

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031824\
 Data File : PL088656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2024 09:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/19/2024
 Supervised By :mohammad ahmed 03/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 13:02:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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...	3.634	2.852	142.4E6	67169152	53.755	50.399
28)	SA Decachlor...	9.305	8.082	121.5E6	65014518	49.168	47.949
Target Compounds							
2)	A alpha-BHC	4.099	3.367	219.6E6	101.5E6	55.017	50.512
3)	MA gamma-BHC...	4.437	3.703	211.7E6	97352386	54.586	50.728
4)	MA Heptachlor	5.038	4.051	201.1E6	88485107	52.968	49.166
5)	MB Aldrin	5.385	4.337	198.8E6	91053744	54.238	50.387
6)	B beta-BHC	4.635	4.005	91538973	41757394	51.617	48.711
7)	B delta-BHC	4.887	4.240	212.5E6	96178674	52.744	50.275
8)	B Heptachlo...	5.817	4.848	182.0E6	81597706	52.991	49.619
9)	A Endosulfan I	6.208	5.224	162.5E6	75016837	53.164	49.903
10)	B gamma-Chl...	6.076	5.103	182.0E6	82196415	54.636	49.626
11)	B alpha-Chl...	6.157	5.167	178.3E6	82300062	53.638	49.580
12)	B 4,4'-DDE	6.332	5.360	160.3E6	73581514	53.650	50.447
13)	MA Dieldrin	6.487	5.493	174.4E6	80803893	53.796	49.752
14)	MA Endrin	6.719	5.772	140.1E6	68451306	51.231	47.488
15)	B Endosulfa...	6.940	6.070	149.8E6	70557088	52.289	49.070
16)	A 4,4'-DDD	6.854	5.923	133.8E6	62481060	52.543	50.171
17)	MA 4,4'-DDT	7.173	6.177	133.6E6	62480375	50.116	46.551
18)	B Endrin al...	7.070	6.252	111.3E6	52773749	53.292m	50.359
19)	B Endosulfa...	7.308	6.478	143.4E6	68154972	51.920	49.123
20)	A Methoxychlor	7.654	6.761	72028665	35192161	47.812	43.877
21)	B Endrin ke...	7.800	6.991	157.4E6	82788484	53.256	50.153
22)	Mirex	8.283	7.177	121.7E6	64748769	51.897	48.018

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031824\
Data File : PL088656.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2024 09:16
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

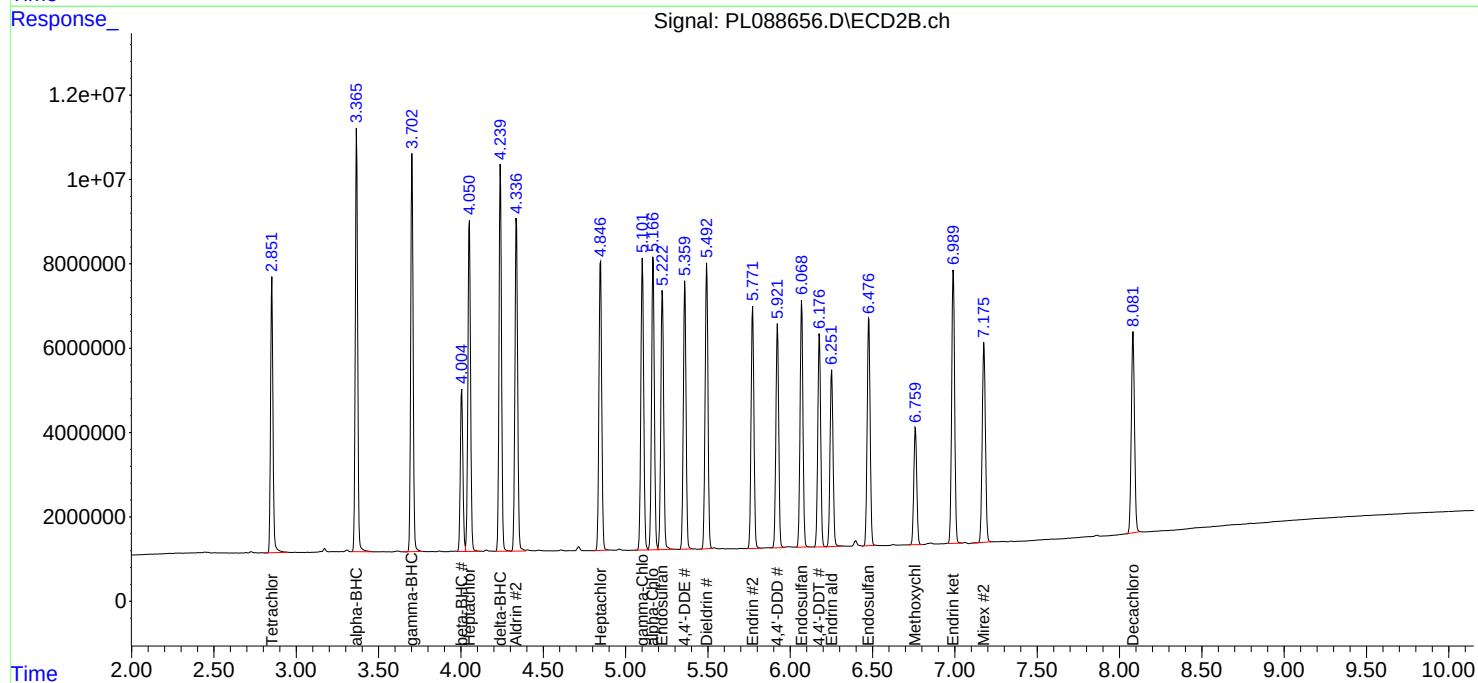
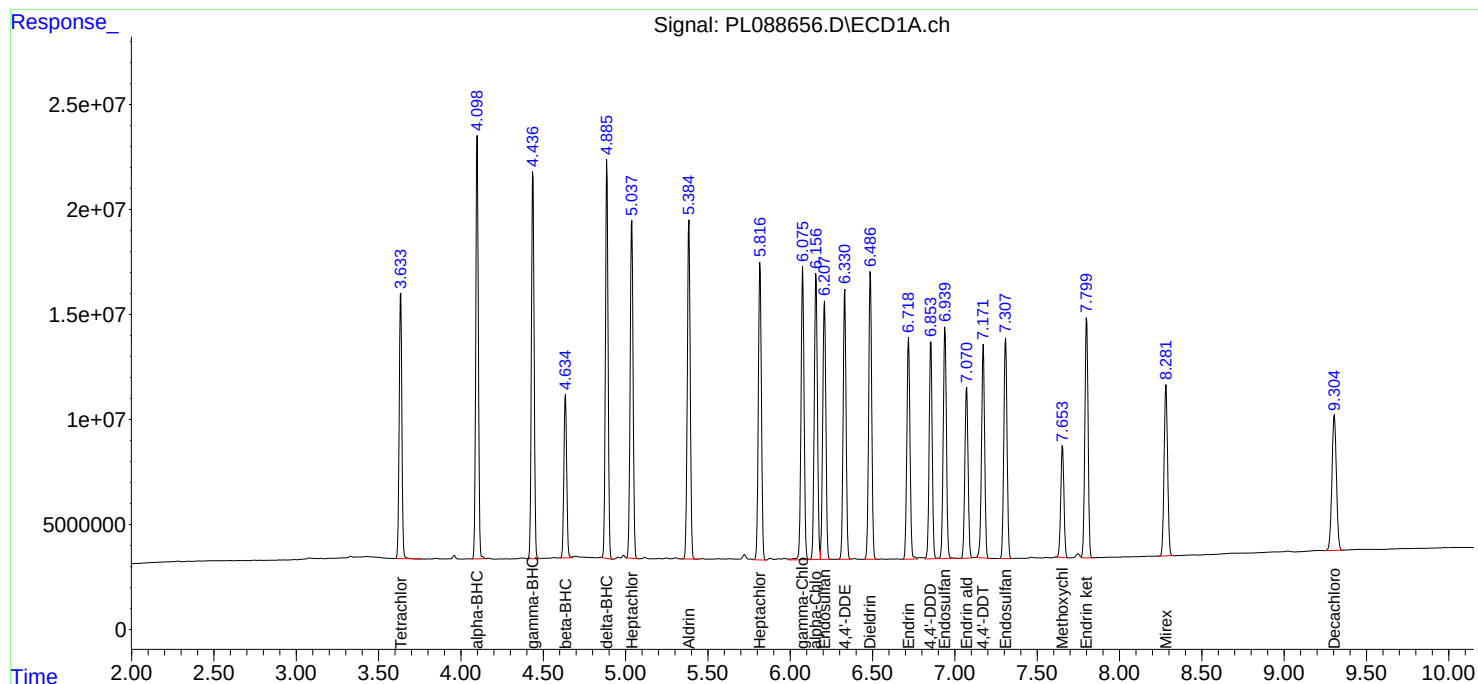
APPROVED

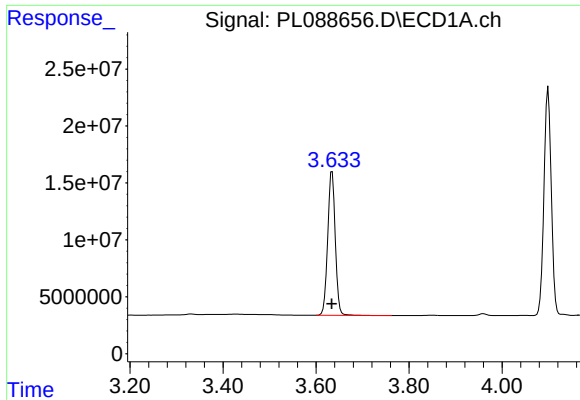
Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 13:02:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 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





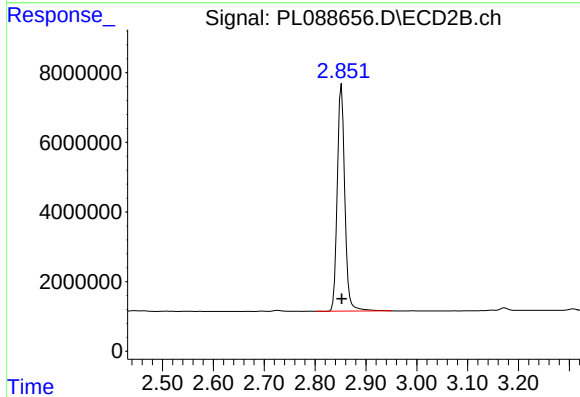
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 142449313
Conc: 53.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

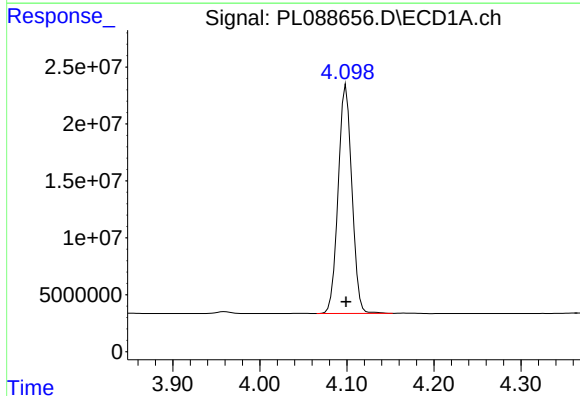
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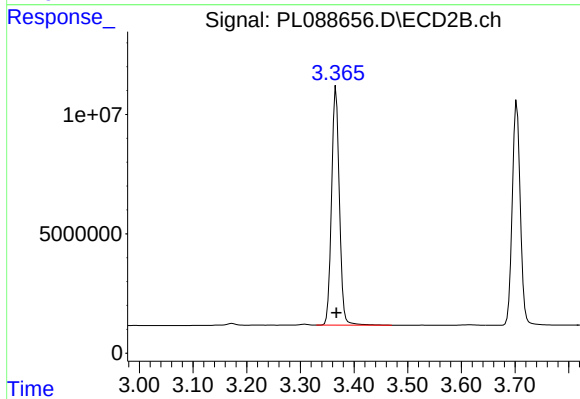
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 67169152
Conc: 50.40 ng/ml



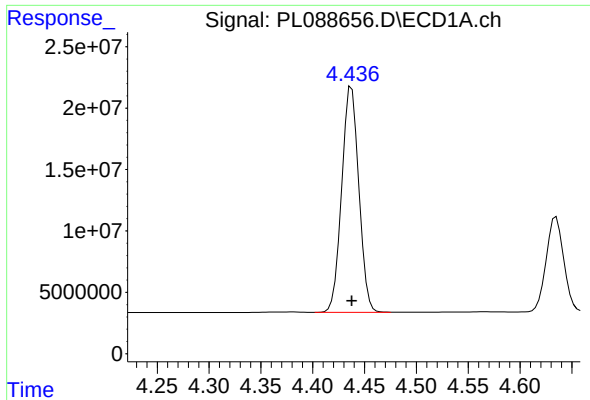
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 219610191
Conc: 55.02 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: 0.000 min
Response: 101501136
Conc: 50.51 ng/ml



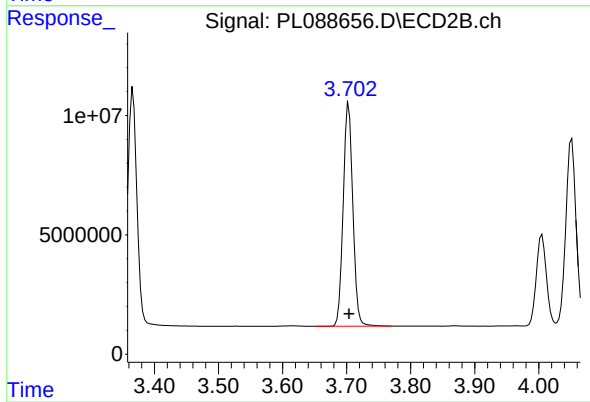
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 211694607
Conc: 54.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

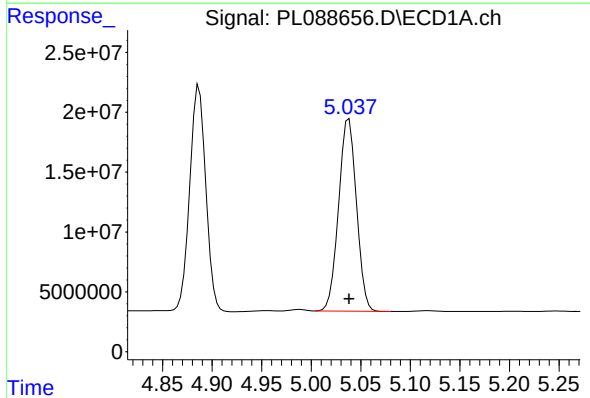
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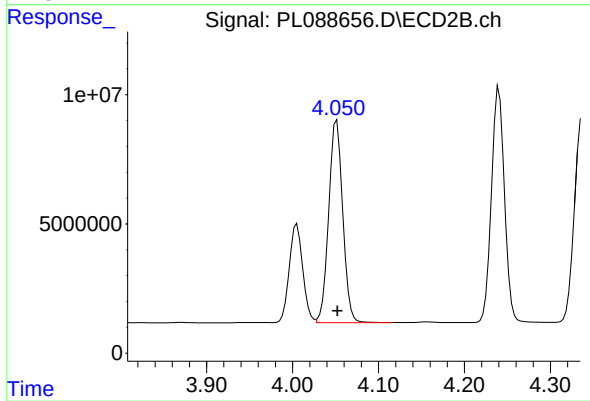
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 97352386
Conc: 50.73 ng/ml



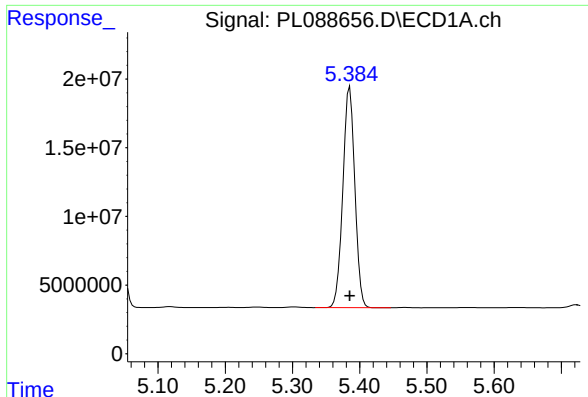
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 201143595
Conc: 52.97 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 88485107
Conc: 49.17 ng/ml



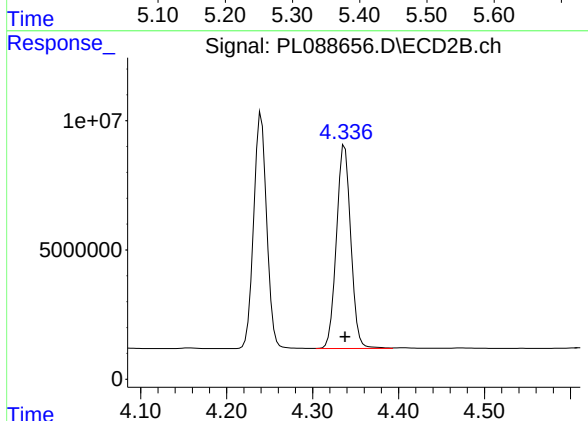
#5 Aldrin

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 198755535
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

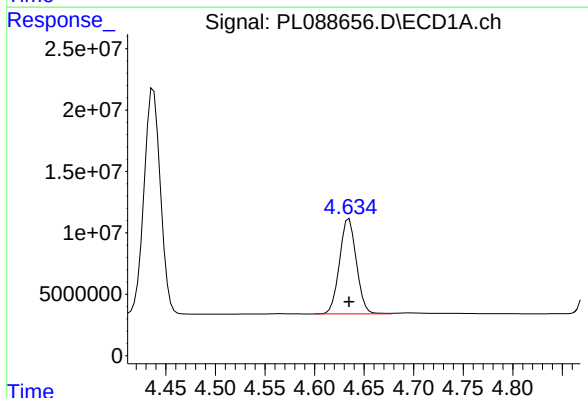
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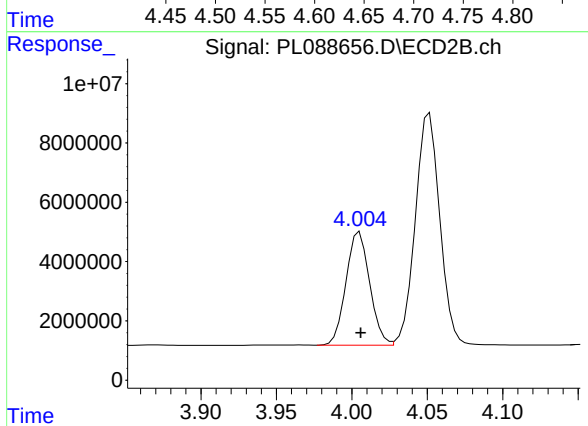
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 91053744
Conc: 50.39 ng/ml



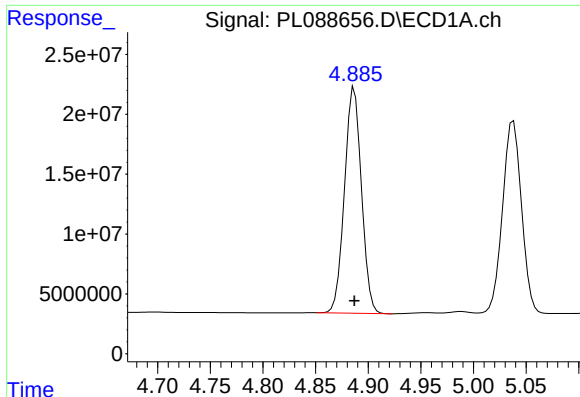
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 91538973
Conc: 51.62 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 41757394
Conc: 48.71 ng/ml



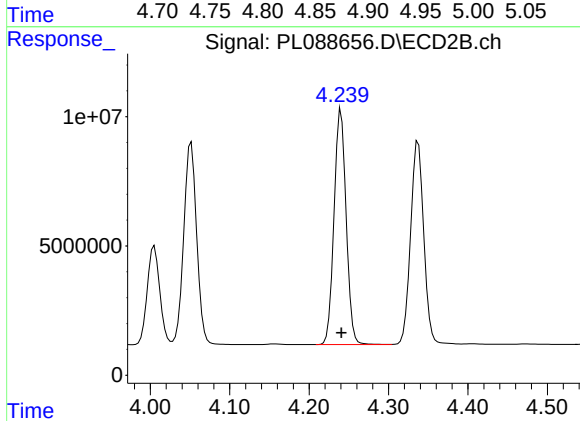
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 212462834
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

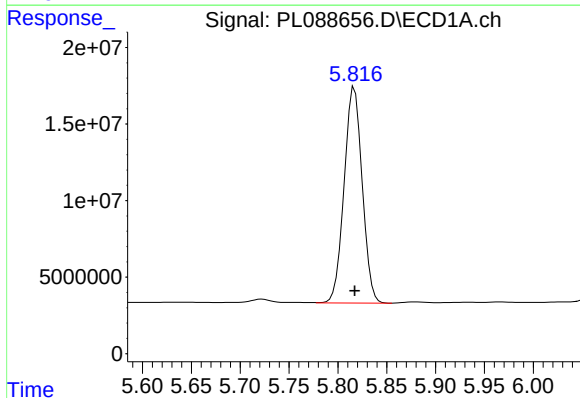
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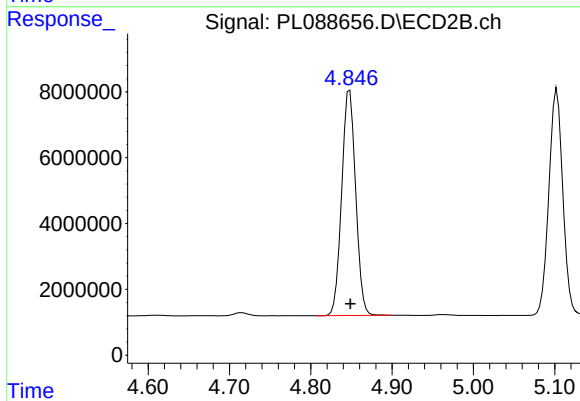
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 96178674
Conc: 50.27 ng/ml



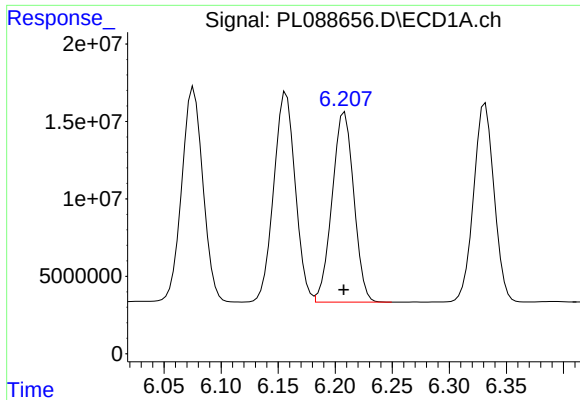
#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 182023521
Conc: 52.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.848 min
Delta R.T.: -0.001 min
Response: 81597706
Conc: 49.62 ng/ml



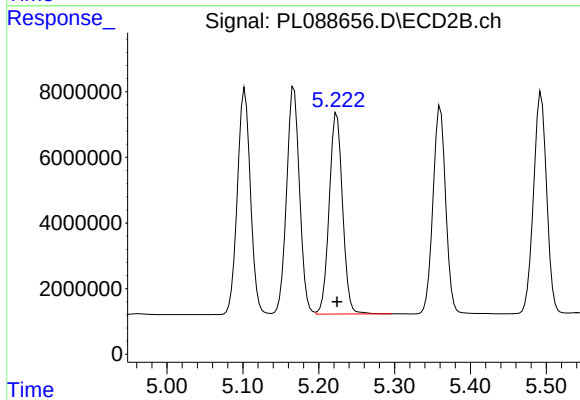
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 162495165
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

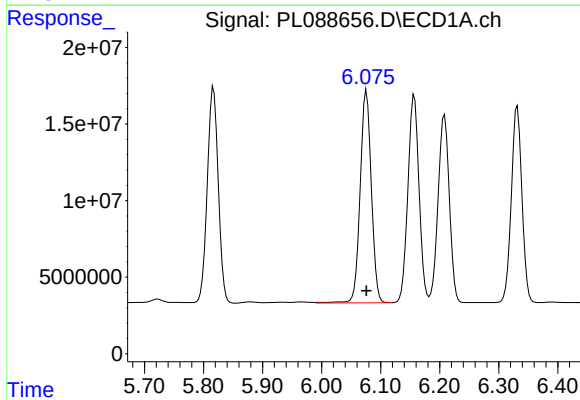
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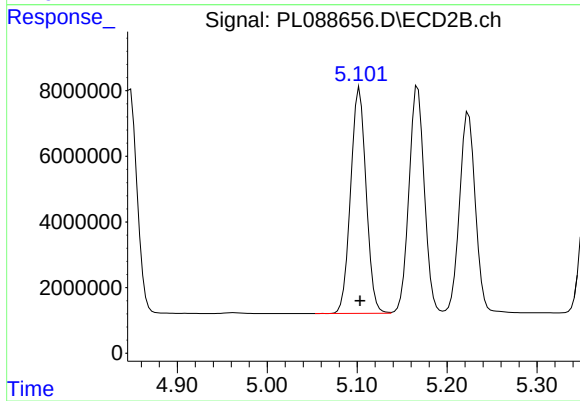
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 75016837
Conc: 49.90 ng/ml



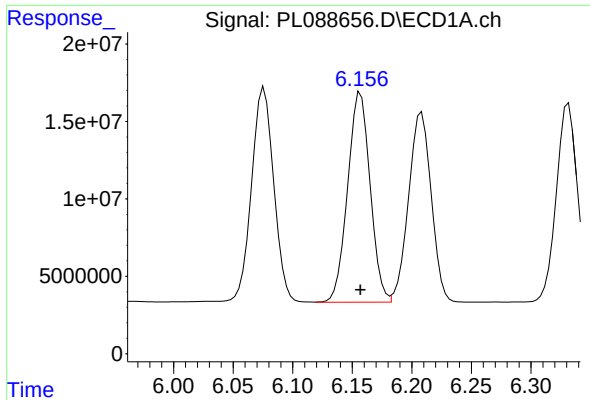
#10 gamma-Chlordane

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 181981240
Conc: 54.64 ng/ml



#10 gamma-Chlordane

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 82196415
Conc: 49.63 ng/ml



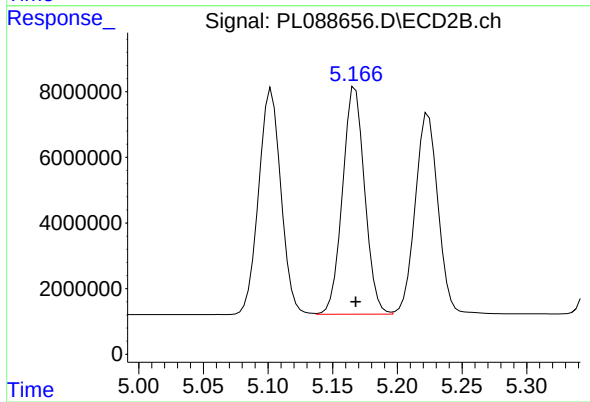
#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 178296222
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

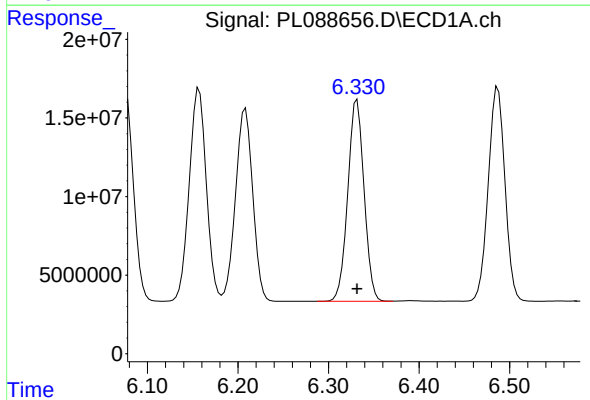
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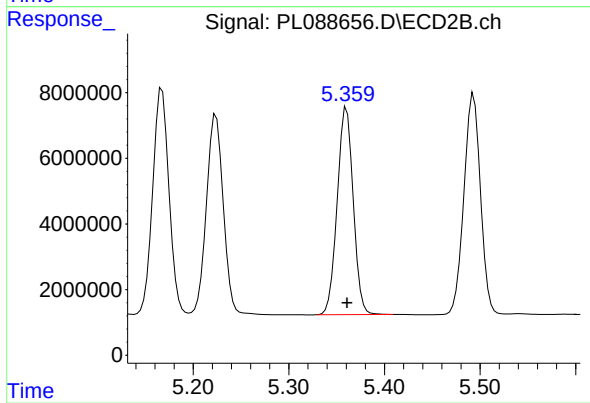
#11 alpha-Chlordane

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 82300062
Conc: 49.58 ng/ml



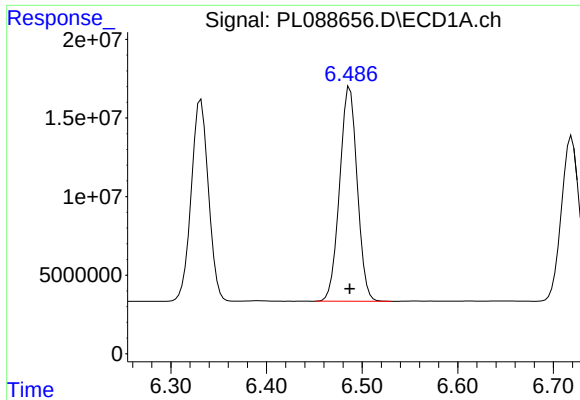
#12 4,4'-DDE

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 160289469
Conc: 53.65 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 73581514
Conc: 50.45 ng/ml



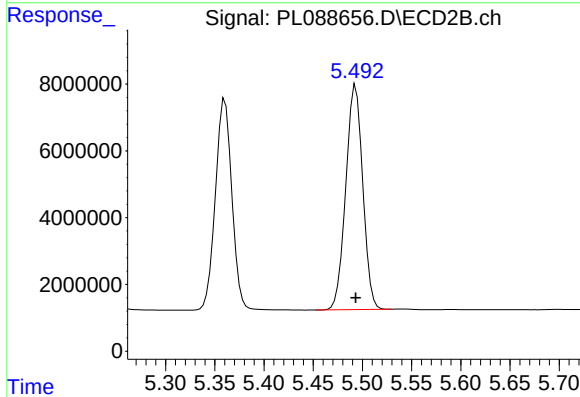
#13 Dieldrin

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 174441547
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

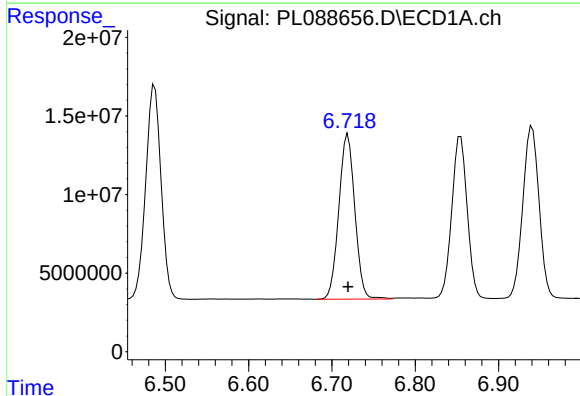
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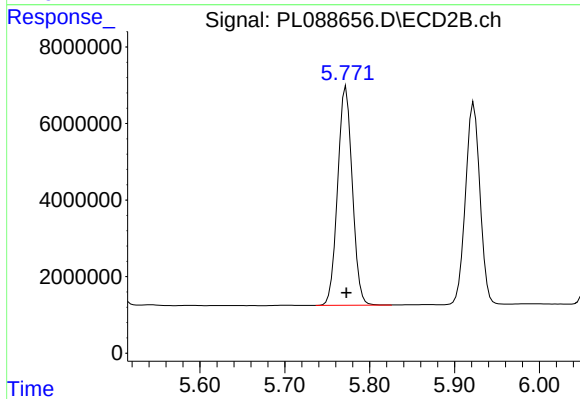
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 80803893
Conc: 49.75 ng/ml



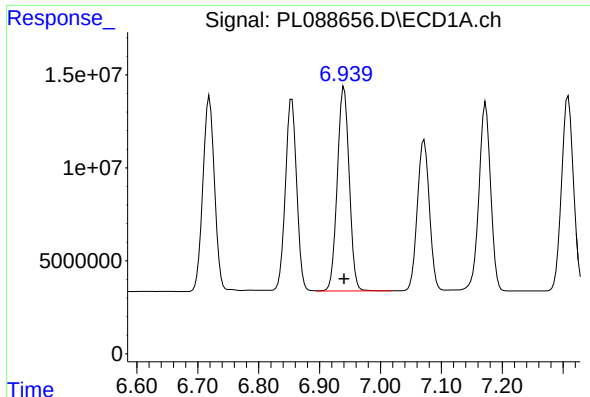
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 140051223
Conc: 51.23 ng/ml



#14 Endrin

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 68451306
Conc: 47.49 ng/ml



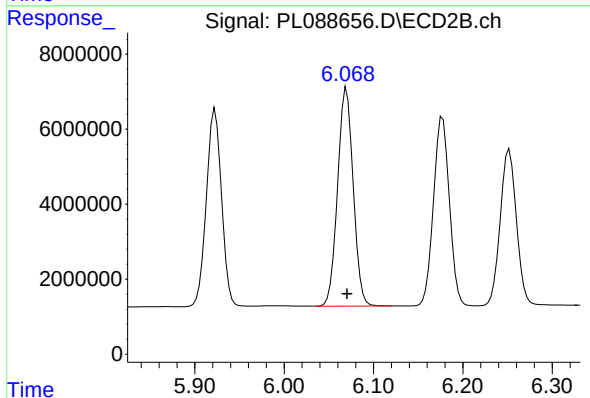
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 149766248
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

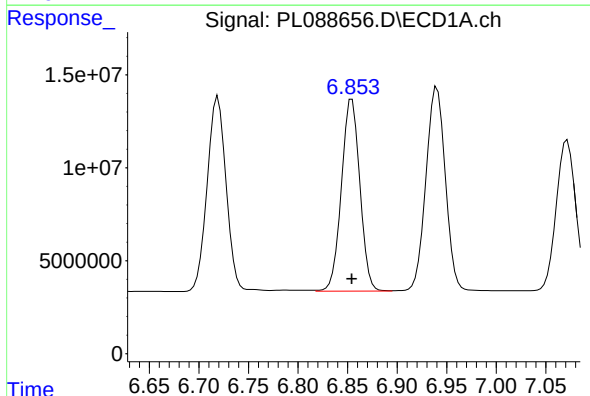
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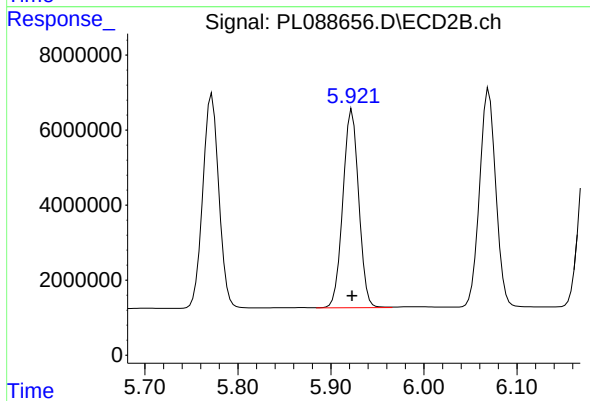
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 70557088
Conc: 49.07 ng/ml



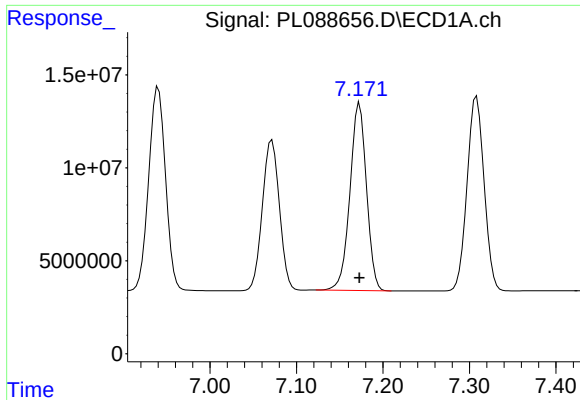
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 133813982
Conc: 52.54 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 62481060
Conc: 50.17 ng/ml



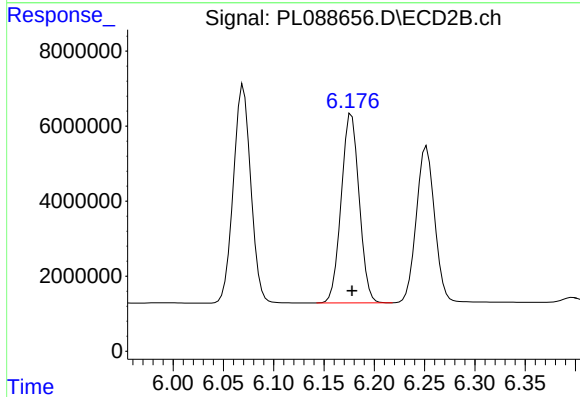
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 133583639
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

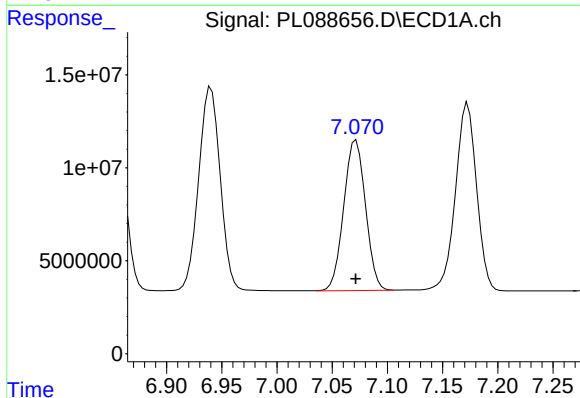
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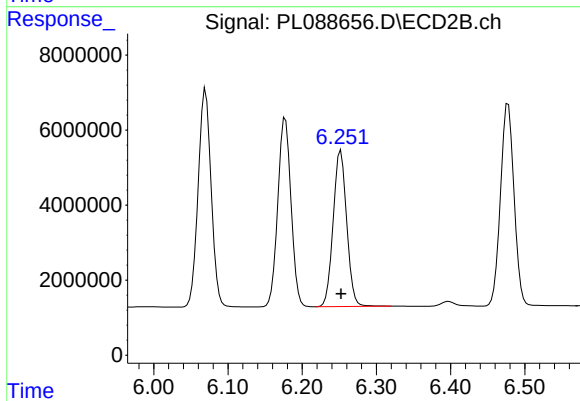
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 62480375
Conc: 46.55 ng/ml



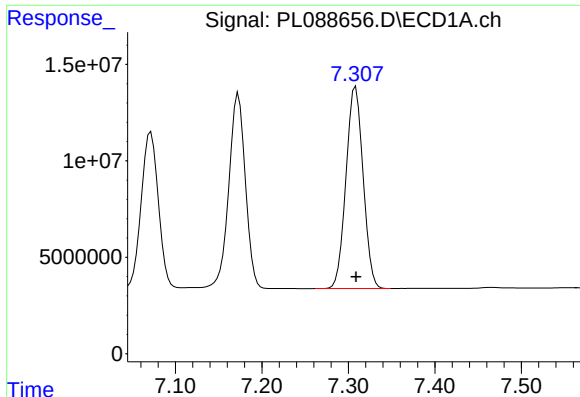
#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 111263955
Conc: 53.29 ng/ml m



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 52773749
Conc: 50.36 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 143366294
Conc: 51.92 ng/ml

Instrument :

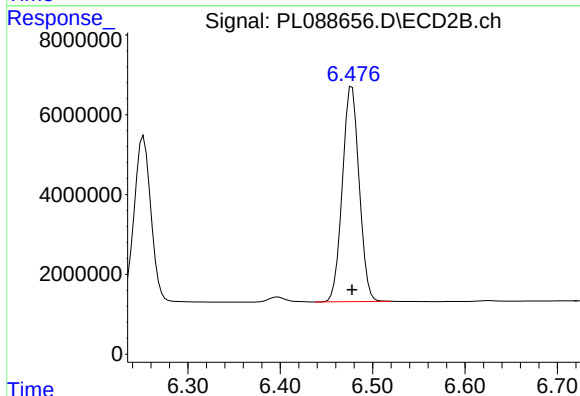
ECD_L

ClientSampleId :

PSTDCCC050

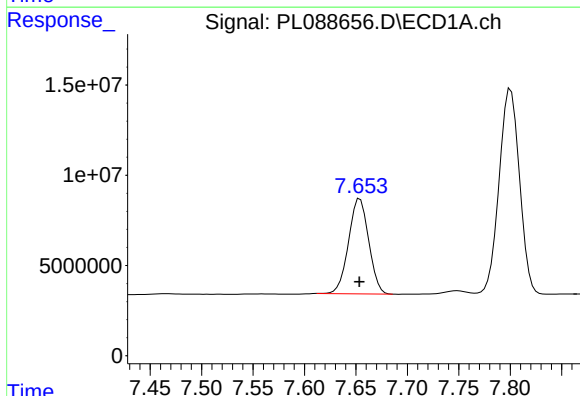
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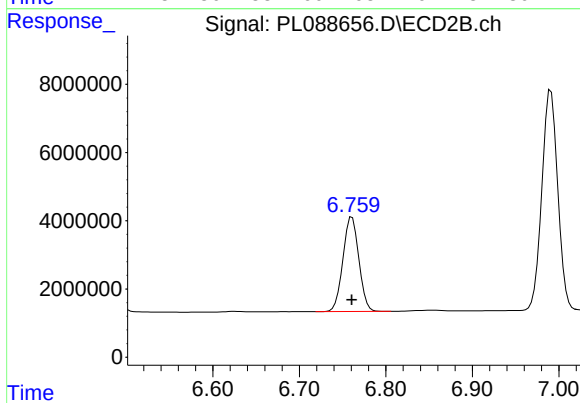
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 68154972
Conc: 49.12 ng/ml



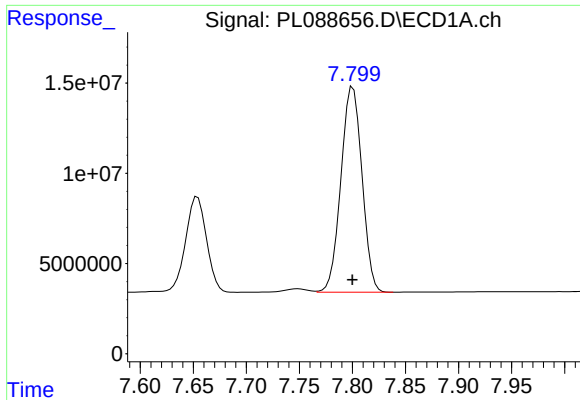
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 72028665
Conc: 47.81 ng/ml



#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 35192161
Conc: 43.88 ng/ml



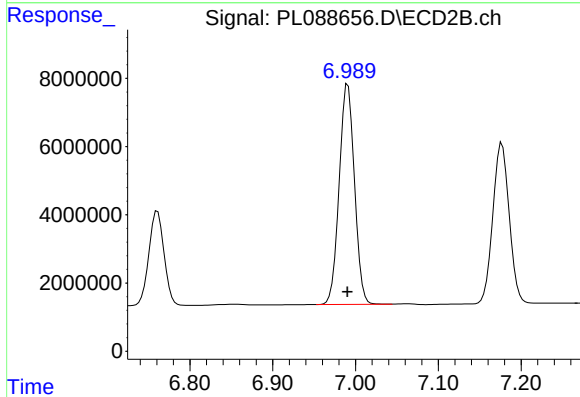
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 157446401
Conc: 53.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

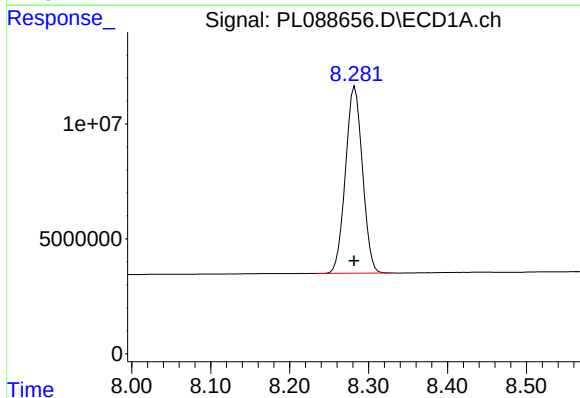
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Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



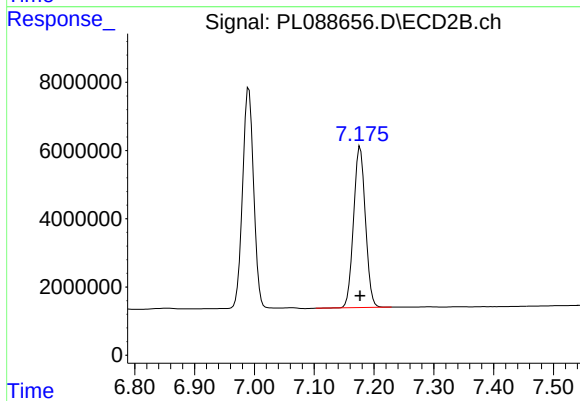
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 82788484
Conc: 50.15 ng/ml



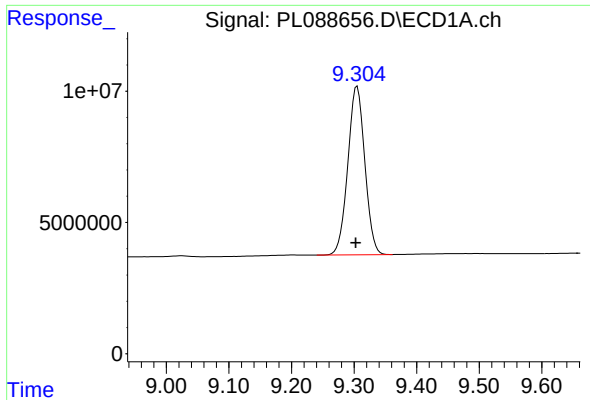
#22 Mirex

R.T.: 8.283 min
Delta R.T.: 0.001 min
Response: 121672940
Conc: 51.90 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 64748769
Conc: 48.02 ng/ml



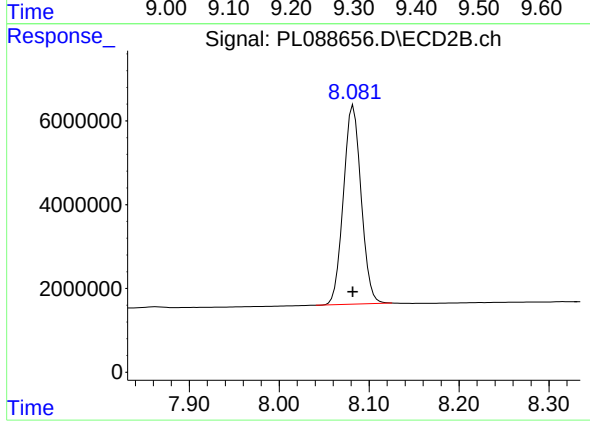
#28 Decachlorobiphenyl

R.T.: 9.305 min
Delta R.T.: 0.002 min
Response: 121539675
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/19/2024



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 65014518
Conc: 47.95 ng/ml