

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
 Data File : PL096619.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 14:13
 Operator : AR\AJ
 Sample : PB169041BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169041BS

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 01:50:50 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...	3.534	2.825	57061657	91955767	17.939	19.247
28)	SA Decachlor...	9.018	7.993	44261488	89610562	18.561	20.656
Target Compounds							
2)	A alpha-BHC	3.982	3.331	225.2E6	367.3E6	48.682	51.903
3)	MA gamma-BHC...	4.310	3.664	212.9E6	342.0E6	48.121	51.785
4)	MA Heptachlor	4.903	4.012	205.3E6	340.0E6	49.397	51.030
5)	MB Aldrin	5.243	4.295	202.4E6	318.6E6	47.067	51.330
6)	B beta-BHC	4.497	3.960	87375349	142.6E6	48.408	50.538
7)	B delta-BHC	4.742	4.193	194.5E6	336.2E6	48.738m	51.941
8)	B Heptachlo...	5.662	4.798	184.4E6	291.4E6	47.823	51.024
9)	A Endosulfan I	6.044	5.169	173.3E6	273.5E6	48.190	49.449
10)	B gamma-Chl...	5.917	5.050	182.4E6	306.6E6	47.927	52.141
11)	B alpha-Chl...	5.997	5.114	182.4E6	296.6E6	47.332	50.286
12)	B 4,4'-DDE	6.167	5.303	153.5E6	283.8E6	47.793	51.470
13)	MA Dieldrin	6.317	5.434	177.2E6	303.4E6	47.755	51.368
14)	MA Endrin	6.543	5.708	140.7E6	269.8E6	46.482	49.911
15)	B Endosulfa...	6.756	6.000	144.8E6	265.0E6	45.205	51.602
16)	A 4,4'-DDD	6.676	5.855	119.6E6	244.1E6	47.295	51.868
17)	MA 4,4'-DDT	6.990	6.108	138.4E6	260.7E6	48.278	51.543
18)	B Endrin al...	6.885	6.179	111.6E6	215.1E6	52.004	58.475
19)	B Endosulfa...	7.118	6.402	139.8E6	268.7E6	48.662	52.828
20)	A Methoxychlor	7.463	6.681	69989258	140.0E6	47.665	51.075
21)	B Endrin ke...	7.598	6.907	148.5E6	286.9E6	49.383	51.512
22)	Mirex	8.078	7.097	119.8E6	223.4E6	48.310	51.219

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
Data File : PL096619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 14:13
Operator : AR\AJ
Sample : PB169041BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

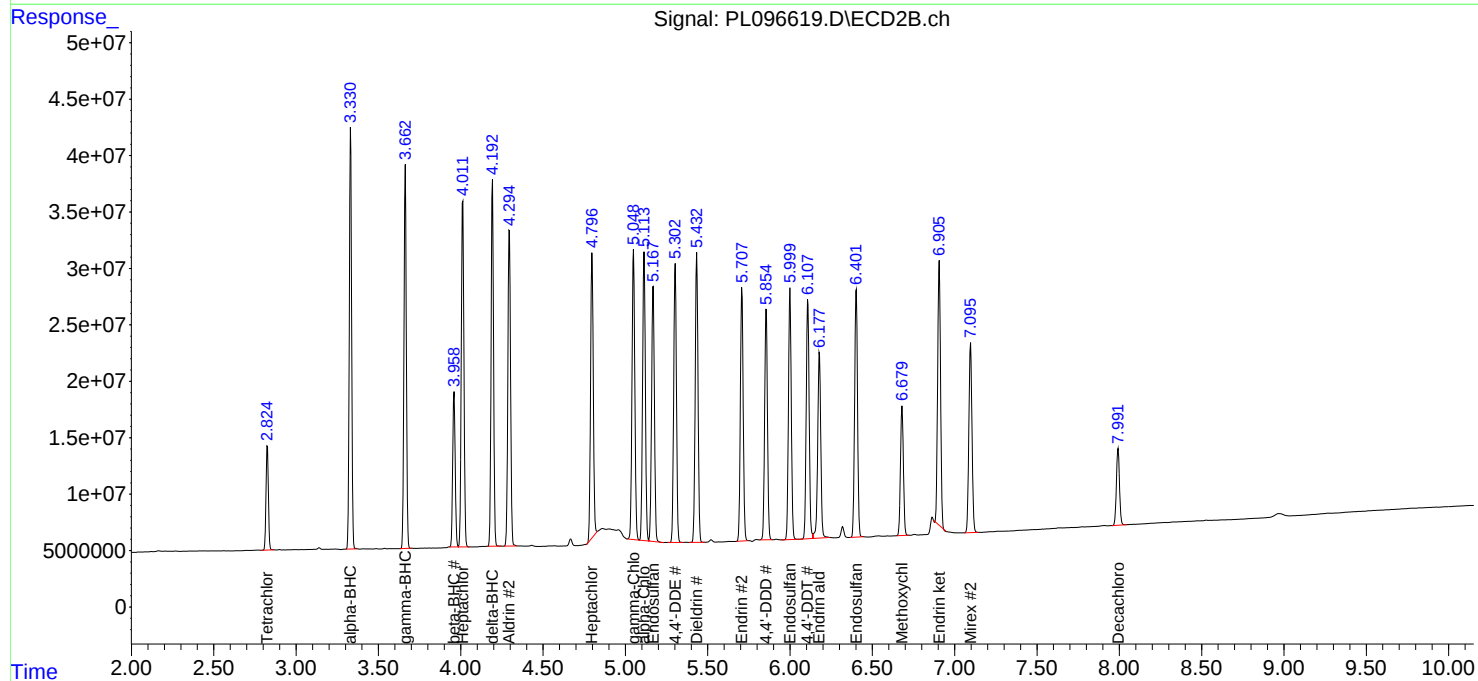
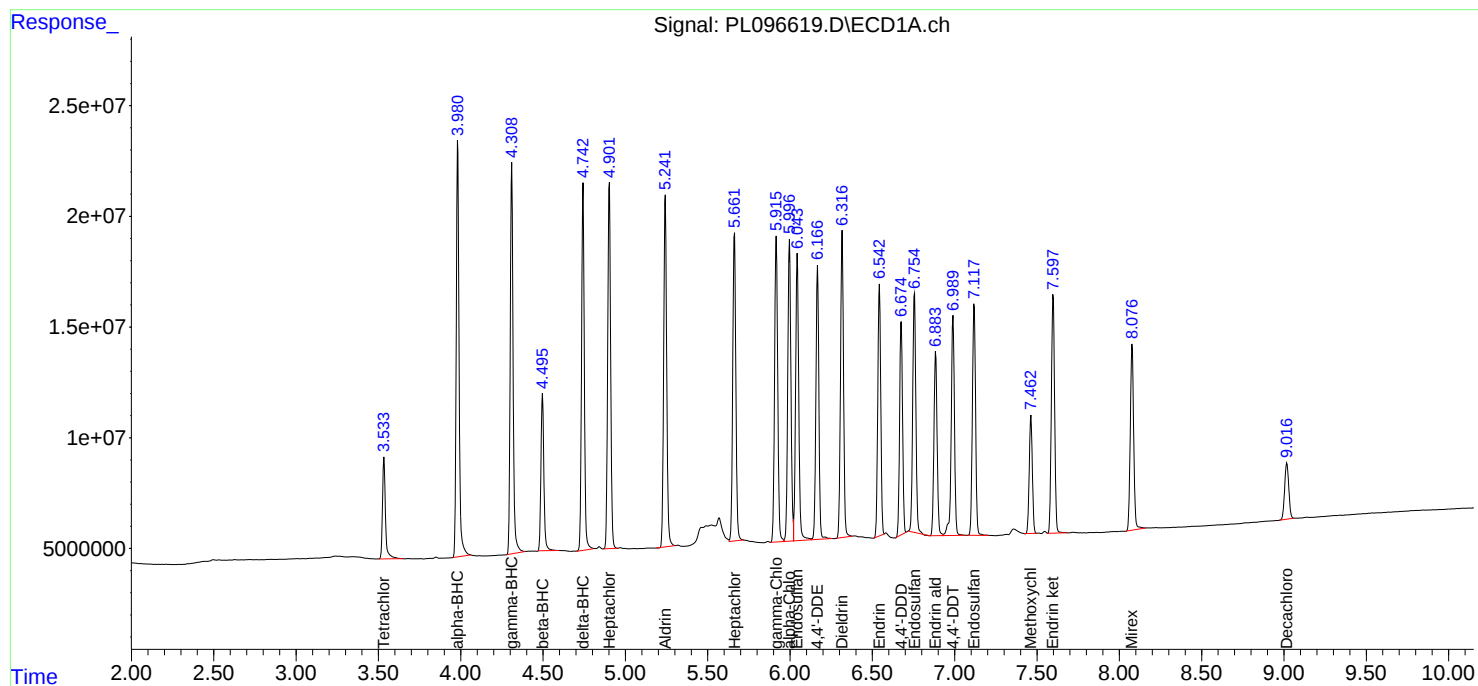
Instrument :
ECD_L
ClientSampleId :
PB169041BS

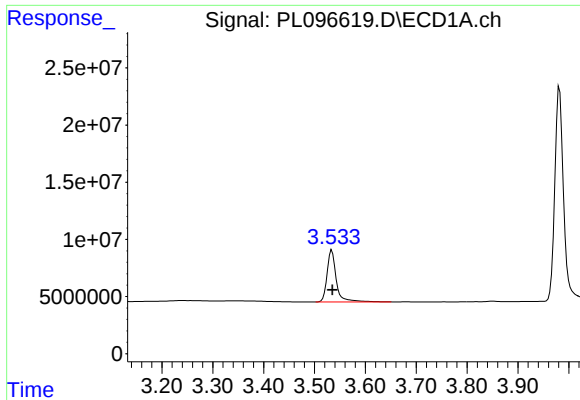
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:50:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13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





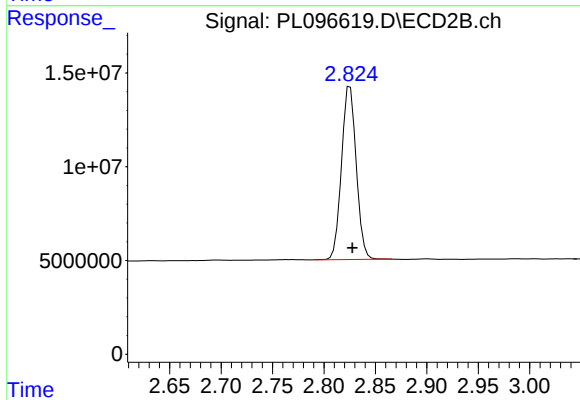
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.001 min
Response: 57061657
Conc: 17.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

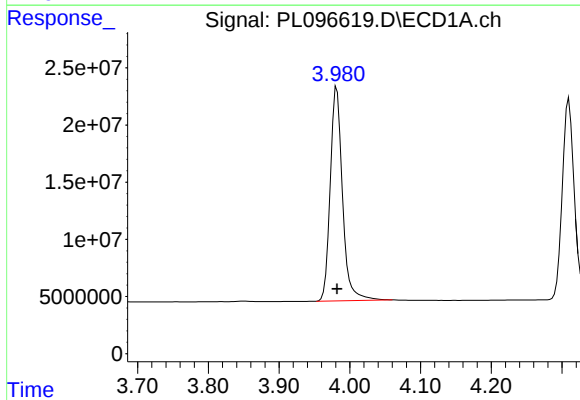
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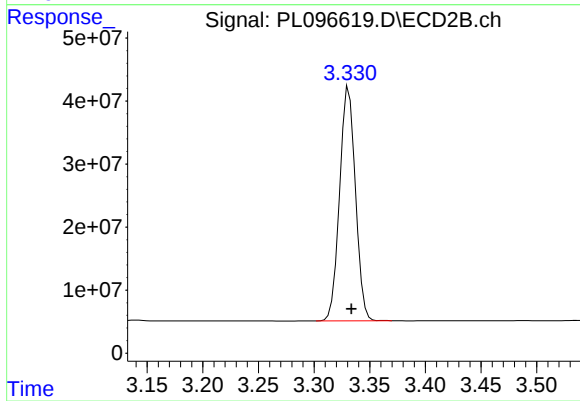
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.002 min
Response: 91955767
Conc: 19.25 ng/ml



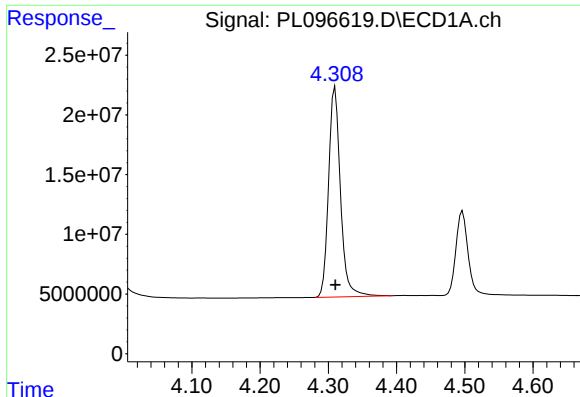
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 225219776
Conc: 48.68 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 367317688
Conc: 51.90 ng/ml



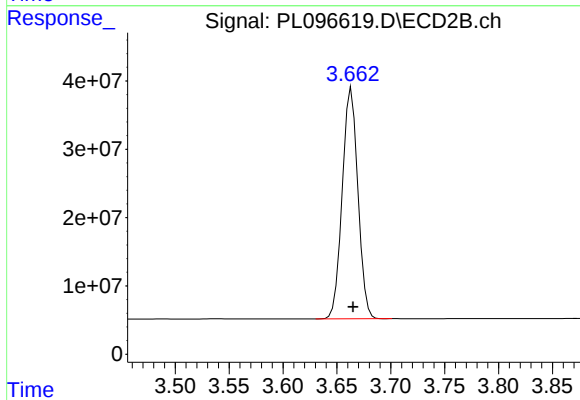
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 212858495
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

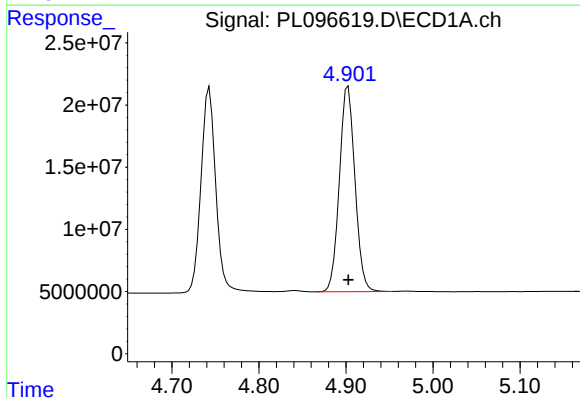
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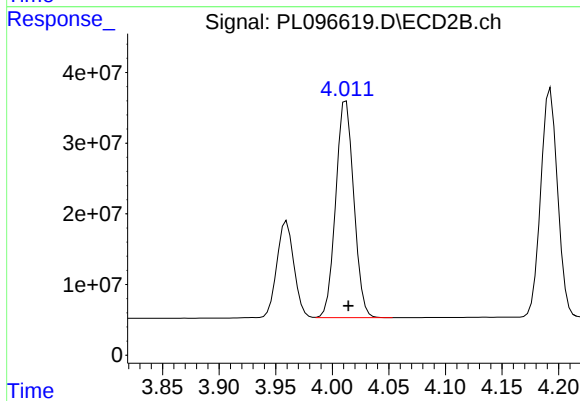
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.001 min
Response: 341954173
Conc: 51.78 ng/ml



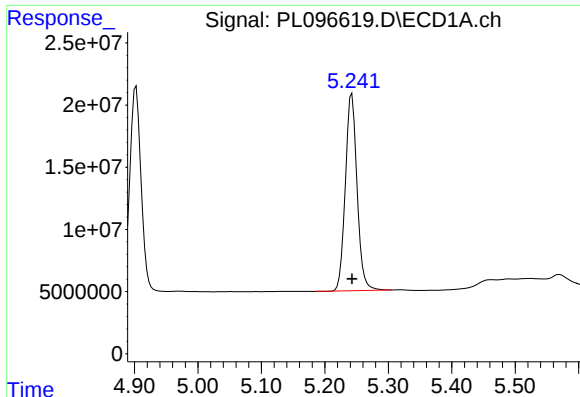
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 205280016
Conc: 49.40 ng/ml



#4 Heptachlor

R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 339959239
Conc: 51.03 ng/ml



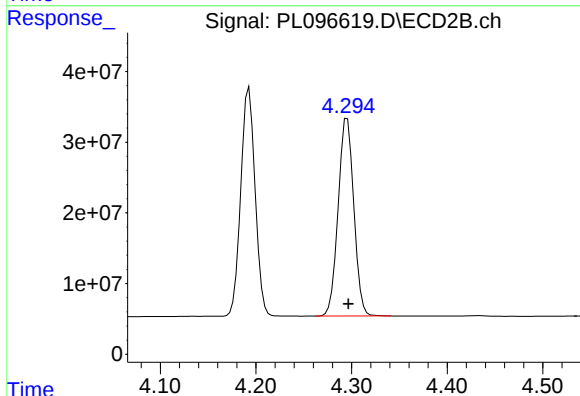
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 202435294
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

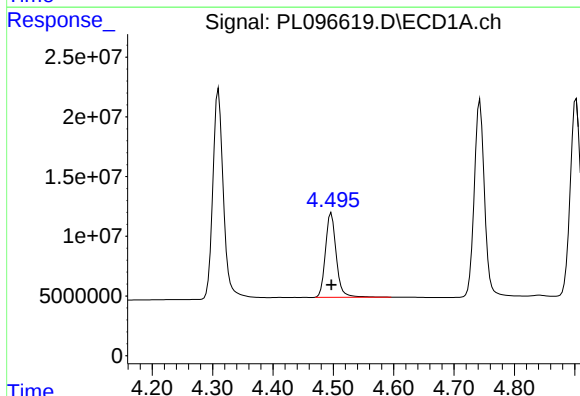
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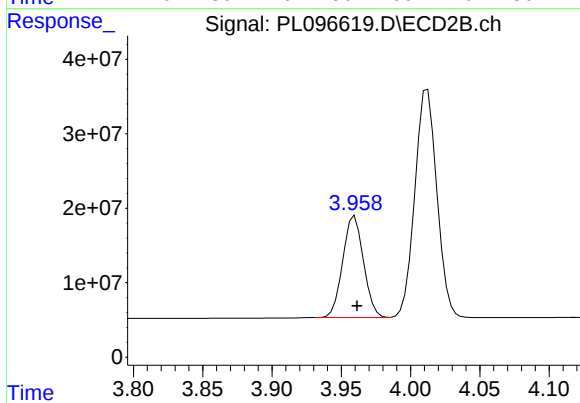
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 318608655
Conc: 51.33 ng/ml



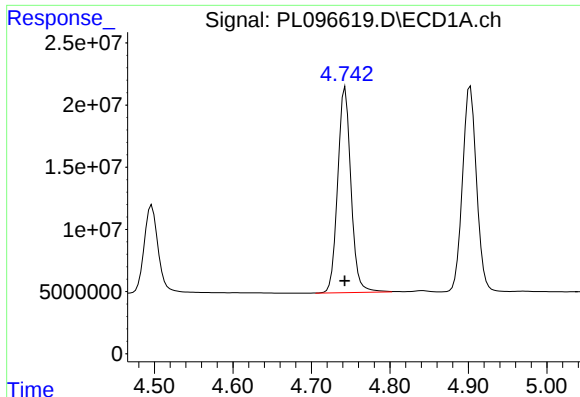
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 87375349
Conc: 48.41 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 142561189
Conc: 50.54 ng/ml



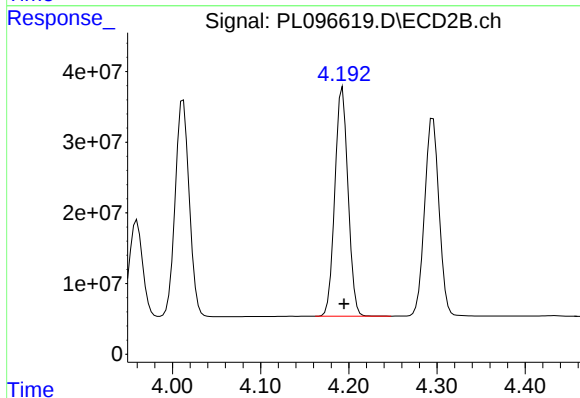
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 194458770
Conc: 48.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

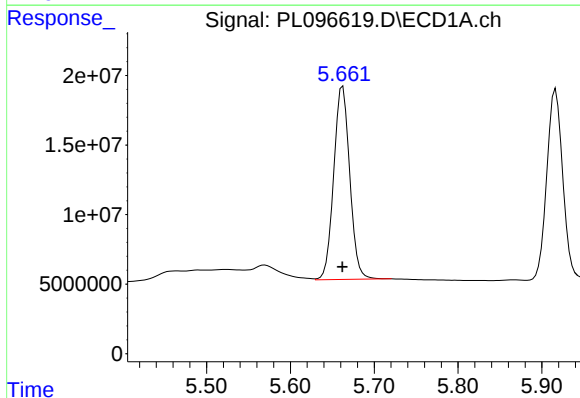
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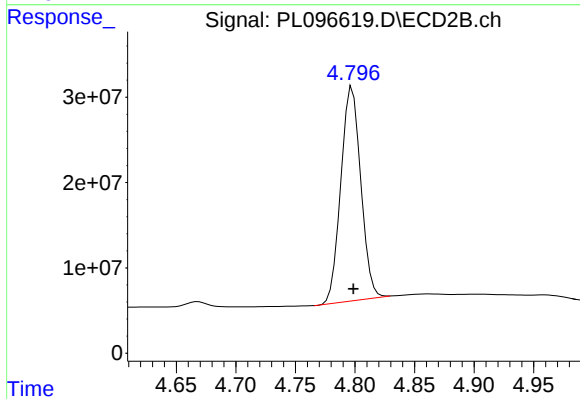
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.002 min
Response: 336247766
Conc: 51.94 ng/ml



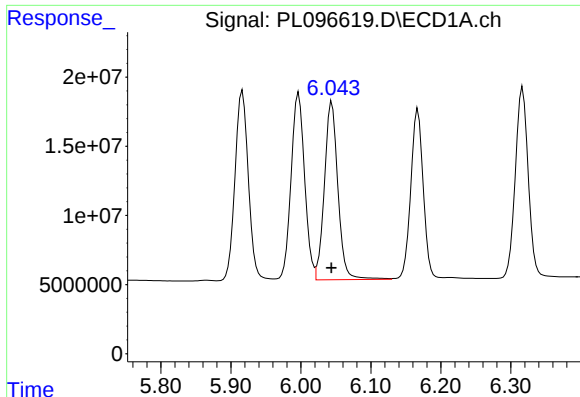
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 184431970
Conc: 47.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.001 min
Response: 291414437
Conc: 51.02 ng/ml



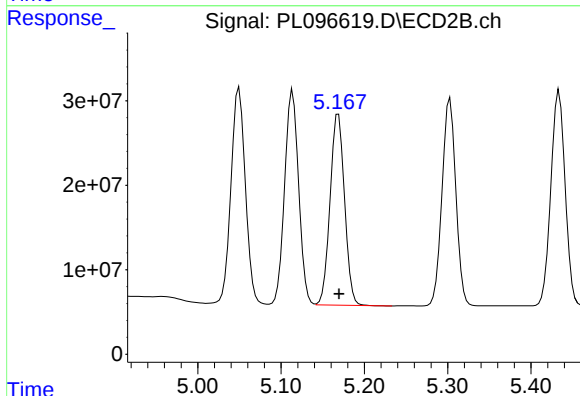
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 173308922
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

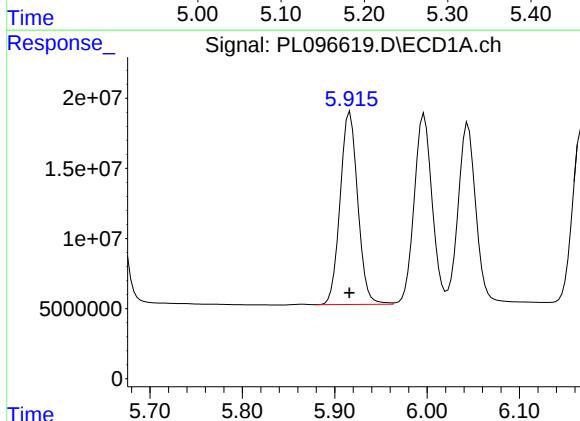
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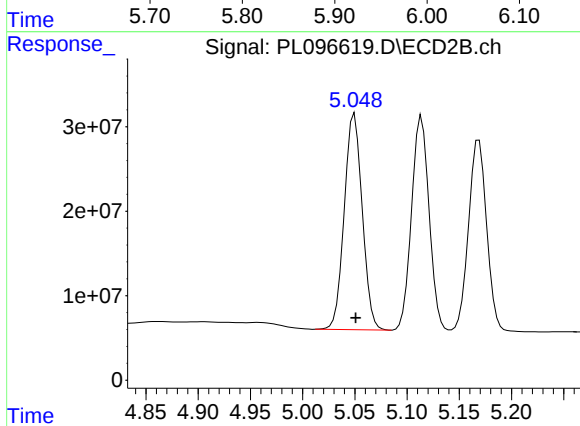
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 273520047
Conc: 49.45 ng/ml



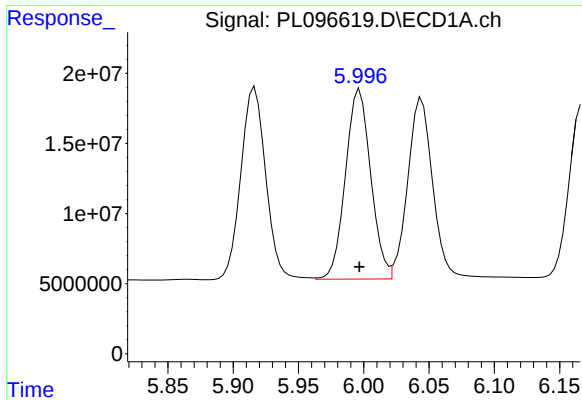
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 182372977
Conc: 47.93 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.001 min
Response: 306594634
Conc: 52.14 ng/ml



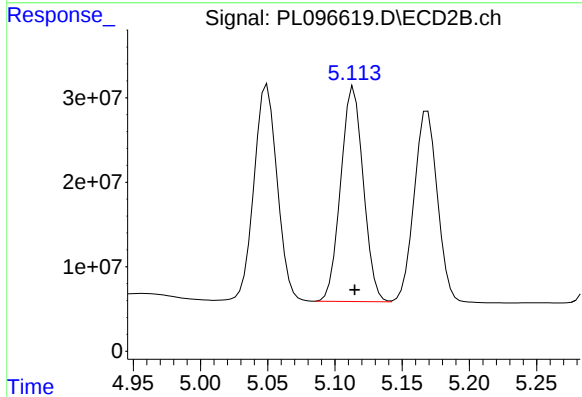
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 182447053
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

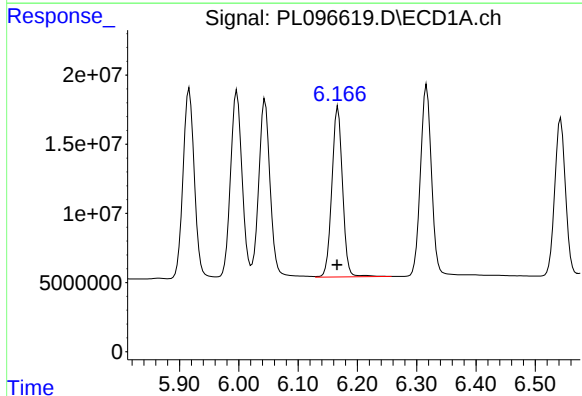
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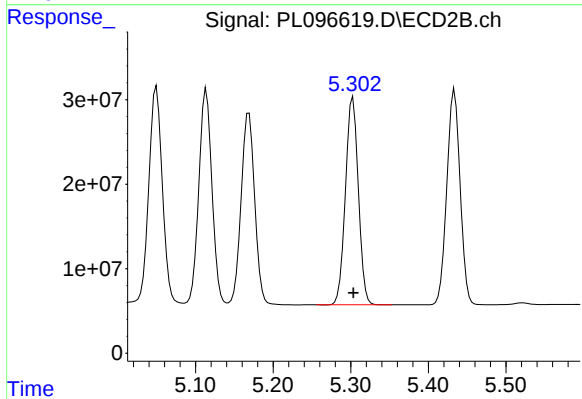
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 296635259
Conc: 50.29 ng/ml



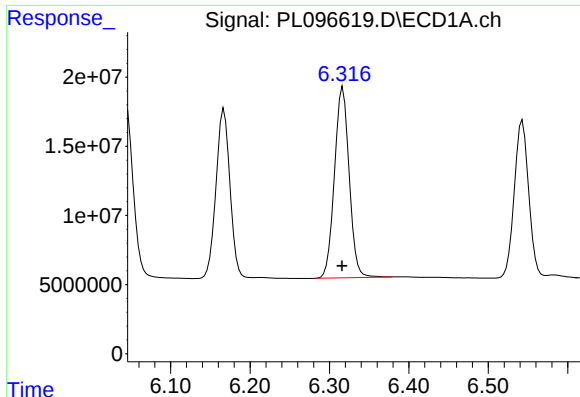
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: 0.001 min
Response: 153473774
Conc: 47.79 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 283824287
Conc: 51.47 ng/ml



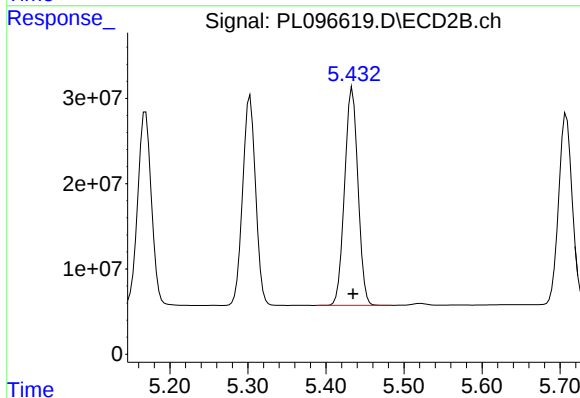
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: 0.001 min
Response: 177227385
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

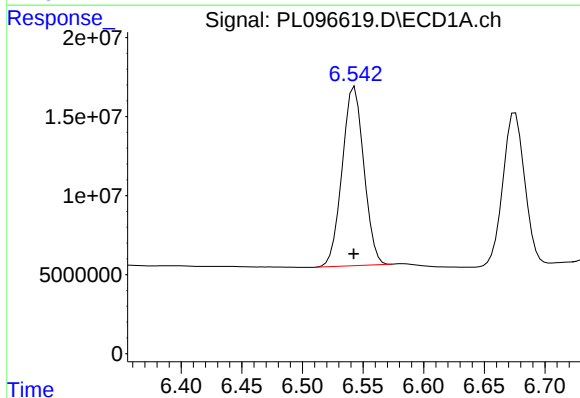
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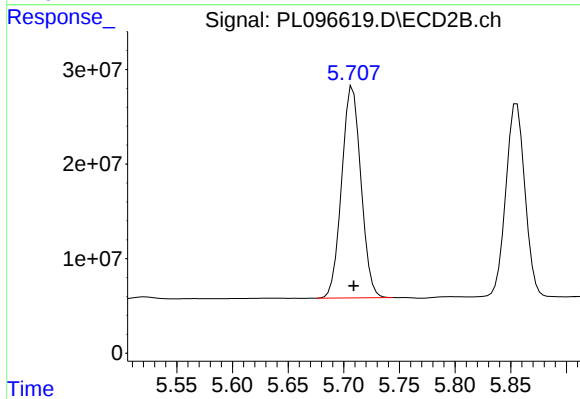
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 303407059
Conc: 51.37 ng/ml



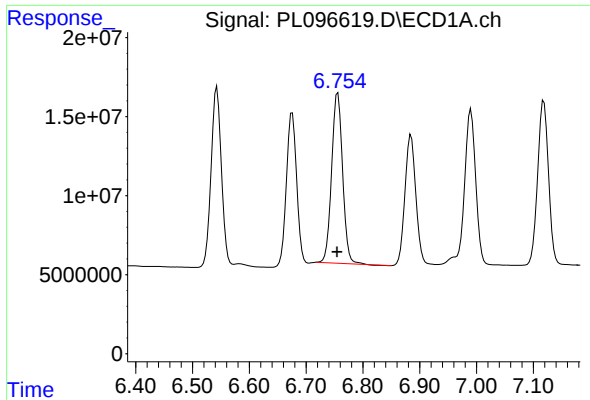
#14 Endrin

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 140692698
Conc: 46.48 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 269818854
Conc: 49.91 ng/ml



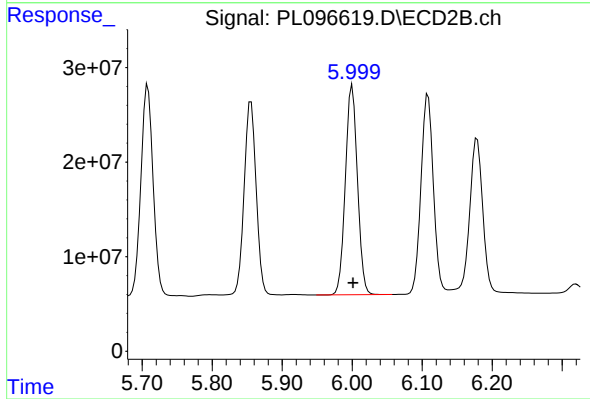
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 144774402
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

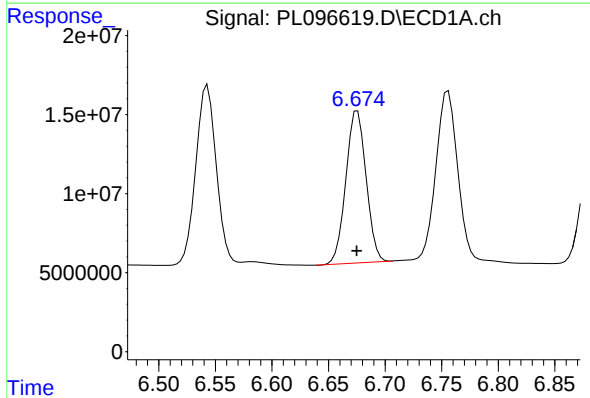
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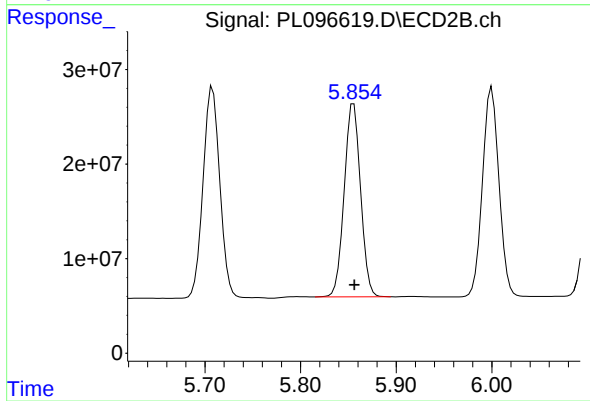
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 265037588
Conc: 51.60 ng/ml



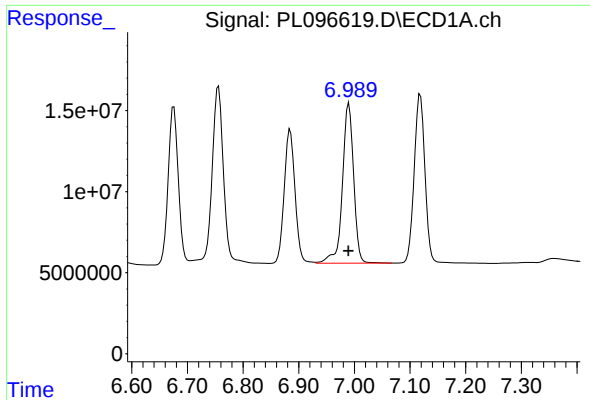
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 119578797
Conc: 47.29 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 244052787
Conc: 51.87 ng/ml



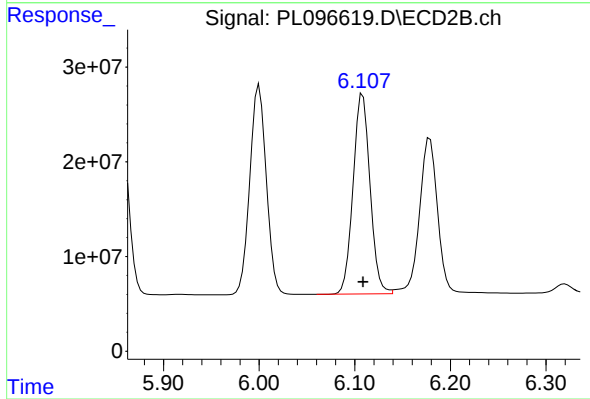
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 138446232
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

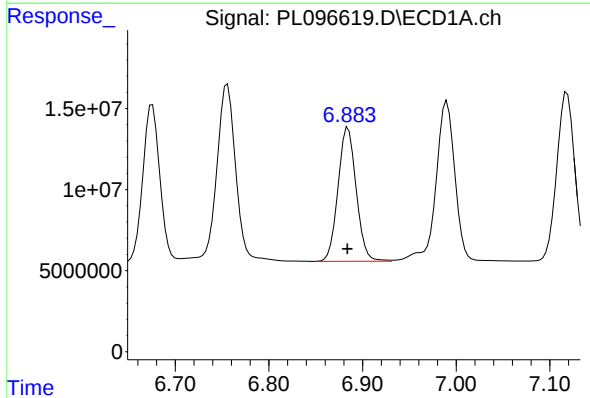
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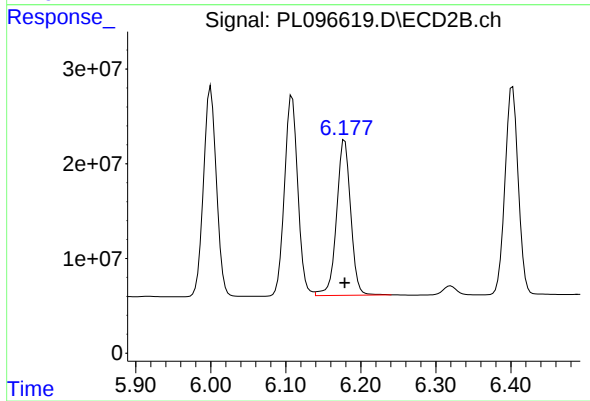
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 260718573
Conc: 51.54 ng/ml



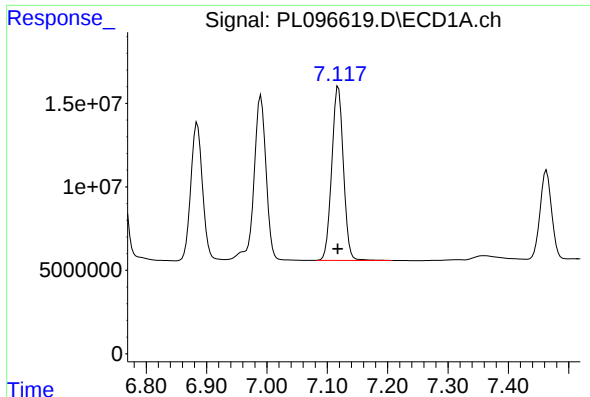
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 111597264
Conc: 52.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 215077656
Conc: 58.47 ng/ml



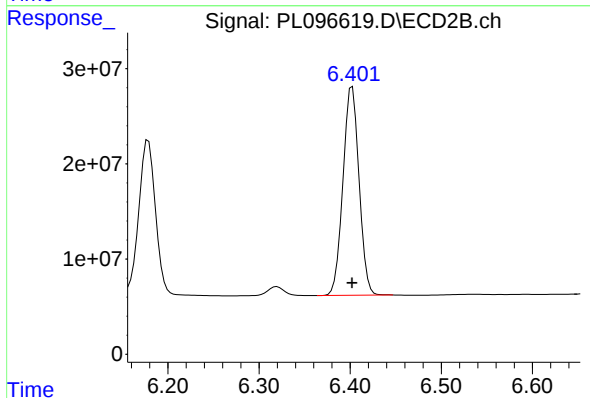
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 139838986
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

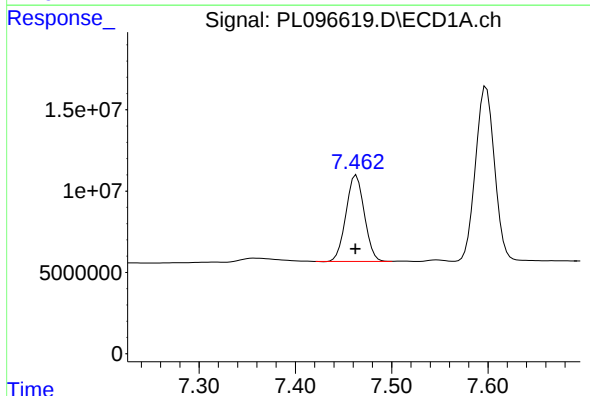
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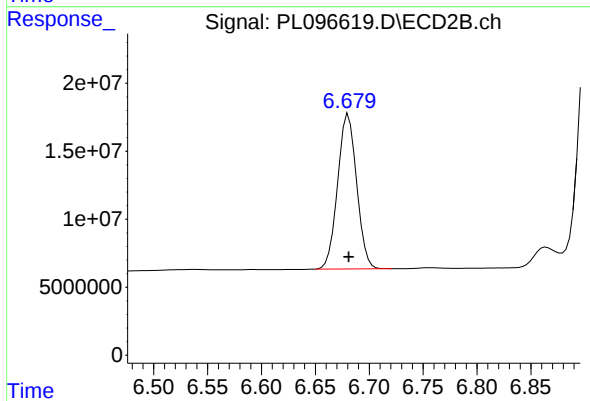
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 268692240
Conc: 52.83 ng/ml



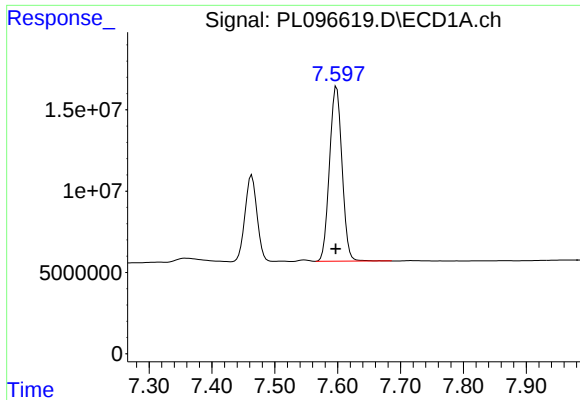
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 69989258
Conc: 47.67 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 139970866
Conc: 51.08 ng/ml



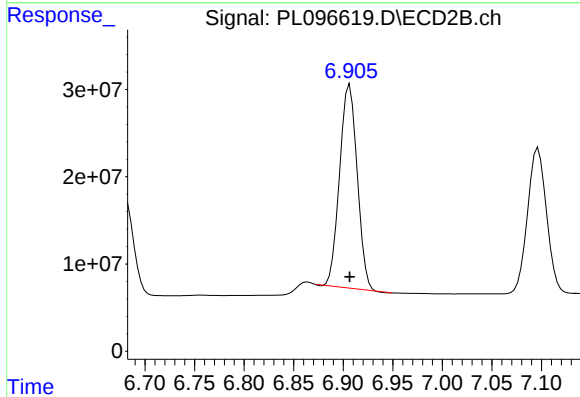
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.001 min
Response: 148481687
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

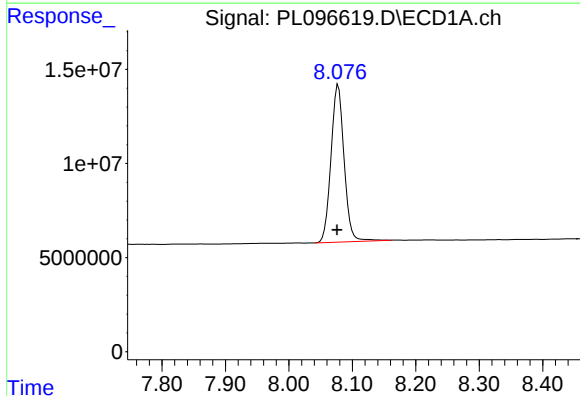
Manual Integrations
APPROVED

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



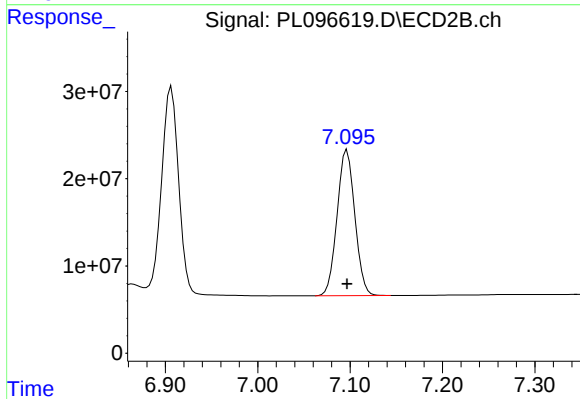
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 286910612
Conc: 51.51 ng/ml



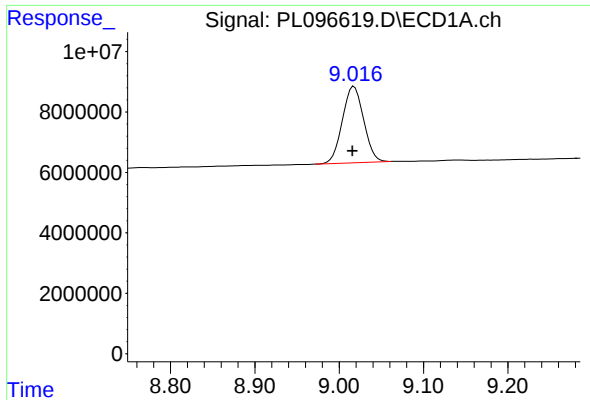
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.002 min
Response: 119777446
Conc: 48.31 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 223358249
Conc: 51.22 ng/ml



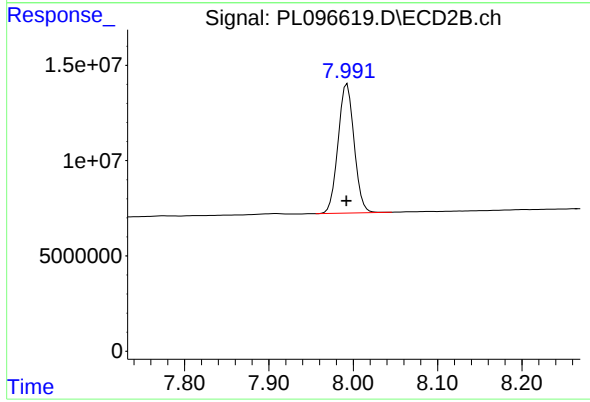
#28 Decachlorobiphenyl

R.T.: 9.018 min
Delta R.T.: 0.002 min
Response: 44261488
Conc: 18.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169041BS

Manual Integrations
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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: 89610562
Conc: 20.66 ng/ml