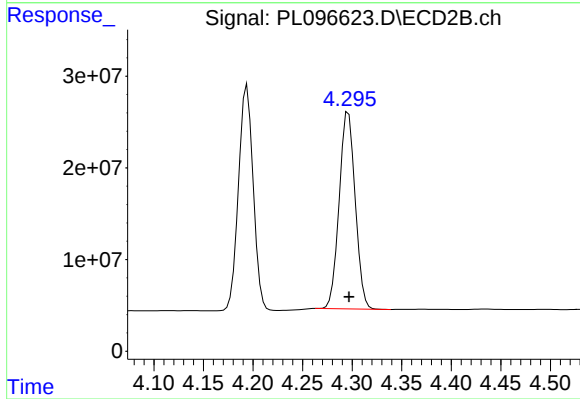
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 178658226
Conc: 41.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MSD

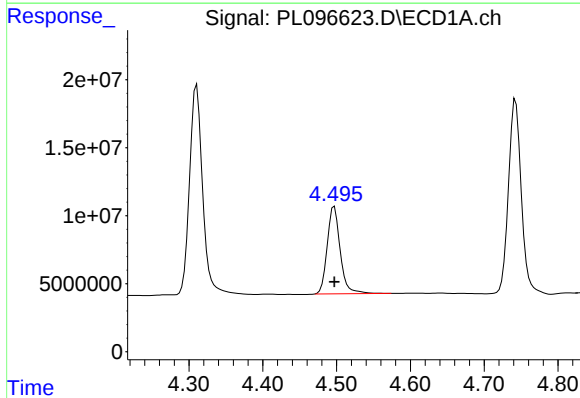
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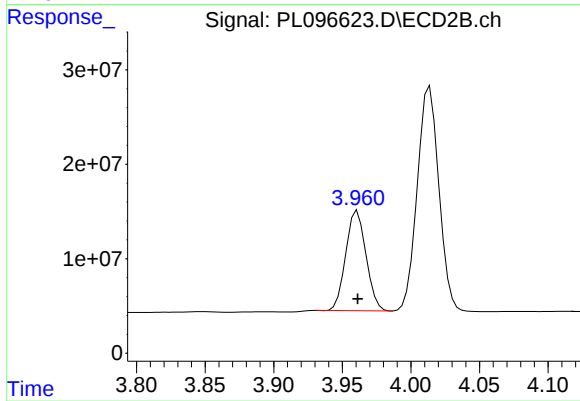
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 241756045
Conc: 38.95 ng/ml



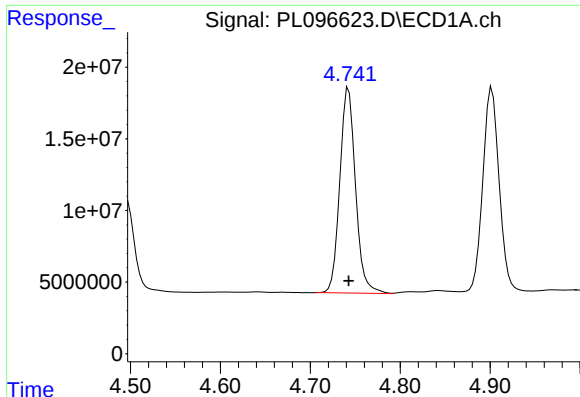
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 78695535
Conc: 43.60 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 109056607
Conc: 38.66 ng/ml



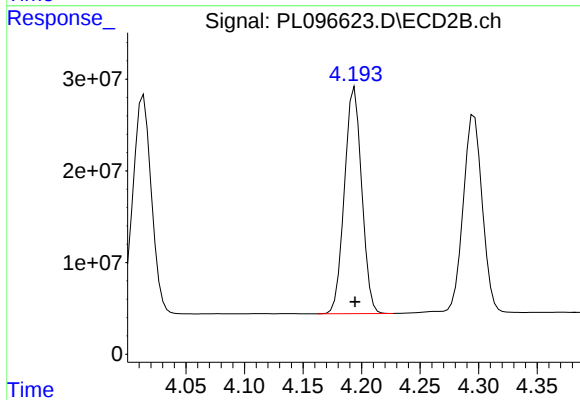
#7 delta-BHC

R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 173879225
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MSD

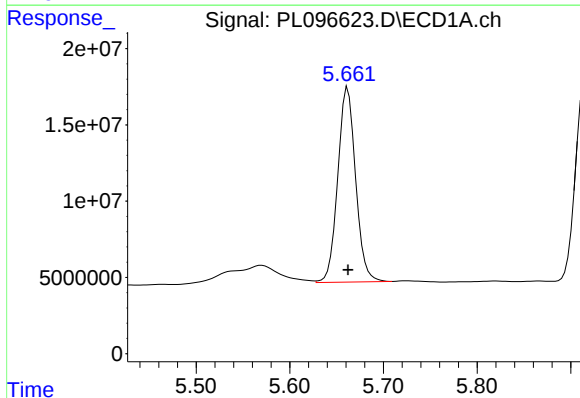
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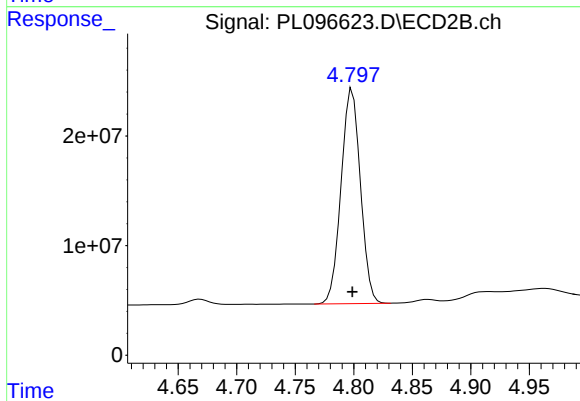
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 253674480
Conc: 39.19 ng/ml



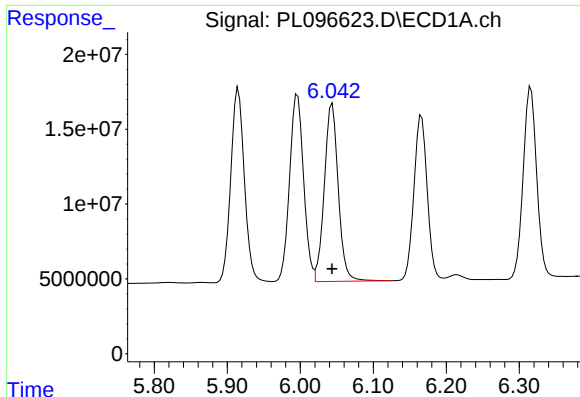
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 169308196
Conc: 43.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 225254387
Conc: 39.44 ng/ml



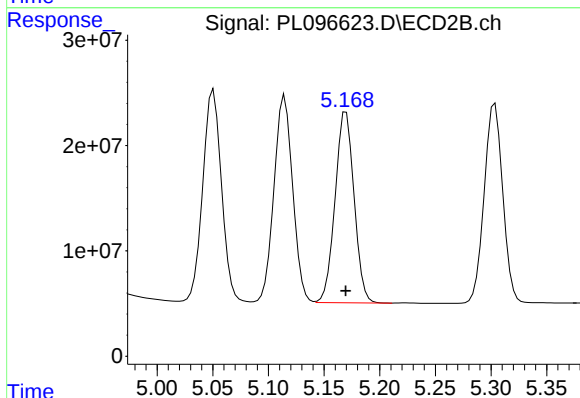
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 157994112
Conc: 43.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MSD

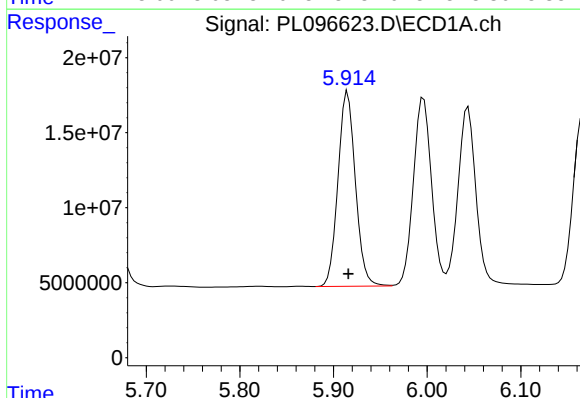
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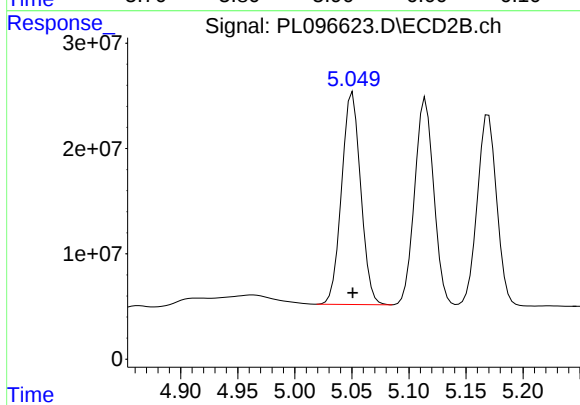
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 215038932
Conc: 38.88 ng/ml



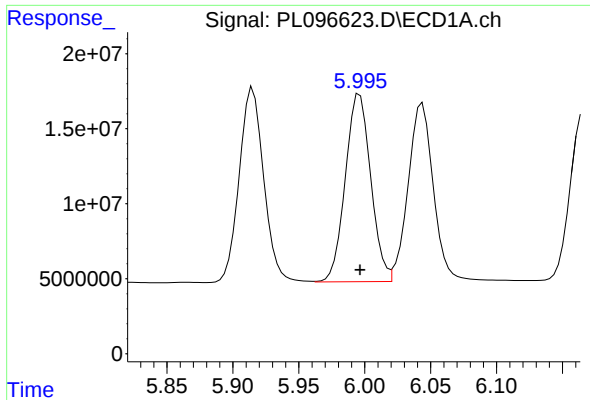
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 168044763
Conc: 44.16 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 234718827
Conc: 39.92 ng/ml



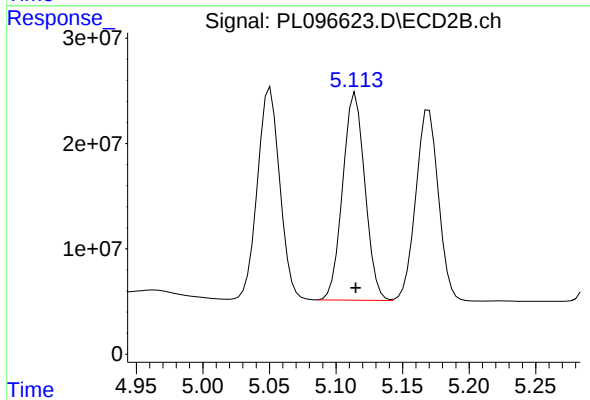
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 167691965
Conc: 43.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MSD

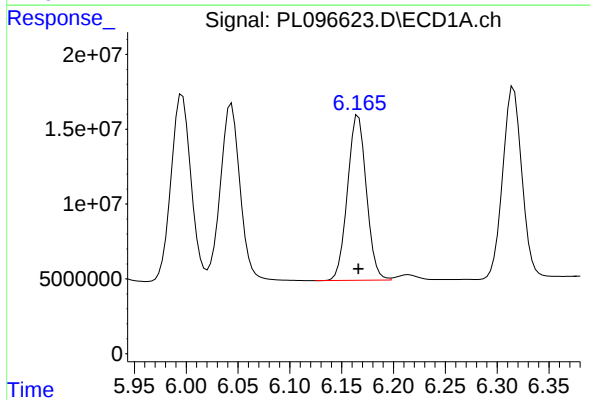
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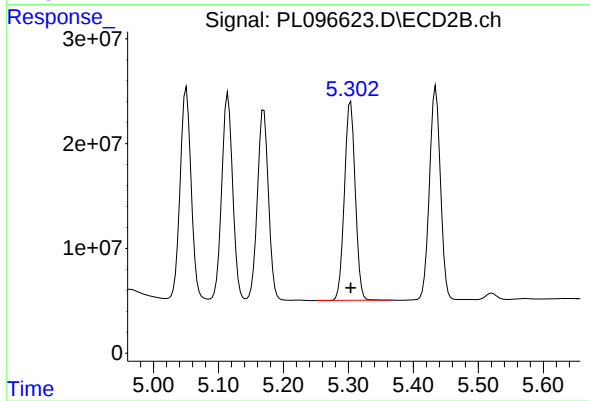
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 228807518
Conc: 38.79 ng/ml



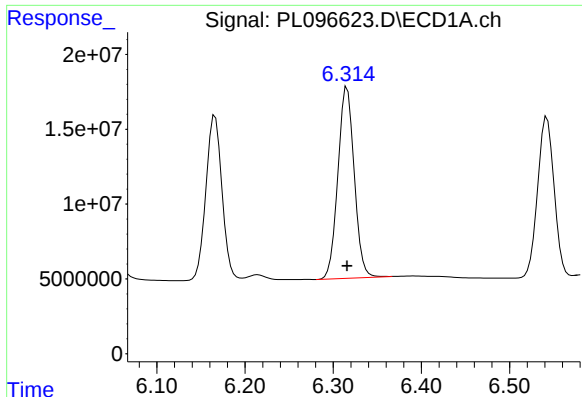
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 139771250
Conc: 43.53 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 220600649
Conc: 40.00 ng/ml



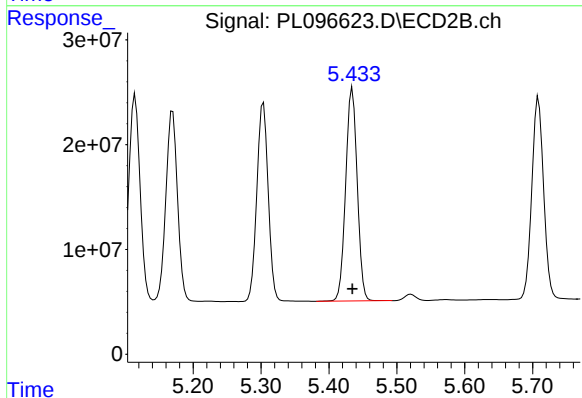
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 164309204
Conc: 44.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MSD

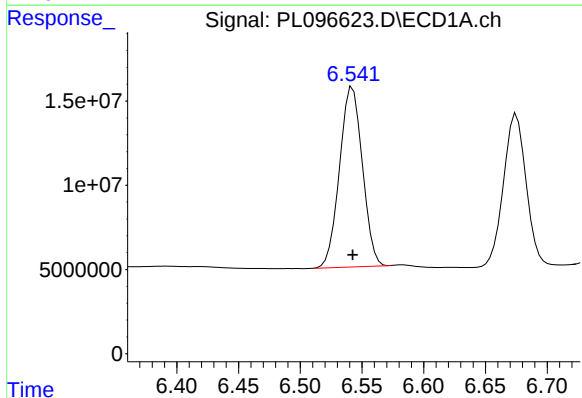
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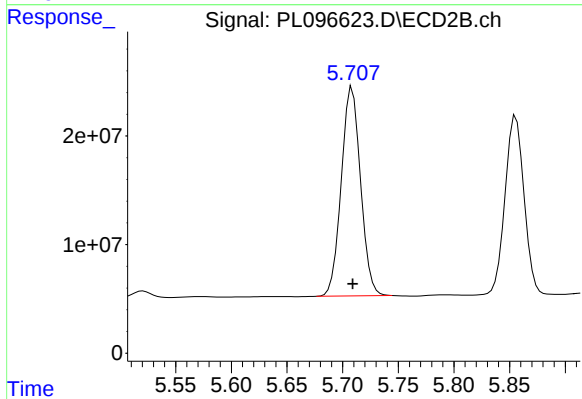
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 239727399
Conc: 40.59 ng/ml



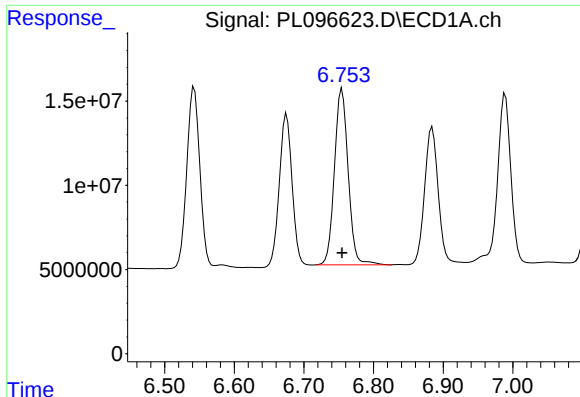
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 137738833
Conc: 45.51 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 231843071
Conc: 42.89 ng/ml



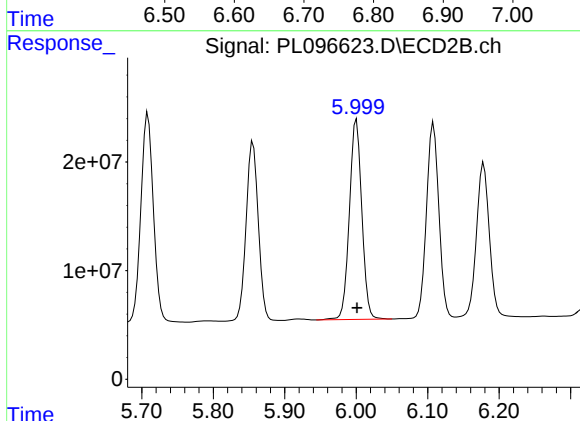
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 143341690
Conc: 44.76 ng/ml

Instrument :
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ClientSampleId :
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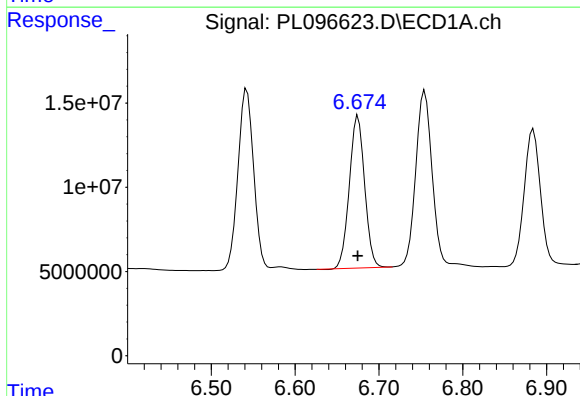
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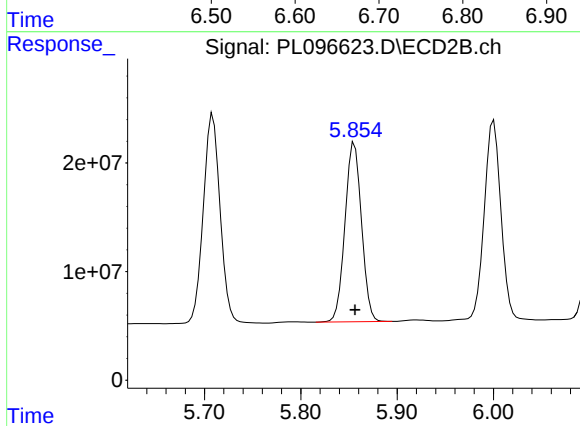
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 223432080
Conc: 43.50 ng/ml



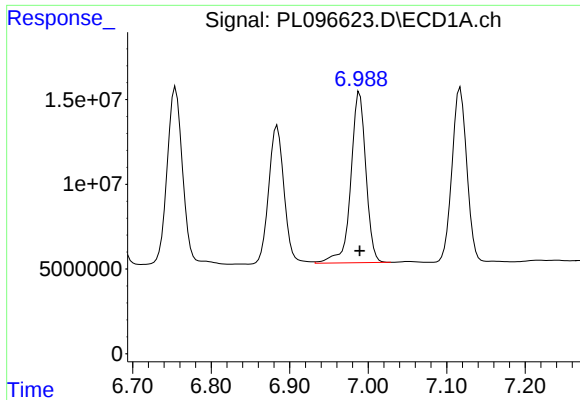
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 114793947
Conc: 45.40 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 195947310
Conc: 41.64 ng/ml



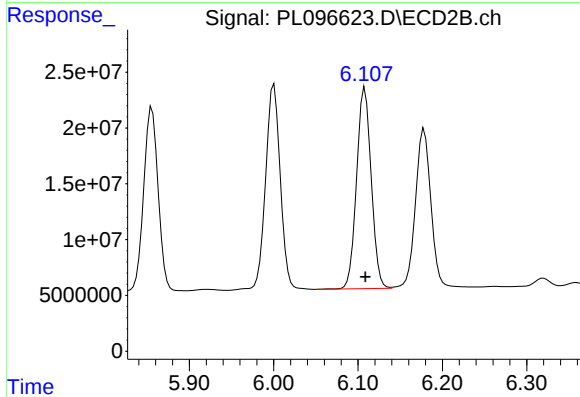
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 134386100
Conc: 46.86 ng/ml

Instrument :
ECD_L
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7211935-295MSD

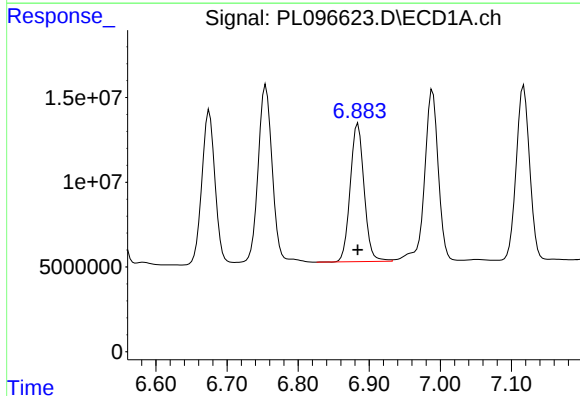
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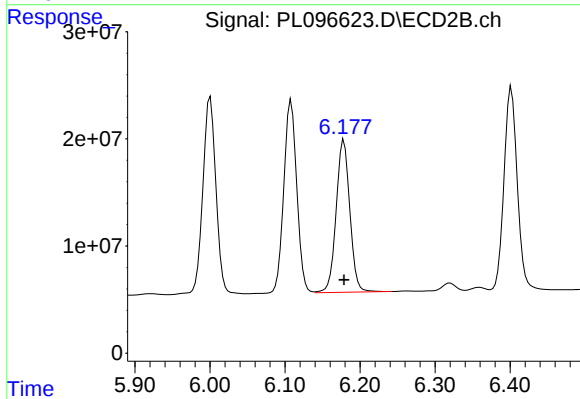
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 216766108
Conc: 42.85 ng/ml



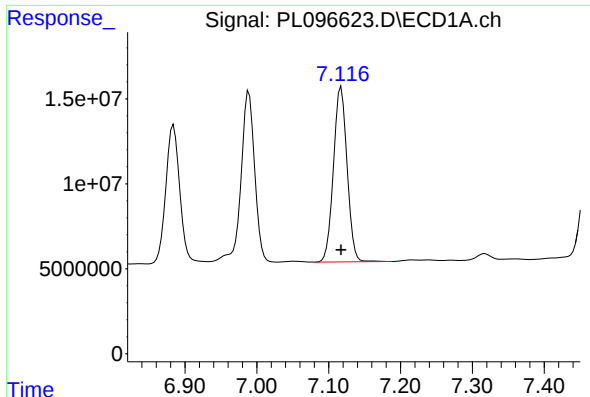
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 110588871
Conc: 51.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 180564409
Conc: 48.53 ng/ml



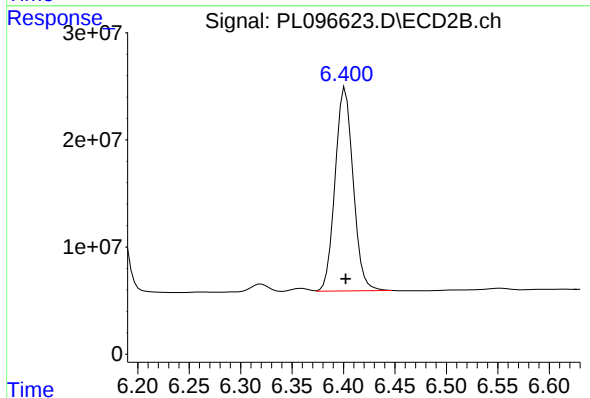
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 135166540
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
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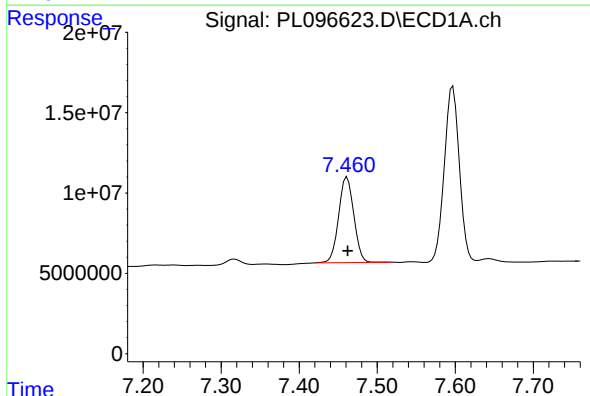
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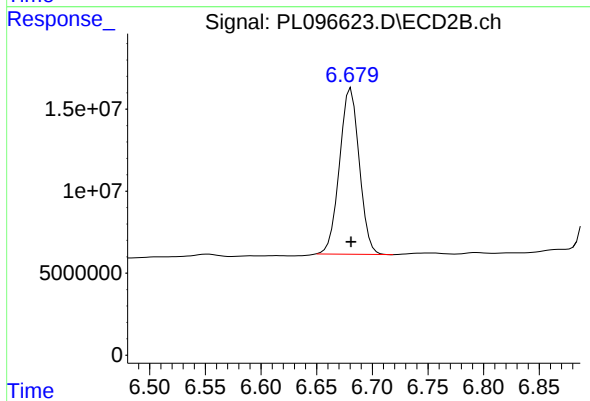
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 231813740
Conc: 45.58 ng/ml



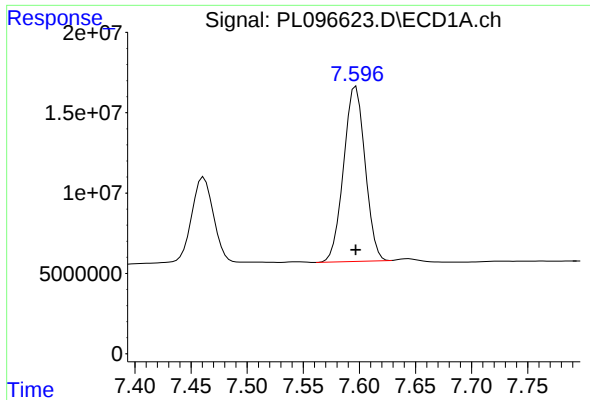
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 71901563
Conc: 48.97 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 125030146
Conc: 45.62 ng/ml



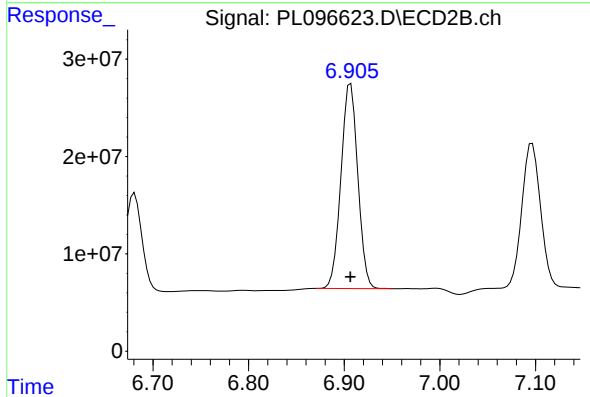
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 145017914
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MSD

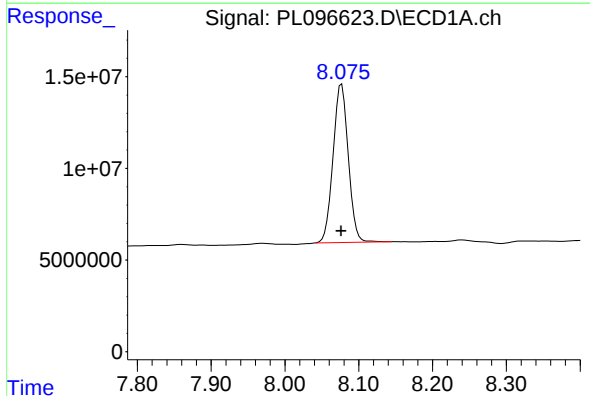
Manual Integrations
APPROVED

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



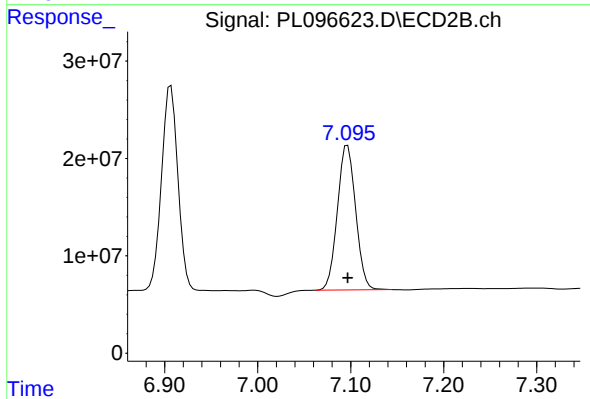
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 258364347
Conc: 46.39 ng/ml



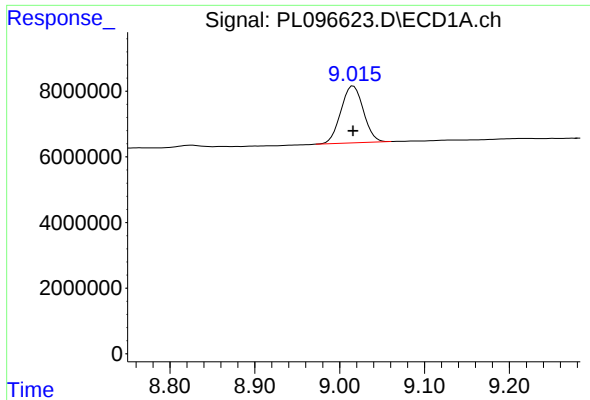
#22 Mirex

R.T.: 8.077 min
Delta R.T.: 0.001 min
Response: 123944839
Conc: 49.99 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 202856476
Conc: 46.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: 0.000 min
Response: 31968286
Conc: 13.41 ng/ml

Instrument :

ECD_L

ClientSampleId :

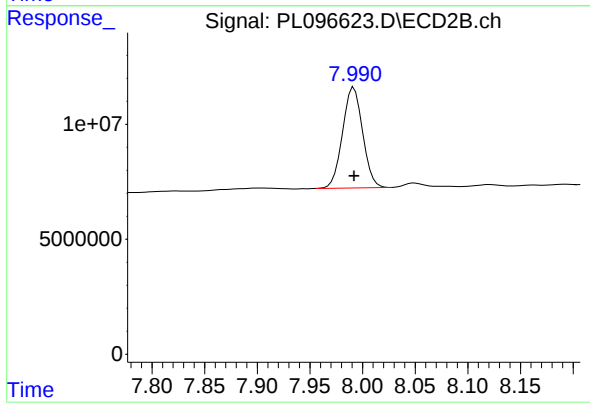
7211935-295MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/30/2025

Supervised By :mohammad ahmed 07/31/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 58391882
Conc: 13.46 ng/ml