

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
 Data File : PL087207.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2023 11:46
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 00:27:39 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...	3.426	2.682	213.9E6	91850037	56.826	54.566
28)	SA Decachlor...	8.984	7.875	151.5E6	67782026	44.428	40.133
Target Compounds							
2)	A alpha-BHC	3.884	3.187	309.2E6	136.6E6	57.110	55.575
3)	MA gamma-BHC...	4.217	3.518	280.8E6	130.3E6	53.436	53.782
4)	MA Heptachlor	4.809	3.861	257.5E6	124.5E6	48.342	52.066
5)	MB Aldrin	5.153	4.142	266.0E6	122.1E6	51.099	50.934
6)	B beta-BHC	4.416	3.820	113.0E6	53892256	49.215	51.770
7)	B delta-BHC	4.662	4.049	255.3E6	129.3E6	48.815m	52.848
8)	B Heptachlo...	5.583	4.649	243.3E6	107.8E6	51.628	48.438
9)	A Endosulfan I	5.969	5.021	221.6E6	97480799	49.622	45.106
10)	B gamma-Chl...	5.841	4.903	244.3E6	107.7E6	50.394	47.066
11)	B alpha-Chl...	5.921	4.968	238.8E6	105.9E6	49.682	45.883
12)	B 4,4'-DDE	6.102	5.166	207.5E6	93865452	50.075	47.275
13)	MA Dieldrin	6.247	5.289	229.7E6	103.9E6	49.502	46.622
14)	MA Endrin	6.477	5.563	185.9E6	89161195	48.307	44.678
15)	B Endosulfa...	6.698	5.861	185.2E6	82729054	46.187	42.490
16)	A 4,4'-DDD	6.622	5.724	162.7E6	73118490	49.231	44.160
17)	MA 4,4'-DDT	6.939	5.978	173.9E6	81972510	46.248	44.446
18)	B Endrin al...	6.830	6.044	135.1E6	64071975	46.600	43.657
19)	B Endosulfa...	7.067	6.269	175.8E6	81938867	44.777	43.496
20)	A Methoxychlor	7.424	6.564	83106859	42535879	42.621	41.645
21)	B Endrin ke...	7.553	6.774	175.4E6	93844019	43.116	44.085
22)	Mirex	8.030	6.957	139.7E6	73433597	41.493	41.275

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
Data File : PL087207.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2023 11:46
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

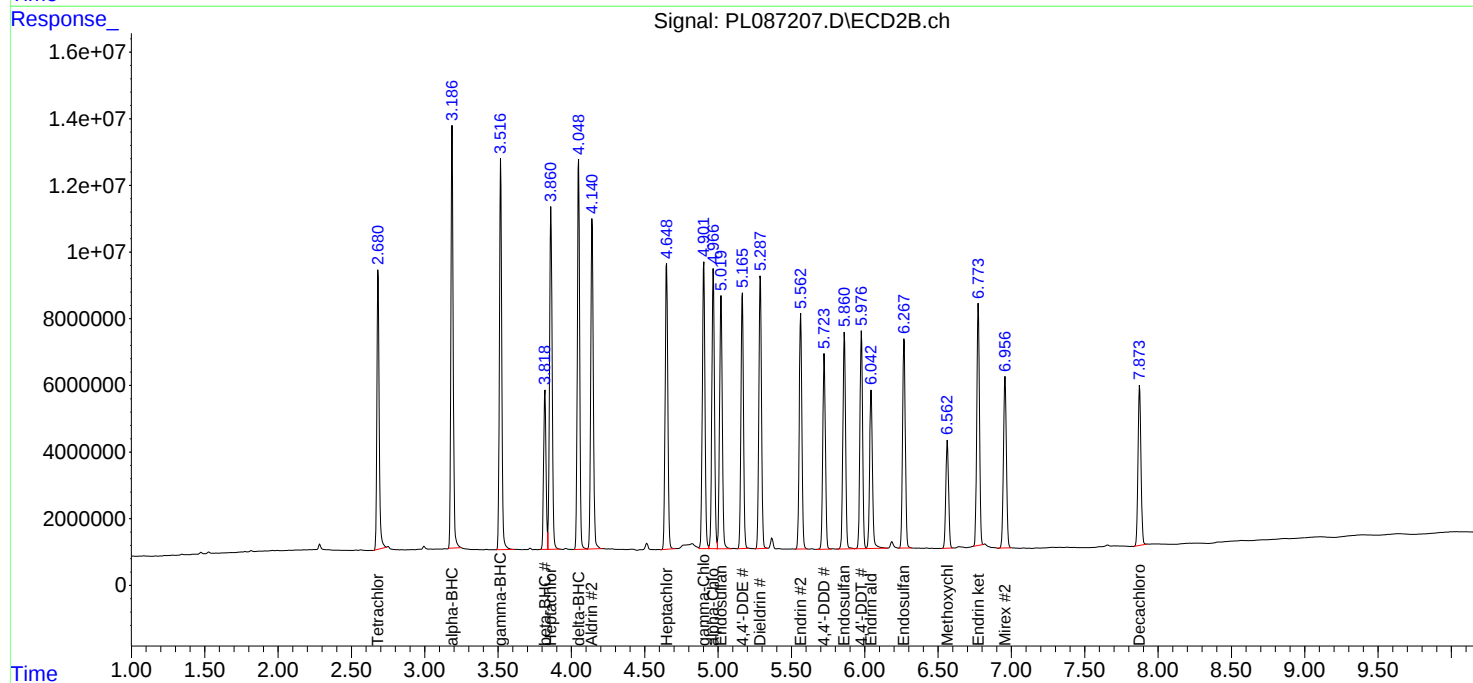
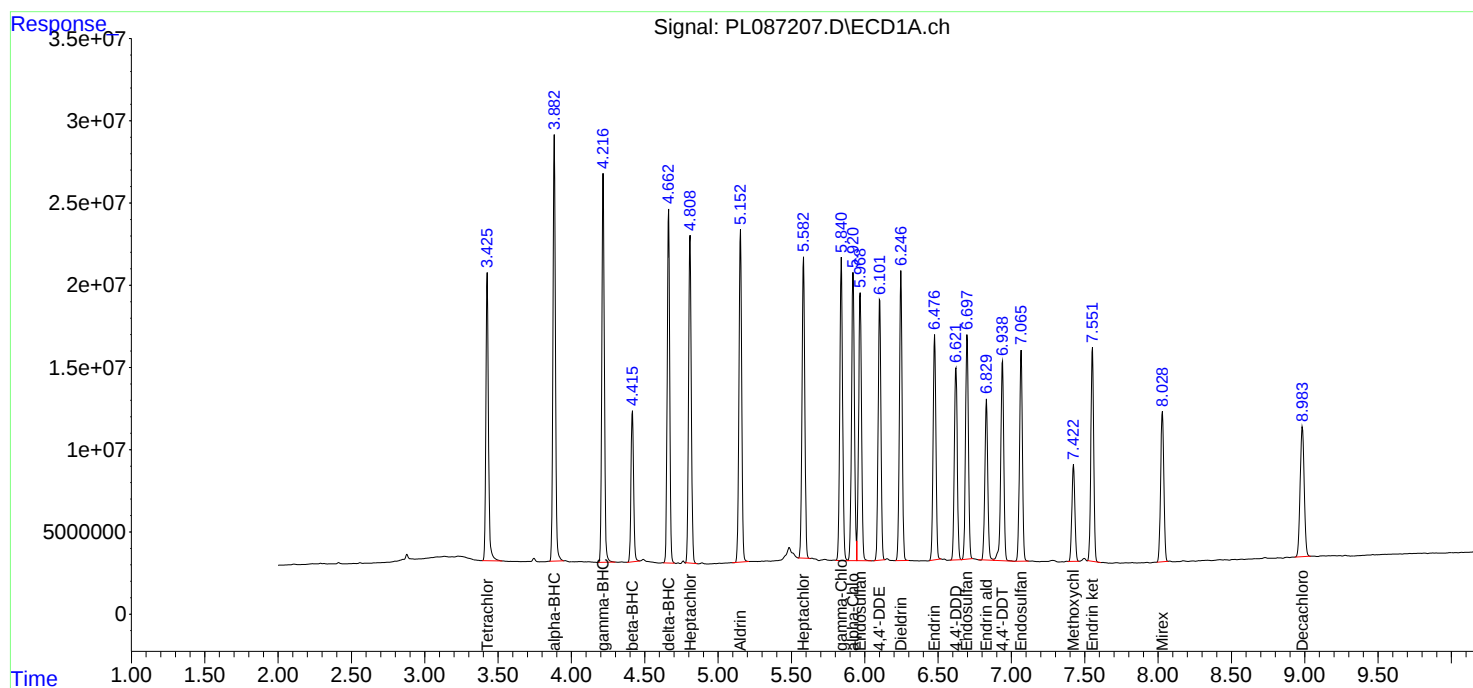
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

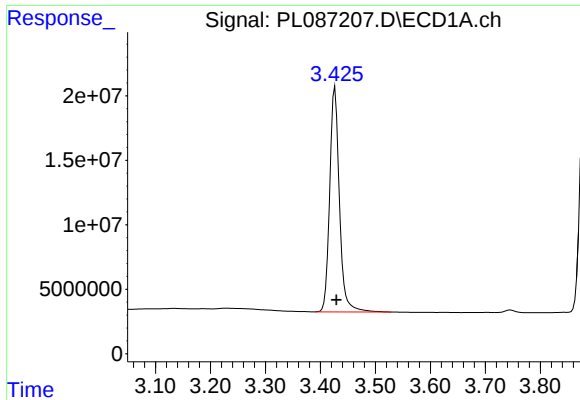
Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 18 00:27:39 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





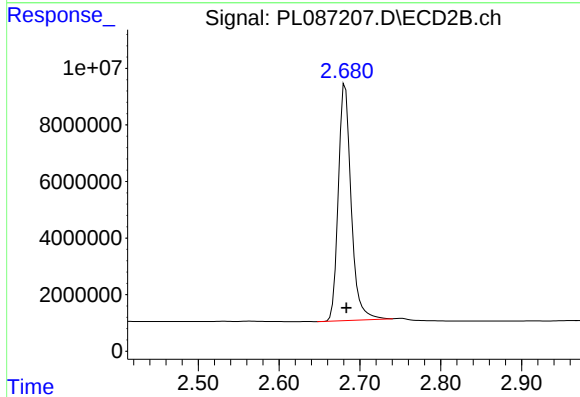
#1 Tetrachloro-m-xylene

R.T.: 3.426 min
Delta R.T.: -0.003 min
Response: 213861409
Conc: 56.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

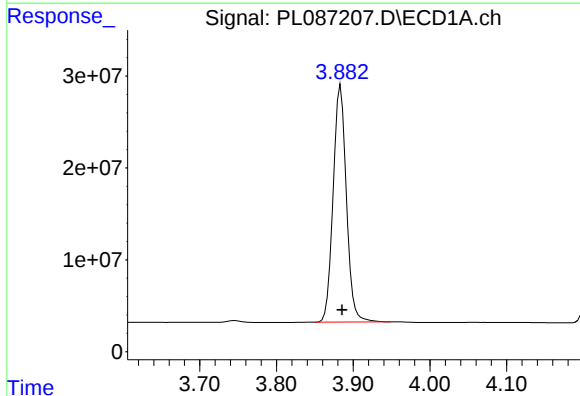
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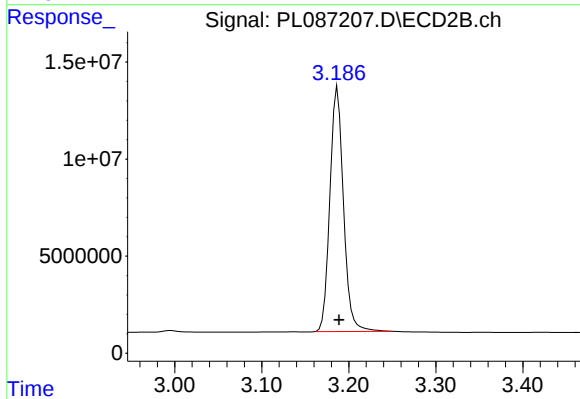
#1 Tetrachloro-m-xylene

R.T.: 2.682 min
Delta R.T.: -0.002 min
Response: 91850037
Conc: 54.57 ng/ml



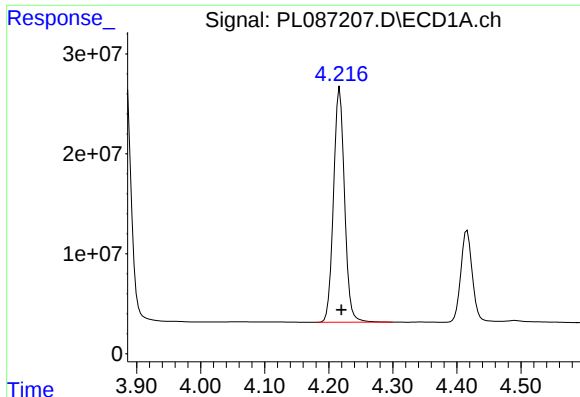
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: -0.002 min
Response: 309200401
Conc: 57.11 ng/ml



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.002 min
Response: 136581501
Conc: 55.58 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: -0.003 min
Response: 280840448
Conc: 53.44 ng/ml

Instrument :

ECD_L

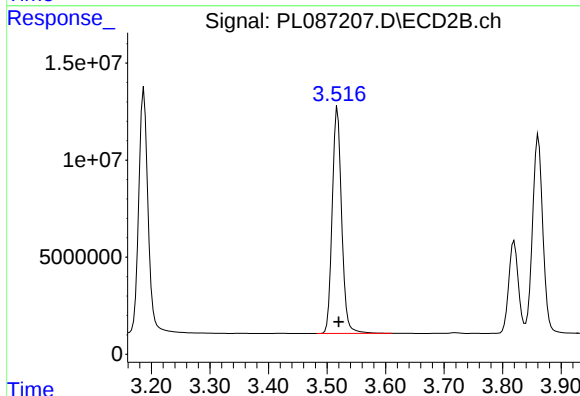
ClientSampleId :

PSTDCCC050

Manual Integrations

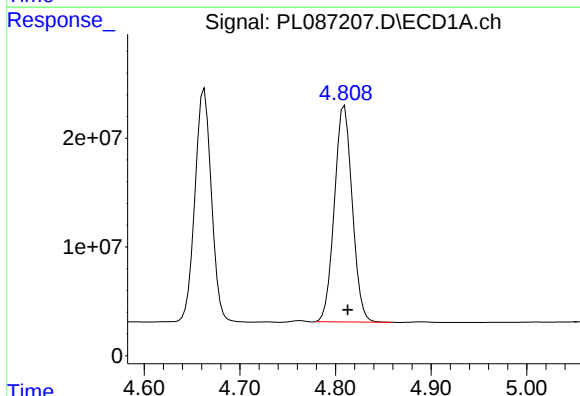
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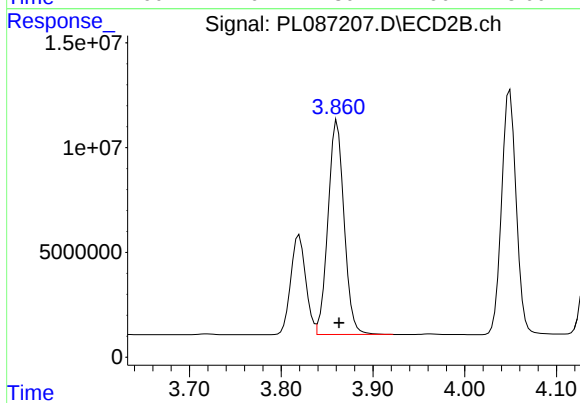
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 130280695
Conc: 53.78 ng/ml



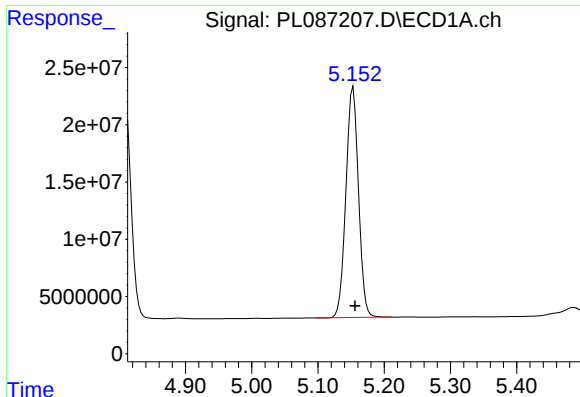
#4 Heptachlor

R.T.: 4.809 min
Delta R.T.: -0.003 min
Response: 257495824
Conc: 48.34 ng/ml



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.002 min
Response: 124454081
Conc: 52.07 ng/ml



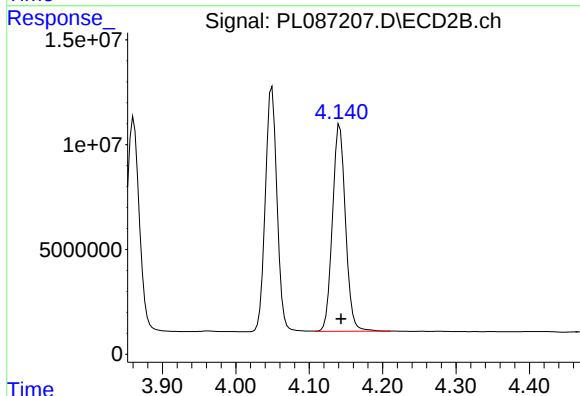
#5 Aldrin

R.T.: 5.153 min
Delta R.T.: -0.003 min
Response: 266041458
Conc: 51.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

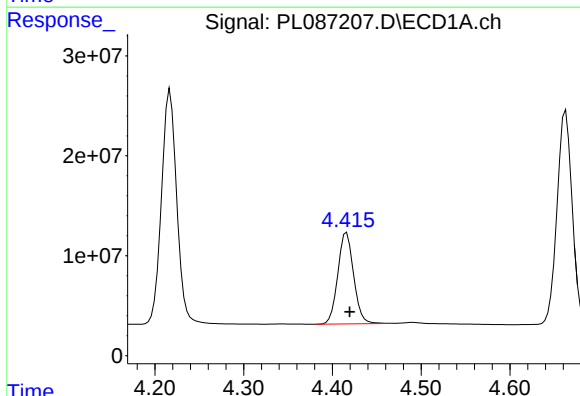
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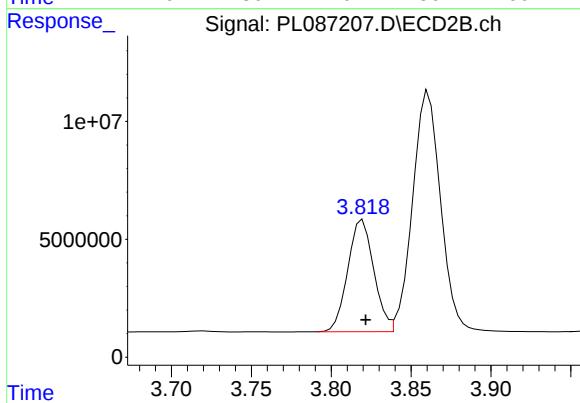
#5 Aldrin

R.T.: 4.142 min
Delta R.T.: -0.002 min
Response: 122126170
Conc: 50.93 ng/ml



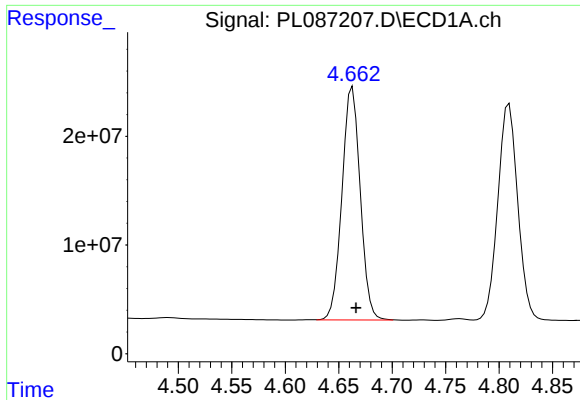
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: -0.003 min
Response: 113035364
Conc: 49.21 ng/ml



#6 beta-BHC

R.T.: 3.820 min
Delta R.T.: -0.002 min
Response: 53892256
Conc: 51.77 ng/ml



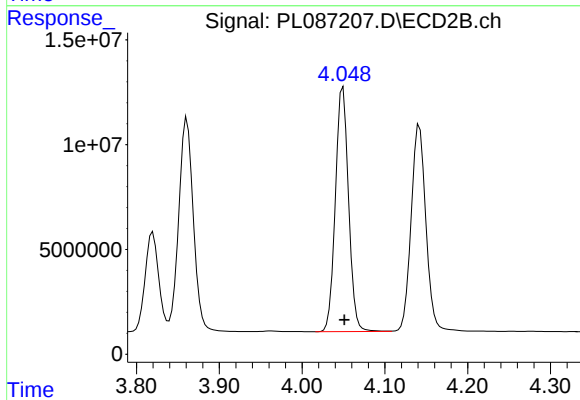
#7 delta-BHC

R.T.: 4.662 min
Delta R.T.: -0.005 min
Response: 255271241
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

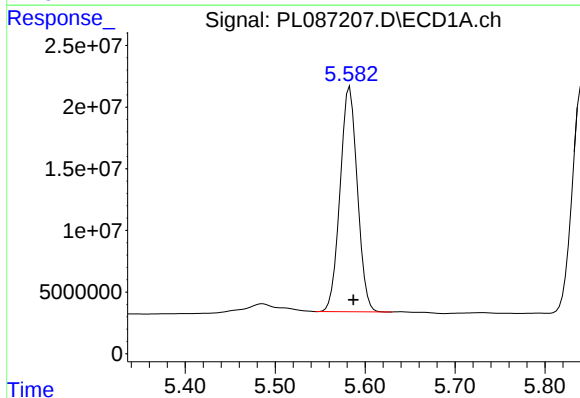
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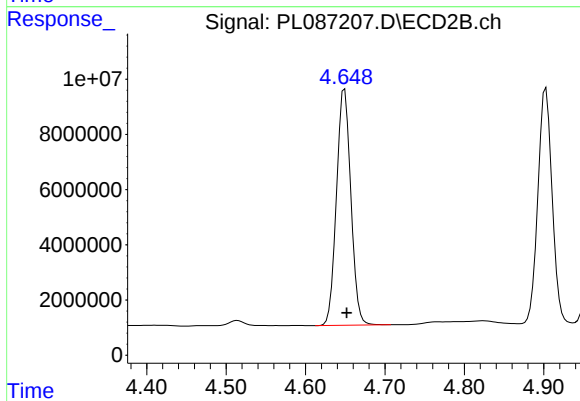
#7 delta-BHC

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 129276814
Conc: 52.85 ng/ml



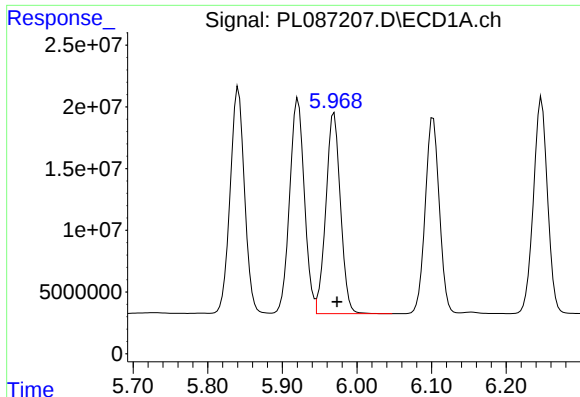
#8 Heptachlor epoxide

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 243314871
Conc: 51.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 107788988
Conc: 48.44 ng/ml



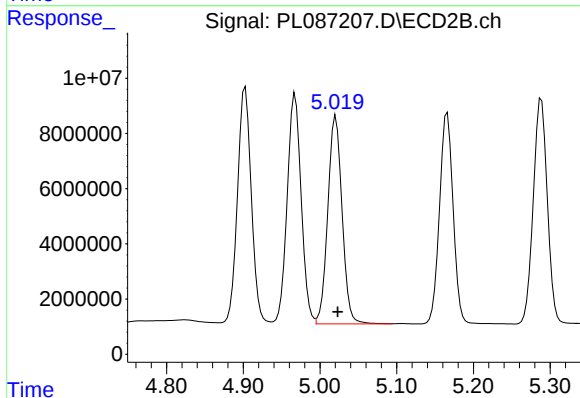
#9 Endosulfan I

R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 221627816
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

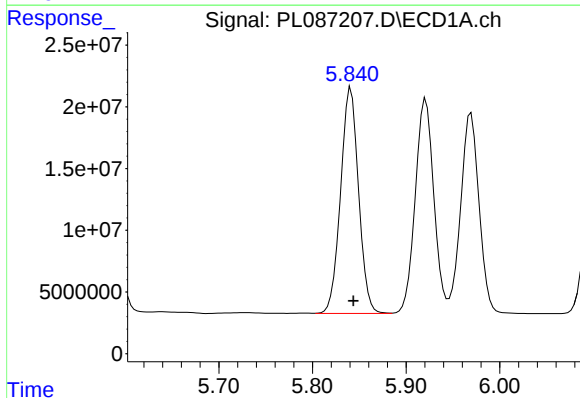
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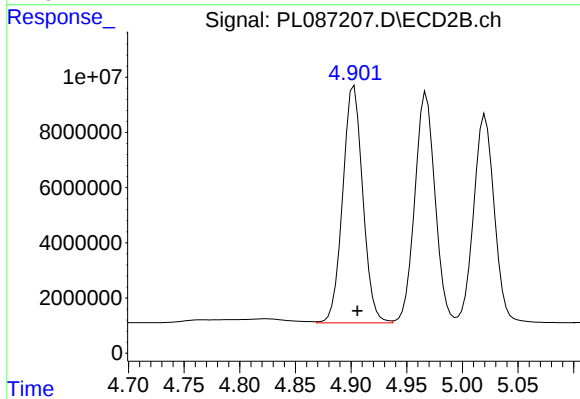
#9 Endosulfan I

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 97480799
Conc: 45.11 ng/ml



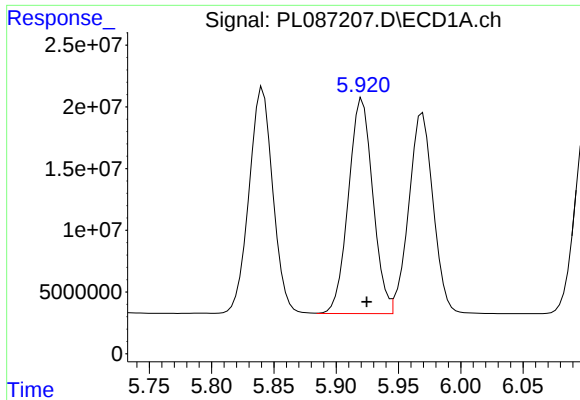
#10 gamma-Chlordane

R.T.: 5.841 min
Delta R.T.: -0.003 min
Response: 244309608
Conc: 50.39 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 107655156
Conc: 47.07 ng/ml



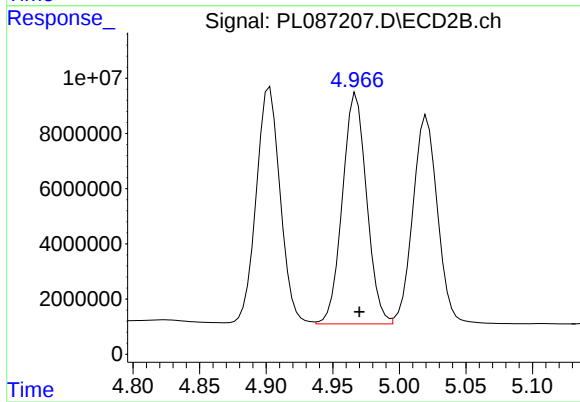
#11 alpha-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 238777613
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

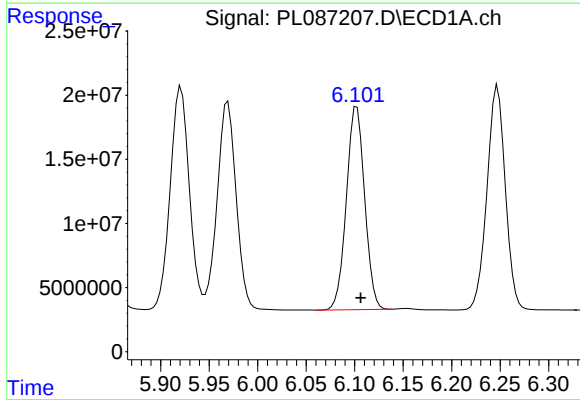
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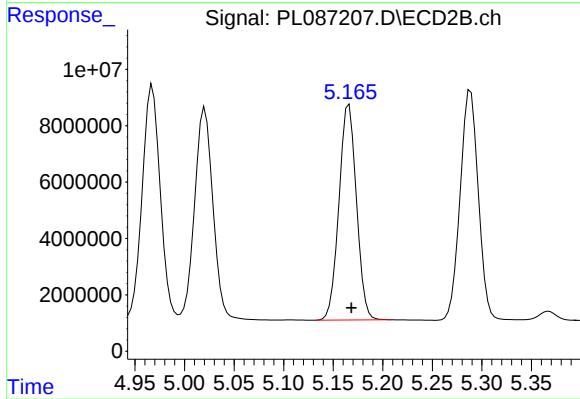
#11 alpha-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.002 min
Response: 105898906
Conc: 45.88 ng/ml



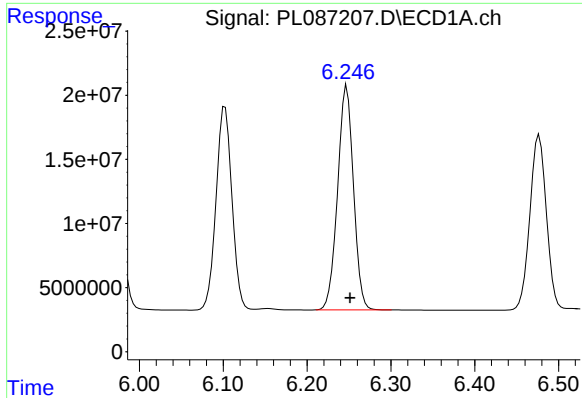
#12 4,4'-DDE

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 207511745
Conc: 50.07 ng/ml



#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 93865452
Conc: 47.27 ng/ml



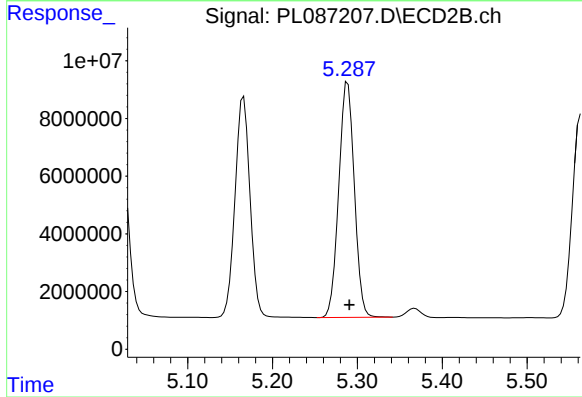
#13 Dieldrin

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 229733306
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

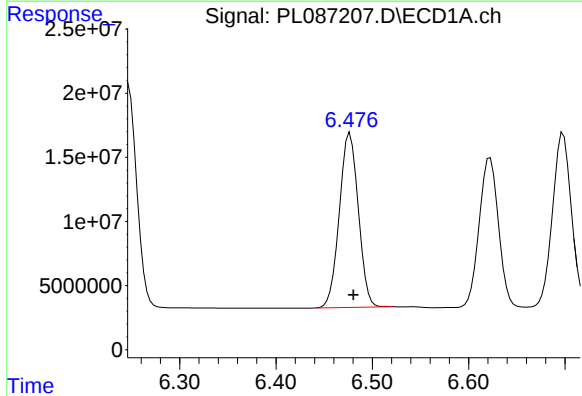
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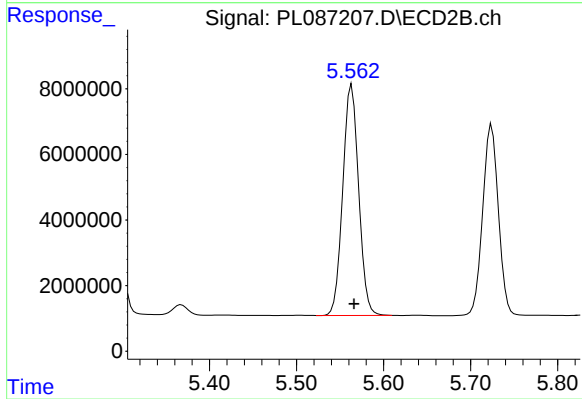
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: -0.002 min
Response: 103862925
Conc: 46.62 ng/ml



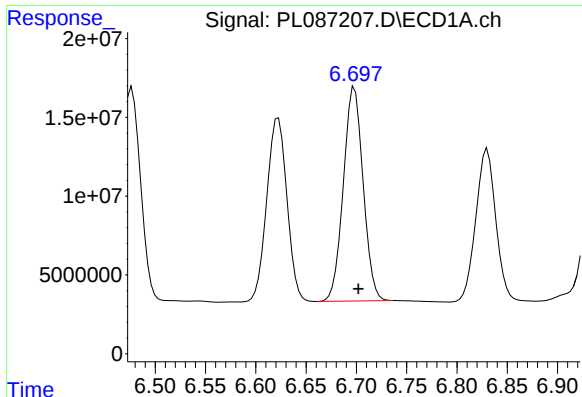
#14 Endrin

R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 185853218
Conc: 48.31 ng/ml



#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 89161195
Conc: 44.68 ng/ml



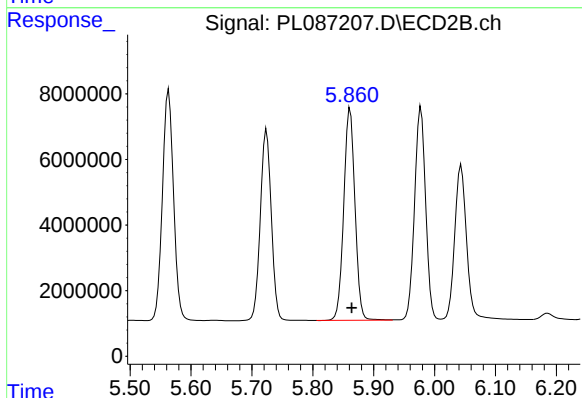
#15 Endosulfan II

R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 185226404
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

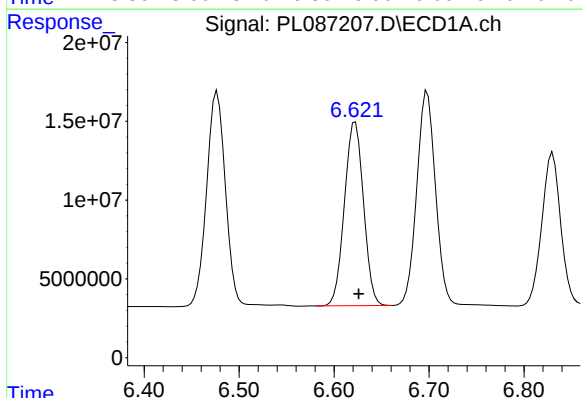
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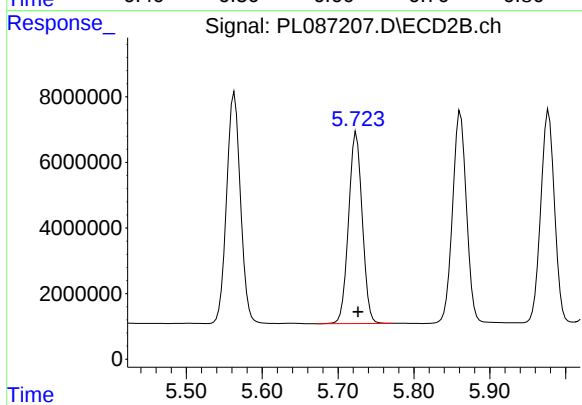
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 82729054
Conc: 42.49 ng/ml



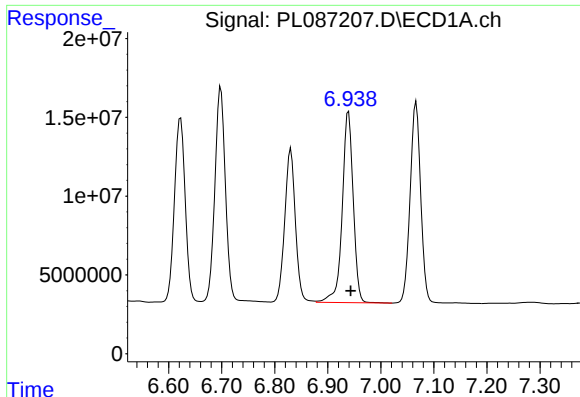
#16 4,4'-DDD

R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 162714887
Conc: 49.23 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 73118490
Conc: 44.16 ng/ml



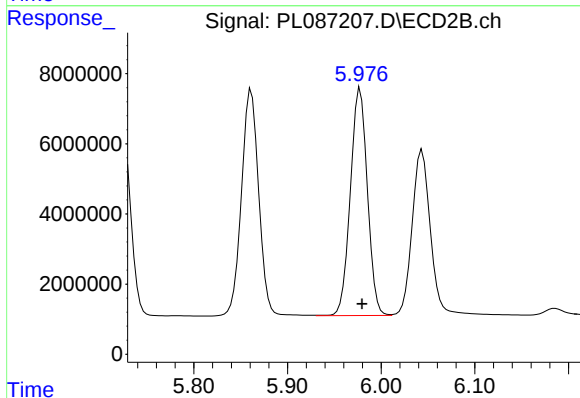
#17 4,4'-DDT

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 173901982
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

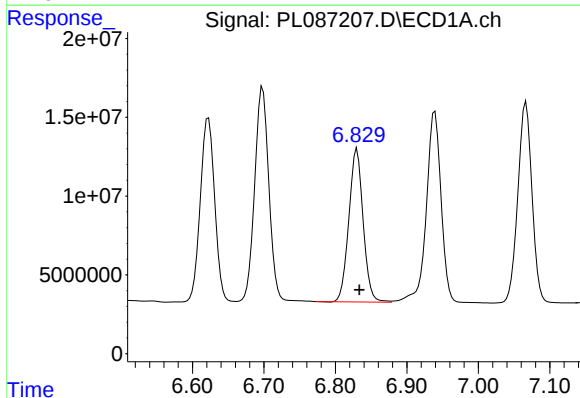
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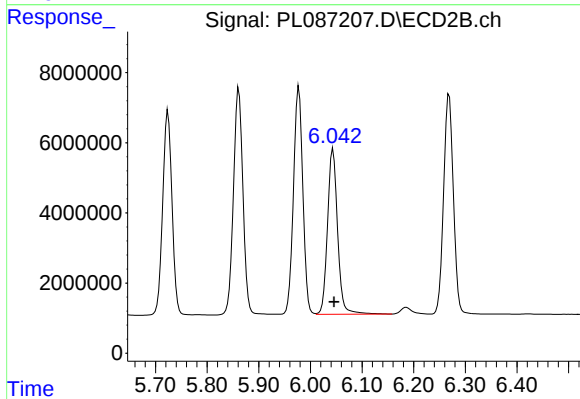
#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: -0.002 min
Response: 81972510
Conc: 44.45 ng/ml



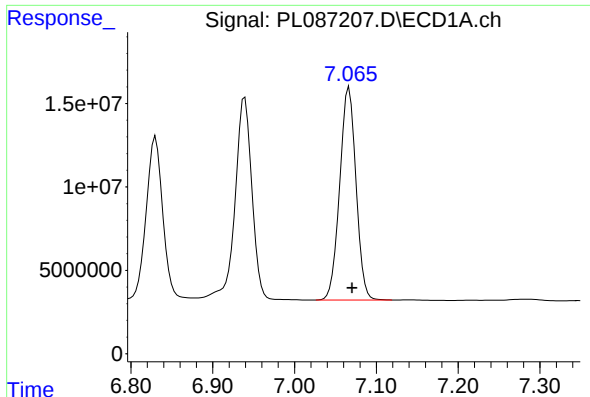
#18 Endrin aldehyde

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 135063059
Conc: 46.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 64071975
Conc: 43.66 ng/ml



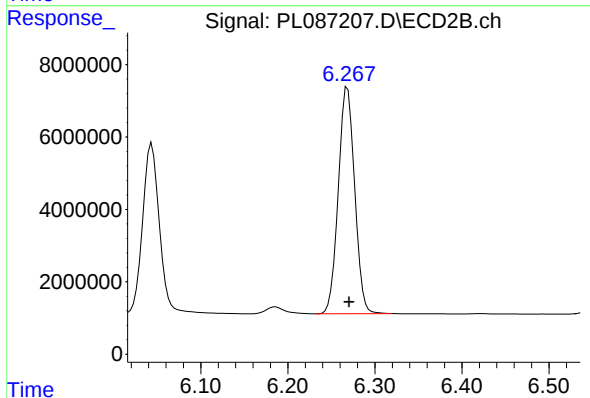
#19 Endosulfan Sulfate

R.T.: 7.067 min
Delta R.T.: -0.004 min
Response: 175833306
Conc: 44.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

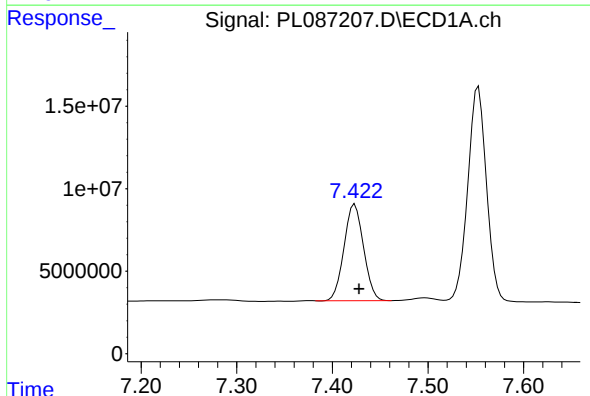
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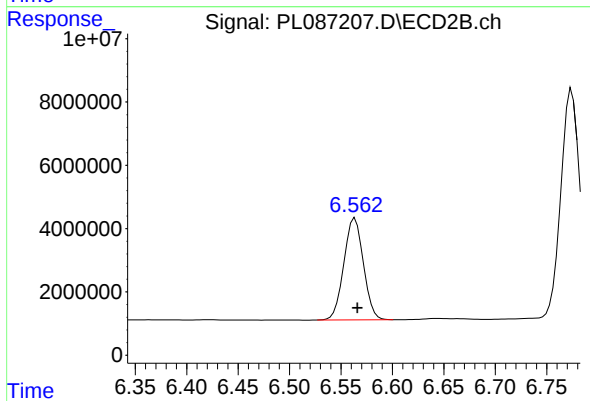
#19 Endosulfan Sulfate

R.T.: 6.269 min
Delta R.T.: -0.002 min
Response: 81938867
Conc: 43.50 ng/ml



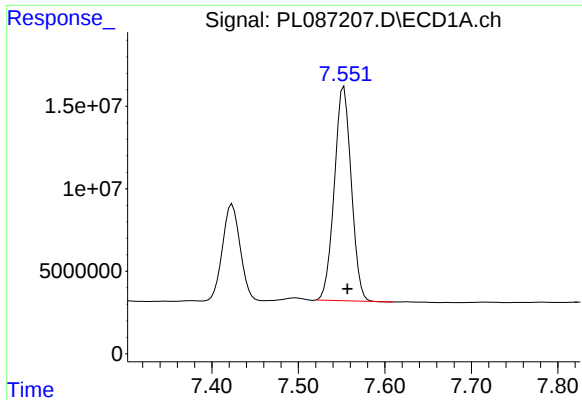
#20 Methoxychlor

R.T.: 7.424 min
Delta R.T.: -0.005 min
Response: 83106859
Conc: 42.62 ng/ml



#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 42535879
Conc: 41.64 ng/ml



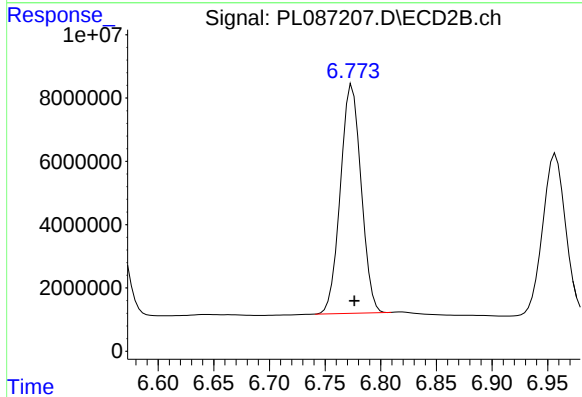
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 175406078
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

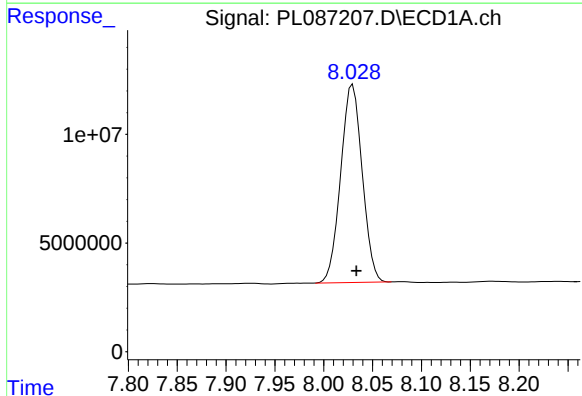
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



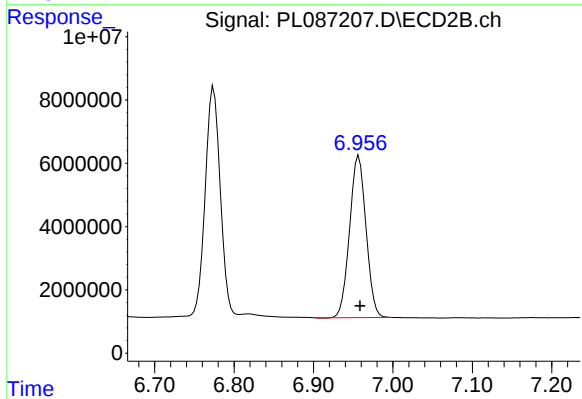
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 93844019
Conc: 44.09 ng/ml



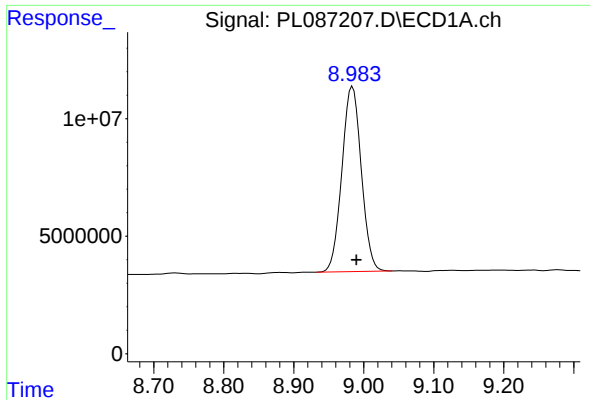
#22 Mirex

R.T.: 8.030 min
Delta R.T.: -0.004 min
Response: 139749092
Conc: 41.49 ng/ml



#22 Mirex

R.T.: 6.957 min
Delta R.T.: -0.001 min
Response: 73433597
Conc: 41.28 ng/ml



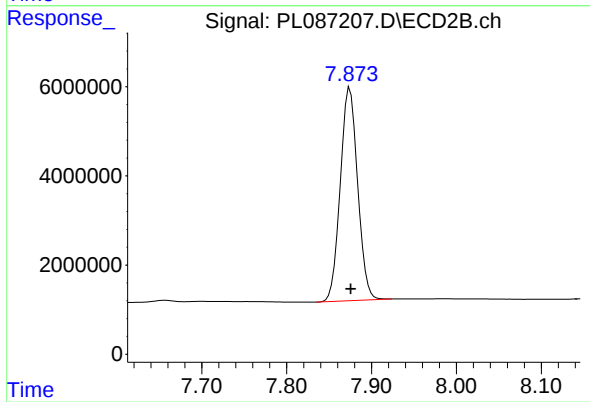
#28 Decachlorobiphenyl

R.T.: 8.984 min
Delta R.T.: -0.005 min
Response: 151495468
Conc: 44.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



#28 Decachlorobiphenyl

R.T.: 7.875 min
Delta R.T.: -0.001 min
Response: 67782026
Conc: 40.13 ng/ml