

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
 Data File : PL086955.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 16:22
 Operator : AR\AJ
 Sample : 05599-11MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LKWD-BACKFILL-06MS

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 20:32:26 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...	3.343	2.610	58462957	16241514	18.286	17.858
28)	SA Decachlor...	8.844	7.761	44044376	18008411	16.498	16.333
Target Compounds							
2)	A alpha-BHC	3.797	3.108	246.0E6	66986749	53.122	52.748
3)	MA gamma-BHC...	4.127	3.436	226.9E6	64051734	51.862m	52.422
4)	MA Heptachlor	4.715	3.771	238.6E6	68266568	60.121	58.465
5)	MB Aldrin	5.055	4.047	227.0E6	67900640	53.788	55.631
6)	B beta-BHC	4.332	3.738	102.7E6	28043493	54.890	53.003
7)	B delta-BHC	4.575	3.962	224.2E6	61285017	52.821	52.480
8)	B Heptachlo...	5.486	4.552	196.5E6	60093209	55.472	52.788
9)	A Endosulfan I	5.870	4.920	191.1E6	57920873	53.053	45.111
10)	B gamma-Chl...	5.743	4.804	206.2E6	60735937	54.853	52.985
11)	B alpha-Chl...	5.822	4.868	204.1E6	61634319	54.212	46.349
12)	B 4,4'-DDE	6.007	5.067	173.0E6	51730359	57.231	56.347
13)	MA Dieldrin	6.147	5.186	193.4E6	58554864	55.708	54.676
14)	MA Endrin	6.375	5.459	165.0E6	52802221	63.999	62.650
15)	B Endosulfa...	6.598	5.758	151.1E6	50470972	52.954	54.355
16)	A 4,4'-DDD	6.526	5.624	135.5E6	42562558	57.852	55.110
17)	MA 4,4'-DDT	6.841	5.874	152.1E6	48225056	59.264	59.798
18)	B Endrin al...	6.729	5.939	120.8E6	41088293	56.630m	58.814
19)	B Endosulfa...	6.966	6.164	157.2E6	53460410	55.031	56.344
20)	A Methoxychlor	7.329	6.459	75918613	28538656	57.493	55.445
21)	B Endrin ke...	7.449	6.665	162.0E6	60801488	54.188	53.265
22)	Mirex	7.921	6.842	131.8E6	51453270	51.529	49.576

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
Data File : PL086955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Dec 2023 16:22
Operator : AR\AJ
Sample : 05599-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

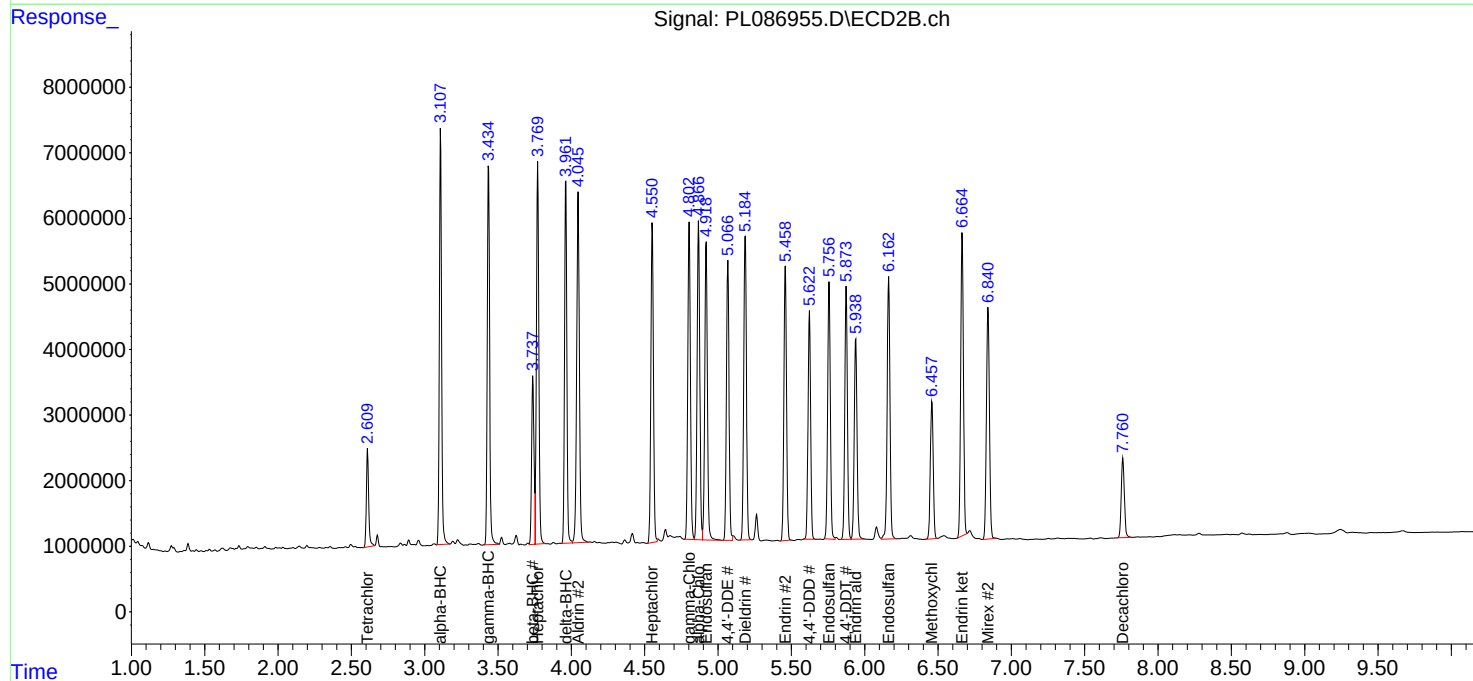
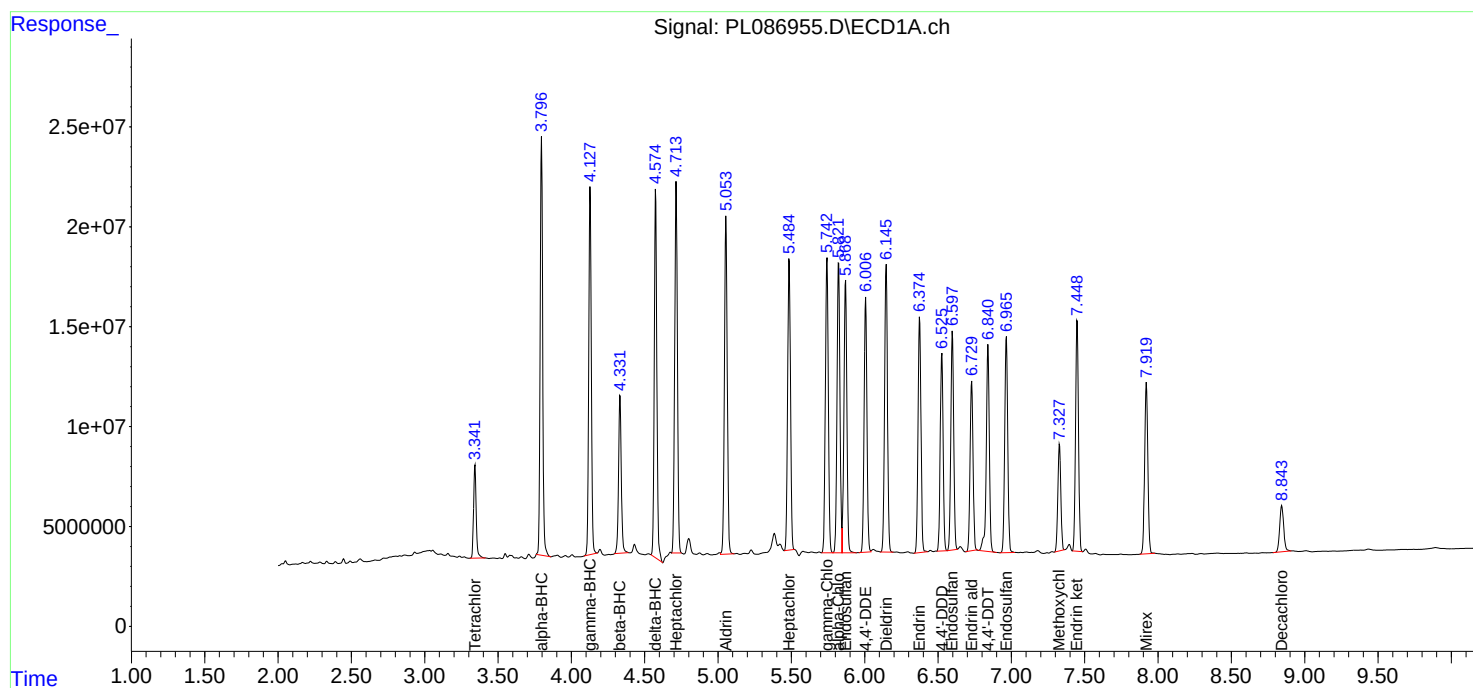
Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

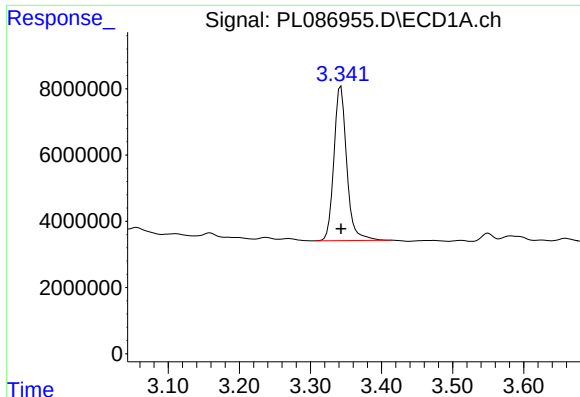
Manual Integrations
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Supervised By :Ankita Jodhani 12/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 04 20:32:26 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





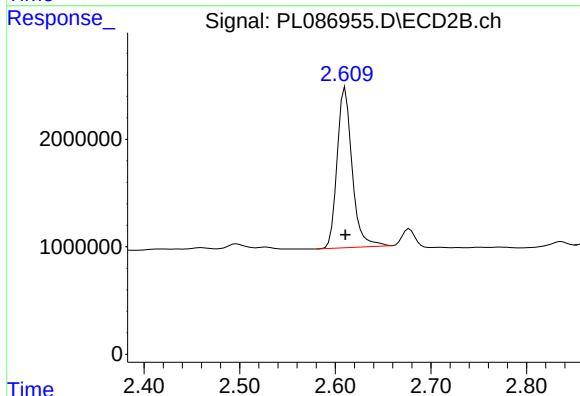
#1 Tetrachloro-m-xylene

R.T.: 3.343 min
Delta R.T.: 0.000 min
Response: 58462957
Conc: 18.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

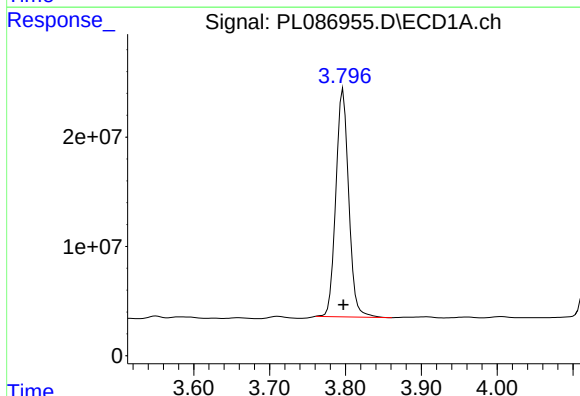
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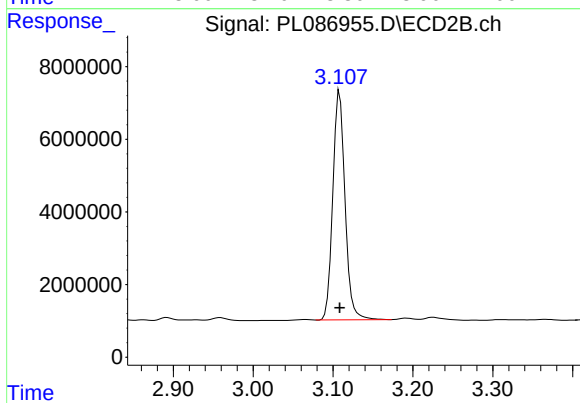
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 16241514
Conc: 17.86 ng/ml



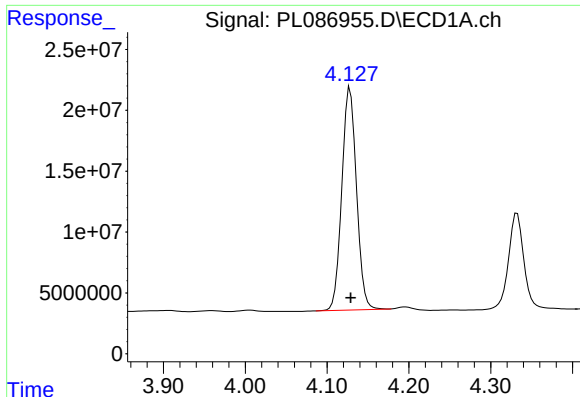
#2 alpha-BHC

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 245959453
Conc: 53.12 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 66986749
Conc: 52.75 ng/ml



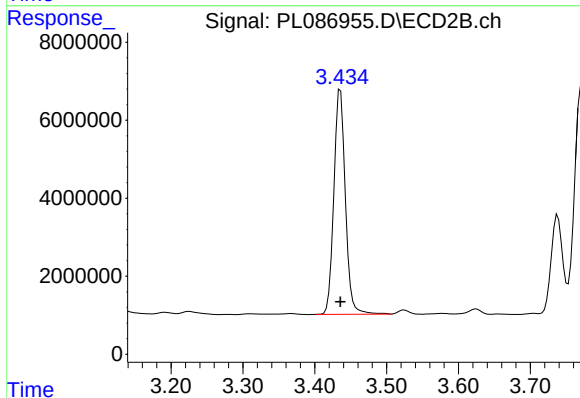
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 226887712
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

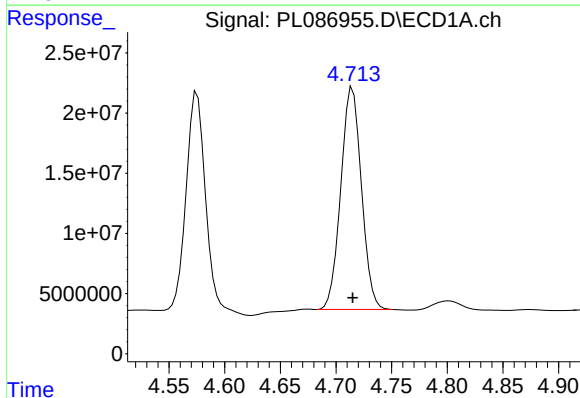
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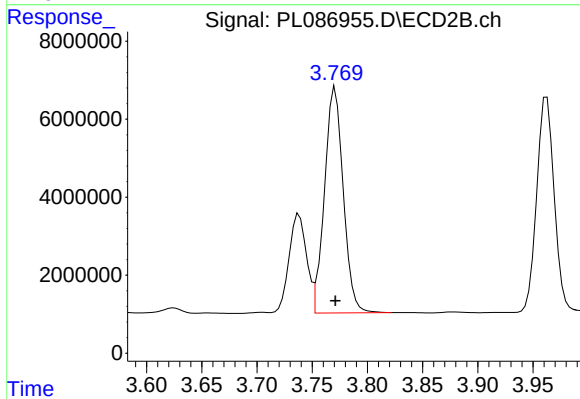
#3 gamma-BHC (Lindane)

R.T.: 3.436 min
Delta R.T.: 0.000 min
Response: 64051734
Conc: 52.42 ng/ml



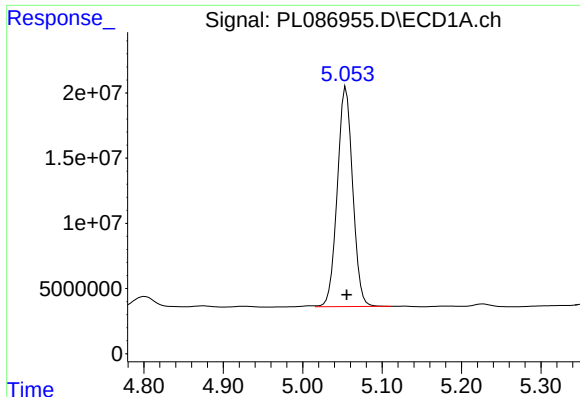
#4 Heptachlor

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 238603294
Conc: 60.12 ng/ml



#4 Heptachlor

R.T.: 3.771 min
Delta R.T.: 0.000 min
Response: 68266568
Conc: 58.47 ng/ml



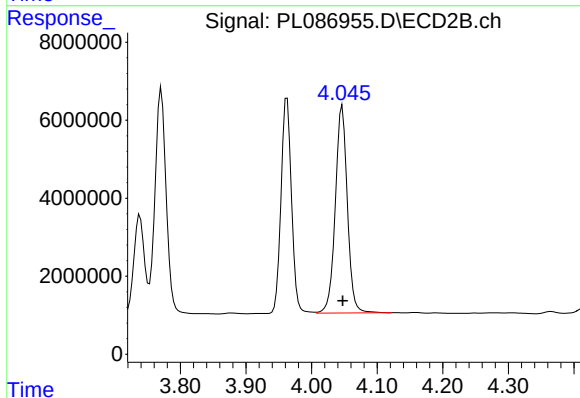
#5 Aldrin

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 226992793
Conc: 53.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

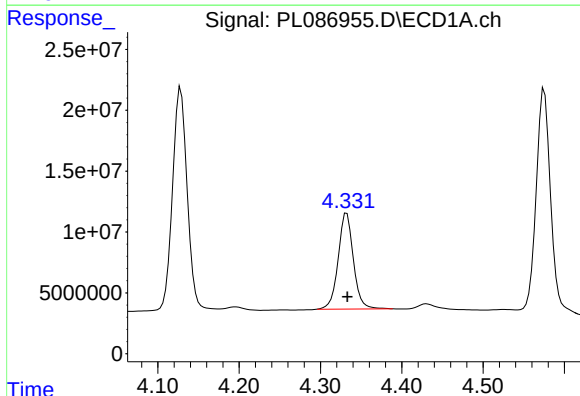
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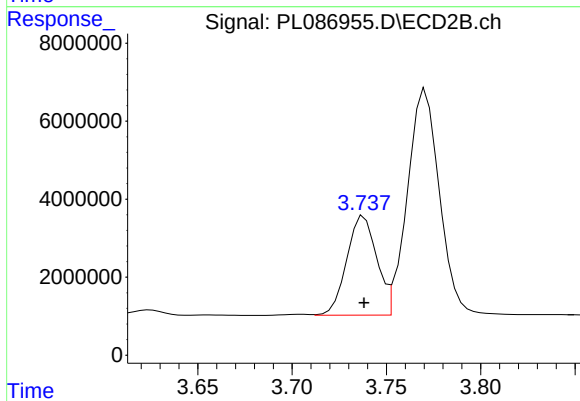
#5 Aldrin

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 67900640
Conc: 55.63 ng/ml



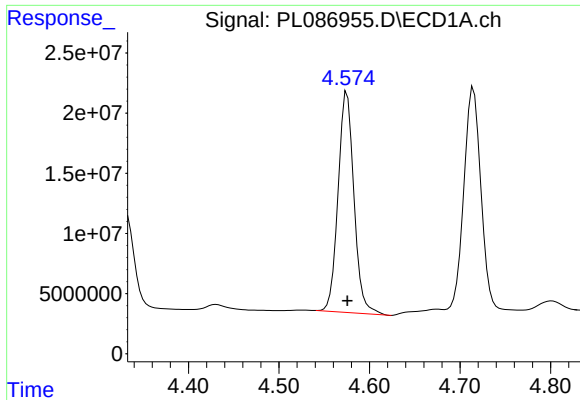
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 102679516
Conc: 54.89 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 28043493
Conc: 53.00 ng/ml



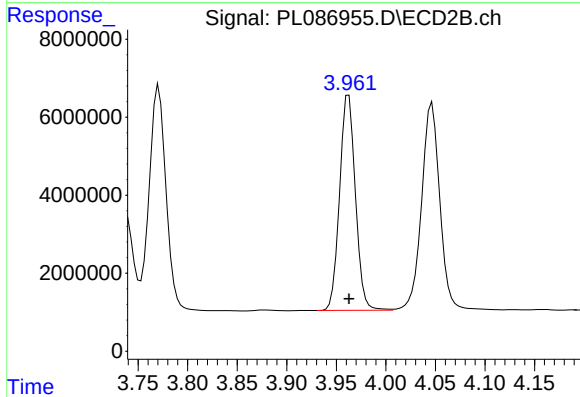
#7 delta-BHC

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 224233890
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

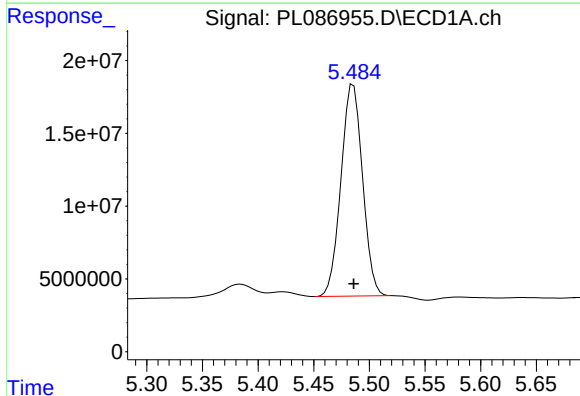
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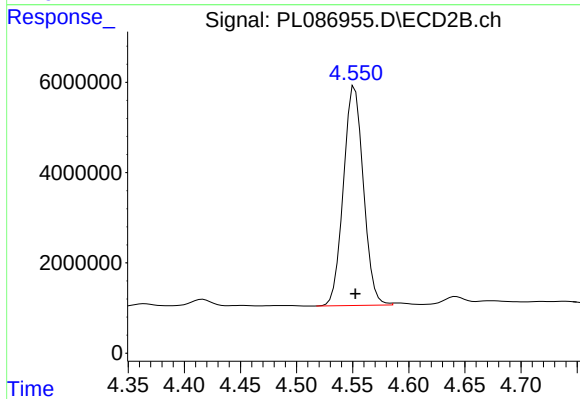
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 61285017
Conc: 52.48 ng/ml



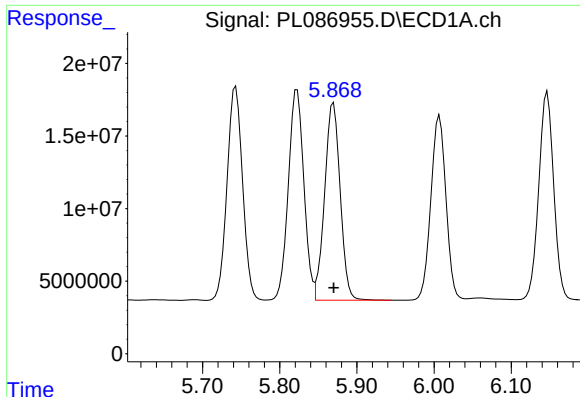
#8 Heptachlor epoxide

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 196499438
Conc: 55.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 60093209
Conc: 52.79 ng/ml



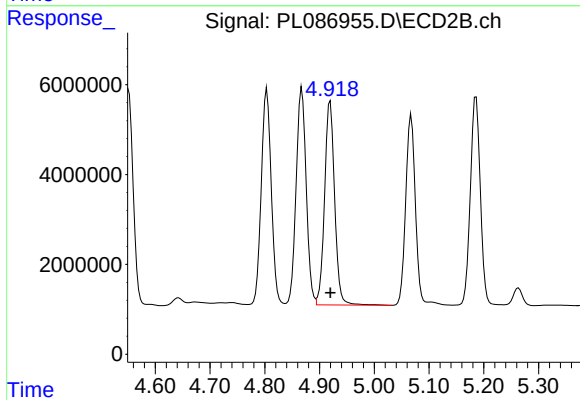
#9 Endosulfan I

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 191143393
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

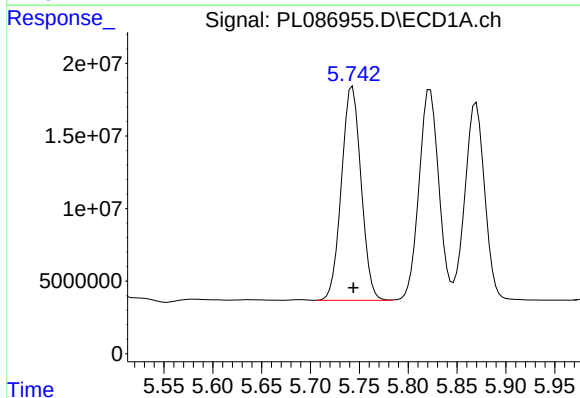
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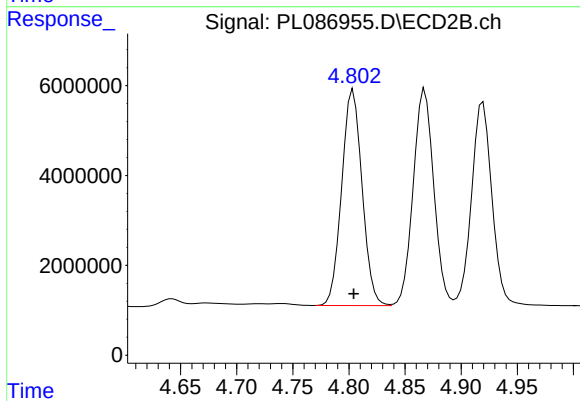
#9 Endosulfan I

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 57920873
Conc: 45.11 ng/ml



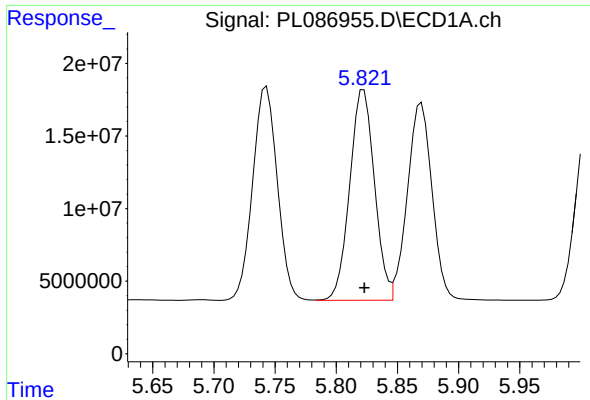
#10 gamma-Chlordane

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 206240689
Conc: 54.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 60735937
Conc: 52.98 ng/ml



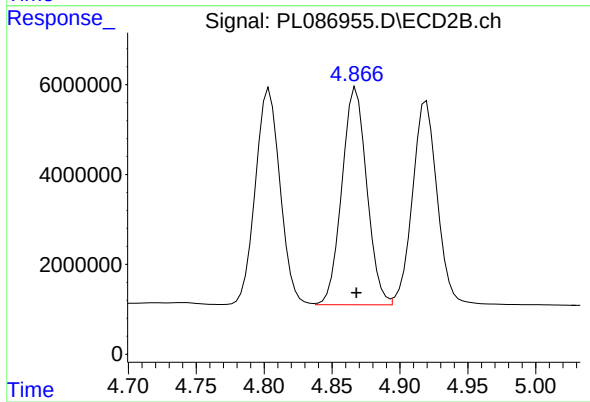
#11 alpha-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 204084891
Conc: 54.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

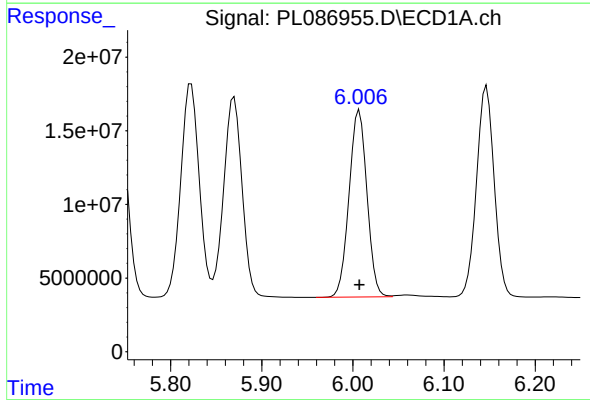
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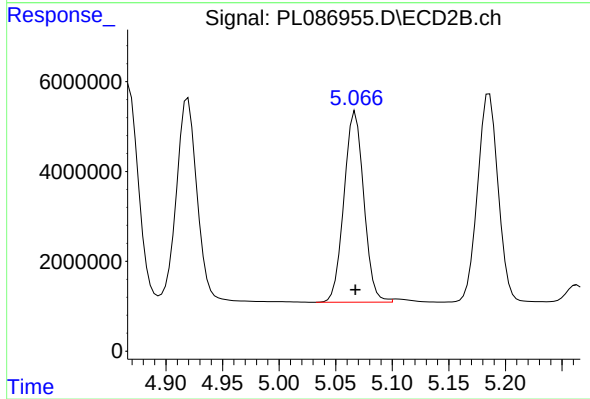
#11 alpha-Chlordane

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 61634319
Conc: 46.35 ng/ml



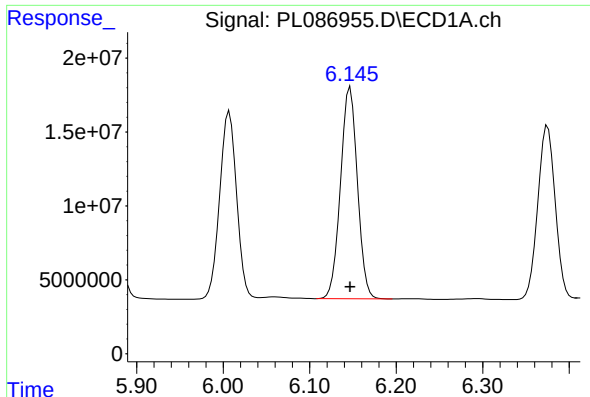
#12 4,4'-DDE

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 173033129
Conc: 57.23 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 51730359
Conc: 56.35 ng/ml



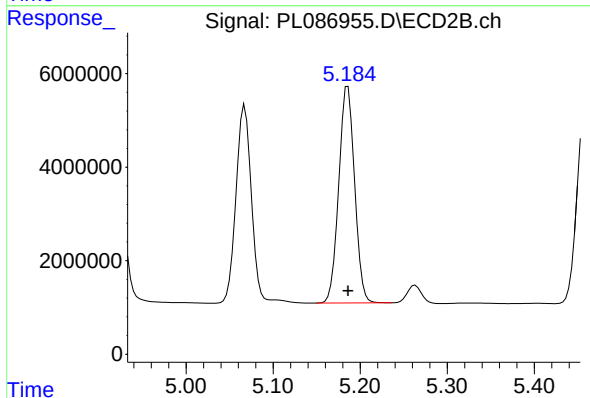
#13 Dieldrin

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 193398331
Conc: 55.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

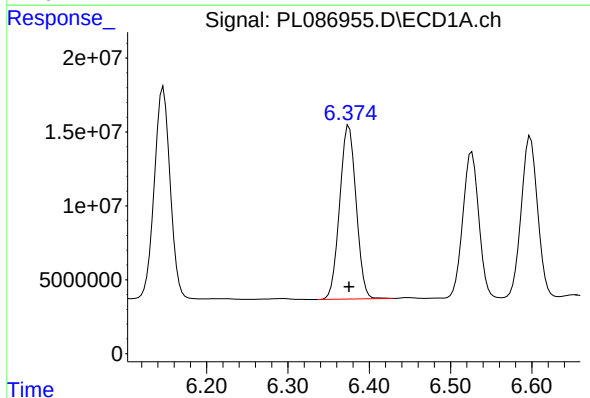
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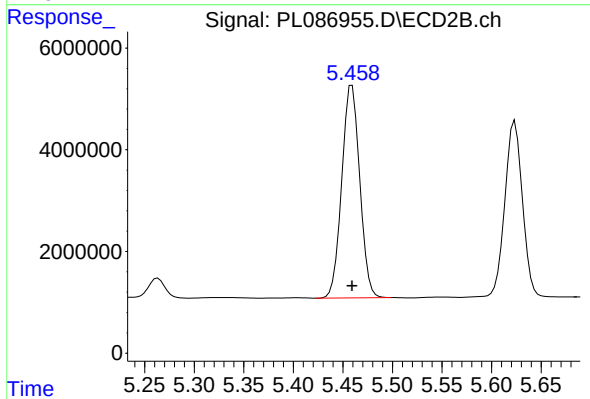
#13 Dieldrin

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 58554864
Conc: 54.68 ng/ml



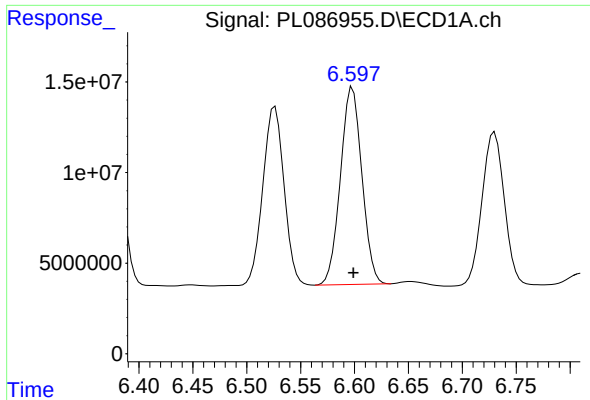
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 164968084
Conc: 64.00 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 52802221
Conc: 62.65 ng/ml



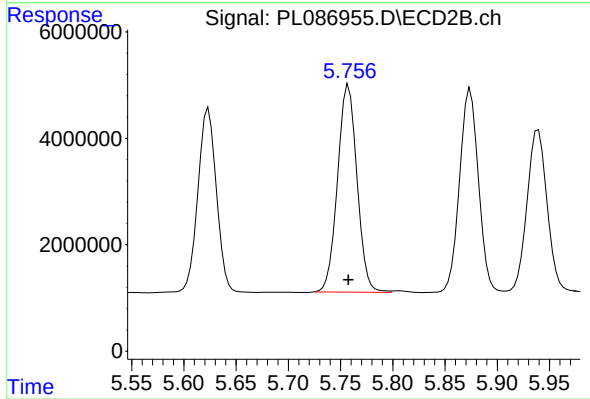
#15 Endosulfan II

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 151111259
Conc: 52.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

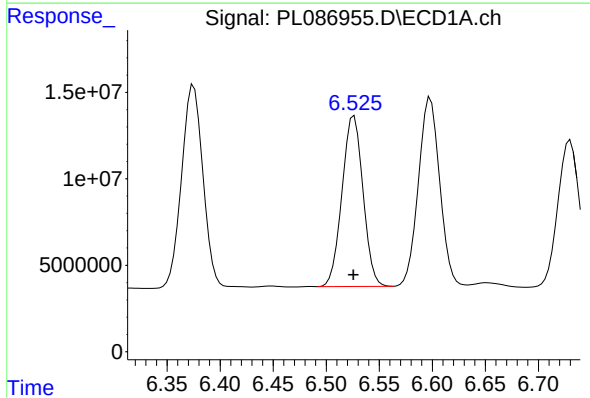
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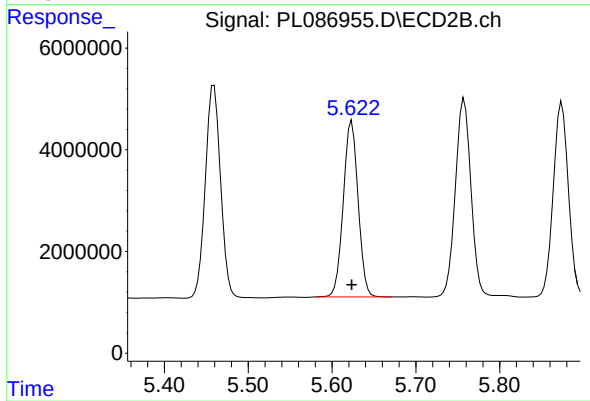
#15 Endosulfan II

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 50470972
Conc: 54.35 ng/ml



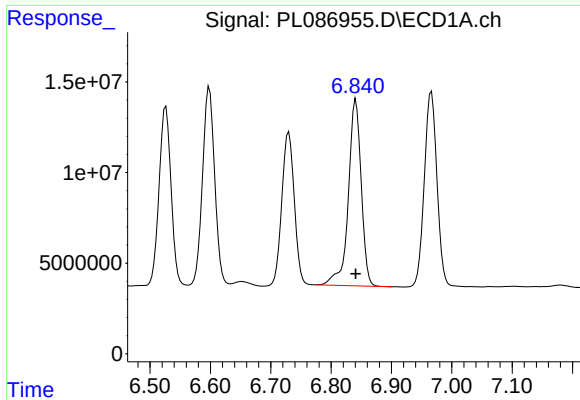
#16 4,4'-DDD

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 135466409
Conc: 57.85 ng/ml



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 42562558
Conc: 55.11 ng/ml



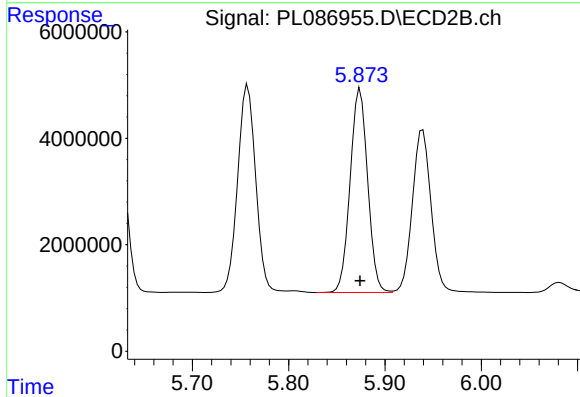
#17 4,4'-DDT

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 152109543
Conc: 59.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

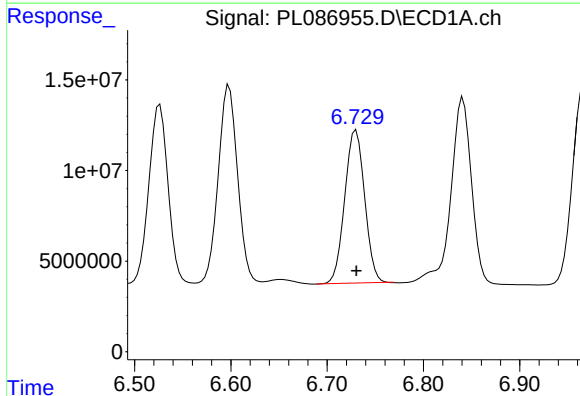
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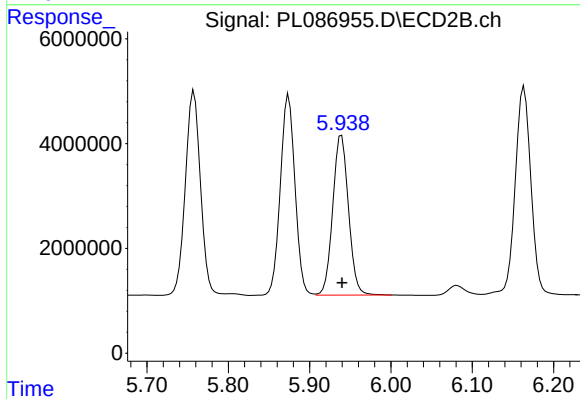
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 48225056
Conc: 59.80 ng/ml



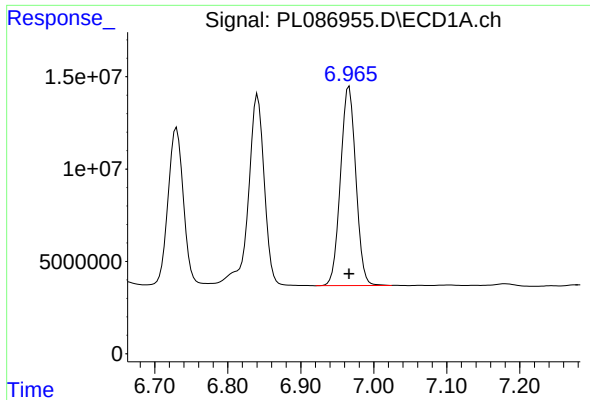
#18 Endrin aldehyde

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 120803457
Conc: 56.63 ng/ml m



#18 Endrin aldehyde

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 41088293
Conc: 58.81 ng/ml



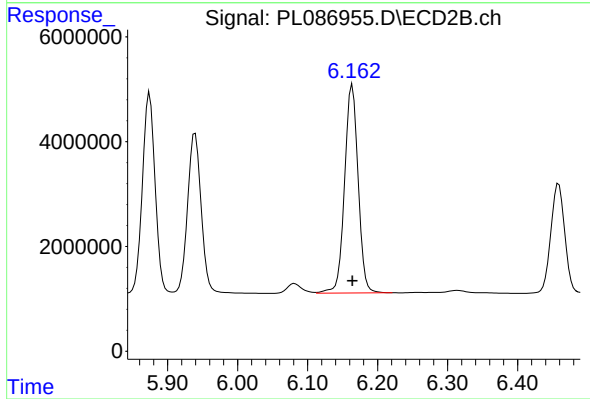
#19 Endosulfan Sulfate

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 157152844
Conc: 55.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

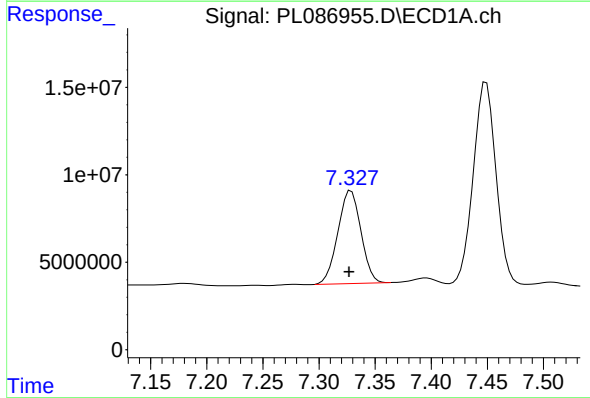
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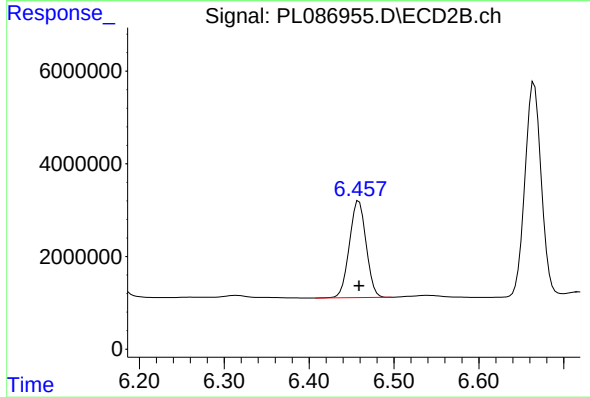
#19 Endosulfan Sulfate

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 53460410
Conc: 56.34 ng/ml



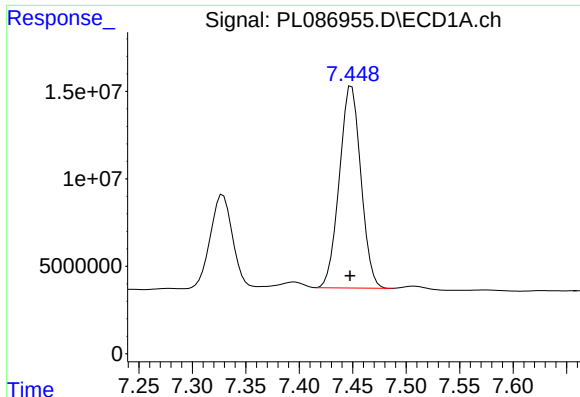
#20 Methoxychlor

R.T.: 7.329 min
Delta R.T.: 0.002 min
Response: 75918613
Conc: 57.49 ng/ml



#20 Methoxychlor

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 28538656
Conc: 55.44 ng/ml



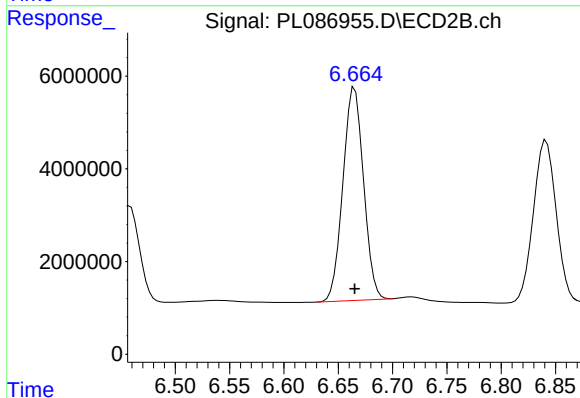
#21 Endrin ketone

R.T.: 7.449 min
Delta R.T.: 0.001 min
Response: 162004942
Conc: 54.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

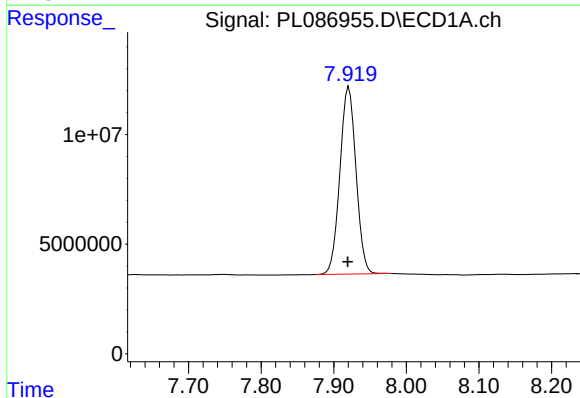
Manual Integrations
APPROVED

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



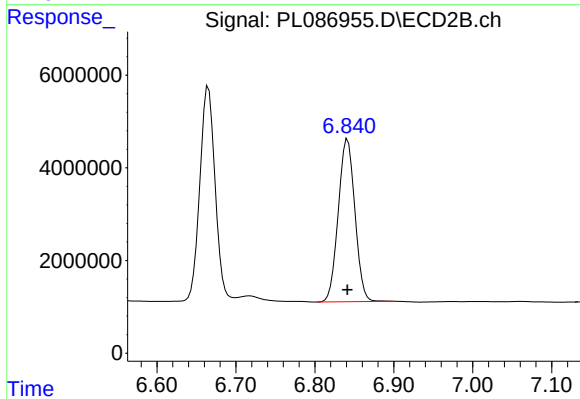
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 60801488
Conc: 53.27 ng/ml



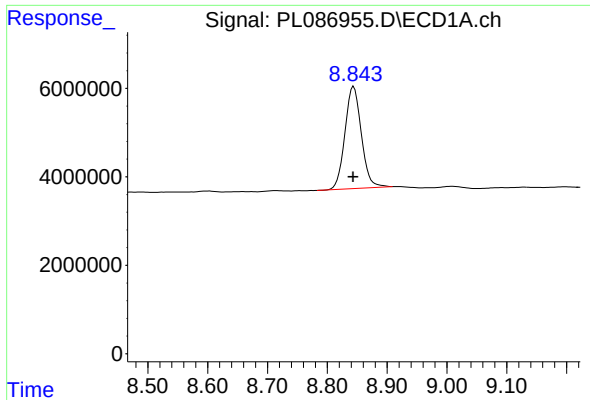
#22 Mirex

R.T.: 7.921 min
Delta R.T.: 0.001 min
Response: 131795411
Conc: 51.53 ng/ml



#22 Mirex

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 51453270
Conc: 49.58 ng/ml



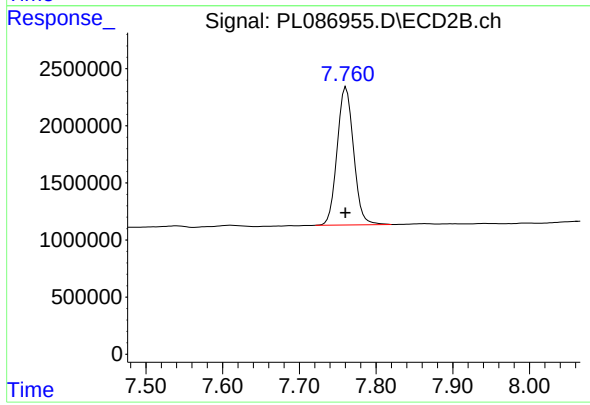
#28 Decachlorobiphenyl

R.T.: 8.844 min
Delta R.T.: 0.001 min
Response: 44044376
Conc: 16.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
LKWD-BACKFILL-06MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 18008411
Conc: 16.33 ng/ml