

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102222\
 Data File : PL078458.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2022 11:49
 Operator : AR\AJ
 Sample : PB148453BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148453BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/24/2022
 Supervised By : Ankita Jodhani 10/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 01:50:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.327	2.571	47649744	63704639	24.987	24.951
28)	SA Decachlor...	8.780	7.645	42155420	50628019	28.022	26.729
Target Compounds							
2)	A alpha-BHC	3.788	3.059	138.3E6	180.3E6	48.179	45.656
3)	MA gamma-BHC...	4.121	3.380	129.2E6	164.8E6	48.344	45.858
4)	MA Heptachlor	4.692	3.708	129.3E6	159.2E6	49.802	45.908
5)	MB Aldrin	5.030	3.980	126.3E6	165.3E6	51.013	47.201
6)	B beta-BHC	4.336	3.680	52883144	62205488	45.907	43.354
7)	B delta-BHC	4.576	3.900	118.9E6	163.6E6	52.207	44.933
8)	B Heptachlo...	5.464	4.477	109.8E6	139.4E6	51.713	46.248
9)	A Endosulfan I	5.848	4.840	104.5E6	131.9E6	48.998	46.092
10)	B gamma-Chl...	5.719	4.725	114.4E6	139.9E6	50.697	45.667
11)	B alpha-Chl...	5.796	4.787	113.2E6	136.7E6	48.908	45.866
12)	B 4,4'-DDE	5.979	4.982	98422516	125.5E6	49.178	46.087
13)	MA Dieldrin	6.125	5.101	110.5E6	140.7E6	51.250	47.484
14)	MA Endrin	6.356	5.372	90780777	122.2E6	47.834	46.897
15)	B Endosulfa...	6.584	5.669	93832804	116.7E6	50.013m	51.276
16)	A 4,4'-DDD	6.504	5.533	80571097	101.1E6	48.332	46.043
17)	MA 4,4'-DDT	6.813	5.780	85097163	101.2E6	47.479	46.675
18)	B Endrin al...	6.717	5.848	77386845	92850274	53.185	49.473
19)	B Endosulfa...	6.950	6.071	91531529	112.6E6	49.747	47.286
20)	A Methoxychlor	7.298	6.358	43601242	51465592	47.347	45.352
21)	B Endrin ke...	7.436	6.567	98693680	126.7E6	52.458	49.031
22)	Mirex	7.893	6.739	75679196	93532237	51.842	47.527

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

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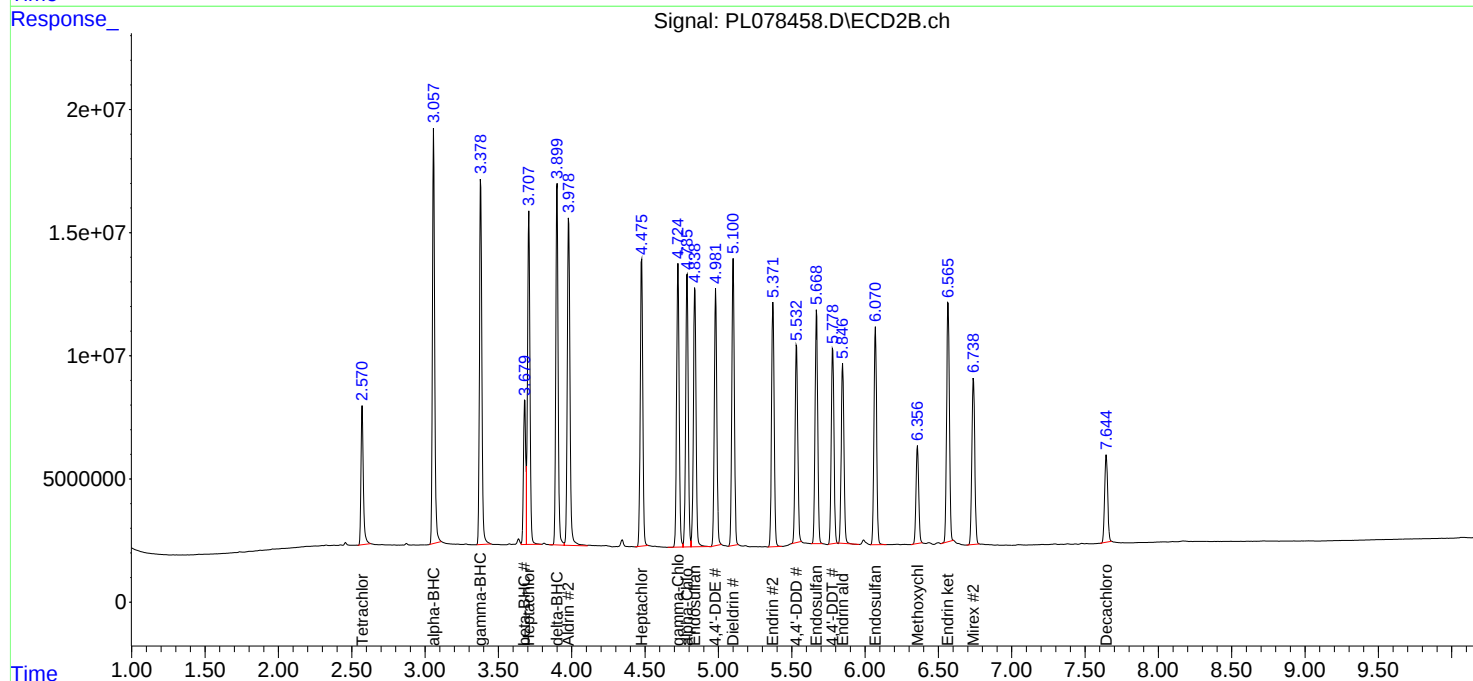
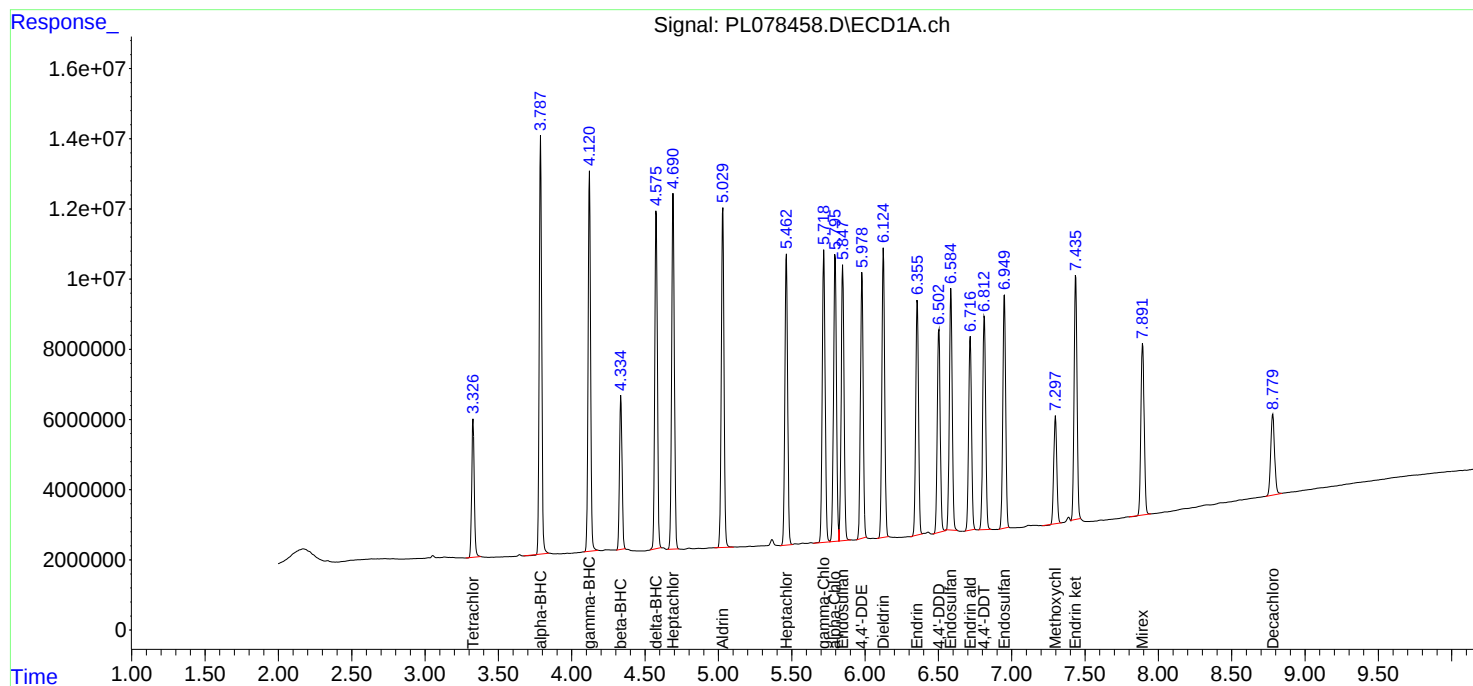
Manual Integrations

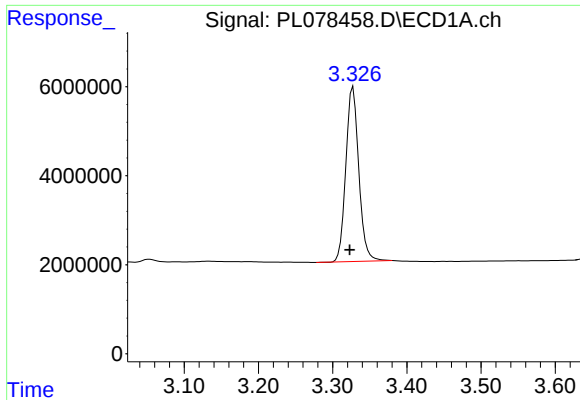
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 Supervised By :Ankita Jodhani 10/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 01:50:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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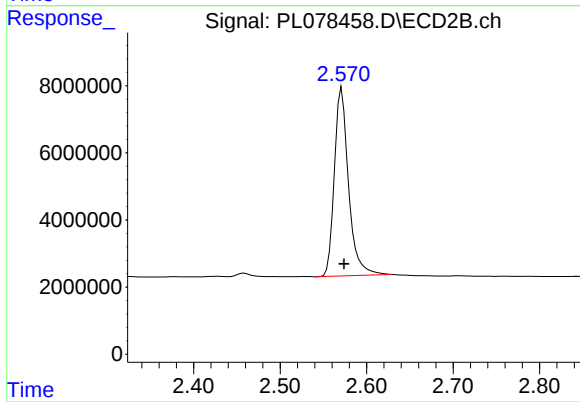
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: 0.004 min
Response: 47649744
Conc: 24.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148453BS

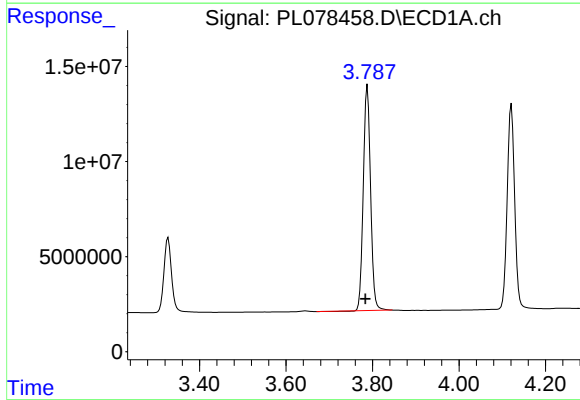
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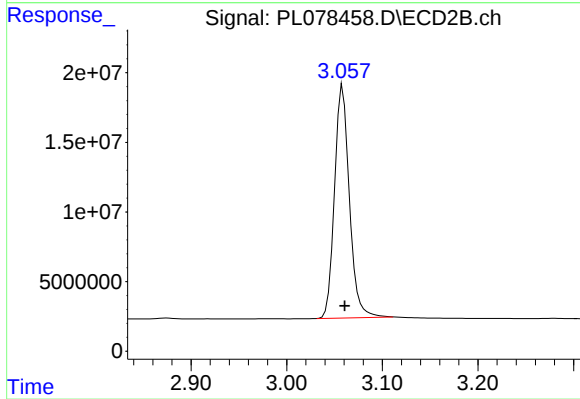
#1 Tetrachloro-m-xylene

R.T.: 2.571 min
Delta R.T.: -0.002 min
Response: 63704639
Conc: 24.95 ng/ml



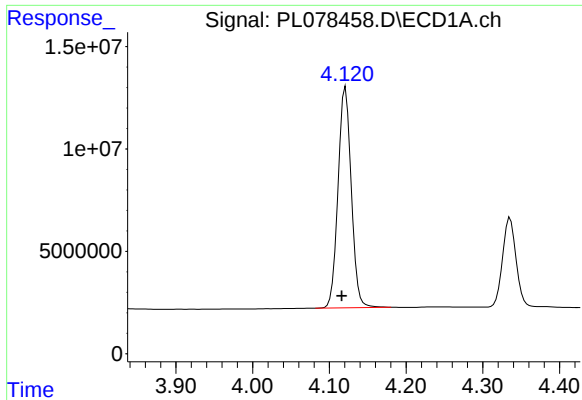
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: 0.004 min
Response: 138338756
Conc: 48.18 ng/ml



#2 alpha-BHC

R.T.: 3.059 min
Delta R.T.: -0.002 min
Response: 180298910
Conc: 45.66 ng/ml



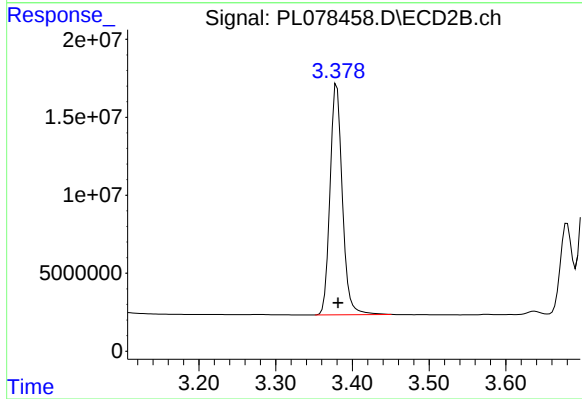
#3 gamma-BHC (Lindane)

R.T.: 4.121 min
Delta R.T.: 0.005 min
Response: 129161056
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148453BS

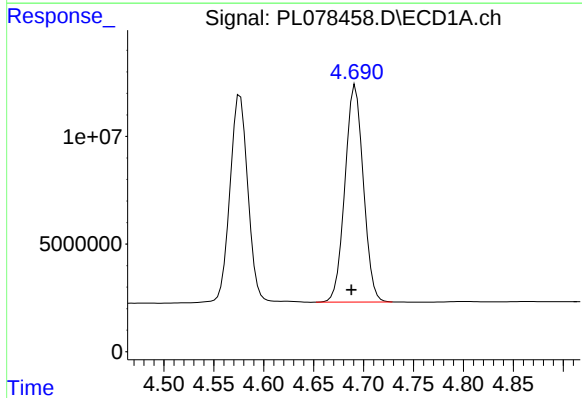
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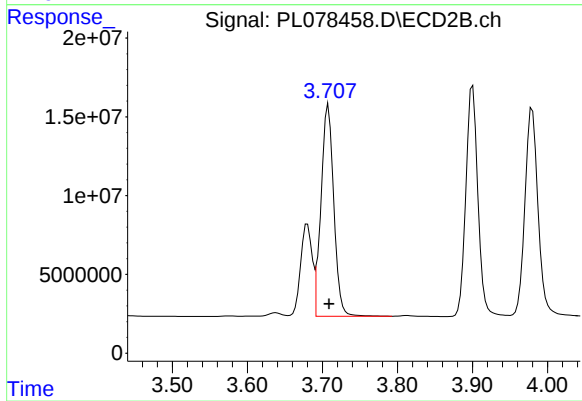
#3 gamma-BHC (Lindane)

R.T.: 3.380 min
Delta R.T.: -0.002 min
Response: 164823954
Conc: 45.86 ng/ml



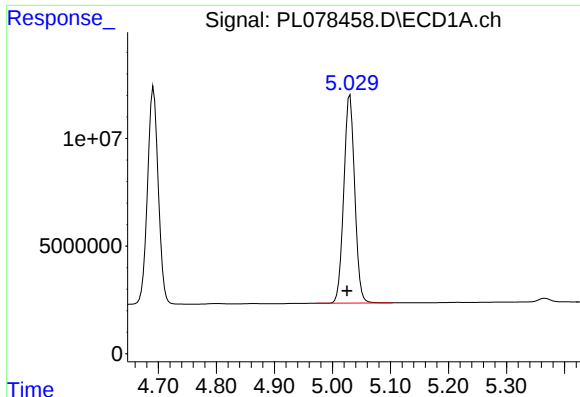
#4 Heptachlor

R.T.: 4.692 min
Delta R.T.: 0.004 min
Response: 129287746
Conc: 49.80 ng/ml



#4 Heptachlor

R.T.: 3.708 min
Delta R.T.: 0.000 min
Response: 159200577
Conc: 45.91 ng/ml



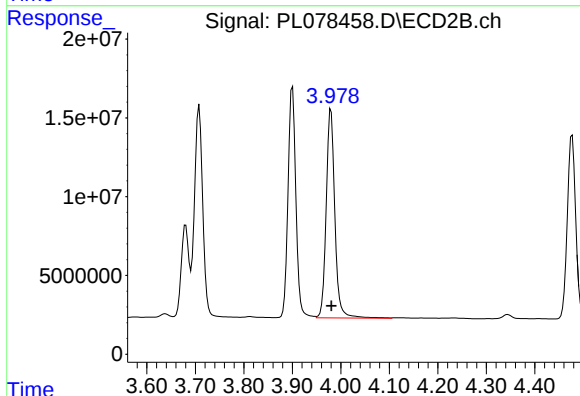
#5 Aldrin

R.T.: 5.030 min
Delta R.T.: 0.005 min
Response: 126345436
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148453BS

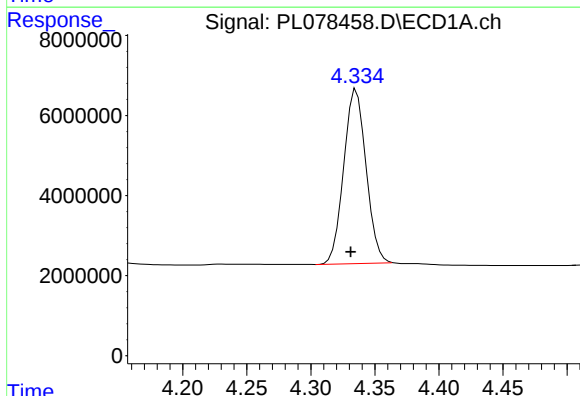
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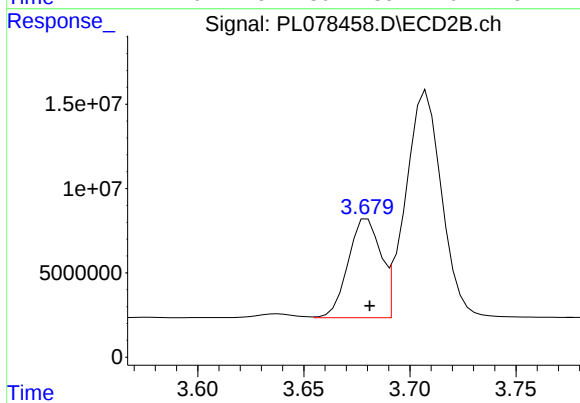
#5 Aldrin

R.T.: 3.980 min
Delta R.T.: 0.000 min
Response: 165282649
Conc: 47.20 ng/ml



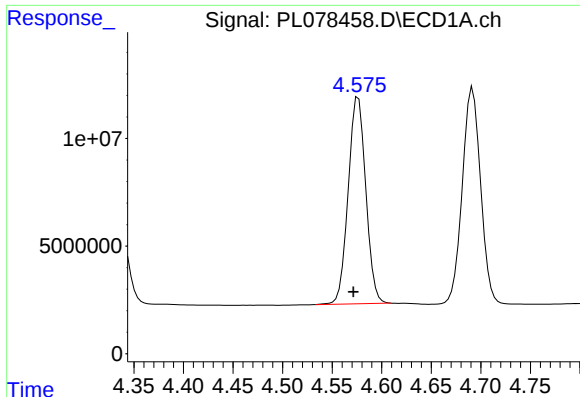
#6 beta-BHC

R.T.: 4.336 min
Delta R.T.: 0.004 min
Response: 52883144
Conc: 45.91 ng/ml



#6 beta-BHC

R.T.: 3.680 min
Delta R.T.: -0.001 min
Response: 62205488
Conc: 43.35 ng/ml



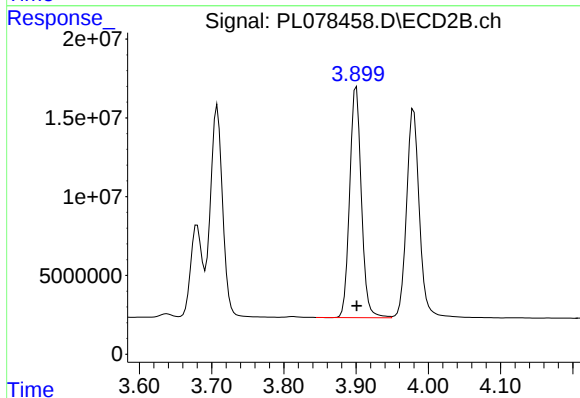
#7 delta-BHC

R.T.: 4.576 min
Delta R.T.: 0.005 min
Response: 118866802
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148453BS

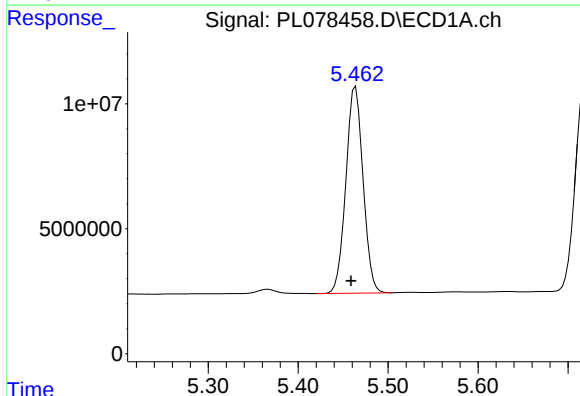
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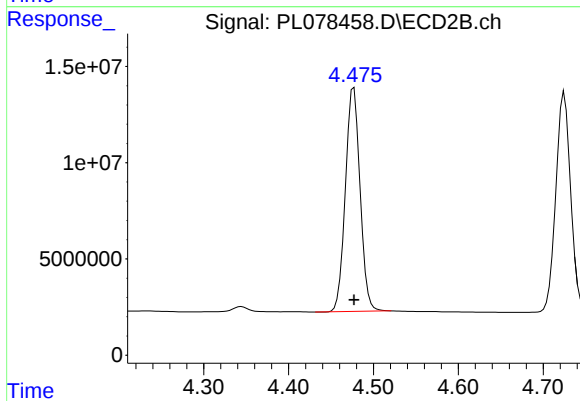
#7 delta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 163615957
Conc: 44.93 ng/ml



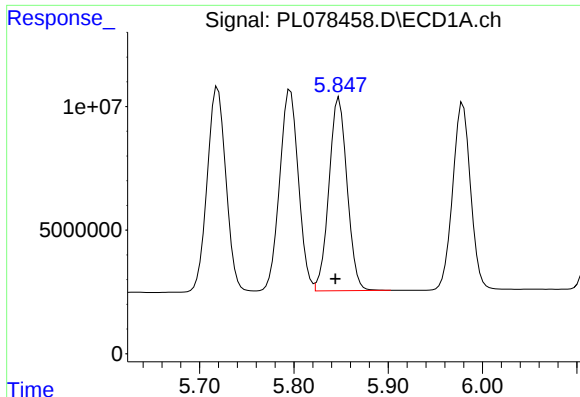
#8 Heptachlor epoxide

R.T.: 5.464 min
Delta R.T.: 0.005 min
Response: 109786736
Conc: 51.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 139355895
Conc: 46.25 ng/ml



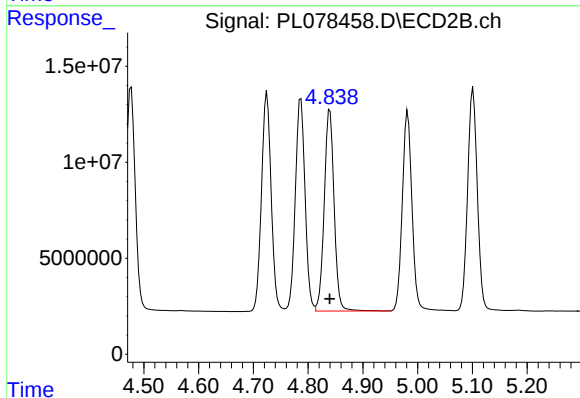
#9 Endosulfan I

R.T.: 5.848 min
Delta R.T.: 0.004 min
Response: 104540029
Conc: 49.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148453BS

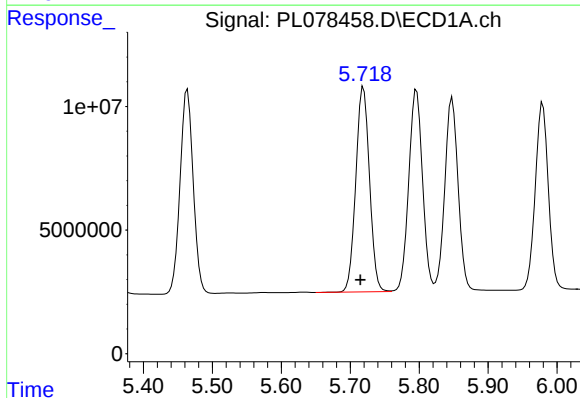
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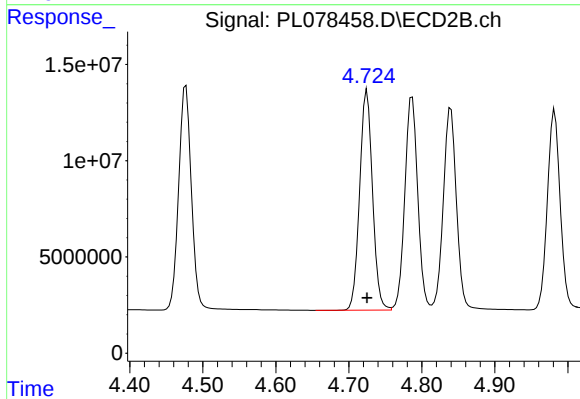
#9 Endosulfan I

R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 131945886
Conc: 46.09 ng/ml



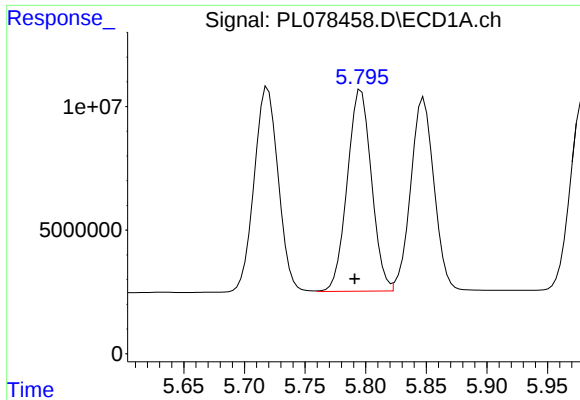
#10 gamma-Chlordane

R.T.: 5.719 min
Delta R.T.: 0.005 min
Response: 114430996
Conc: 50.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 139943188
Conc: 45.67 ng/ml



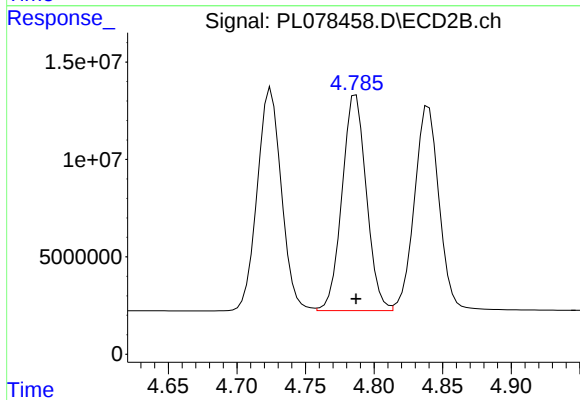
#11 alpha-Chlordane

R.T.: 5.796 min
Delta R.T.: 0.005 min
Response: 113162934
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148453BS

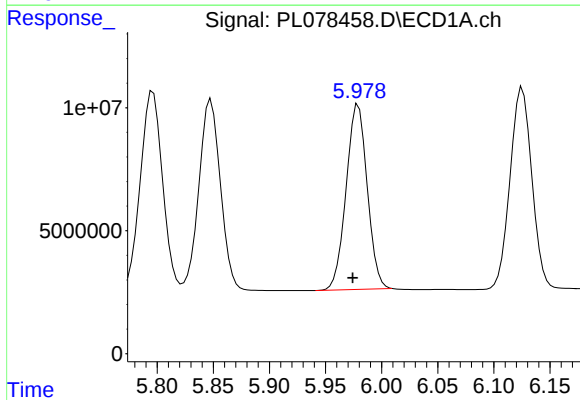
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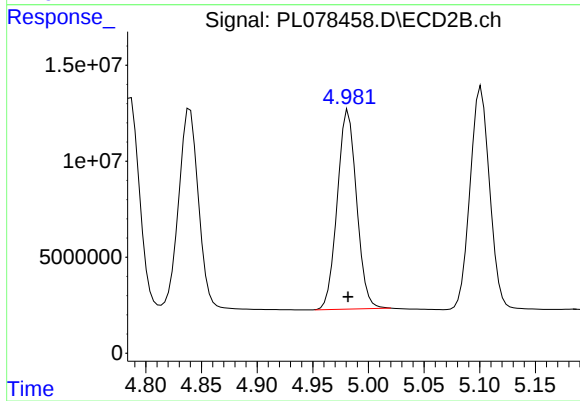
#11 alpha-Chlordane

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 136699755
Conc: 45.87 ng/ml



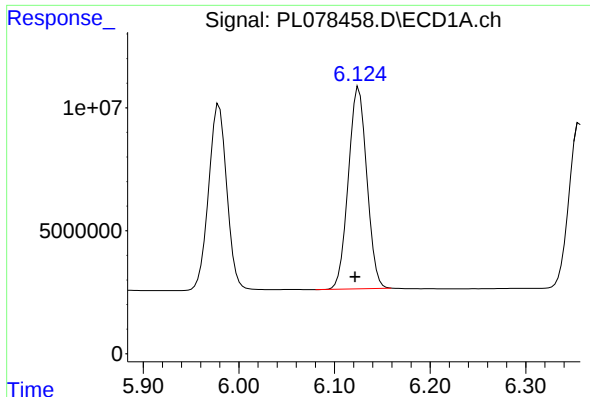
#12 4,4'-DDE

R.T.: 5.979 min
Delta R.T.: 0.005 min
Response: 98422516
Conc: 49.18 ng/ml



#12 4,4'-DDE

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 125474381
Conc: 46.09 ng/ml



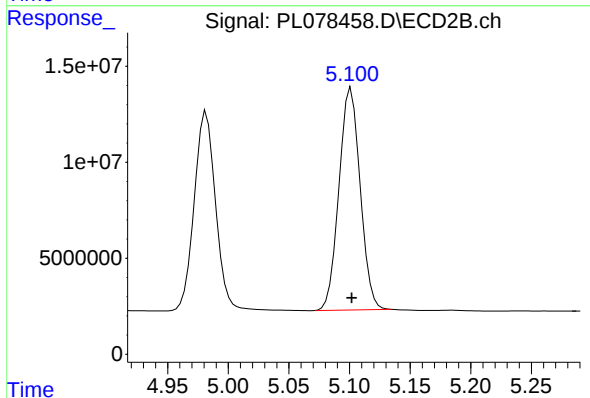
#13 Dieldrin

R.T.: 6.125 min
Delta R.T.: 0.004 min
Response: 110520887
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148453BS

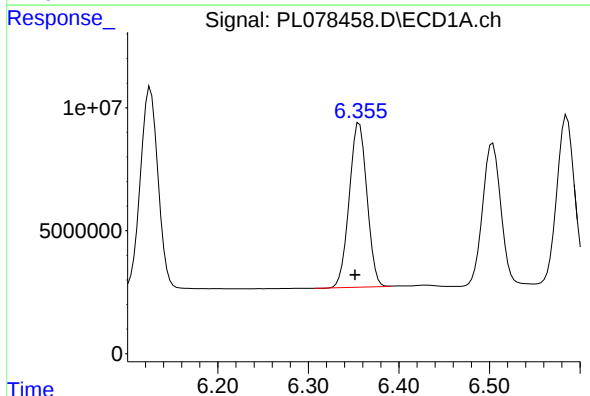
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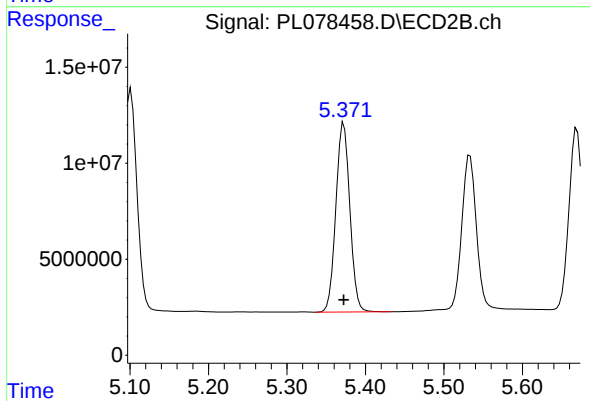
#13 Dieldrin

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 140700077
Conc: 47.48 ng/ml



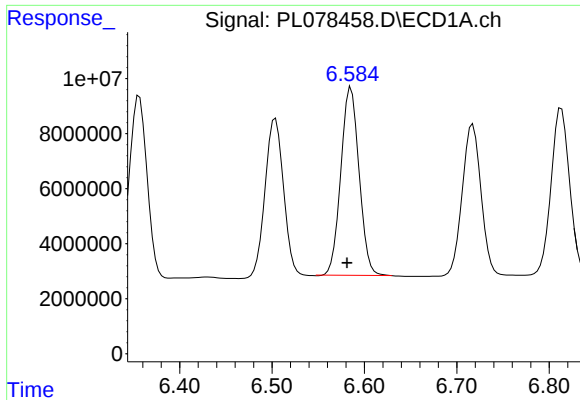
#14 Endrin

R.T.: 6.356 min
Delta R.T.: 0.005 min
Response: 90780777
Conc: 47.83 ng/ml



#14 Endrin

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 122177740
Conc: 46.90 ng/ml



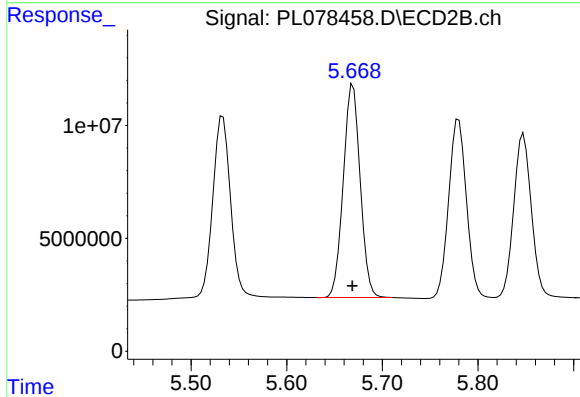
#15 Endosulfan II

R.T.: 6.584 min
Delta R.T.: 0.003 min
Response: 93832804
Conc: 50.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
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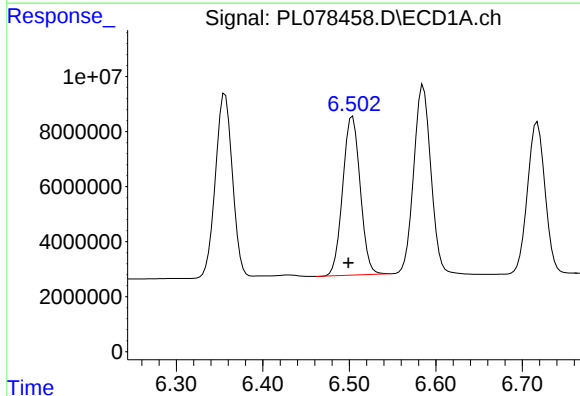
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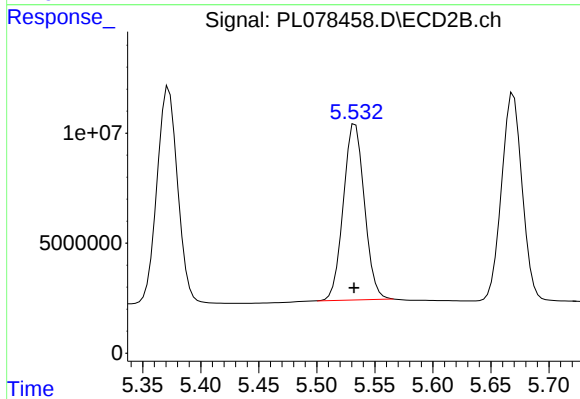
#15 Endosulfan II

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 116717622
Conc: 51.28 ng/ml



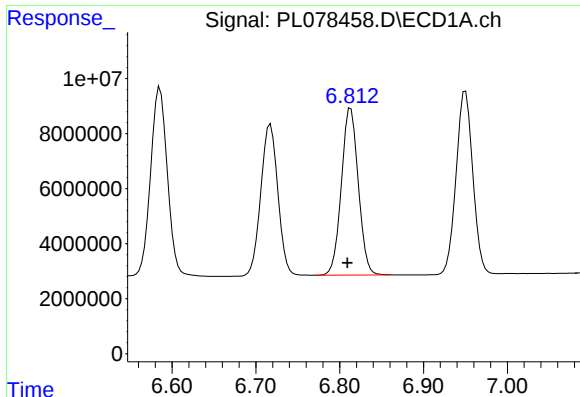
#16 4,4'-DDD

R.T.: 6.504 min
Delta R.T.: 0.005 min
Response: 80571097
Conc: 48.33 ng/ml



#16 4,4'-DDD

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 101127396
Conc: 46.04 ng/ml



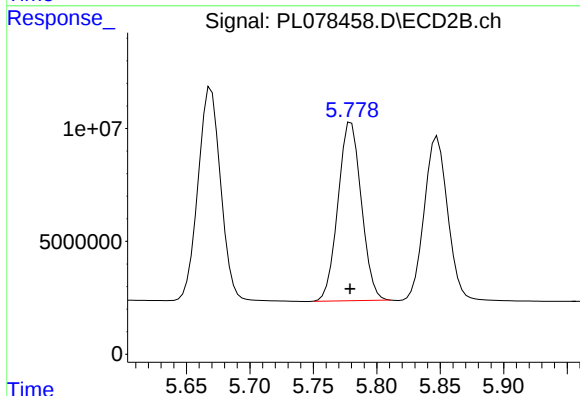
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: 0.004 min
Response: 85097163
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148453BS

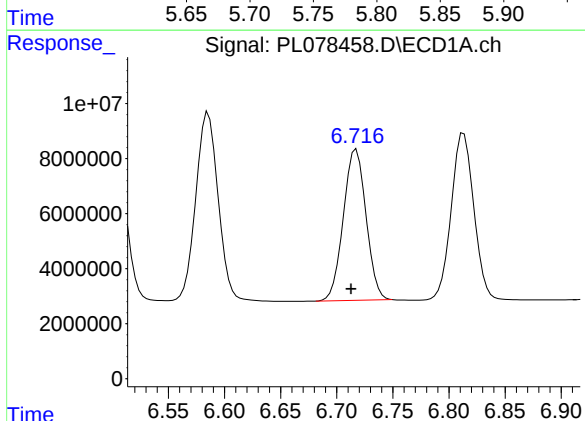
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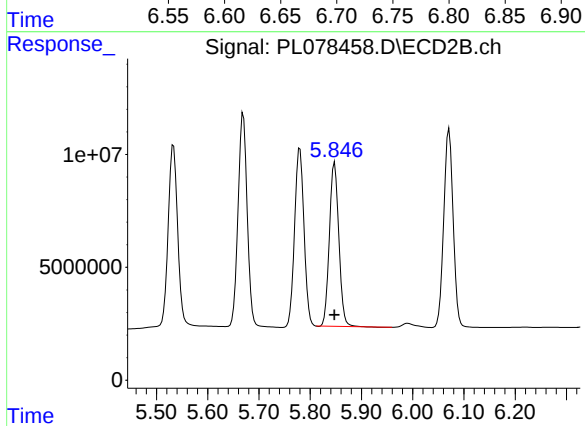
#17 4,4'-DDT

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 101244997
Conc: 46.68 ng/ml



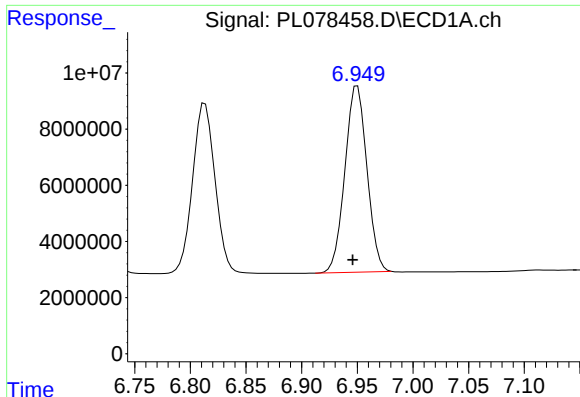
#18 Endrin aldehyde

R.T.: 6.717 min
Delta R.T.: 0.004 min
Response: 77386845
Conc: 53.18 ng/ml



#18 Endrin aldehyde

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 92850274
Conc: 49.47 ng/ml



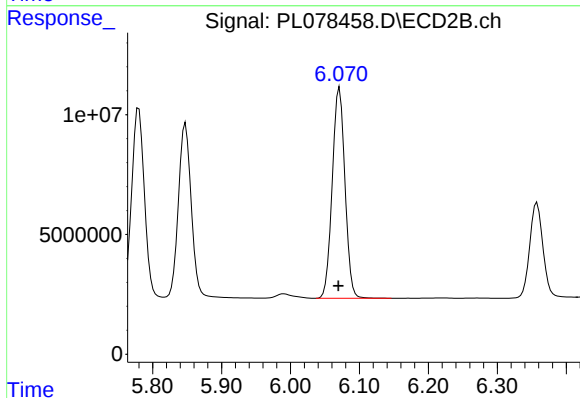
#19 Endosulfan Sulfate

R.T.: 6.950 min
Delta R.T.: 0.004 min
Response: 91531529
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148453BS

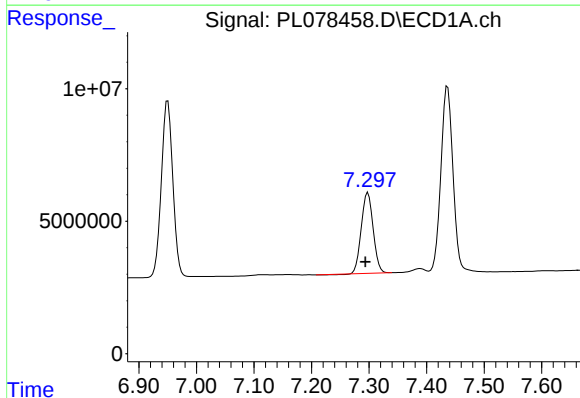
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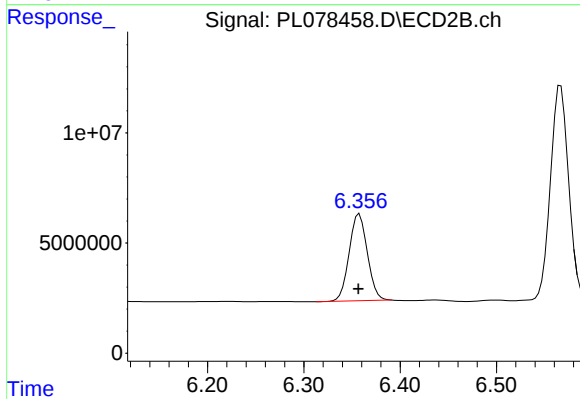
#19 Endosulfan Sulfate

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 112563450
Conc: 47.29 ng/ml



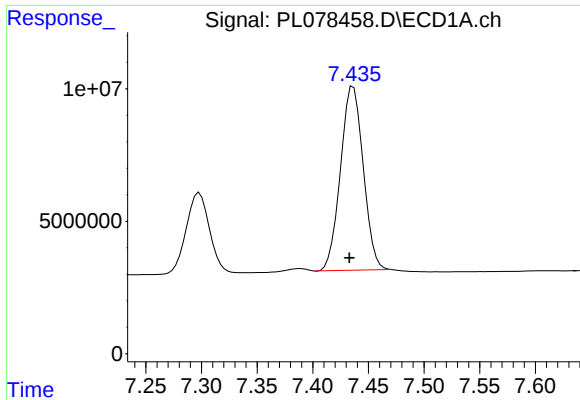
#20 Methoxychlor

R.T.: 7.298 min
Delta R.T.: 0.004 min
Response: 43601242
Conc: 47.35 ng/ml



#20 Methoxychlor

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 51465592
Conc: 45.35 ng/ml



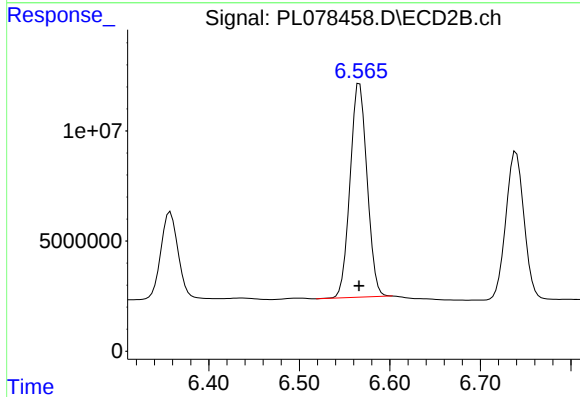
#21 Endrin ketone

R.T.: 7.436 min
Delta R.T.: 0.003 min
Response: 98693680
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148453BS

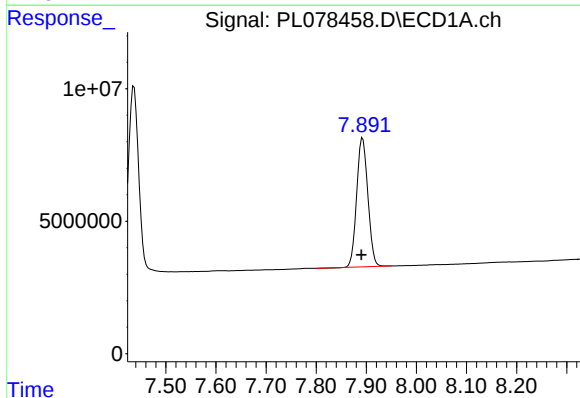
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/24/2022
Supervised By :Ankita Jodhani 10/24/2022



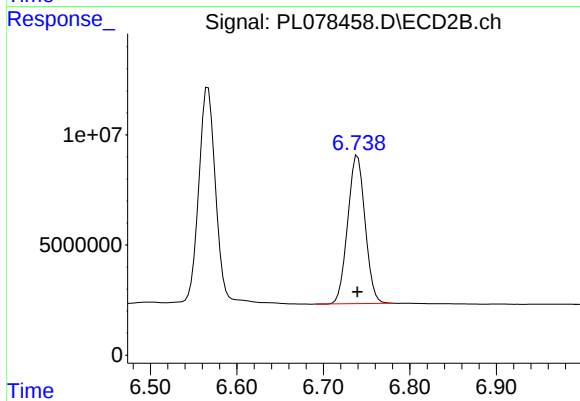
#21 Endrin ketone

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 126730875
Conc: 49.03 ng/ml



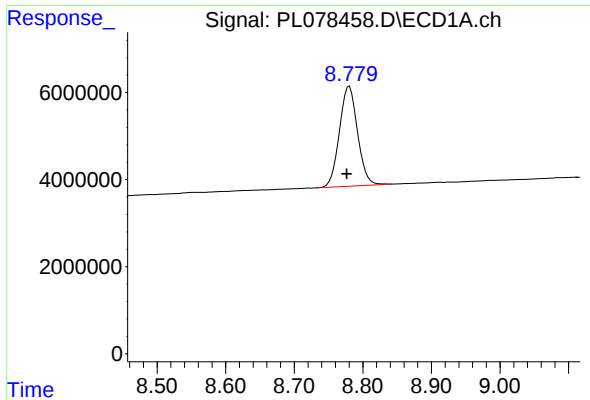
#22 Mirex

R.T.: 7.893 min
Delta R.T.: 0.002 min
Response: 75679196
Conc: 51.84 ng/ml



#22 Mirex

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 93532237
Conc: 47.53 ng/ml



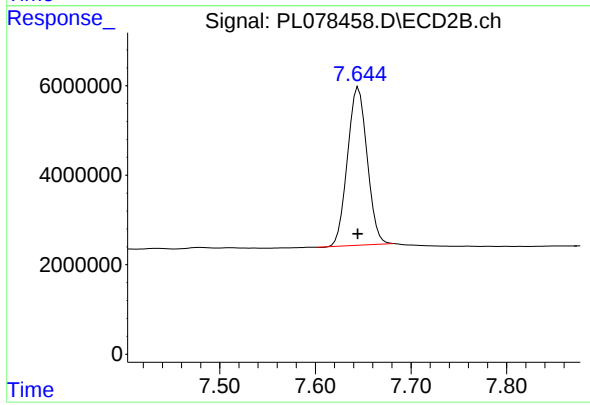
#28 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: 0.004 min
Response: 42155420
Conc: 28.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148453BS

Manual Integrations
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Supervised By :Ankita Jodhani 10/24/2022



#28 Decachlorobiphenyl

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 50628019
Conc: 26.73 ng/ml