

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112723\
 Data File : PL086837.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2023 14:29
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :Ankita Jodhani 11/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 20:10:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.353	2.618	156.2E6	49894735	48.095	50.673
28)	SA Decachlor...	8.855	7.768	126.9E6	58153531	43.336	48.156
Target Compounds							
2)	A alpha-BHC	3.807	3.116	233.3E6	70099111	48.505	52.589
3)	MA gamma-BHC...	4.139	3.443	224.5E6	69472237	47.712	52.348
4)	MA Heptachlor	4.725	3.778	215.4E6	68273983	47.227	51.003
5)	MB Aldrin	5.065	4.055	213.2E6	67778459	47.086	52.085
6)	B beta-BHC	4.343	3.745	93591118	30383245	46.273	50.975
7)	B delta-BHC	4.586	3.970	218.8E6	69274645	47.649	52.951
8)	B Heptachlo...	5.495	4.560	184.0E6	61894254	47.345	51.535
9)	A Endosulfan I	5.880	4.927	174.8E6	58226454	46.597	50.639
10)	B gamma-Chl...	5.753	4.811	194.9E6	63738905	47.579	51.661
11)	B alpha-Chl...	5.832	4.875	189.9E6	64131018	46.776	51.285
12)	B 4,4'-DDE	6.016	5.073	161.0E6	56006222	46.428	54.559m
13)	MA Dieldrin	6.156	5.193	179.9E6	61516669	45.744	51.557
14)	MA Endrin	6.385	5.467	149.6E6	55908707	43.436	51.043
15)	B Endosulfa...	6.608	5.765	157.5E6	56453406	44.325	51.436
16)	A 4,4'-DDD	6.536	5.631	136.2E6	49178755	51.159	57.723
17)	MA 4,4'-DDT	6.850	5.882	126.4E6	48386305	42.628	49.496
18)	B Endrin al...	6.739	5.946	112.7E6	45054011	42.512	48.096
19)	B Endosulfa...	6.975	6.171	144.1E6	55609714	42.945	51.198
20)	A Methoxychlor	7.337	6.466	67541024	29161299	42.322	48.751
21)	B Endrin ke...	7.458	6.673	153.9E6	65994979	45.152	51.506
22)	Mirex	7.930	6.849	116.7E6	54624667	41.333	48.054

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

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Data File : PL086837.D
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Acq On : 27 Nov 2023 14:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

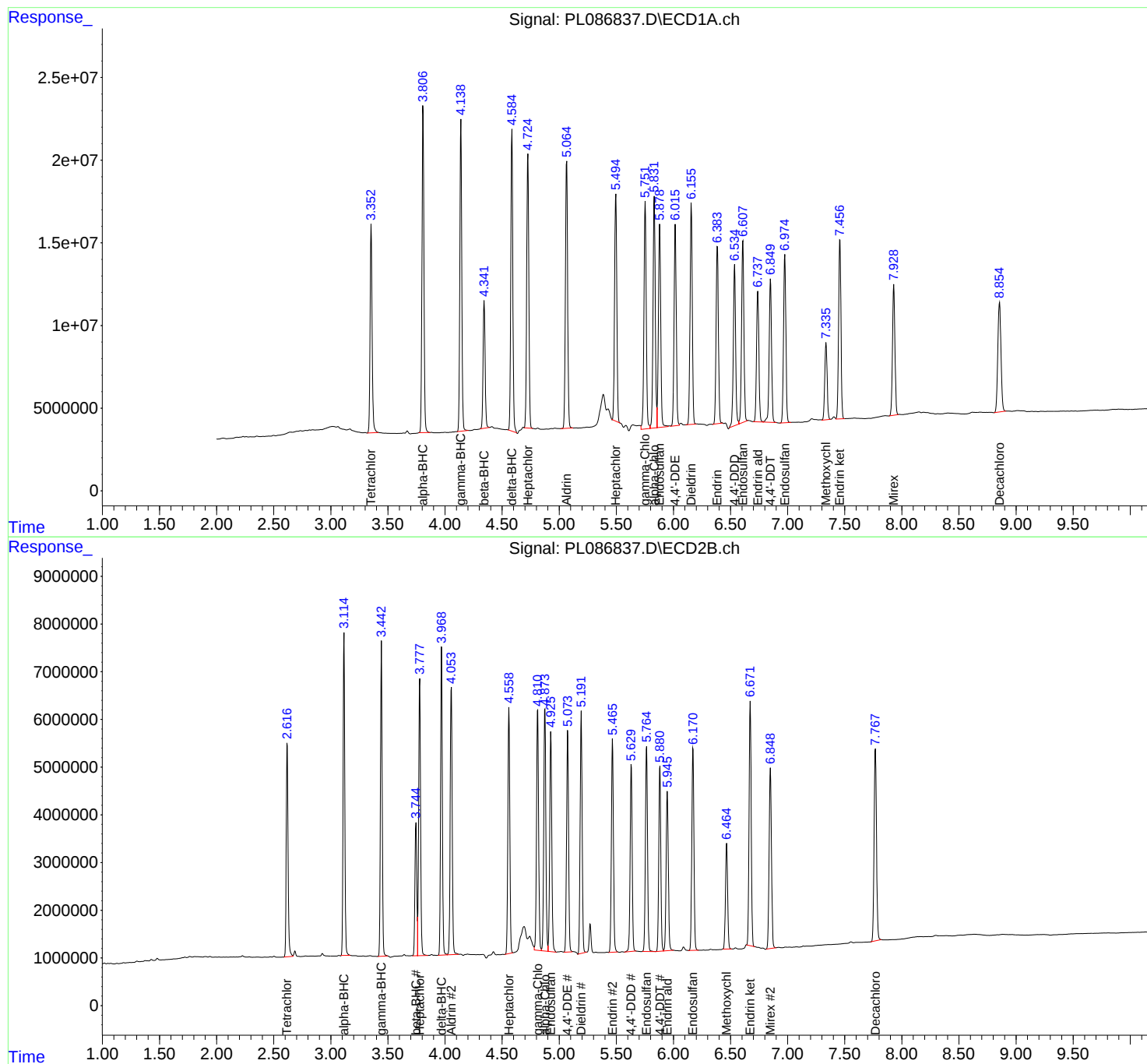
Manual Integrations

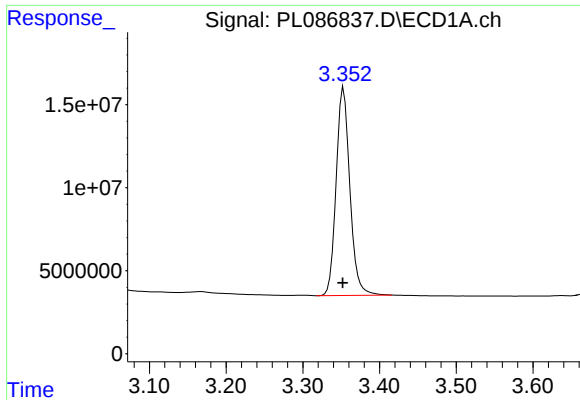
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Supervised By :Ankita Jodhani 11/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 27 20:10:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 13:04:14 2023
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





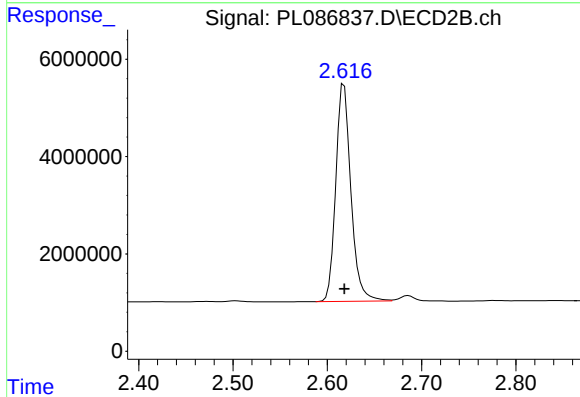
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 156165933
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

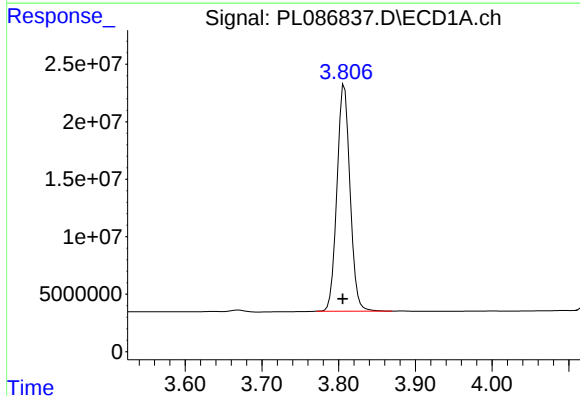
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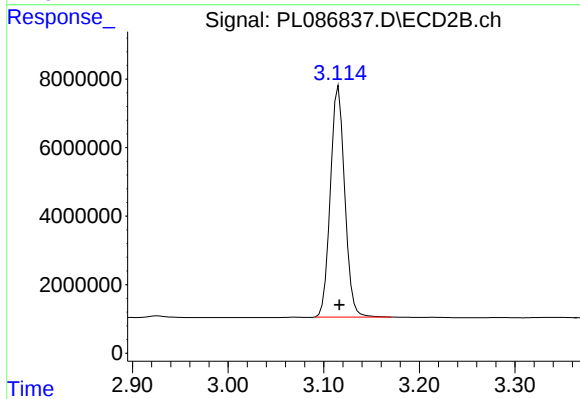
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 49894735
Conc: 50.67 ng/ml



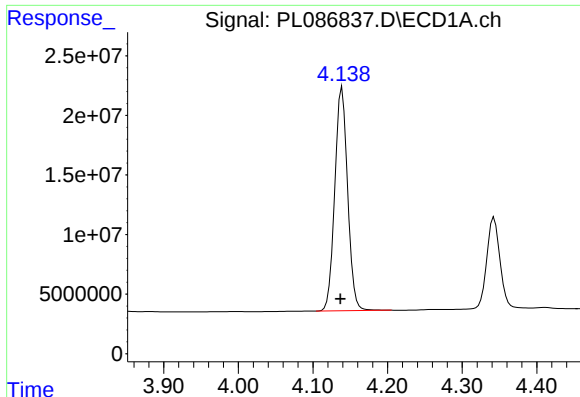
#2 alpha-BHC

R.T.: 3.807 min
Delta R.T.: 0.002 min
Response: 233331087
Conc: 48.51 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 70099111
Conc: 52.59 ng/ml



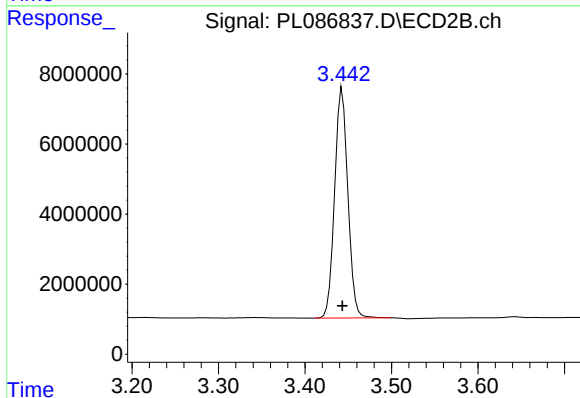
#3 gamma-BHC (Lindane)

R.T.: 4.139 min
Delta R.T.: 0.002 min
Response: 224465598
Conc: 47.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

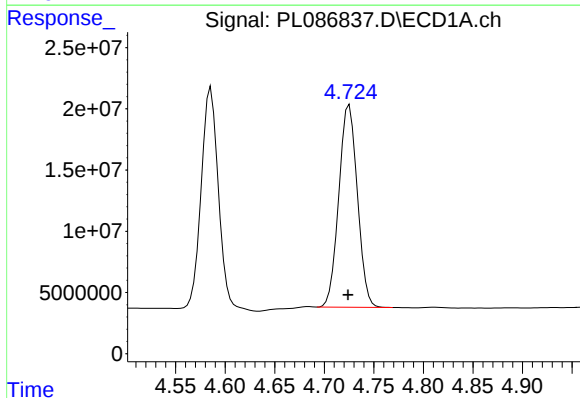
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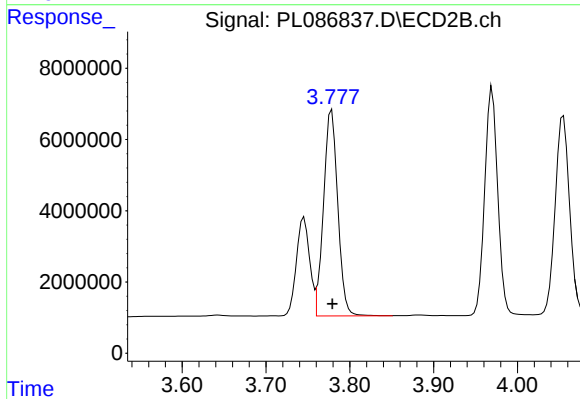
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 69472237
Conc: 52.35 ng/ml



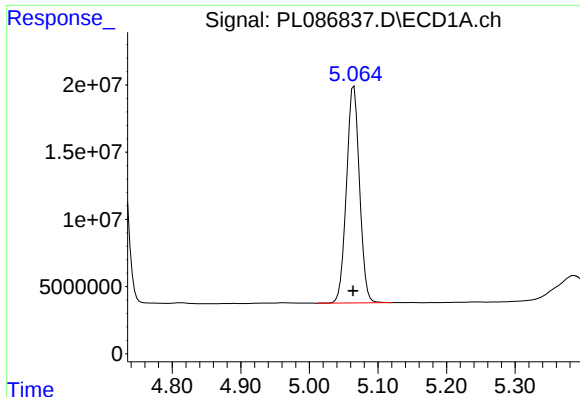
#4 Heptachlor

R.T.: 4.725 min
Delta R.T.: 0.001 min
Response: 215447497
Conc: 47.23 ng/ml



#4 Heptachlor

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 68273983
Conc: 51.00 ng/ml



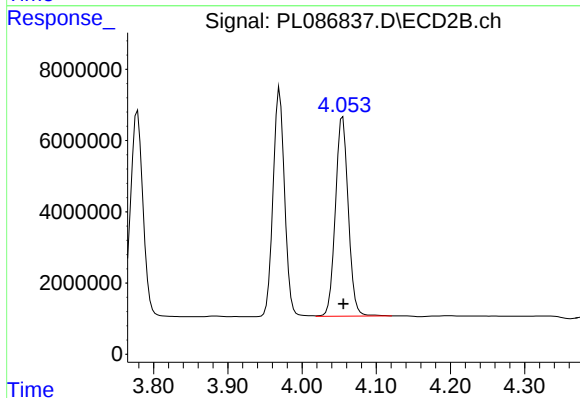
#5 Aldrin

R.T.: 5.065 min
Delta R.T.: 0.001 min
Response: 213175653
Conc: 47.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

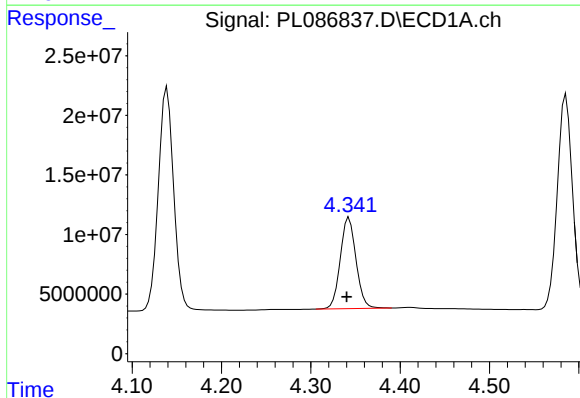
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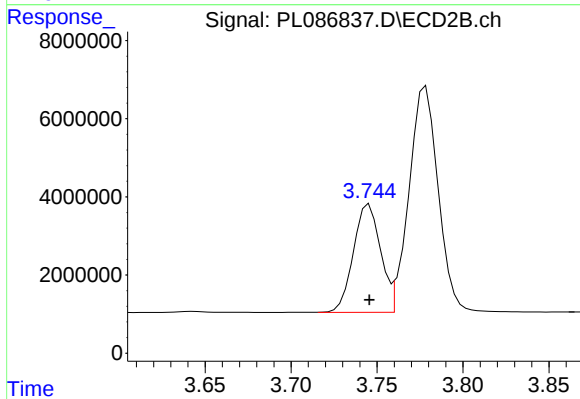
#5 Aldrin

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 67778459
Conc: 52.09 ng/ml



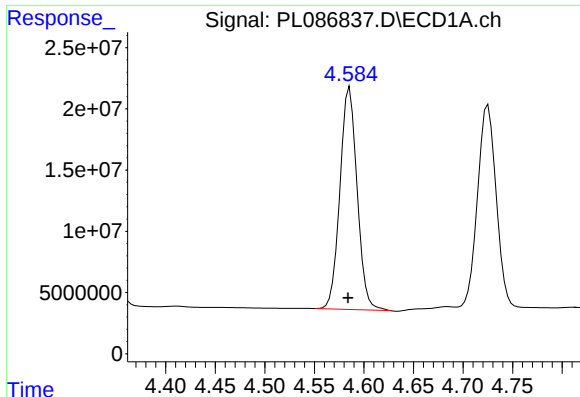
#6 beta-BHC

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 93591118
Conc: 46.27 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 30383245
Conc: 50.97 ng/ml



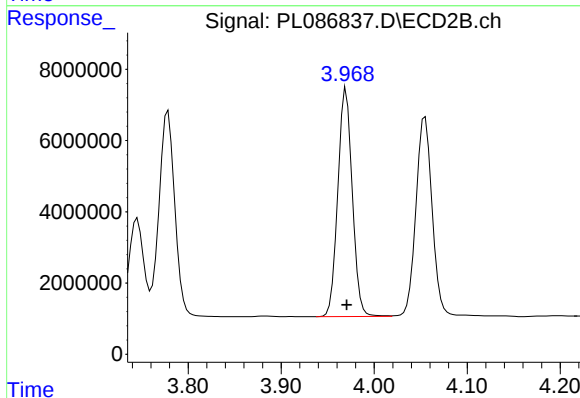
#7 delta-BHC

R.T.: 4.586 min
Delta R.T.: 0.002 min
Response: 218771443
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

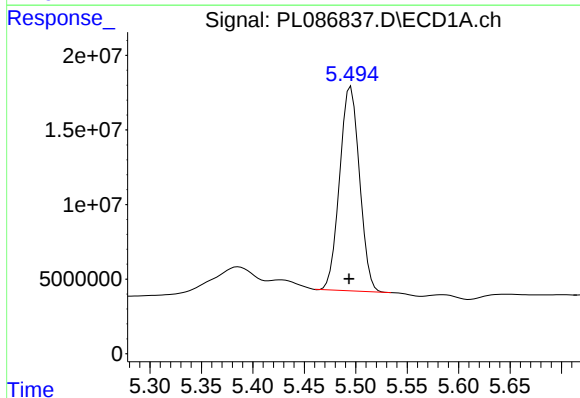
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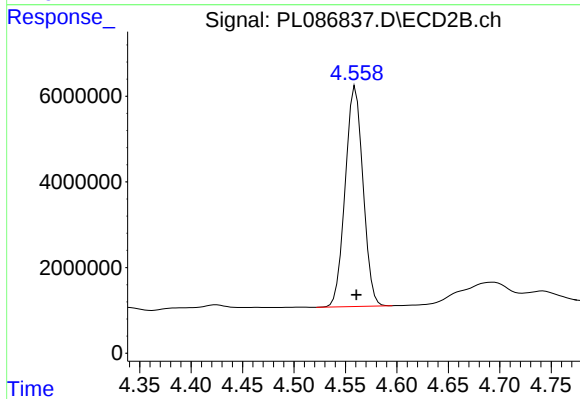
#7 delta-BHC

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 69274645
Conc: 52.95 ng/ml



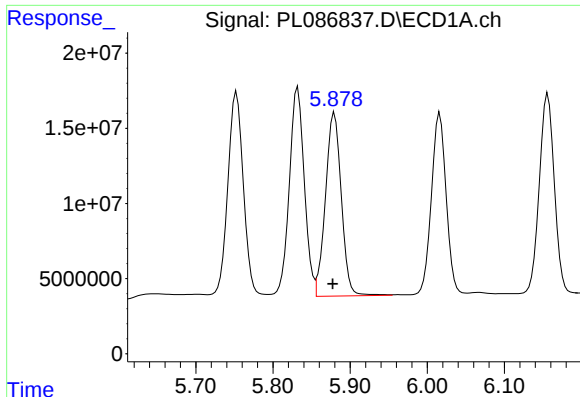
#8 Heptachlor epoxide

R.T.: 5.495 min
Delta R.T.: 0.002 min
Response: 184045847
Conc: 47.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 61894254
Conc: 51.53 ng/ml



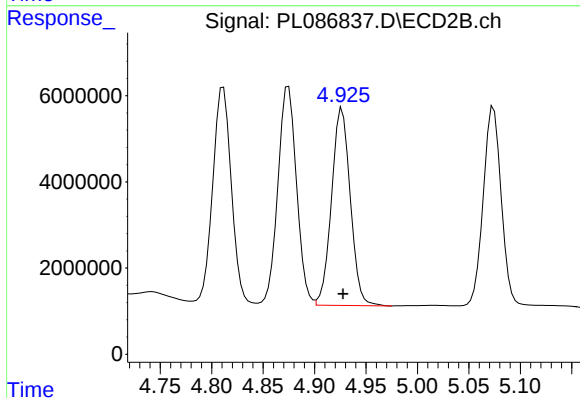
#9 Endosulfan I

R.T.: 5.880 min
Delta R.T.: 0.002 min
Response: 174812170
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

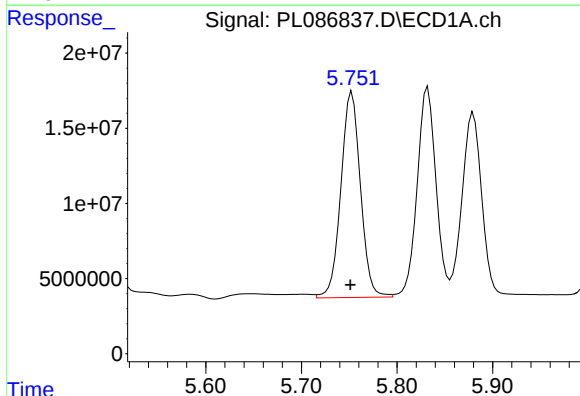
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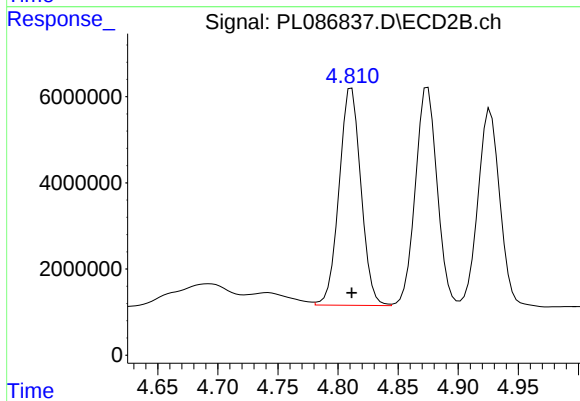
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: -0.001 min
Response: 58226454
Conc: 50.64 ng/ml



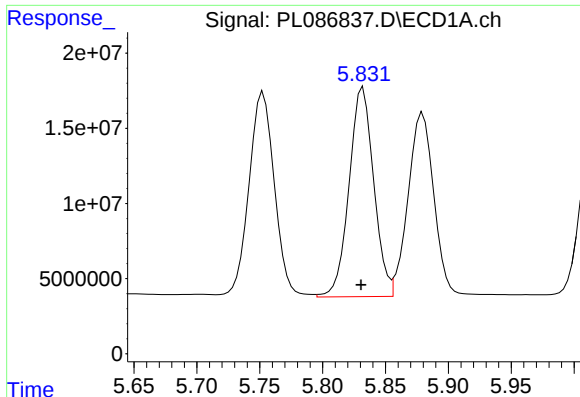
#10 gamma-Chlordane

R.T.: 5.753 min
Delta R.T.: 0.001 min
Response: 194940849
Conc: 47.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 63738905
Conc: 51.66 ng/ml



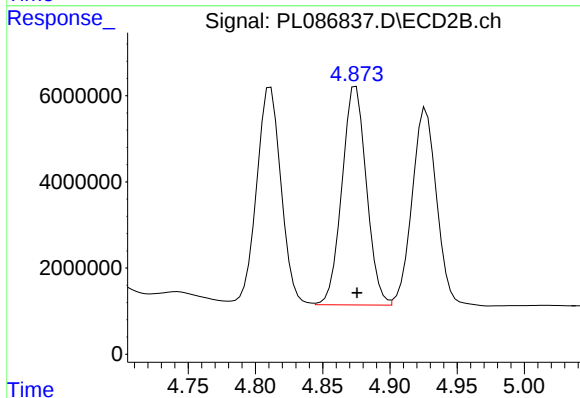
#11 alpha-Chlordane

R.T.: 5.832 min
Delta R.T.: 0.002 min
Response: 189909257
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

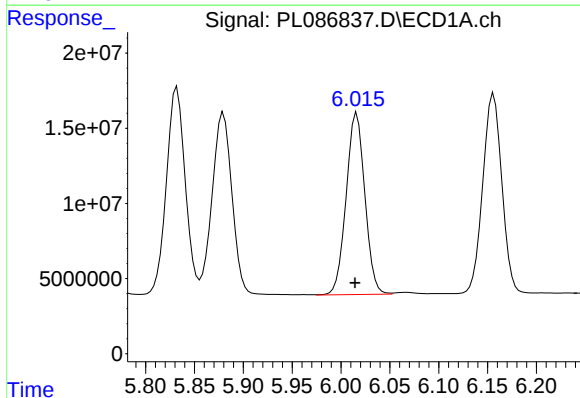
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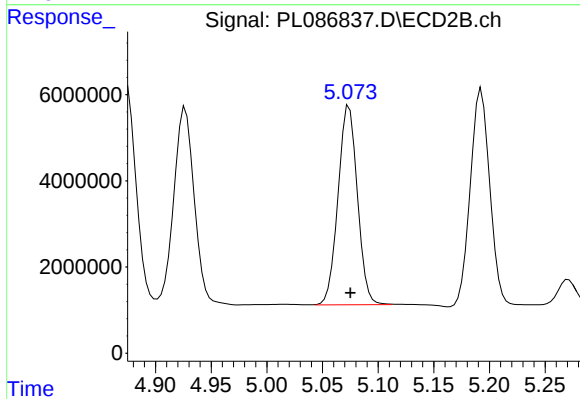
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 64131018
Conc: 51.29 ng/ml



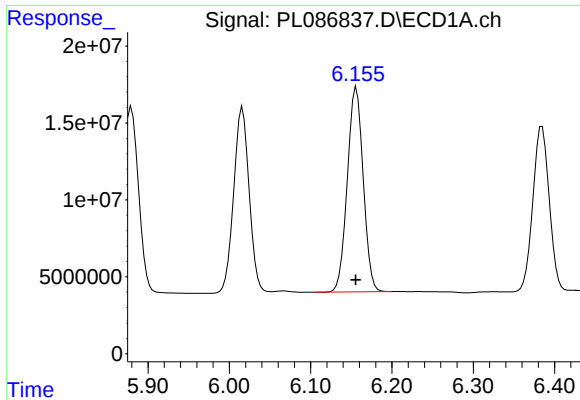
#12 4,4'-DDE

R.T.: 6.016 min
Delta R.T.: 0.002 min
Response: 161026572
Conc: 46.43 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 56006222
Conc: 54.56 ng/ml m



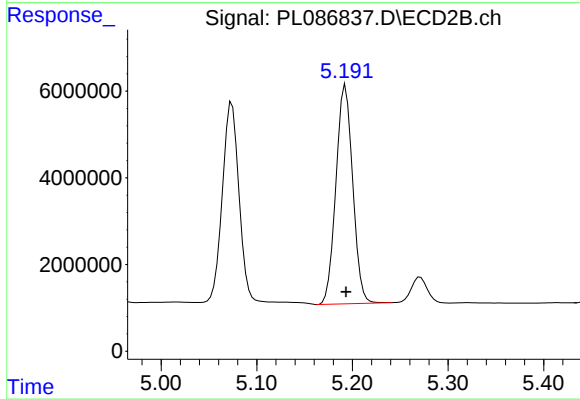
#13 Dieldrin

R.T.: 6.156 min
Delta R.T.: 0.001 min
Response: 179863923
Conc: 45.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

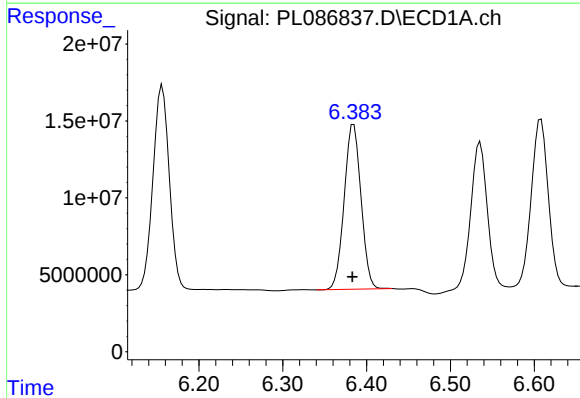
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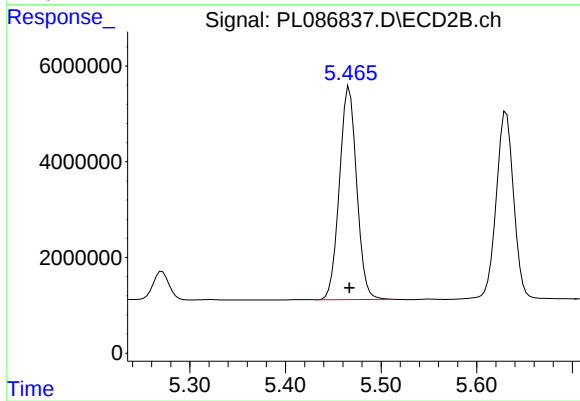
#13 Dieldrin

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 61516669
Conc: 51.56 ng/ml



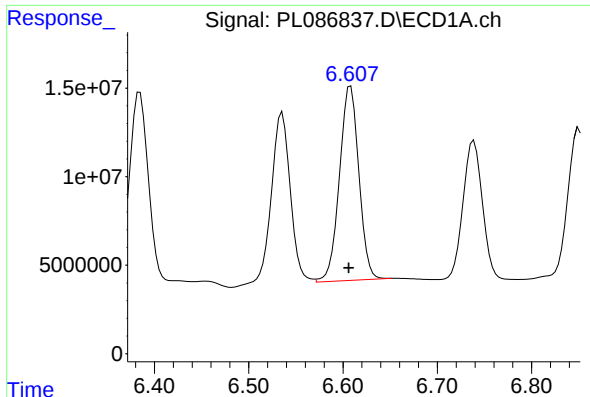
#14 Endrin

R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 149610988
Conc: 43.44 ng/ml



#14 Endrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 55908707
Conc: 51.04 ng/ml



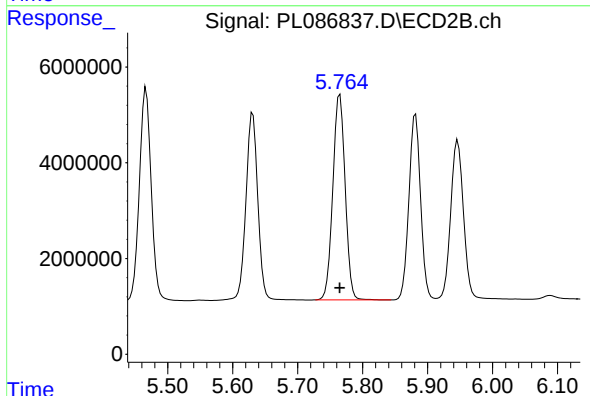
#15 Endosulfan II

R.T.: 6.608 min
Delta R.T.: 0.002 min
Response: 157549777
Conc: 44.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

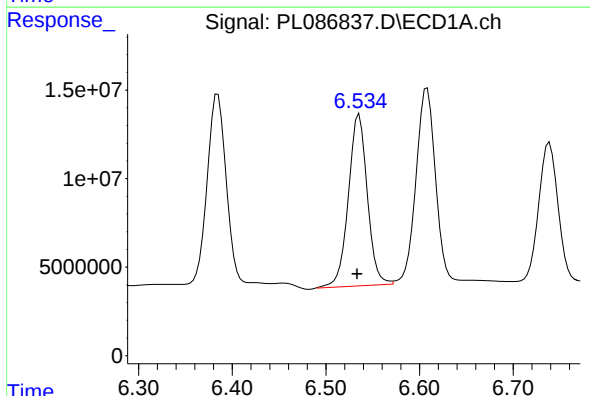
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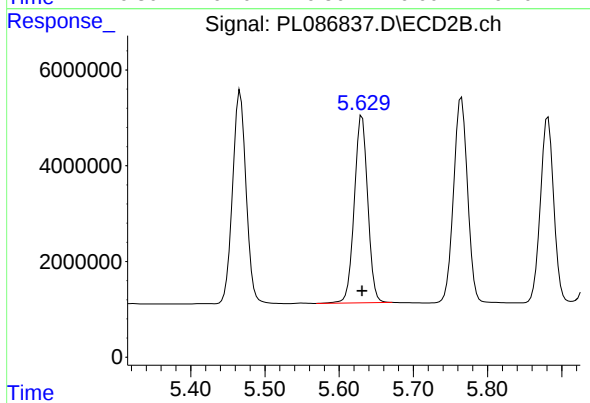
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 56453406
Conc: 51.44 ng/ml



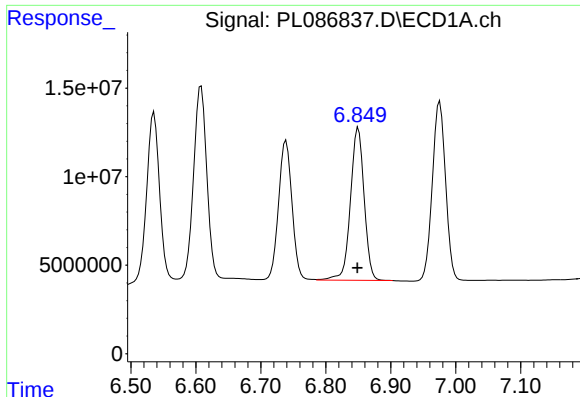
#16 4,4'-DDD

R.T.: 6.536 min
Delta R.T.: 0.002 min
Response: 136224964
Conc: 51.16 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 49178755
Conc: 57.72 ng/ml



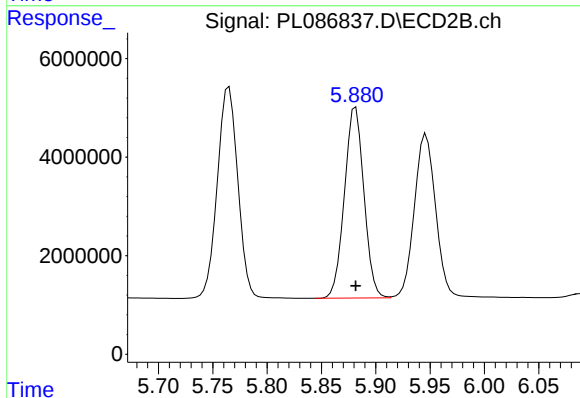
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 126363702
Conc: 42.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

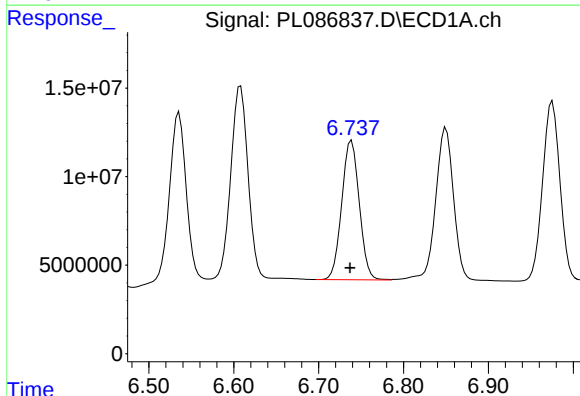
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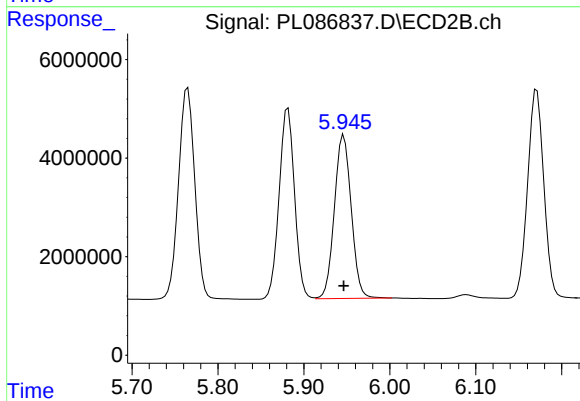
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 48386305
Conc: 49.50 ng/ml



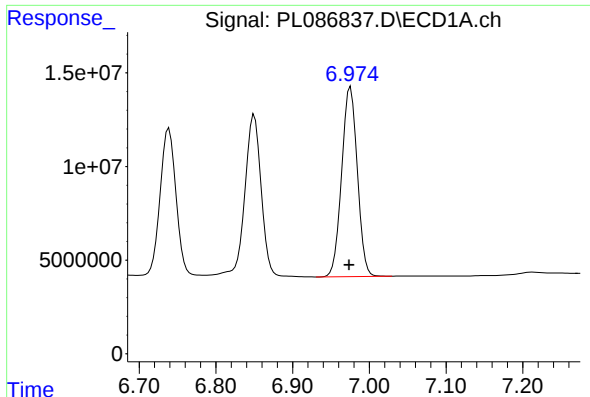
#18 Endrin aldehyde

R.T.: 6.739 min
Delta R.T.: 0.002 min
Response: 112705607
Conc: 42.51 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 45054011
Conc: 48.10 ng/ml



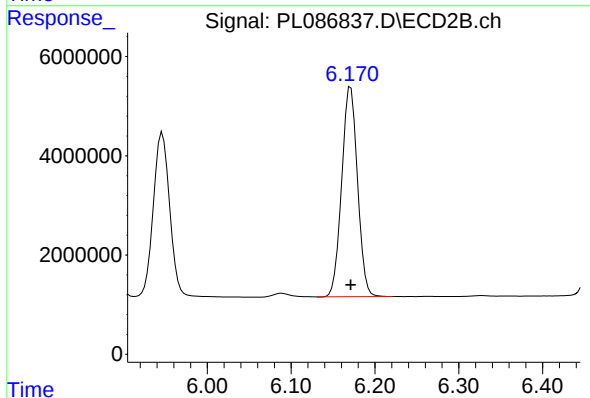
#19 Endosulfan Sulfate

R.T.: 6.975 min
Delta R.T.: 0.002 min
Response: 144136210
Conc: 42.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

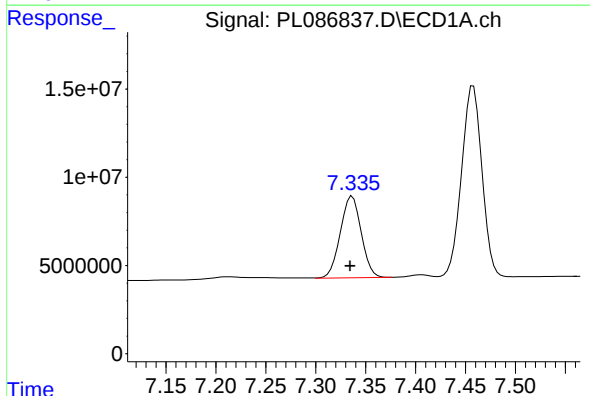
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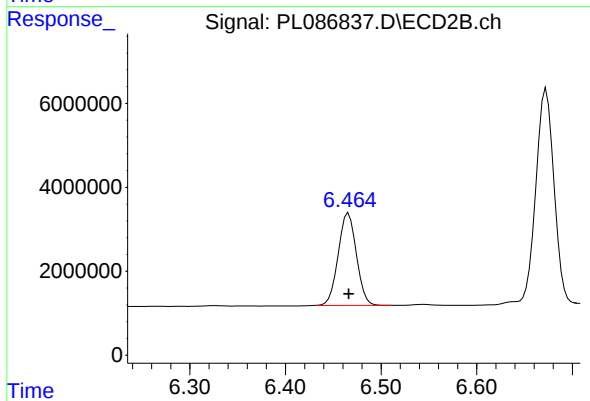
#19 Endosulfan Sulfate

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 55609714
Conc: 51.20 ng/ml



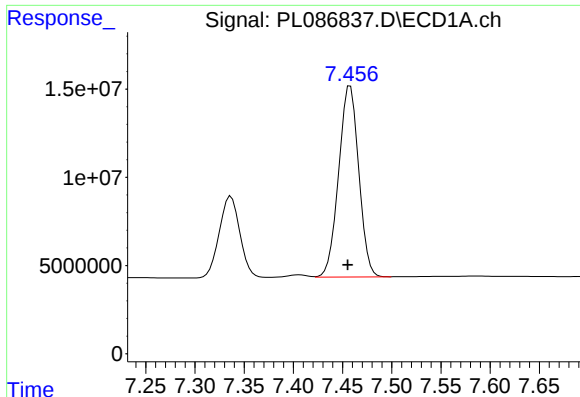
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: 0.002 min
Response: 67541024
Conc: 42.32 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 29161299
Conc: 48.75 ng/ml



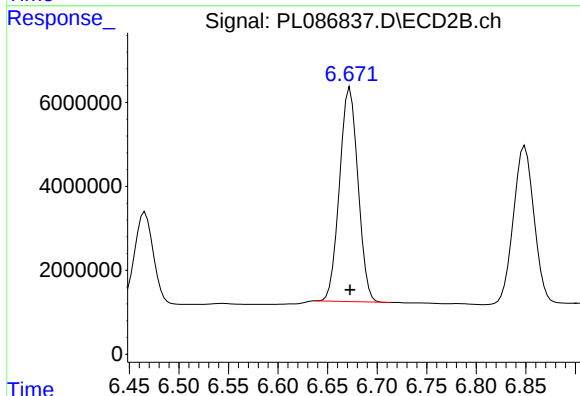
#21 Endrin ketone

R.T.: 7.458 min
Delta R.T.: 0.003 min
Response: 153879153
Conc: 45.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

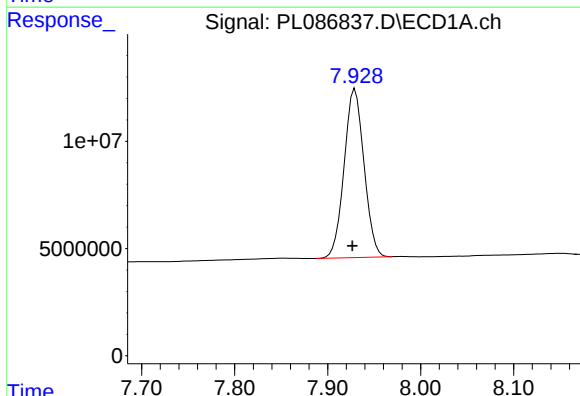
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Reviewed By :Yogesh Patel 11/28/2023
Supervised By :Ankita Jodhani 11/28/2023



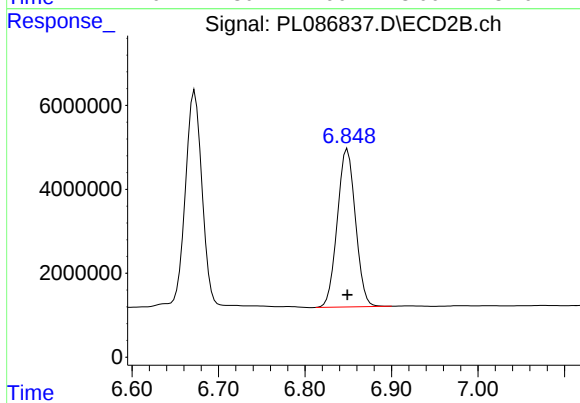
#21 Endrin ketone

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 65994979
Conc: 51.51 ng/ml



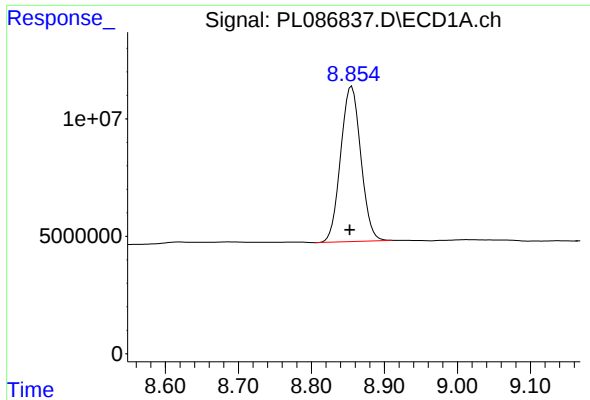
#22 Mirex

R.T.: 7.930 min
Delta R.T.: 0.003 min
Response: 116729232
Conc: 41.33 ng/ml



#22 Mirex

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 54624667
Conc: 48.05 ng/ml



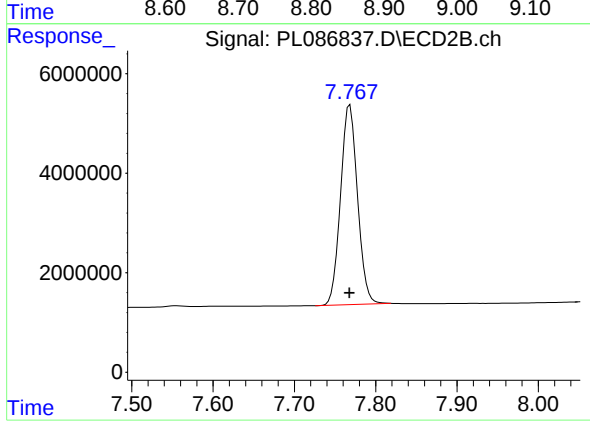
#28 Decachlorobiphenyl

R.T.: 8.855 min
Delta R.T.: 0.003 min
Response: 126850335
Conc: 43.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 11/28/2023



#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 58153531
Conc: 48.16 ng/ml