

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
 Data File : PL087313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2023 22:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/21/2023
 Supervised By :Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:48:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.423	2.679	190.2E6	79486620	50.531	47.221
28)	SA Decachlor...	8.980	7.867	171.2E6	80557013	50.203	47.696
Target Compounds							
2)	A alpha-BHC	3.879	3.181	279.8E6	117.6E6	51.679	47.850m
3)	MA gamma-BHC...	4.212	3.514	265.5E6	112.4E6	50.524	46.402
4)	MA Heptachlor	4.804	3.856	258.5E6	106.8E6	48.537m	44.694
5)	MB Aldrin	5.148	4.136	257.0E6	108.5E6	49.365	45.256
6)	B beta-BHC	4.412	3.815	112.3E6	46919625	48.883	45.072
7)	B delta-BHC	4.657	4.044	262.2E6	112.4E6	50.145m	45.966
8)	B Heptachlo...	5.579	4.644	227.1E6	98124079	48.184	44.095
9)	A Endosulfan I	5.965	5.015	209.6E6	91864923	46.939	42.507
10)	B gamma-Chl...	5.836	4.898	230.7E6	101.7E6	47.583	44.459
11)	B alpha-Chl...	5.917	4.962	226.9E6	100.1E6	47.206	43.360
12)	B 4,4'-DDE	6.098	5.160	196.9E6	87747454	47.515	44.194
13)	MA Dieldrin	6.243	5.282	218.0E6	97739699	46.977	43.874
14)	MA Endrin	6.473	5.557	171.7E6	83937200	44.618	42.060
15)	B Endosulfa...	6.694	5.856	182.0E6	83674011	45.389	42.975
16)	A 4,4'-DDD	6.618	5.718	159.9E6	75494410	48.379	45.595
17)	MA 4,4'-DDT	6.935	5.971	165.0E6	75584517	43.893	40.982
18)	B Endrin al...	6.825	6.038	135.3E6	62961760	46.697	42.901
19)	B Endosulfa...	7.062	6.262	180.8E6	82509731	46.053	43.799
20)	A Methoxychlor	7.420	6.557	83357614	41317095	42.749	40.452
21)	B Endrin ke...	7.547	6.766	190.5E6	96118299	46.823m	45.154m
22)	Mirex	8.025	6.950	153.0E6	78165749	45.433	43.935

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
Data File : PL087313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2023 22:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

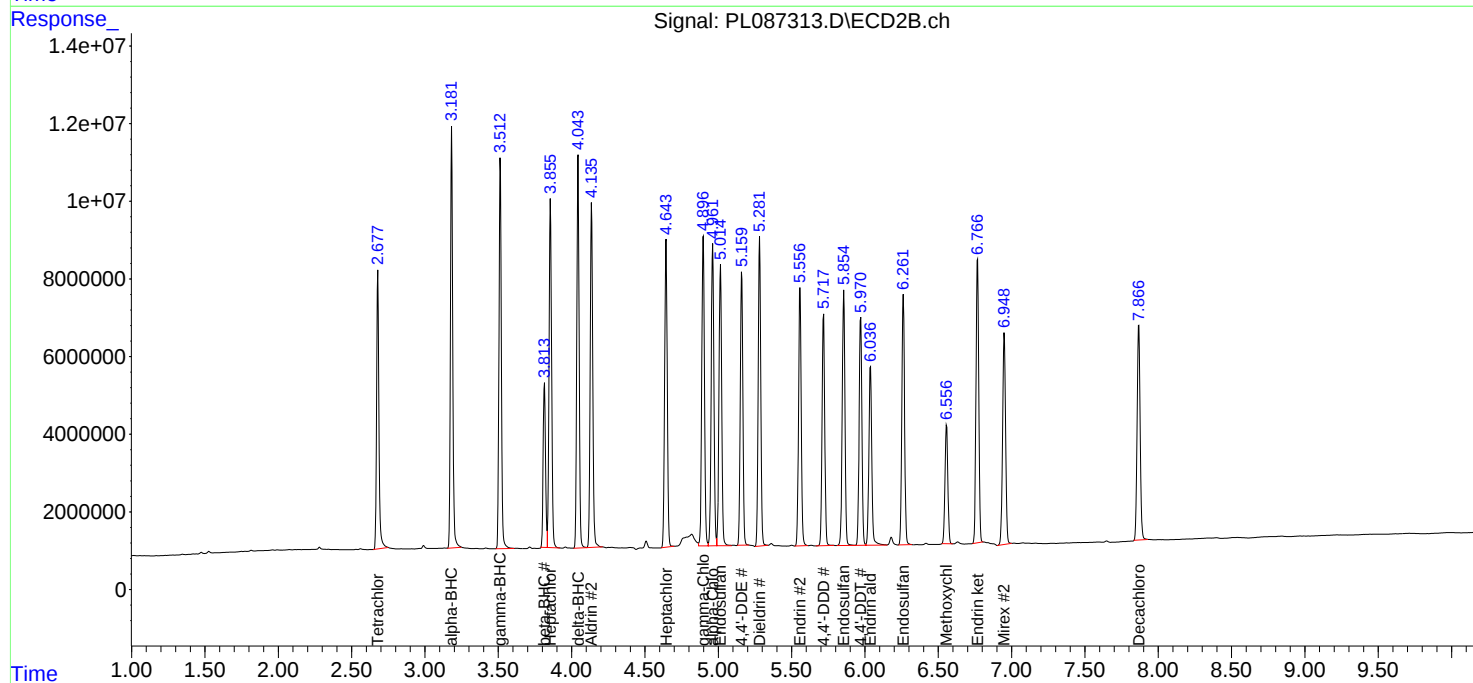
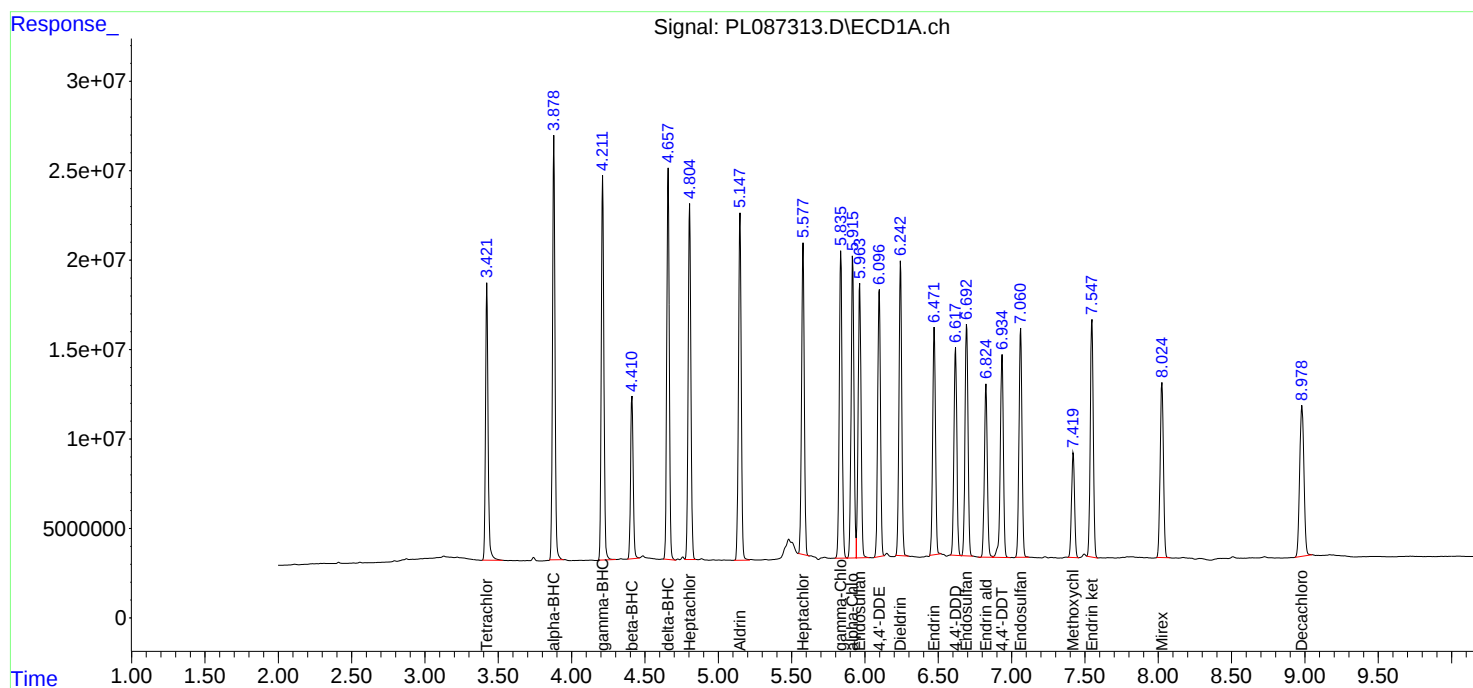
APPROVED

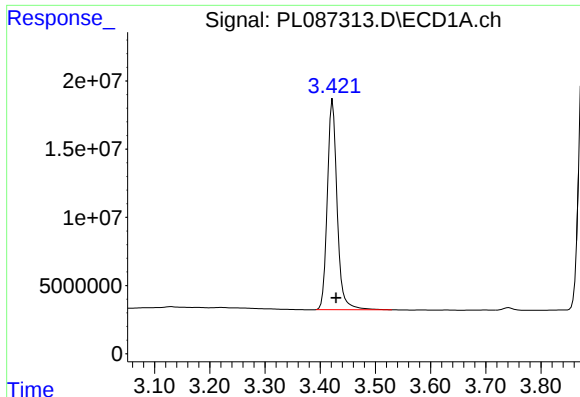
Reviewed By :Abdul Mirza 12/21/2023

Supervised By :Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:48:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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





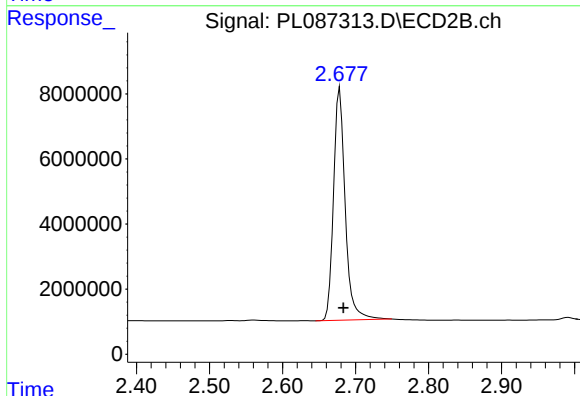
#1 Tetrachloro-m-xylene

R.T.: 3.423 min
Delta R.T.: -0.006 min
Response: 190168938
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

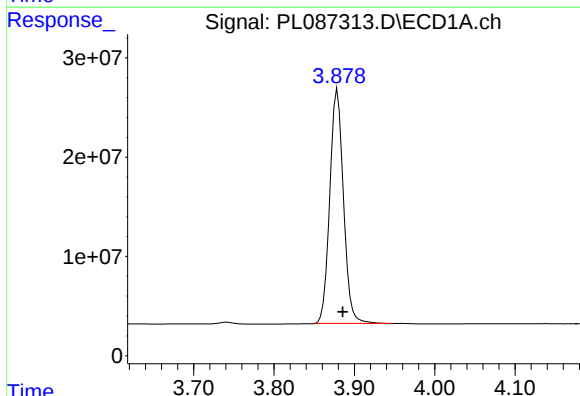
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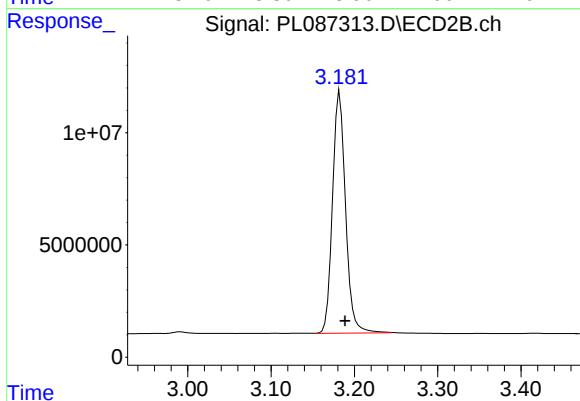
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.005 min
Response: 79486620
Conc: 47.22 ng/ml



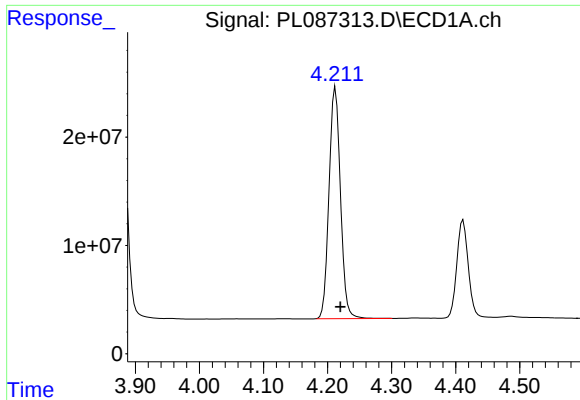
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.006 min
Response: 279799744
Conc: 51.68 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 117596028
Conc: 47.85 ng/ml m



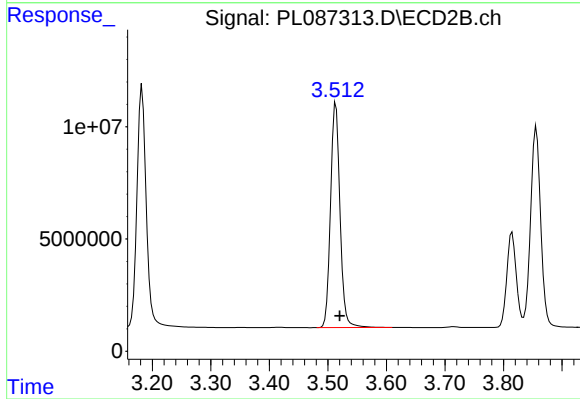
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.007 min
Response: 265535664
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

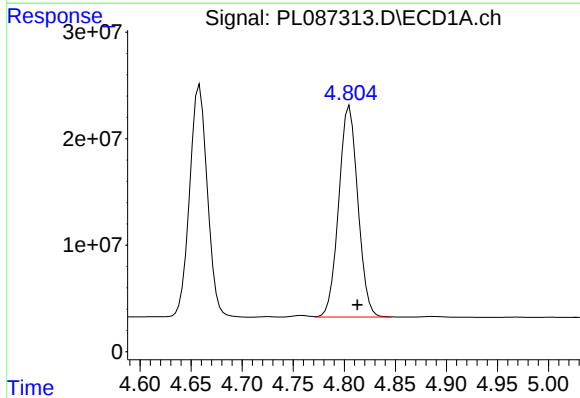
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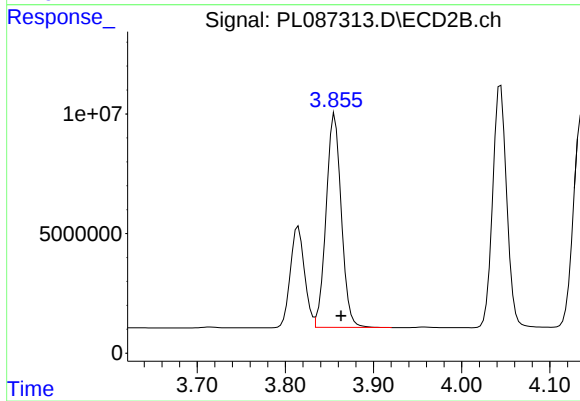
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.006 min
Response: 112404573
Conc: 46.40 ng/ml



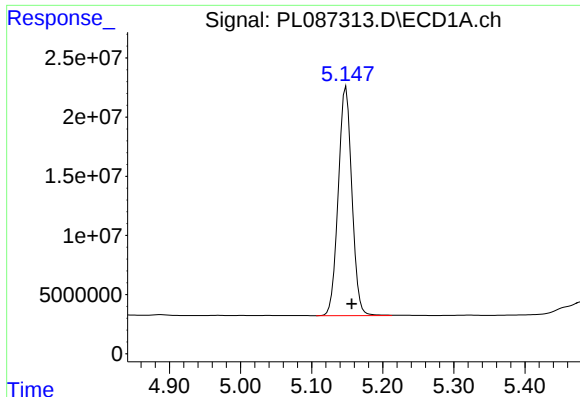
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: -0.009 min
Response: 258533812
Conc: 48.54 ng/ml m



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.007 min
Response: 106831106
Conc: 44.69 ng/ml



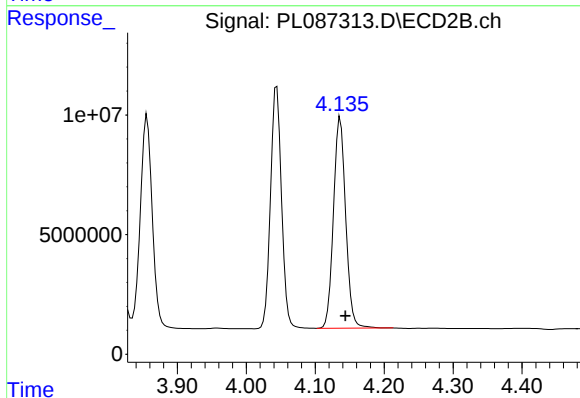
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: -0.008 min
Response: 257012784
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

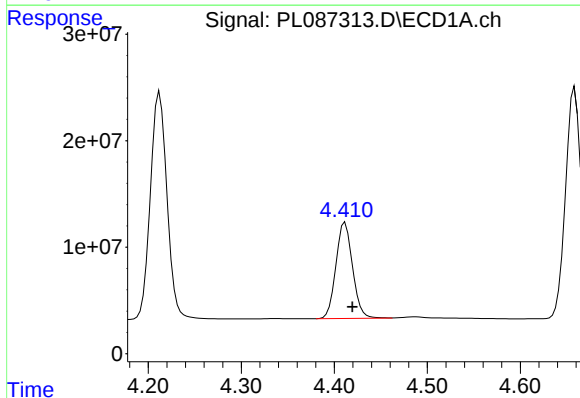
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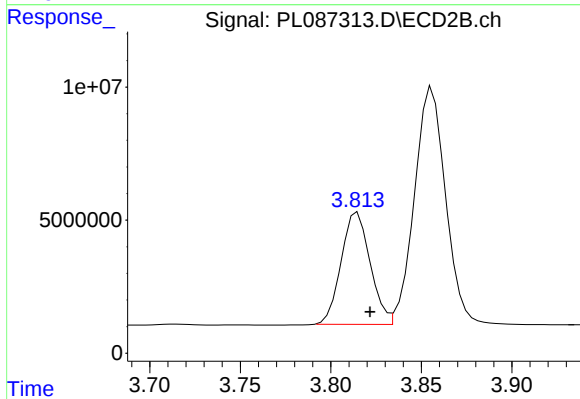
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.007 min
Response: 108513315
Conc: 45.26 ng/ml



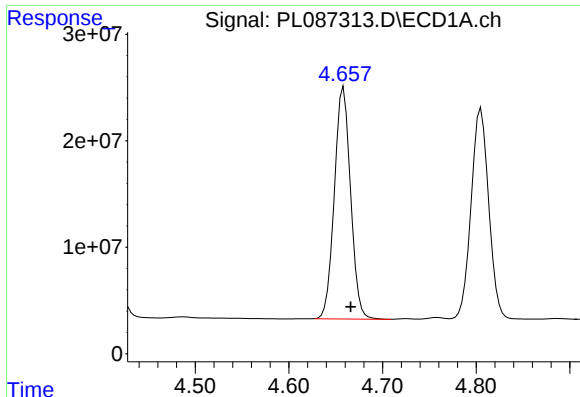
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.008 min
Response: 112273573
Conc: 48.88 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.007 min
Response: 46919625
Conc: 45.07 ng/ml



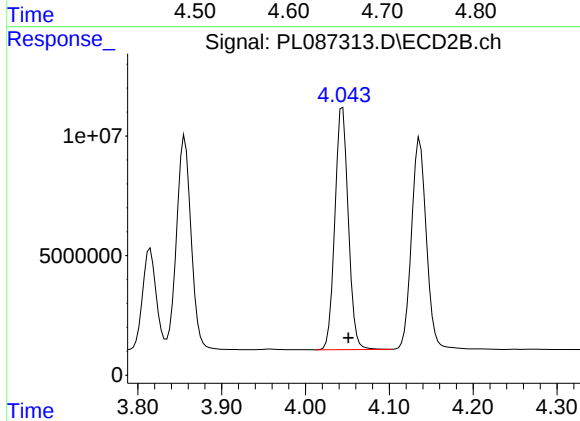
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.009 min
Response: 262228480
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

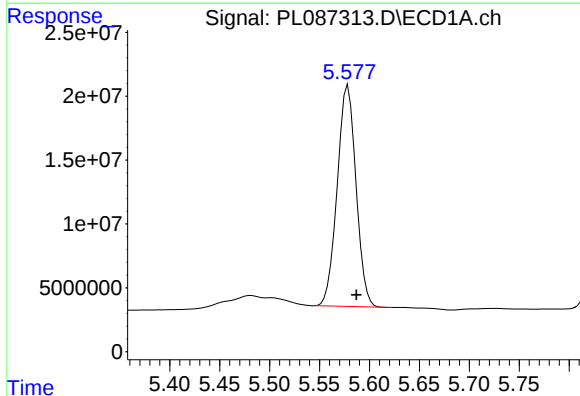
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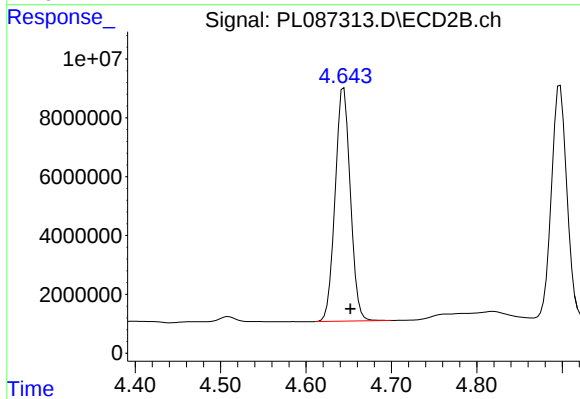
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.007 min
Response: 112442054
Conc: 45.97 ng/ml



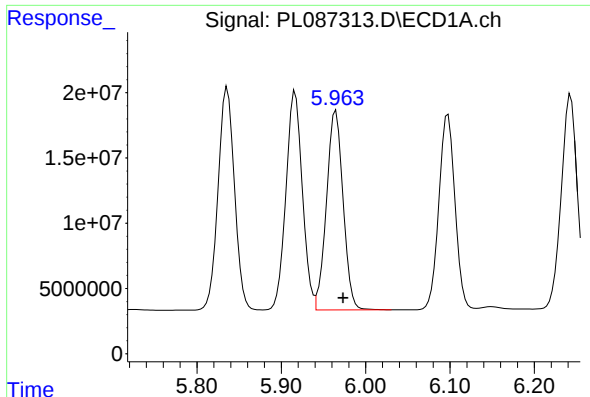
#8 Heptachlor epoxide

R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 227080661
Conc: 48.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 98124079
Conc: 44.09 ng/ml



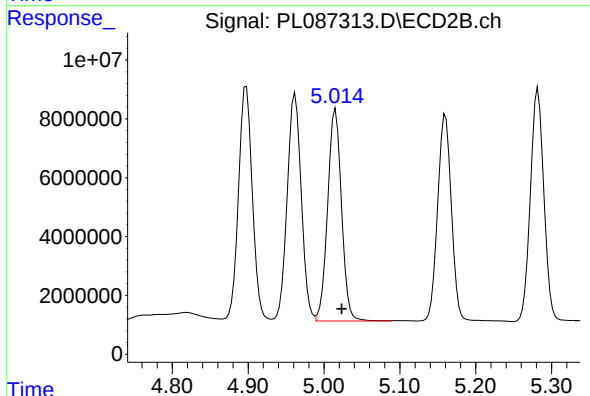
#9 Endosulfan I

R.T.: 5.965 min
Delta R.T.: -0.009 min
Response: 209646125
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

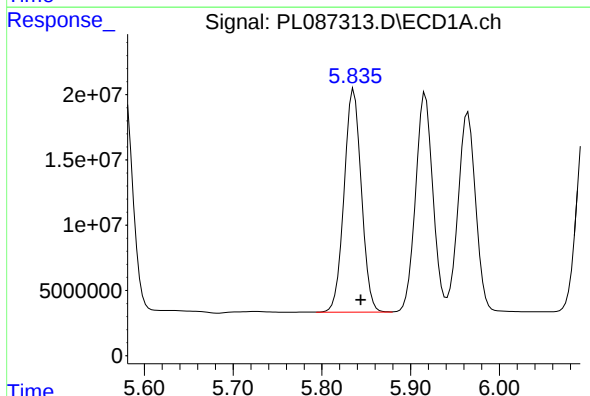
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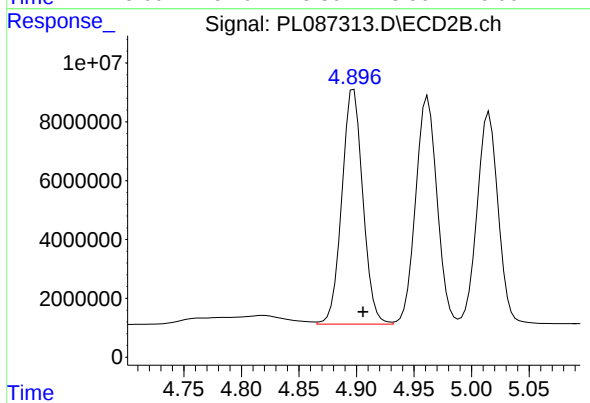
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.008 min
Response: 91864923
Conc: 42.51 ng/ml



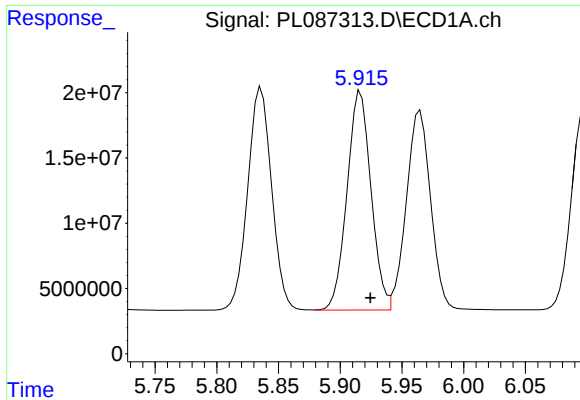
#10 gamma-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.008 min
Response: 230681494
Conc: 47.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.898 min
Delta R.T.: -0.008 min
Response: 101692526
Conc: 44.46 ng/ml



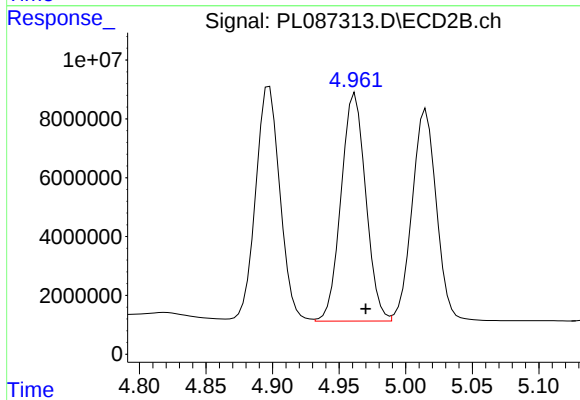
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.008 min
Response: 226880272
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

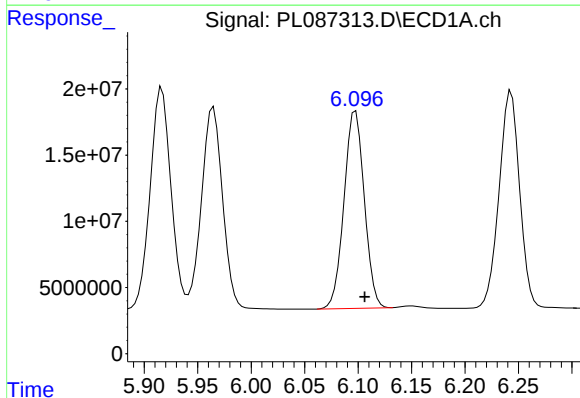
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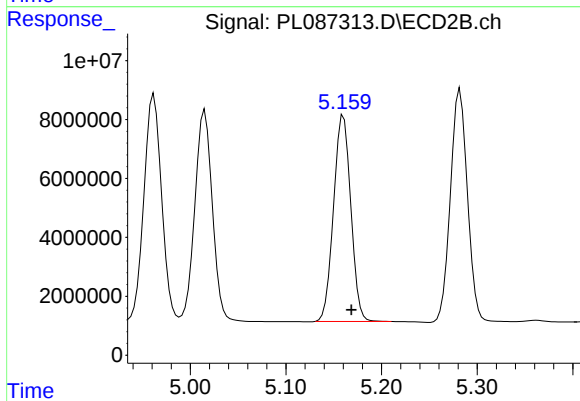
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 100076652
Conc: 43.36 ng/ml



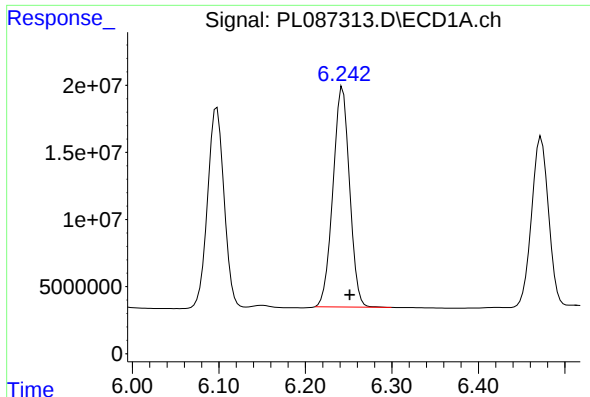
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 196903984
Conc: 47.51 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.008 min
Response: 87747454
Conc: 44.19 ng/ml



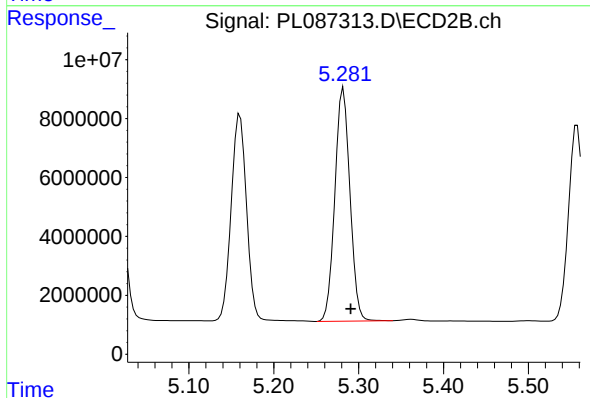
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 218014149
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

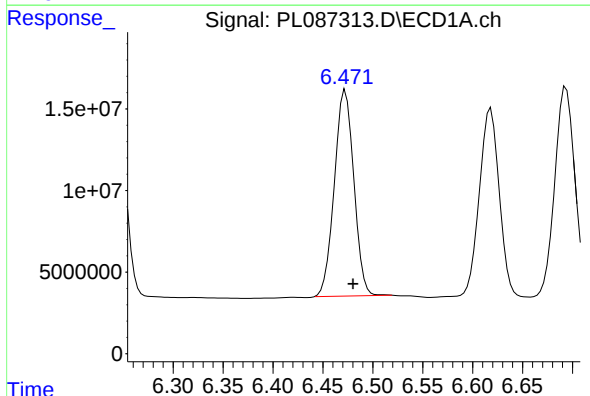
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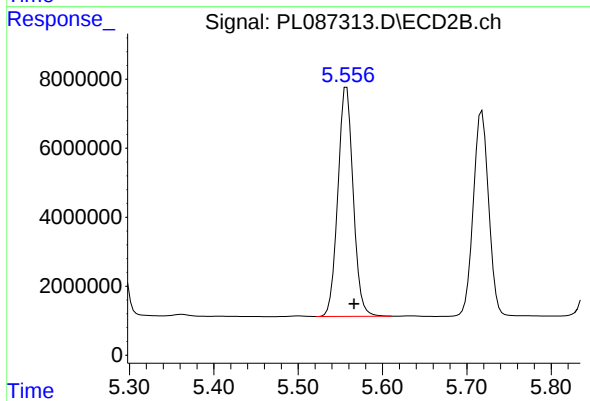
#13 Dieldrin

R.T.: 5.282 min
Delta R.T.: -0.009 min
Response: 97739699
Conc: 43.87 ng/ml



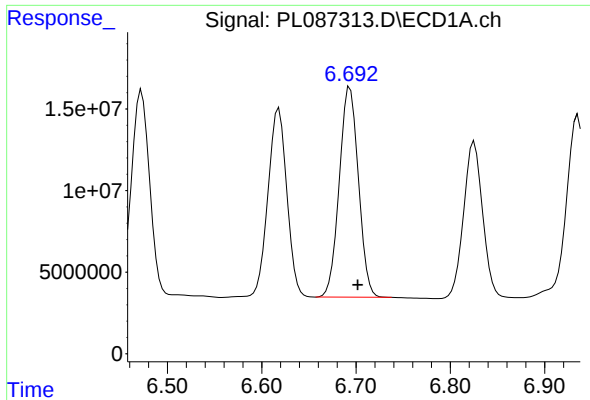
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 171661330
Conc: 44.62 ng/ml



#14 Endrin

R.T.: 5.557 min
Delta R.T.: -0.009 min
Response: 83937200
Conc: 42.06 ng/ml



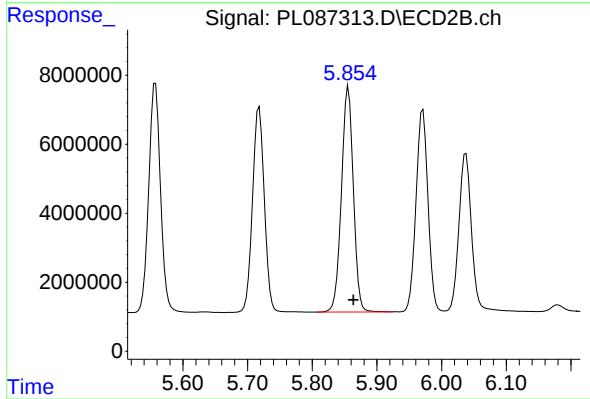
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 182026351
Conc: 45.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

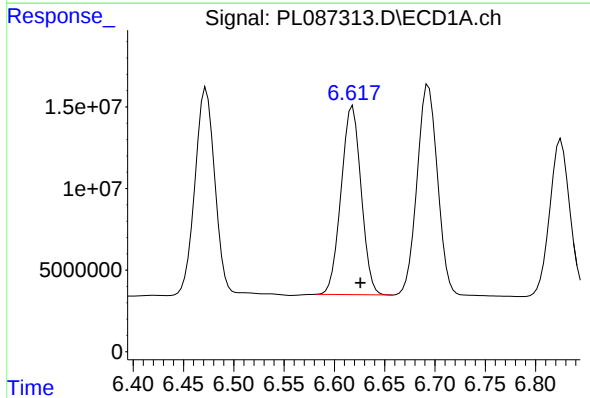
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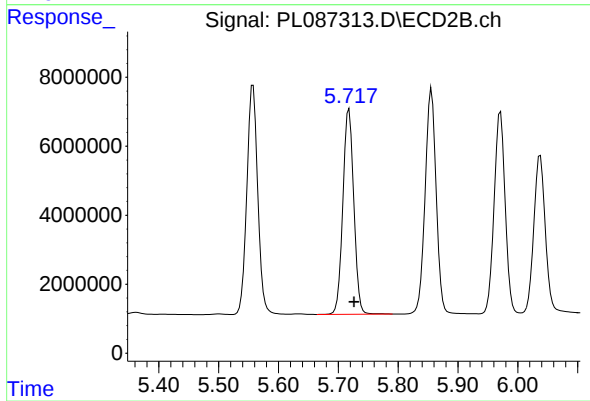
#15 Endosulfan II

R.T.: 5.856 min
Delta R.T.: -0.008 min
Response: 83674011
Conc: 42.98 ng/ml



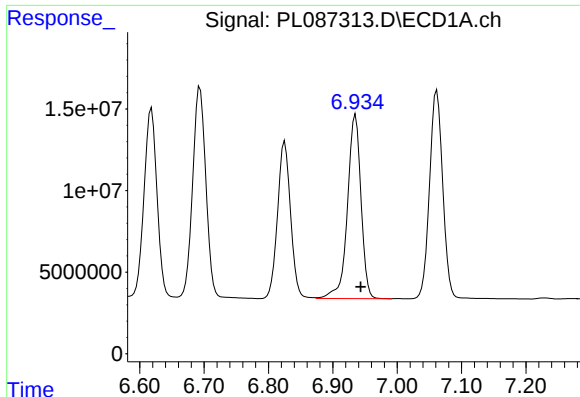
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 159897532
Conc: 48.38 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.009 min
Response: 75494410
Conc: 45.60 ng/ml



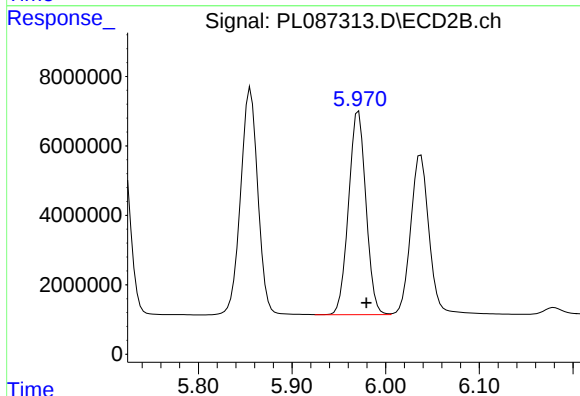
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.008 min
Response: 165046592
Conc: 43.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

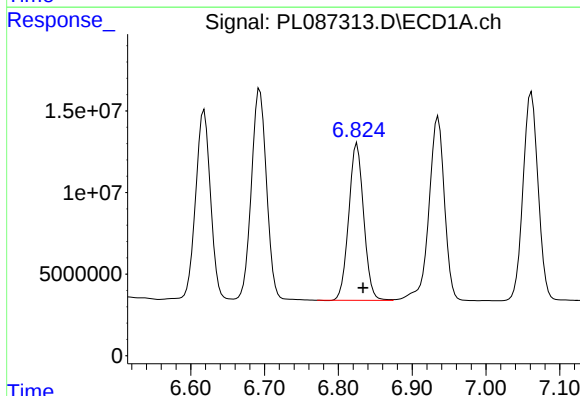
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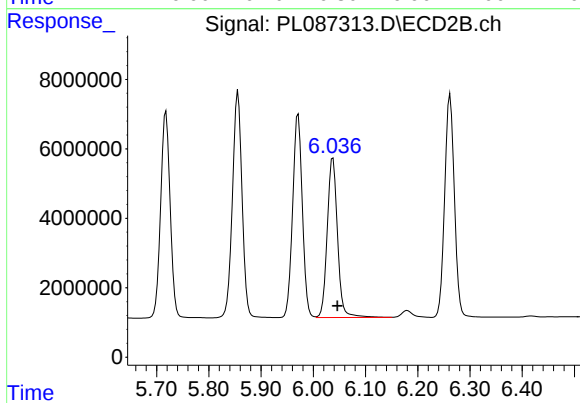
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.008 min
Response: 75584517
Conc: 40.98 ng/ml



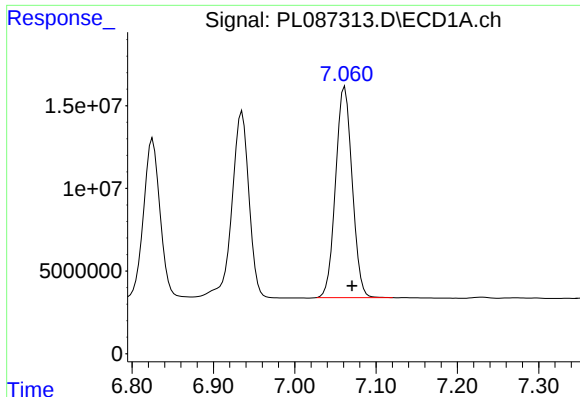
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.008 min
Response: 135344511
Conc: 46.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 62961760
Conc: 42.90 ng/ml



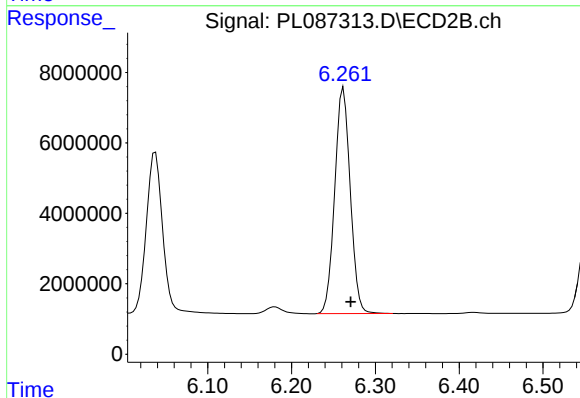
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 180842716
Conc: 46.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

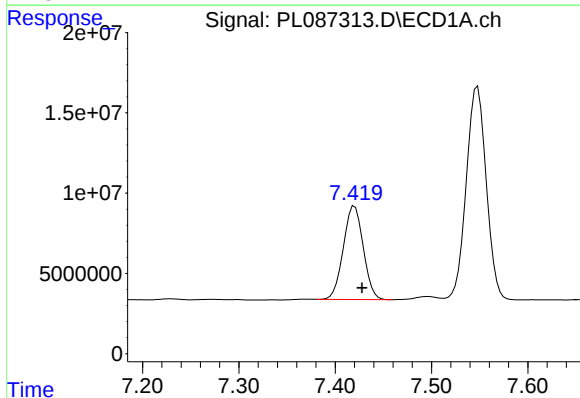
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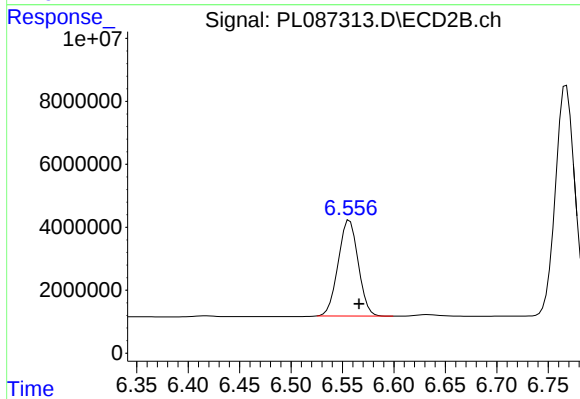
#19 Endosulfan Sulfate

R.T.: 6.262 min
Delta R.T.: -0.009 min
Response: 82509731
Conc: 43.80 ng/ml



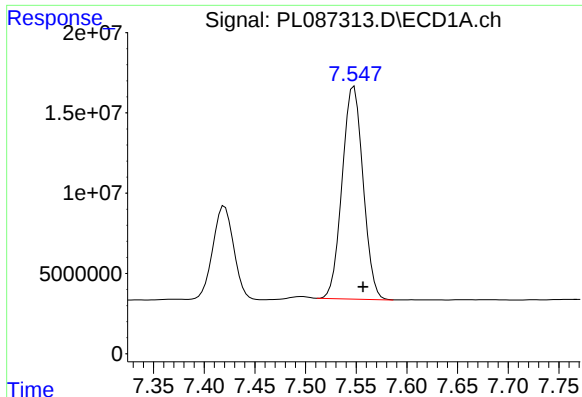
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 83357614
Conc: 42.75 ng/ml



#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: -0.009 min
Response: 41317095
Conc: 40.45 ng/ml



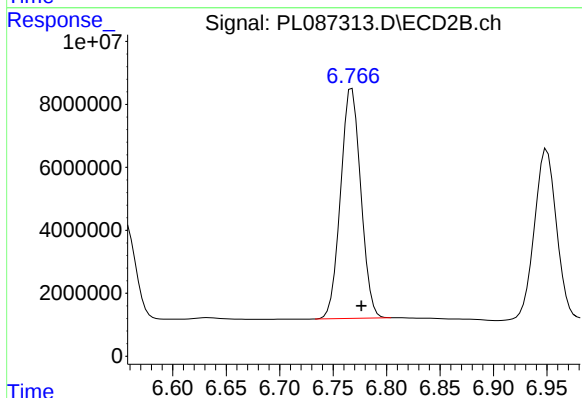
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 190487037
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

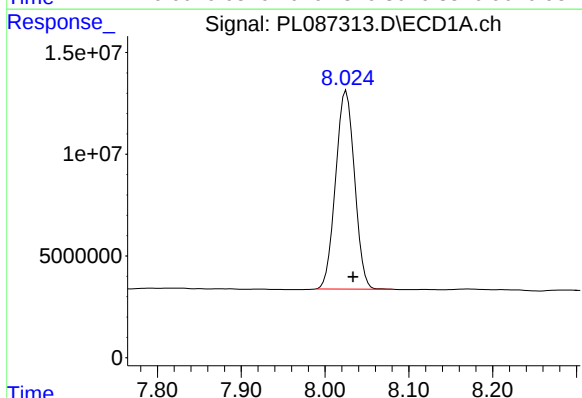
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



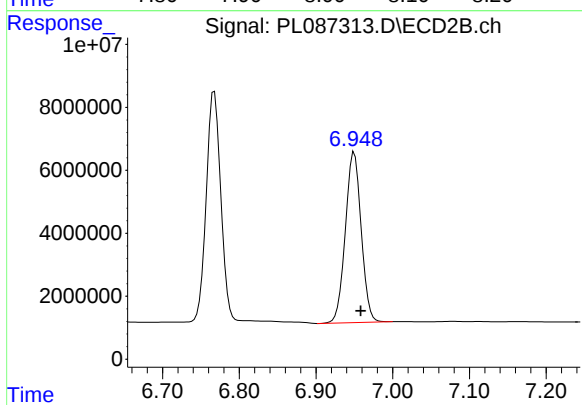
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.010 min
Response: 96118299
Conc: 45.15 ng/ml m



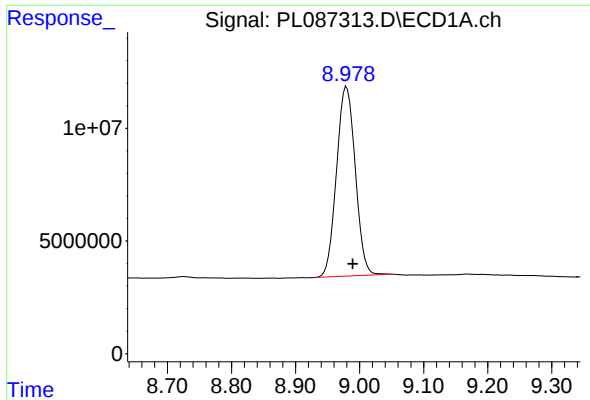
#22 Mirex

R.T.: 8.025 min
Delta R.T.: -0.008 min
Response: 153017417
Conc: 45.43 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.009 min
Response: 78165749
Conc: 43.93 ng/ml



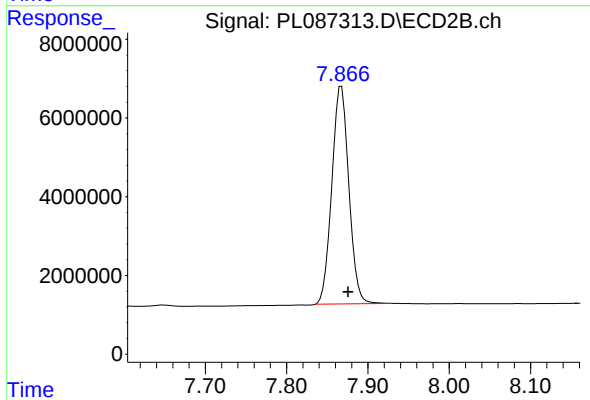
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.010 min
Response: 171187302
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.008 min
Response: 80557013
Conc: 47.70 ng/ml