

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
 Data File : PL089284.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2024 15:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/01/2024
 Supervised By : mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 01:17:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.551	2.797	104.6E6	72146197	51.960	56.230
28)	SA Decachlor...	9.065	7.949	59089619	55751962	42.237	41.445
Target Compounds							
2)	A alpha-BHC	4.007	3.303	149.8E6	108.7E6	52.536	57.613
3)	MA gamma-BHC...	4.339	3.634	143.4E6	105.6E6	51.524	57.221
4)	MA Heptachlor	4.929	3.976	123.6E6	98006211	49.841	55.930
5)	MB Aldrin	5.270	4.256	123.2E6	99560097	47.972m	56.318m
6)	B beta-BHC	4.533	3.930	63016555	45079340	49.951	55.213
7)	B delta-BHC	4.781	4.162	135.5E6	105.0E6	51.108	58.366
8)	B Heptachlo...	5.695	4.760	113.6E6	86905124	48.448m	53.752
9)	A Endosulfan I	6.082	5.130	104.2E6	76473200	48.483	51.061
10)	B gamma-Chl...	5.952	5.009	116.7E6	86656640	51.048	52.809m
11)	B alpha-Chl...	6.032	5.075	110.9E6	87234334	48.765	52.895
12)	B 4,4'-DDE	6.203	5.263	96742829	78807471	47.813	54.201
13)	MA Dieldrin	6.357	5.395	107.5E6	85095834	48.036	52.897
14)	MA Endrin	6.585	5.671	86669641	75507644	45.752m	52.521
15)	B Endosulfa...	6.803	5.964	88892440	69748850	44.540m	48.493
16)	A 4,4'-DDD	6.718	5.818	80325625	64775884	47.614m	52.525
17)	MA 4,4'-DDT	7.033	6.069	80821230	62637723	43.949	46.296
18)	B Endrin al...	6.934	6.143	71359184	54359375	47.186	48.871
19)	B Endosulfa...	7.168	6.367	83889581	68579680	46.377	49.438
20)	A Methoxychlor	7.508	6.644	43313905	35432814	44.045	44.314
21)	B Endrin ke...	7.653	6.873	92528848	75014810	46.227	46.914
22)	Mirex	8.128	7.056	67045558	63986760	43.141	46.903

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
Data File : PL089284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2024 15:58
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

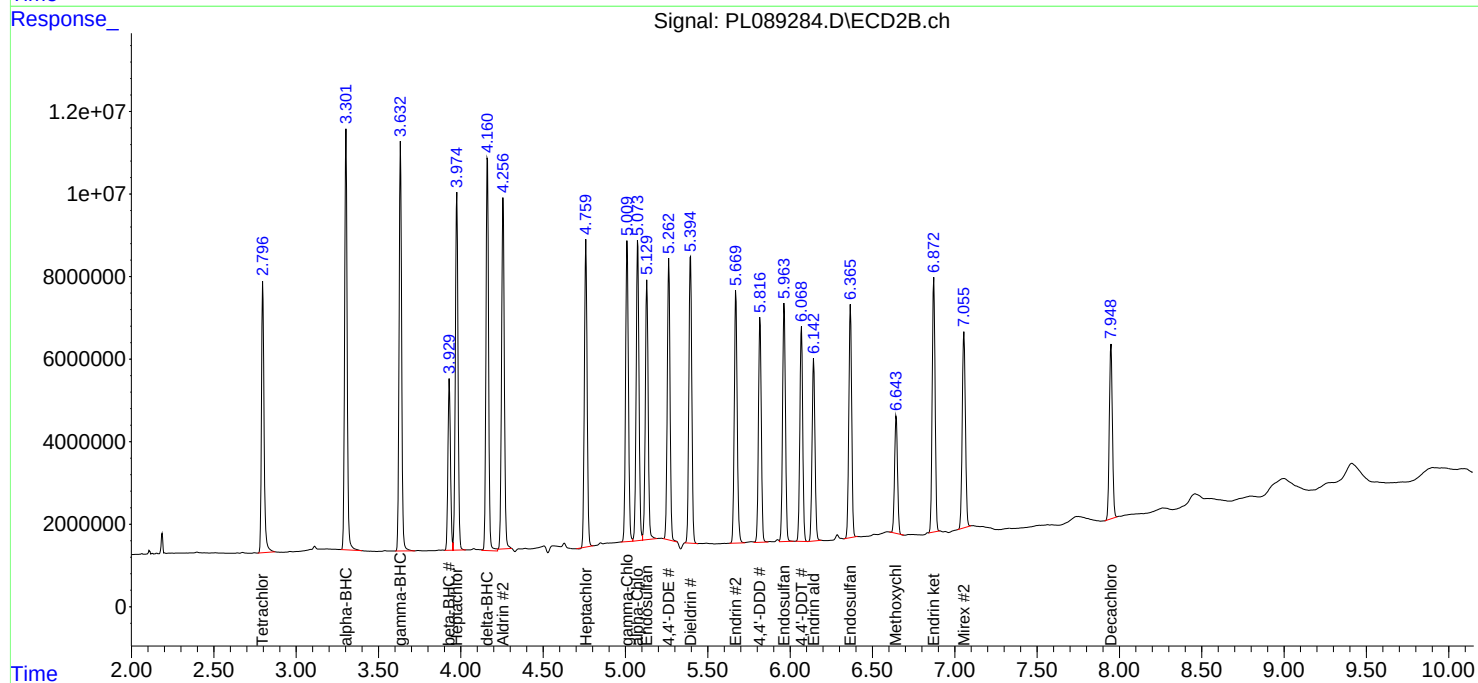
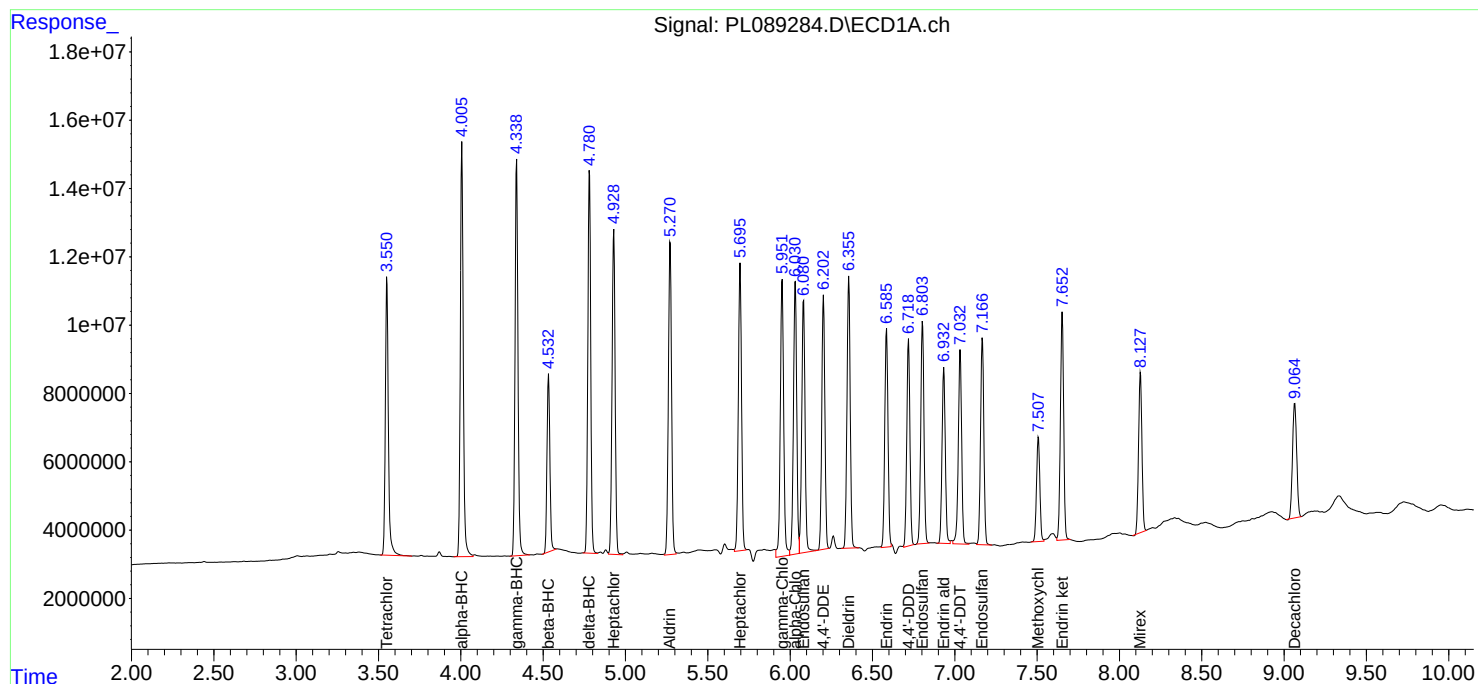
APPROVED

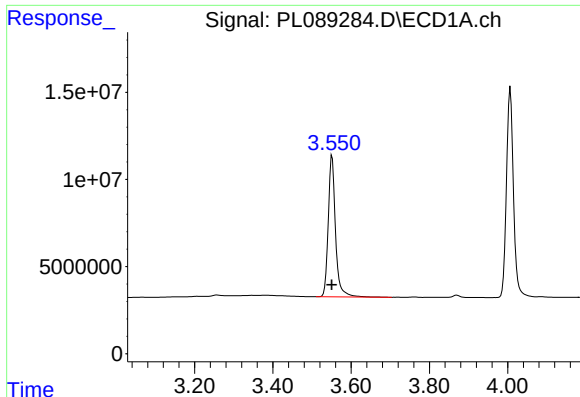
Reviewed By :Abdul Mirza 05/01/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 01:17:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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.: 3.551 min
Delta R.T.: 0.001 min
Response: 104630144
Conc: 51.96 ng/ml

Instrument :

ECD_L

ClientSampleId :

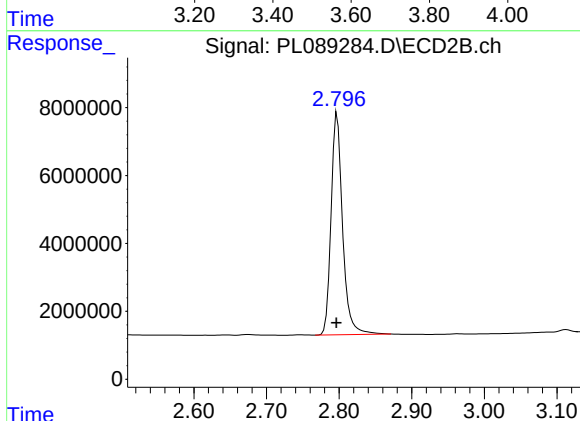
PSTDCCC050

Manual Integrations

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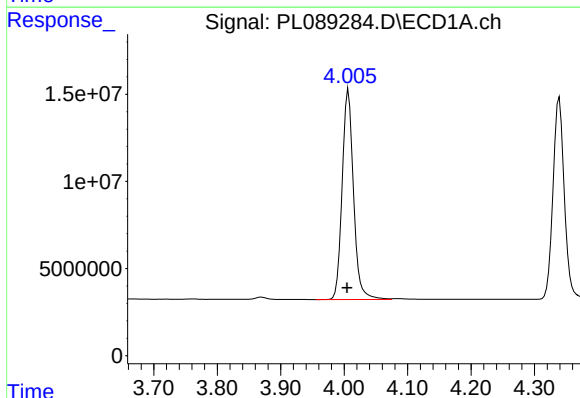
Reviewed By :Abdul Mirza 05/01/2024

Supervised By :mohammad ahmed 05/02/2024



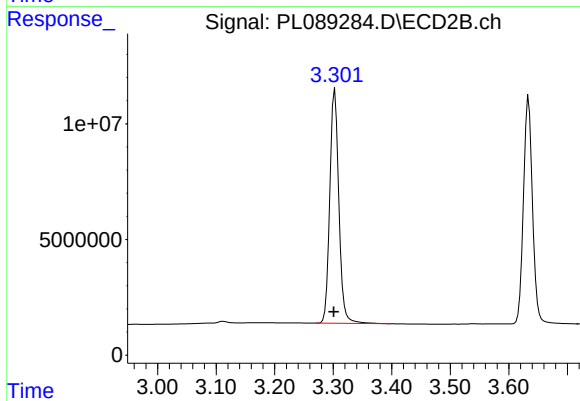
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.001 min
Response: 72146197
Conc: 56.23 ng/ml



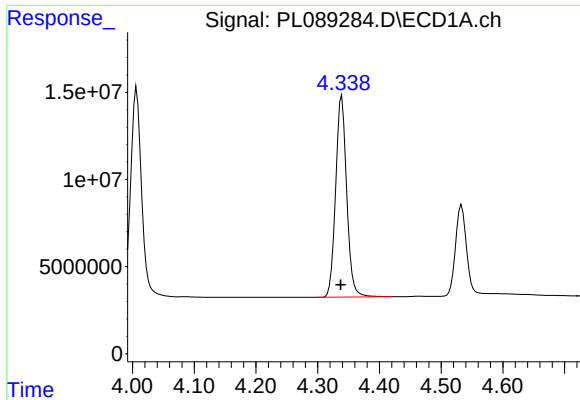
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 149820960
Conc: 52.54 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 108708972
Conc: 57.61 ng/ml



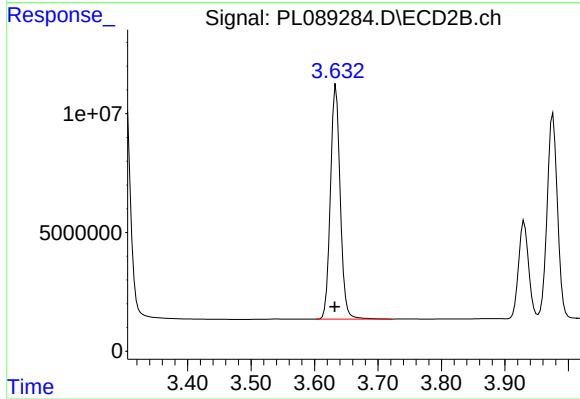
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 143439419
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

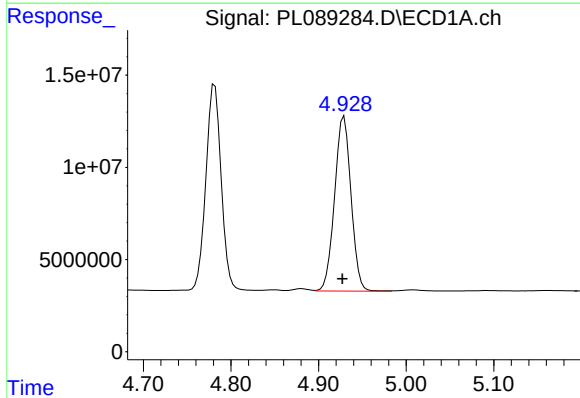
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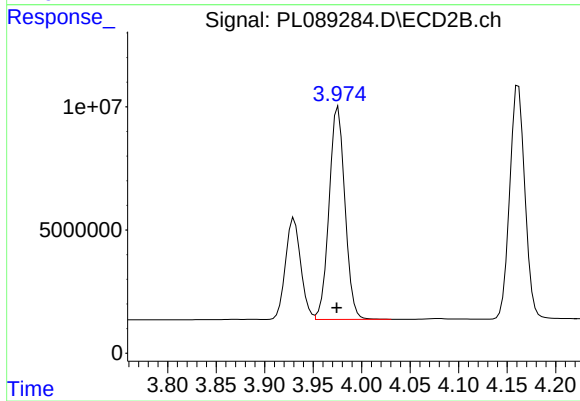
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.002 min
Response: 105586672
Conc: 57.22 ng/ml



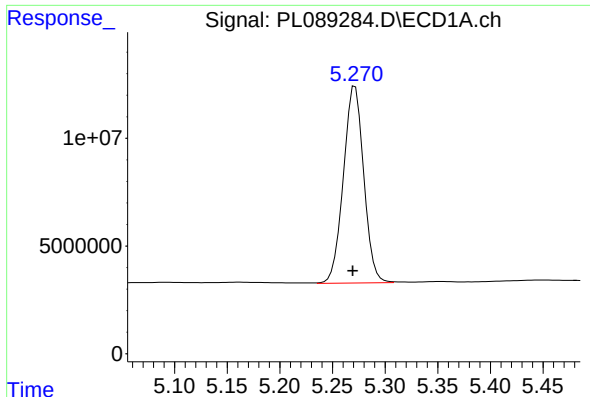
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 123611772
Conc: 49.84 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.002 min
Response: 98006211
Conc: 55.93 ng/ml



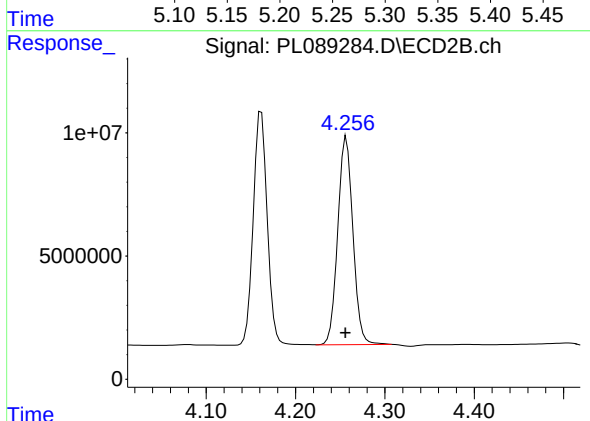
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 123202891
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

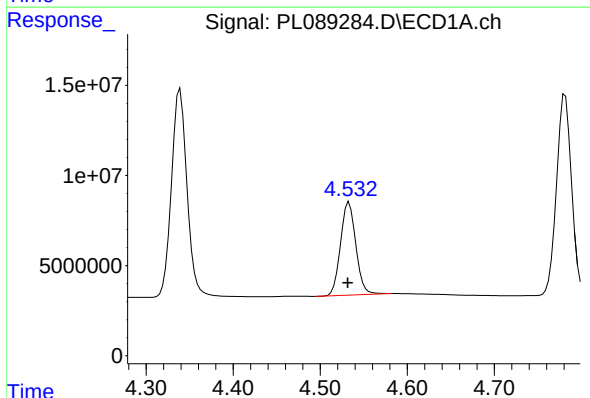
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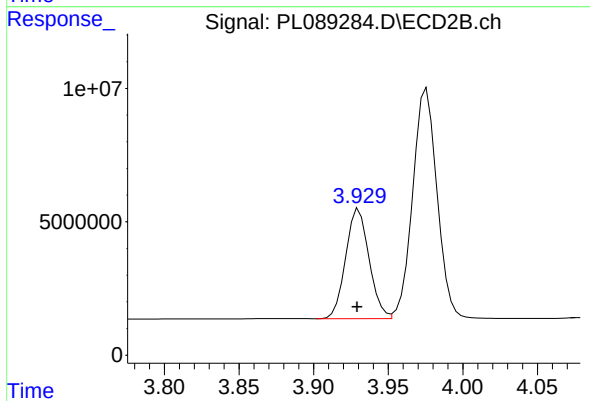
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 99560097
Conc: 56.32 ng/ml m



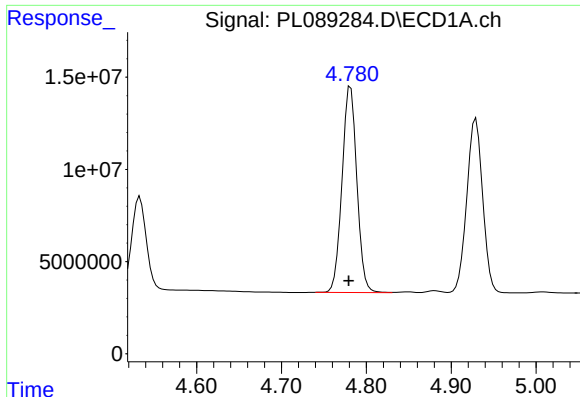
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 63016555
Conc: 49.95 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.001 min
Response: 45079340
Conc: 55.21 ng/ml



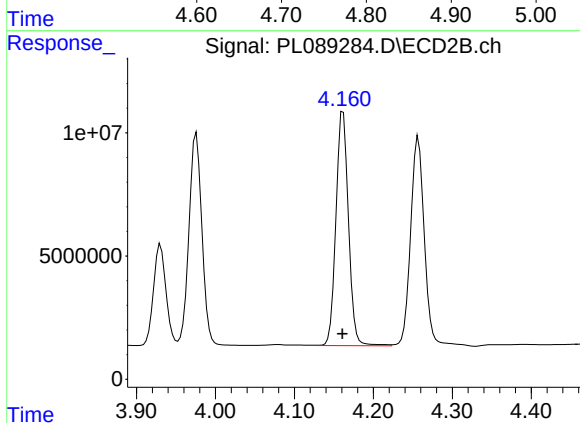
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 135541082
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

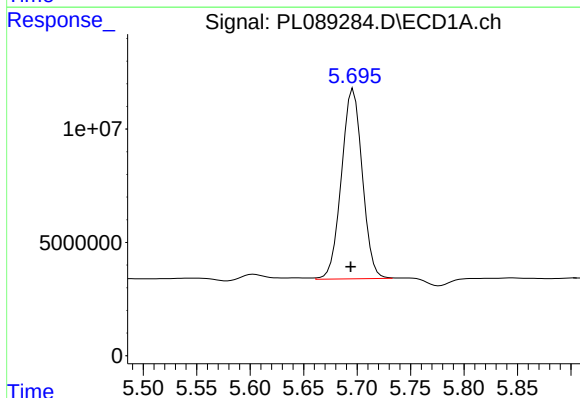
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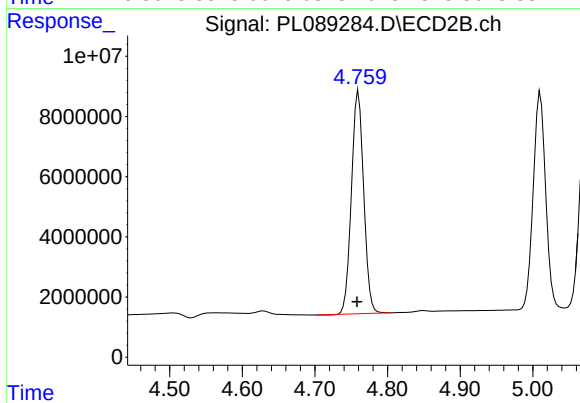
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.001 min
Response: 105011000
Conc: 58.37 ng/ml



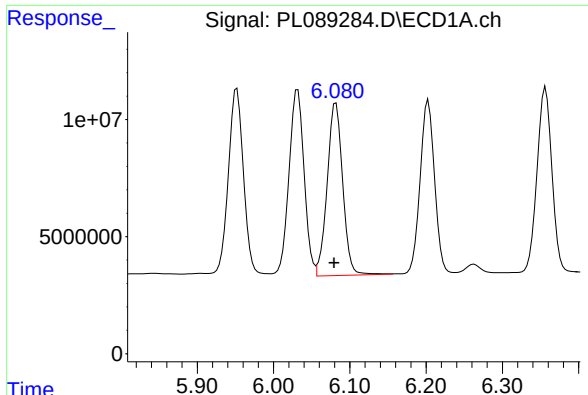
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.001 min
Response: 113633908
Conc: 48.45 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.002 min
Response: 86905124
Conc: 53.75 ng/ml



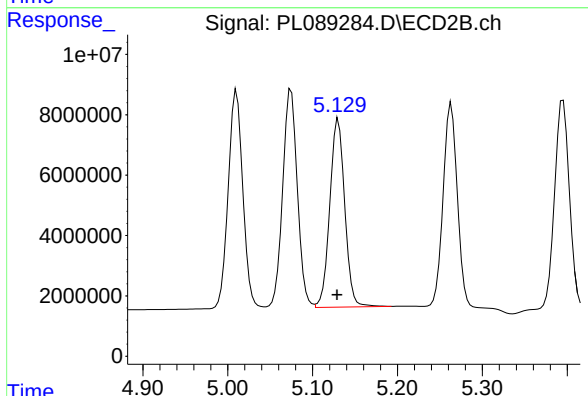
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 104227545
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

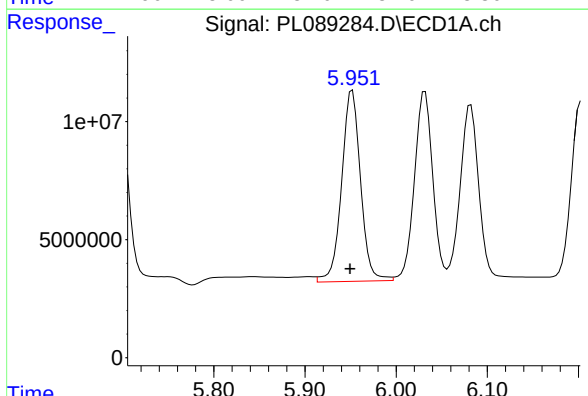
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Supervised By :mohammad ahmed 05/02/2024



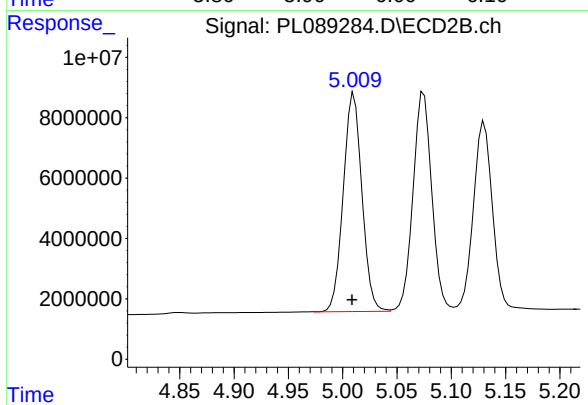
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.002 min
Response: 76473200
Conc: 51.06 ng/ml



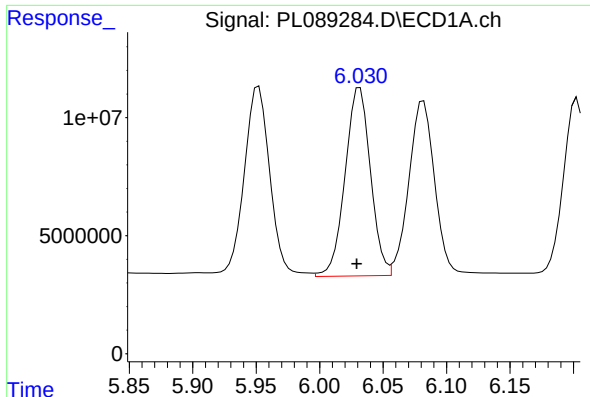
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 116690872
Conc: 51.05 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 86656640
Conc: 52.81 ng/ml m



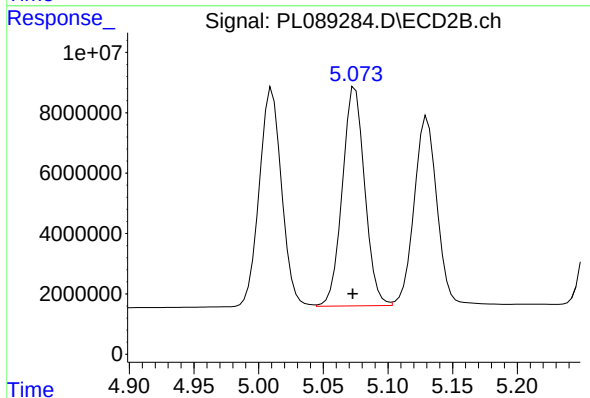
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 110925730
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

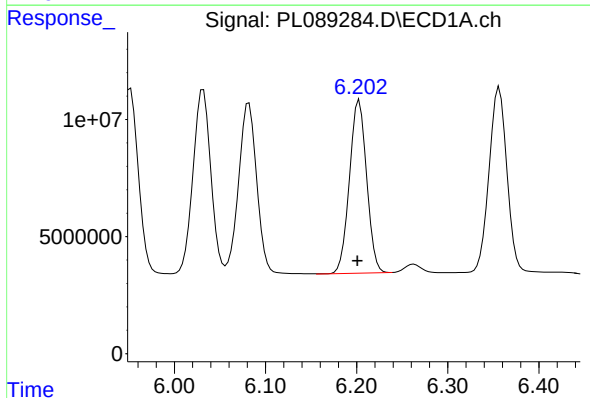
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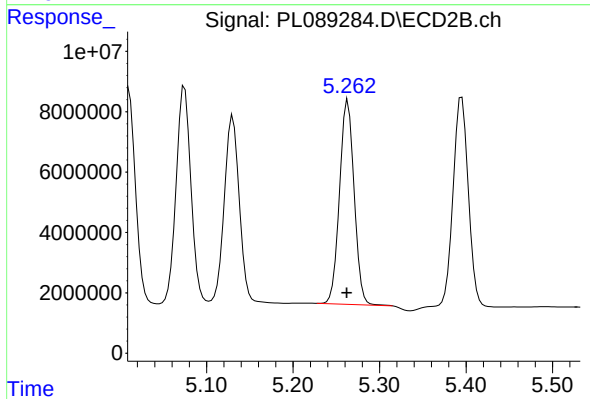
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.002 min
Response: 87234334
Conc: 52.90 ng/ml



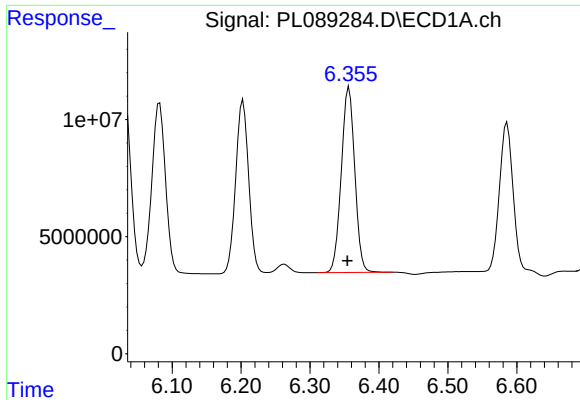
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 96742829
Conc: 47.81 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.001 min
Response: 78807471
Conc: 54.20 ng/ml



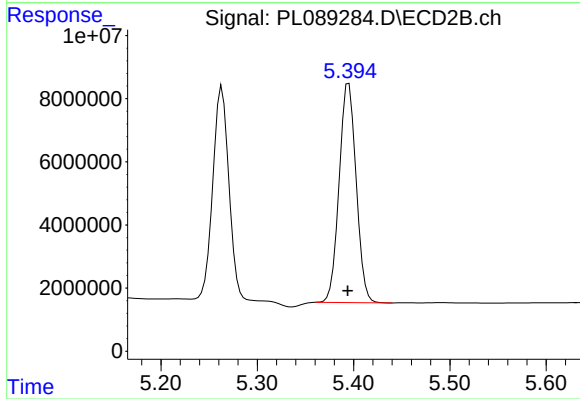
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.002 min
Response: 107527291
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

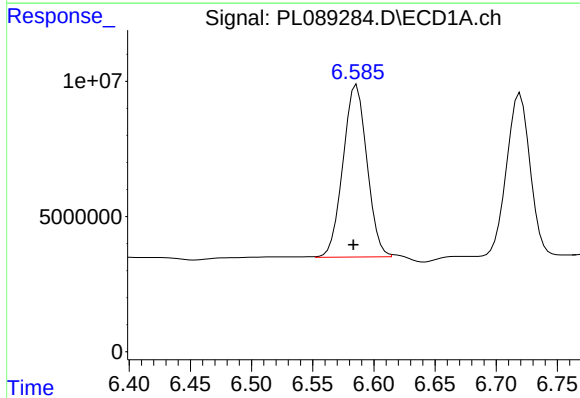
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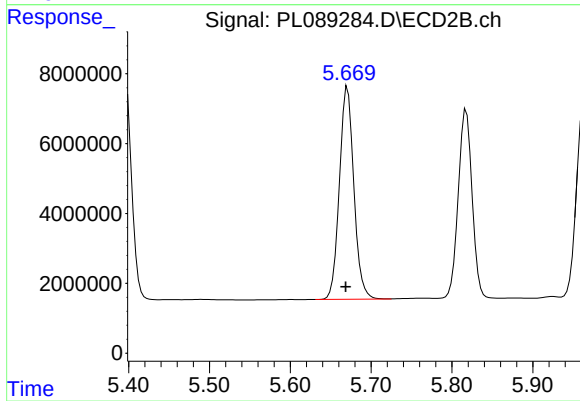
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.001 min
Response: 85095834
Conc: 52.90 ng/ml



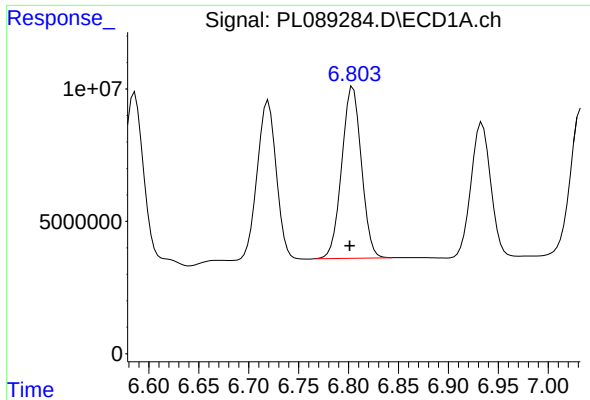
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.001 min
Response: 86669641
Conc: 45.75 ng/ml m



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 75507644
Conc: 52.52 ng/ml



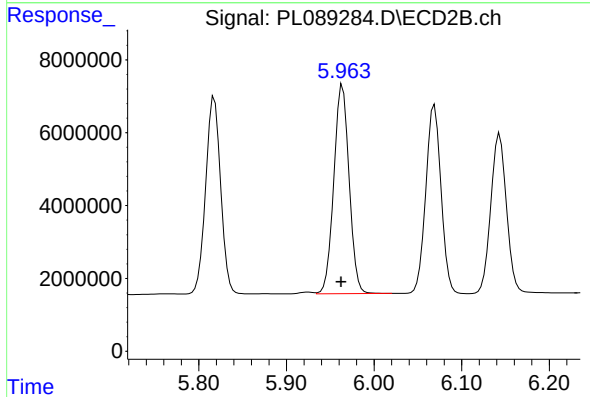
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.002 min
Response: 88892440
Conc: 44.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

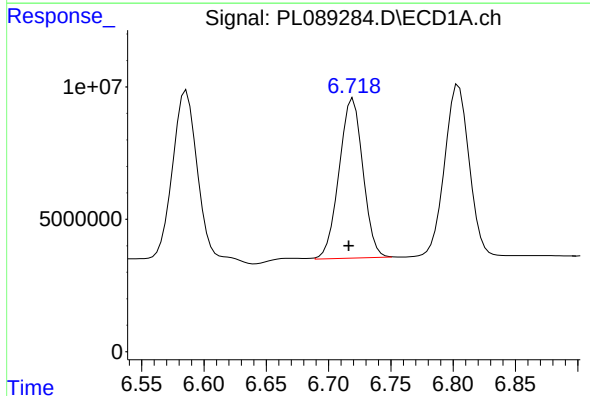
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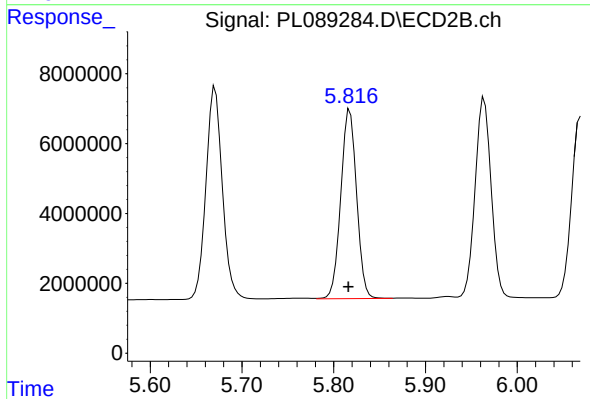
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 69748850
Conc: 48.49 ng/ml



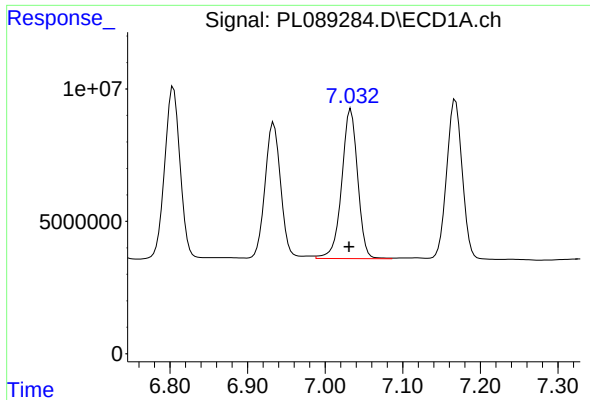
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 80325625
Conc: 47.61 ng/ml m



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.002 min
Response: 64775884
Conc: 52.52 ng/ml



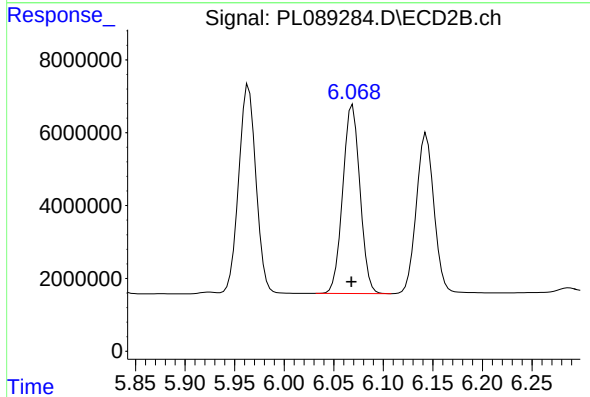
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 80821230
Conc: 43.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

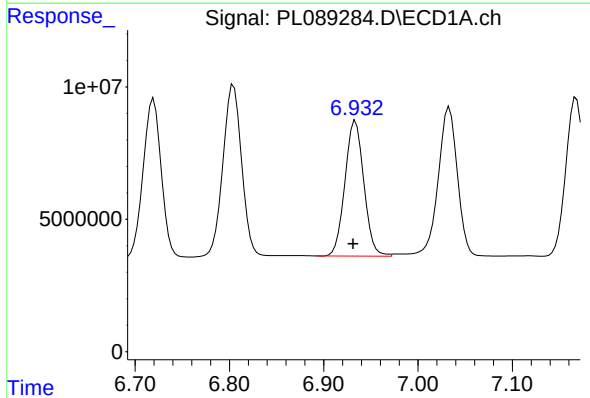
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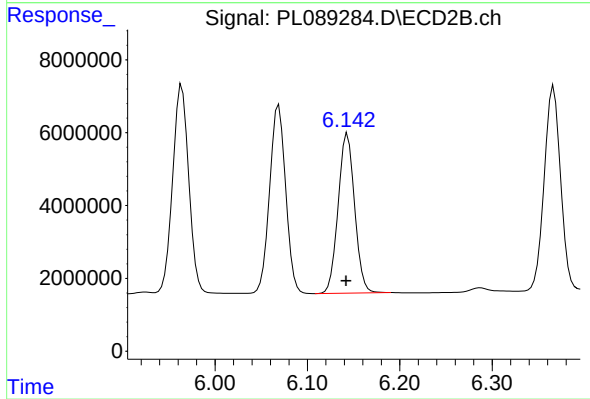
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 62637723
Conc: 46.30 ng/ml



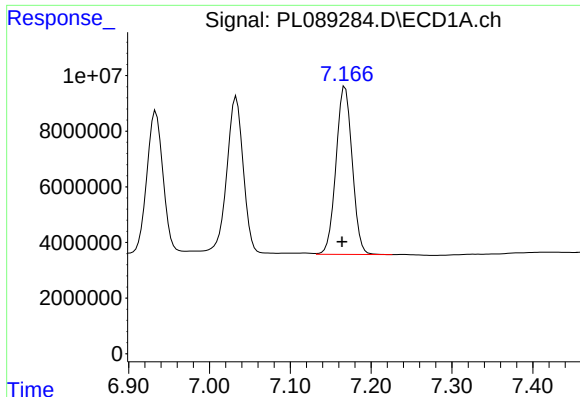
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 71359184
Conc: 47.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 54359375
Conc: 48.87 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 83889581
Conc: 46.38 ng/ml

Instrument :

ECD_L

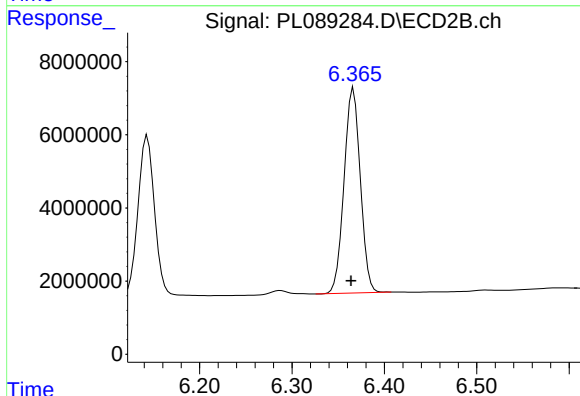
ClientSampleId :

PSTDCCC050

Manual Integrations

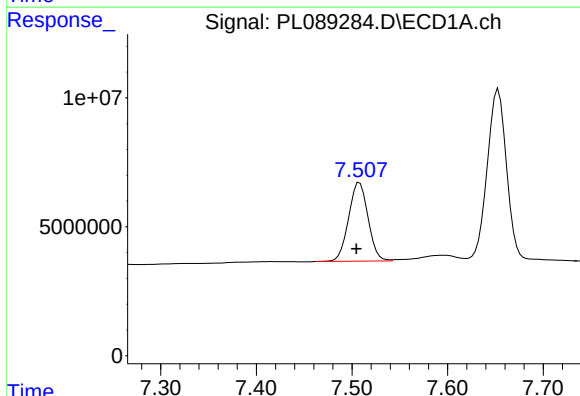
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Supervised By :mohammad ahmed 05/02/2024



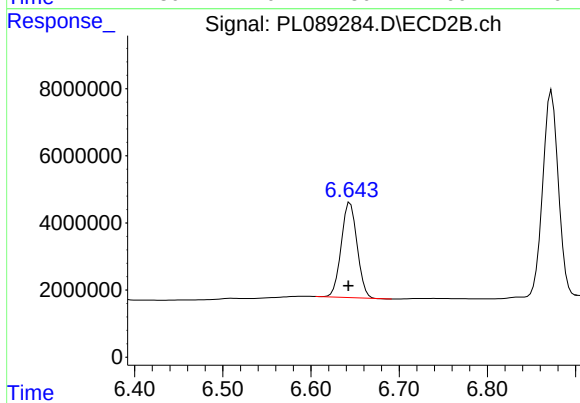
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.003 min
Response: 68579680
Conc: 49.44 ng/ml



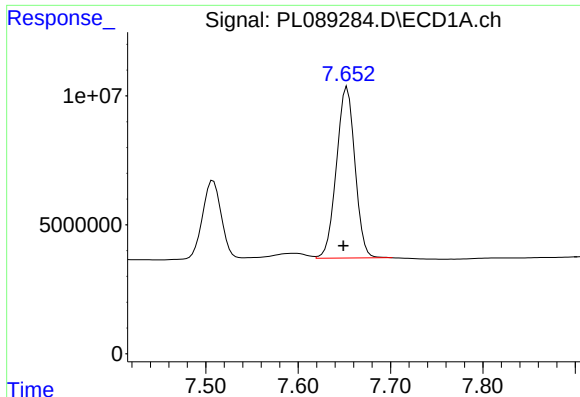
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 43313905
Conc: 44.04 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 35432814
Conc: 44.31 ng/ml



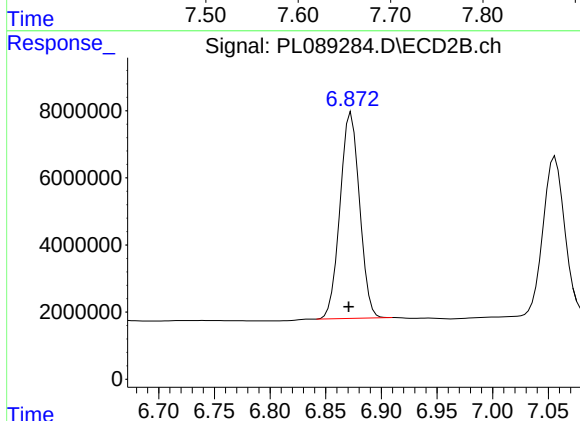
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 92528848
Conc: 46.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

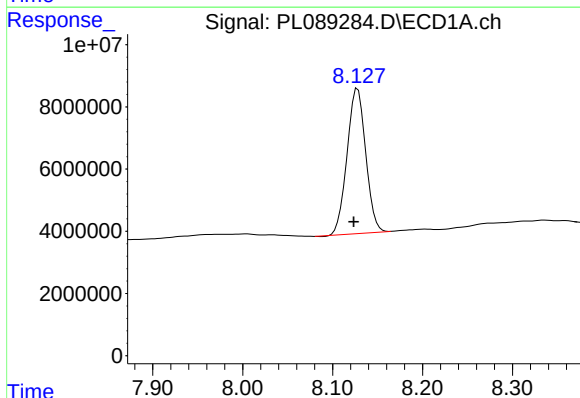
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Reviewed By :Abdul Mirza 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



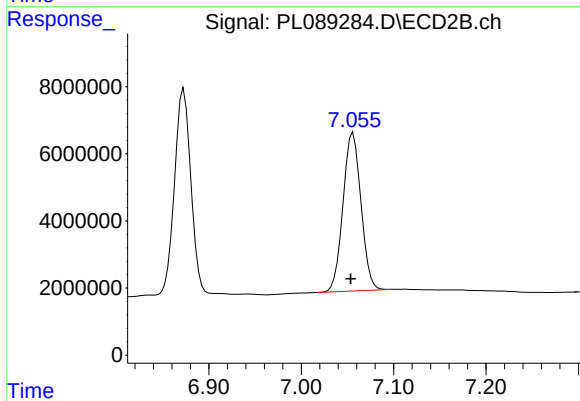
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.002 min
Response: 75014810
Conc: 46.91 ng/ml



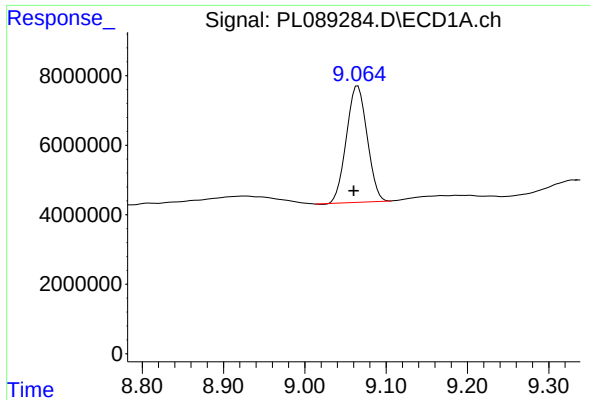
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.004 min
Response: 67045558
Conc: 43.14 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 63986760
Conc: 46.90 ng/ml



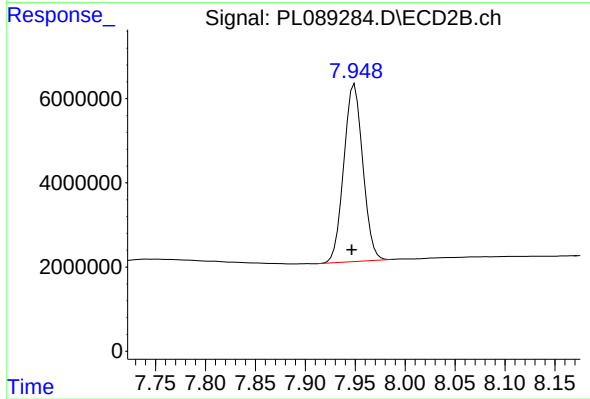
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 59089619
Conc: 42.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 55751962
Conc: 41.45 ng/ml