

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092924\
 Data File : PL092140.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2024 11:27
 Operator : AR\AJ
 Sample : PB163696BS (Sig #1); PB162696BS (Sig #2)
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163696BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/30/2024
 Supervised By :Ankita Jodhani 09/30/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 04:26:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 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...	3.547	2.782	39960133	45602078	17.962	18.182
28)	SA Decachlor...	9.061	7.923	27340269	45253068	16.689m	18.087
Target Compounds							
2)	A alpha-BHC	4.003	3.285	159.2E6	200.0E6	51.407	54.895
3)	MA gamma-BHC...	4.335	3.616	154.3E6	187.0E6	49.780	52.974
4)	MA Heptachlor	4.924	3.955	141.3E6	185.7E6	51.112	53.810
5)	MB Aldrin	5.264	4.234	134.1E6	182.6E6	48.297m	53.690m
6)	B beta-BHC	4.532	3.915	66633206	80638370	50.237	53.648
7)	B delta-BHC	4.780	4.144	143.7E6	190.0E6	49.806	54.731
8)	B Heptachlo...	5.691	4.738	142.8E6	160.6E6	56.115	53.137
9)	A Endosulfan I	6.077	5.108	120.9E6	139.7E6	52.239	50.886
10)	B gamma-Chl...	5.946	4.988	122.8E6	165.7E6	49.698m	55.084
11)	B alpha-Chl...	6.025	5.052	120.3E6	161.8E6	48.823m	54.056
12)	B 4,4'-DDE	6.199	5.240	108.7E6	151.8E6	50.203	54.631m
13)	MA Dieldrin	6.351	5.372	120.6E6	159.2E6	49.434	54.291
14)	MA Endrin	6.581	5.648	92596186	140.3E6	44.934	53.511
15)	B Endosulfa...	6.801	5.941	106.2E6	138.4E6	48.297	55.310m
16)	A 4,4'-DDD	6.715	5.796	94028851	121.7E6	52.363m	56.956
17)	MA 4,4'-DDT	7.030	6.046	89114208	120.6E6	48.400	52.138
18)	B Endrin al...	6.930	6.122	84380616	106.1E6	48.418	51.979
19)	B Endosulfa...	7.165	6.344	96460332	130.1E6	48.661	53.938
20)	A Methoxychlor	7.504	6.621	49385787	61881192	50.306m	49.491
21)	B Endrin ke...	7.650	6.848	109.1E6	164.9E6	49.661	59.554m
22)	Mirex	8.123	7.030	83322601	119.5E6	46.265	49.112m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092924\
Data File : PL092140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2024 11:27
Operator : AR\AJ
Sample : PB163696BS (Sig #1); PB162696BS (Sig #2)
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163696BS

Manual Integrations

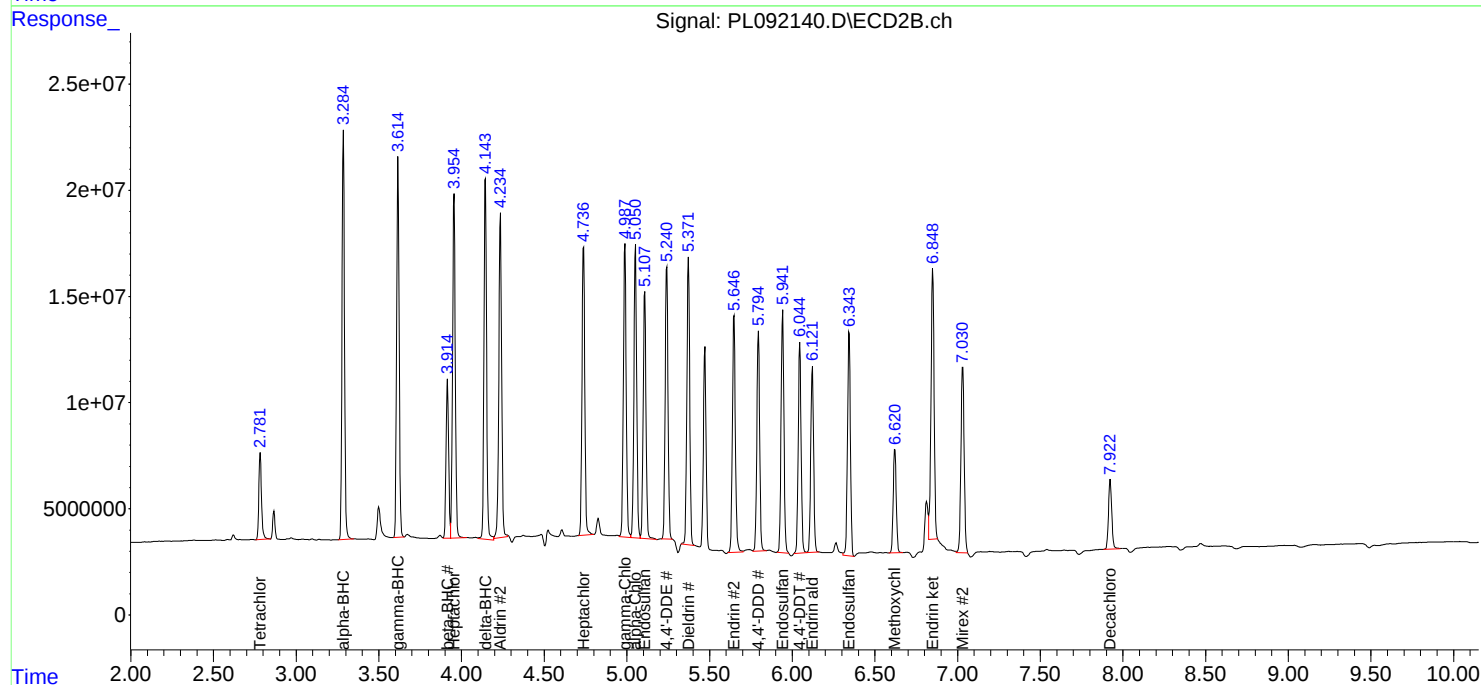
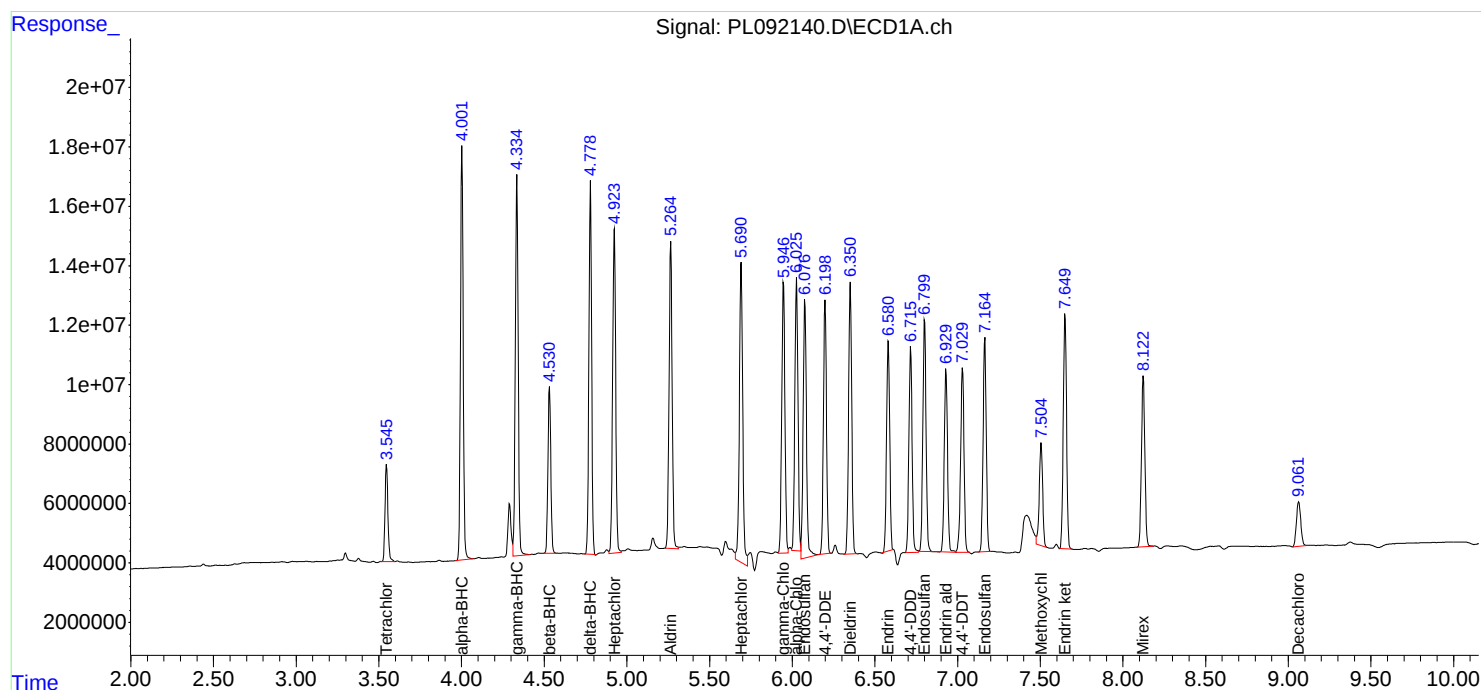
APPROVED

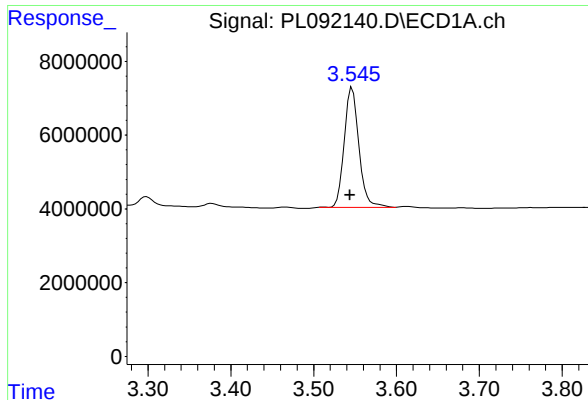
Reviewed By :Abdul Mirza 09/30/2024

Supervised By :Ankita Jodhani 09/30/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 04:26:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
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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





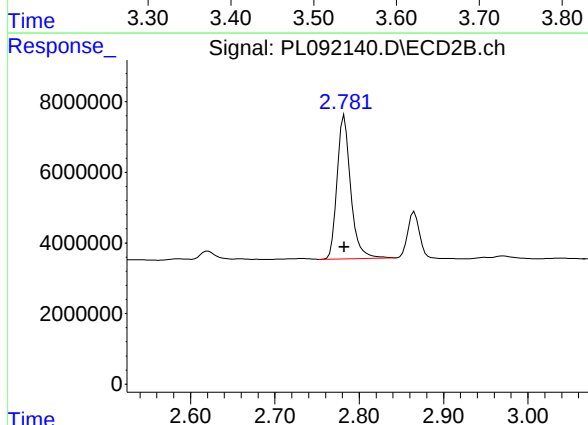
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.003 min
Response: 39960133
Conc: 17.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163696BS

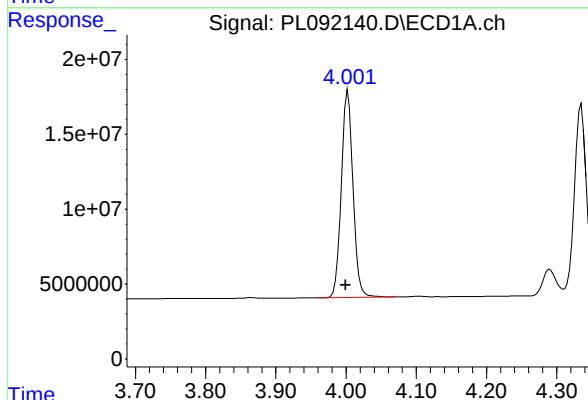
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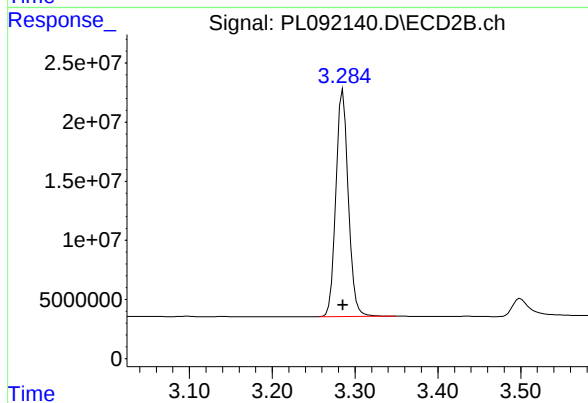
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 45602078
Conc: 18.18 ng/ml



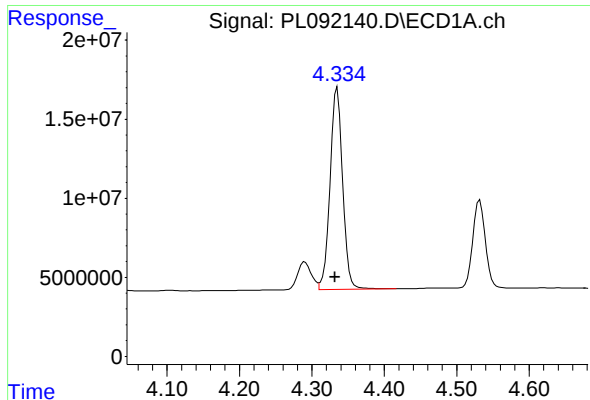
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.003 min
Response: 159181584
Conc: 51.41 ng/ml



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 199999870
Conc: 54.89 ng/ml



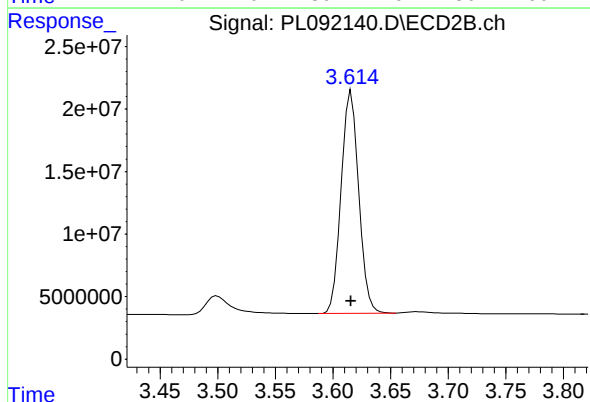
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.003 min
Response: 154259698
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163696BS

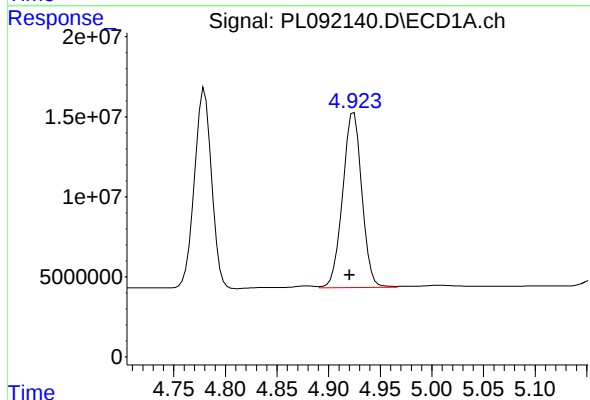
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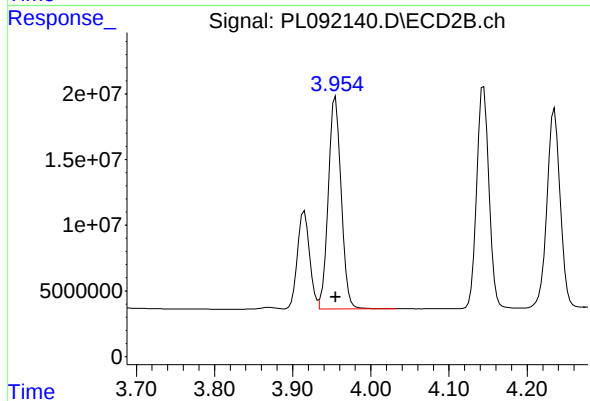
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 187048162
Conc: 52.97 ng/ml



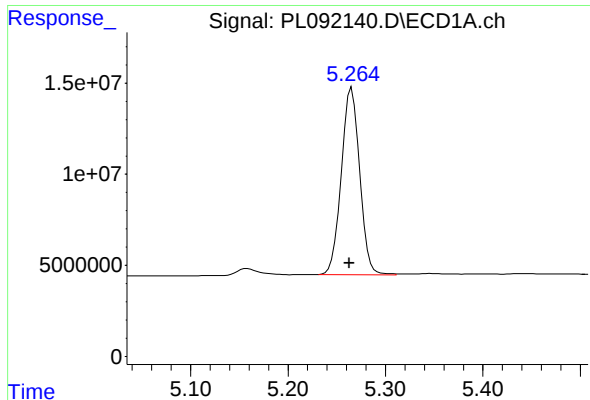
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.004 min
Response: 141348150
Conc: 51.11 ng/ml



#4 Heptachlor

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 185677062
Conc: 53.81 ng/ml



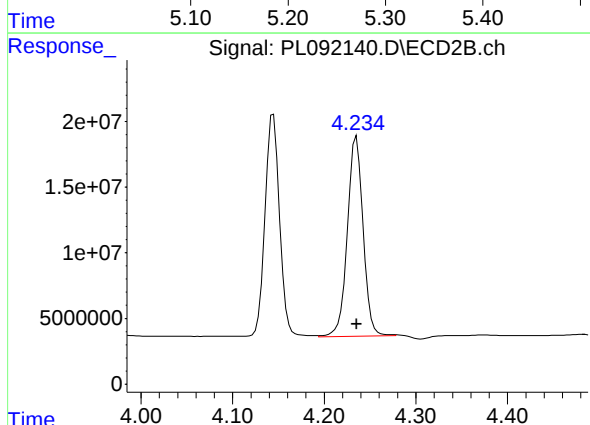
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 134148534
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163696BS

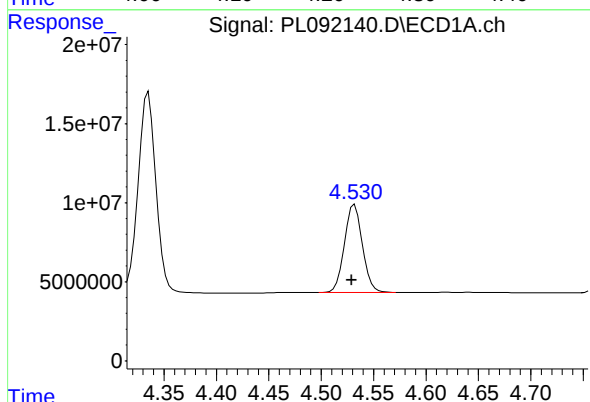
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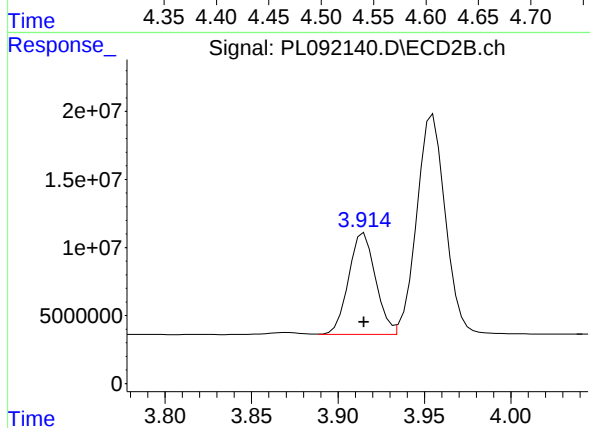
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 182606576
Conc: 53.69 ng/ml



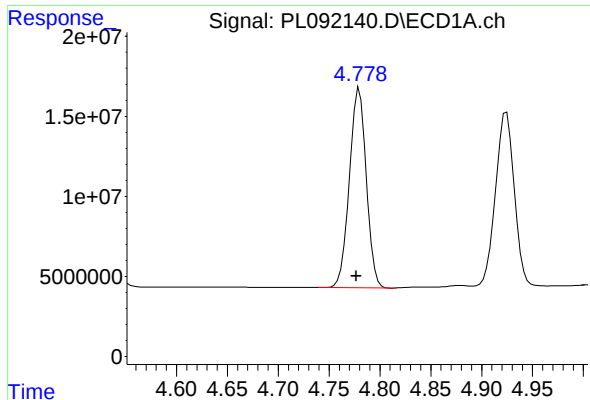
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.003 min
Response: 66633206
Conc: 50.24 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 80638370
Conc: 53.65 ng/ml



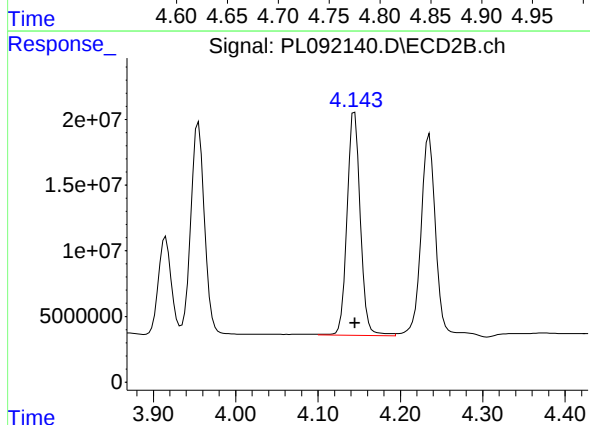
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.003 min
Response: 143650129
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163696BS

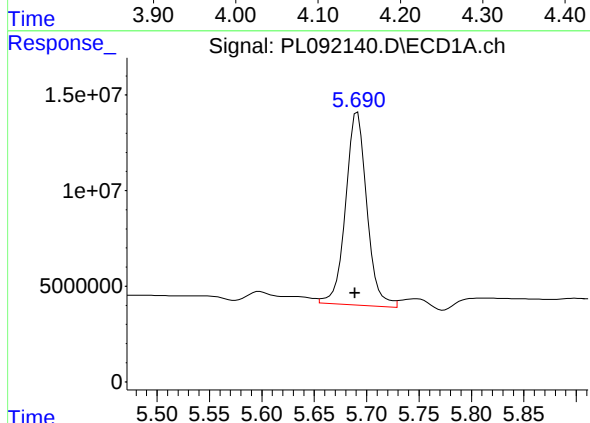
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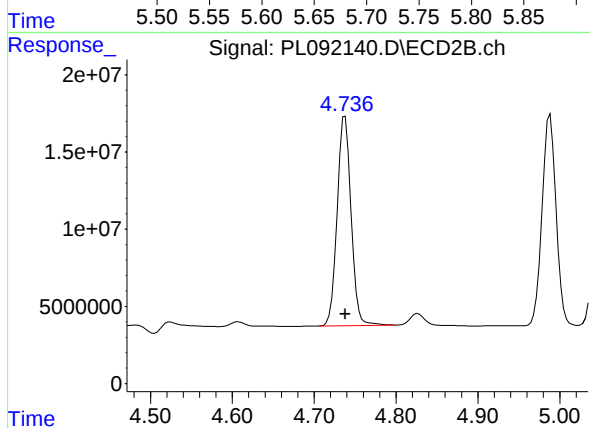
#7 delta-BHC

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 190010544
Conc: 54.73 ng/ml



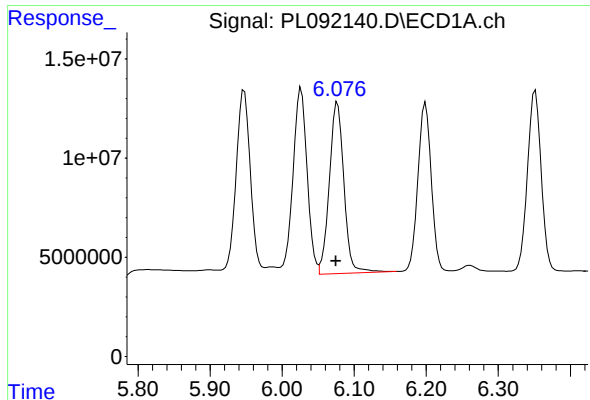
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 142813531
Conc: 56.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 160627769
Conc: 53.14 ng/ml



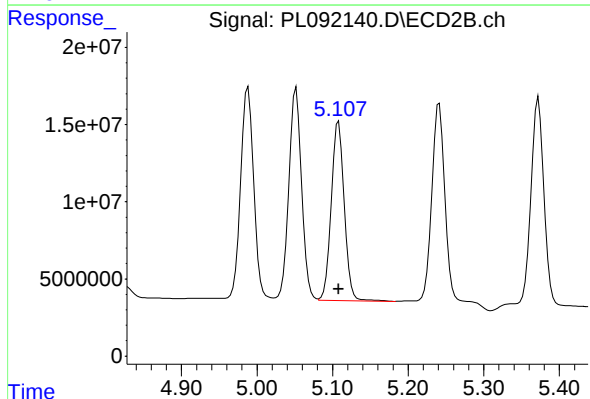
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.002 min
Response: 120850160
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163696BS

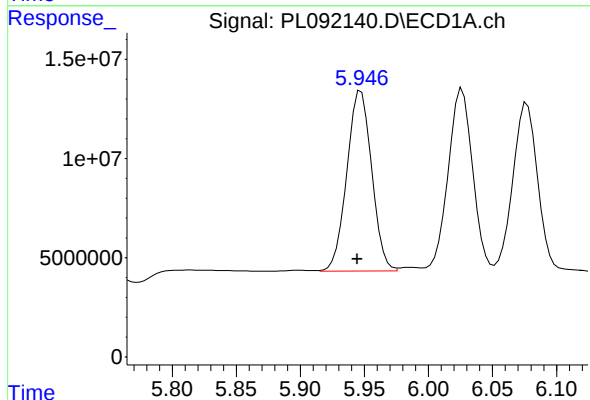
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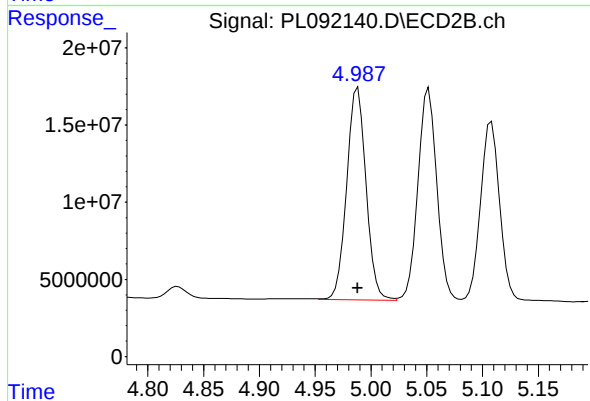
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 139663515
Conc: 50.89 ng/ml



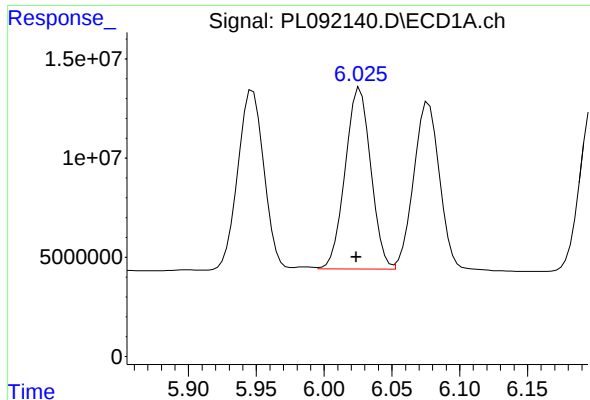
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.001 min
Response: 122812444
Conc: 49.70 ng/ml m



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 165723582
Conc: 55.08 ng/ml



#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 120267833
Conc: 48.82 ng/ml

Instrument :

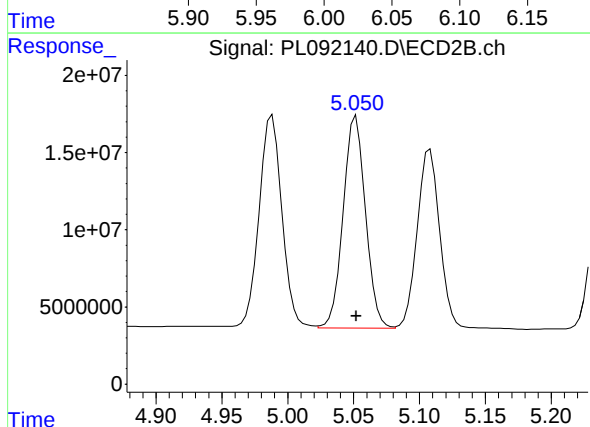
ECD_L

ClientSampleId :

PB163696BS

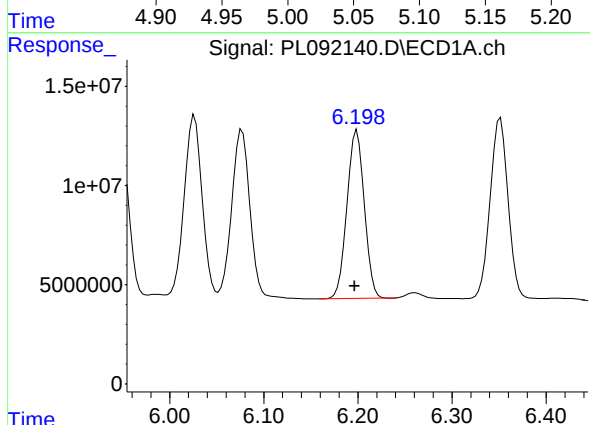
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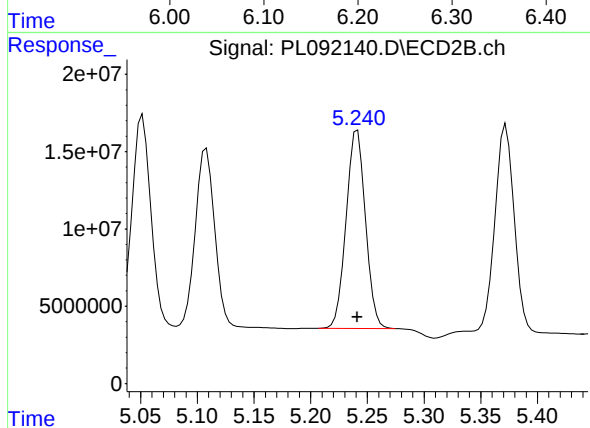
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 161819418
Conc: 54.06 ng/ml



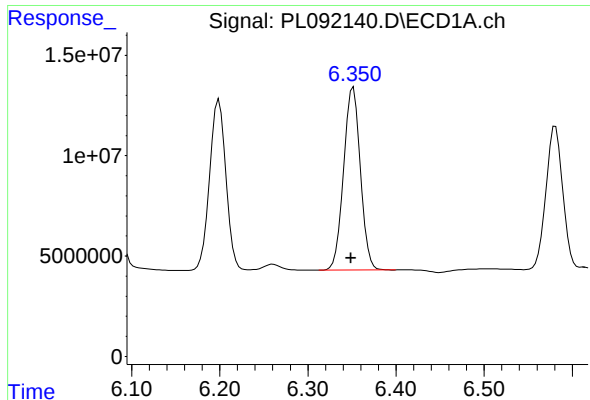
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 108660590
Conc: 50.20 ng/ml



#12 4,4'-DDE

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 151809992
Conc: 54.63 ng/ml m



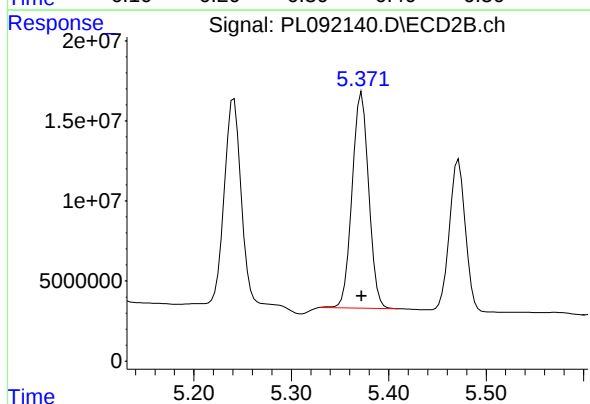
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 120562441
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163696BS

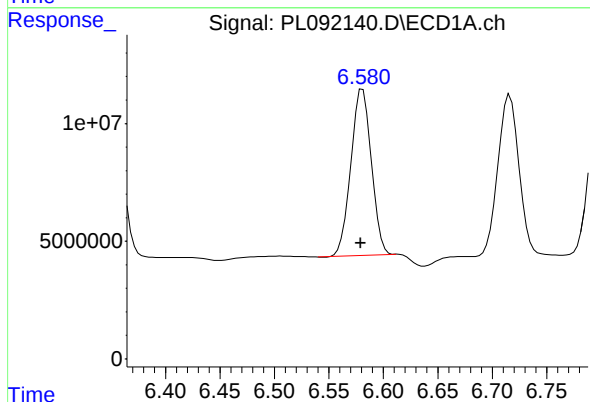
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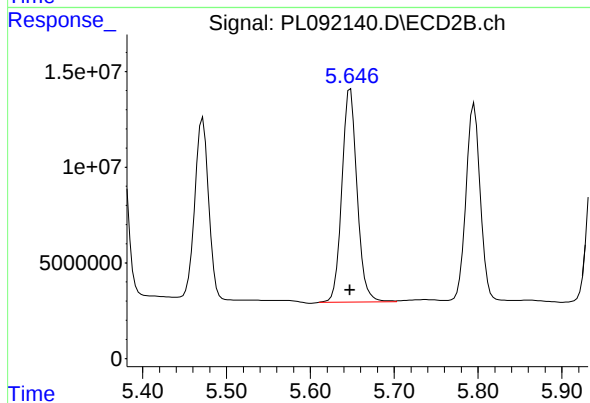
#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 159173333
Conc: 54.29 ng/ml



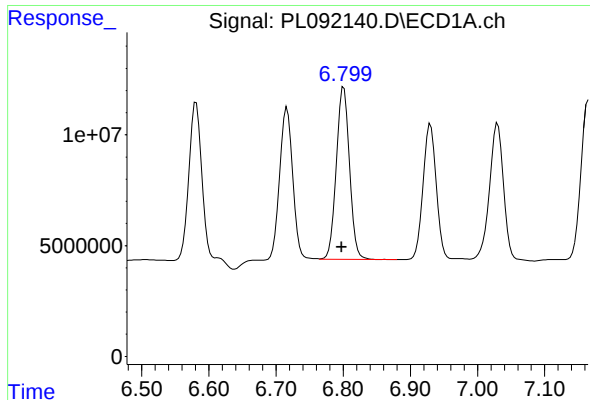
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 92596186
Conc: 44.93 ng/ml



#14 Endrin

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 140316285
Conc: 53.51 ng/ml



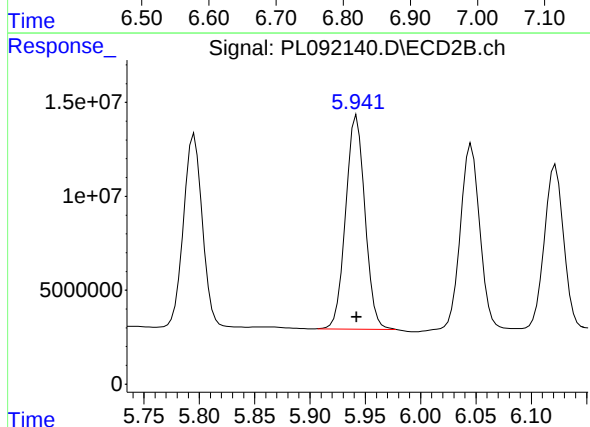
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.003 min
Response: 106239338
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163696BS

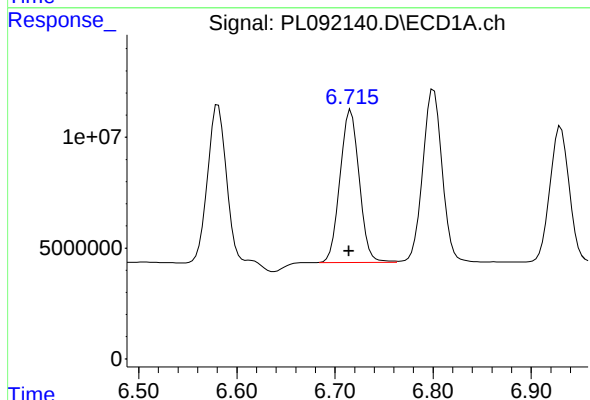
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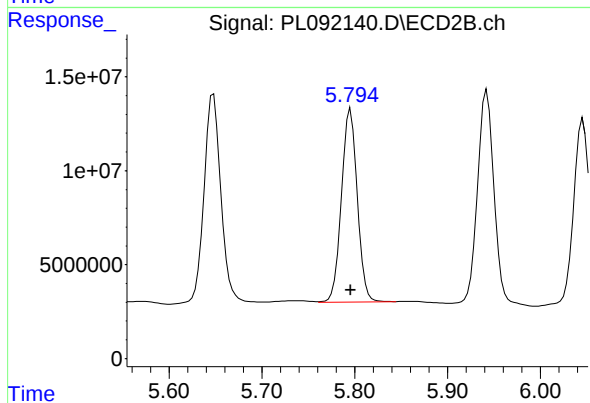
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 138408225
Conc: 55.31 ng/ml



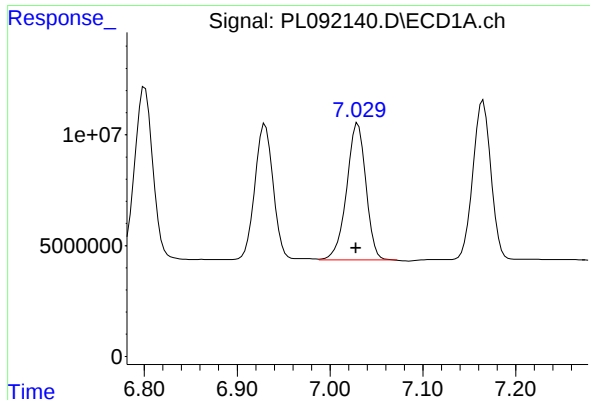
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 94028851
Conc: 52.36 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 121669697
Conc: 56.96 ng/ml



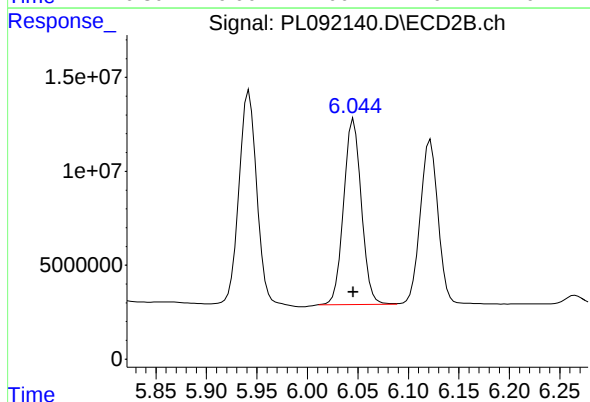
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.002 min
Response: 89114208
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163696BS

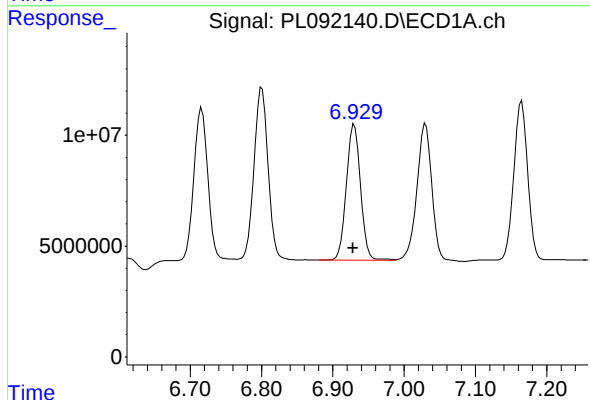
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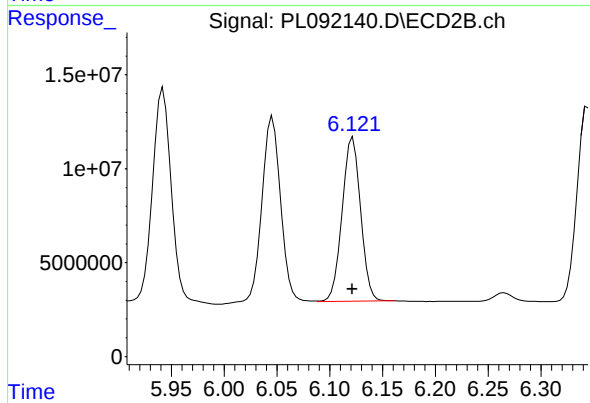
#17 4,4'-DDT

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 120603795
Conc: 52.14 ng/ml



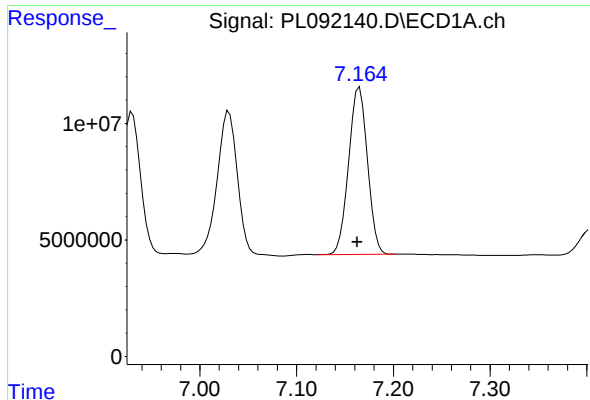
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.002 min
Response: 84380616
Conc: 48.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 106074871
Conc: 51.98 ng/ml



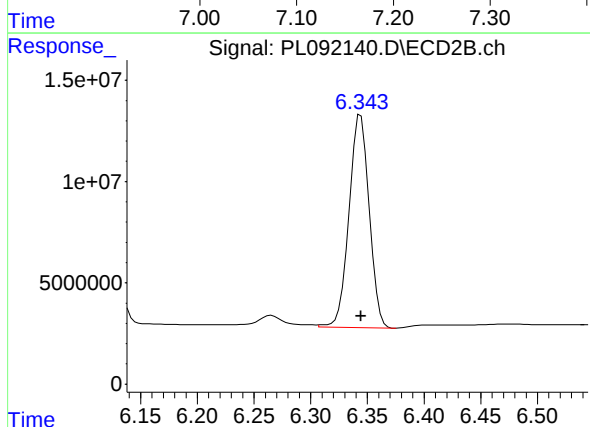
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.002 min
Response: 96460332
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163696BS

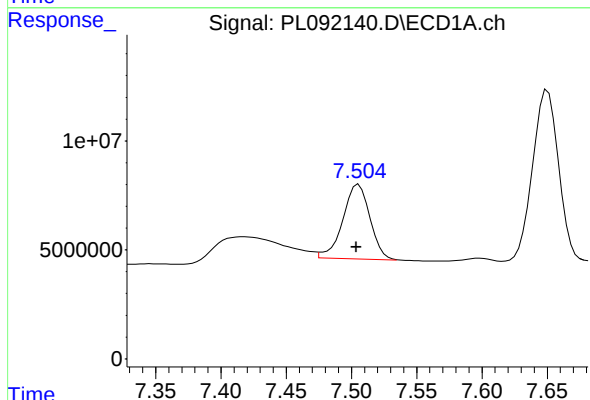
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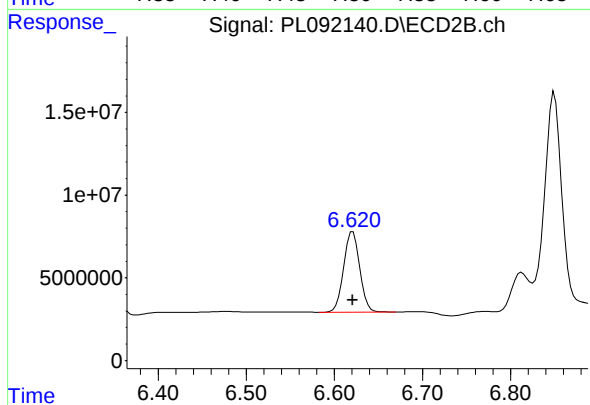
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 130125359
Conc: 53.94 ng/ml



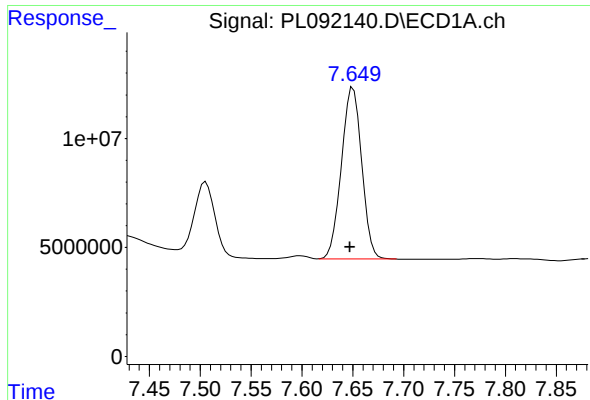
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 49385787
Conc: 50.31 ng/ml m



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 61881192
Conc: 49.49 ng/ml



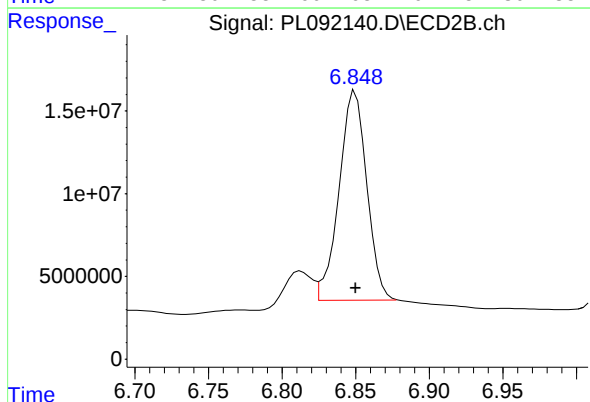
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.003 min
Response: 109133514
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163696BS

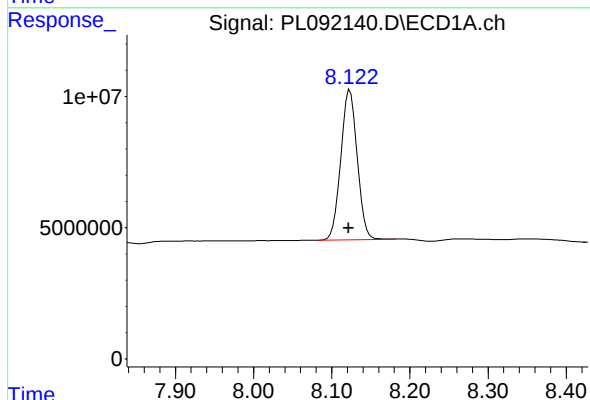
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2024
Supervised By :Ankita Jodhani 09/30/2024



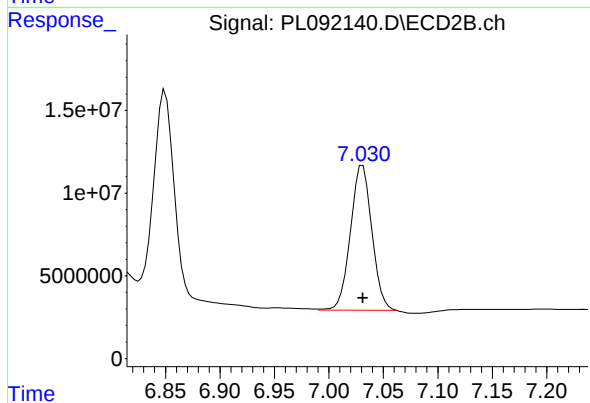
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 164901525
Conc: 59.55 ng/ml m



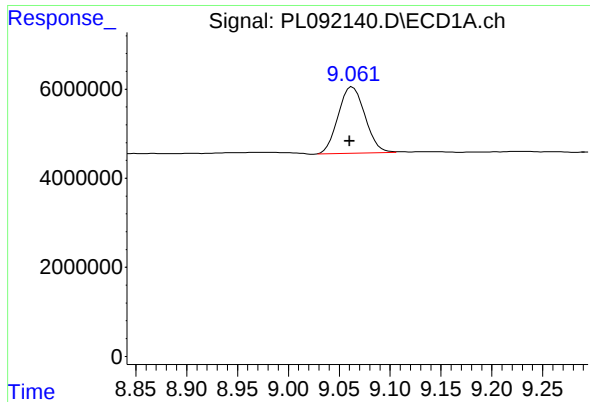
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.002 min
Response: 83322601
Conc: 46.26 ng/ml



#22 Mirex

R.T.: 7.030 min
Delta R.T.: -0.002 min
Response: 119471891
Conc: 49.11 ng/ml m



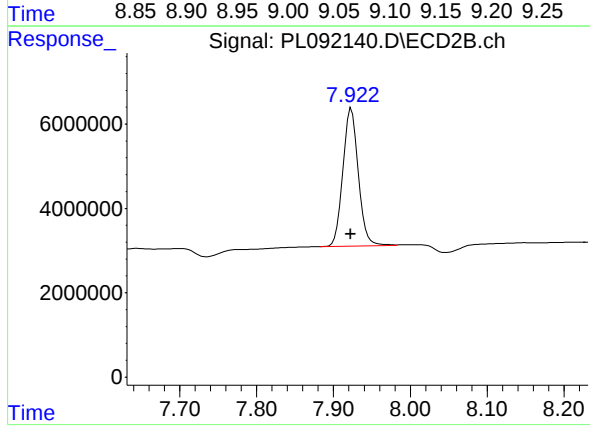
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.001 min
Response: 27340269
Conc: 16.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163696BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2024
Supervised By :Ankita Jodhani 09/30/2024



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 45253068
Conc: 18.09 ng/ml