

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091303.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2024 13:18
 Operator : AR\AJ
 Sample : PB162812BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162812BS

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 02:05:09 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...	3.545	2.785	39292647	35742930	18.300	18.311
28)	SA Decachlor...	9.062	7.927	33397219	40101876	21.906	21.172
Target Compounds							
2)	A alpha-BHC	4.001	3.288	134.6E6	136.8E6	44.904	49.334
3)	MA gamma-BHC...	4.333	3.619	128.8E6	129.4E6	44.901	49.146
4)	MA Heptachlor	4.923	3.958	124.2E6	128.8E6	46.646	49.864
5)	MB Aldrin	5.264	4.239	118.1E6	121.1E6	45.770	49.241
6)	B beta-BHC	4.530	3.917	62073668	56369346	45.900	47.890
7)	B delta-BHC	4.778	4.147	123.2E6	124.2E6	45.256	49.008
8)	B Heptachlo...	5.690	4.741	113.7E6	112.0E6	46.483	49.676
9)	A Endosulfan I	6.076	5.111	105.0E6	106.2E6	46.757	50.319
10)	B gamma-Chl...	5.946	4.992	113.0E6	117.3E6	46.759	49.618
11)	B alpha-Chl...	6.025	5.055	112.0E6	116.8E6	46.530	49.666
12)	B 4,4'-DDE	6.198	5.244	98517916	105.9E6	47.091	50.703
13)	MA Dieldrin	6.351	5.376	110.8E6	114.7E6	47.040	50.377
14)	MA Endrin	6.579	5.651	96889972	103.6E6	49.963m	50.856
15)	B Endosulfa...	6.800	5.945	98436617	100.6E6	48.643	51.998
16)	A 4,4'-DDD	6.715	5.798	82621553	84621373	54.666	51.261
17)	MA 4,4'-DDT	7.029	6.050	90039783	93682480	50.724	52.737
18)	B Endrin al...	6.930	6.125	76619716	78276107	47.995	50.251
19)	B Endosulfa...	7.164	6.347	92238691	97395343	48.075	50.516
20)	A Methoxychlor	7.505	6.625	47363605	50002072	50.373	50.355
21)	B Endrin ke...	7.649	6.852	100.8E6	116.9E6	47.984	53.691m
22)	Mirex	8.123	7.035	81785980	92374733	48.077	49.493

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
Data File : PL091303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2024 13:18
Operator : AR\AJ
Sample : PB162812BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162812BS

Manual Integrations

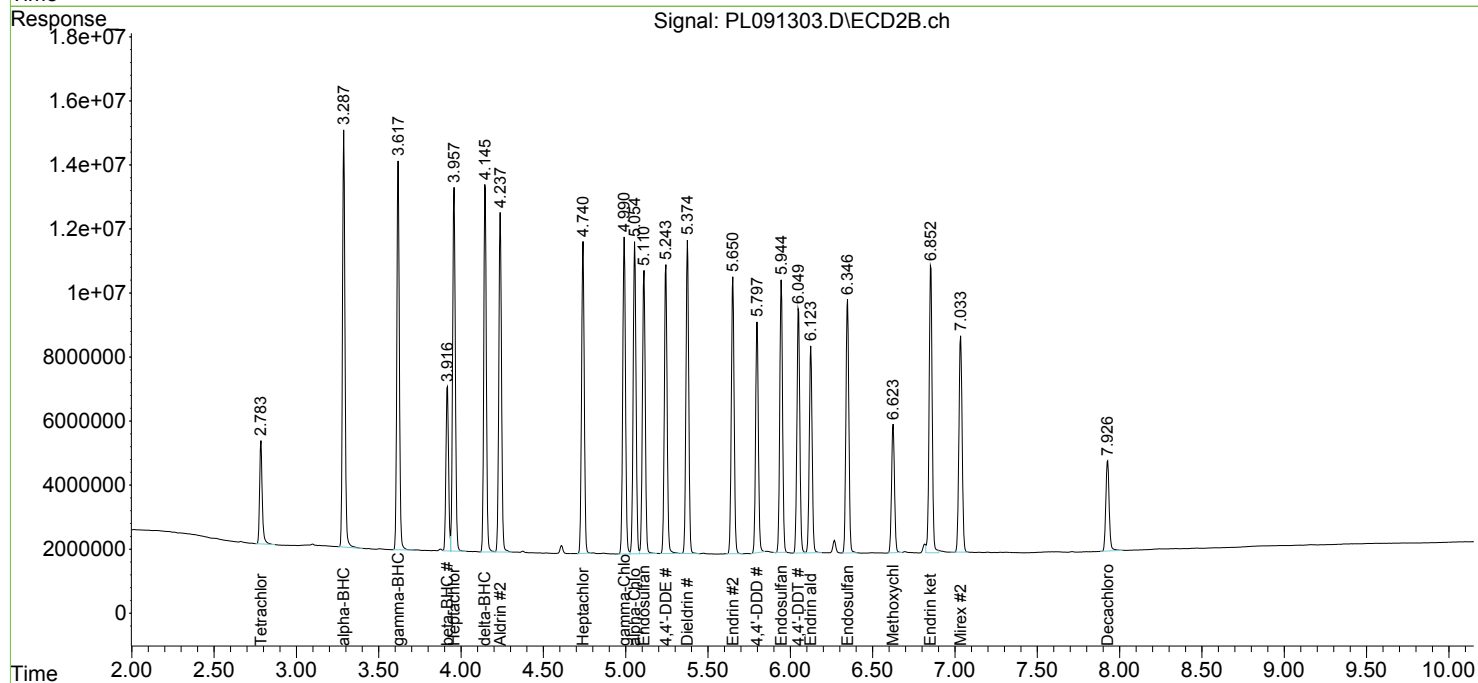
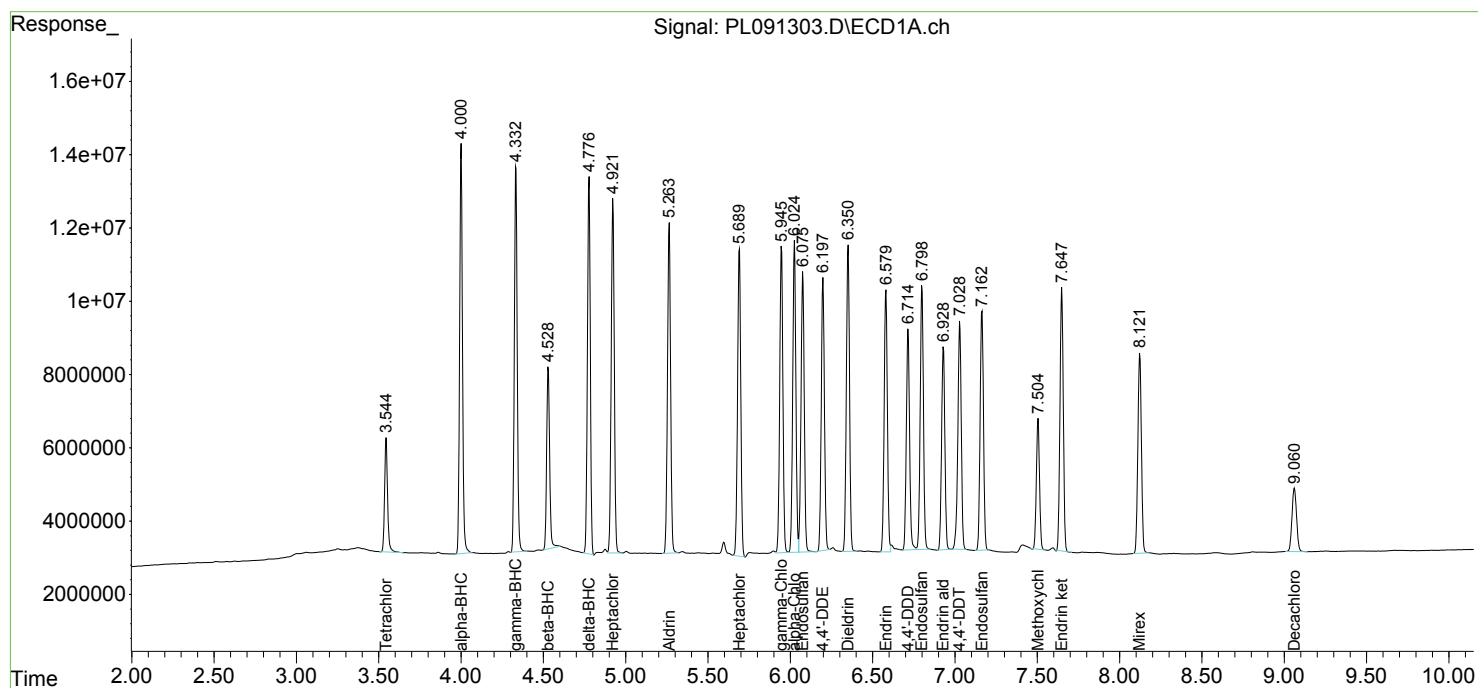
APPROVED

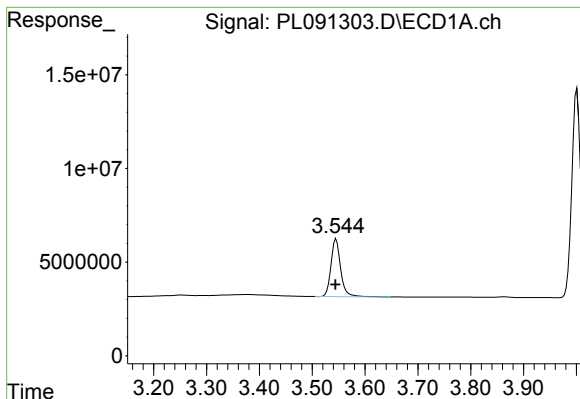
Reviewed By :Abdul Mirza 08/27/2024

Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 02:05:09 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.: 3.545 min
Delta R.T.: 0.001 min
Response: 39292647
Conc: 18.30 ng/ml

Instrument :

ECD_L

ClientSampleId :

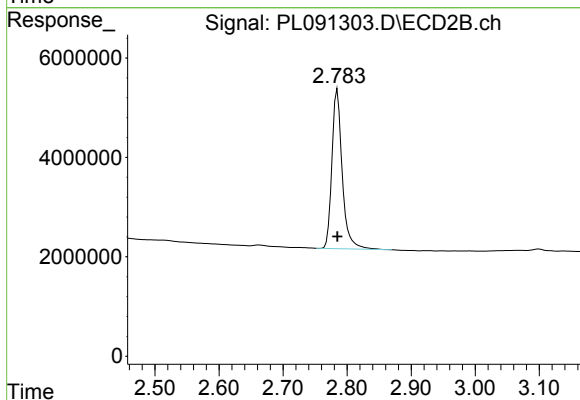
PB162812BS

Manual Integrations

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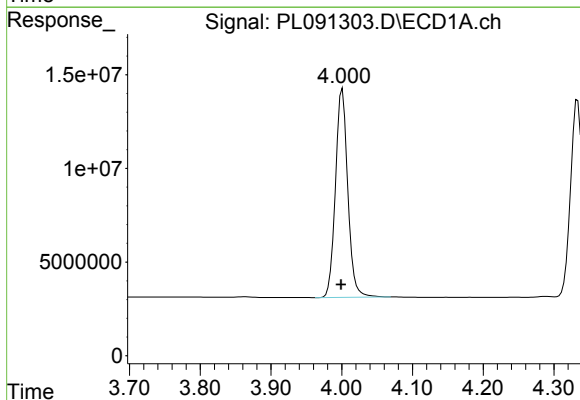
Reviewed By :Abdul Mirza 08/27/2024

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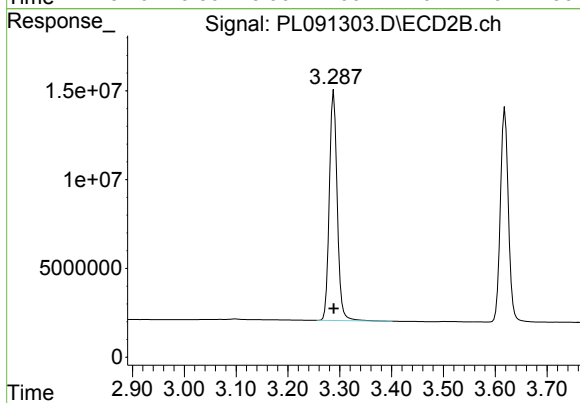
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 35742930
Conc: 18.31 ng/ml



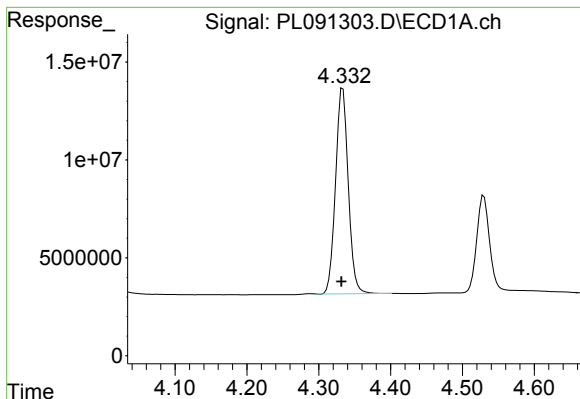
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 134612316
Conc: 44.90 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 136825729
Conc: 49.33 ng/ml



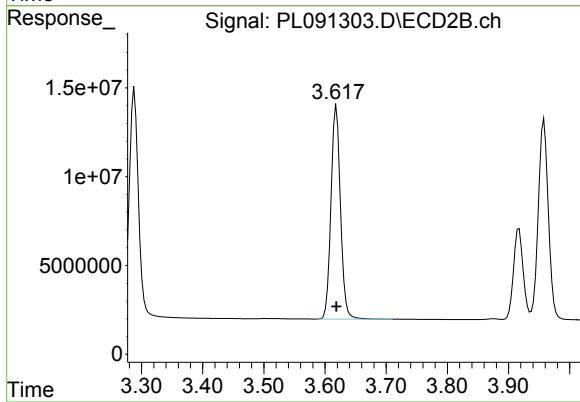
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.002 min
Response: 128806420
Conc: 44.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

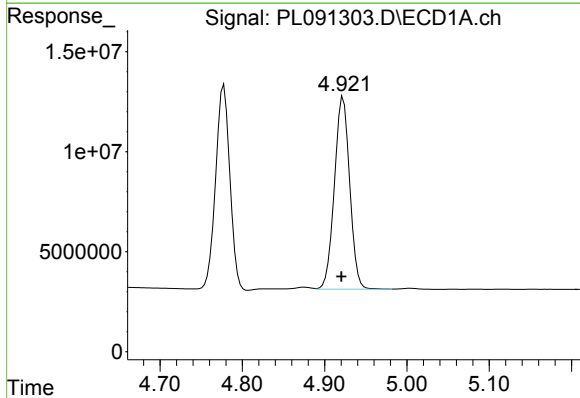
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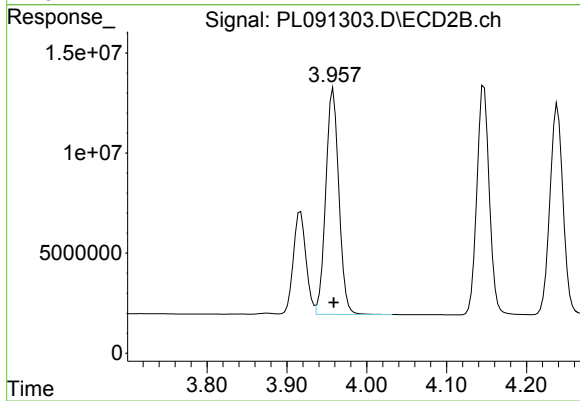
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.000 min
Response: 129446515
Conc: 49.15 ng/ml



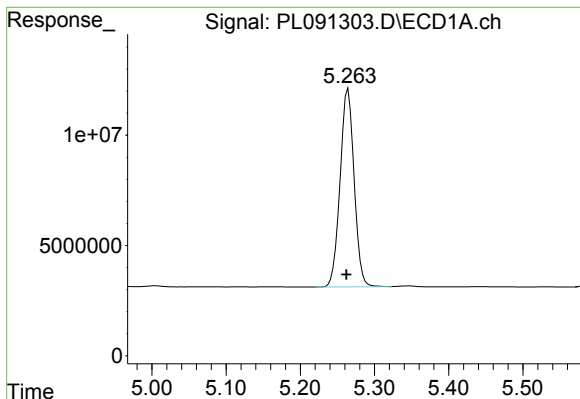
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.002 min
Response: 124218810
Conc: 46.65 ng/ml



#4 Heptachlor

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 128782812
Conc: 49.86 ng/ml



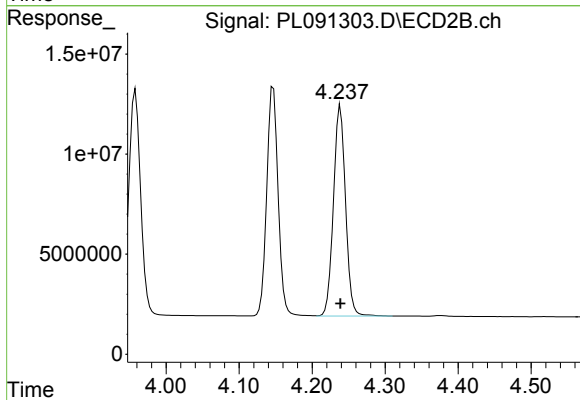
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 118127447
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

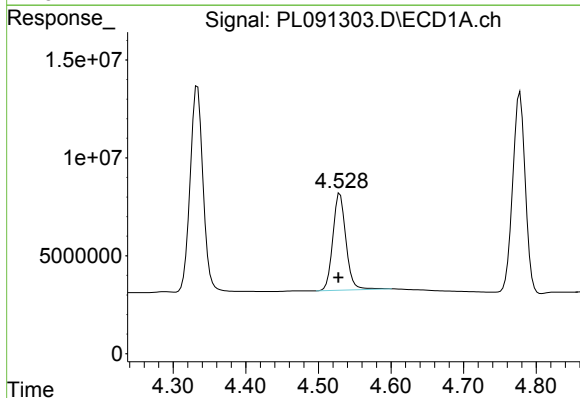
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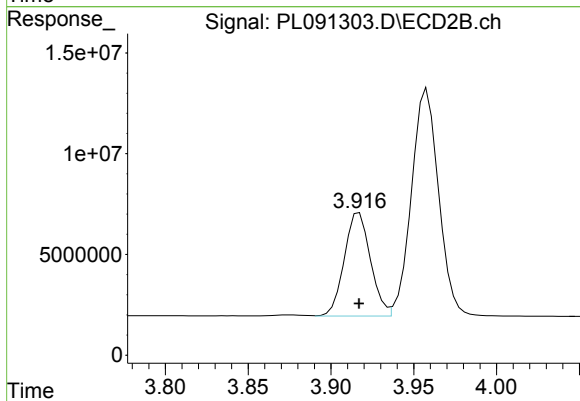
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 121093141
Conc: 49.24 ng/ml



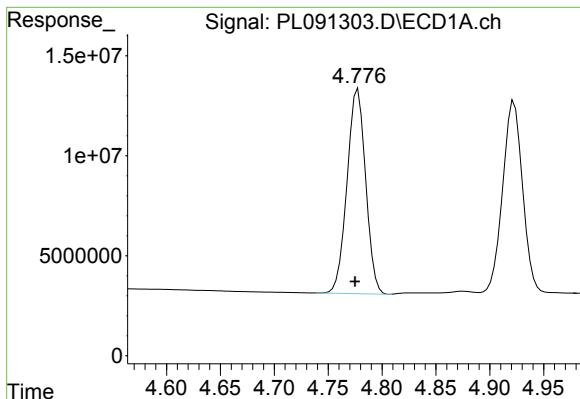
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.002 min
Response: 62073668
Conc: 45.90 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 56369346
Conc: 47.89 ng/ml



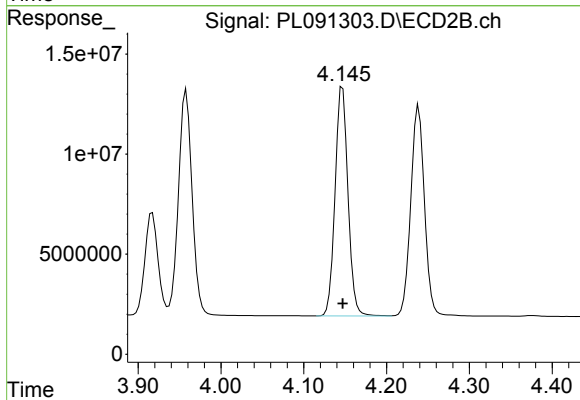
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 123208134
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

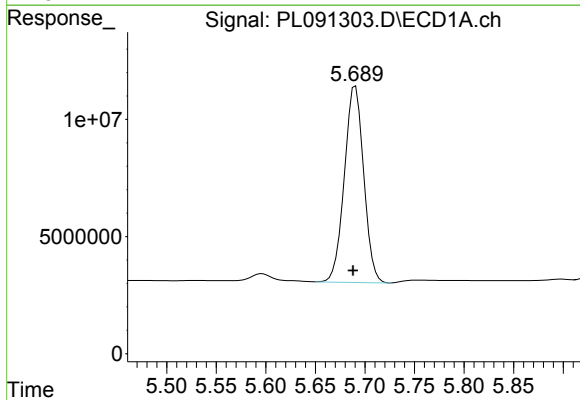
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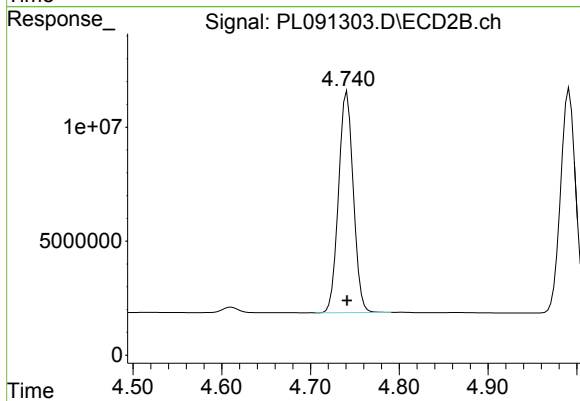
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: 0.000 min
Response: 124196734
Conc: 49.01 ng/ml



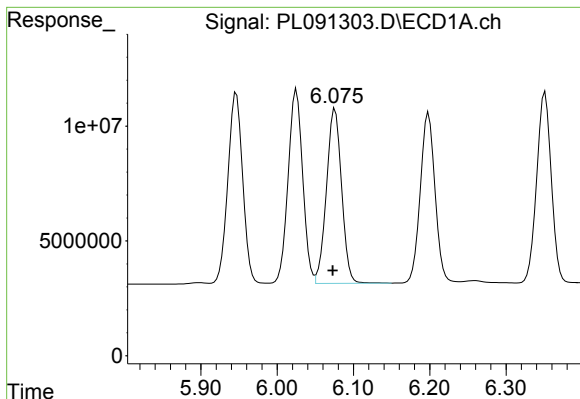
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.003 min
Response: 113722951
Conc: 46.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 112010640
Conc: 49.68 ng/ml



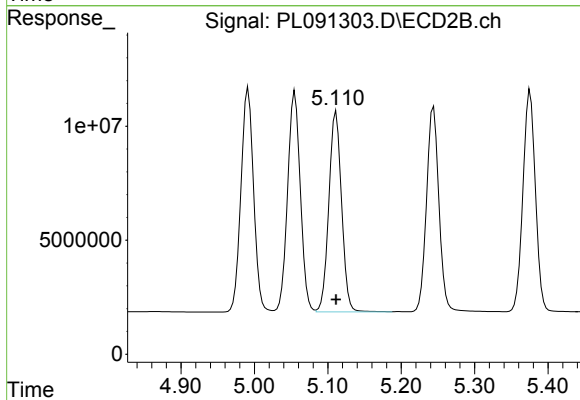
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 104986353
Conc: 46.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

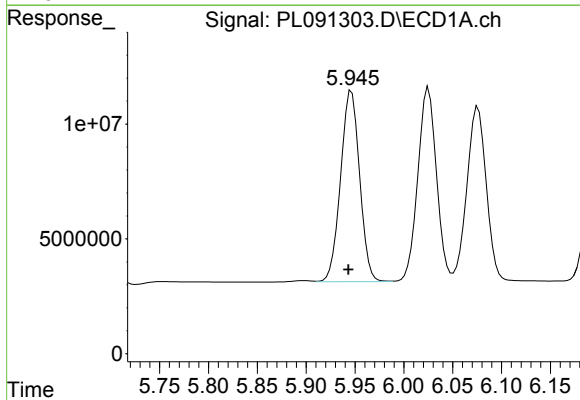
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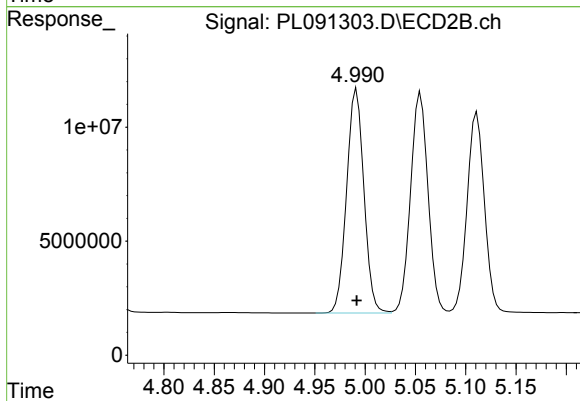
#9 Endosulfan I

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 106181858
Conc: 50.32 ng/ml



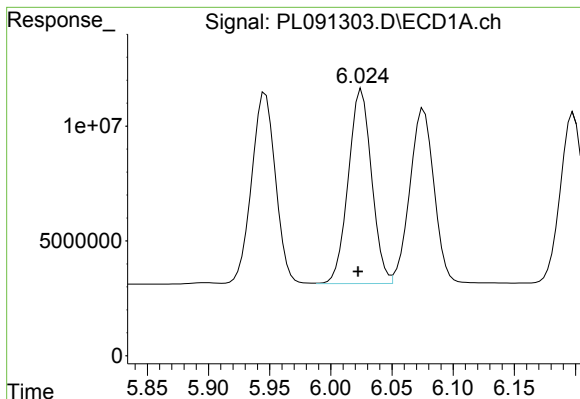
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 112990633
Conc: 46.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 117293841
Conc: 49.62 ng/ml



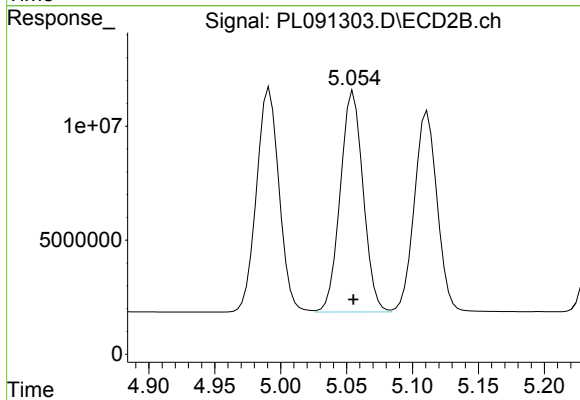
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.003 min
Response: 112030612
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

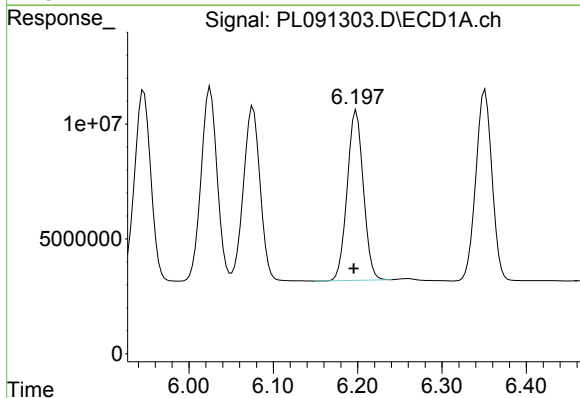
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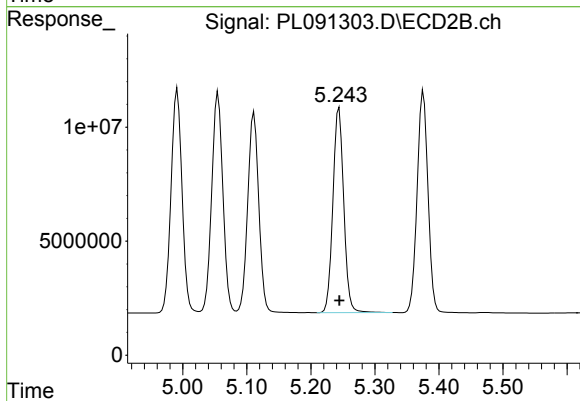
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 116843581
Conc: 49.67 ng/ml



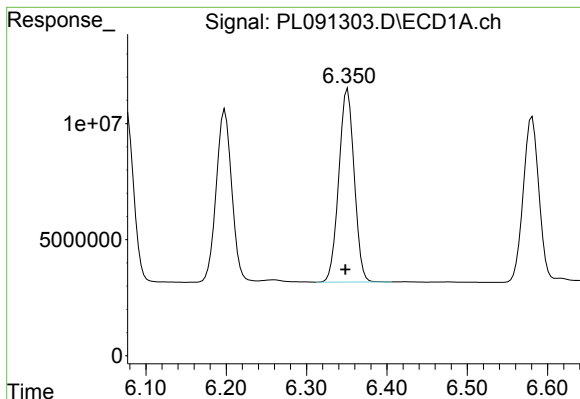
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 98517916
Conc: 47.09 ng/ml



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 105939269
Conc: 50.70 ng/ml



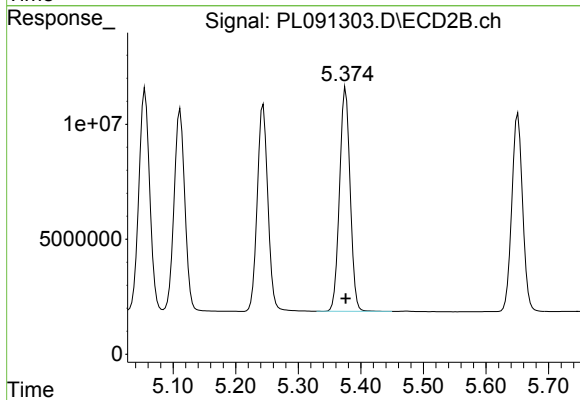
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.003 min
Response: 110791174
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

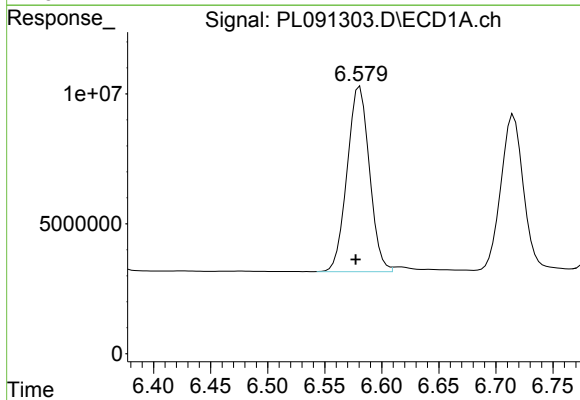
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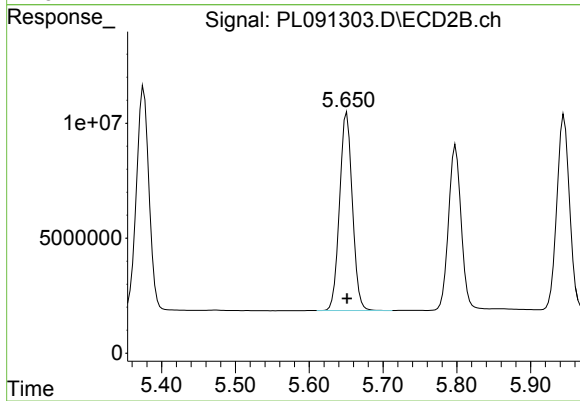
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 114735325
Conc: 50.38 ng/ml



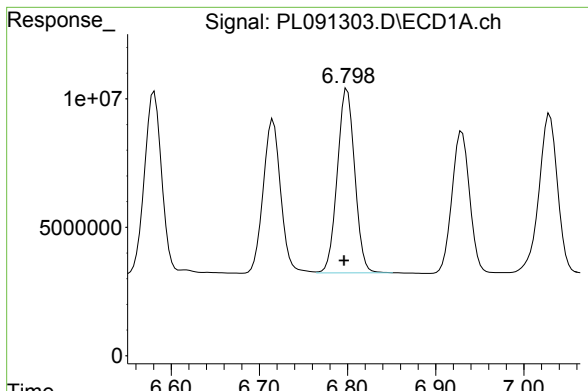
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 96889972
Conc: 49.96 ng/ml m



#14 Endrin

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 103600315
Conc: 50.86 ng/ml



#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.004 min
Response: 98436617
Conc: 48.64 ng/ml

Instrument :

ECD_L

ClientSampleId :

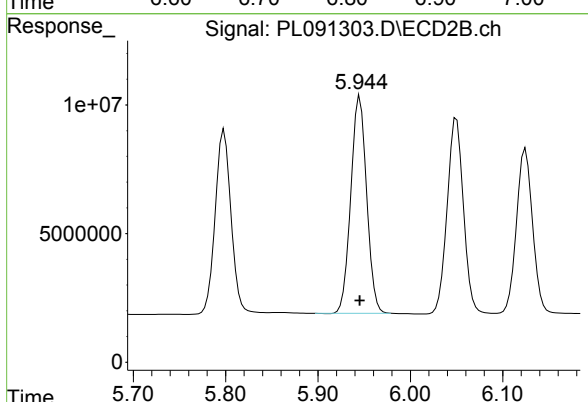
PB162812BS

Manual Integrations

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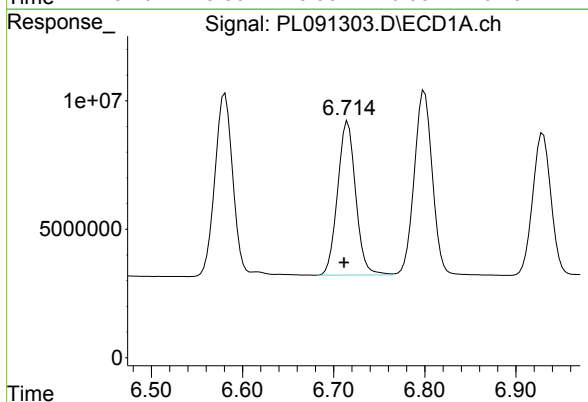
Reviewed By :Abdul Mirza 08/27/2024

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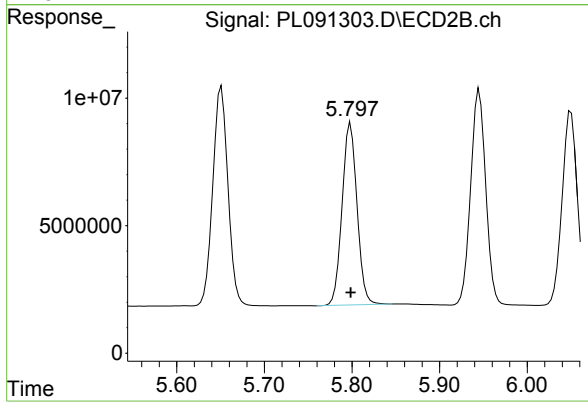
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 100599585
Conc: 52.00 ng/ml



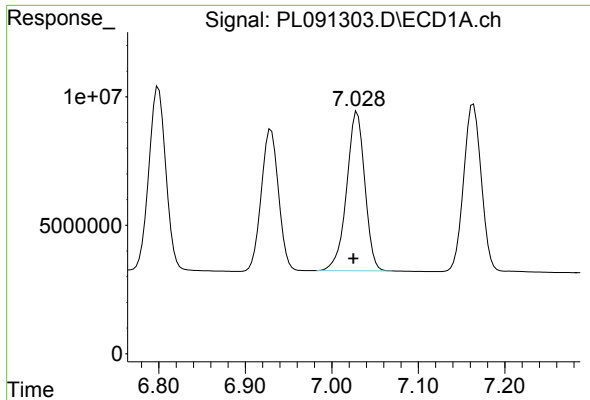
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.004 min
Response: 82621553
Conc: 54.67 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 84621373
Conc: 51.26 ng/ml



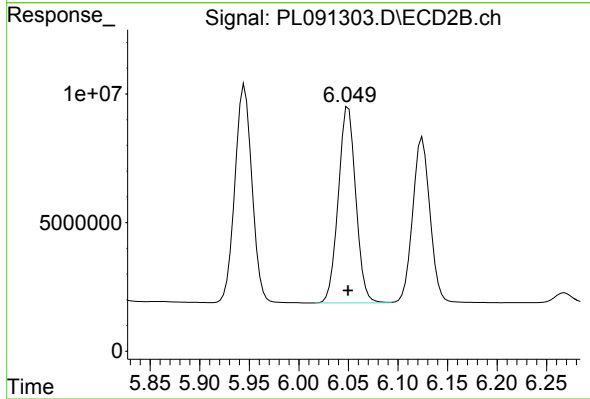
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.004 min
Response: 90039783
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

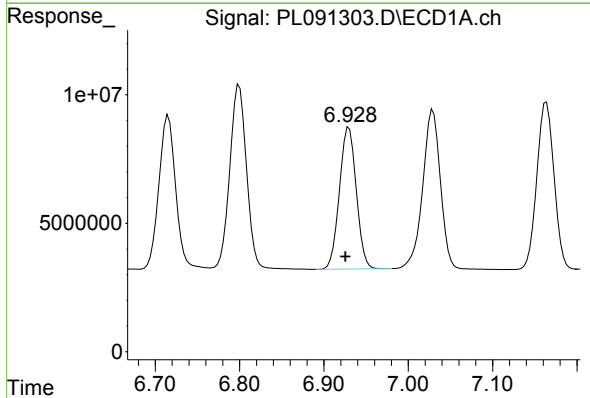
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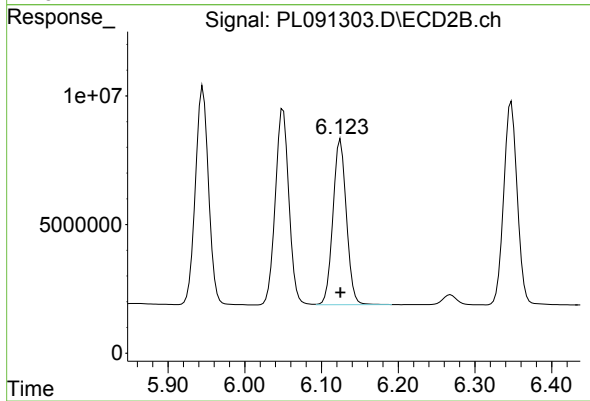
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 93682480
Conc: 52.74 ng/ml



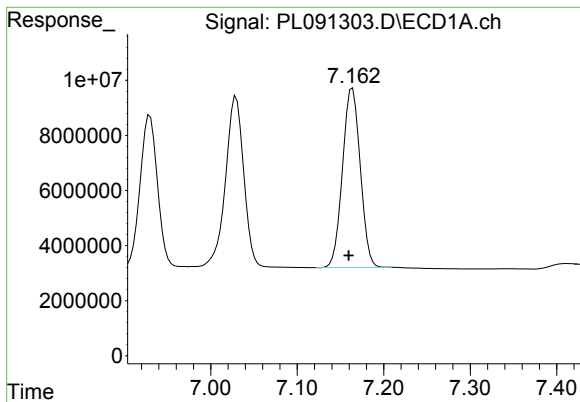
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.004 min
Response: 76619716
Conc: 48.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 78276107
Conc: 50.25 ng/ml



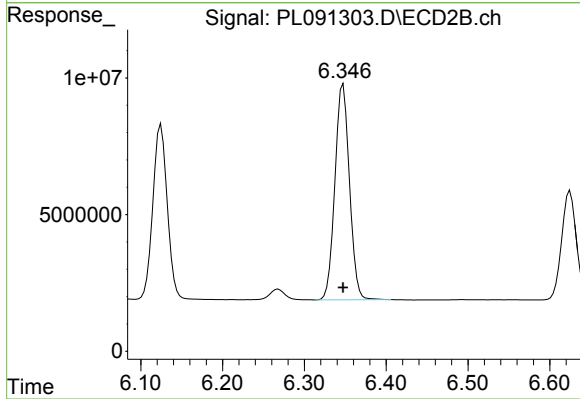
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.004 min
Response: 92238691
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

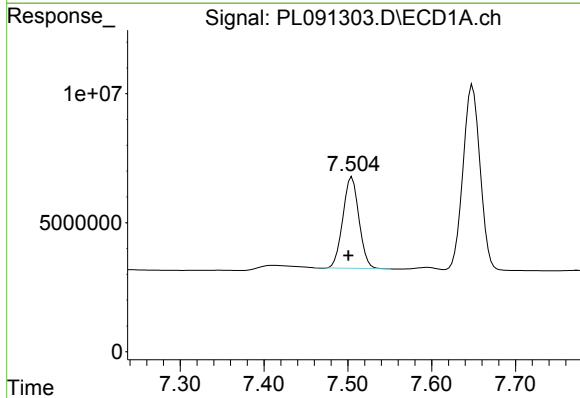
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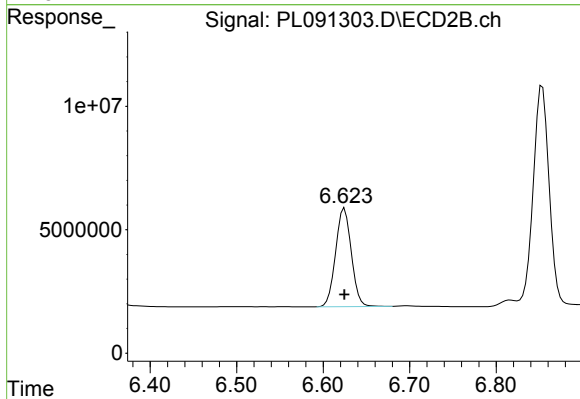
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 97395343
Conc: 50.52 ng/ml



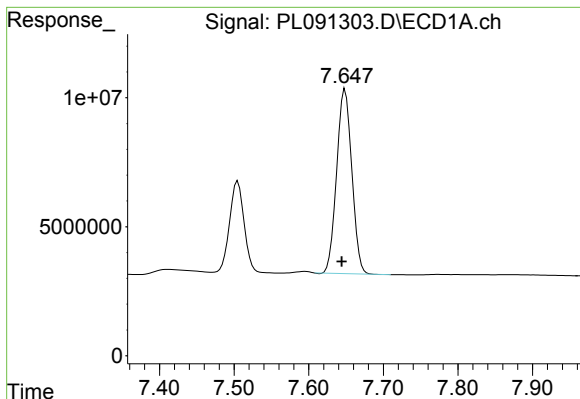
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 47363605
Conc: 50.37 ng/ml



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 50002072
Conc: 50.36 ng/ml



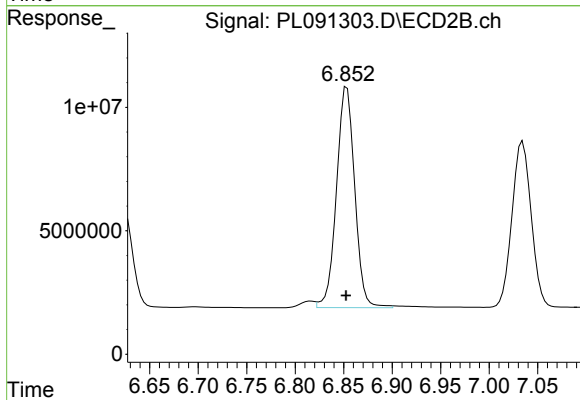
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.004 min
Response: 100753510
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

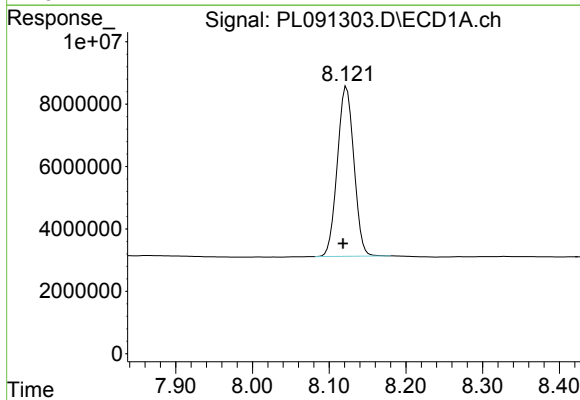
Manual Integrations
APPROVED

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



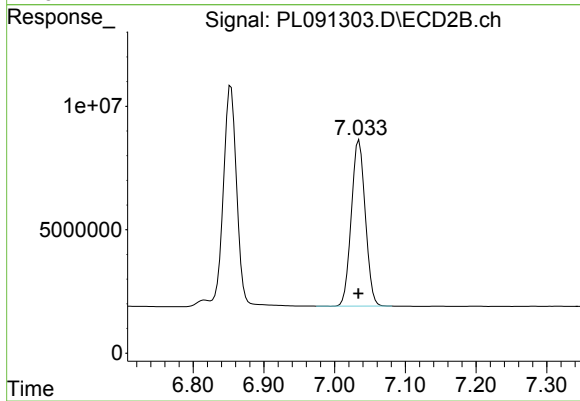
#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 116937150
Conc: 53.69 ng/ml m



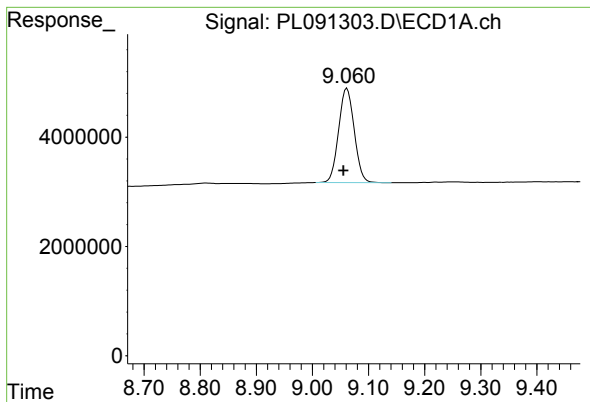
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.005 min
Response: 81785980
Conc: 48.08 ng/ml



#22 Mirex

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 92374733
Conc: 49.49 ng/ml



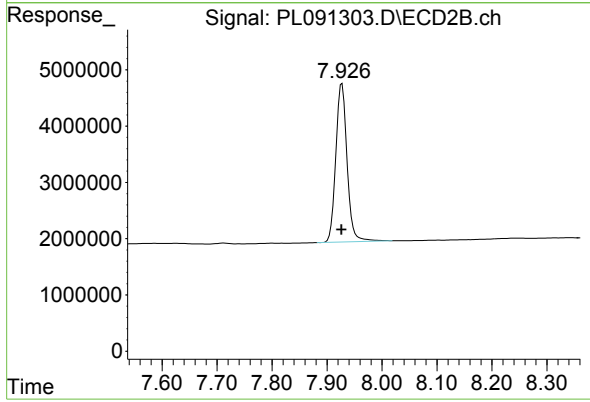
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.006 min
Response: 33397219
Conc: 21.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 40101876
Conc: 21.17 ng/ml