

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
 Data File : PL087257.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 16:26
 Operator : AR\AJ
 Sample : PB157809BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157809BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/20/2023
 Supervised By : Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 23:48:53 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...	3.431	2.681	75508461	31468560	20.064	18.695
28)	SA Decachlor...	8.994	7.875	67400804	31315808	19.766	18.542
Target Compounds							
2)	A alpha-BHC	3.888	3.186	304.0E6	127.9E6	56.151	52.027
3)	MA gamma-BHC...	4.221	3.517	293.0E6	124.4E6	55.759	51.354
4)	MA Heptachlor	4.814	3.859	280.9E6	120.9E6	52.736	50.571
5)	MB Aldrin	5.157	4.140	261.6E6	119.5E6	50.254	49.826
6)	B beta-BHC	4.421	3.818	116.6E6	50222120	50.761	48.244
7)	B delta-BHC	4.668	4.048	276.2E6	123.8E6	52.826	50.606
8)	B Heptachlo...	5.587	4.648	219.6E6	111.8E6	46.602	50.236
9)	A Endosulfan I	5.974	5.019	216.1E6	97639228	48.391	45.179
10)	B gamma-Chl...	5.846	4.902	229.6E6	107.6E6	47.352	47.052
11)	B alpha-Chl...	5.927	4.966	231.3E6	107.4E6	48.136	46.514
12)	B 4,4'-DDE	6.108	5.164	204.2E6	94840694	49.266	47.766
13)	MA Dieldrin	6.252	5.287	233.9E6	106.2E6	50.398	47.672
14)	MA Endrin	6.483	5.562	192.6E6	93820916	50.051	47.013
15)	B Endosulfa...	6.704	5.861	198.3E6	89386879	49.447	45.910
16)	A 4,4'-DDD	6.628	5.723	165.7E6	77094946	50.140	46.562
17)	MA 4,4'-DDT	6.946	5.977	187.6E6	86565859	49.893	46.936
18)	B Endrin al...	6.834	6.043	150.5E6	72128469	51.941m	49.147
19)	B Endosulfa...	7.072	6.268	191.9E6	85304176	48.879	45.283
20)	A Methoxychlor	7.430	6.563	97999077	46676727	50.258	45.699
21)	B Endrin ke...	7.559	6.774	203.6E6	98245117	50.058	46.153
22)	Mirex	8.036	6.957	169.6E6	81677326	50.360	45.909

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

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 Acq On : 19 Dec 2023 16:26
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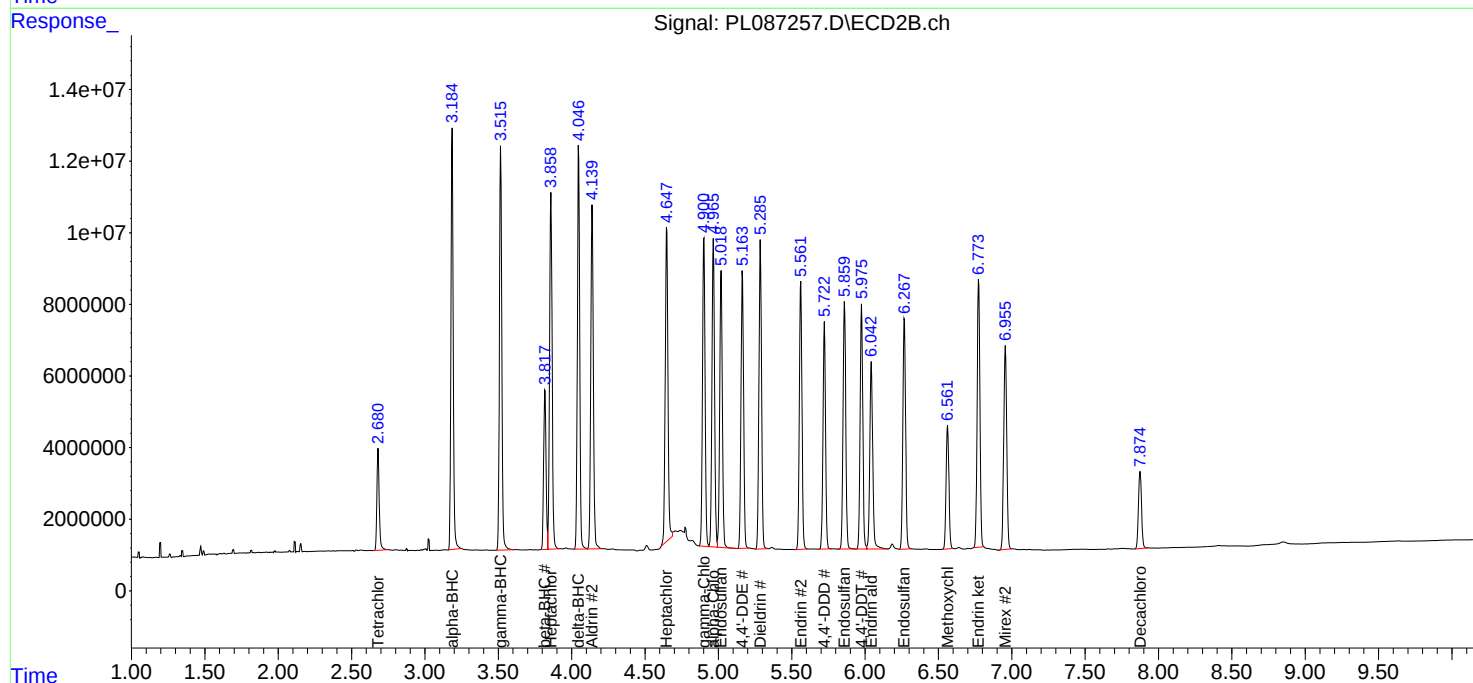
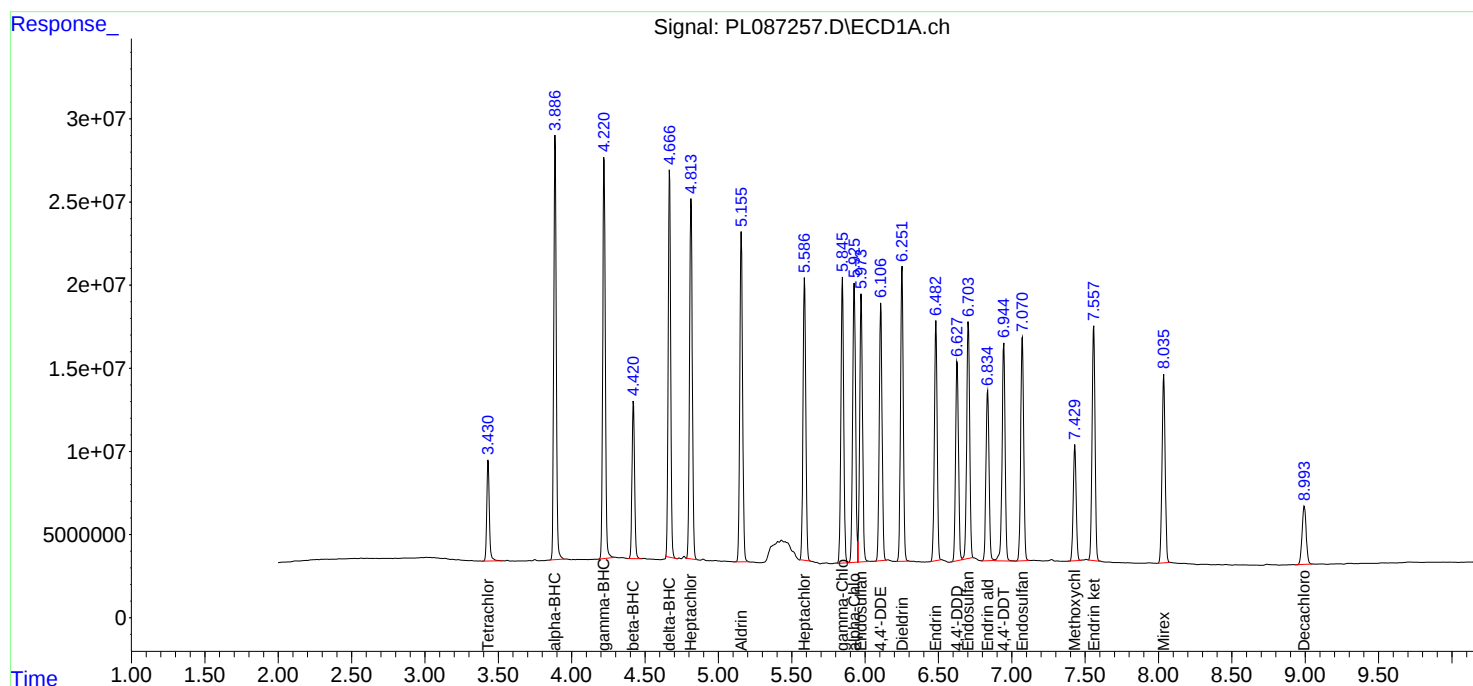
Manual Integrations

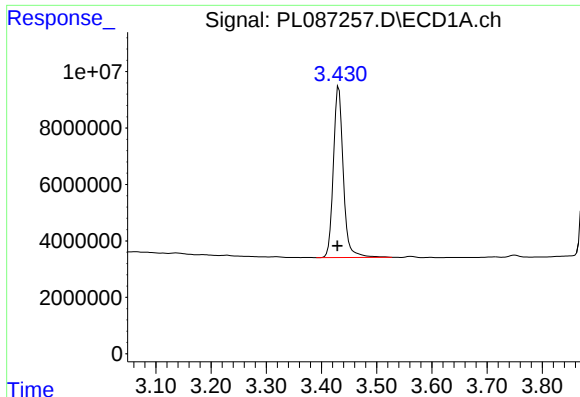
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 Supervised By :Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e
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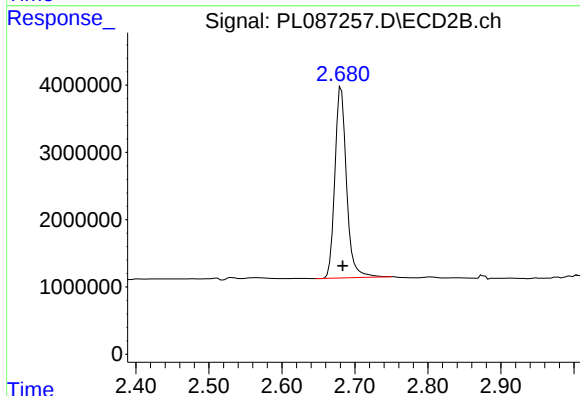
#1 Tetrachloro-m-xylene

R.T.: 3.431 min
Delta R.T.: 0.002 min
Response: 75508461
Conc: 20.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

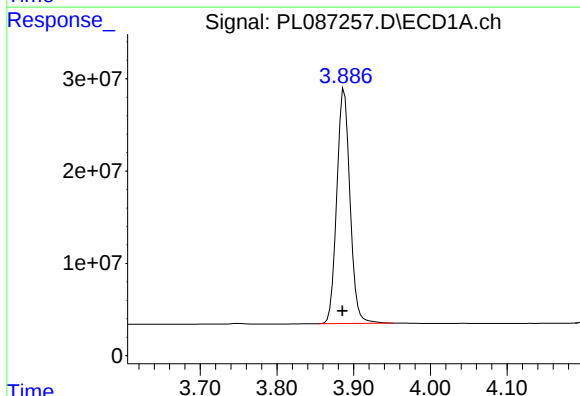
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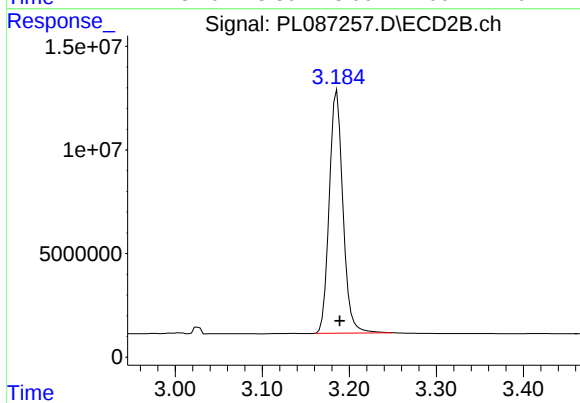
#1 Tetrachloro-m-xylene

R.T.: 2.681 min
Delta R.T.: -0.002 min
Response: 31468560
Conc: 18.69 ng/ml



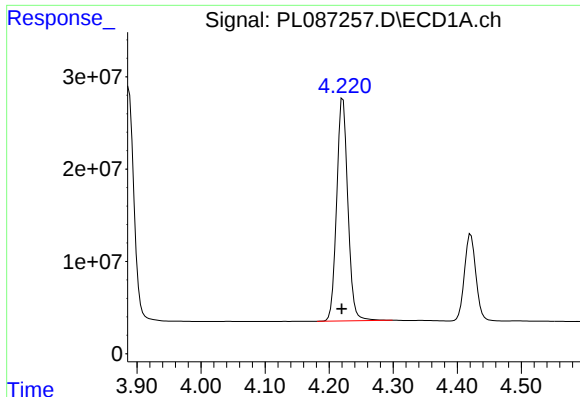
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.002 min
Response: 304007360
Conc: 56.15 ng/ml



#2 alpha-BHC

R.T.: 3.186 min
Delta R.T.: -0.003 min
Response: 127861424
Conc: 52.03 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 293049307
Conc: 55.76 ng/ml

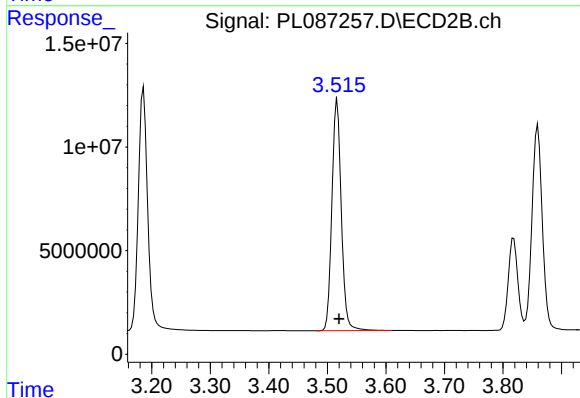
Instrument :

ECD_L

ClientSampleId :
PB157809BS

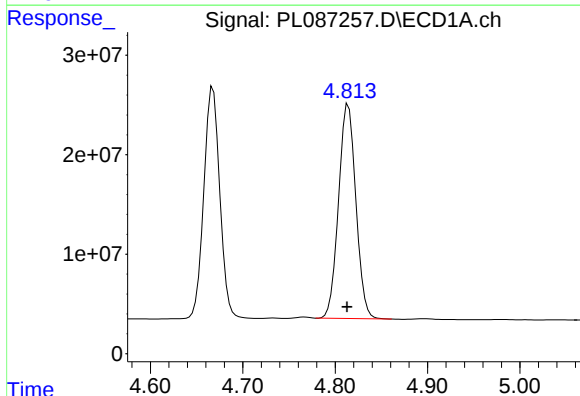
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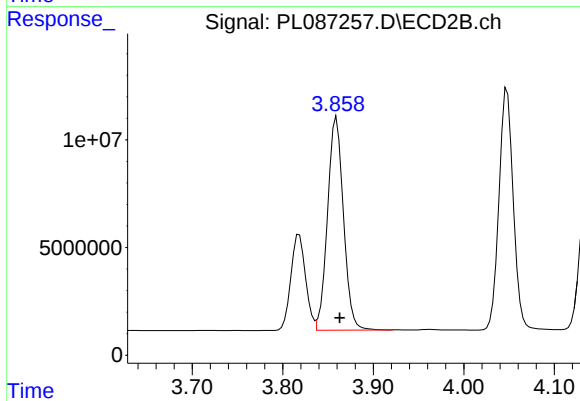
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 124399196
Conc: 51.35 ng/ml



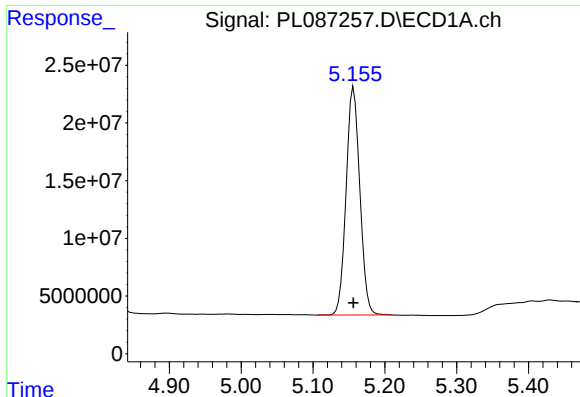
#4 Heptachlor

R.T.: 4.814 min
Delta R.T.: 0.001 min
Response: 280900627
Conc: 52.74 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.004 min
Response: 120879220
Conc: 50.57 ng/ml



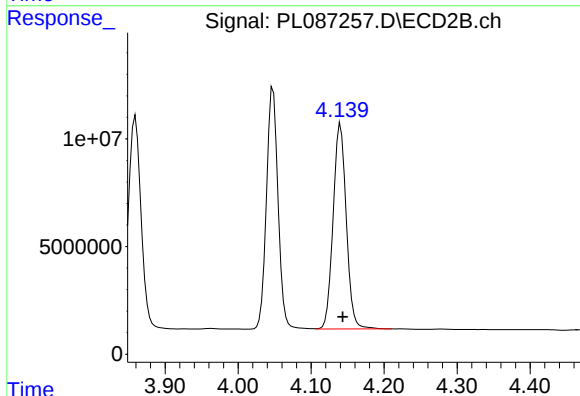
#5 Aldrin

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 261640898
Conc: 50.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

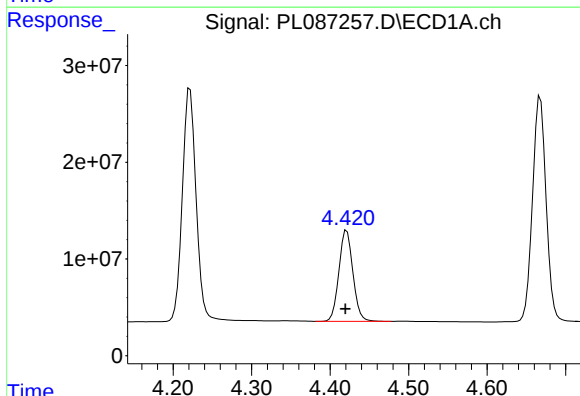
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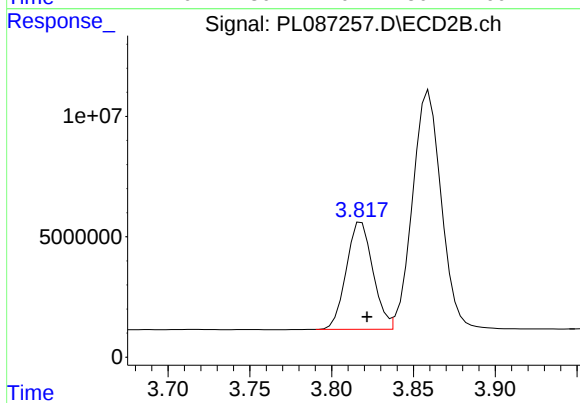
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.003 min
Response: 119471653
Conc: 49.83 ng/ml



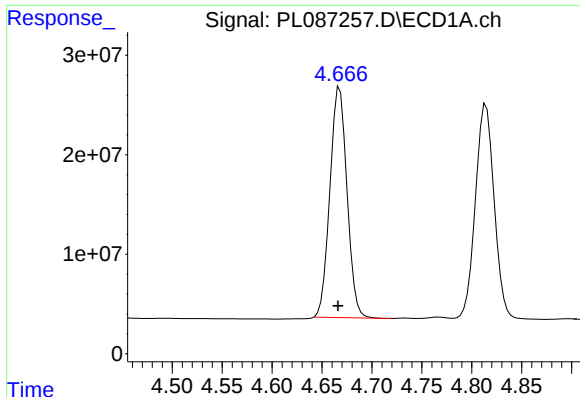
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.002 min
Response: 116586265
Conc: 50.76 ng/ml



#6 beta-BHC

R.T.: 3.818 min
Delta R.T.: -0.003 min
Response: 50222120
Conc: 48.24 ng/ml



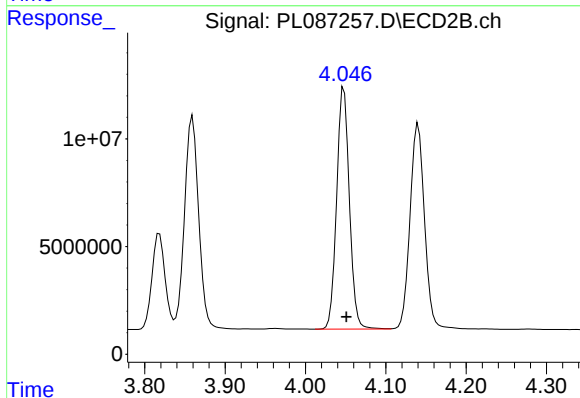
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.002 min
Response: 276247669
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

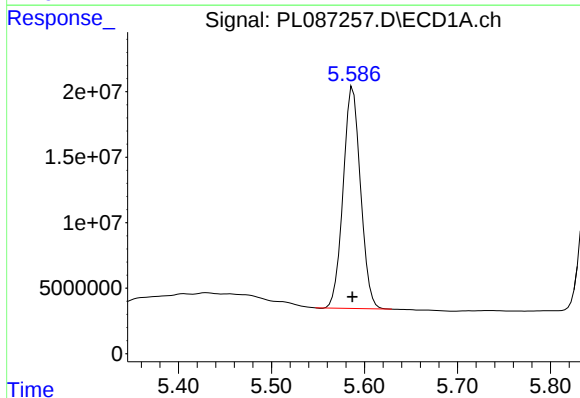
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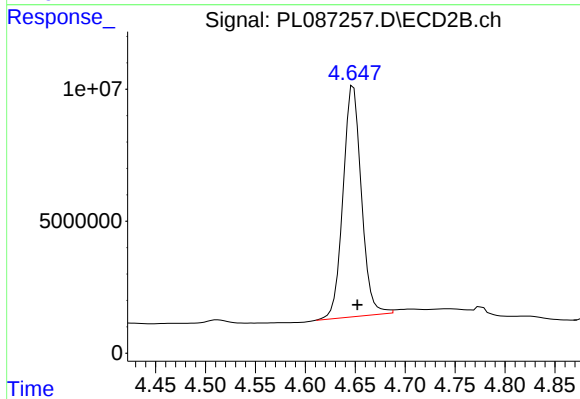
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 123791619
Conc: 50.61 ng/ml



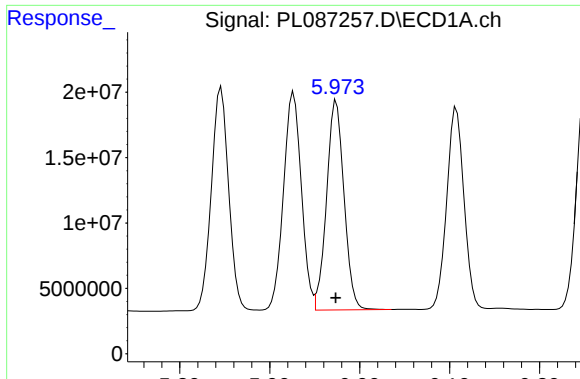
#8 Heptachlor epoxide

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 219627663
Conc: 46.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.004 min
Response: 111791558
Conc: 50.24 ng/ml



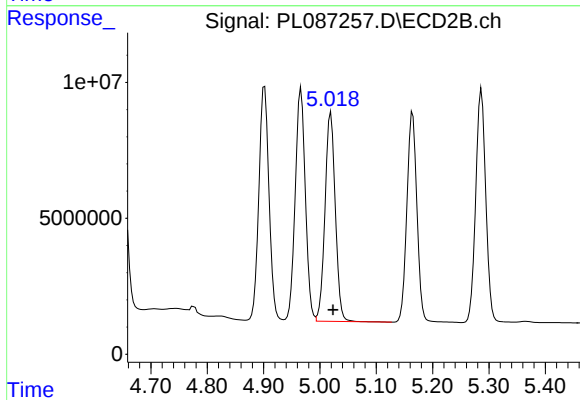
#9 Endosulfan I

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 216127817
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

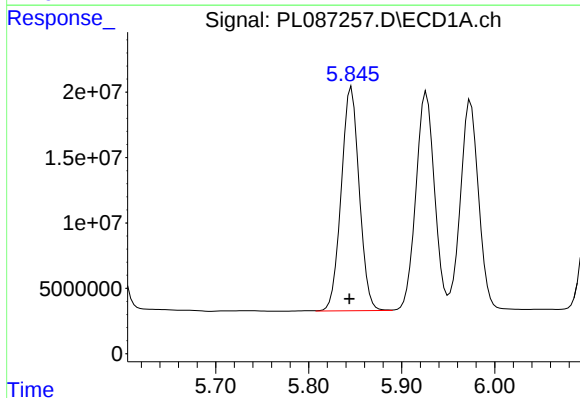
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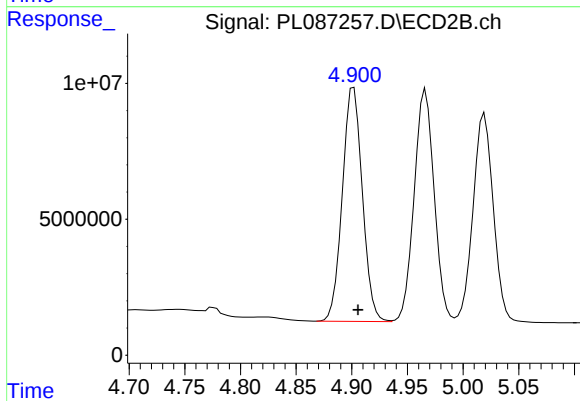
#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 97639228
Conc: 45.18 ng/ml



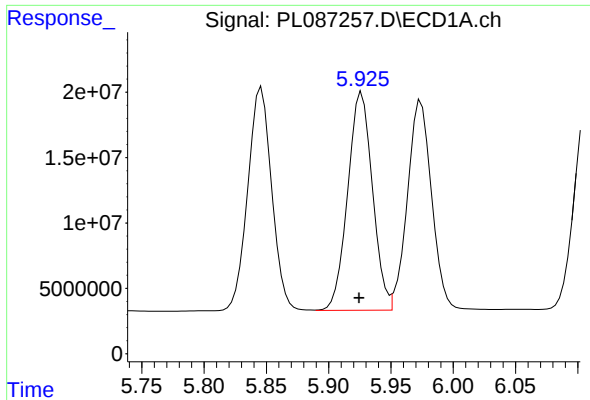
#10 gamma-Chlordane

R.T.: 5.846 min
Delta R.T.: 0.002 min
Response: 229562171
Conc: 47.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.902 min
Delta R.T.: -0.004 min
Response: 107622995
Conc: 47.05 ng/ml



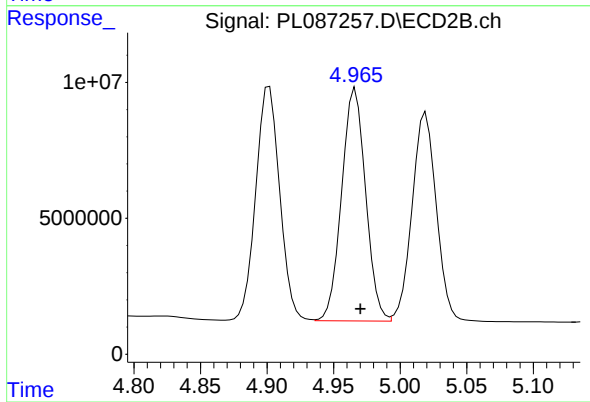
#11 alpha-Chlordane

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 231349623
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

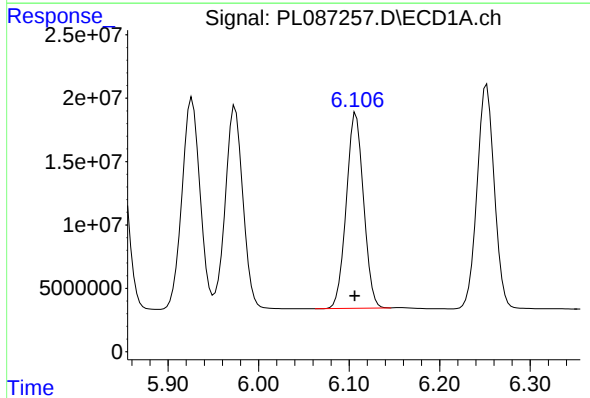
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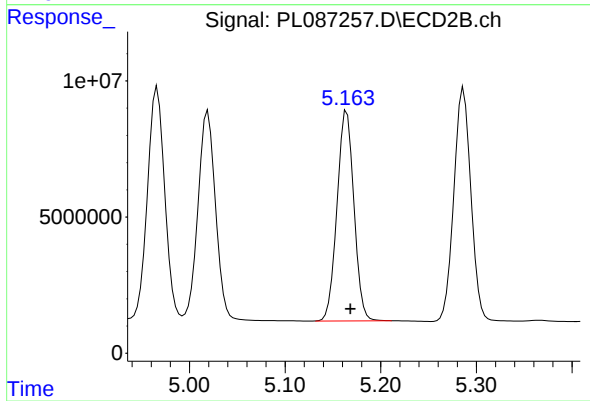
#11 alpha-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.004 min
Response: 107354841
Conc: 46.51 ng/ml



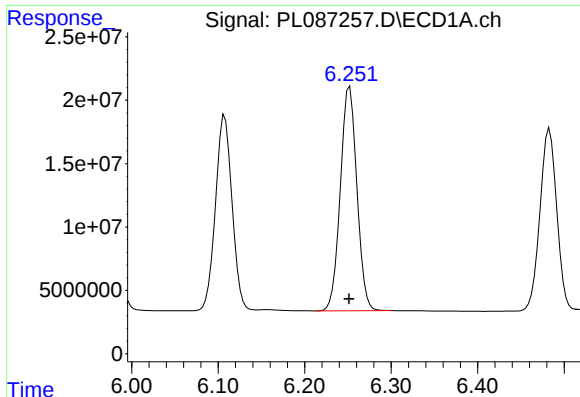
#12 4,4'-DDE

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 204160008
Conc: 49.27 ng/ml



#12 4,4'-DDE

R.T.: 5.164 min
Delta R.T.: -0.004 min
Response: 94840694
Conc: 47.77 ng/ml



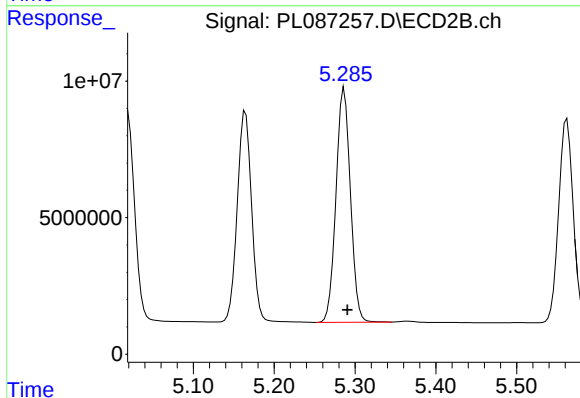
#13 Dieldrin

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 233894089
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

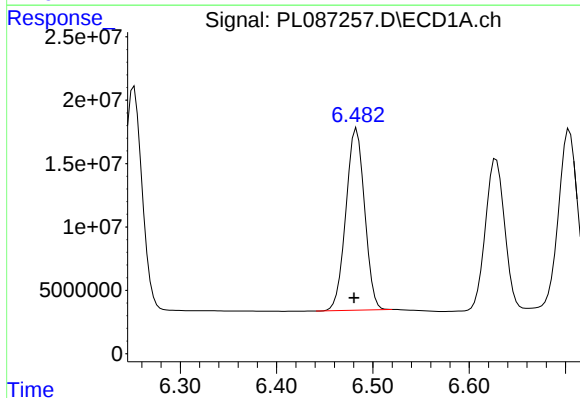
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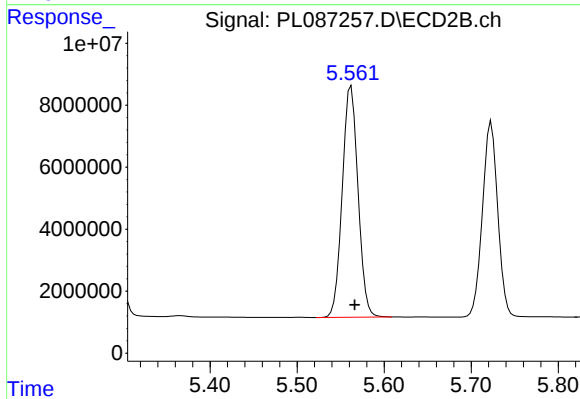
#13 Dieldrin

R.T.: 5.287 min
Delta R.T.: -0.004 min
Response: 106202752
Conc: 47.67 ng/ml



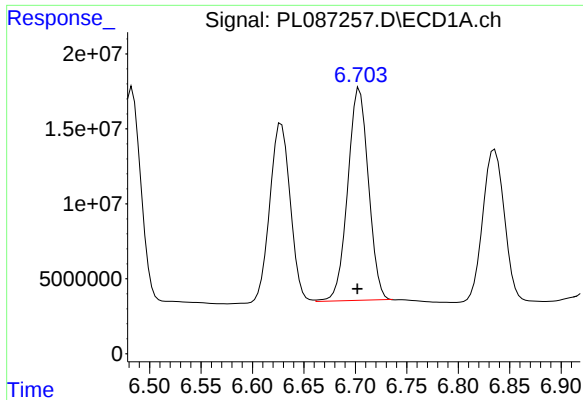
#14 Endrin

R.T.: 6.483 min
Delta R.T.: 0.003 min
Response: 192564796
Conc: 50.05 ng/ml



#14 Endrin

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 93820916
Conc: 47.01 ng/ml



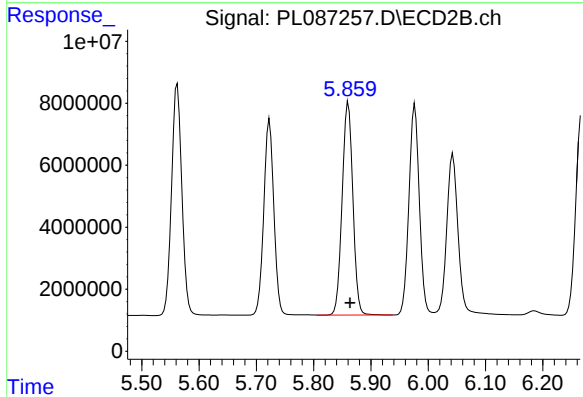
#15 Endosulfan II

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 198302404
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

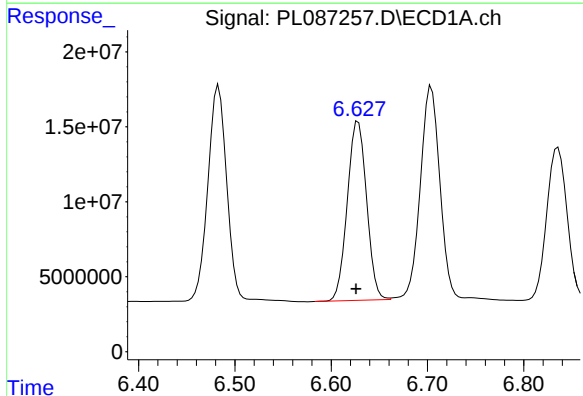
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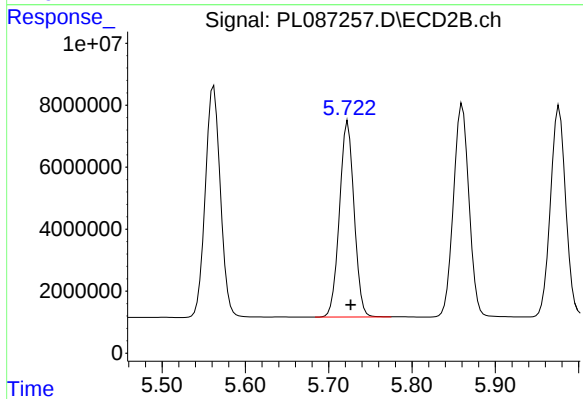
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: -0.003 min
Response: 89386879
Conc: 45.91 ng/ml



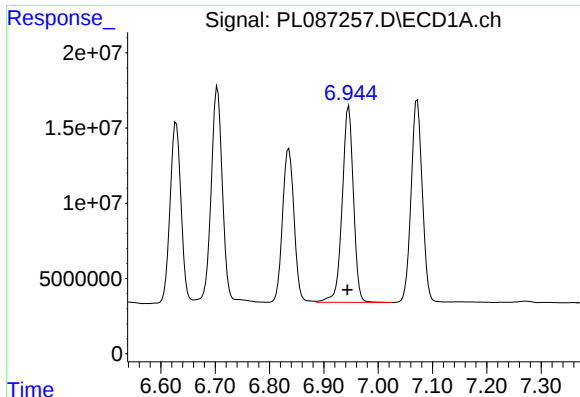
#16 4,4'-DDD

R.T.: 6.628 min
Delta R.T.: 0.002 min
Response: 165716841
Conc: 50.14 ng/ml



#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: -0.004 min
Response: 77094946
Conc: 46.56 ng/ml



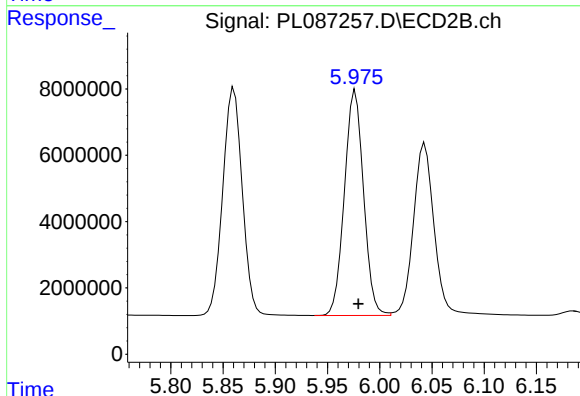
#17 4,4'-DDT

R.T.: 6.946 min
Delta R.T.: 0.003 min
Response: 187608059
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

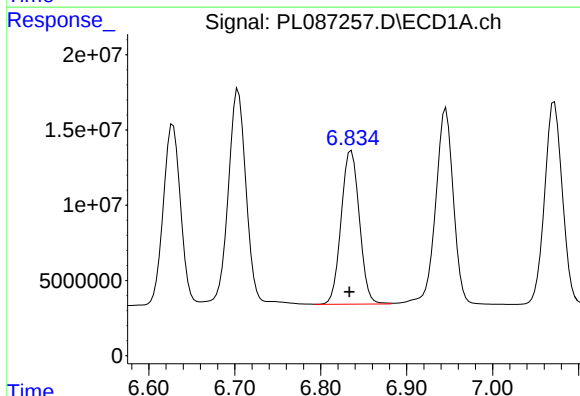
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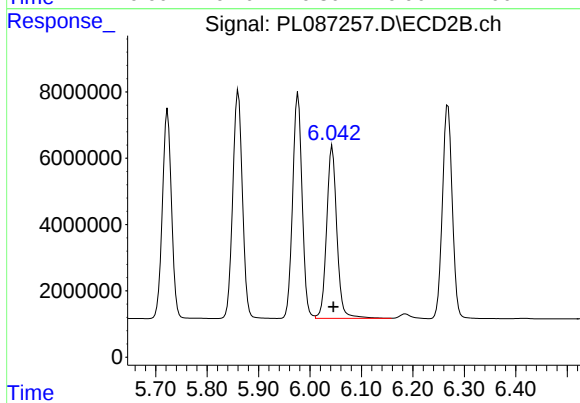
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 86565859
Conc: 46.94 ng/ml



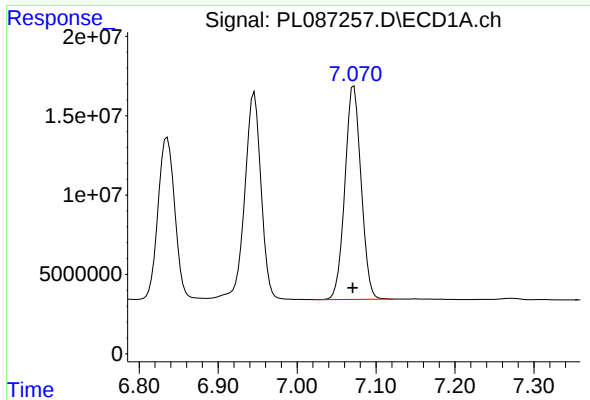
#18 Endrin aldehyde

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 150543679
Conc: 51.94 ng/ml m



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 72128469
Conc: 49.15 ng/ml



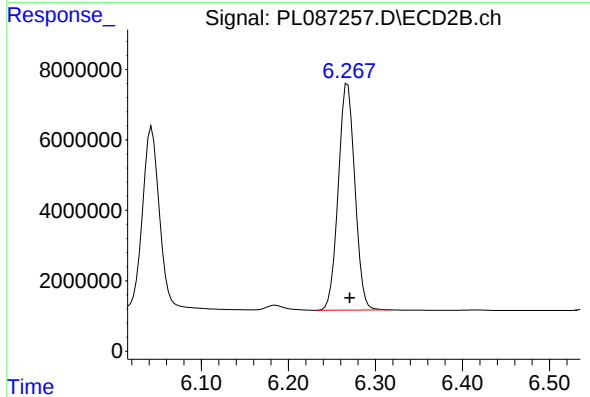
#19 Endosulfan Sulfate

R.T.: 7.072 min
Delta R.T.: 0.002 min
Response: 191940954
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

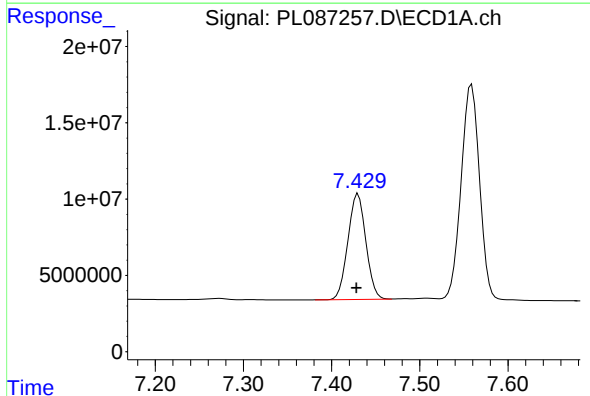
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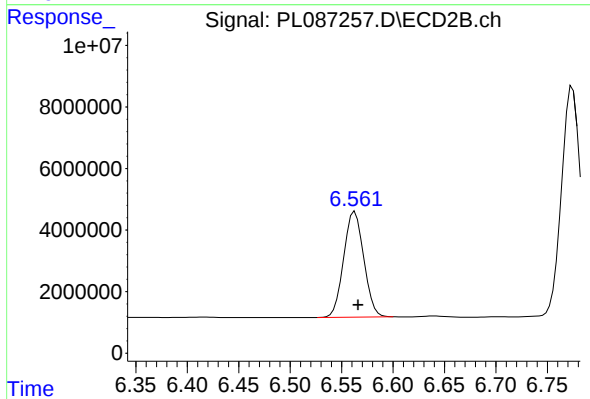
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: -0.002 min
Response: 85304176
Conc: 45.28 ng/ml



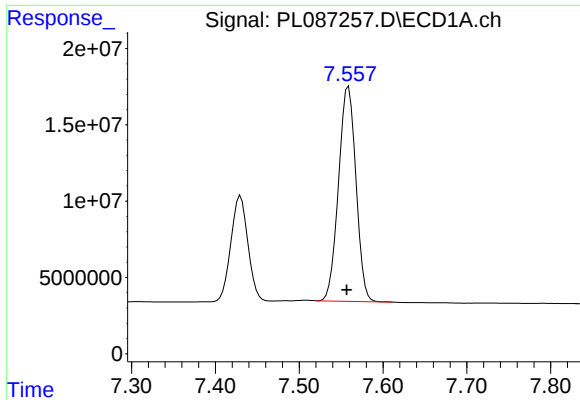
#20 Methoxychlor

R.T.: 7.430 min
Delta R.T.: 0.002 min
Response: 97999077
Conc: 50.26 ng/ml



#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 46676727
Conc: 45.70 ng/ml



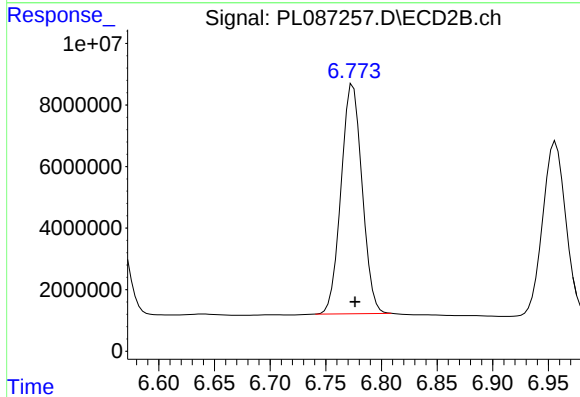
#21 Endrin ketone

R.T.: 7.559 min
Delta R.T.: 0.002 min
Response: 203648597
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

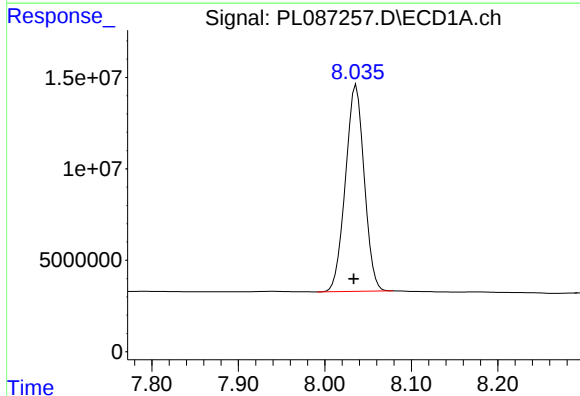
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2023
Supervised By :Ankita Jodhani 12/20/2023



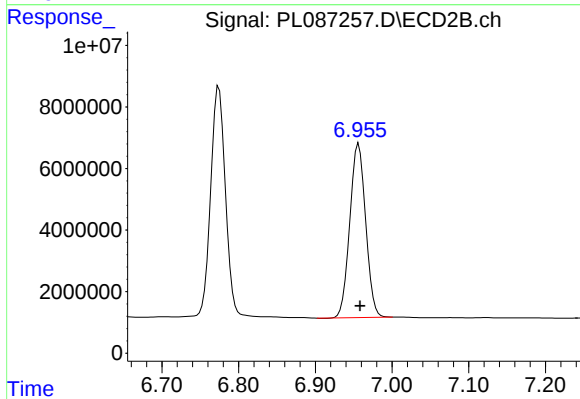
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 98245117
Conc: 46.15 ng/ml



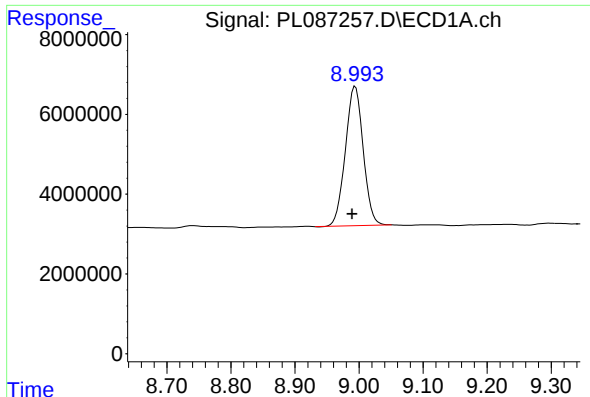
#22 Mirex

R.T.: 8.036 min
Delta R.T.: 0.003 min
Response: 169613105
Conc: 50.36 ng/ml



#22 Mirex

R.T.: 6.957 min
Delta R.T.: -0.002 min
Response: 81677326
Conc: 45.91 ng/ml



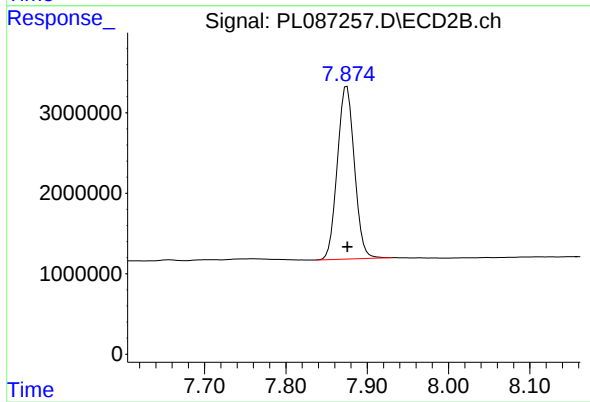
#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.005 min
Response: 67400804
Conc: 19.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2023
Supervised By :Ankita Jodhani 12/20/2023



#28 Decachlorobiphenyl

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 31315808
Conc: 18.54 ng/ml