

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092123\
 Data File : PL085459.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 10:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/22/2023
 Supervised By : Ankita Jodhani 09/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 18:09:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 20 10:25:09 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...	3.422	2.655	187.3E6	81988779	56.251	53.896
28)	SA Decachlor...	8.958	7.832	157.1E6	87415700	46.154	44.651m
Target Compounds							
2)	A alpha-BHC	3.879	3.158	286.4E6	129.0E6	58.107	55.352
3)	MA gamma-BHC...	4.212	3.488	281.0E6	126.4E6	57.492	54.873
4)	MA Heptachlor	4.801	3.828	264.2E6	120.0E6	57.320m	55.797
5)	MB Aldrin	5.144	4.106	258.8E6	125.6E6	53.459	53.712
6)	B beta-BHC	4.413	3.791	114.7E6	51925667	55.105m	54.031
7)	B delta-BHC	4.658	4.019	276.1E6	129.5E6	57.876m	56.084
8)	B Heptachlo...	5.574	4.612	232.6E6	109.5E6	54.215	52.974m
9)	A Endosulfan I	5.960	4.983	215.0E6	103.0E6	52.168	50.496
10)	B gamma-Chl...	5.833	4.866	231.3E6	112.7E6	52.740	53.164
11)	B alpha-Chl...	5.913	4.931	228.8E6	113.0E6	52.038	51.926
12)	B 4,4'-DDE	6.092	5.130	207.5E6	104.4E6	52.001m	51.573
13)	MA Dieldrin	6.237	5.250	228.5E6	112.4E6	52.686m	51.386
14)	MA Endrin	6.465	5.524	193.9E6	101.0E6	54.045m	53.897m
15)	B Endosulfa...	6.689	5.824	195.5E6	98507850	49.400	50.235
16)	A 4,4'-DDD	6.614	5.687	175.0E6	87943967	53.700	51.128m
17)	MA 4,4'-DDT	6.929	5.940	181.1E6	95108152	50.447	52.199
18)	B Endrin al...	6.820	6.006	149.1E6	77436964	51.183	48.875
19)	B Endosulfa...	7.055	6.231	188.4E6	93325869	51.516m	49.624
20)	A Methoxychlor	7.413	6.526	108.3E6	49932349	49.419m	47.071
21)	B Endrin ke...	7.540	6.735	203.9E6	117.7E6	50.219	47.129
22)	Mirex	8.014	6.912	156.9E6	86034998	49.351	47.323m

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

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Data File : PL085459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Sep 2023 10:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

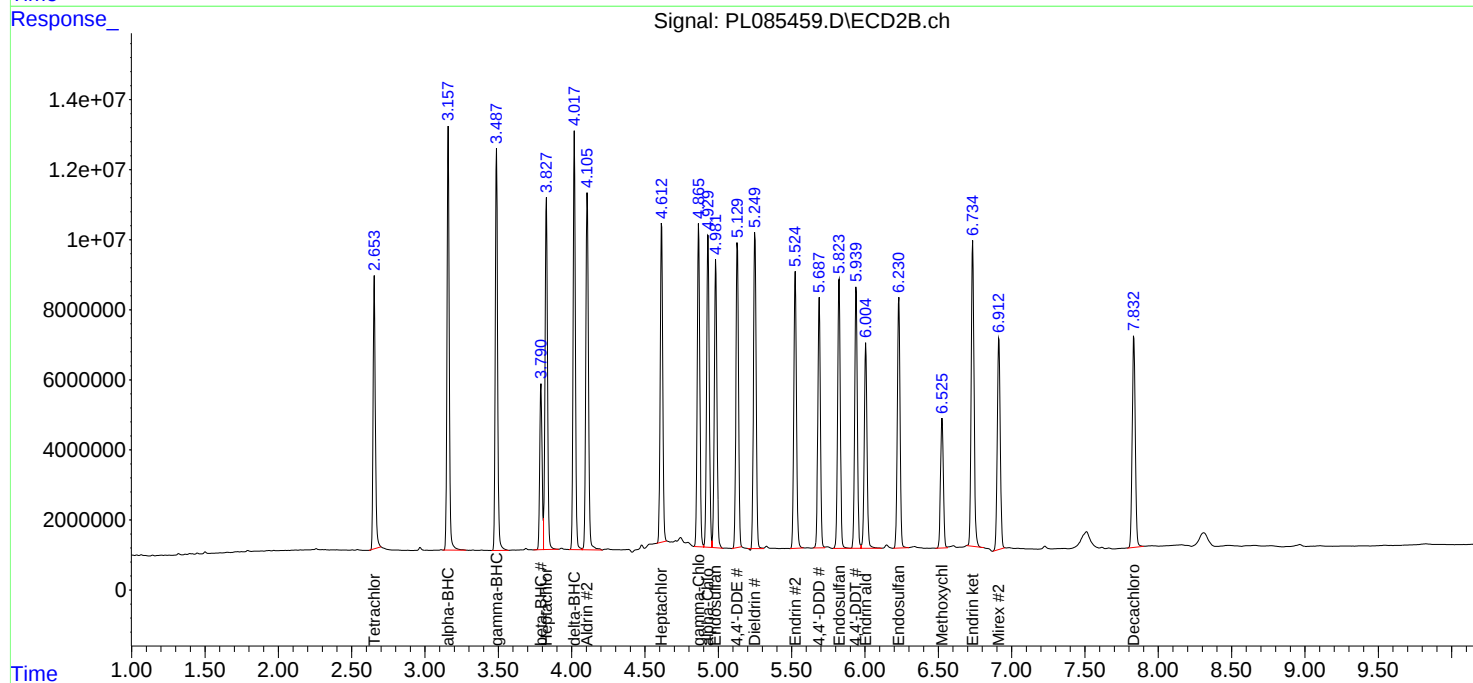
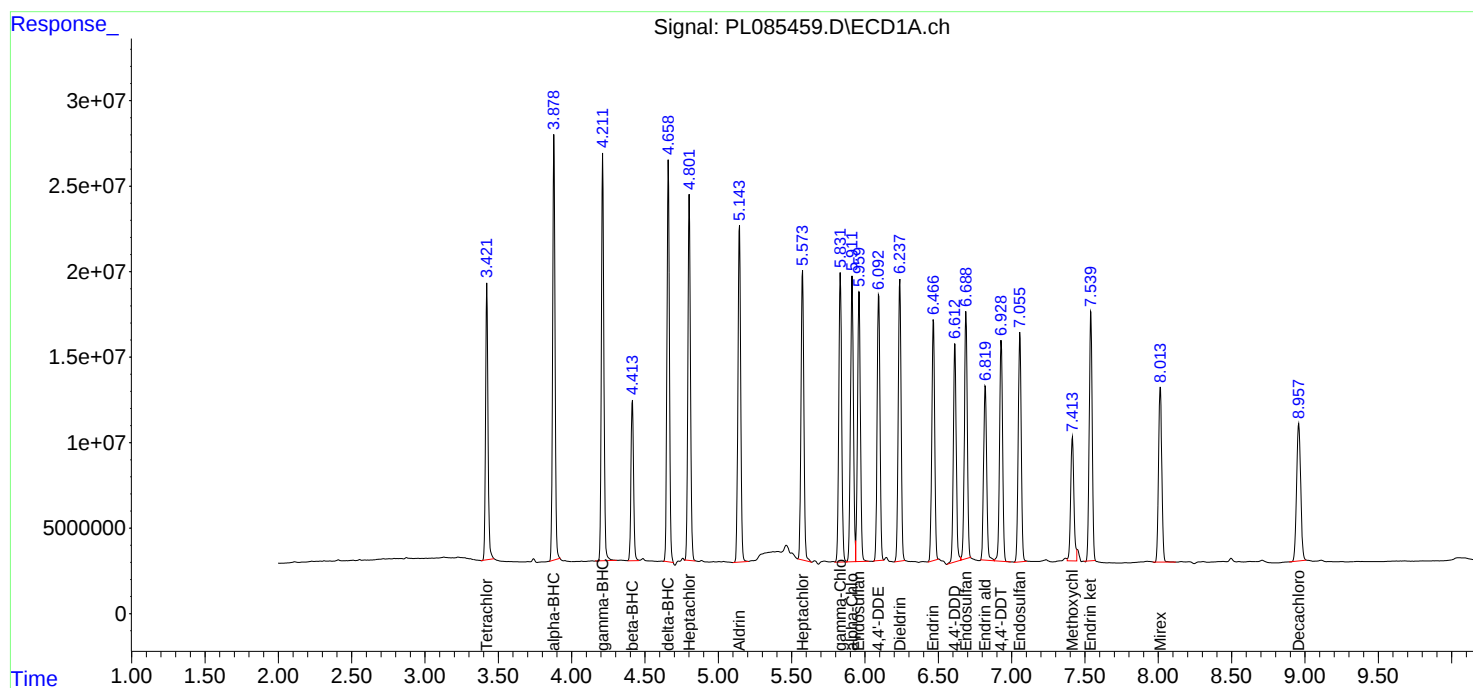
Manual Integrations

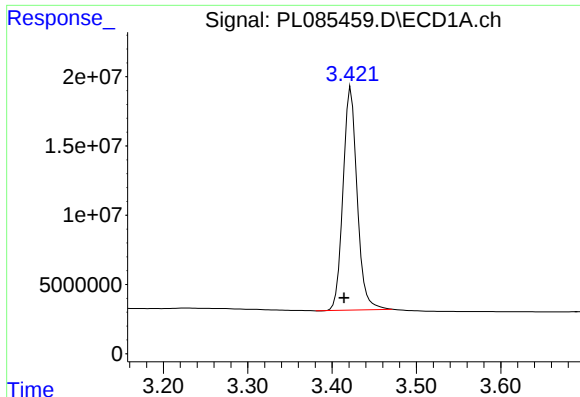
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Reviewed By :Abdul Mirza 09/22/2023
Supervised By :Ankita Jodhani 09/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 21 18:09:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
Quant Title : GC Extractables
QLast Update : Wed Sep 20 10:25:09 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





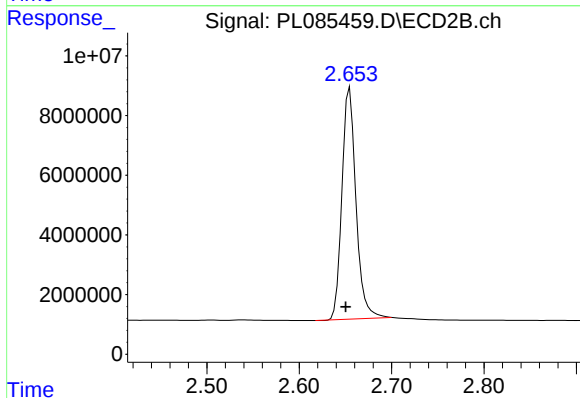
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: 0.008 min
Response: 187345952
Conc: 56.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

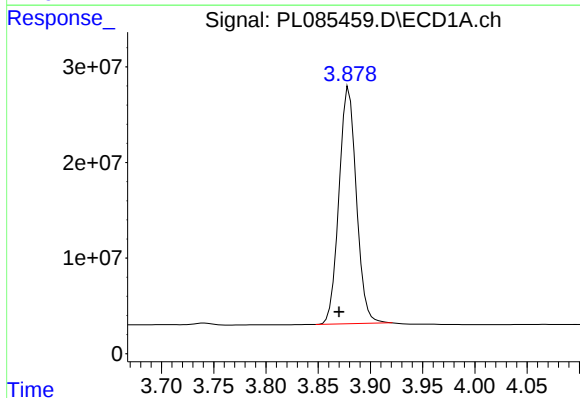
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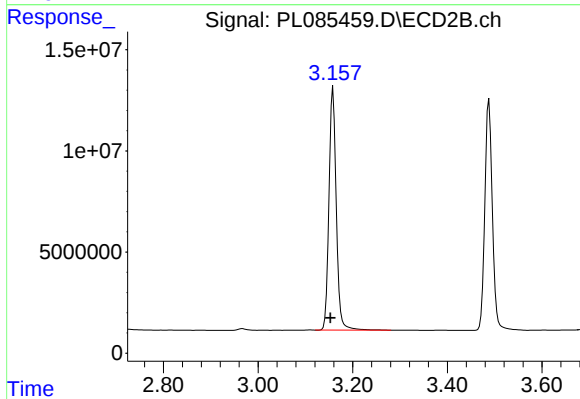
#1 Tetrachloro-m-xylene

R.T.: 2.655 min
Delta R.T.: 0.004 min
Response: 81988779
Conc: 53.90 ng/ml



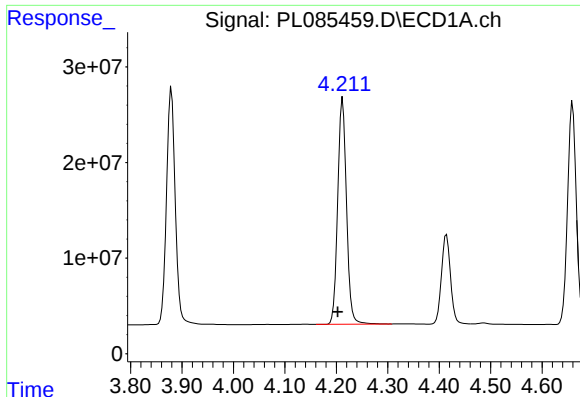
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.010 min
Response: 286362772
Conc: 58.11 ng/ml



#2 alpha-BHC

R.T.: 3.158 min
Delta R.T.: 0.005 min
Response: 128974389
Conc: 55.35 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: 0.009 min
Response: 281013740
Conc: 57.49 ng/ml

Instrument :

ECD_L

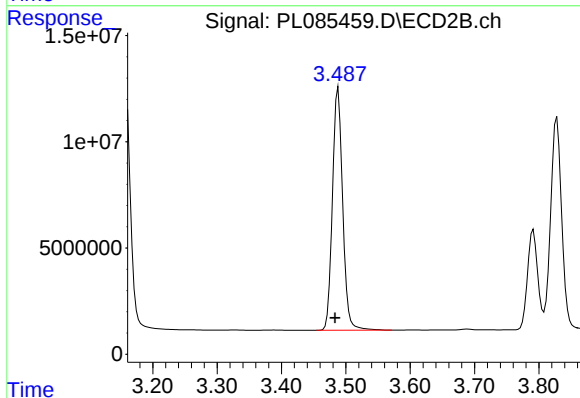
ClientSampleId :

PSTDCCC050

Manual Integrations

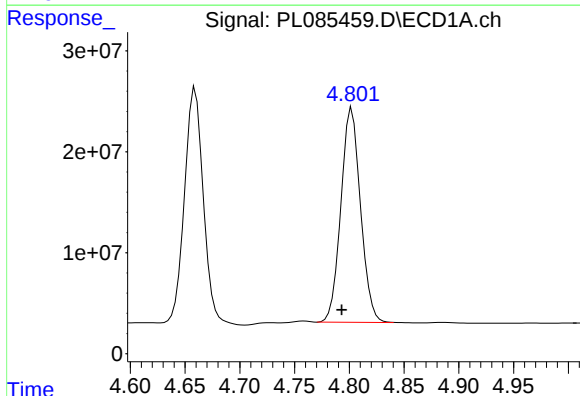
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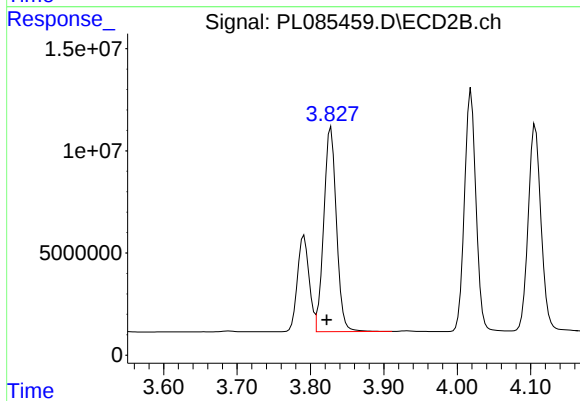
#3 gamma-BHC (Lindane)

R.T.: 3.488 min
Delta R.T.: 0.005 min
Response: 126401021
Conc: 54.87 ng/ml



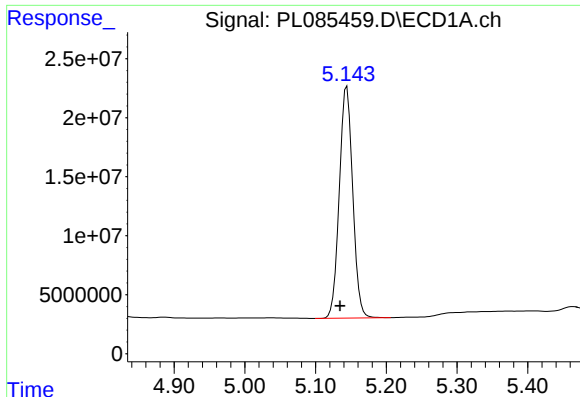
#4 Heptachlor

R.T.: 4.801 min
Delta R.T.: 0.008 min
Response: 264195099
Conc: 57.32 ng/ml m



#4 Heptachlor

R.T.: 3.828 min
Delta R.T.: 0.006 min
Response: 119996190
Conc: 55.80 ng/ml



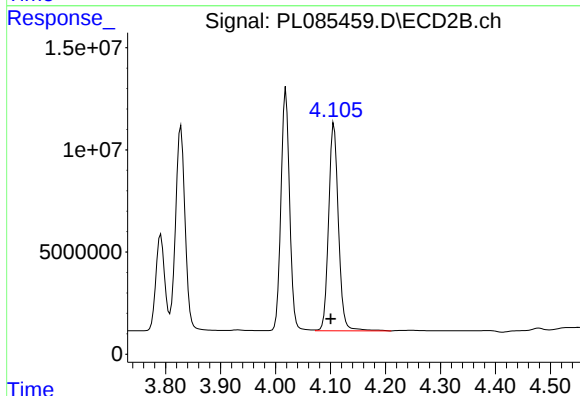
#5 Aldrin

R.T.: 5.144 min
Delta R.T.: 0.010 min
Response: 258780083
Conc: 53.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

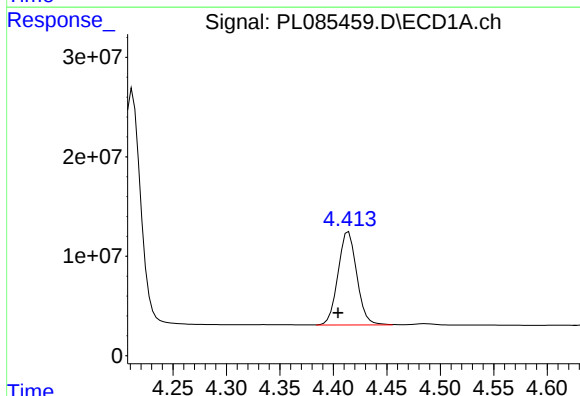
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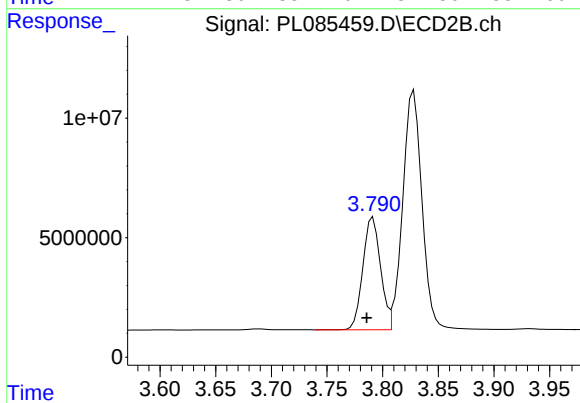
#5 Aldrin

R.T.: 4.106 min
Delta R.T.: 0.006 min
Response: 125643862
Conc: 53.71 ng/ml



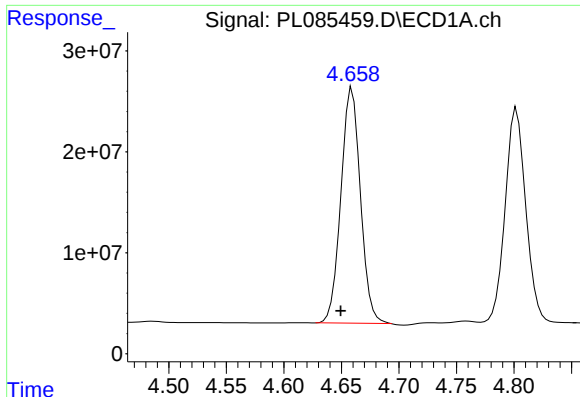
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: 0.009 min
Response: 114744842
Conc: 55.11 ng/ml m



#6 beta-BHC

R.T.: 3.791 min
Delta R.T.: 0.006 min
Response: 51925667
Conc: 54.03 ng/ml



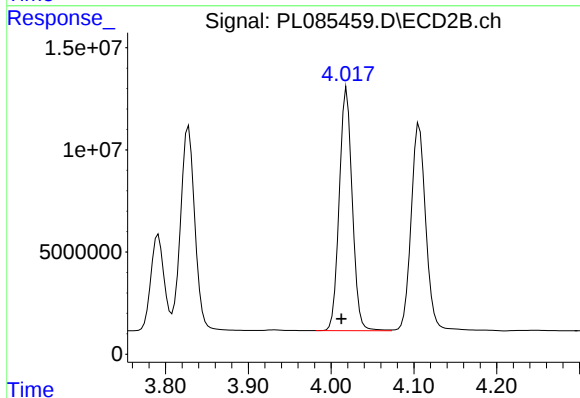
#7 delta-BHC

R.T.: 4.658 min
Delta R.T.: 0.009 min
Response: 276062761
Conc: 57.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

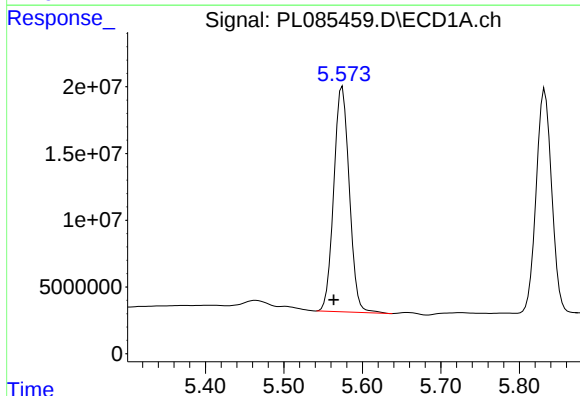
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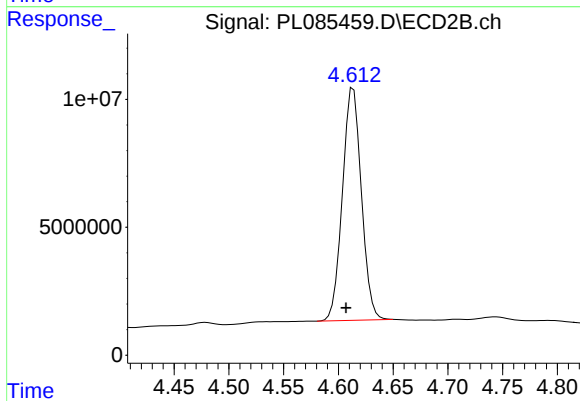
#7 delta-BHC

R.T.: 4.019 min
Delta R.T.: 0.006 min
Response: 129503573
Conc: 56.08 ng/ml



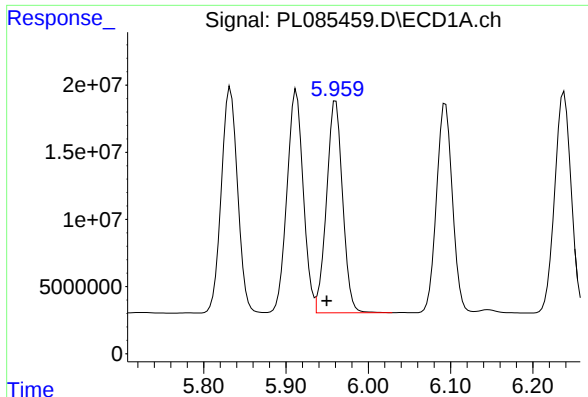
#8 Heptachlor epoxide

R.T.: 5.574 min
Delta R.T.: 0.011 min
Response: 232633280
Conc: 54.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.612 min
Delta R.T.: 0.005 min
Response: 109527031
Conc: 52.97 ng/ml m



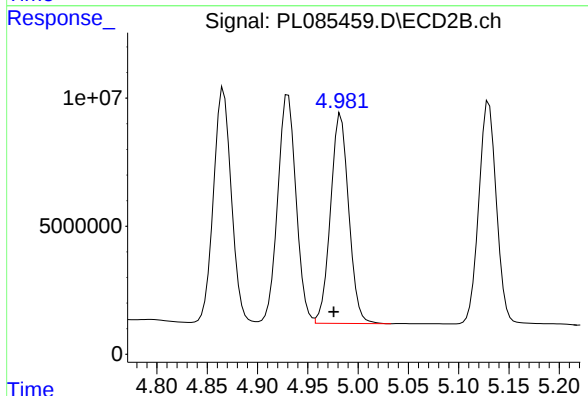
#9 Endosulfan I

R.T.: 5.960 min
Delta R.T.: 0.011 min
Response: 215037180
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

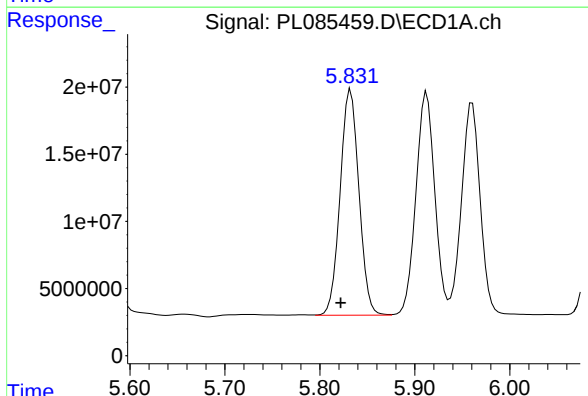
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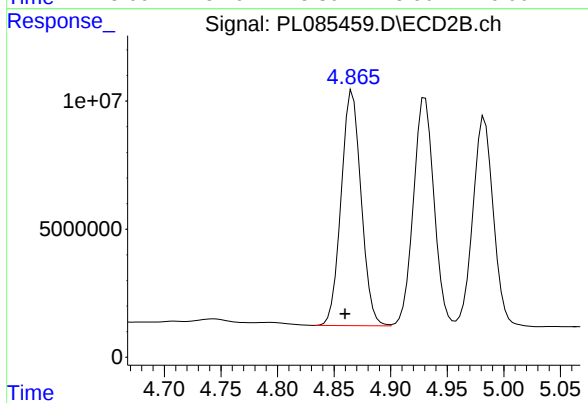
#9 Endosulfan I

R.T.: 4.983 min
Delta R.T.: 0.007 min
Response: 103037254
Conc: 50.50 ng/ml



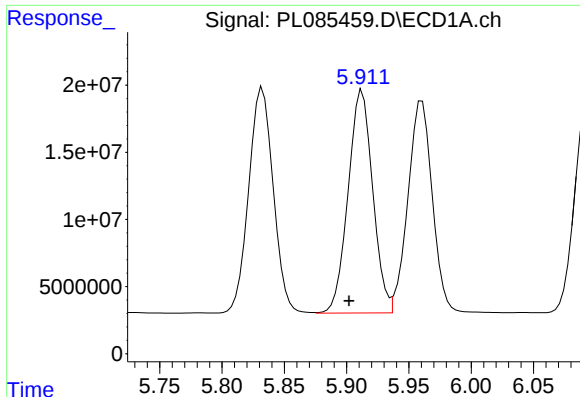
#10 gamma-Chlordane

R.T.: 5.833 min
Delta R.T.: 0.011 min
Response: 231310549
Conc: 52.74 ng/ml



#10 gamma-Chlordane

R.T.: 4.866 min
Delta R.T.: 0.007 min
Response: 112748803
Conc: 53.16 ng/ml



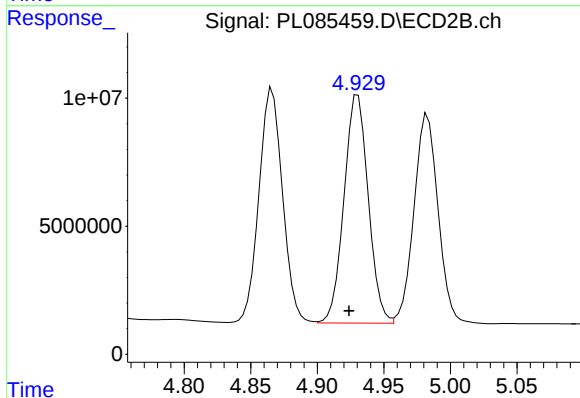
#11 alpha-Chlordane

R.T.: 5.913 min
Delta R.T.: 0.011 min
Response: 228750872
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

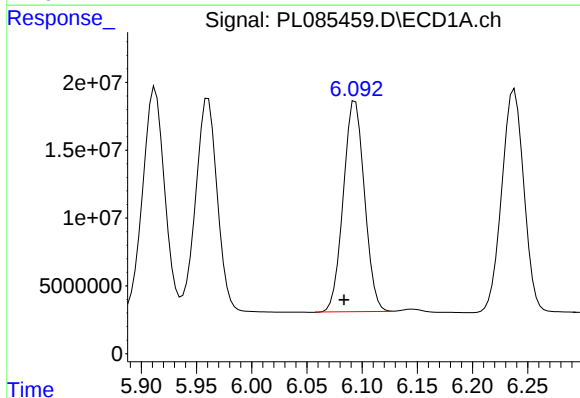
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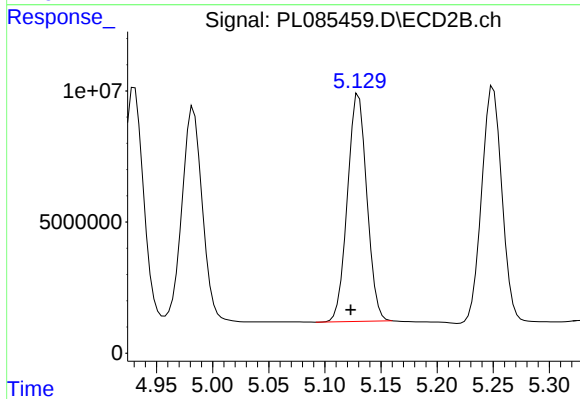
#11 alpha-Chlordane

R.T.: 4.931 min
Delta R.T.: 0.007 min
Response: 113035789
Conc: 51.93 ng/ml



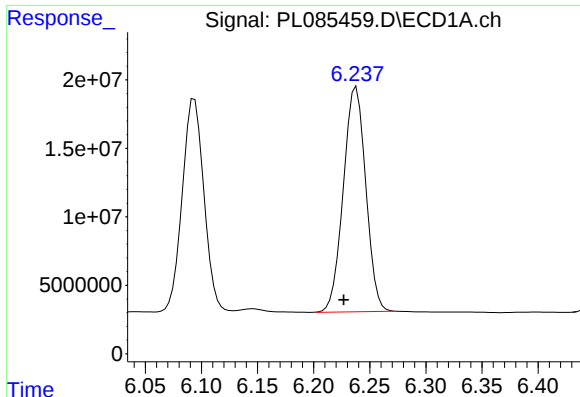
#12 4,4'-DDE

R.T.: 6.092 min
Delta R.T.: 0.009 min
Response: 207456592
Conc: 52.00 ng/ml m



#12 4,4'-DDE

R.T.: 5.130 min
Delta R.T.: 0.007 min
Response: 104387691
Conc: 51.57 ng/ml



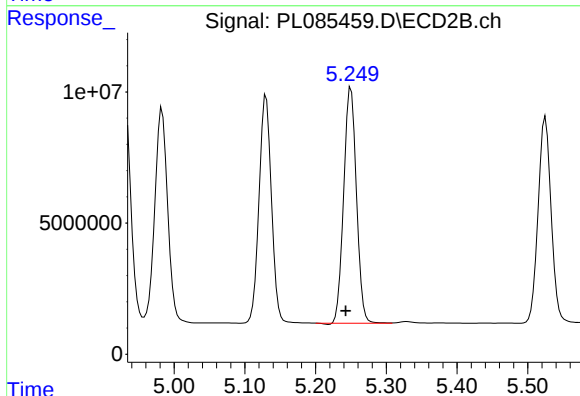
#13 Dieldrin

R.T.: 6.237 min
Delta R.T.: 0.010 min
Response: 228540413
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

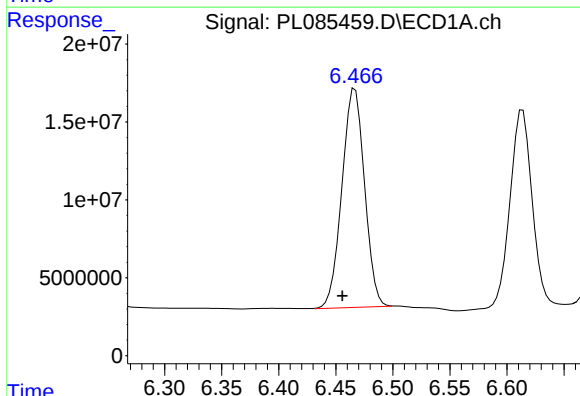
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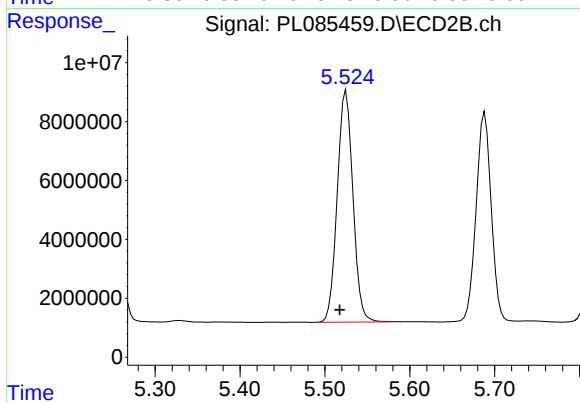
#13 Dieldrin

R.T.: 5.250 min
Delta R.T.: 0.007 min
Response: 112387656
Conc: 51.39 ng/ml



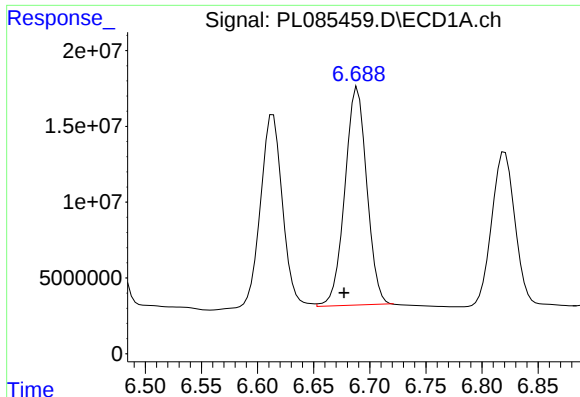
#14 Endrin

R.T.: 6.465 min
Delta R.T.: 0.010 min
Response: 193915692
Conc: 54.04 ng/ml m



#14 Endrin

R.T.: 5.524 min
Delta R.T.: 0.006 min
Response: 100964606
Conc: 53.90 ng/ml m



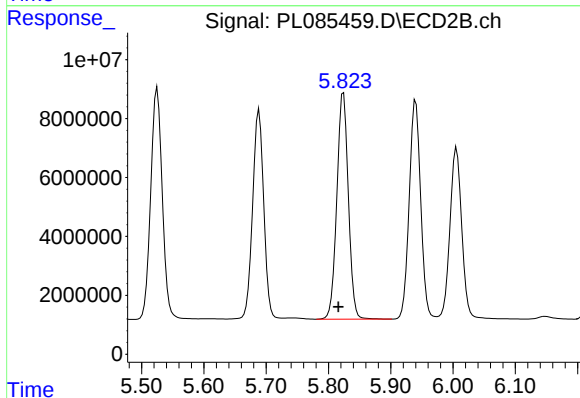
#15 Endosulfan II

R.T.: 6.689 min
Delta R.T.: 0.012 min
Response: 195455329
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

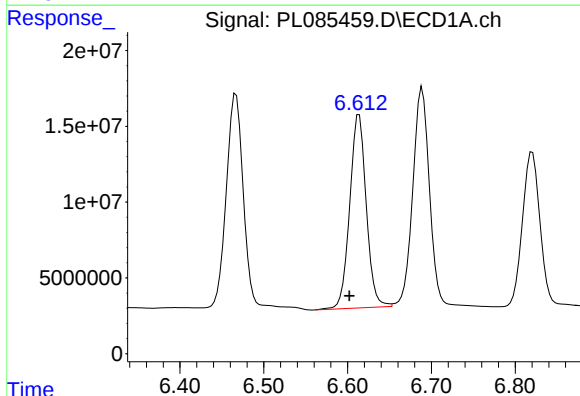
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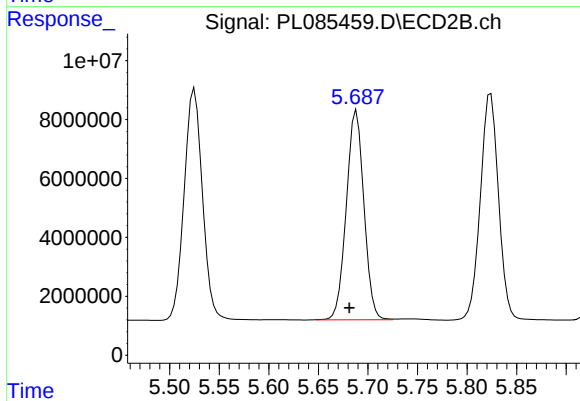
#15 Endosulfan II

R.T.: 5.824 min
Delta R.T.: 0.008 min
Response: 98507850
Conc: 50.23 ng/ml



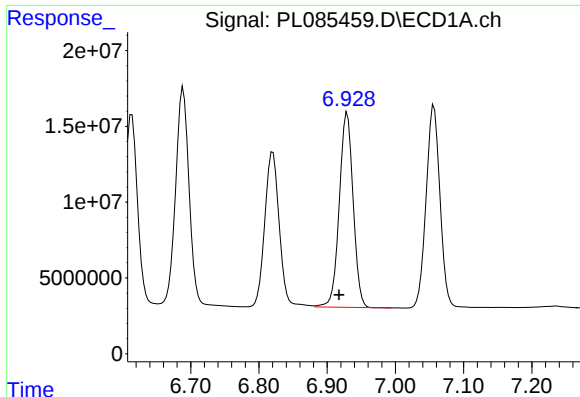
#16 4,4'-DDD

R.T.: 6.614 min
Delta R.T.: 0.012 min
Response: 174972915
Conc: 53.70 ng/ml



#16 4,4'-DDD

R.T.: 5.687 min
Delta R.T.: 0.006 min
Response: 87943967
Conc: 51.13 ng/ml m



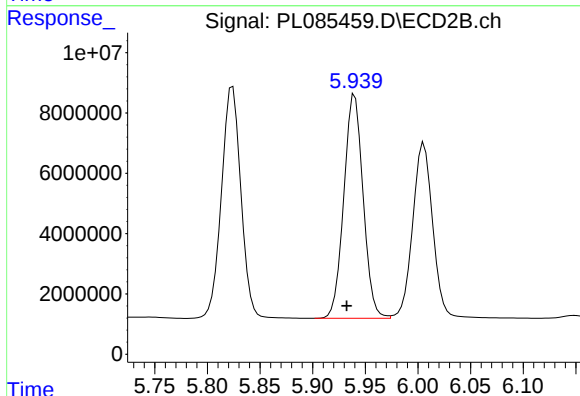
#17 4,4'-DDT

R.T.: 6.929 min
Delta R.T.: 0.012 min
Response: 181110027
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

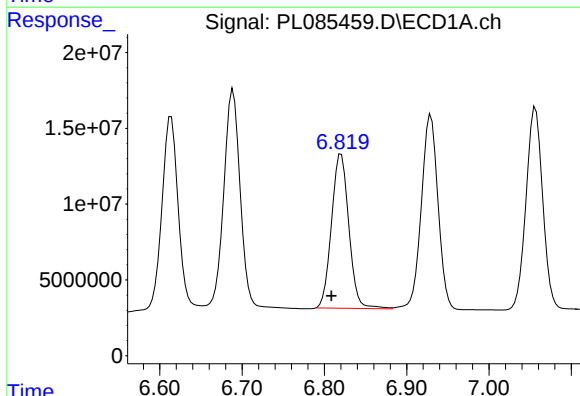
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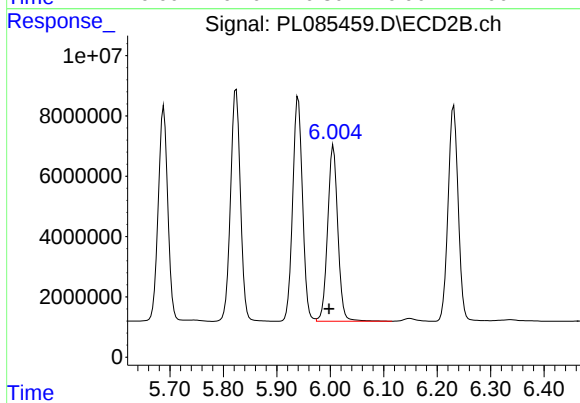
#17 4,4'-DDT

R.T.: 5.940 min
Delta R.T.: 0.008 min
Response: 95108152
Conc: 52.20 ng/ml



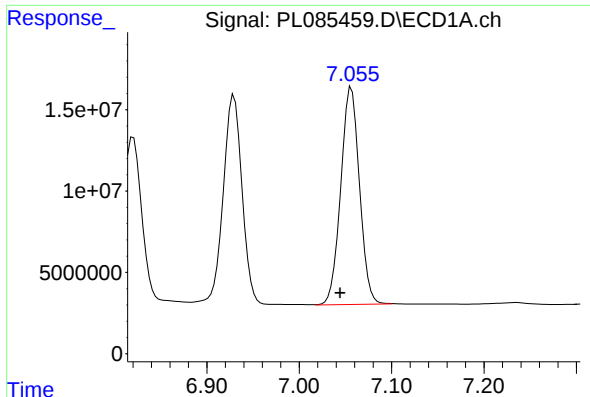
#18 Endrin aldehyde

R.T.: 6.820 min
Delta R.T.: 0.012 min
Response: 149067399
Conc: 51.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.006 min
Delta R.T.: 0.008 min
Response: 77436964
Conc: 48.87 ng/ml



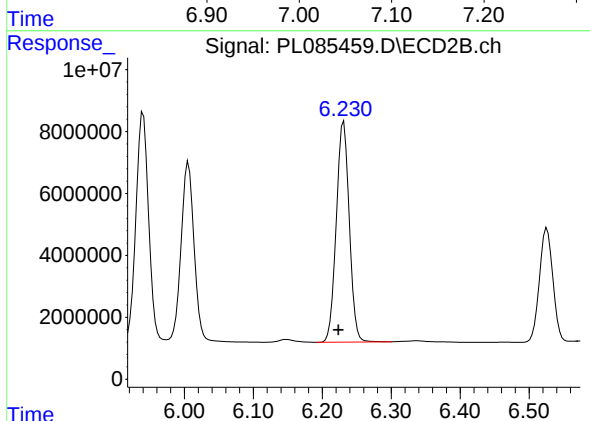
#19 Endosulfan Sulfate

R.T.: 7.055 min
Delta R.T.: 0.011 min
Response: 188361784
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

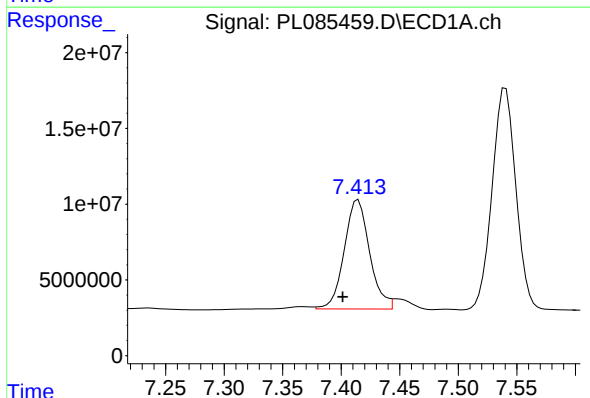
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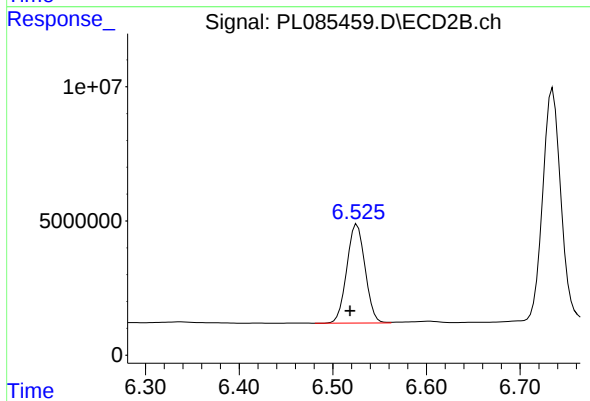
#19 Endosulfan Sulfate

R.T.: 6.231 min
Delta R.T.: 0.008 min
Response: 93325869
Conc: 49.62 ng/ml



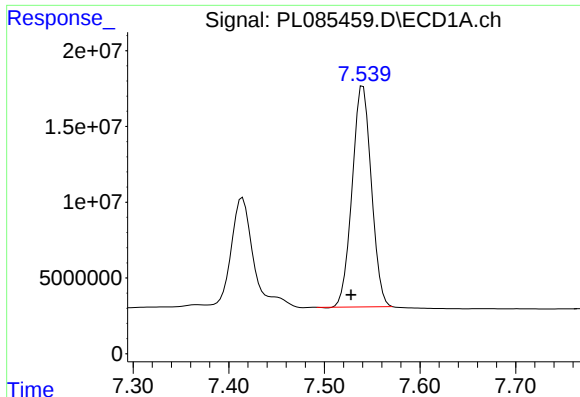
#20 Methoxychlor

R.T.: 7.413 min
Delta R.T.: 0.012 min
Response: 108304083
Conc: 49.42 ng/ml m



#20 Methoxychlor

R.T.: 6.526 min
Delta R.T.: 0.007 min
Response: 49932349
Conc: 47.07 ng/ml



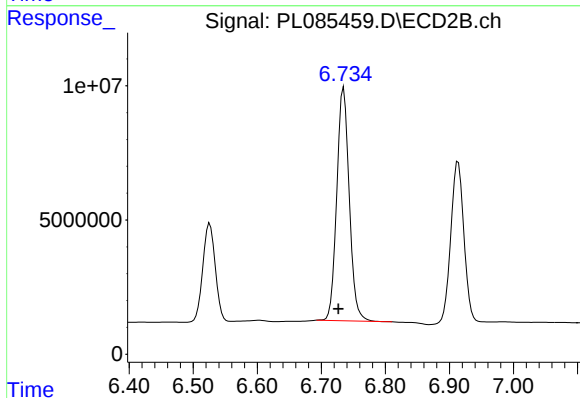
#21 Endrin ketone

R.T.: 7.540 min
Delta R.T.: 0.013 min
Response: 203859299
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

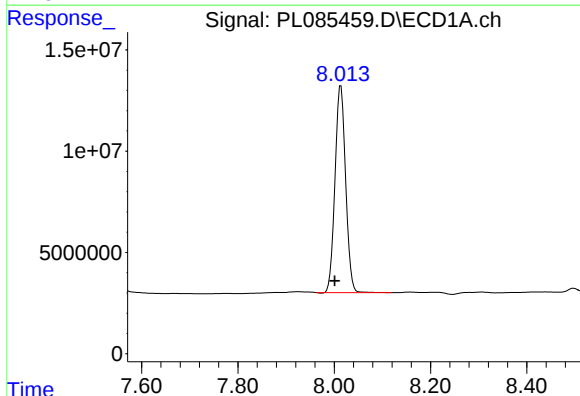
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2023
Supervised By :Ankita Jodhani 09/22/2023



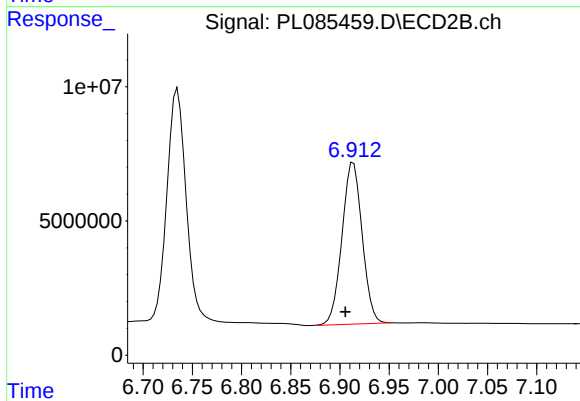
#21 Endrin ketone

R.T.: 6.735 min
Delta R.T.: 0.008 min
Response: 117681150
Conc: 47.13 ng/ml



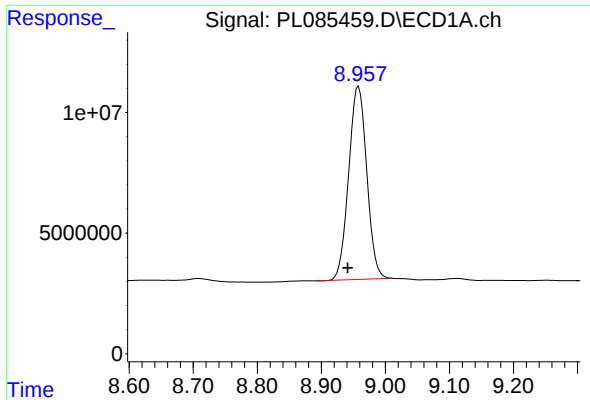
#22 Mirex

R.T.: 8.014 min
Delta R.T.: 0.012 min
Response: 156884858
Conc: 49.35 ng/ml



#22 Mirex

R.T.: 6.912 min
Delta R.T.: 0.007 min
Response: 86034998
Conc: 47.32 ng/ml m



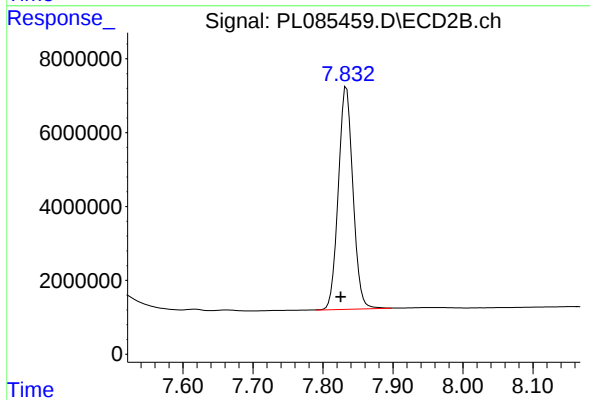
#28 Decachlorobiphenyl

R.T.: 8.958 min
Delta R.T.: 0.017 min
Response: 157097607
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 09/22/2023



#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: 0.007 min
Response: 87415700
Conc: 44.65 ng/ml m