

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
 Data File : PL086956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 16:36
 Operator : AR\AJ
 Sample : 05599-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LKWD-BACKFILL-06MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :Ankita Jodhani 12/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 20:33:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.342	2.610	57725245	16101829	18.055	17.704
28)	SA Decachlor...	8.843	7.761	43668910	17812567	16.358	16.155
Target Compounds							
2)	A alpha-BHC	3.796	3.108	241.9E6	65973513	52.254	51.950
3)	MA gamma-BHC...	4.127	3.435	222.4E6	63082250	50.846m	51.629
4)	MA Heptachlor	4.714	3.770	234.7E6	67457830	59.134	57.773
5)	MB Aldrin	5.054	4.046	224.2E6	67039115	53.117	54.926
6)	B beta-BHC	4.332	3.738	102.1E6	27760438	54.580	52.468
7)	B delta-BHC	4.575	3.962	220.4E6	60545016	51.906	51.846
8)	B Heptachlo...	5.485	4.551	193.4E6	59848586	54.608	52.574
9)	A Endosulfan I	5.870	4.919	187.5E6	57189644	52.031	44.491
10)	B gamma-Chl...	5.743	4.803	202.8E6	60124495	53.937	52.451
11)	B alpha-Chl...	5.823	4.867	200.6E6	61093245	53.296	45.942
12)	B 4,4'-DDE	6.007	5.067	170.0E6	51086002	56.241	55.645
13)	MA Dieldrin	6.146	5.185	190.2E6	58049579	54.795	54.204
14)	MA Endrin	6.375	5.459	162.7E6	52416839	63.109	62.193
15)	B Endosulfa...	6.599	5.757	148.9E6	49967892	52.187	53.813
16)	A 4,4'-DDD	6.526	5.623	133.7E6	42208508	57.081	54.651
17)	MA 4,4'-DDT	6.842	5.873	149.7E6	47619311	58.336	59.047
18)	B Endrin al...	6.729	5.938	119.5E6	40727511	56.011m	58.297
19)	B Endosulfa...	6.966	6.163	154.8E6	53021489	54.222	55.881
20)	A Methoxychlor	7.328	6.457	74790644	28282688	56.639	54.948
21)	B Endrin ke...	7.449	6.664	159.6E6	60182821	53.375	52.723
22)	Mirex	7.921	6.841	129.7E6	50943767	50.727	49.085

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
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 Acq On : 04 Dec 2023 16:36
 Operator : AR\AJ
 Sample : 05599-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

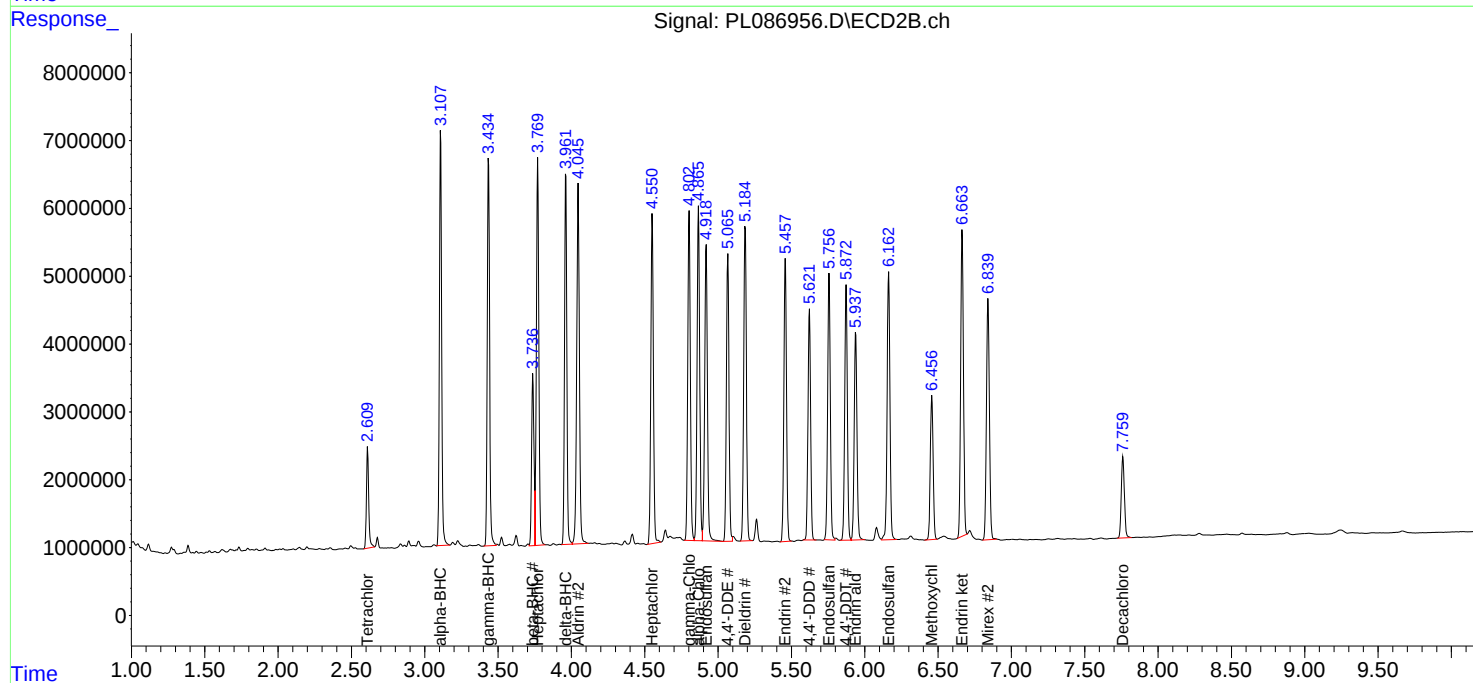
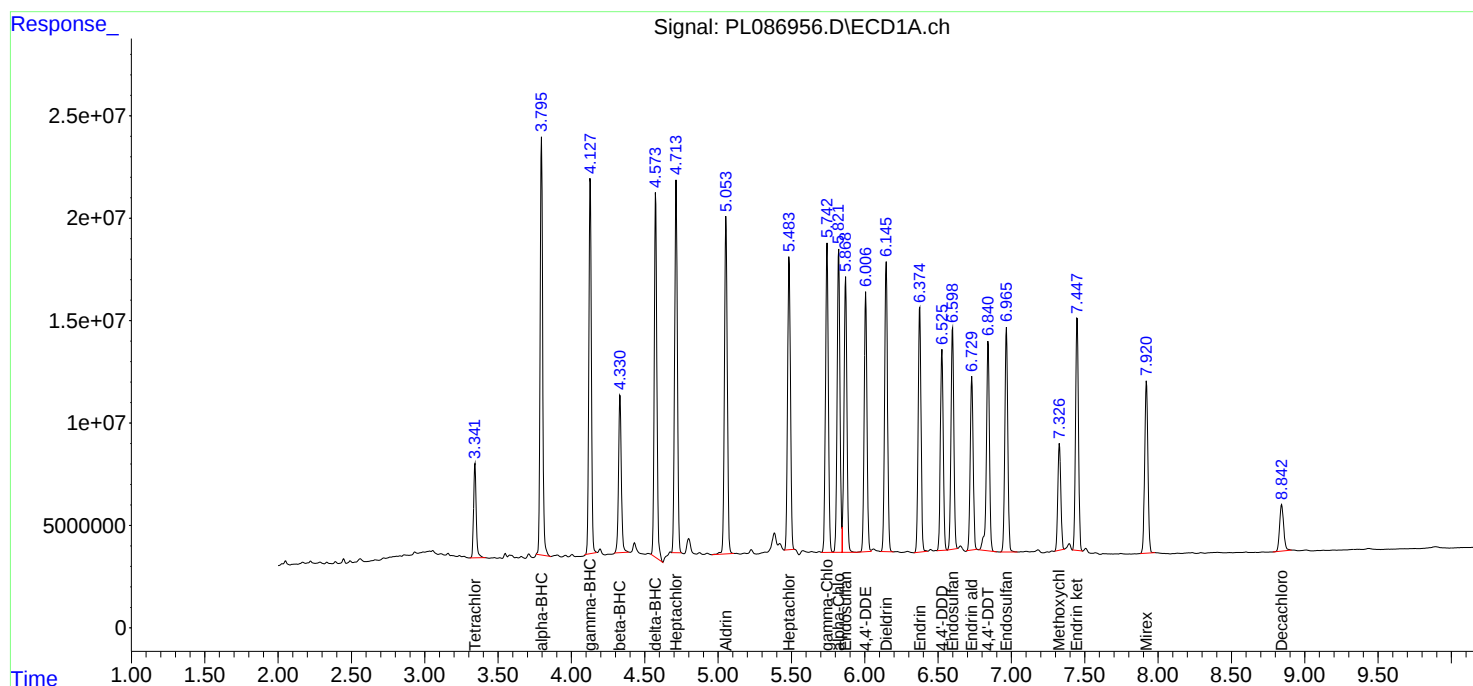
Instrument :
 ECD_L
 ClientSampleId :
 LKWD-BACKFILL-06MSD

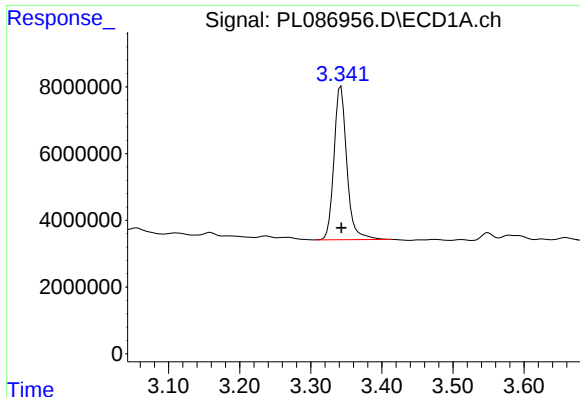
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 20:33:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
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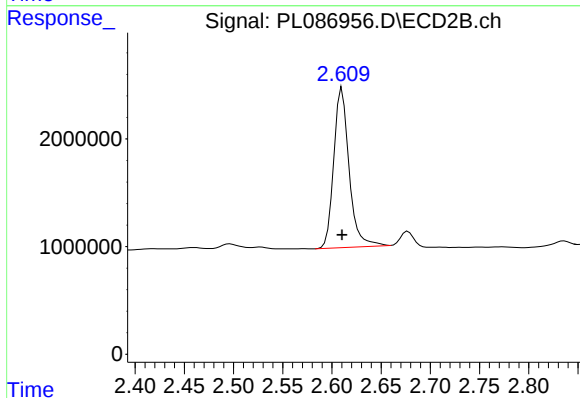
#1 Tetrachloro-m-xylene

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 57725245
Conc: 18.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MSD

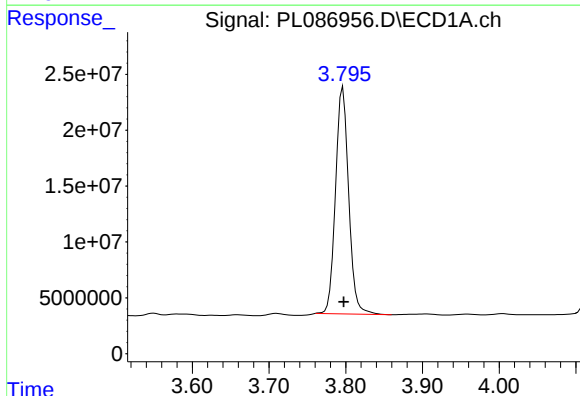
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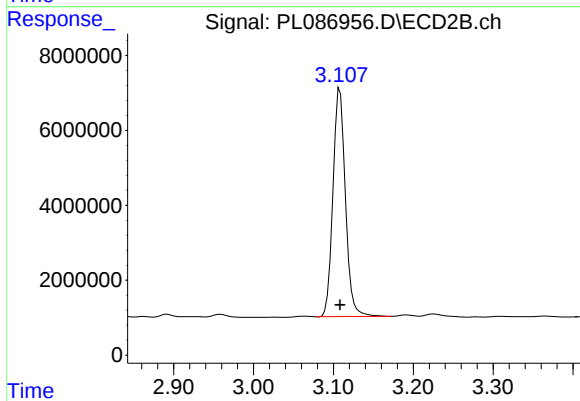
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 16101829
Conc: 17.70 ng/ml



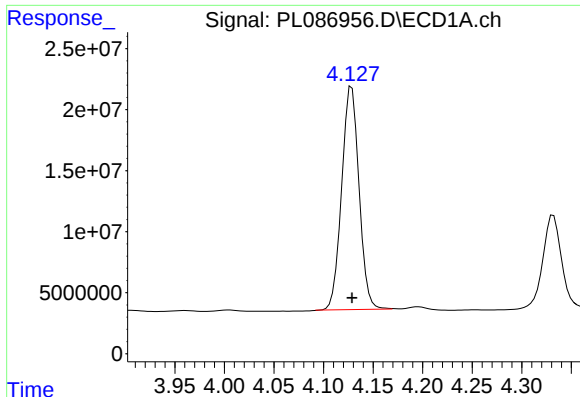
#2 alpha-BHC

R.T.: 3.796 min
Delta R.T.: -0.001 min
Response: 241943585
Conc: 52.25 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 65973513
Conc: 51.95 ng/ml



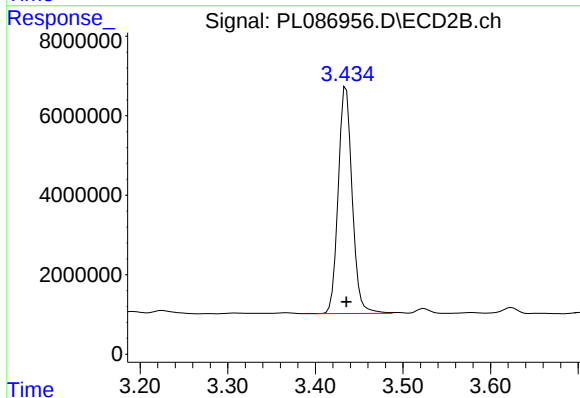
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 222444009
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MSD

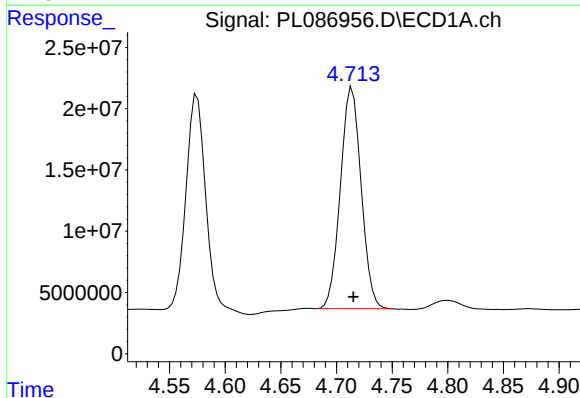
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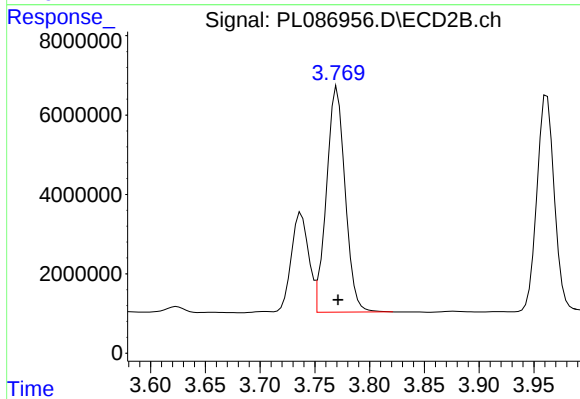
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 63082250
Conc: 51.63 ng/ml



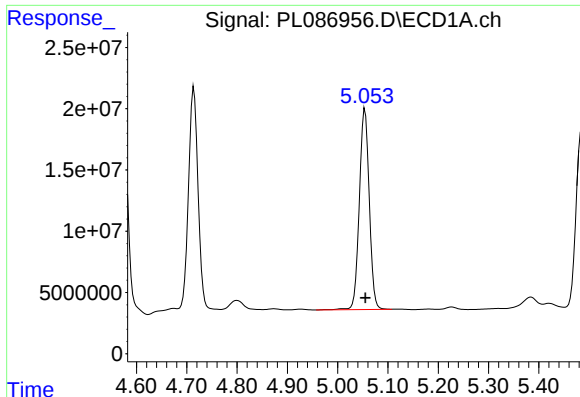
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: -0.001 min
Response: 234688135
Conc: 59.13 ng/ml



#4 Heptachlor

R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 67457830
Conc: 57.77 ng/ml



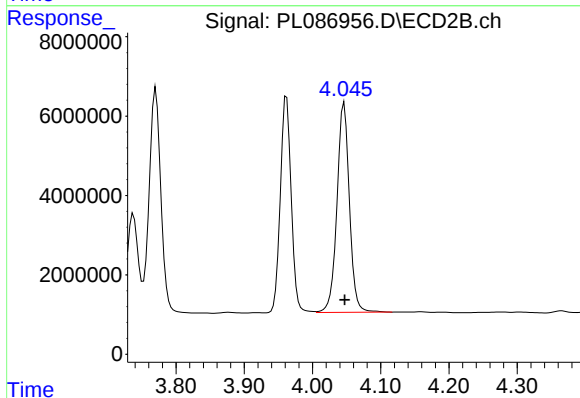
#5 Aldrin

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 224162902
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MSD

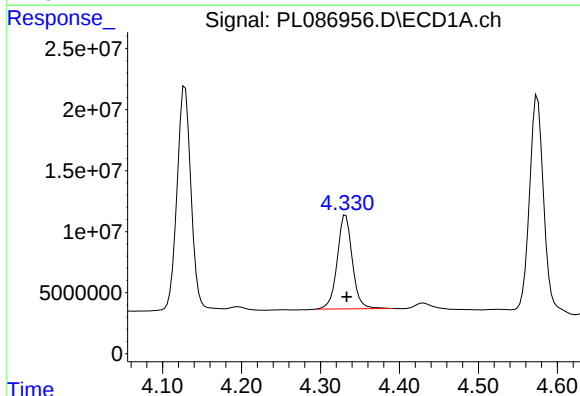
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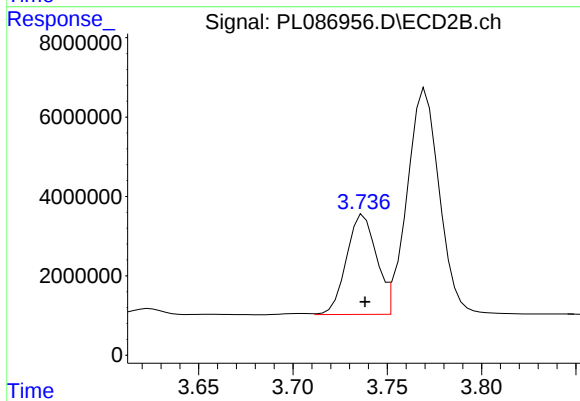
#5 Aldrin

R.T.: 4.046 min
Delta R.T.: -0.001 min
Response: 67039115
Conc: 54.93 ng/ml



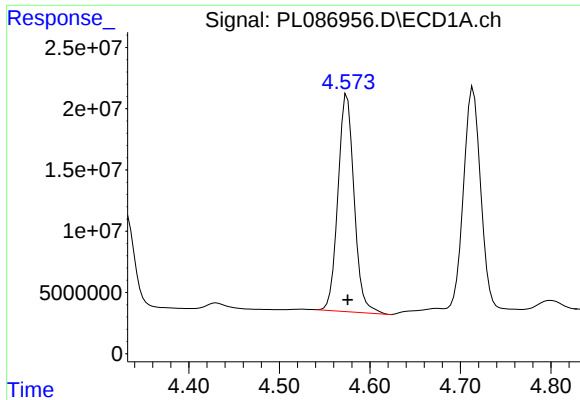
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 102100344
Conc: 54.58 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 27760438
Conc: 52.47 ng/ml



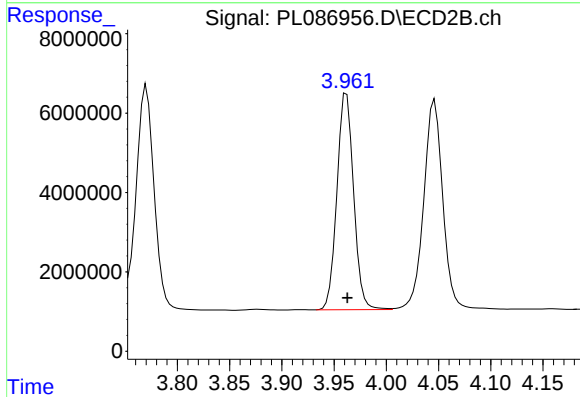
#7 delta-BHC

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 220351233
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MSD

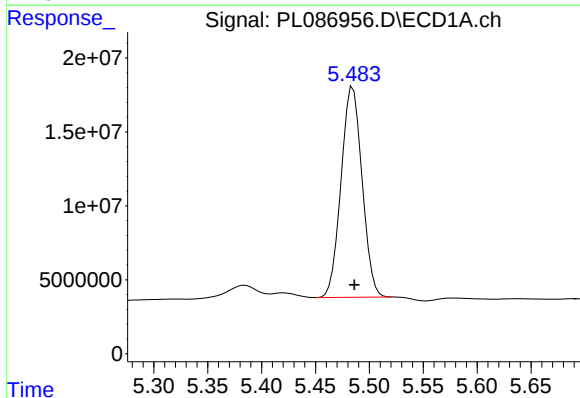
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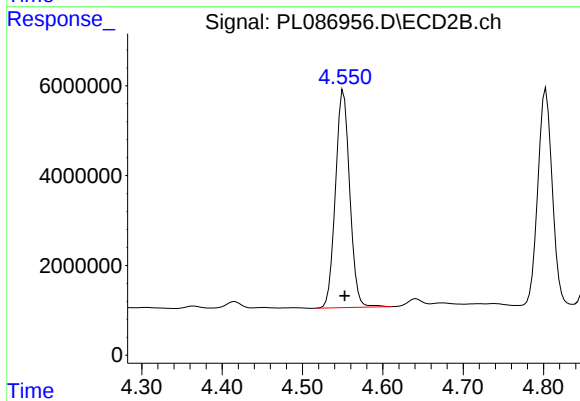
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 60545016
Conc: 51.85 ng/ml



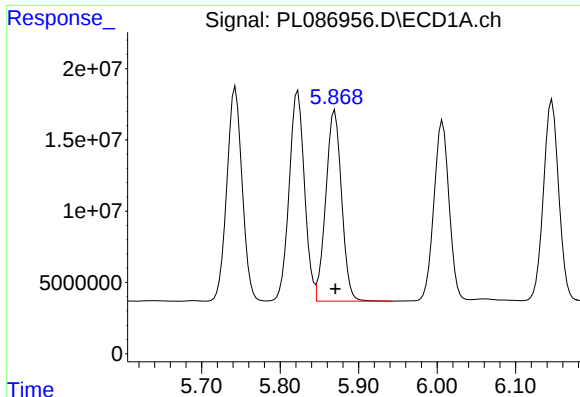
#8 Heptachlor epoxide

R.T.: 5.485 min
Delta R.T.: -0.001 min
Response: 193437308
Conc: 54.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.551 min
Delta R.T.: -0.001 min
Response: 59848586
Conc: 52.57 ng/ml



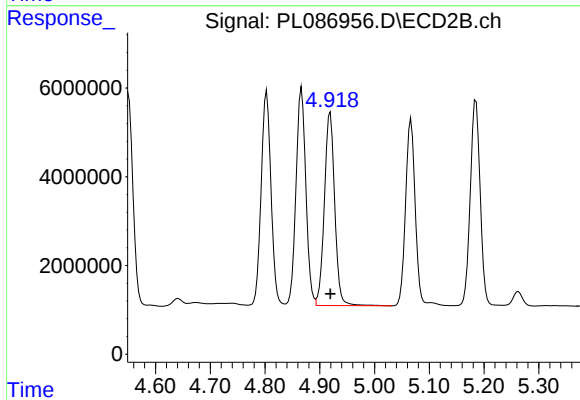
#9 Endosulfan I

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 187458402
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MSD

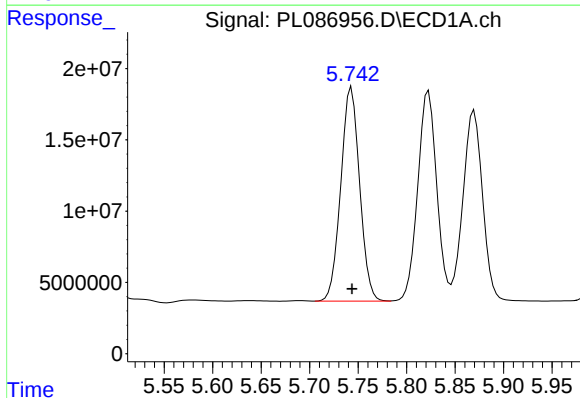
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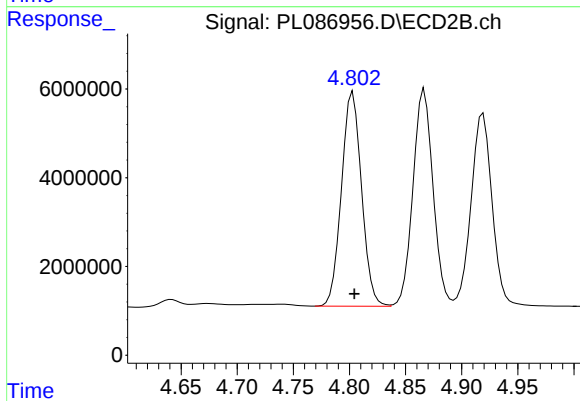
#9 Endosulfan I

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 57189644
Conc: 44.49 ng/ml



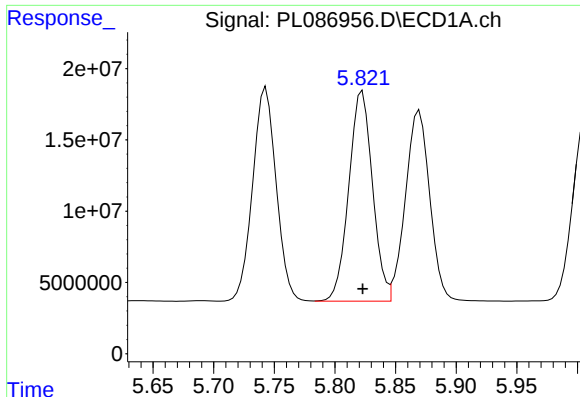
#10 gamma-Chlordane

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 202798056
Conc: 53.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 60124495
Conc: 52.45 ng/ml



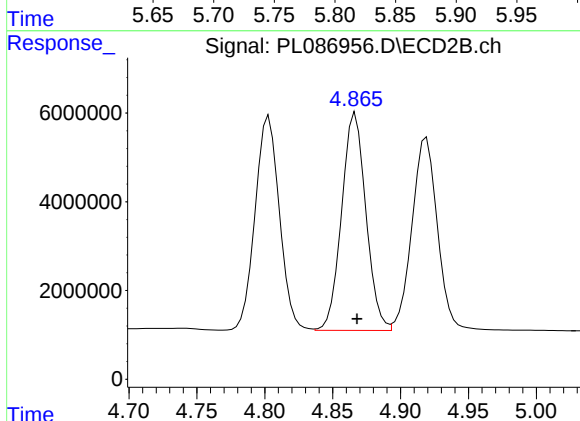
#11 alpha-Chlordane

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 200636622
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MSD

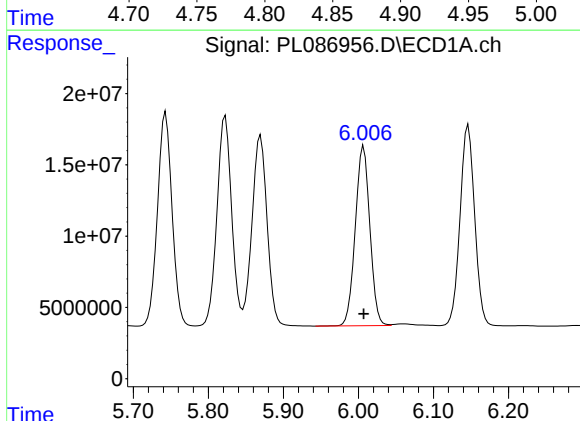
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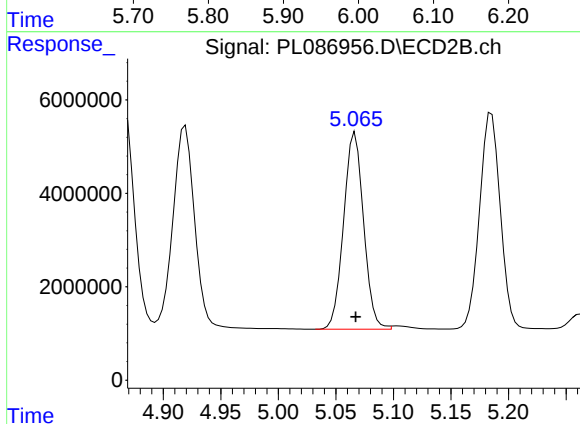
#11 alpha-Chlordane

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 61093245
Conc: 45.94 ng/ml



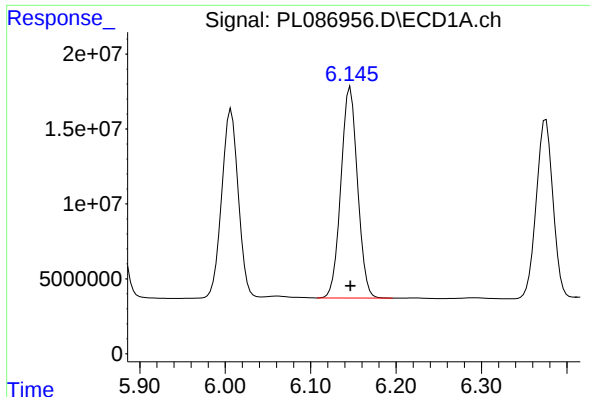
#12 4,4'-DDE

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 170039502
Conc: 56.24 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 51086002
Conc: 55.64 ng/ml



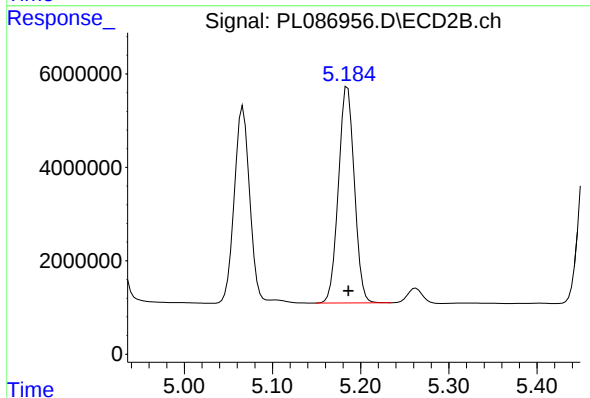
#13 Dieldrin

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 190229417
Conc: 54.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MSD

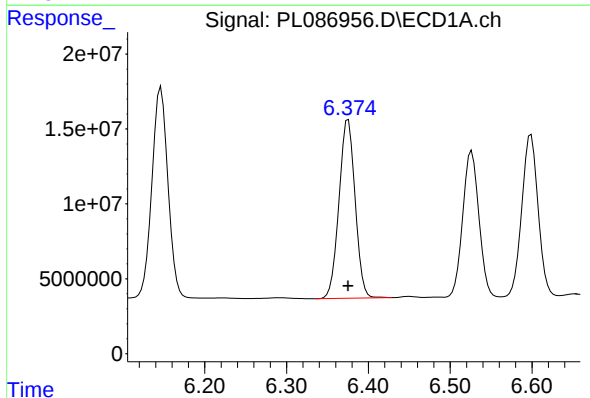
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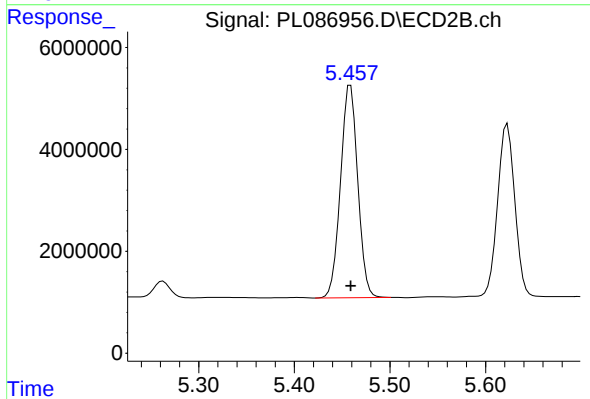
#13 Dieldrin

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 58049579
Conc: 54.20 ng/ml



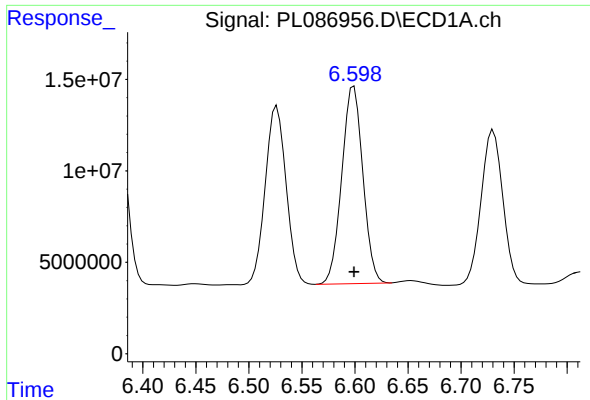
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 162673223
Conc: 63.11 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 52416839
Conc: 62.19 ng/ml



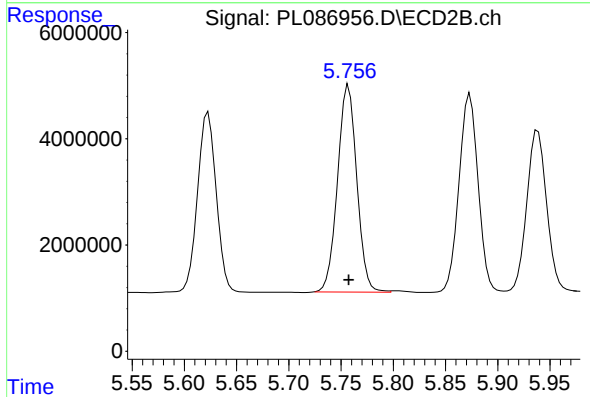
#15 Endosulfan II

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 148921552
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MSD

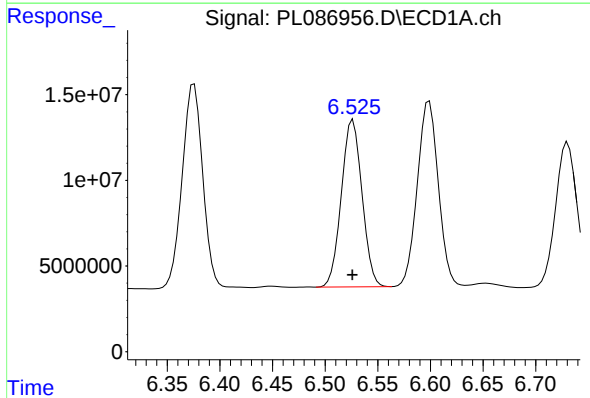
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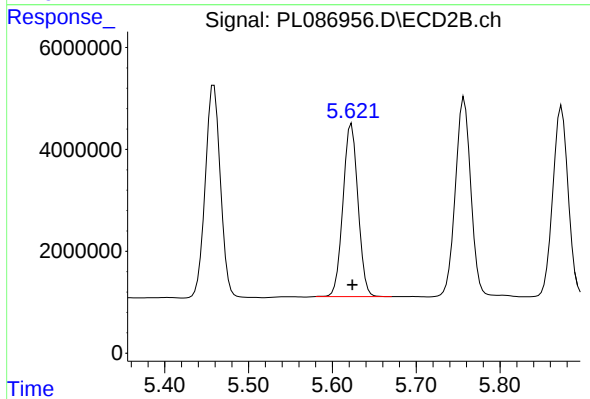
#15 Endosulfan II

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 49967892
Conc: 53.81 ng/ml



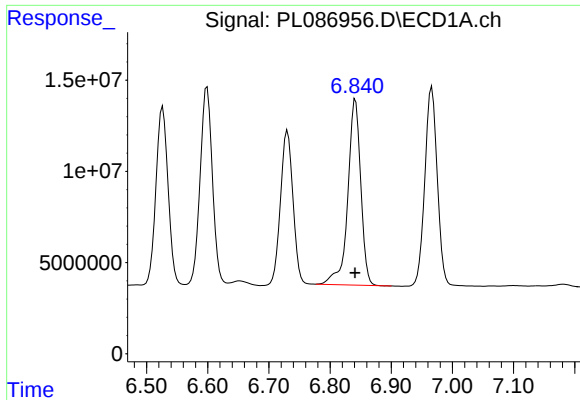
#16 4,4'-DDD

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 133660648
Conc: 57.08 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 42208508
Conc: 54.65 ng/ml



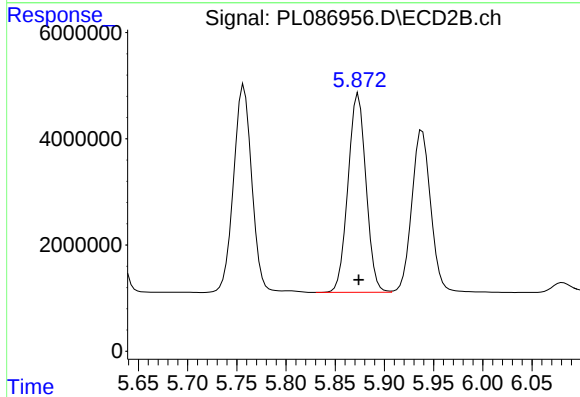
#17 4,4'-DDT

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 149729126
Conc: 58.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MSD

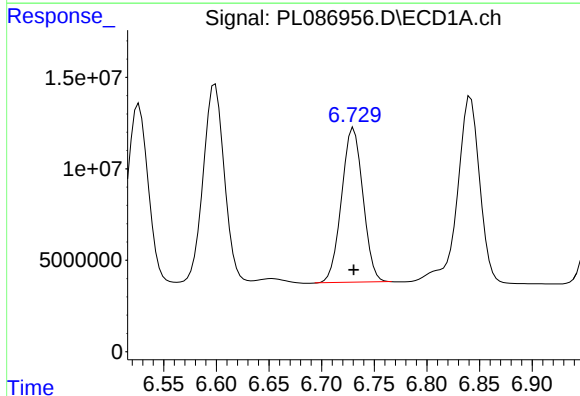
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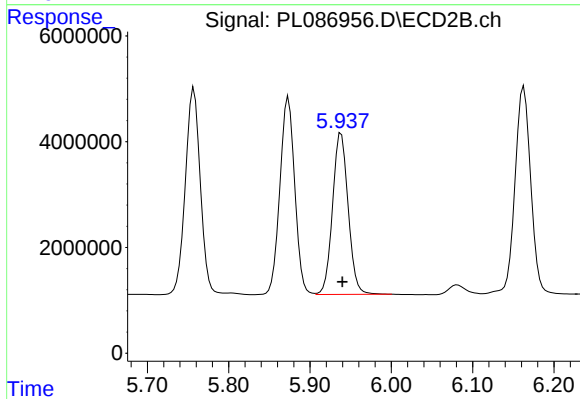
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 47619311
Conc: 59.05 ng/ml



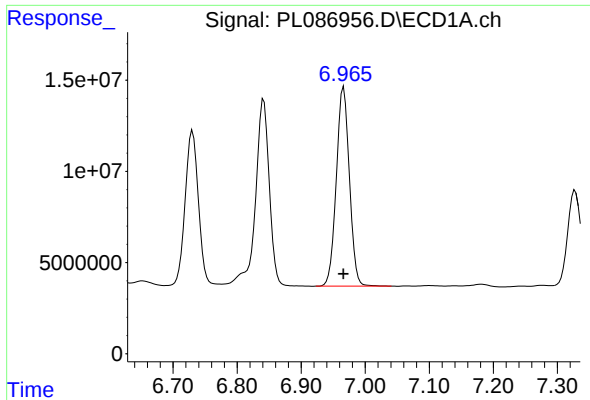
#18 Endrin aldehyde

R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 119482736
Conc: 56.01 ng/ml m



#18 Endrin aldehyde

R.T.: 5.938 min
Delta R.T.: -0.001 min
Response: 40727511
Conc: 58.30 ng/ml



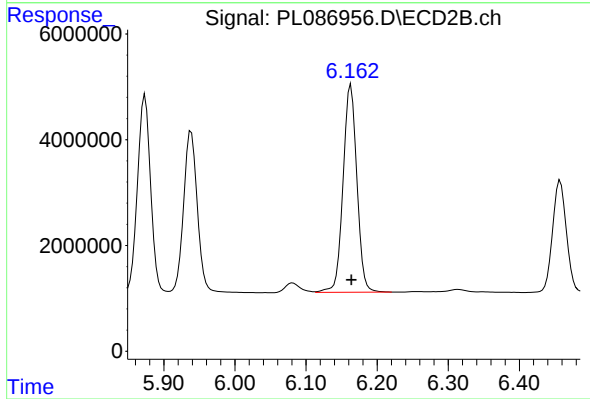
#19 Endosulfan Sulfate

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 154842338
Conc: 54.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
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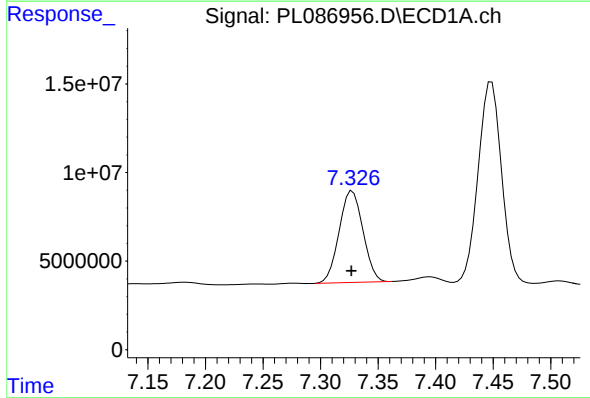
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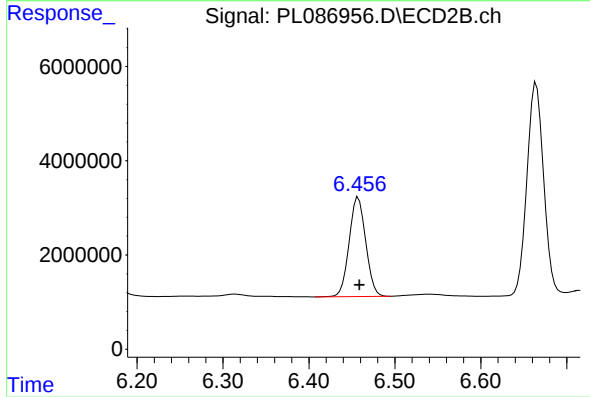
#19 Endosulfan Sulfate

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 53021489
Conc: 55.88 ng/ml



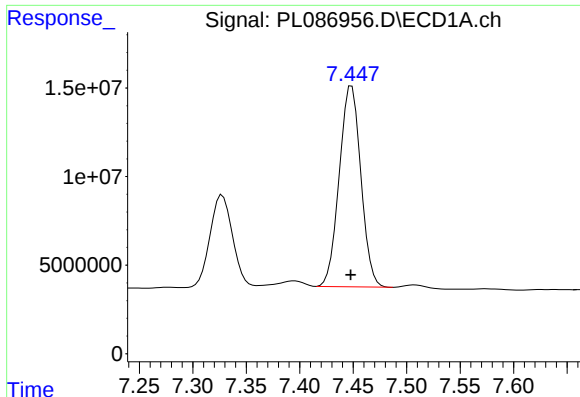
#20 Methoxychlor

R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 74790644
Conc: 56.64 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.001 min
Response: 28282688
Conc: 54.95 ng/ml



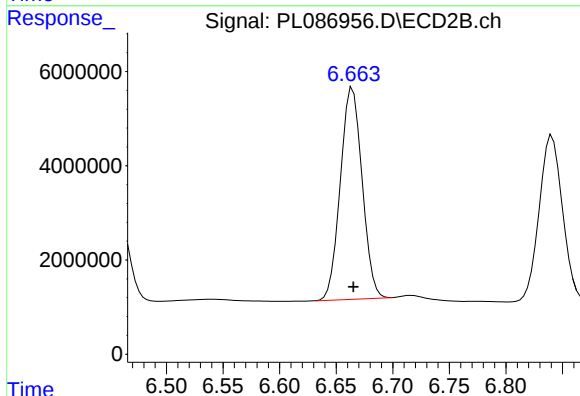
#21 Endrin ketone

R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 159573409
Conc: 53.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MSD

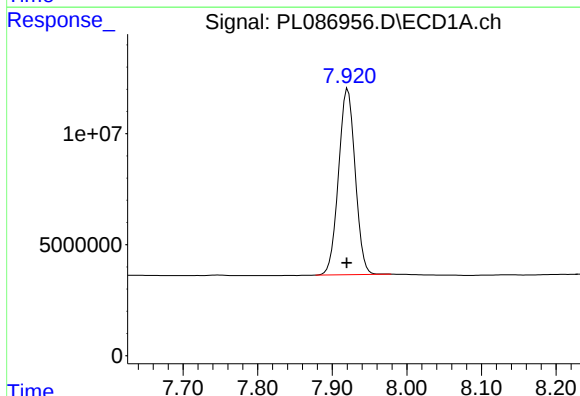
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



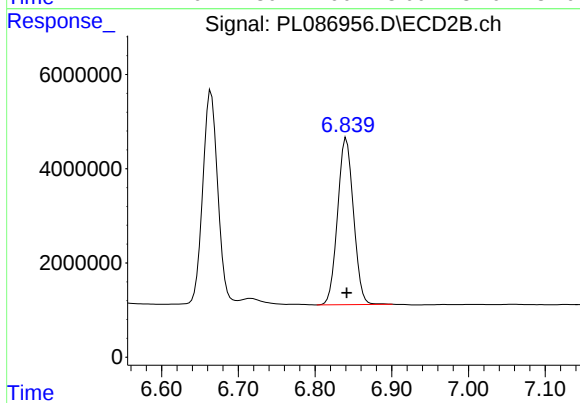
#21 Endrin ketone

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 60182821
Conc: 52.72 ng/ml



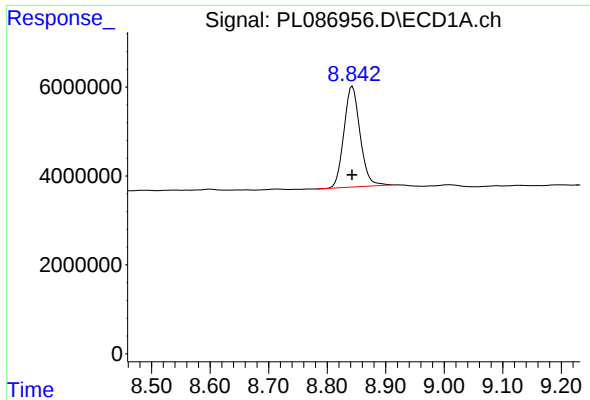
#22 Mirex

R.T.: 7.921 min
Delta R.T.: 0.002 min
Response: 129744512
Conc: 50.73 ng/ml



#22 Mirex

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 50943767
Conc: 49.09 ng/ml



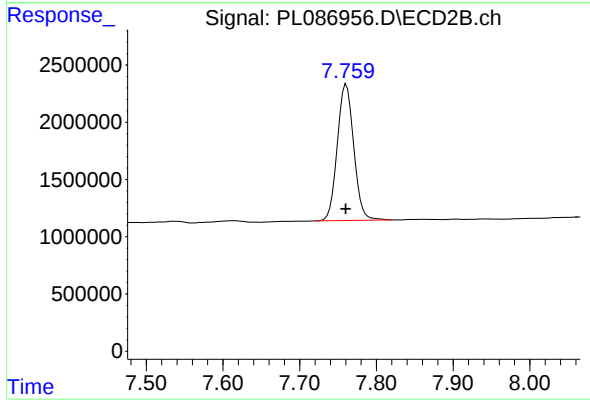
#28 Decachlorobiphenyl

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 43668910
Conc: 16.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 17812567
Conc: 16.16 ng/ml