

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
 Data File : PL089241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 13:44
 Operator : AR\AJ
 Sample : P2261-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RO-RBR200059MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/30/2024
 Supervised By : mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 21:45:02 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	39641111	26447711	19.686	20.613
28)	SA Decachlor...	9.063	7.947	28022146	27832403	20.030	20.690
Target Compounds							
2)	A alpha-BHC	4.006	3.302	136.6E6	100.1E6	47.907	53.049
3)	MA gamma-BHC...	4.338	3.633	132.8E6	95693411	47.707	51.859
4)	MA Heptachlor	4.928	3.975	121.7E6	90830510	49.084	51.835
5)	MB Aldrin	5.268	4.256	112.1E6	86389365	43.657m	48.868
6)	B beta-BHC	4.531	3.930	59527345	42249220	47.186m	51.747
7)	B delta-BHC	4.781	4.161	123.1E6	92490455	46.432	51.407
8)	B Heptachlo...	5.695	4.759	111.1E6	82947718	47.356	51.305
9)	A Endosulfan I	6.080	5.129	103.5E6	78168021	48.149	52.192
10)	B gamma-Chl...	5.950	5.009	111.3E6	86544606	48.684	52.741
11)	B alpha-Chl...	6.030	5.074	108.7E6	86354309	47.792	52.362
12)	B 4,4'-DDE	6.201	5.262	96679123	77371532	47.782	53.214
13)	MA Dieldrin	6.355	5.394	106.7E6	84539849	47.646	52.551
14)	MA Endrin	6.584	5.669	94014904	77100444	49.629	53.629
15)	B Endosulfa...	6.802	5.962	93438133	74831196	46.817	52.027
16)	A 4,4'-DDD	6.717	5.816	81347682	66203319	48.220	53.682
17)	MA 4,4'-DDT	7.032	6.067	90353772	71461814	49.133	52.818
18)	B Endrin al...	6.932	6.142	72926818	57613139	48.223	51.796
19)	B Endosulfa...	7.166	6.364	86516044	72267438	47.829	52.097
20)	A Methoxychlor	7.506	6.643	46465459	39991154	47.250	50.015
21)	B Endrin ke...	7.650	6.871	95897252	83419689	47.909	52.170
22)	Mirex	8.126	7.054	74491328	68133429	47.932	49.943

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
Data File : PL089241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 13:44
Operator : AR\AJ
Sample : P2261-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

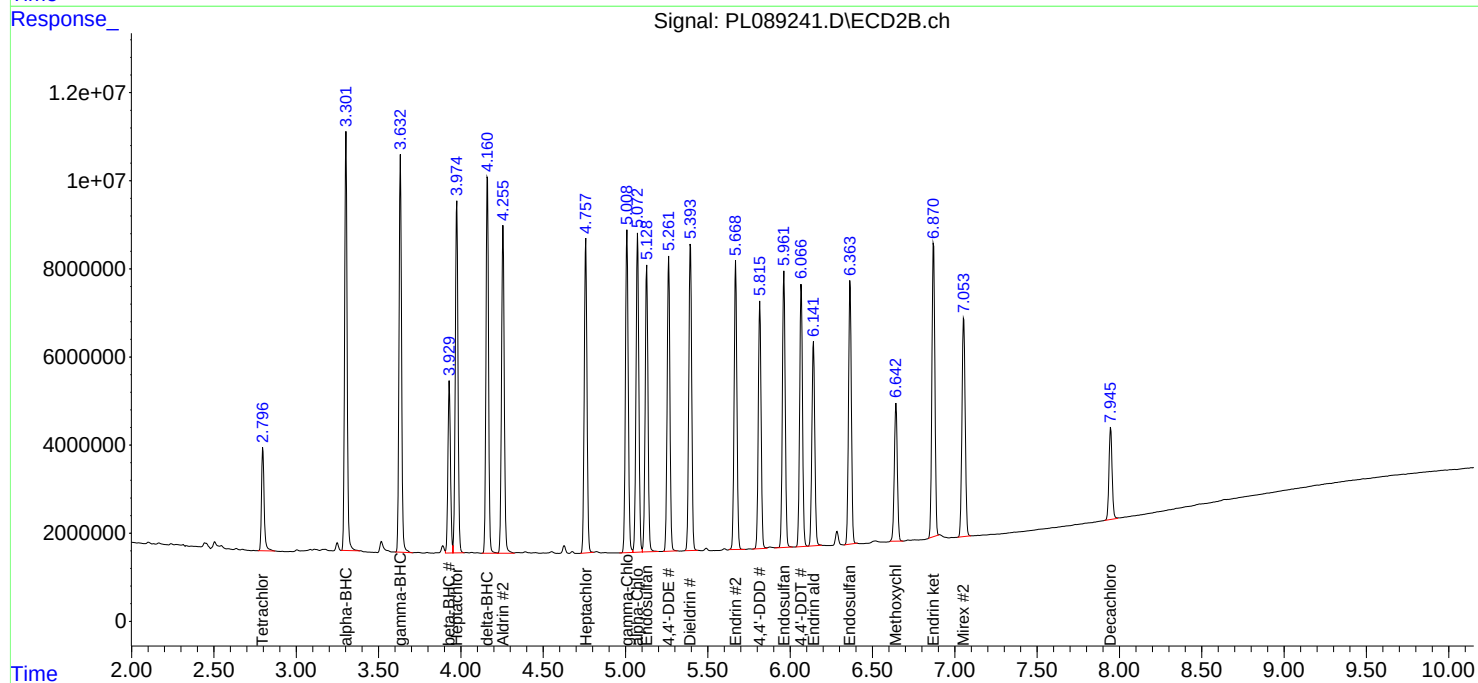
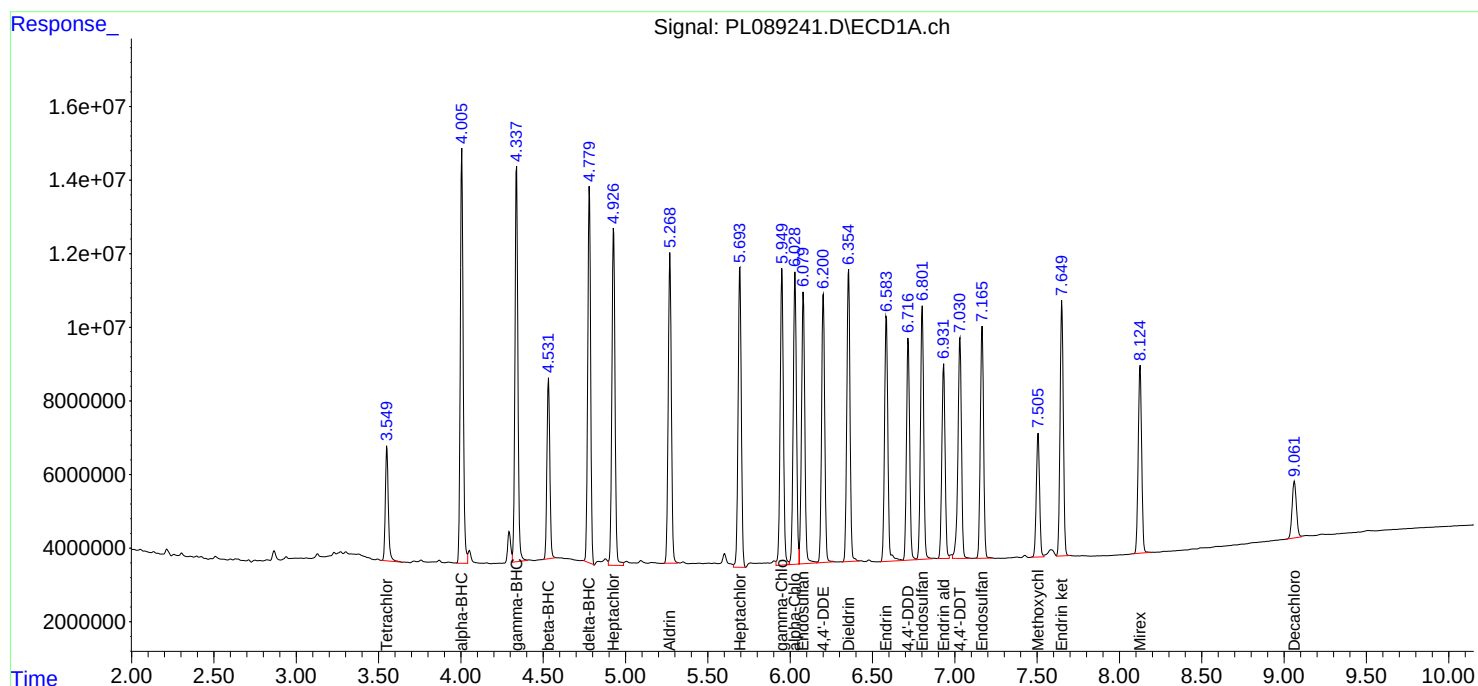
Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

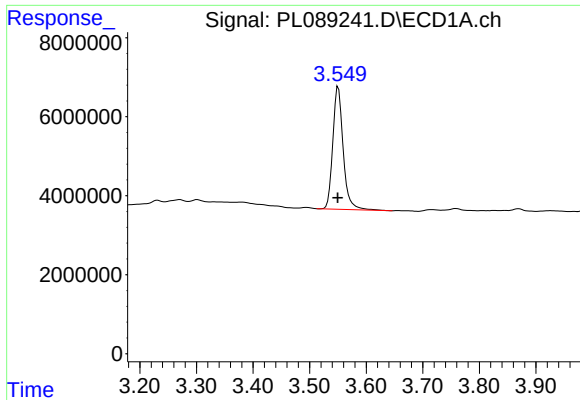
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 21:45:02 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





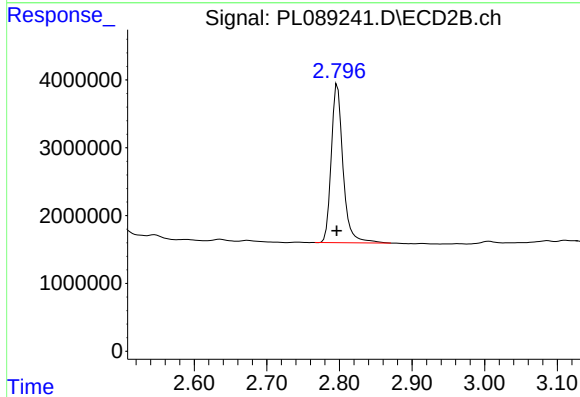
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 39641111
Conc: 19.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

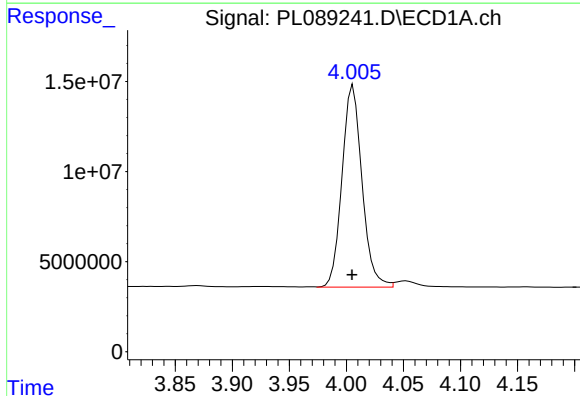
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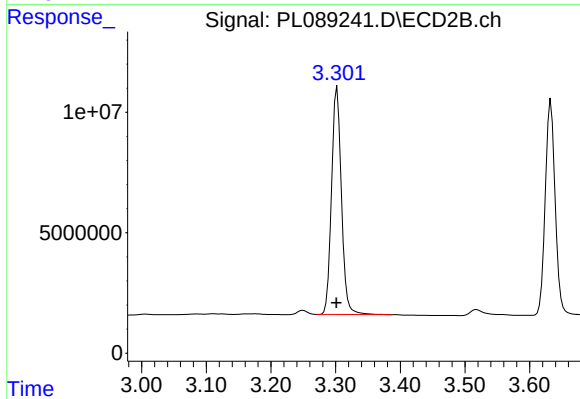
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.001 min
Response: 26447711
Conc: 20.61 ng/ml



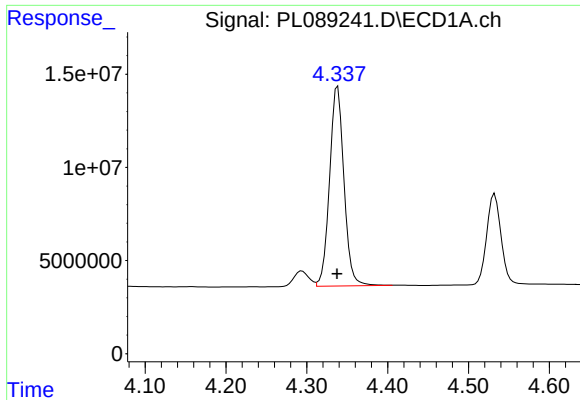
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 136620468
Conc: 47.91 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.001 min
Response: 100097609
Conc: 53.05 ng/ml



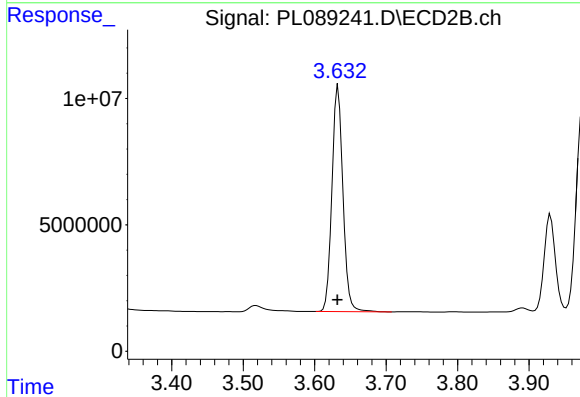
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 132813537
Conc: 47.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

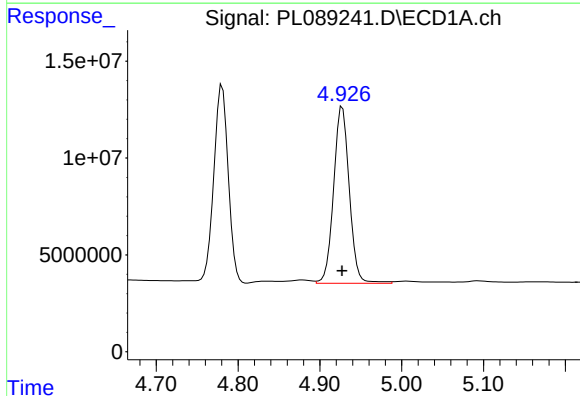
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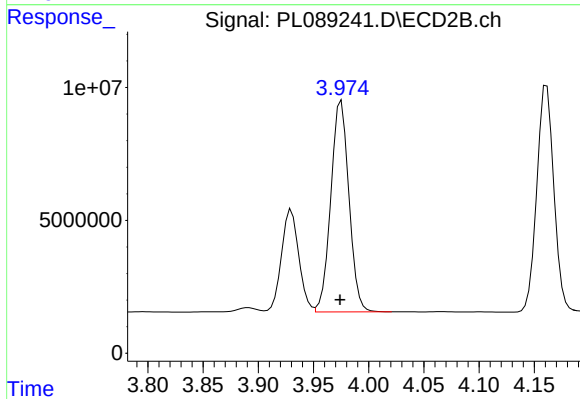
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 95693411
Conc: 51.86 ng/ml



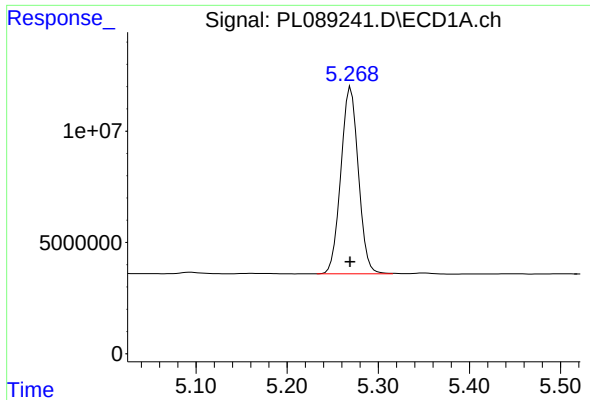
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 121733445
Conc: 49.08 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.001 min
Response: 90830510
Conc: 51.83 ng/ml



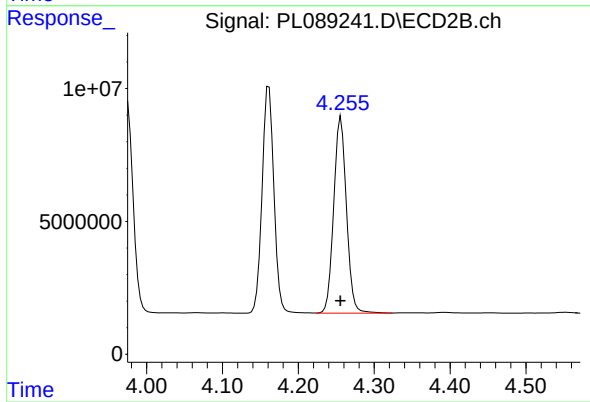
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 112121680
Conc: 43.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

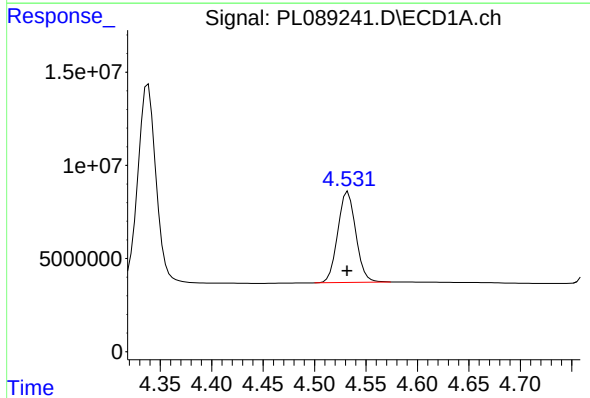
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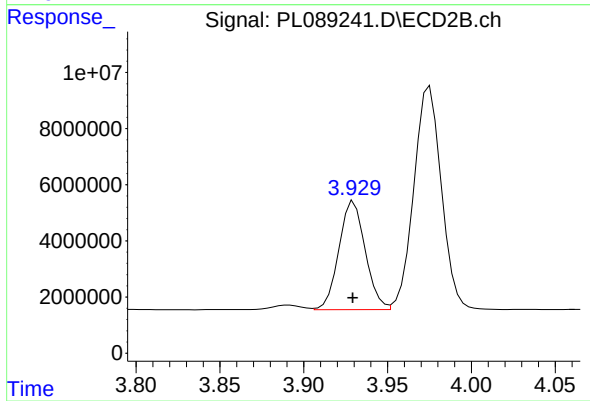
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 86389365
Conc: 48.87 ng/ml



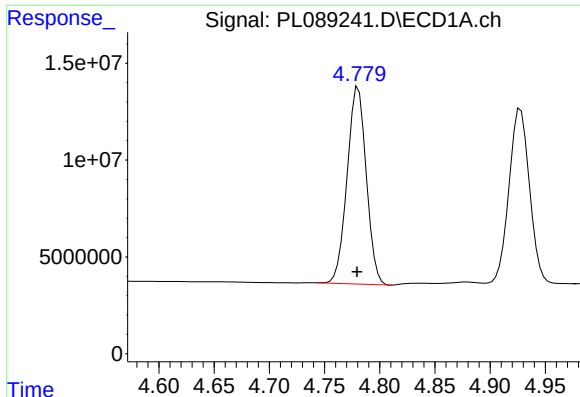
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 59527345
Conc: 47.19 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 42249220
Conc: 51.75 ng/ml



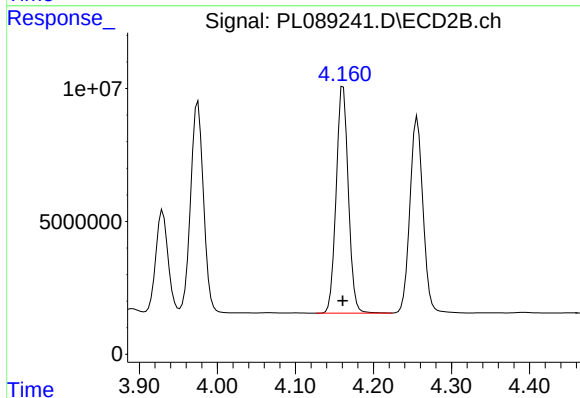
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.001 min
Response: 123138679
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

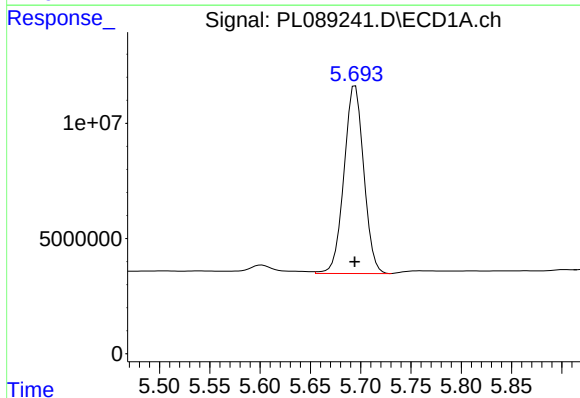
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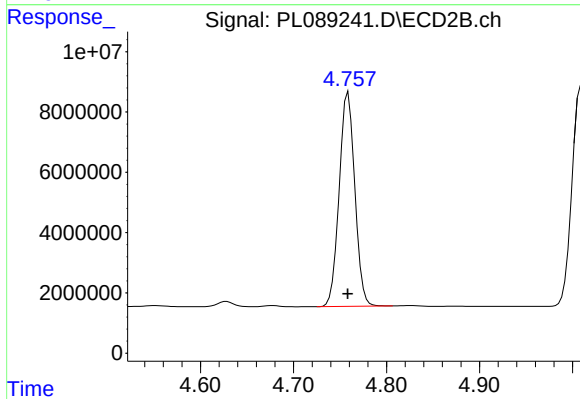
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 92490455
Conc: 51.41 ng/ml



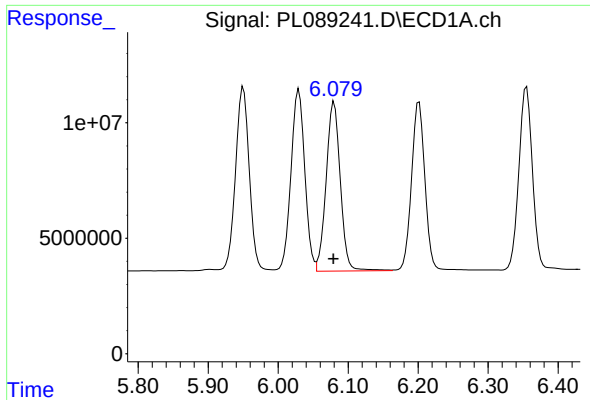
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 111071311
Conc: 47.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 82947718
Conc: 51.30 ng/ml



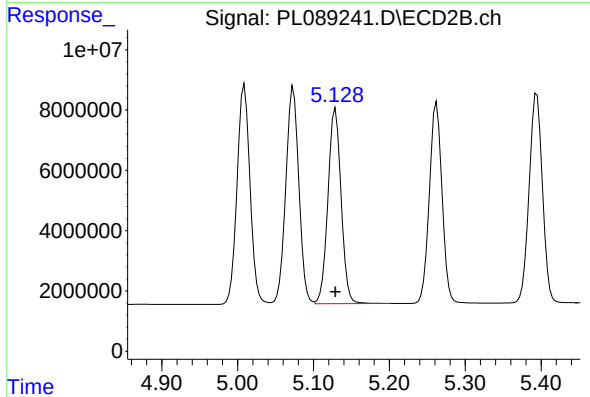
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 103510096
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

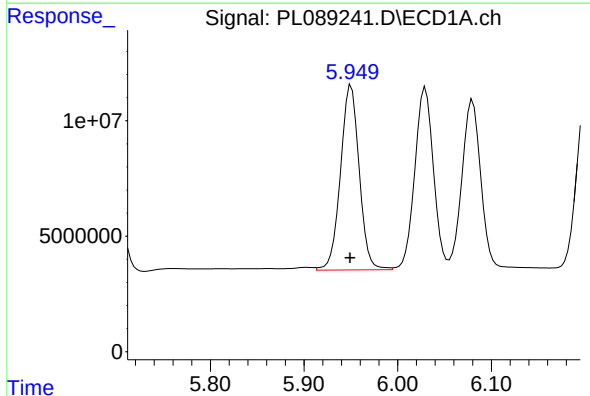
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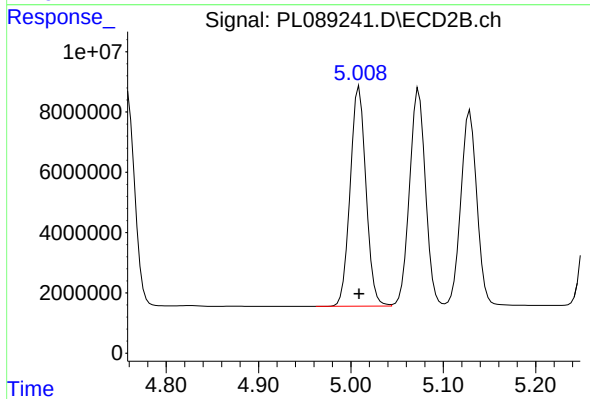
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 78168021
Conc: 52.19 ng/ml



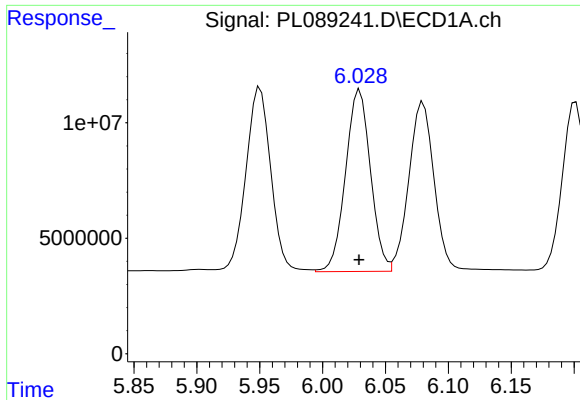
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 111287403
Conc: 48.68 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 86544606
Conc: 52.74 ng/ml



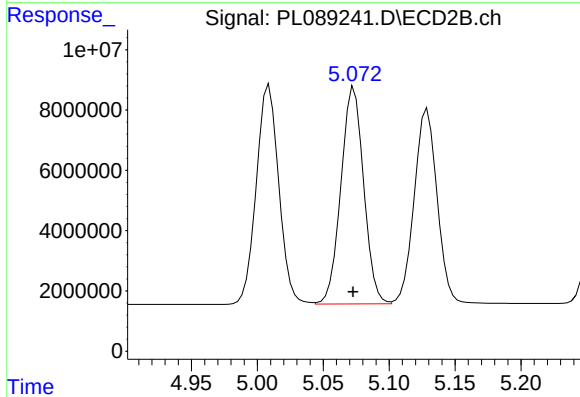
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 108712143
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

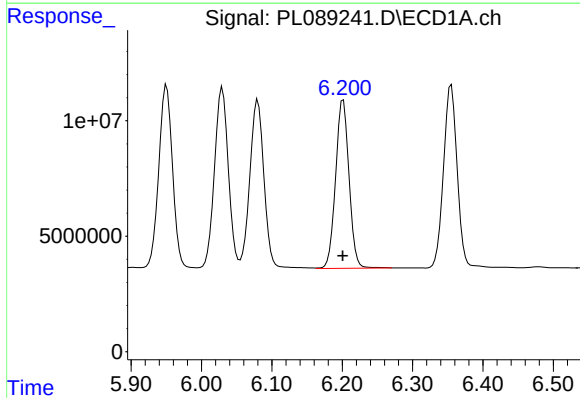
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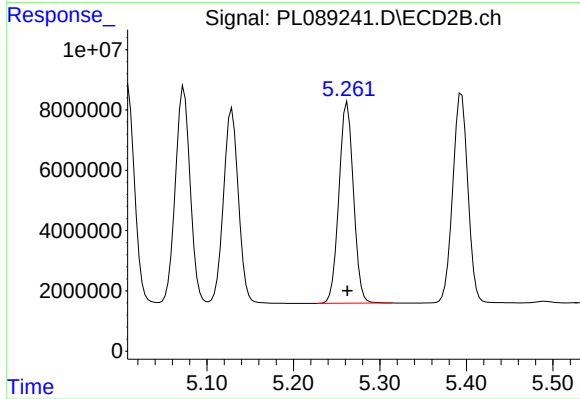
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 86354309
Conc: 52.36 ng/ml



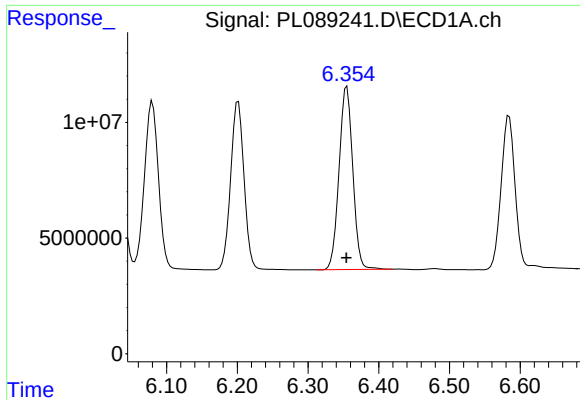
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 96679123
Conc: 47.78 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 77371532
Conc: 53.21 ng/ml



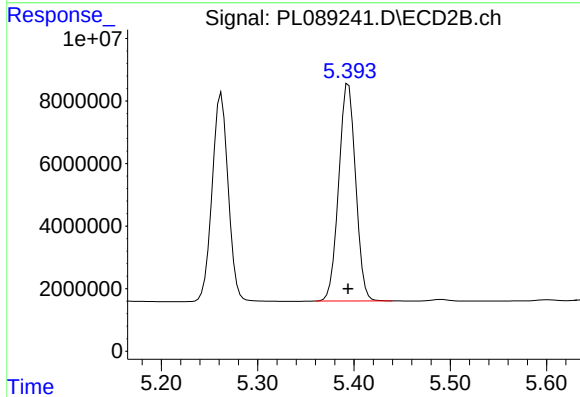
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 106653485
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

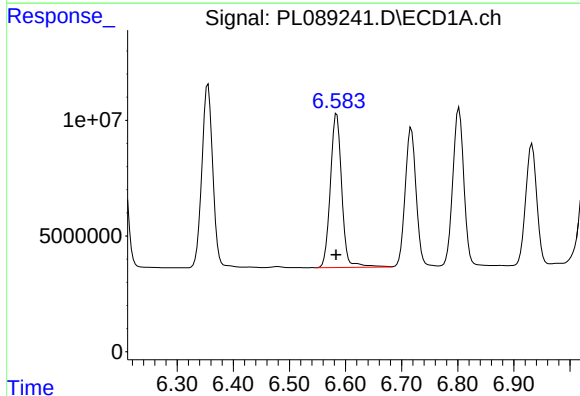
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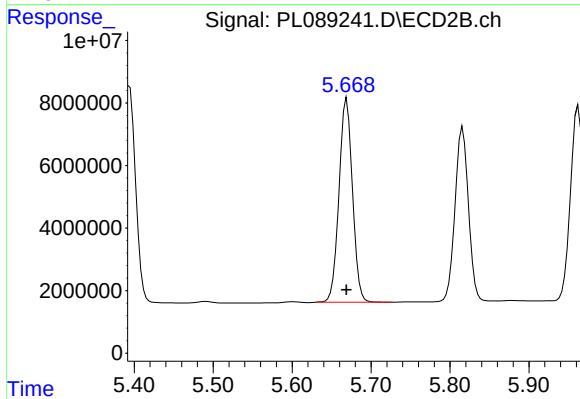
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 84539849
Conc: 52.55 ng/ml



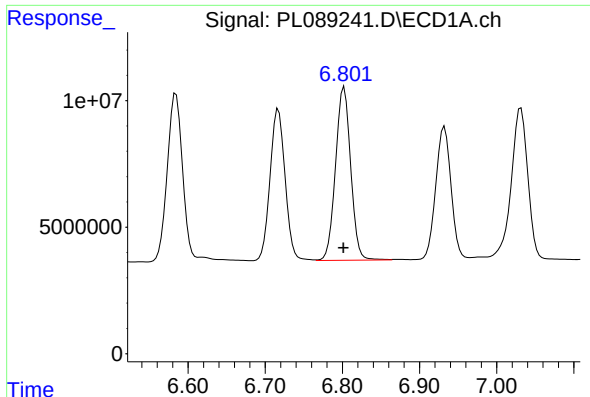
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 94014904
Conc: 49.63 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 77100444
Conc: 53.63 ng/ml



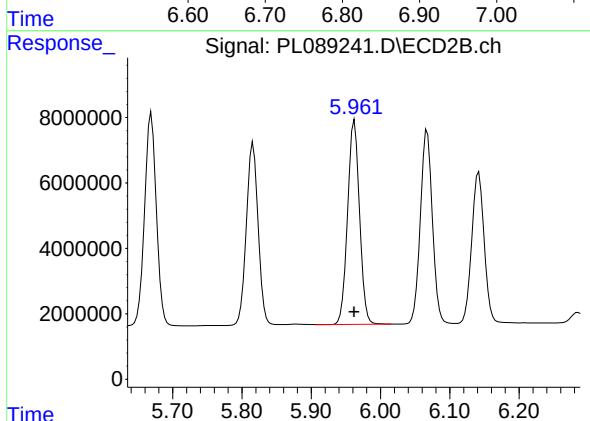
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.001 min
Response: 93438133
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

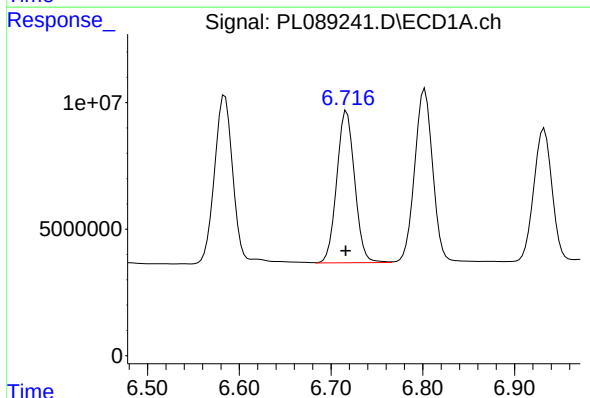
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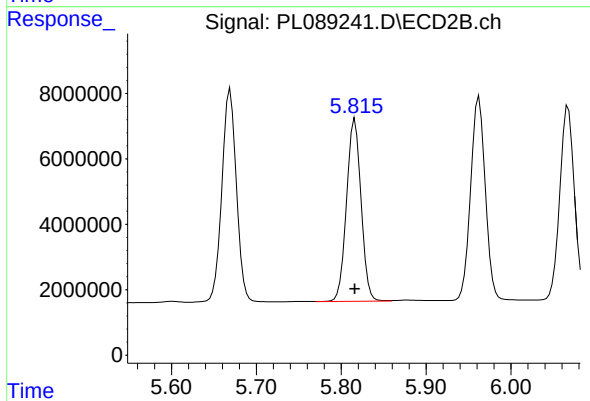
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 74831196
Conc: 52.03 ng/ml



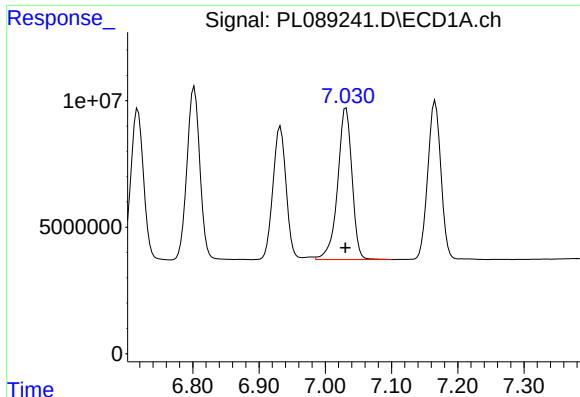
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 81347682
Conc: 48.22 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 66203319
Conc: 53.68 ng/ml



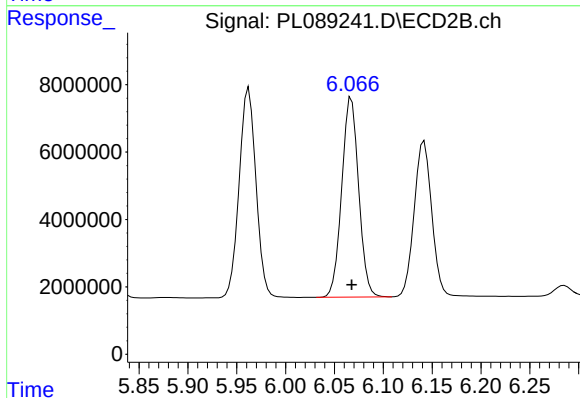
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 90353772
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

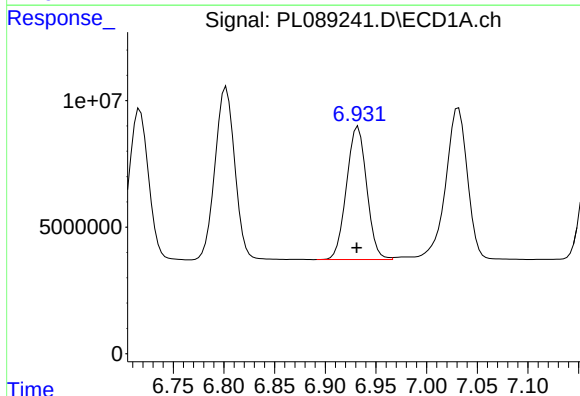
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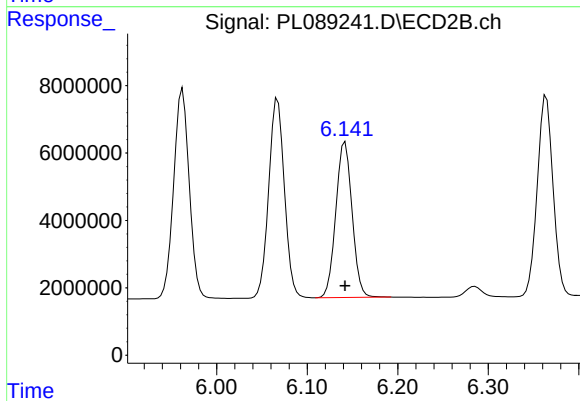
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 71461814
Conc: 52.82 ng/ml



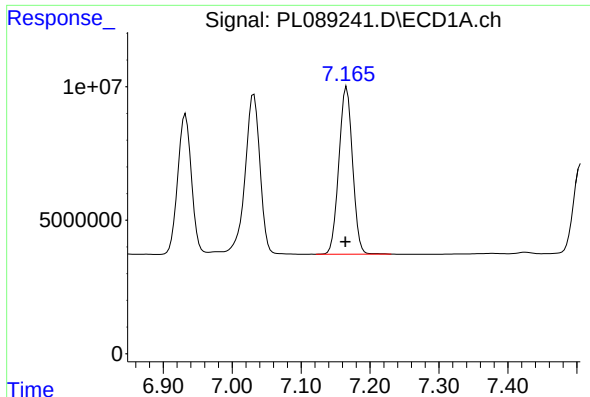
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 72926818
Conc: 48.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 57613139
Conc: 51.80 ng/ml



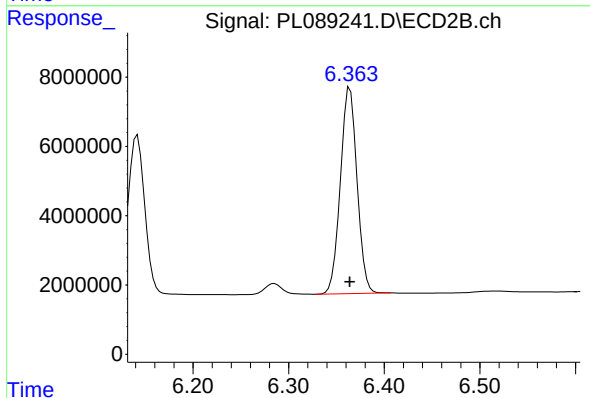
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 86516044
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

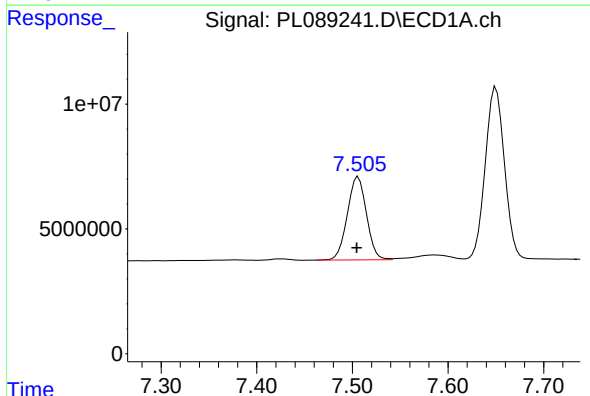
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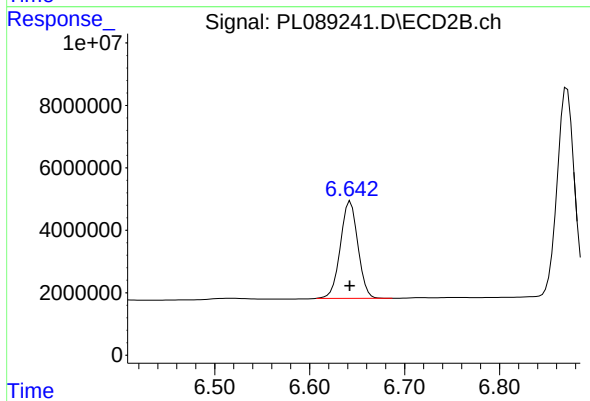
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 72267438
Conc: 52.10 ng/ml



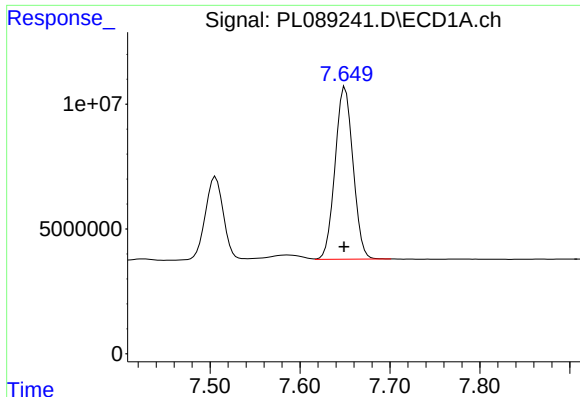
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 46465459
Conc: 47.25 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 39991154
Conc: 50.01 ng/ml



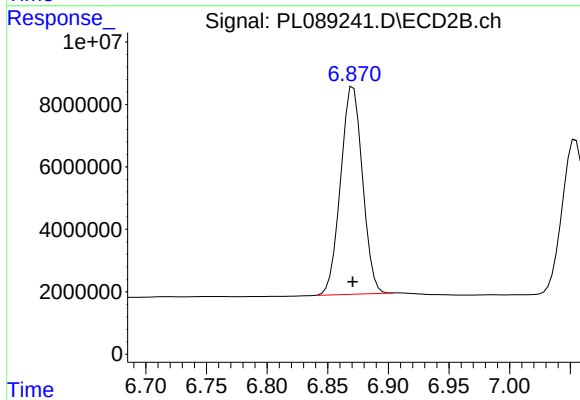
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.001 min
Response: 95897252
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

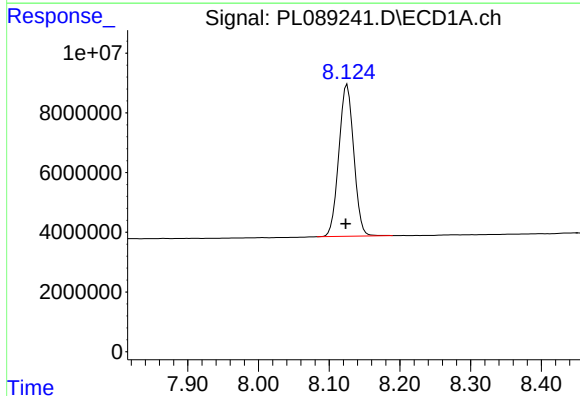
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Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



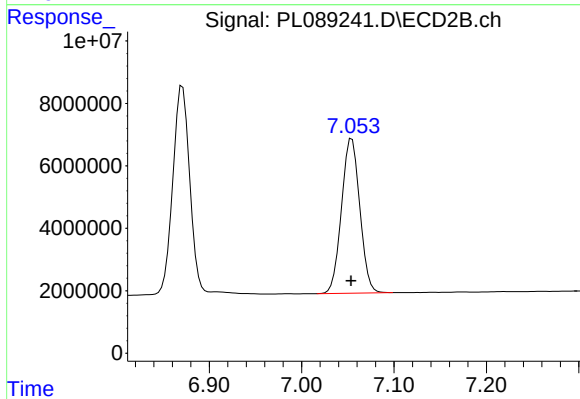
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 83419689
Conc: 52.17 ng/ml



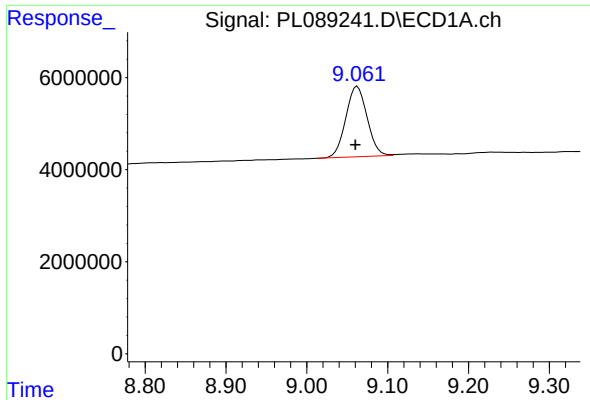
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.002 min
Response: 74491328
Conc: 47.93 ng/ml



#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 68133429
Conc: 49.94 ng/ml



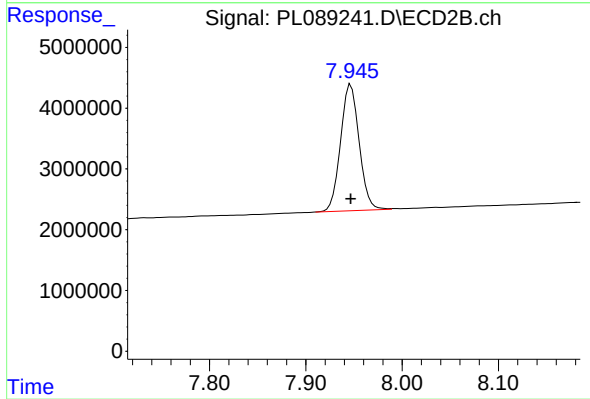
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.002 min
Response: 28022146
Conc: 20.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR200059MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
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#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 27832403
Conc: 20.69 ng/ml