

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
 Data File : PL083393.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 14:13
 Operator : AR\AJ
 Sample : PB153396BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153396BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/14/2023
 Supervised By :Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:24:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 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...	3.316	2.632	44323957	36329425	15.081	13.994
28)	SA Decachlor...	8.738	7.737	36846676	42197603	17.568	16.970
Target Compounds							
2)	A alpha-BHC	3.766	3.128	231.6E6	175.6E6	52.170	47.053
3)	MA gamma-BHC...	4.094	3.453	215.4E6	166.3E6	51.985	49.885m
4)	MA Heptachlor	4.672	3.784	204.9E6	173.5E6	53.611	47.390
5)	MB Aldrin	5.008	4.060	192.4E6	158.0E6	54.679	48.555
6)	B beta-BHC	4.298	3.755	92930721	67391680	49.360	47.124
7)	B delta-BHC	4.539	3.980	210.7E6	159.0E6	61.275	48.532
8)	B Heptachlo...	5.435	4.560	172.2E6	143.9E6	53.835	48.469m
9)	A Endosulfan I	5.816	4.928	161.1E6	135.1E6	53.678	48.364
10)	B gamma-Chl...	5.690	4.810	177.4E6	146.1E6	55.832	48.640
11)	B alpha-Chl...	5.768	4.873	172.9E6	145.3E6	53.861	48.413
12)	B 4,4'-DDE	5.947	5.062	155.2E6	126.7E6	56.288	52.155m
13)	MA Dieldrin	6.091	5.191	164.2E6	137.6E6	54.576	48.740m
14)	MA Endrin	6.318	5.465	141.6E6	119.8E6	52.709	47.209m
15)	B Endosulfa...	6.541	5.764	132.3E6	115.9E6	50.033	46.848
16)	A 4,4'-DDD	6.463	5.618	127.0E6	101.9E6	58.451	52.993
17)	MA 4,4'-DDT	6.774	5.865	132.3E6	108.6E6	52.837	48.687m
18)	B Endrin al...	6.672	5.944	107.9E6	92947763	53.651	47.003
19)	B Endosulfa...	6.906	6.167	138.0E6	119.2E6	53.829	48.664
20)	A Methoxychlor	7.255	6.445	69931922	60473451	52.883	47.551
21)	B Endrin ke...	7.385	6.671	141.2E6	135.6E6	55.354	50.155
22)	Mirex	7.849	6.842	109.5E6	111.9E6	52.243	47.807

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

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Acq On : 13 Jun 2023 14:13
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Sample : PB153396BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

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ClientSampleId :

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Manual Integrations

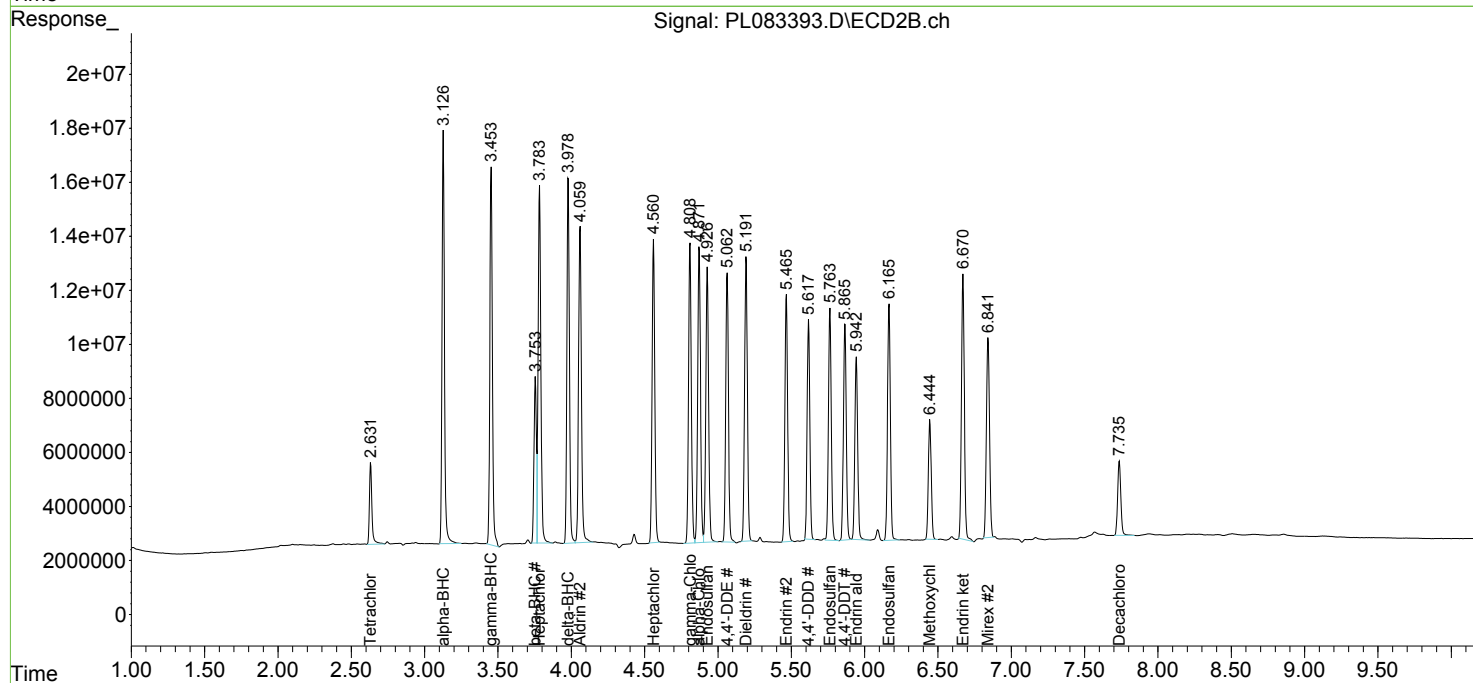
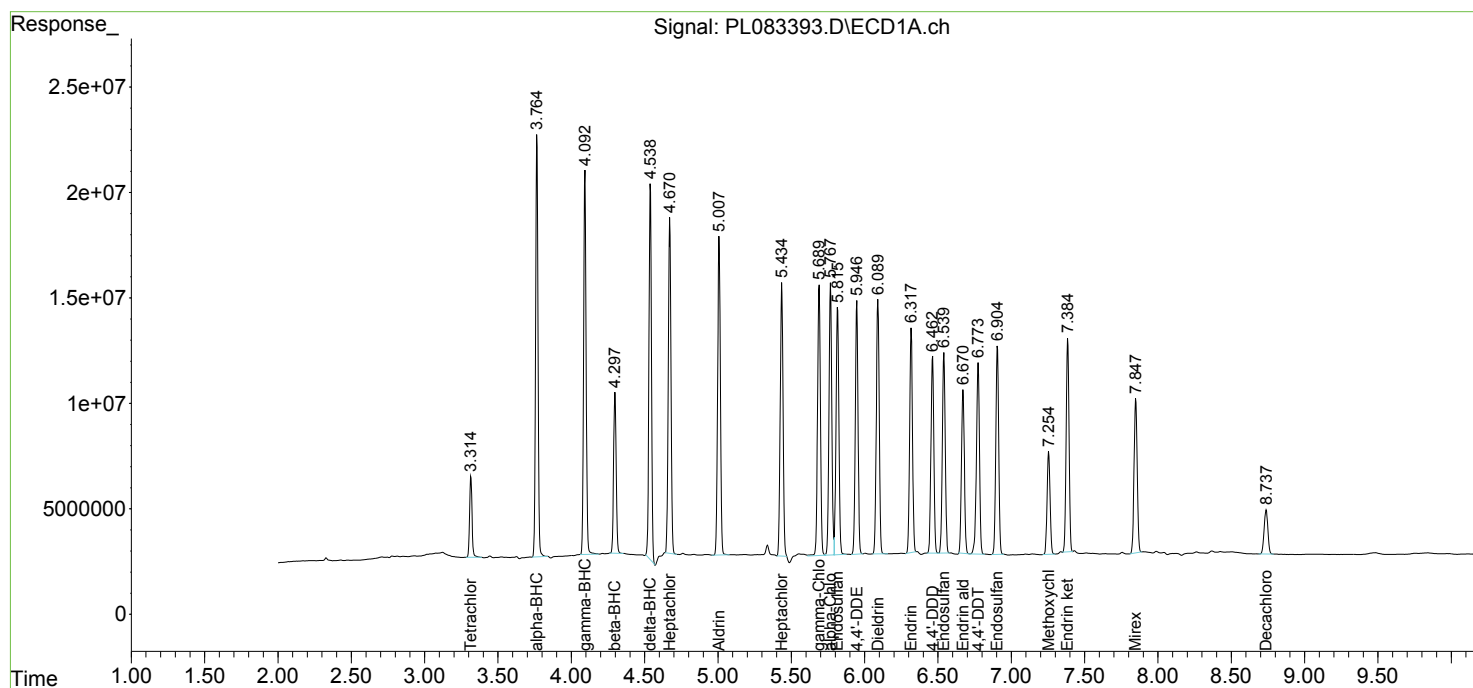
APPROVED

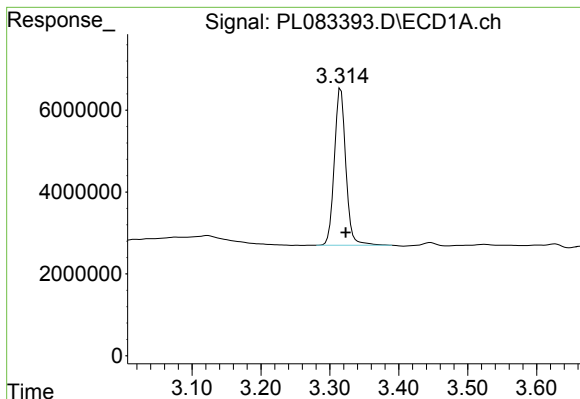
Reviewed By :Abdul Mirza 06/14/2023

Supervised By :Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 21:24:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 2023
Response via : Initial Calibration
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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





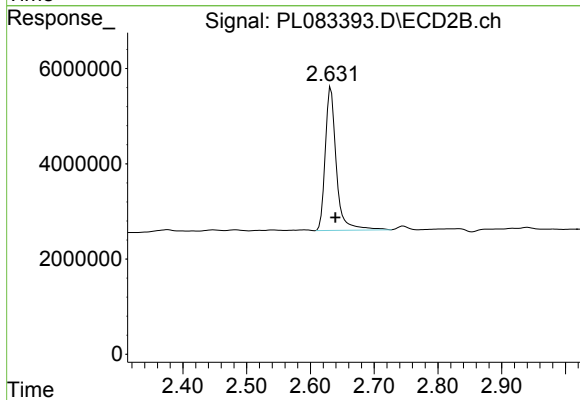
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 44323957
Conc: 15.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153396BS

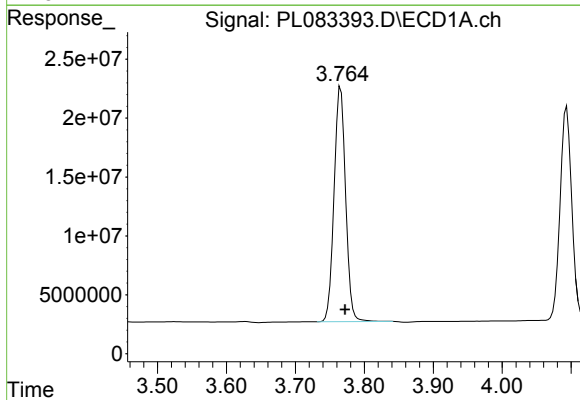
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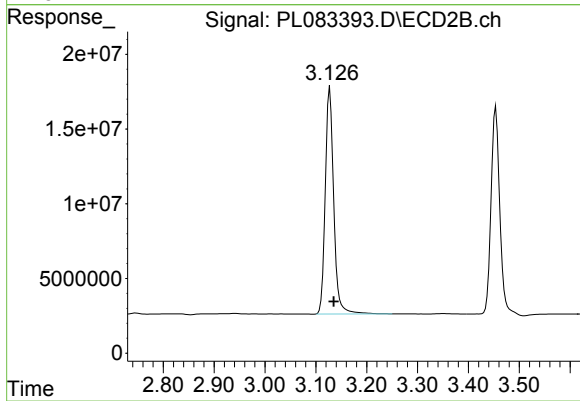
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 36329425
Conc: 13.99 ng/ml



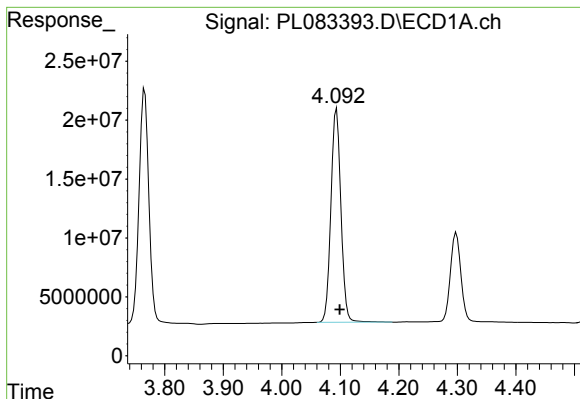
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 231596549
Conc: 52.17 ng/ml



#2 alpha-BHC

R.T.: 3.128 min
Delta R.T.: -0.008 min
Response: 175577379
Conc: 47.05 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 215370506
Conc: 51.99 ng/ml

Instrument :

ECD_L

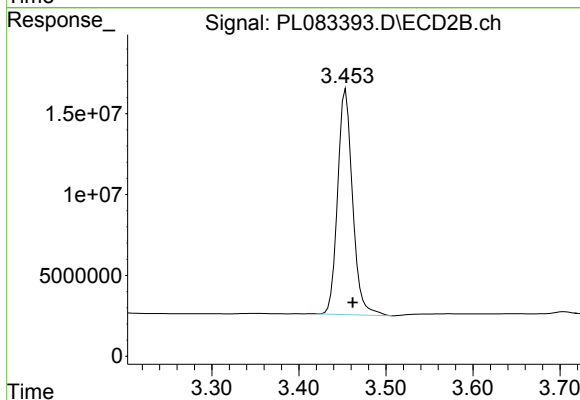
ClientSampleId :

PB153396BS

Manual Integrations

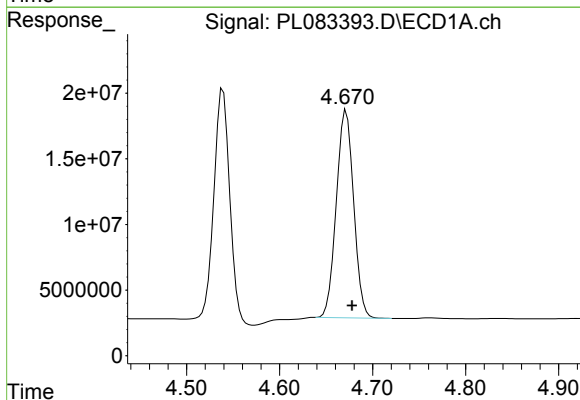
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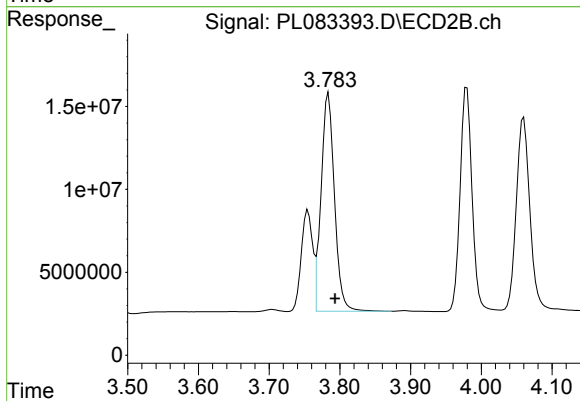
#3 gamma-BHC (Lindane)

R.T.: 3.453 min
Delta R.T.: -0.009 min
Response: 166283275
Conc: 49.89 ng/ml m



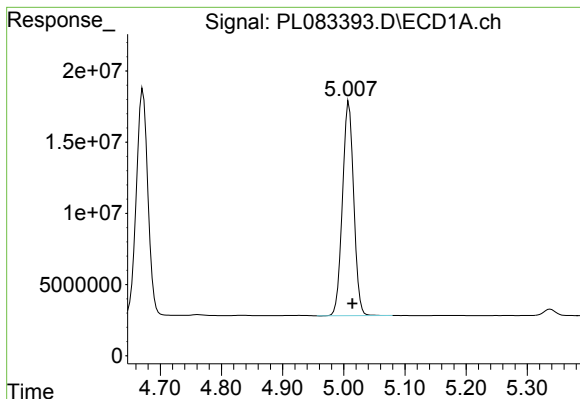
#4 Heptachlor

R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 204925608
Conc: 53.61 ng/ml



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.009 min
Response: 173500601
Conc: 47.39 ng/ml



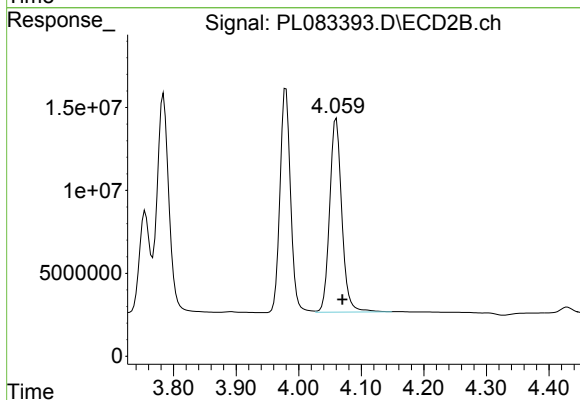
#5 Aldrin

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 192365586
Conc: 54.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153396BS

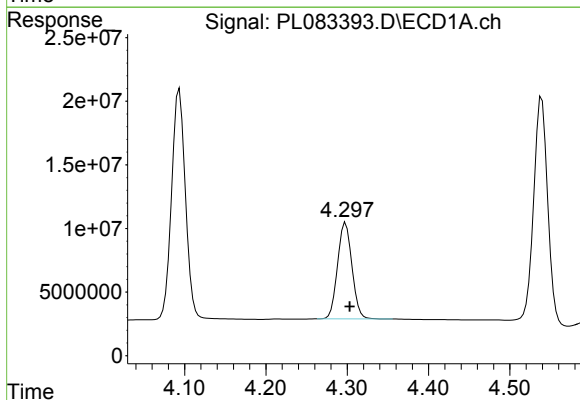
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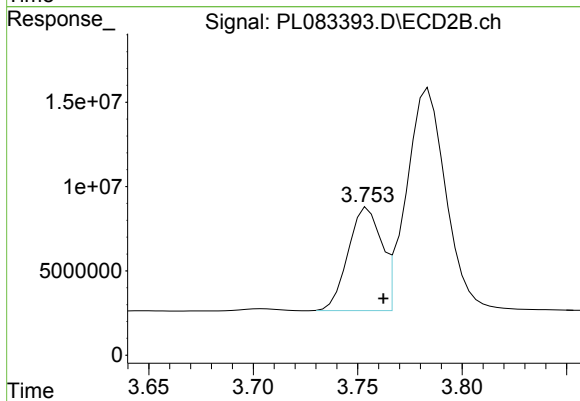
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.010 min
Response: 157978251
Conc: 48.55 ng/ml



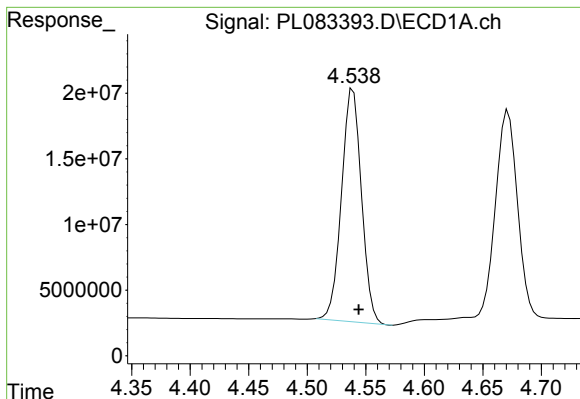
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 92930721
Conc: 49.36 ng/ml



#6 beta-BHC

R.T.: 3.755 min
Delta R.T.: -0.007 min
Response: 67391680
Conc: 47.12 ng/ml



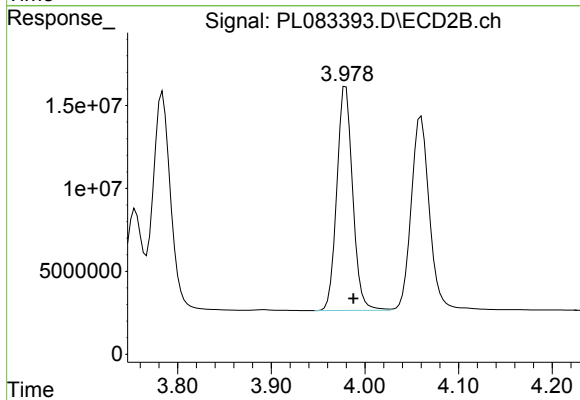
#7 delta-BHC

R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 210720388
Conc: 61.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153396BS

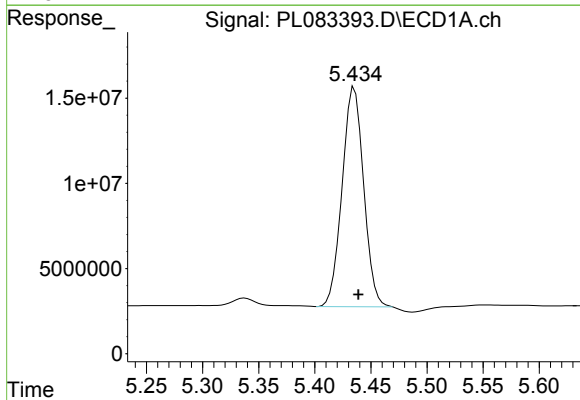
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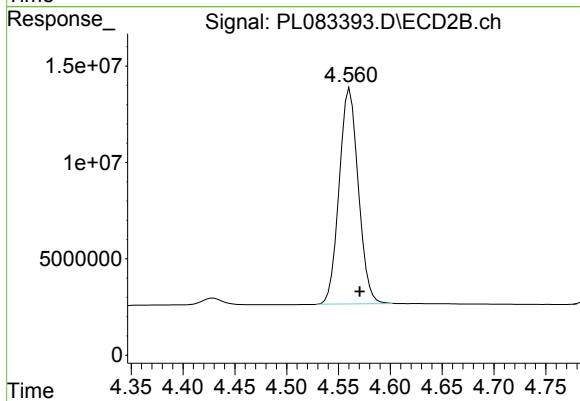
#7 delta-BHC

R.T.: 3.980 min
Delta R.T.: -0.008 min
Response: 159013913
Conc: 48.53 ng/ml



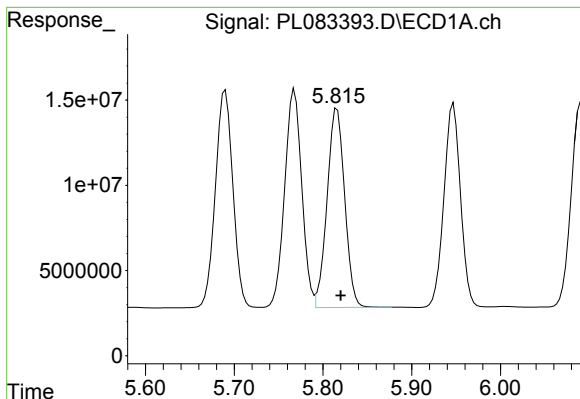
#8 Heptachlor epoxide

R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 172202278
Conc: 53.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.560 min
Delta R.T.: -0.011 min
Response: 143850048
Conc: 48.47 ng/ml m



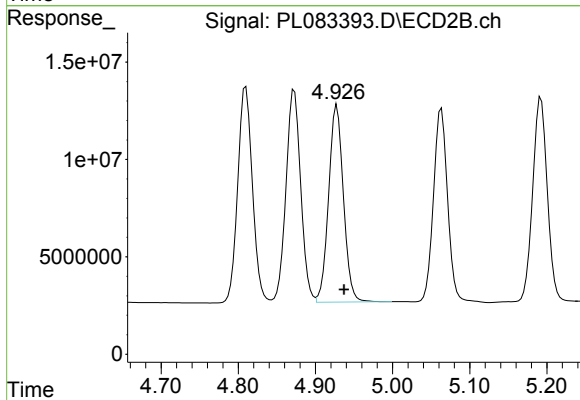
#9 Endosulfan I

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 161065740
Conc: 53.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153396BS

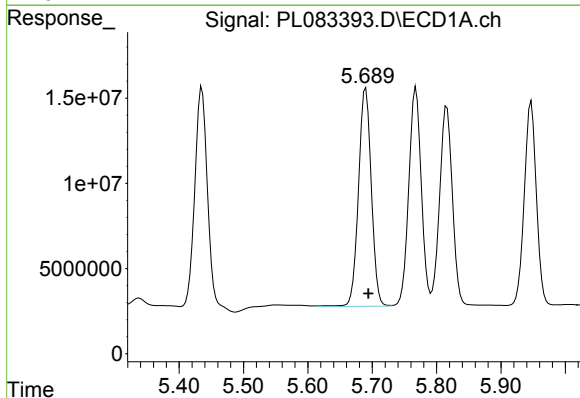
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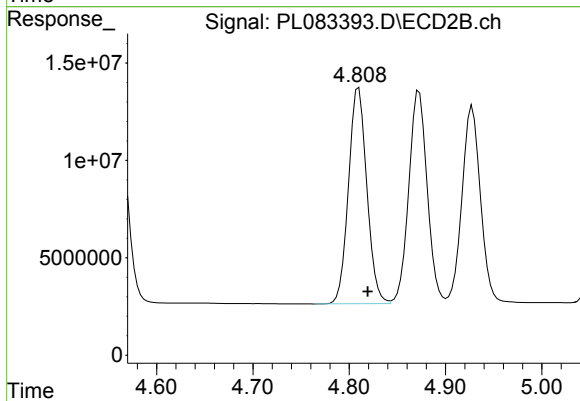
#9 Endosulfan I

R.T.: 4.928 min
Delta R.T.: -0.009 min
Response: 135147928
Conc: 48.36 ng/ml



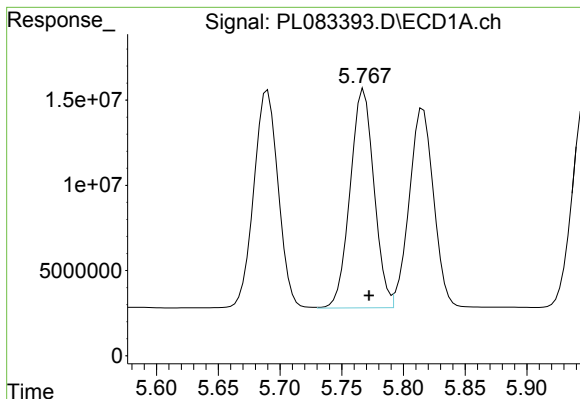
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 177377867
Conc: 55.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.810 min
Delta R.T.: -0.009 min
Response: 146084315
Conc: 48.64 ng/ml



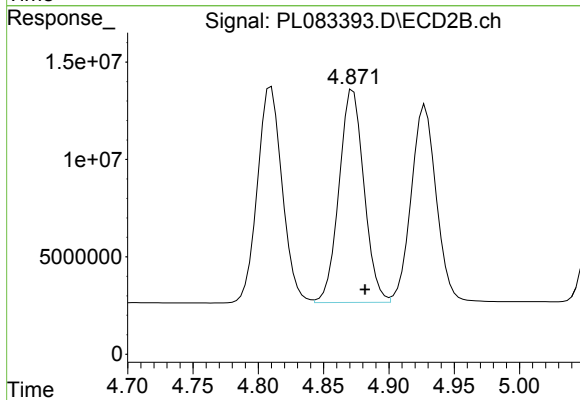
#11 alpha-Chlordane

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 172855616
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153396BS

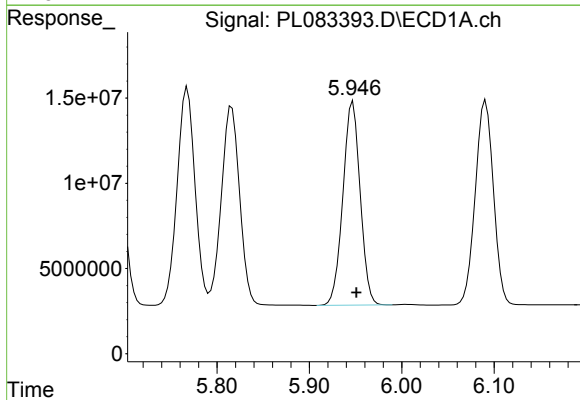
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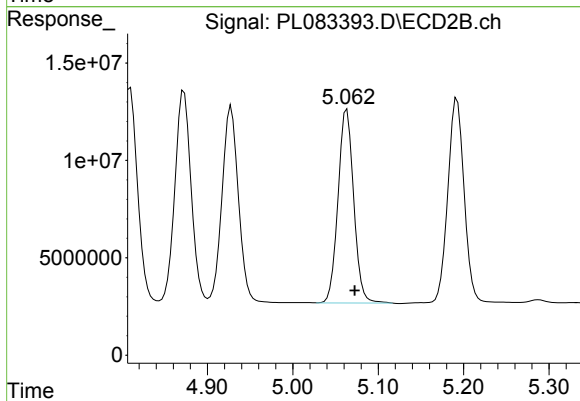
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.009 min
Response: 145335298
Conc: 48.41 ng/ml



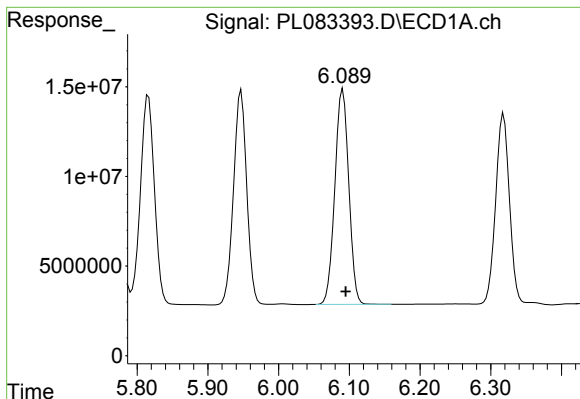
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 155159064
Conc: 56.29 ng/ml



#12 4,4'-DDE

R.T.: 5.062 min
Delta R.T.: -0.010 min
Response: 126670879
Conc: 52.15 ng/ml m



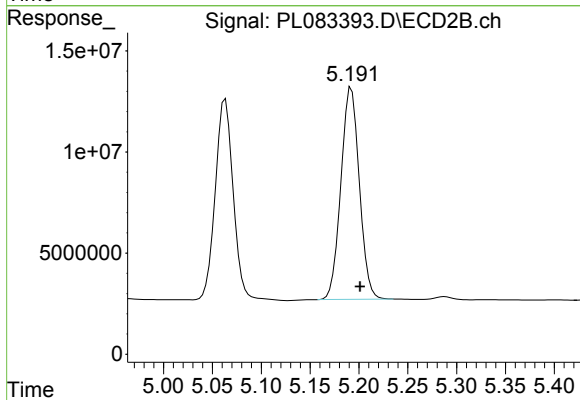
#13 Dieldrin

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 164155172
Conc: 54.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153396BS

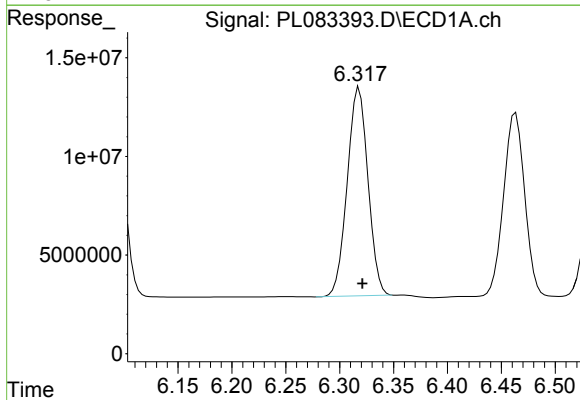
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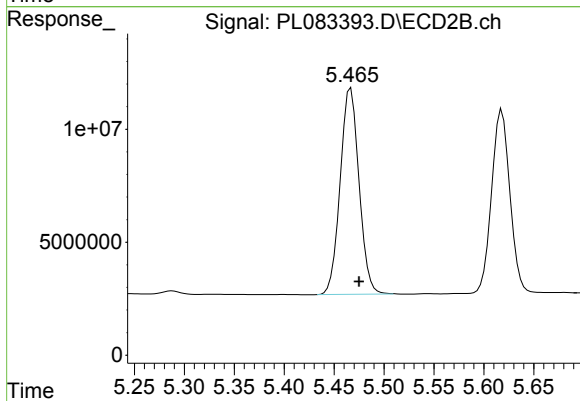
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.010 min
Response: 137589116
Conc: 48.74 ng/ml m



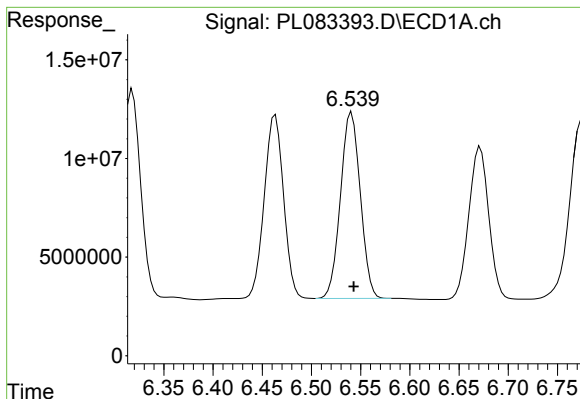
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 141643414
Conc: 52.71 ng/ml



#14 Endrin

R.T.: 5.465 min
Delta R.T.: -0.010 min
Response: 119766164
Conc: 47.21 ng/ml m



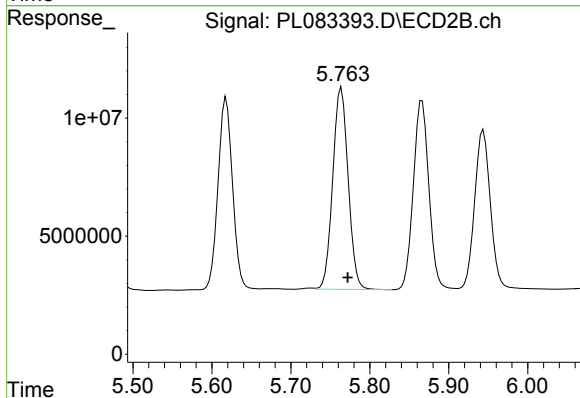
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 132299550
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153396BS

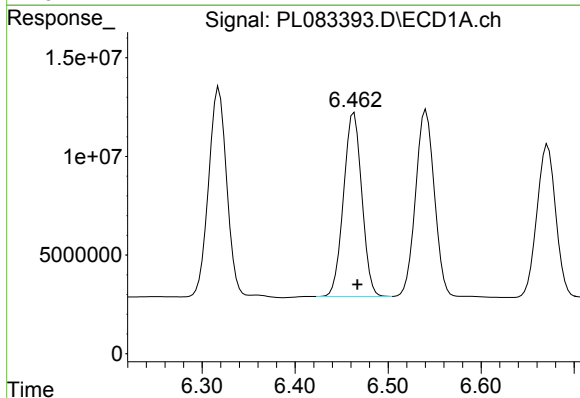
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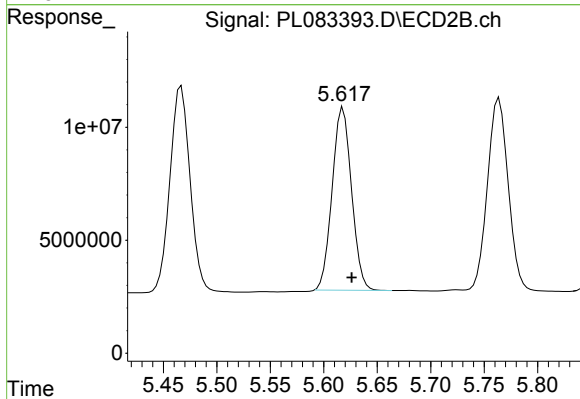
#15 Endosulfan II

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 115911642
Conc: 46.85 ng/ml



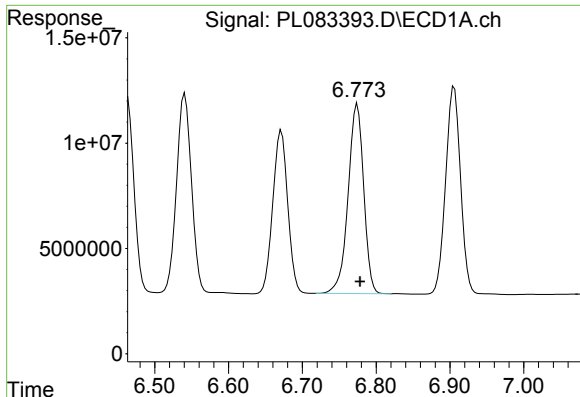
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 127016961
Conc: 58.45 ng/ml



#16 4,4'-DDD

R.T.: 5.618 min
Delta R.T.: -0.008 min
Response: 101917938
Conc: 52.99 ng/ml



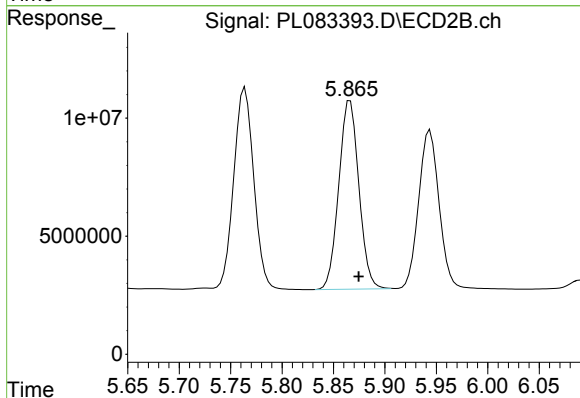
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.003 min
Response: 132260732
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153396BS

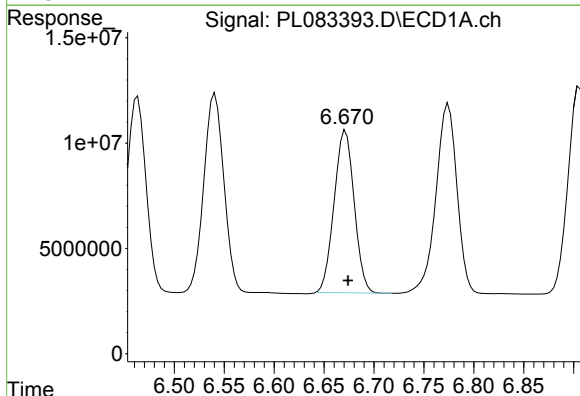
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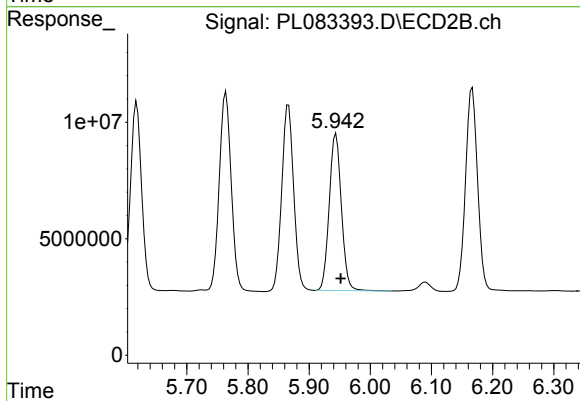
#17 4,4'-DDT

R.T.: 5.865 min
Delta R.T.: -0.010 min
Response: 108621635
Conc: 48.69 ng/ml m



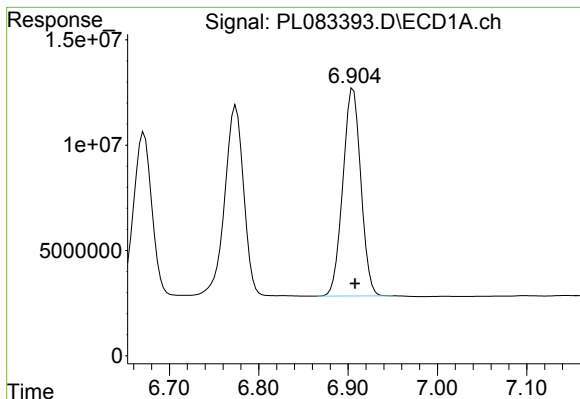
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 107874002
Conc: 53.65 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 92947763
Conc: 47.00 ng/ml



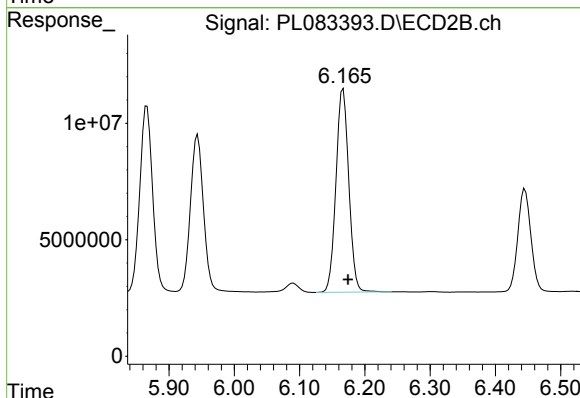
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 138002292
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153396BS

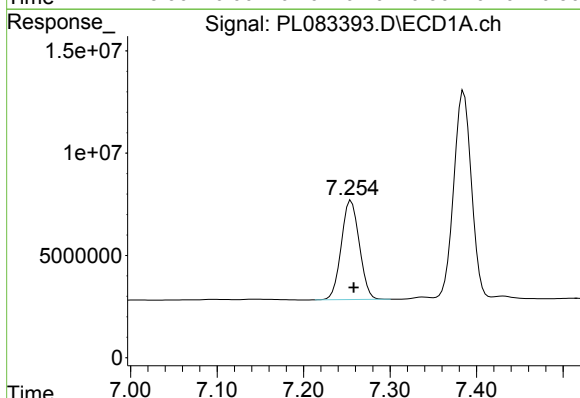
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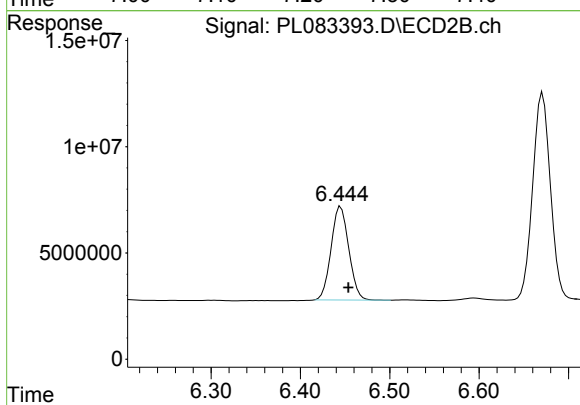
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: -0.007 min
Response: 119176457
Conc: 48.66 ng/ml



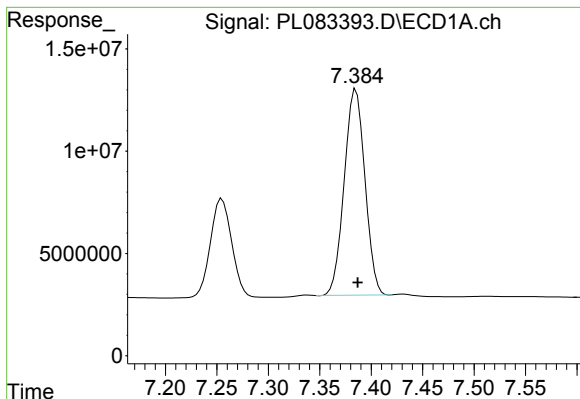
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 69931922
Conc: 52.88 ng/ml



#20 Methoxychlor

R.T.: 6.445 min
Delta R.T.: -0.009 min
Response: 60473451
Conc: 47.55 ng/ml



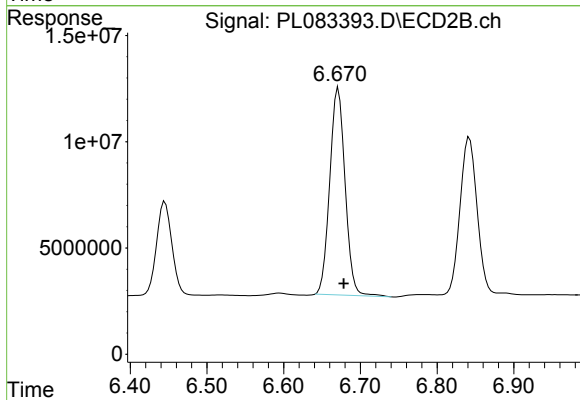
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 141196143
Conc: 55.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153396BS

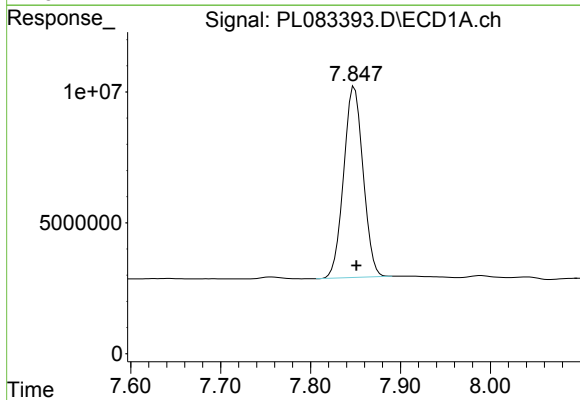
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/14/2023
Supervised By :Ankita Jodhani 06/14/2023



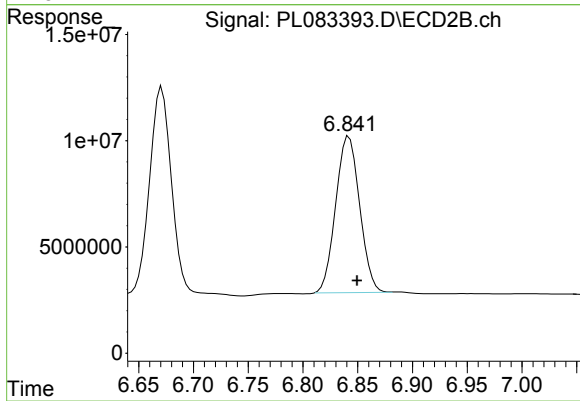
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 135611879
Conc: 50.16 ng/ml



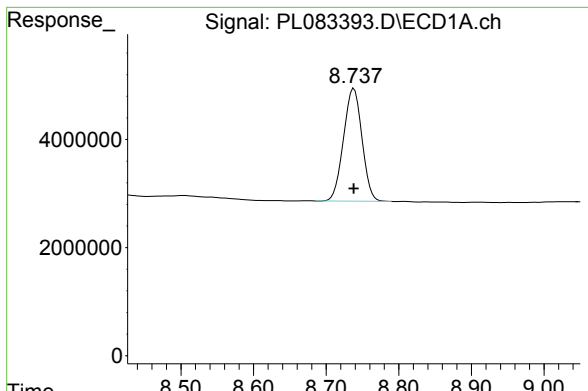
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.002 min
Response: 109502714
Conc: 52.24 ng/ml



#22 Mirex

R.T.: 6.842 min
Delta R.T.: -0.007 min
Response: 111860643
Conc: 47.81 ng/ml



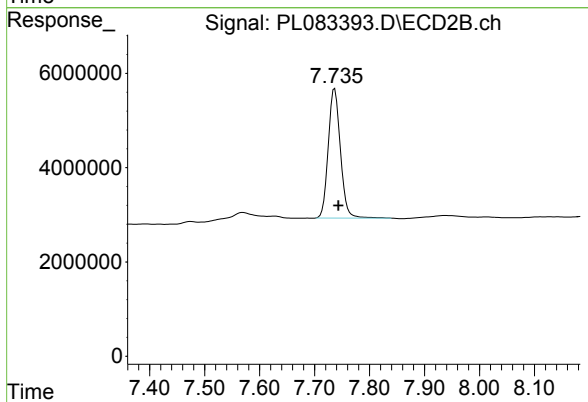
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 36846676
Conc: 17.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153396BS

Manual Integrations
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Supervised By :Ankita Jodhani 06/14/2023



#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.007 min
Response: 42197603
Conc: 16.97 ng/ml