

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2024 14:24
 Operator : AR\AJ
 Sample : PB162918BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162918BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 02:06:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.546	2.786	39153287	36681543	18.235	18.792
28)	SA Decachlor...	9.063	7.927	32341325	36383934	21.214	19.209
Target Compounds							
2)	A alpha-BHC	4.002	3.289	136.3E6	141.2E6	45.450	50.905
3)	MA gamma-BHC...	4.334	3.619	129.7E6	132.2E6	45.223	50.185
4)	MA Heptachlor	4.924	3.959	123.8E6	131.5E6	46.484	50.929
5)	MB Aldrin	5.265	4.240	116.5E6	123.0E6	45.137	50.018
6)	B beta-BHC	4.531	3.918	61830731	57473865	45.721	48.828
7)	B delta-BHC	4.778	4.148	123.8E6	126.7E6	45.461	49.995
8)	B Heptachlo...	5.691	4.742	110.5E6	111.0E6	45.169	49.224
9)	A Endosulfan I	6.077	5.112	100.4E6	104.4E6	44.713	49.494
10)	B gamma-Chl...	5.947	4.992	108.1E6	115.6E6	44.724	48.916
11)	B alpha-Chl...	6.026	5.056	107.4E6	114.5E6	44.599	48.669
12)	B 4,4'-DDE	6.199	5.245	94869617	103.3E6	45.347	49.440
13)	MA Dieldrin	6.351	5.377	105.4E6	110.8E6	44.754	48.634
14)	MA Endrin	6.579	5.652	91704673	98122826	47.289m	48.167
15)	B Endosulfa...	6.800	5.945	93161256	94953091	46.036	49.079m
16)	A 4,4'-DDD	6.715	5.800	79665202	81401415	52.710	49.311
17)	MA 4,4'-DDT	7.029	6.050	86265782	87579155	48.598	49.301
18)	B Endrin al...	6.930	6.125	73294519	73783580	45.912	47.367
19)	B Endosulfa...	7.164	6.348	87453043	90491270	45.581	46.935
20)	A Methoxychlor	7.505	6.625	46615438	46984905	49.577	47.317
21)	B Endrin ke...	7.650	6.852	94468743	100.8E6	44.991	46.260m
22)	Mirex	8.123	7.035	76049784	82472118	44.705	44.187

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
Data File : PL091306.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2024 14:24
Operator : AR\AJ
Sample : PB162918BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

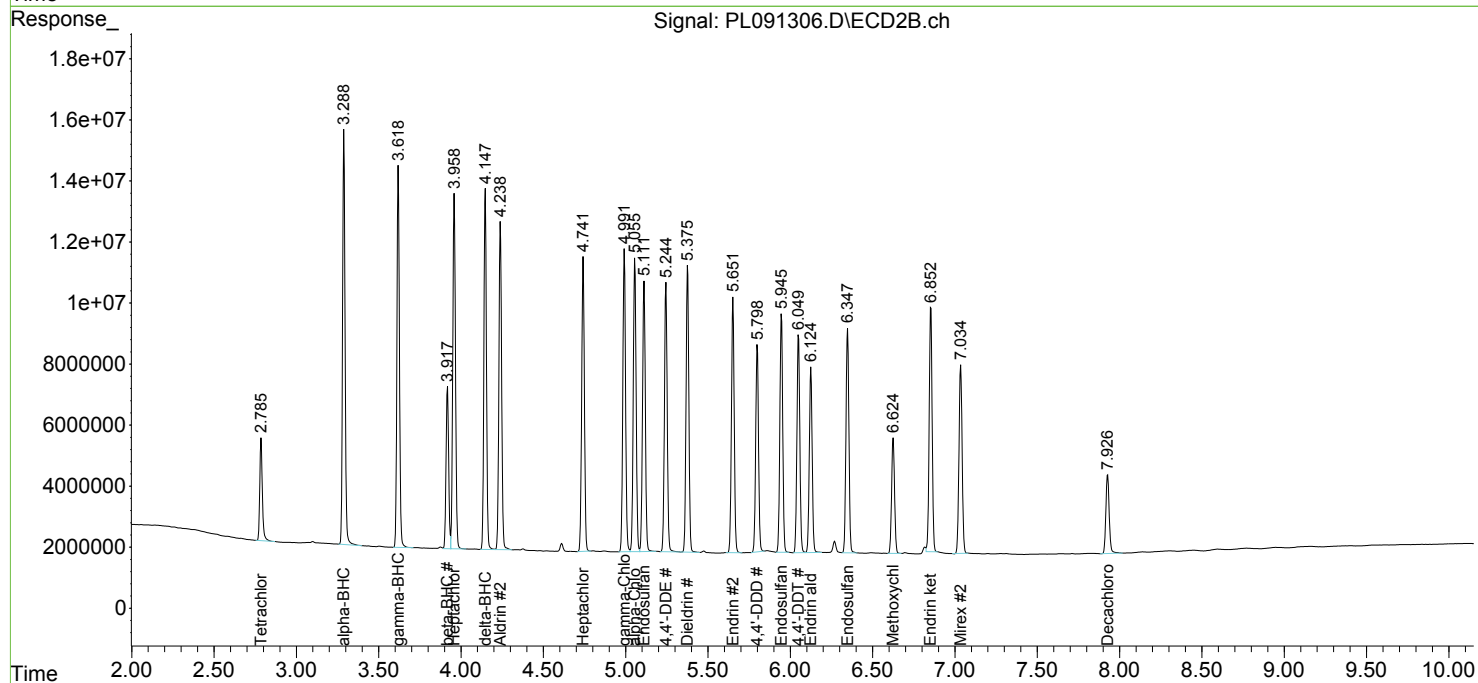
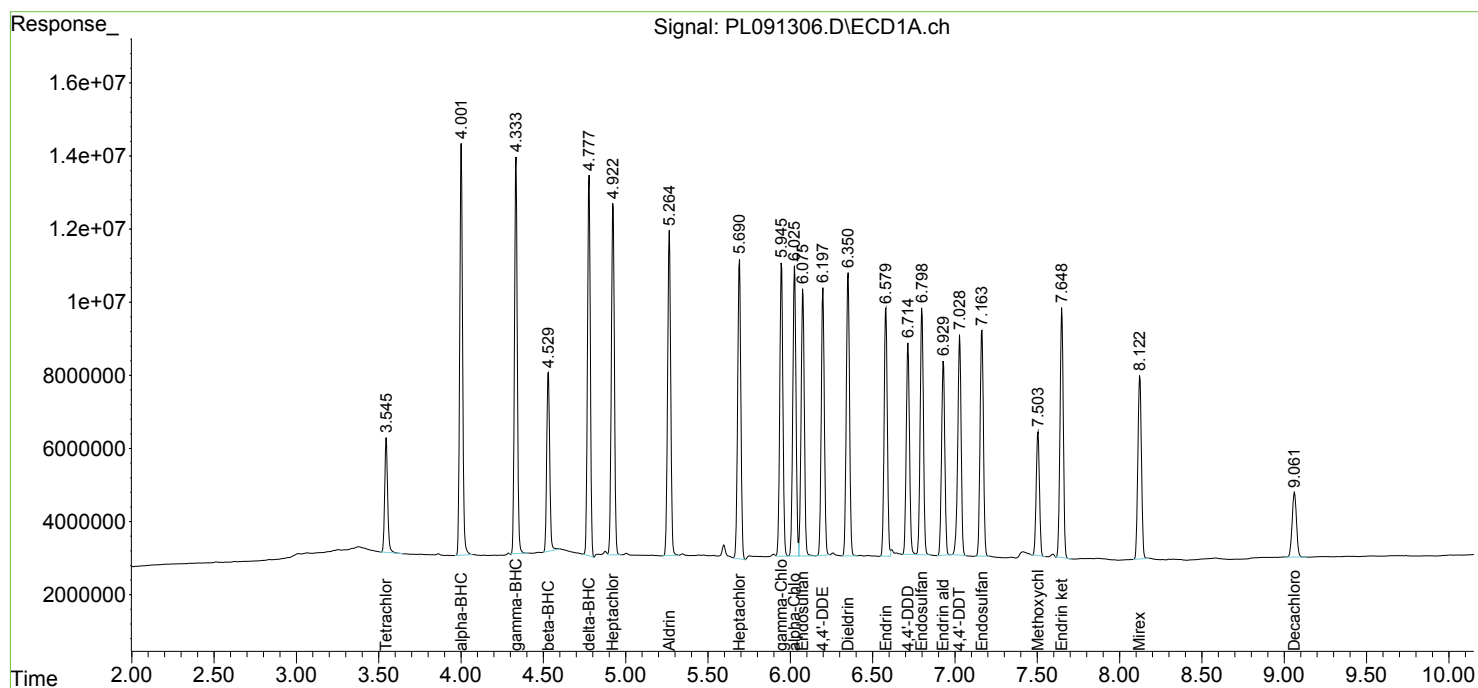
Instrument :
ECD_L
ClientSampleId :
PB162918BS

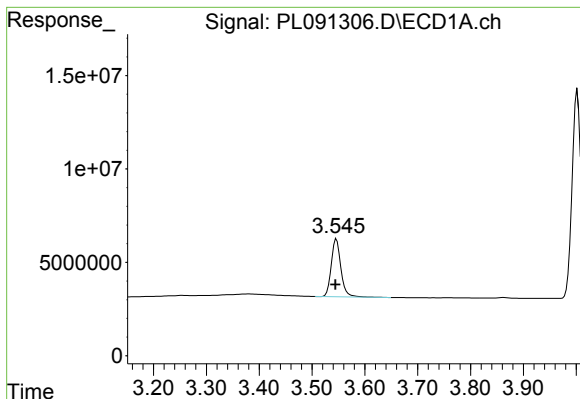
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 02:06:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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





#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.002 min
Response: 39153287
Conc: 18.23 ng/ml

Instrument :

ECD_L

ClientSampleId :

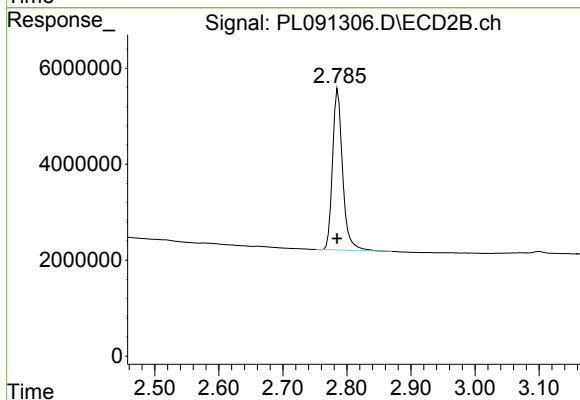
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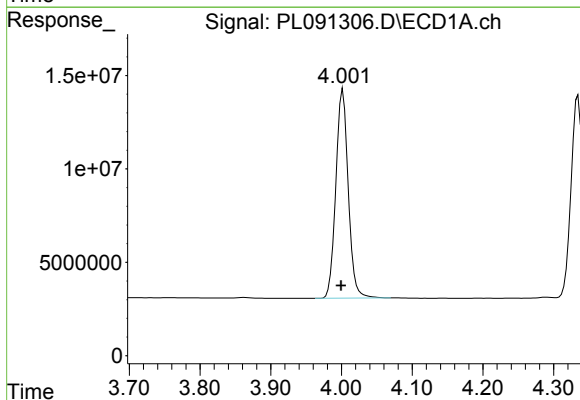
Reviewed By :Abdul Mirza 08/27/2024

Supervised By :mohammad ahmed 08/28/2024



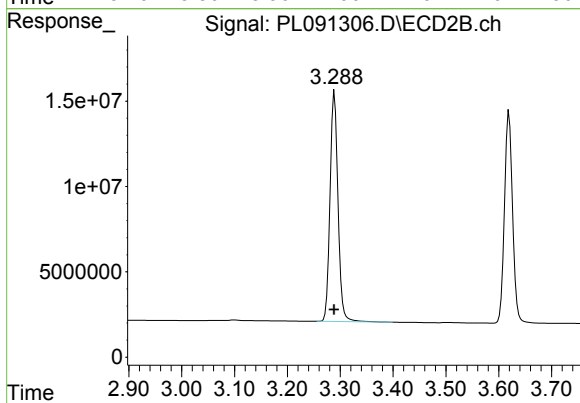
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 36681543
Conc: 18.79 ng/ml



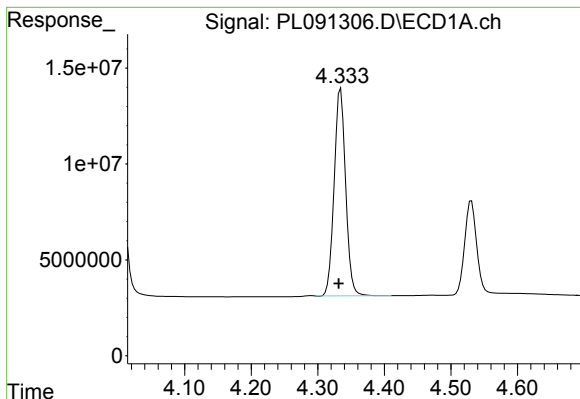
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.003 min
Response: 136250629
Conc: 45.45 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 141181627
Conc: 50.90 ng/ml



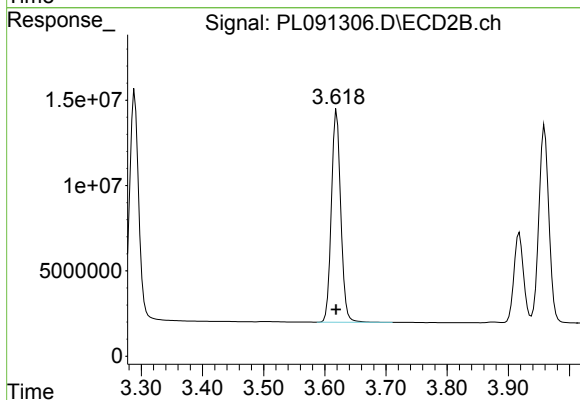
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.003 min
Response: 129729899
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162918BS

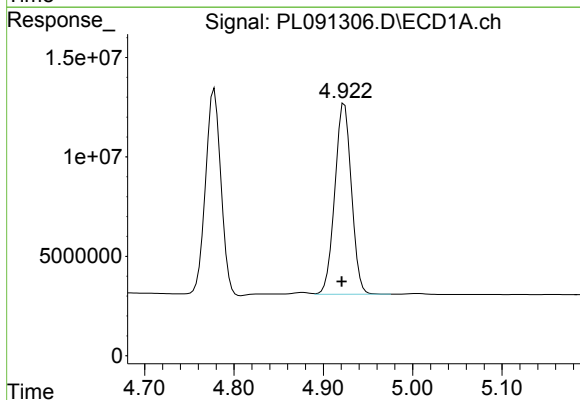
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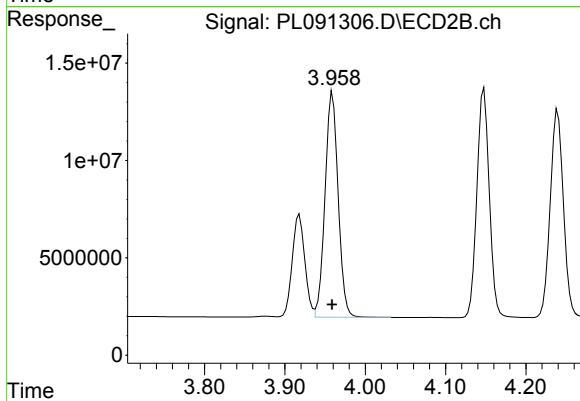
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.001 min
Response: 132184170
Conc: 50.19 ng/ml



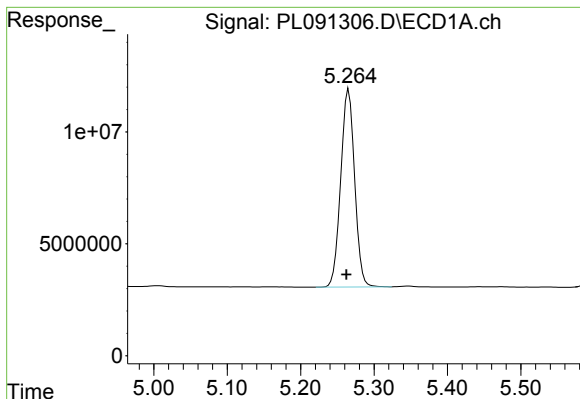
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.003 min
Response: 123786426
Conc: 46.48 ng/ml



#4 Heptachlor

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 131534525
Conc: 50.93 ng/ml



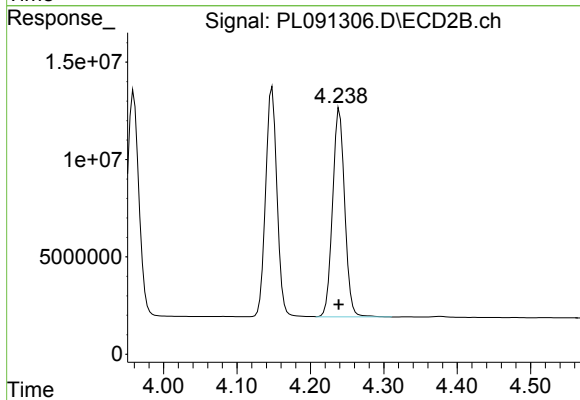
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.003 min
Response: 116493814
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162918BS

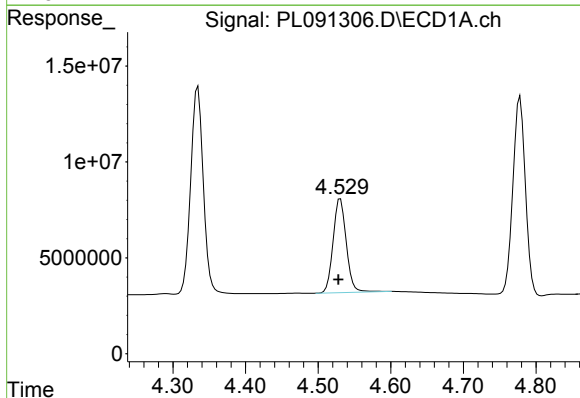
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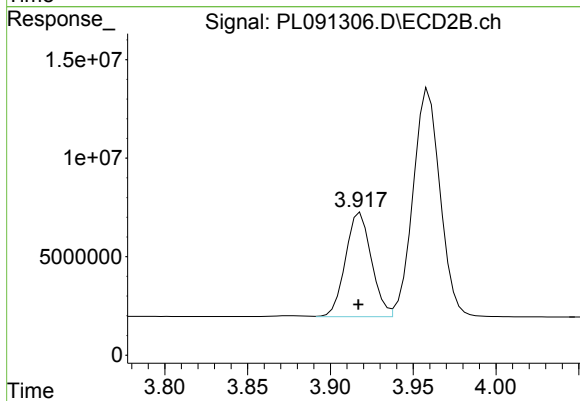
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 123003005
Conc: 50.02 ng/ml



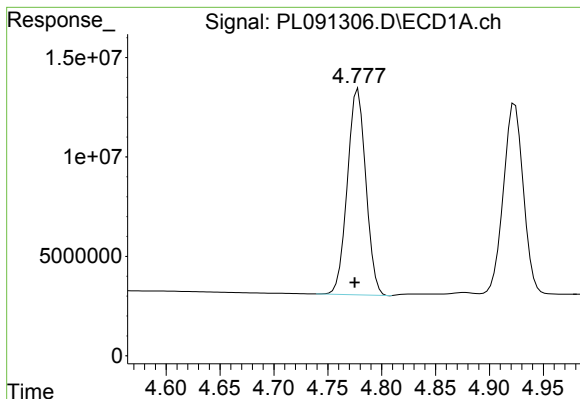
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.003 min
Response: 61830731
Conc: 45.72 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: 0.001 min
Response: 57473865
Conc: 48.83 ng/ml



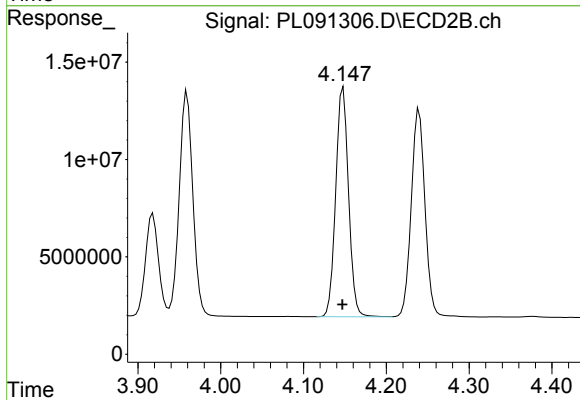
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 123768229
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162918BS

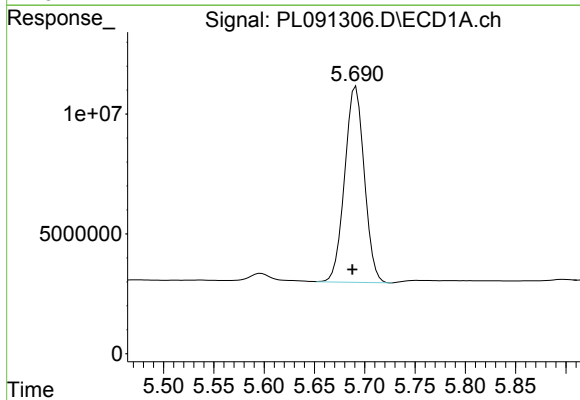
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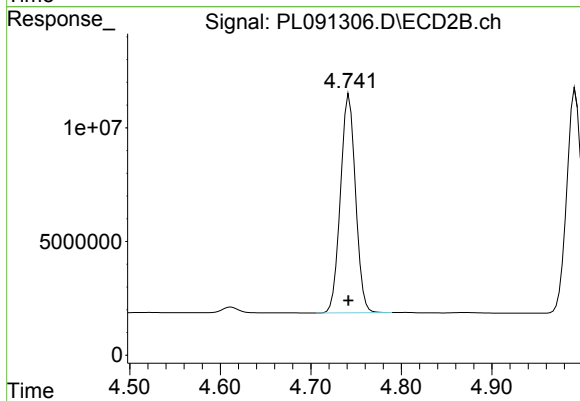
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: 0.000 min
Response: 126696927
Conc: 49.99 ng/ml



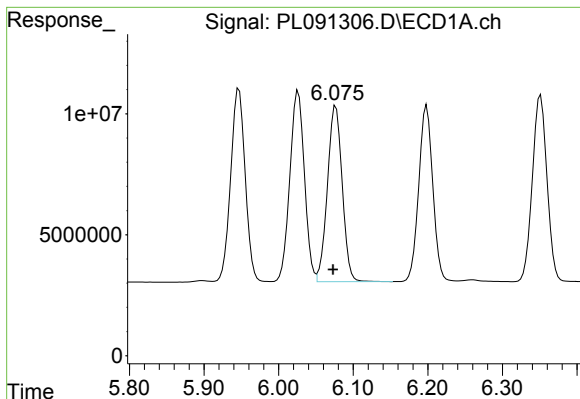
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.003 min
Response: 110508552
Conc: 45.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 110991209
Conc: 49.22 ng/ml



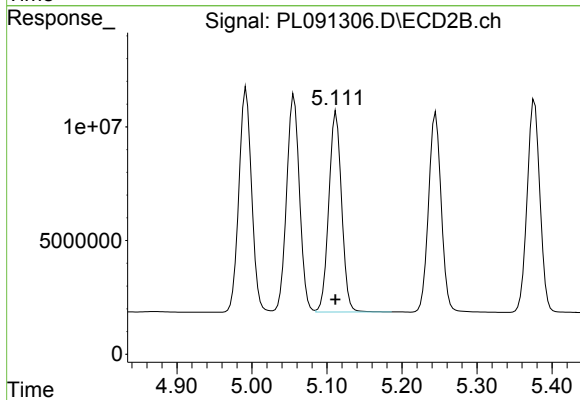
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.004 min
Response: 100395898
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162918BS

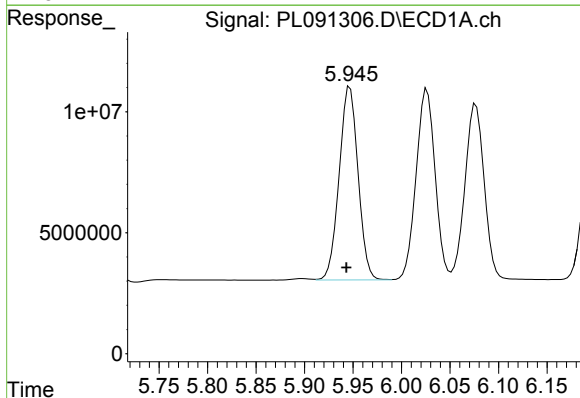
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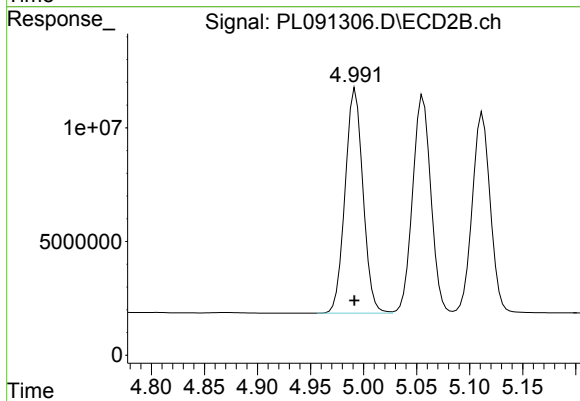
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 104440684
Conc: 49.49 ng/ml



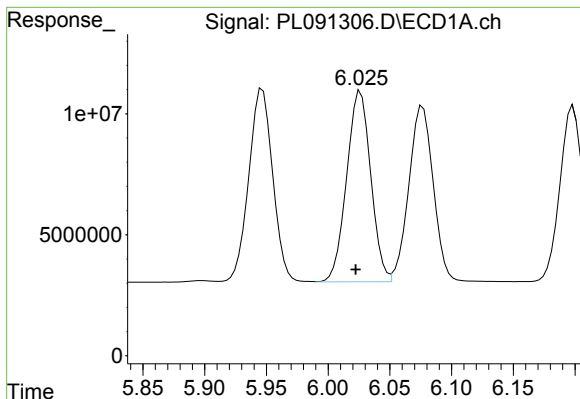
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.004 min
Response: 108072589
Conc: 44.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 115633978
Conc: 48.92 ng/ml



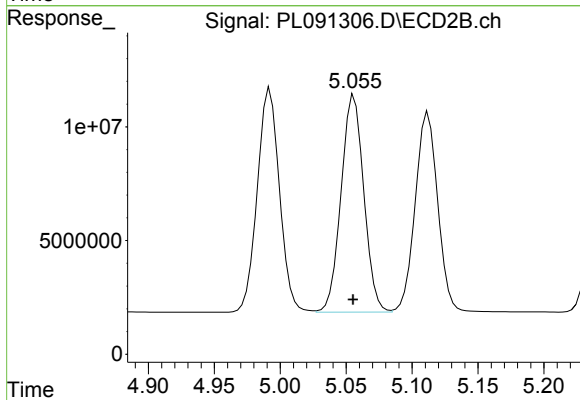
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.004 min
Response: 107382889
Conc: 44.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162918BS

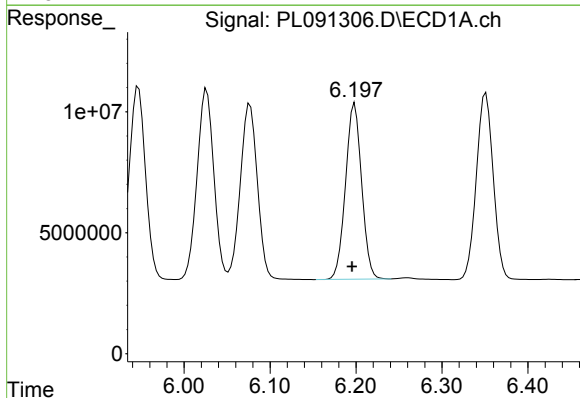
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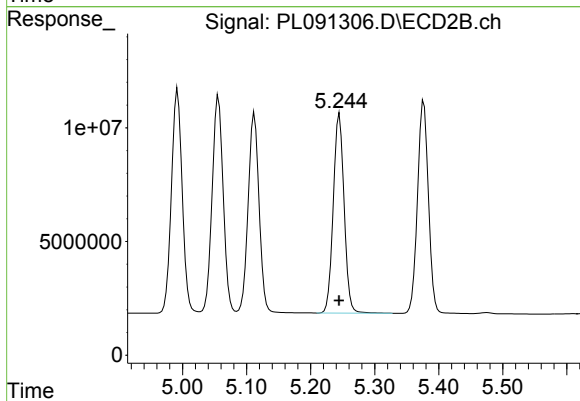
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 114497446
Conc: 48.67 ng/ml



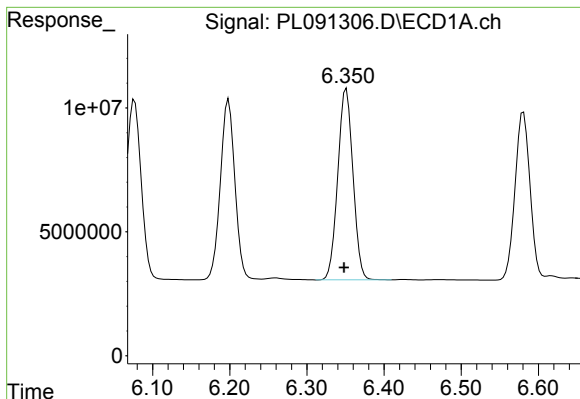
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 94869617
Conc: 45.35 ng/ml



#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 103300684
Conc: 49.44 ng/ml



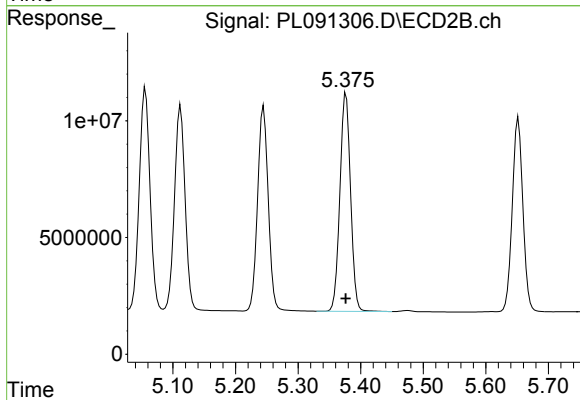
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.003 min
Response: 105405555
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162918BS

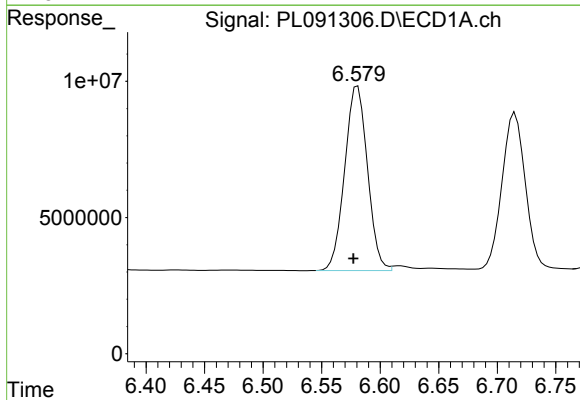
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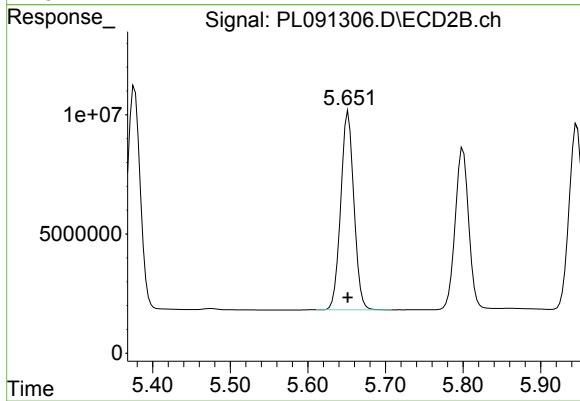
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 110765421
Conc: 48.63 ng/ml



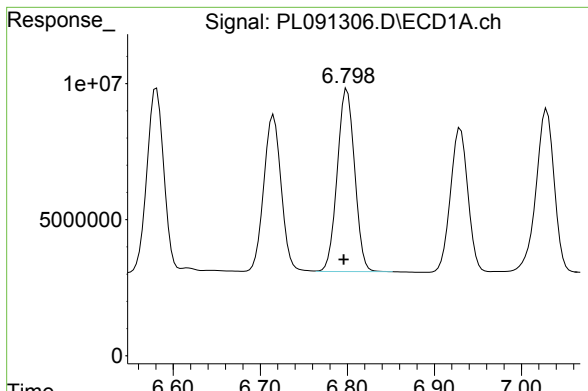
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 91704673
Conc: 47.29 ng/ml m



#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 98122826
Conc: 48.17 ng/ml



#15 Endosulfan II

R.T.: 6.800 min

Delta R.T.: 0.004 min

Response: 93161256

Conc: 46.04 ng/ml

Instrument : ECD_L

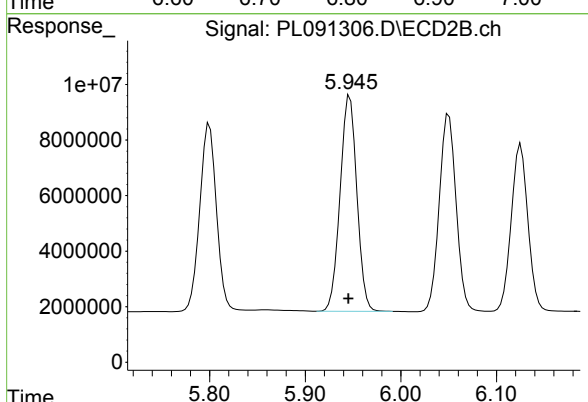
ClientSampleId : PB162918BS

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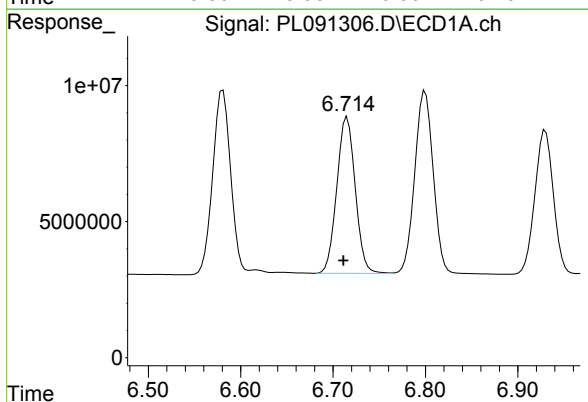
#15 Endosulfan II

R.T.: 5.945 min

Delta R.T.: 0.000 min

Response: 94953091

Conc: 49.08 ng/ml m



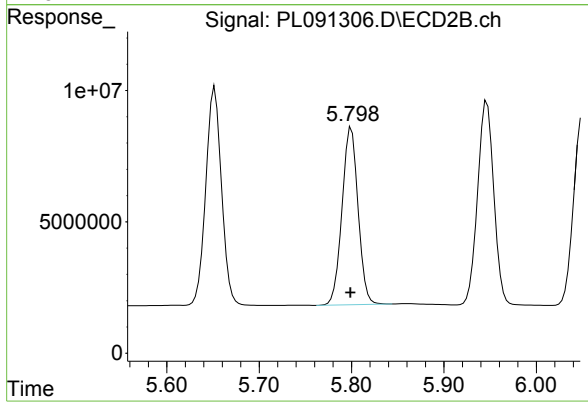
#16 4,4'-DDD

R.T.: 6.715 min

Delta R.T.: 0.004 min

Response: 79665202

Conc: 52.71 ng/ml



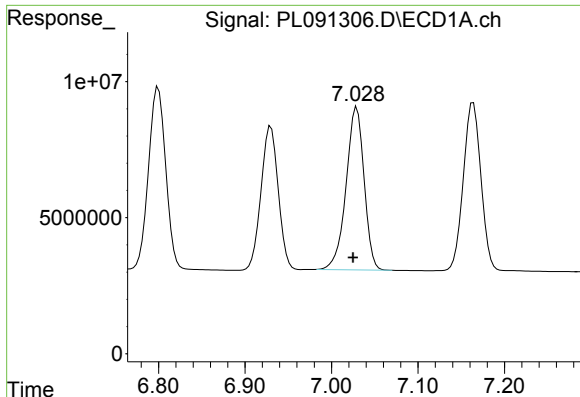
#16 4,4'-DDD

R.T.: 5.800 min

Delta R.T.: 0.001 min

Response: 81401415

Conc: 49.31 ng/ml



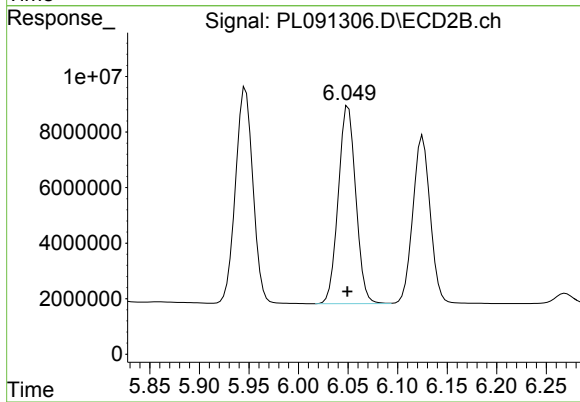
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.004 min
Response: 86265782
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162918BS

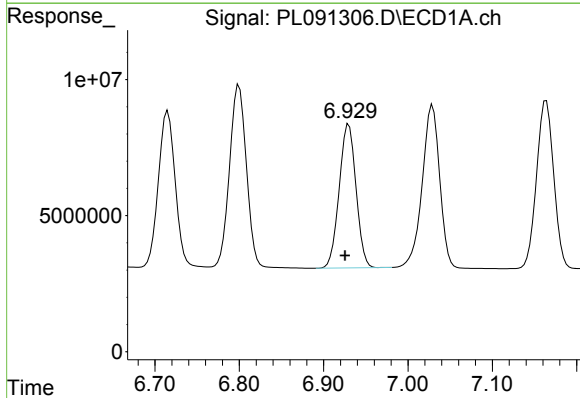
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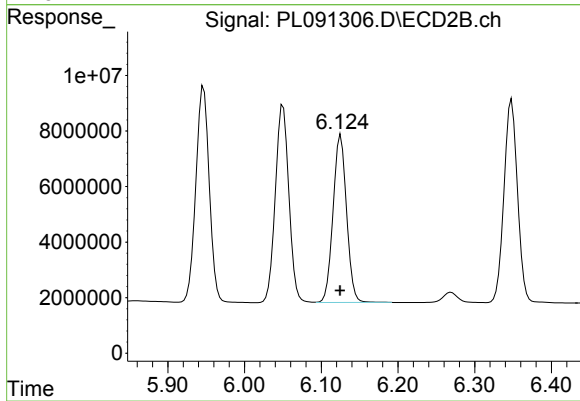
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 87579155
Conc: 49.30 ng/ml



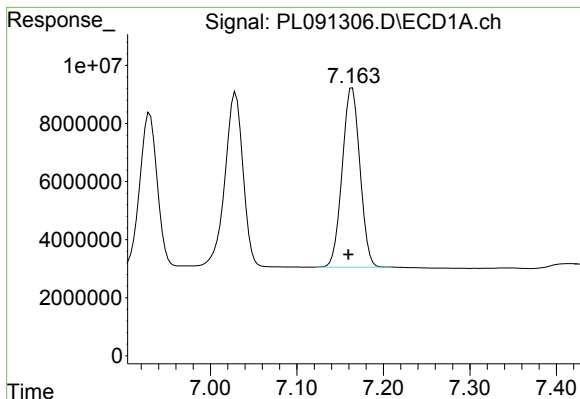
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.005 min
Response: 73294519
Conc: 45.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 73783580
Conc: 47.37 ng/ml



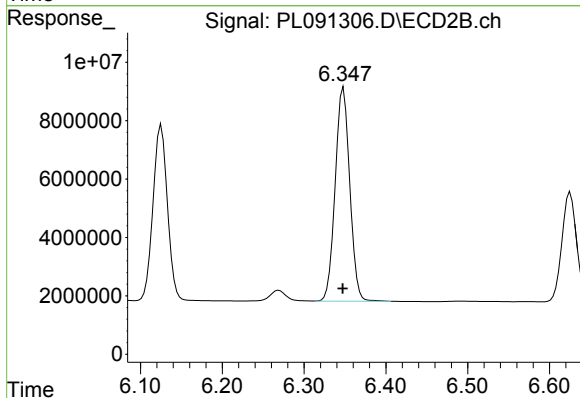
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.004 min
Response: 87453043
Conc: 45.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162918BS

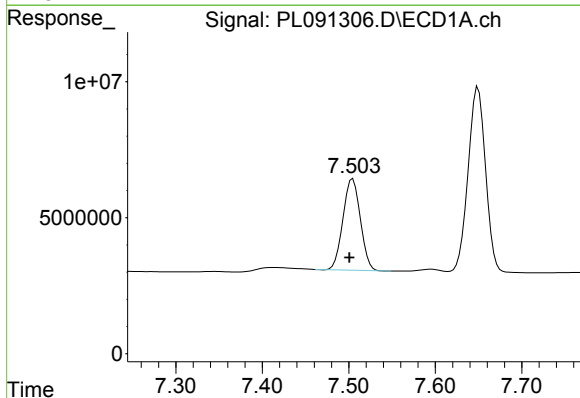
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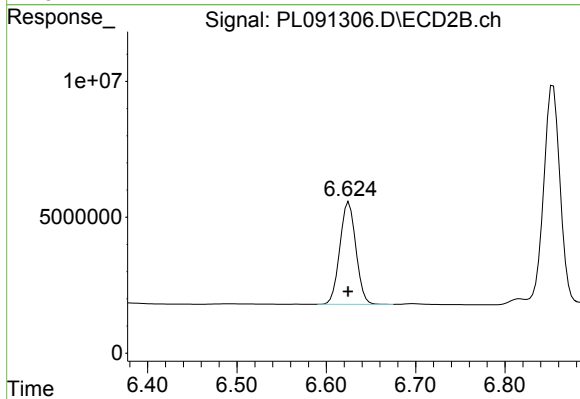
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 90491270
Conc: 46.94 ng/ml



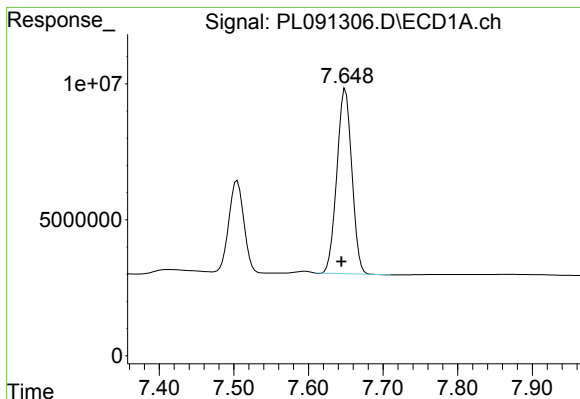
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 46615438
Conc: 49.58 ng/ml



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: 0.001 min
Response: 46984905
Conc: 47.32 ng/ml



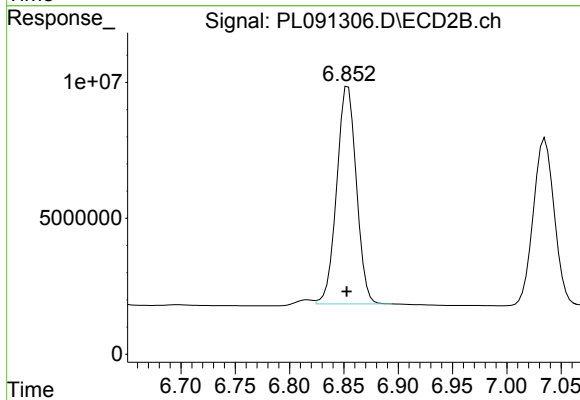
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.005 min
Response: 94468743
Conc: 44.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162918BS

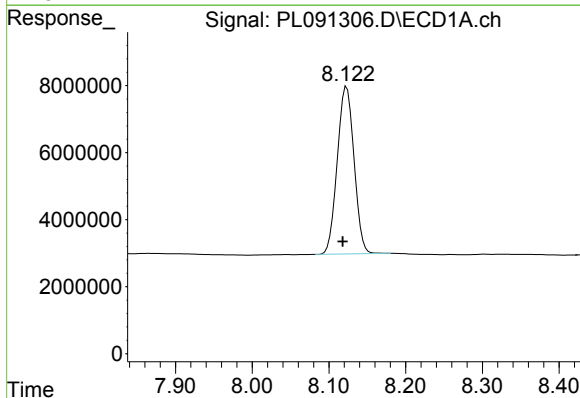
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



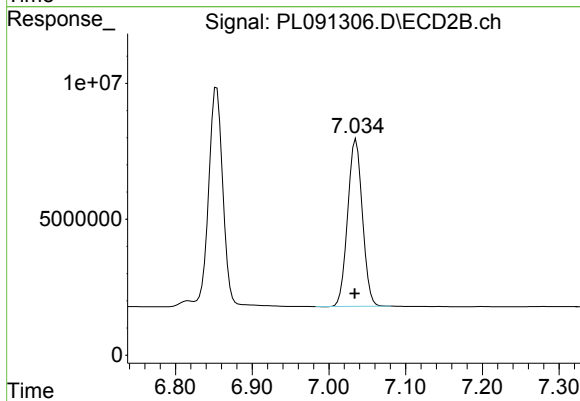
#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 100752136
Conc: 46.26 ng/ml m



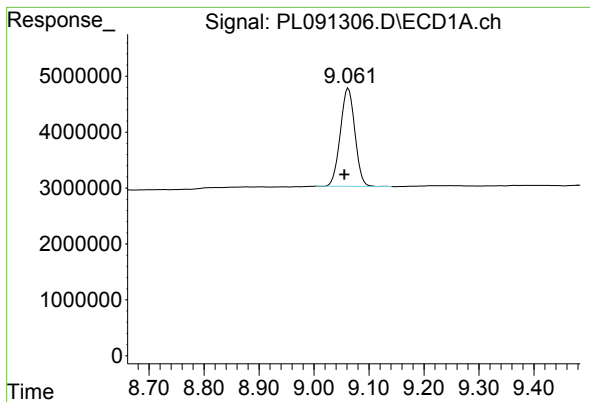
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.005 min
Response: 76049784
Conc: 44.70 ng/ml



#22 Mirex

R.T.: 7.035 min
Delta R.T.: 0.001 min
Response: 82472118
Conc: 44.19 ng/ml



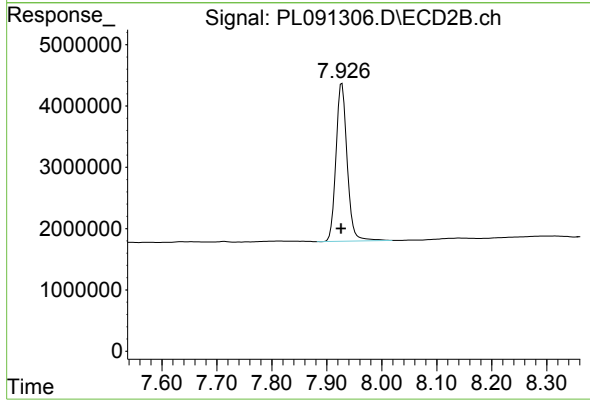
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.007 min
Response: 32341325
Conc: 21.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162918BS

Manual Integrations
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Supervised By :mohammad ahmed 08/28/2024



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: 0.002 min
Response: 36383934
Conc: 19.21 ng/ml