

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091326.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2024 19:38
 Operator : AR\AJ
 Sample : PB162989BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162989BS

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 02:12:30 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...	3.544	2.784	40822410	39903268	19.012	20.442
28)	SA Decachlor...	9.055	7.922	33682310	41147457	22.093	21.724
Target Compounds							
2)	A alpha-BHC	4.000	3.287	140.8E6	152.6E6	46.976	55.038
3)	MA gamma-BHC...	4.330	3.617	136.6E6	143.7E6	47.621m	54.561
4)	MA Heptachlor	4.920	3.957	128.2E6	141.6E6	48.154	54.841
5)	MB Aldrin	5.261	4.237	121.8E6	133.1E6	47.199	54.108
6)	B beta-BHC	4.528	3.916	64204546	62874592	47.476	53.416
7)	B delta-BHC	4.775	4.145	128.6E6	138.1E6	47.241	54.505
8)	B Heptachlo...	5.687	4.739	115.5E6	122.3E6	47.206	54.224
9)	A Endosulfan I	6.072	5.109	106.0E6	114.7E6	47.191	54.347
10)	B gamma-Chl...	5.943	4.989	114.7E6	127.4E6	47.470	53.910
11)	B alpha-Chl...	6.022	5.053	113.5E6	126.4E6	47.131	53.725
12)	B 4,4'-DDE	6.194	5.242	100.7E6	115.2E6	48.140	55.154
13)	MA Dieldrin	6.347	5.373	111.9E6	123.3E6	47.507	54.155
14)	MA Endrin	6.576	5.649	96365321	109.2E6	49.692m	53.595
15)	B Endosulfa...	6.795	5.943	97962818	106.8E6	48.408	55.225
16)	A 4,4'-DDD	6.709	5.796	84828968	93644415	56.127m	56.727
17)	MA 4,4'-DDT	7.025	6.047	90731988	99120682	51.114	55.798
18)	B Endrin al...	6.925	6.121	78384471	83327361	49.100	53.494
19)	B Endosulfa...	7.159	6.344	92235335	101.9E6	48.073	52.859
20)	A Methoxychlor	7.501	6.620	50073914	53525433	53.255	53.904m
21)	B Endrin ke...	7.644	6.849	101.5E6	115.7E6	48.320	53.108
22)	Mirex	8.118	7.031	79906728	95443025	46.972	51.137

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
Data File : PL091326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2024 19:38
Operator : AR\AJ
Sample : PB162989BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

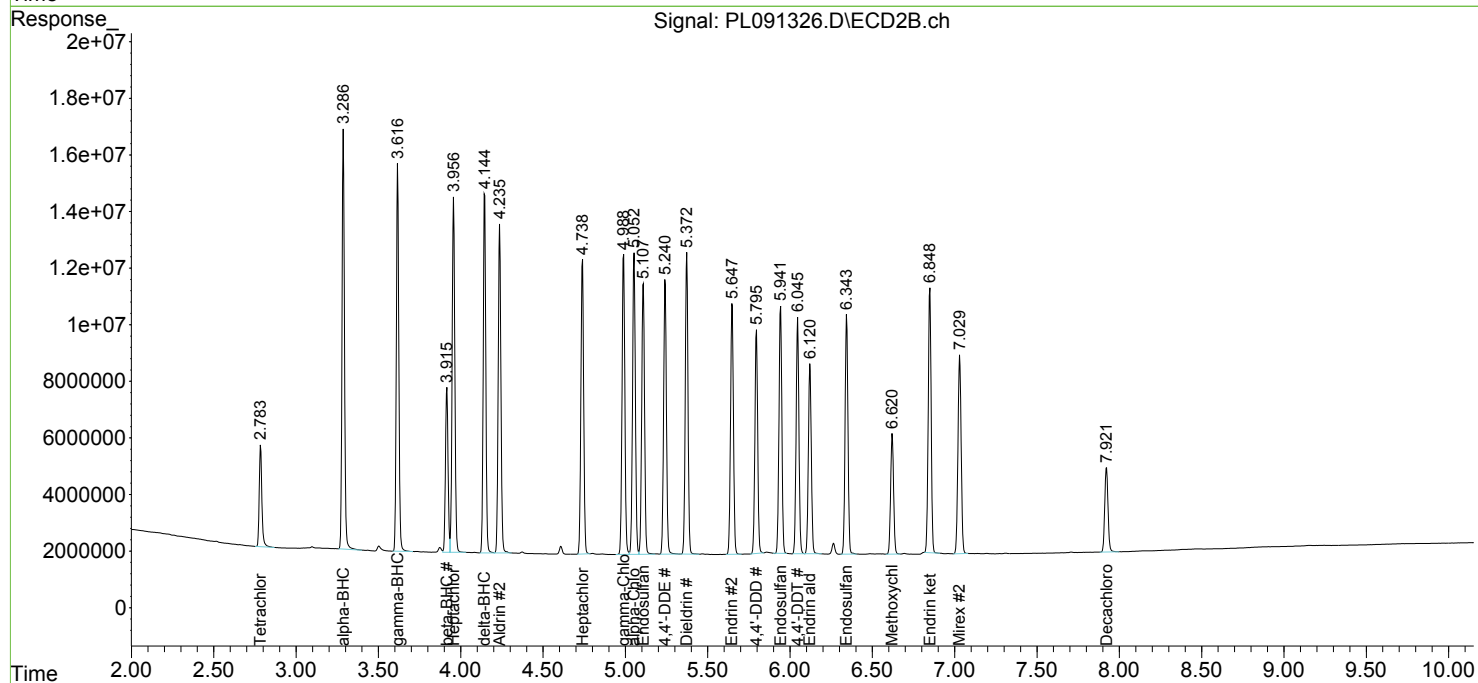
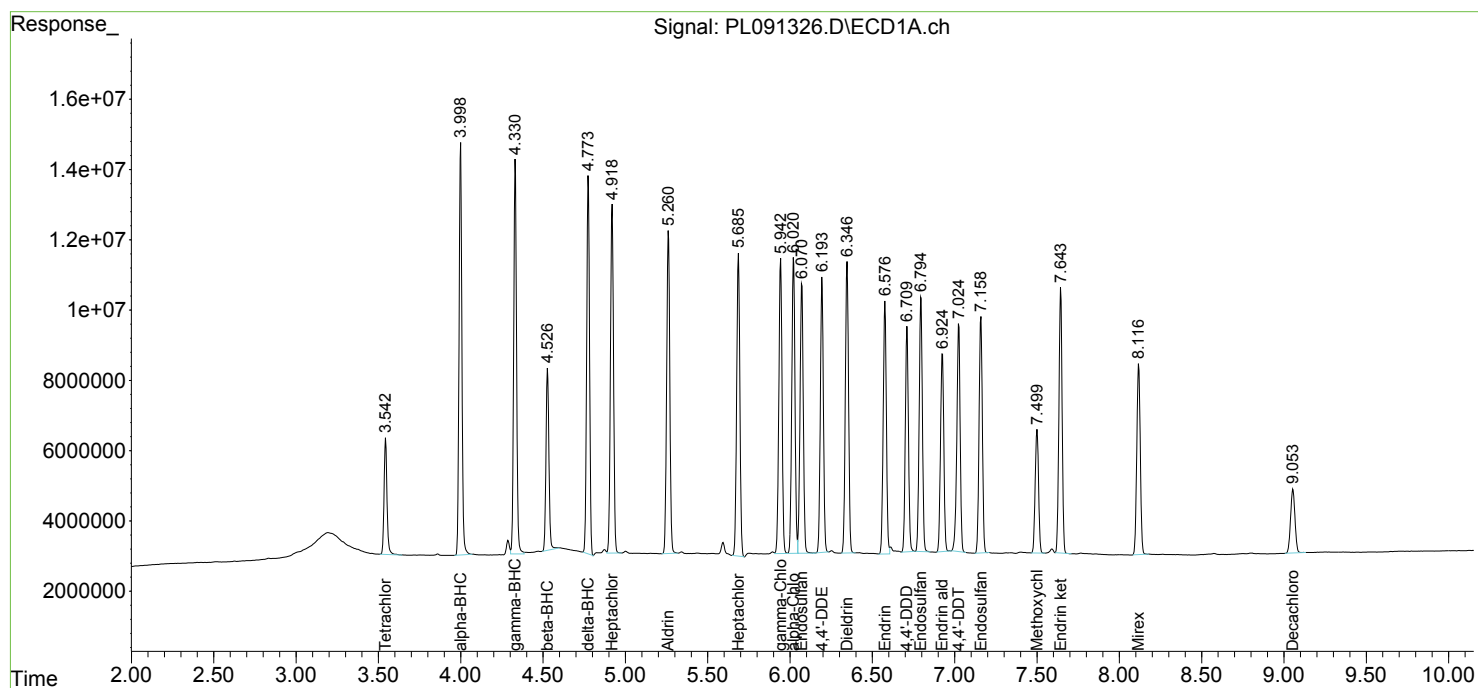
Instrument :
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ClientSampleId :
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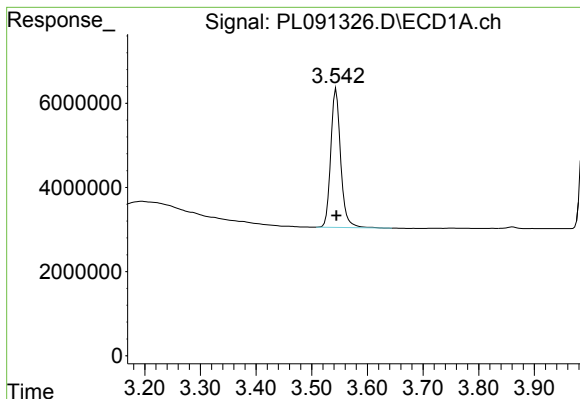
Manual Integrations
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Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 02:12:30 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





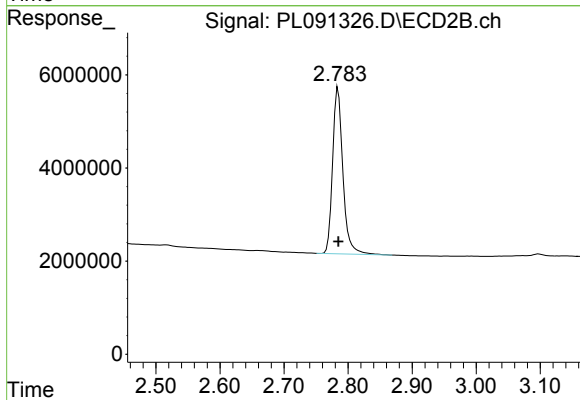
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 40822410
Conc: 19.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162989BS

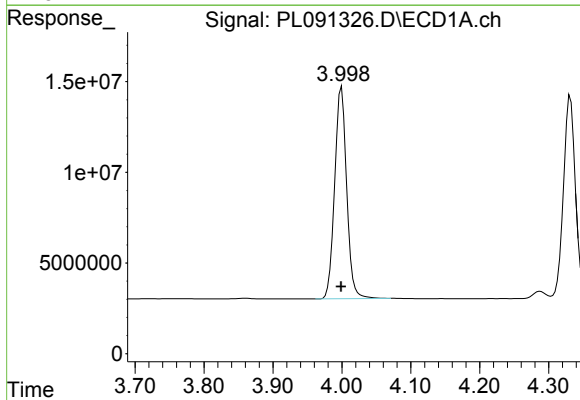
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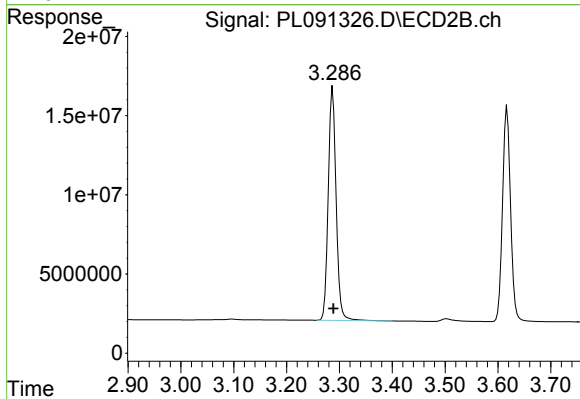
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: 0.000 min
Response: 39903268
Conc: 20.44 ng/ml



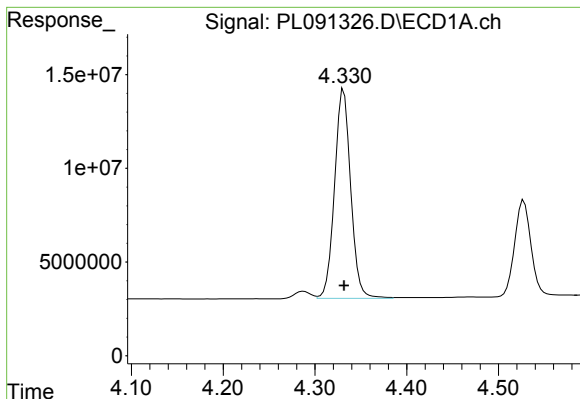
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 140823978
Conc: 46.98 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.001 min
Response: 152645637
Conc: 55.04 ng/ml



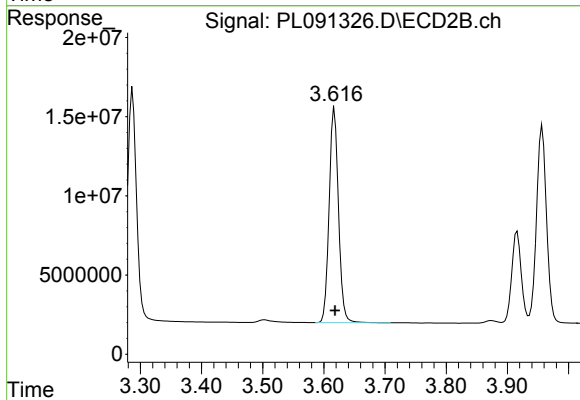
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 136609589
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162989BS

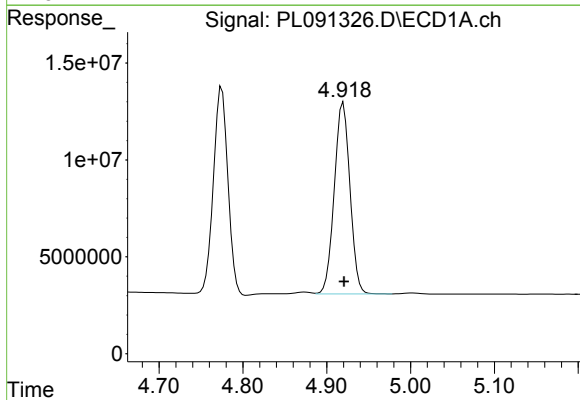
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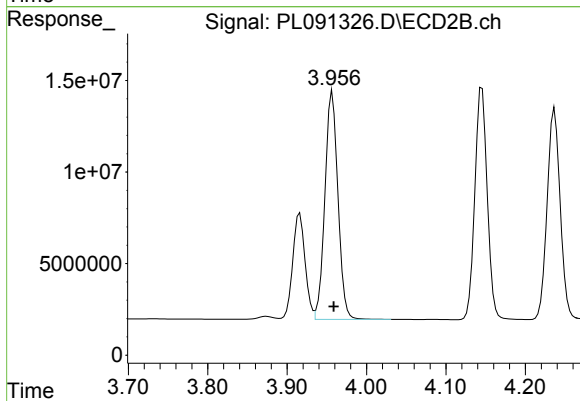
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: -0.001 min
Response: 143711014
Conc: 54.56 ng/ml



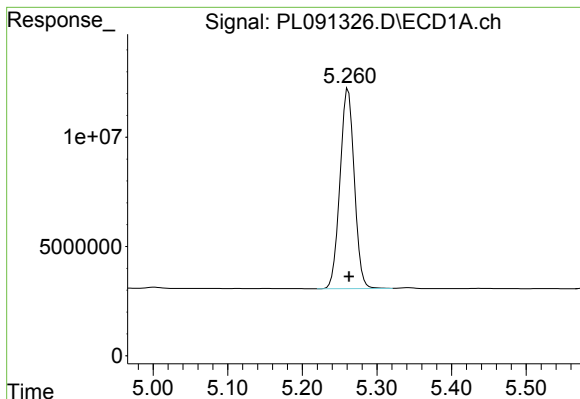
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 128235066
Conc: 48.15 ng/ml



#4 Heptachlor

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 141637319
Conc: 54.84 ng/ml



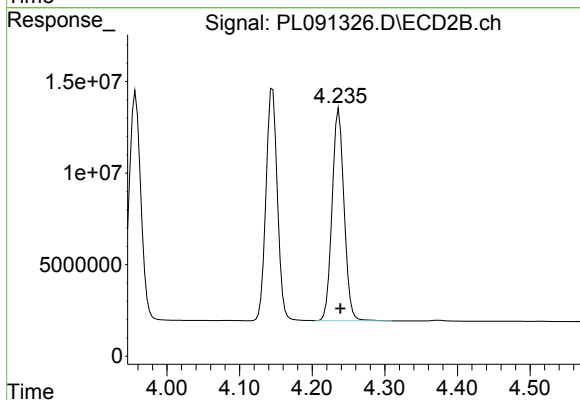
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 121815604
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162989BS

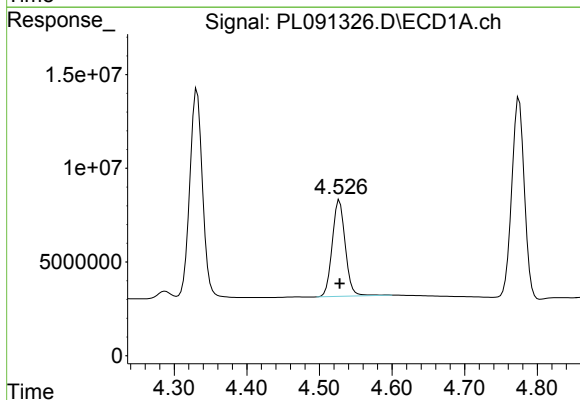
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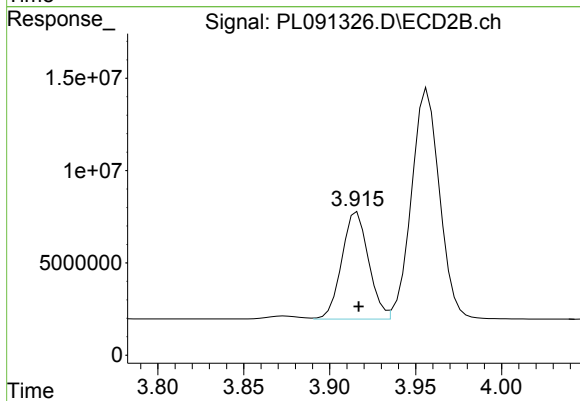
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: -0.002 min
Response: 133062135
Conc: 54.11 ng/ml



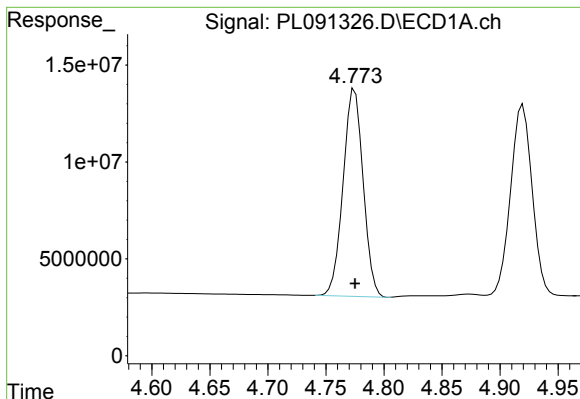
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 64204546
Conc: 47.48 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 62874592
Conc: 53.42 ng/ml



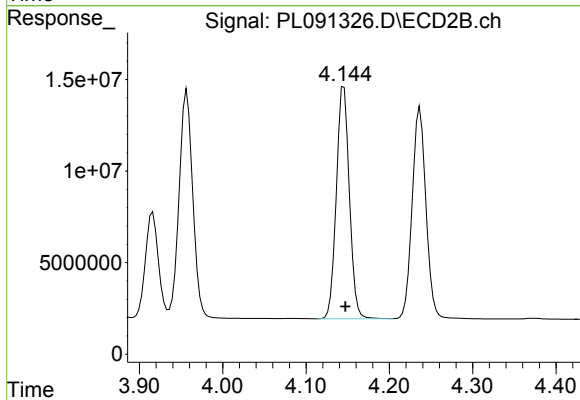
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 128612384
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162989BS

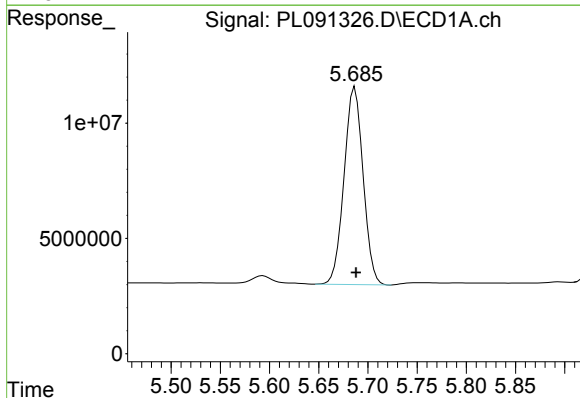
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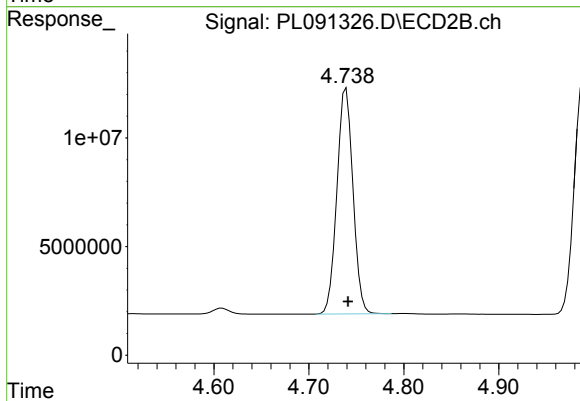
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: -0.002 min
Response: 138126232
Conc: 54.50 ng/ml



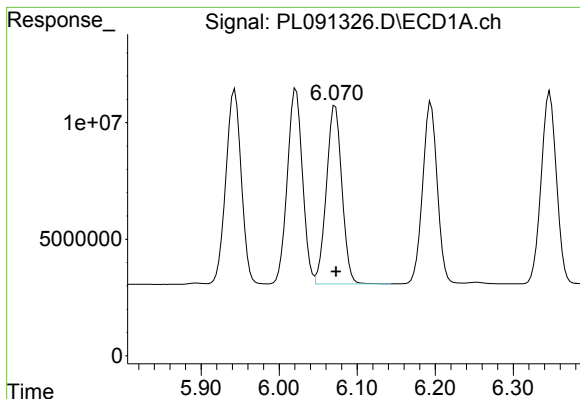
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.001 min
Response: 115491905
Conc: 47.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.739 min
Delta R.T.: -0.002 min
Response: 122267129
Conc: 54.22 ng/ml



#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 105959257
Conc: 47.19 ng/ml

Instrument :

ECD_L

ClientSampleId :

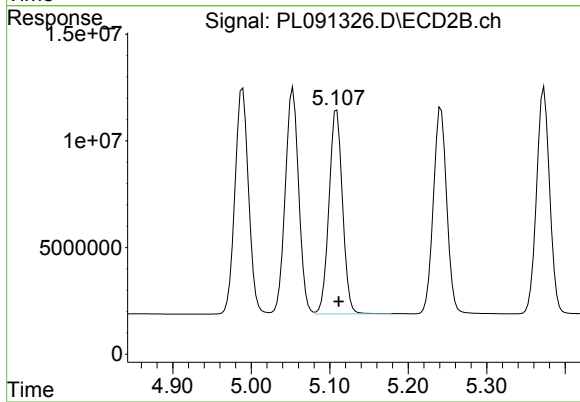
PB162989BS

Manual Integrations

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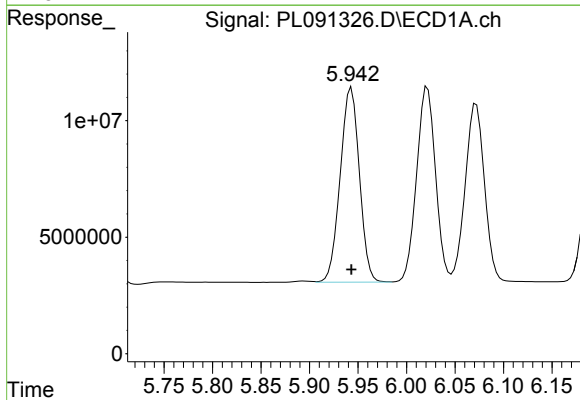
Reviewed By :Abdul Mirza 08/27/2024

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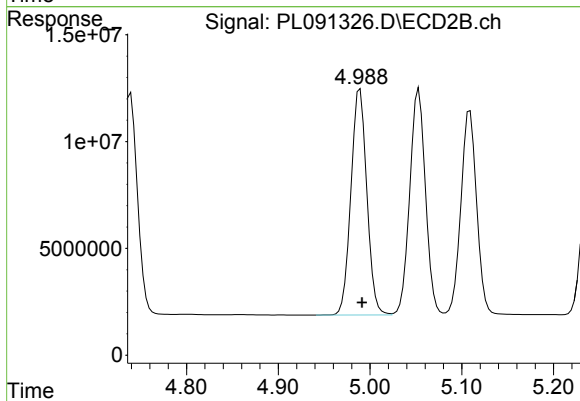
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 114681615
Conc: 54.35 ng/ml



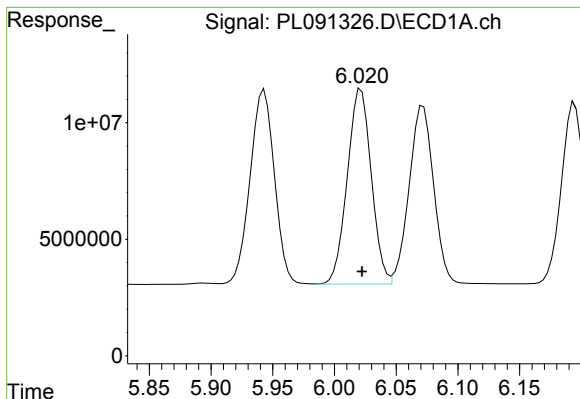
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 114708007
Conc: 47.47 ng/ml



#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 127440707
Conc: 53.91 ng/ml



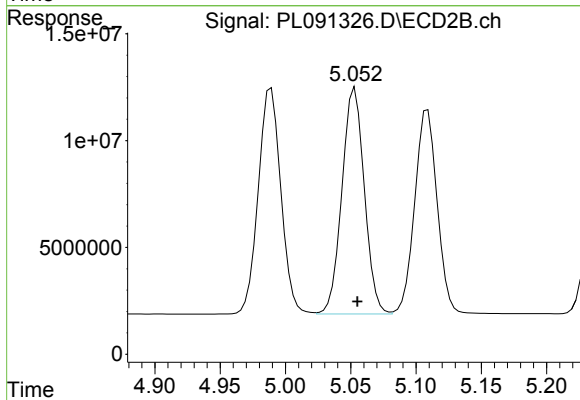
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 113478078
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162989BS

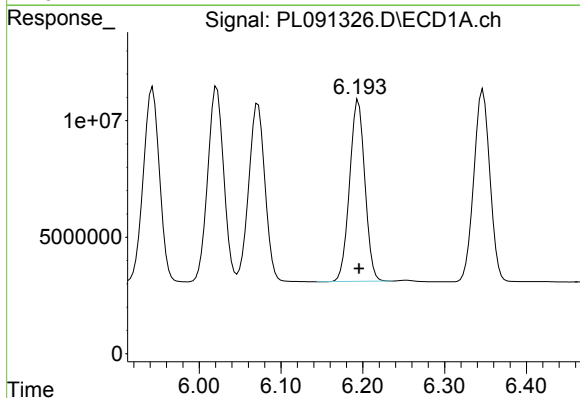
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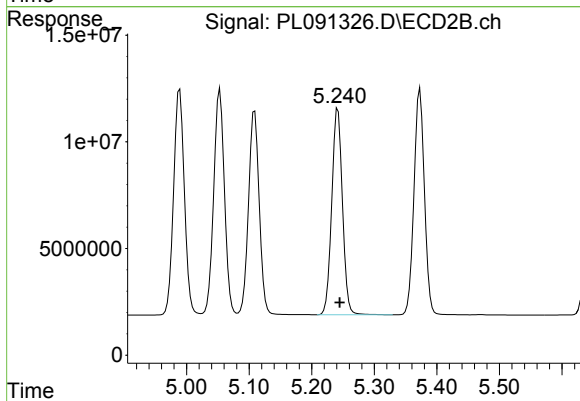
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 126390856
Conc: 53.72 ng/ml



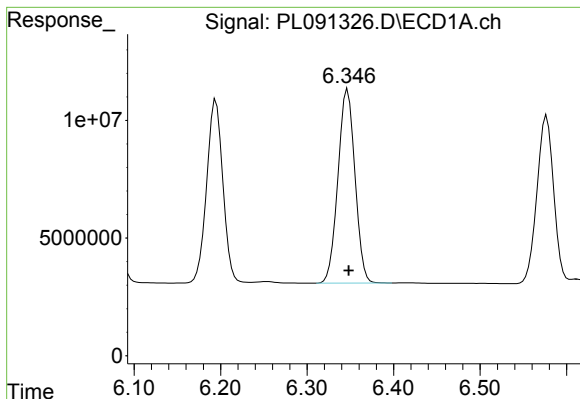
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 100713059
Conc: 48.14 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 115238411
Conc: 55.15 ng/ml



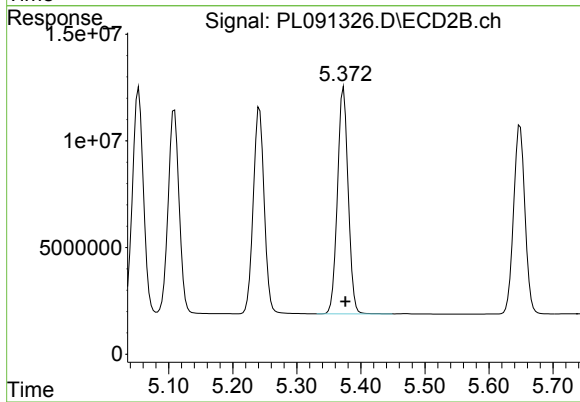
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 111890169
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162989BS

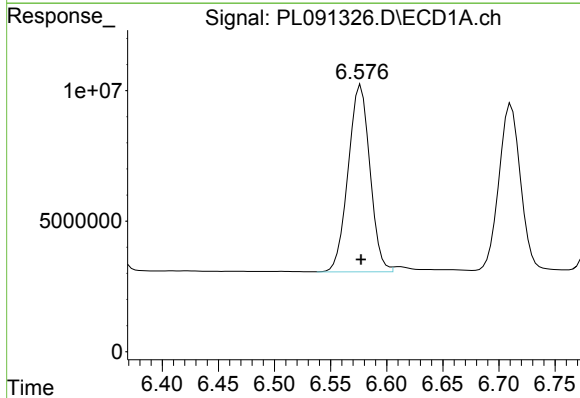
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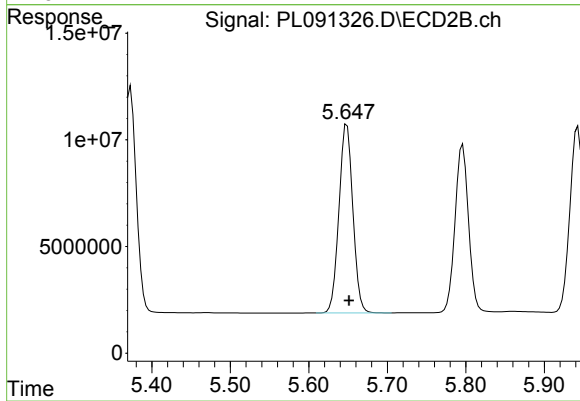
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 123340498
Conc: 54.16 ng/ml



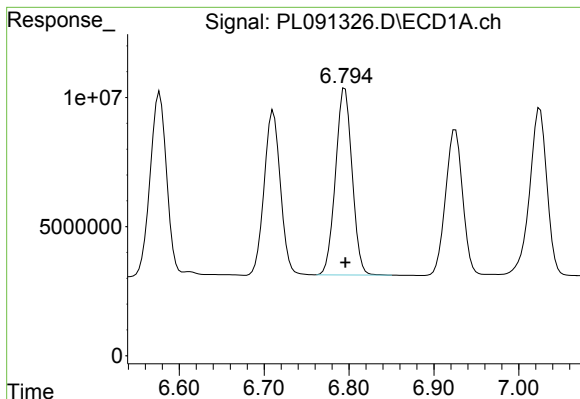
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 96365321
Conc: 49.69 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 109180329
Conc: 53.59 ng/ml



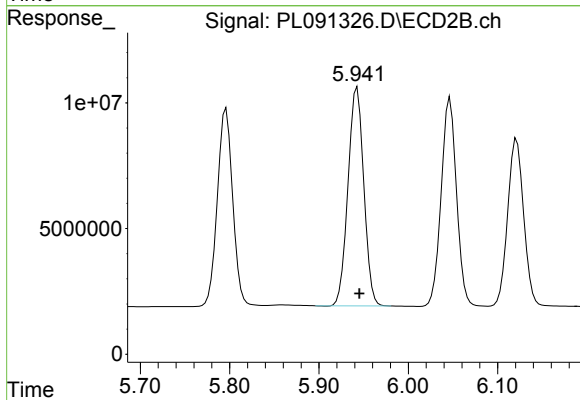
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 97962818
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162989BS

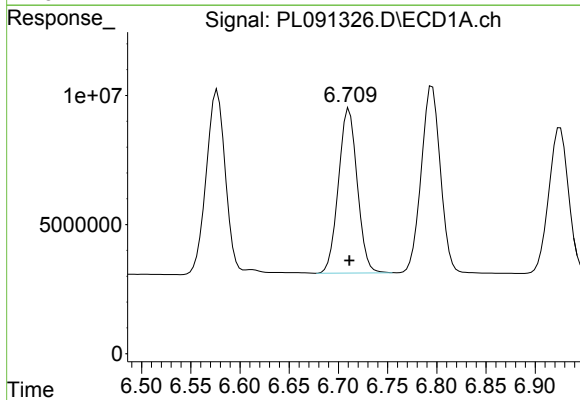
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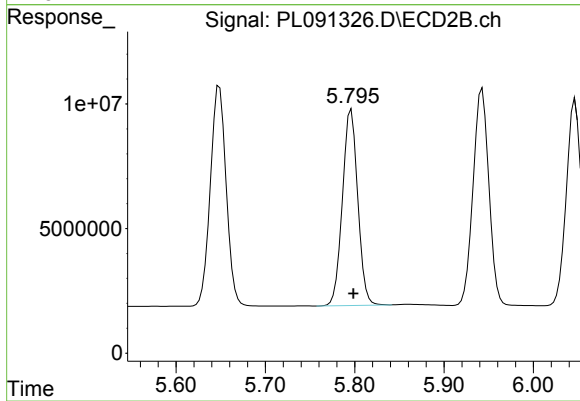
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 106842091
Conc: 55.22 ng/ml



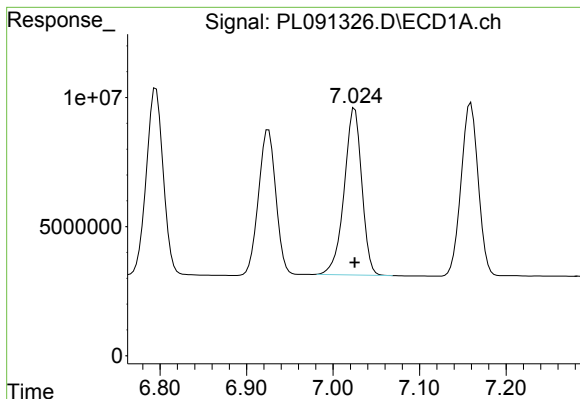
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 84828968
Conc: 56.13 ng/ml m



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 93644415
Conc: 56.73 ng/ml



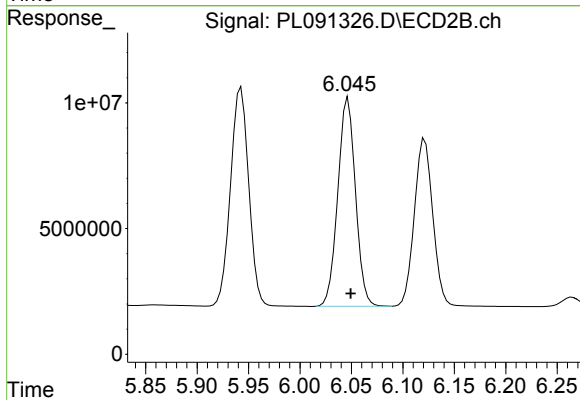
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 90731988
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162989BS

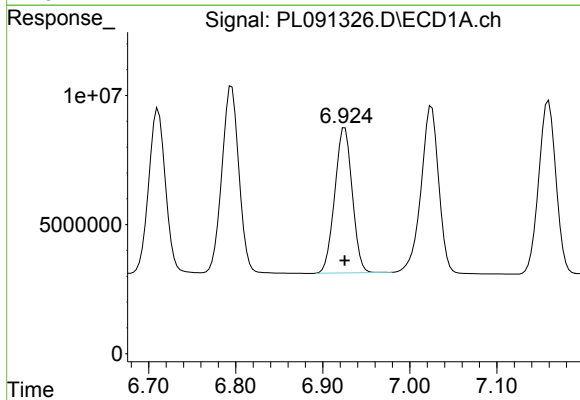
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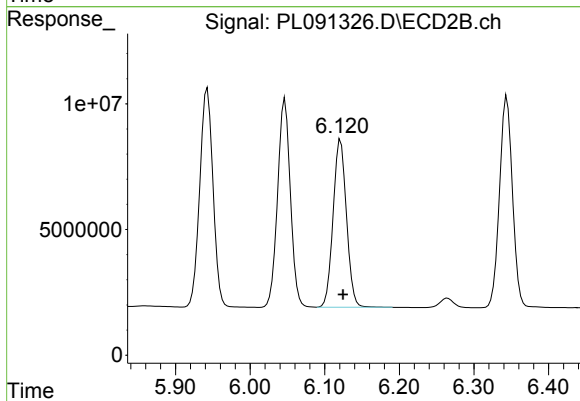
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.003 min
Response: 99120682
Conc: 55.80 ng/ml



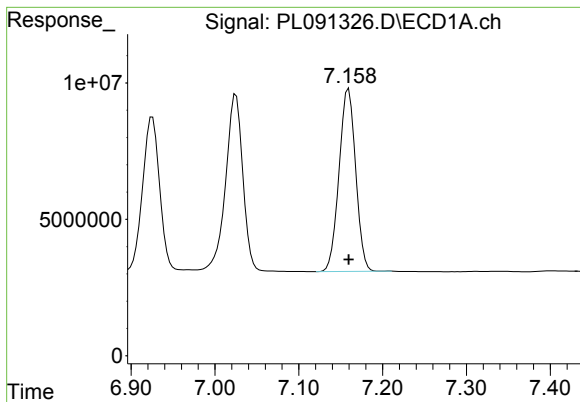
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 78384471
Conc: 49.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 83327361
Conc: 53.49 ng/ml



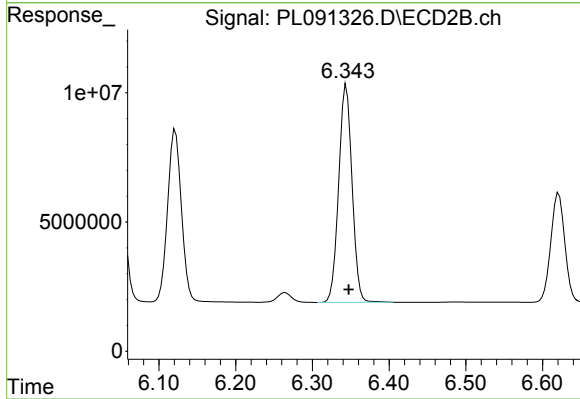
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 92235335
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162989BS

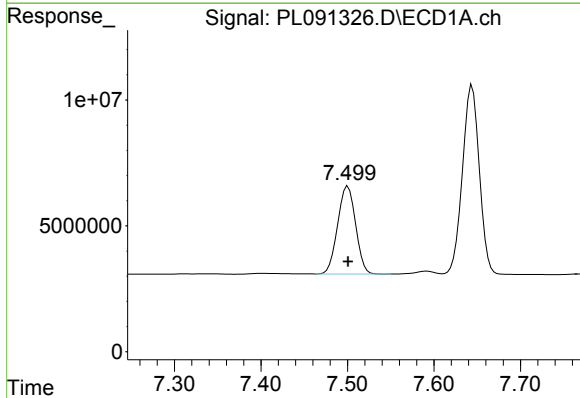
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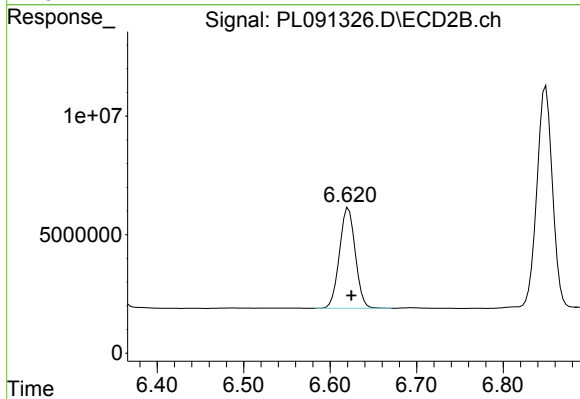
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: -0.003 min
Response: 101911501
Conc: 52.86 ng/ml



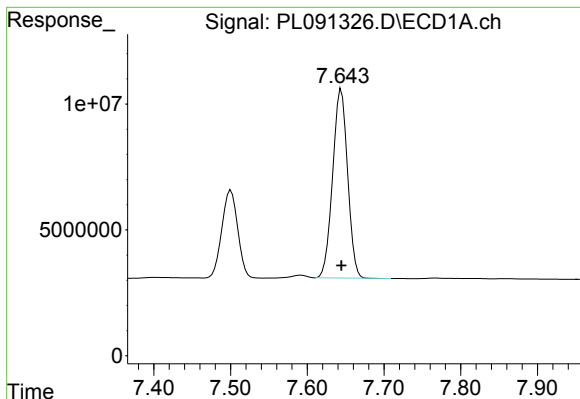
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 50073914
Conc: 53.26 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.005 min
Response: 53525433
Conc: 53.90 ng/ml m



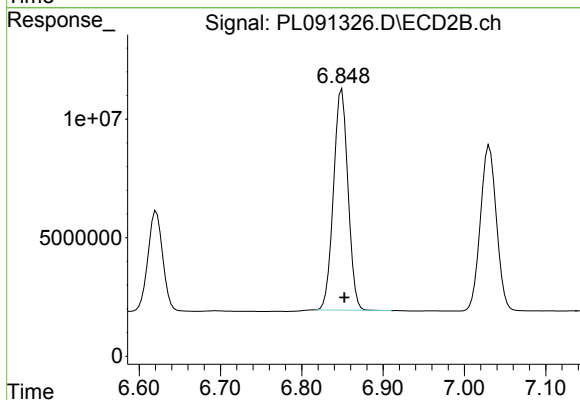
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 101458209
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162989BS

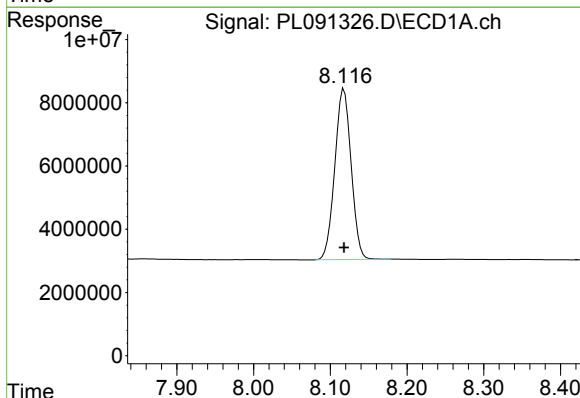
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APPROVED

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



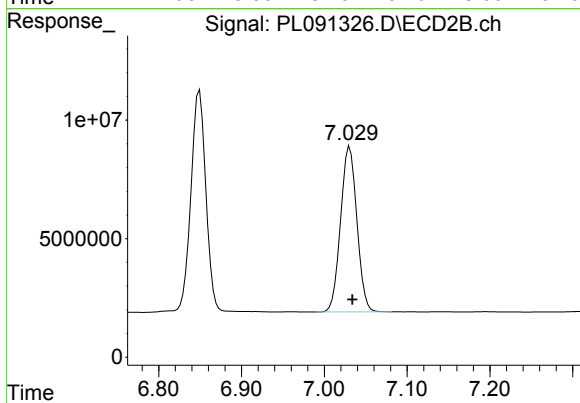
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.003 min
Response: 115668221
Conc: 53.11 ng/ml



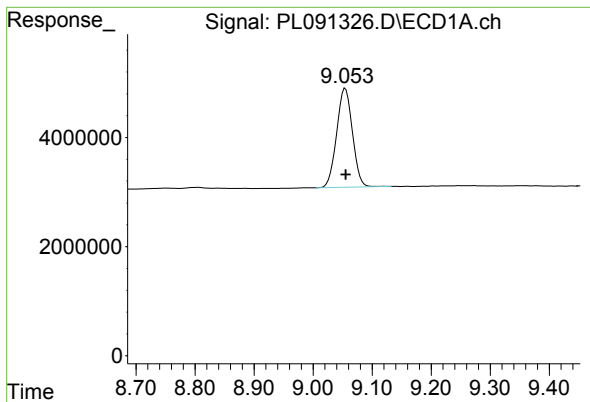
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 79906728
Conc: 46.97 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 95443025
Conc: 51.14 ng/ml



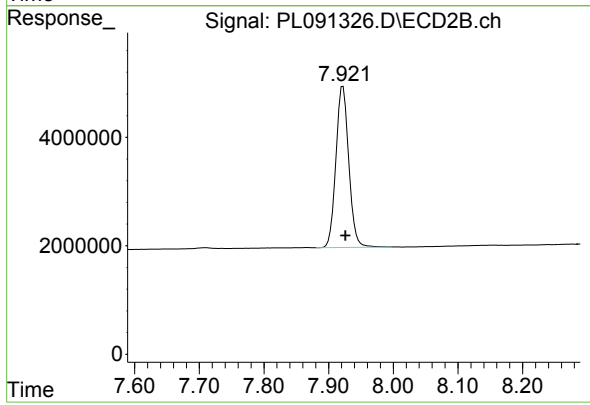
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 33682310
Conc: 22.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162989BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: -0.004 min
Response: 41147457
Conc: 21.72 ng/ml