

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083023\
 Data File : PL085085.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2023 13:37
 Operator : AR\AJ
 Sample : PB155211BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB155211BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/31/2023
 Supervised By : Ankita Jodhani 08/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 21:15:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.478	2.685	41457216	19402093	17.843	17.843
28)	SA Decachlor...	9.034	7.867	32232960	24473433	19.810	19.629
Target Compounds							
2)	A alpha-BHC	3.937	3.190	188.2E6	92097354	57.000	59.646
3)	MA gamma-BHC...	4.271	3.521	171.6E6	86516263	53.795	56.936
4)	MA Heptachlor	4.862	3.861	178.3E6	85632000	53.026m	60.129
5)	MB Aldrin	5.206	4.141	162.6E6	83532771	49.192	57.474
6)	B beta-BHC	4.471	3.823	74445355	37007896	53.292	55.234
7)	B delta-BHC	4.718	4.051	170.7E6	86324769	52.948	56.859
8)	B Heptachlo...	5.636	4.648	155.2E6	76866099	51.522	57.933
9)	A Endosulfan I	6.022	5.018	132.3E6	73002583	50.260	58.906
10)	B gamma-Chl...	5.893	4.901	143.0E6	79619499	49.953	58.705
11)	B alpha-Chl...	5.974	4.965	140.0E6	78853756	49.605	57.874
12)	B 4,4'-DDE	6.153	5.163	122.0E6	73547548	53.153	59.724
13)	MA Dieldrin	6.300	5.285	131.3E6	77376575	49.678	56.987
14)	MA Endrin	6.530	5.560	108.7E6	69167949	49.849	56.546
15)	B Endosulfa...	6.750	5.858	103.9E6	66297335	49.121	54.946
16)	A 4,4'-DDD	6.672	5.721	95713856	63222387	57.088	61.189
17)	MA 4,4'-DDT	6.988	5.973	101.5E6	65822223	54.161	56.716
18)	B Endrin al...	6.881	6.040	85710576	54605029	50.808	55.059
19)	B Endosulfa...	7.117	6.265	105.4E6	69115952	52.759	58.120
20)	A Methoxychlor	7.470	6.558	50008355	34959569	52.109	50.954
21)	B Endrin ke...	7.602	6.770	108.1E6	82803515	54.046	57.390
22)	Mirex	8.078	6.950	85060673	63246804	51.216	54.841

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083023\
Data File : PL085085.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Aug 2023 13:37
Operator : AR\AJ
Sample : PB155211BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB155211BS

Manual Integrations

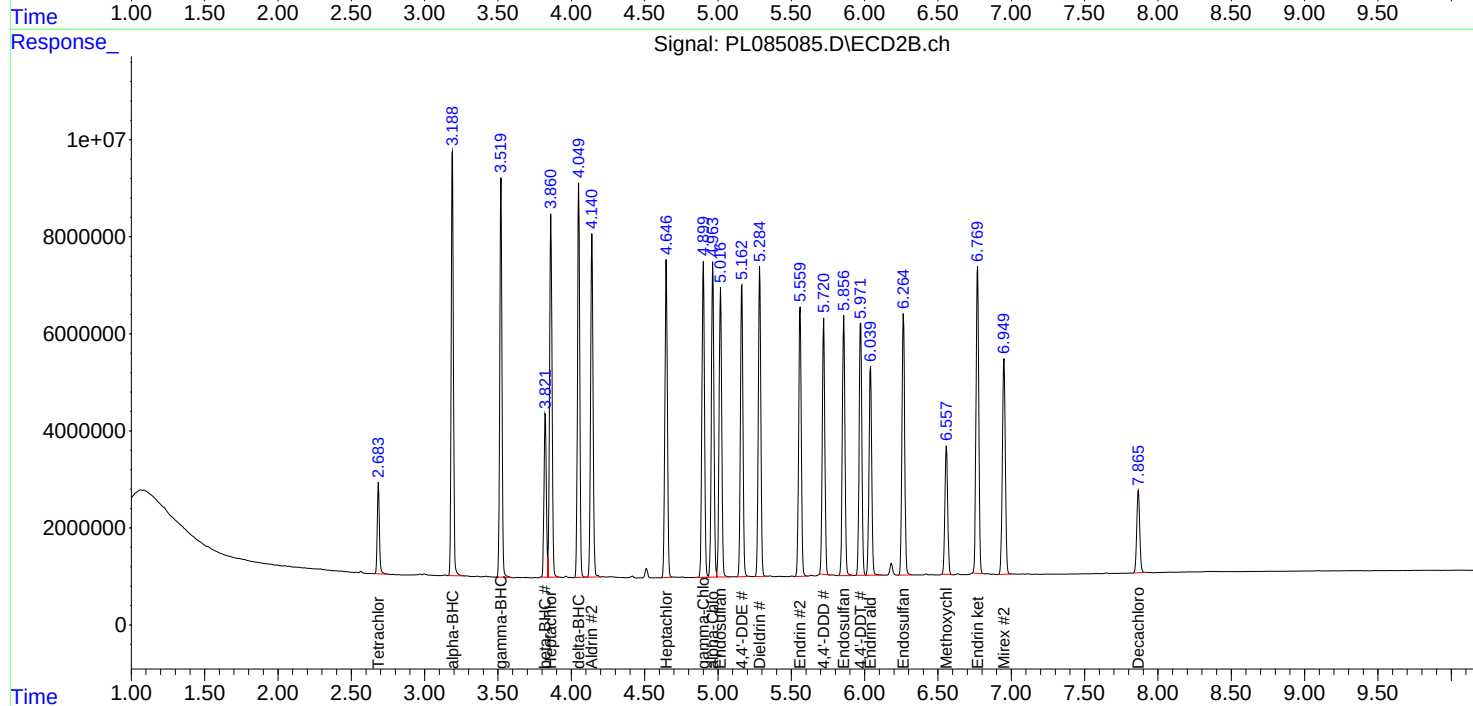
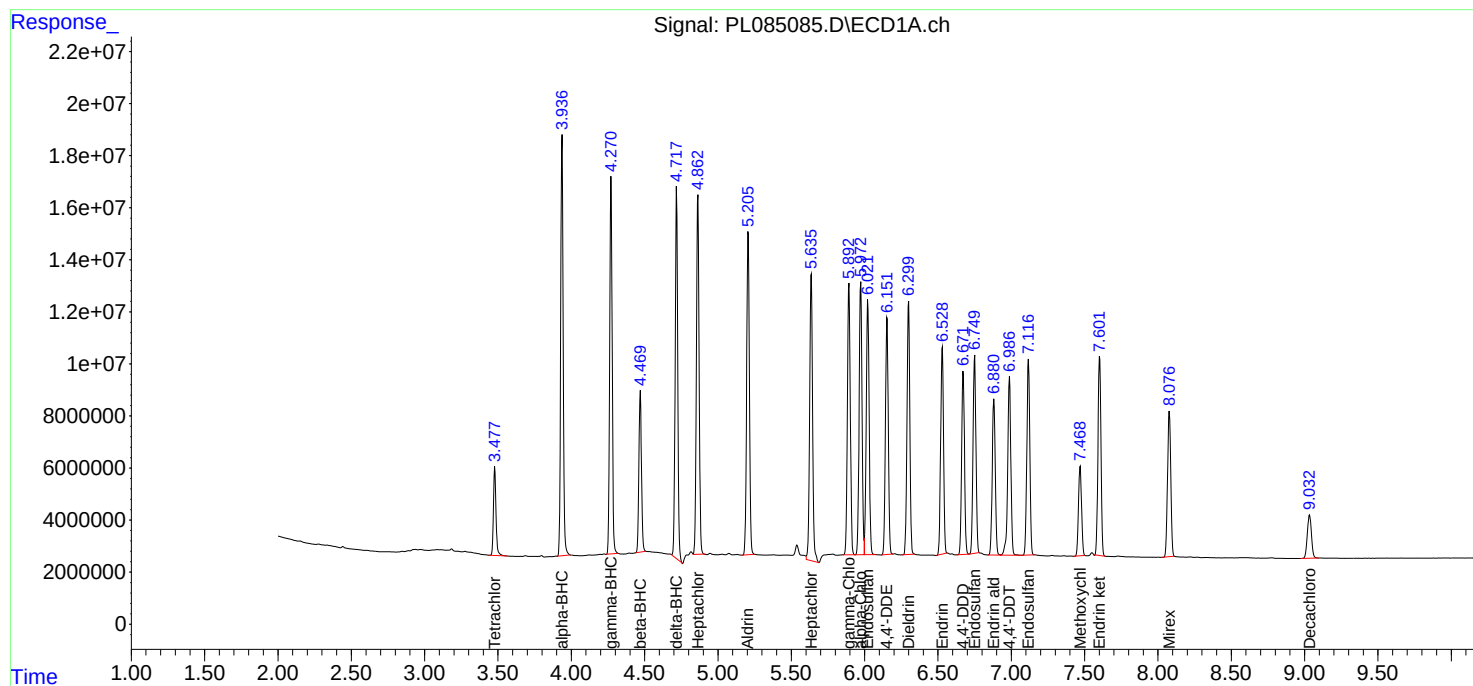
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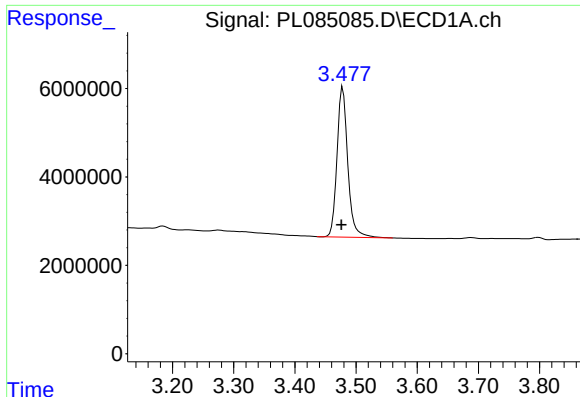
Reviewed By :Abdul Mirza 08/31/2023

Supervised By :Ankita Jodhani 08/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 21:15:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 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





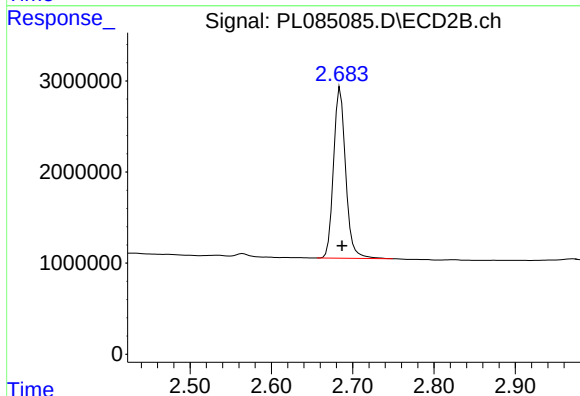
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.002 min
Response: 41457216
Conc: 17.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

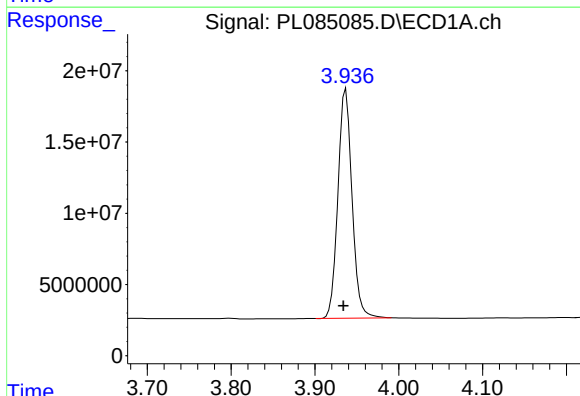
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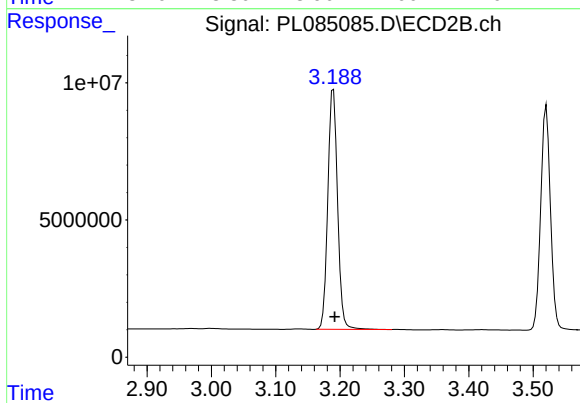
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.002 min
Response: 19402093
Conc: 17.84 ng/ml



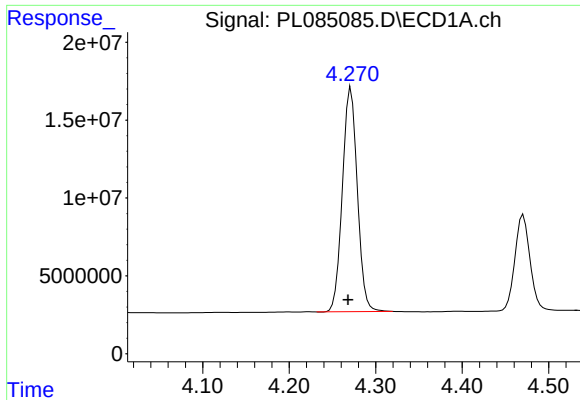
#2 alpha-BHC

R.T.: 3.937 min
Delta R.T.: 0.003 min
Response: 188180735
Conc: 57.00 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 92097354
Conc: 59.65 ng/ml



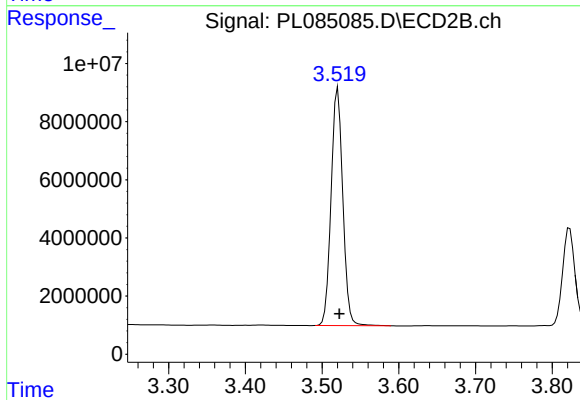
#3 gamma-BHC (Lindane)

R.T.: 4.271 min
Delta R.T.: 0.003 min
Response: 171605462
Conc: 53.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

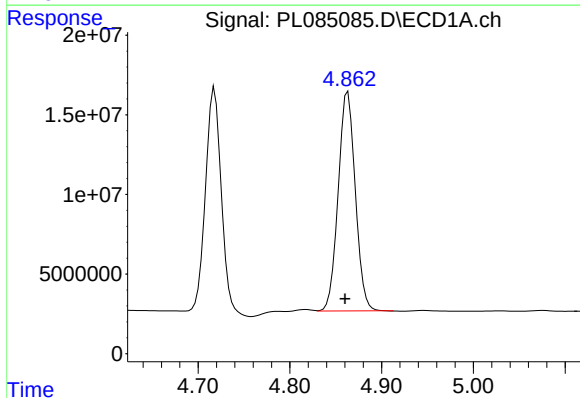
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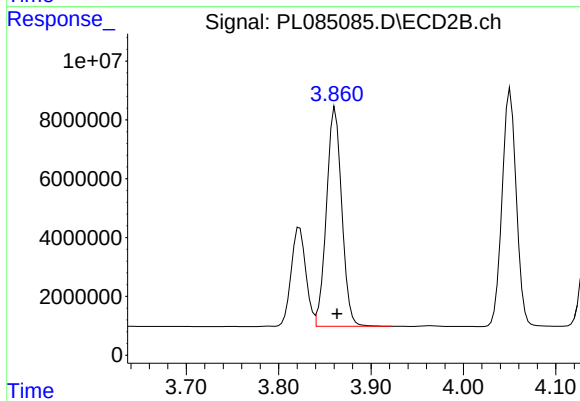
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 86516263
Conc: 56.94 ng/ml



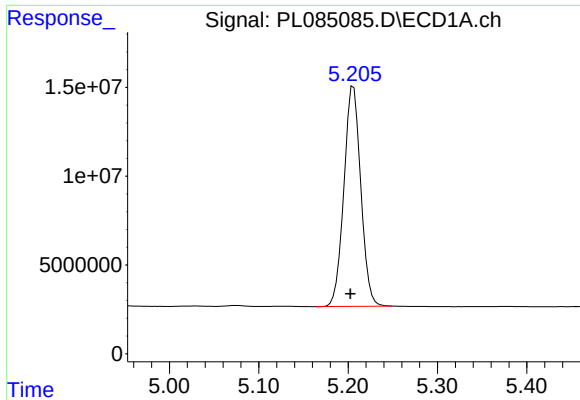
#4 Heptachlor

R.T.: 4.862 min
Delta R.T.: 0.002 min
Response: 178318146
Conc: 53.03 ng/ml m



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.002 min
Response: 85632000
Conc: 60.13 ng/ml



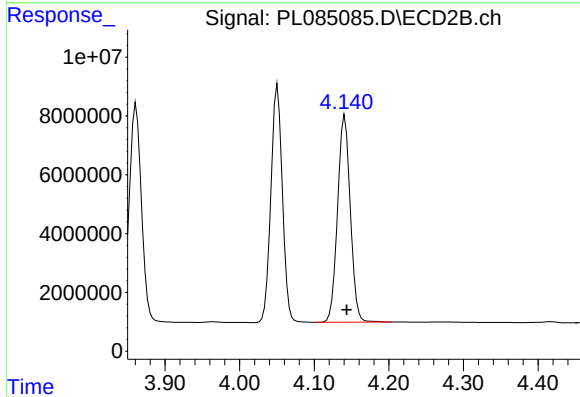
#5 Aldrin

R.T.: 5.206 min
Delta R.T.: 0.003 min
Response: 162598322
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

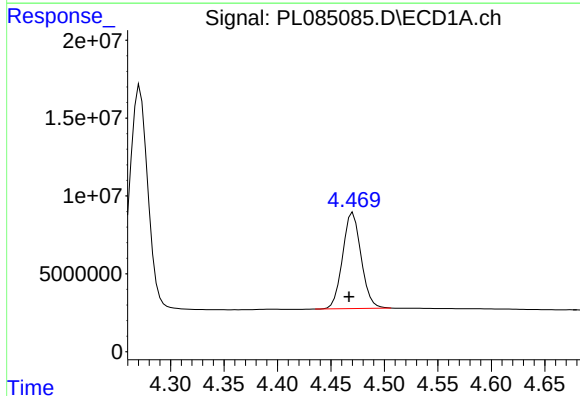
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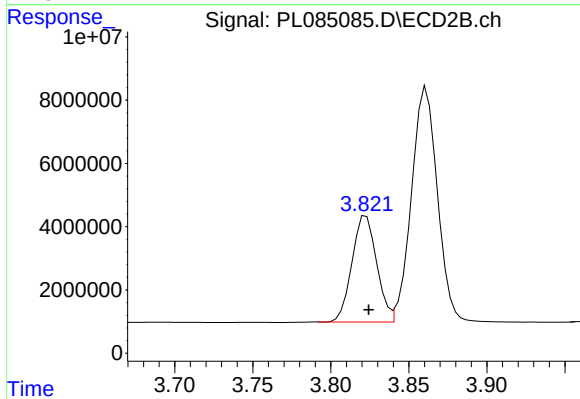
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.002 min
Response: 83532771
Conc: 57.47 ng/ml



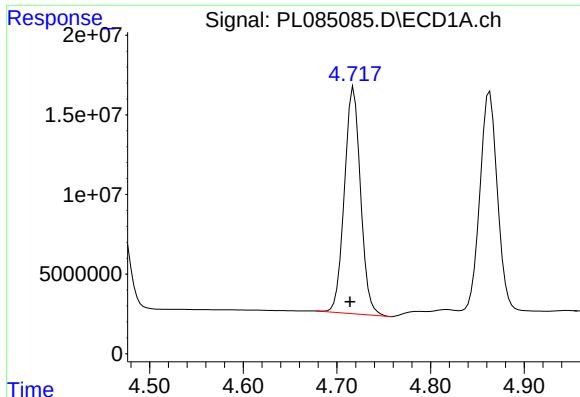
#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.004 min
Response: 74445355
Conc: 53.29 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.002 min
Response: 37007896
Conc: 55.23 ng/ml



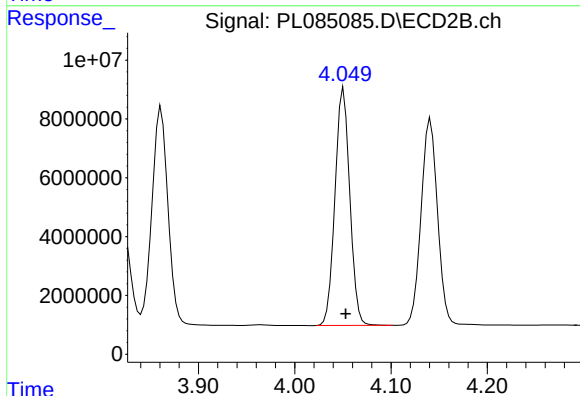
#7 delta-BHC

R.T.: 4.718 min
Delta R.T.: 0.004 min
Response: 170743406
Conc: 52.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

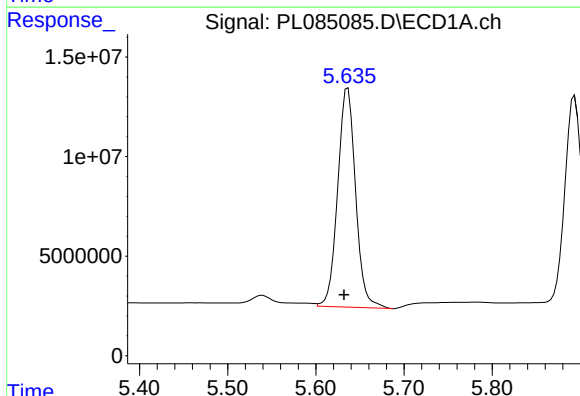
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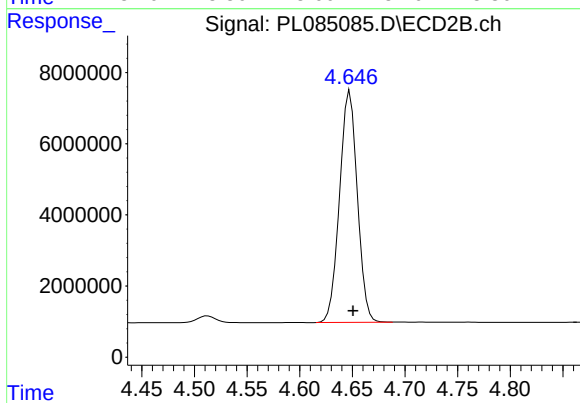
#7 delta-BHC

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 86324769
Conc: 56.86 ng/ml



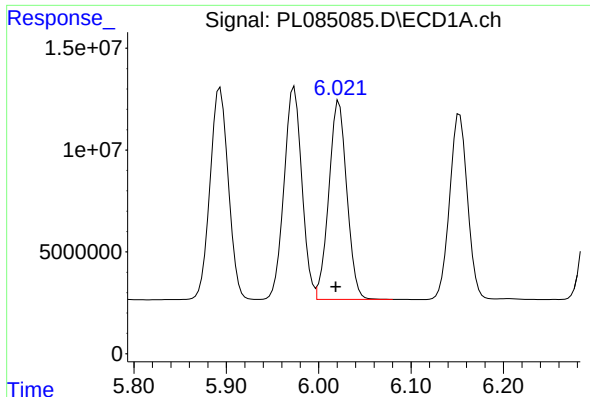
#8 Heptachlor epoxide

R.T.: 5.636 min
Delta R.T.: 0.004 min
Response: 155220683
Conc: 51.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.003 min
Response: 76866099
Conc: 57.93 ng/ml



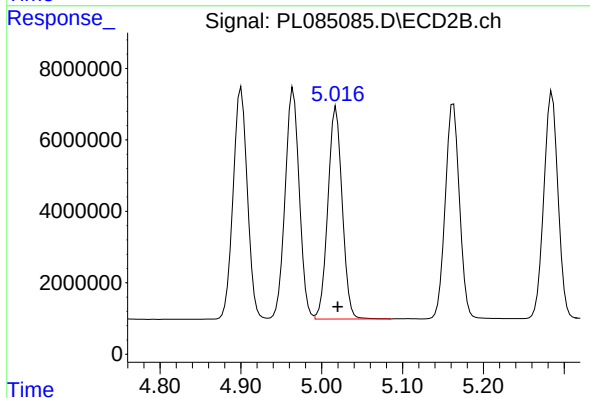
#9 Endosulfan I

R.T.: 6.022 min
Delta R.T.: 0.004 min
Response: 132297255
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

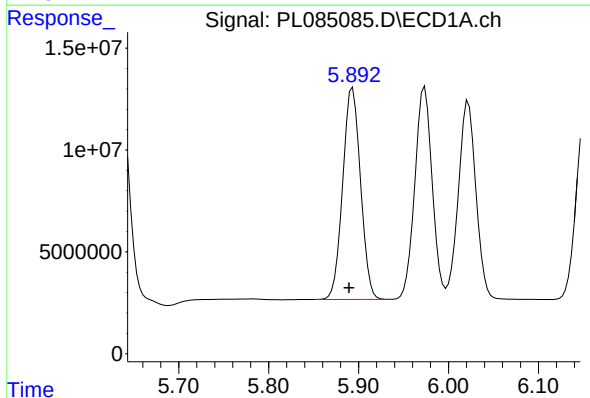
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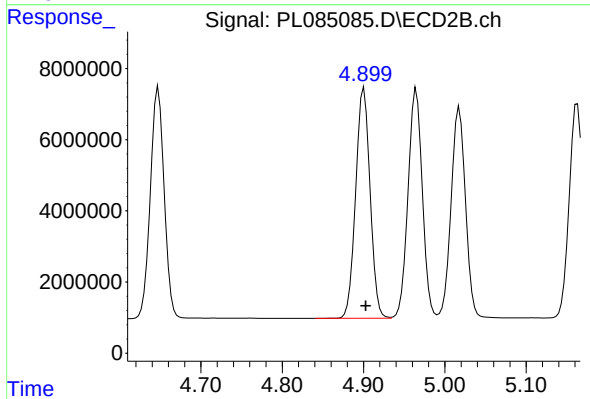
#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: -0.002 min
Response: 73002583
Conc: 58.91 ng/ml



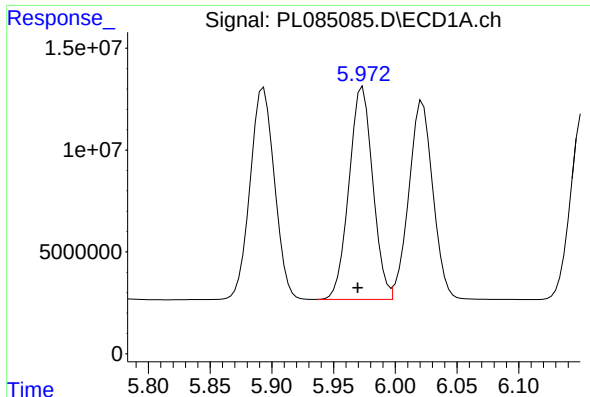
#10 gamma-Chlordane

R.T.: 5.893 min
Delta R.T.: 0.004 min
Response: 143047011
Conc: 49.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 79619499
Conc: 58.71 ng/ml



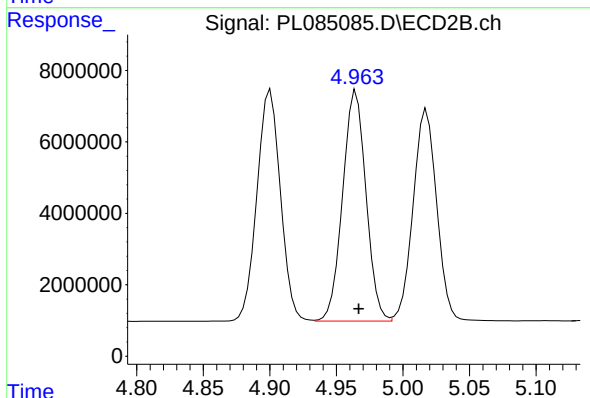
#11 alpha-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.004 min
Response: 140043603
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

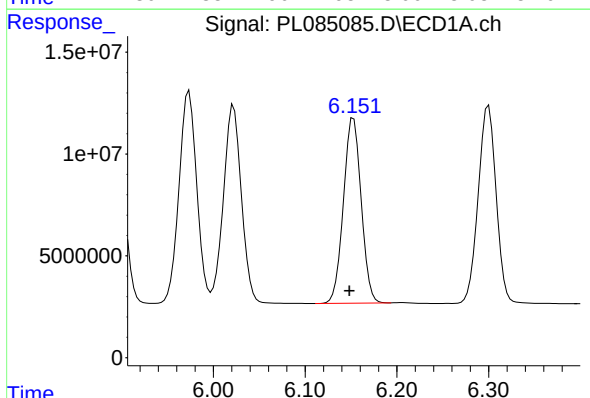
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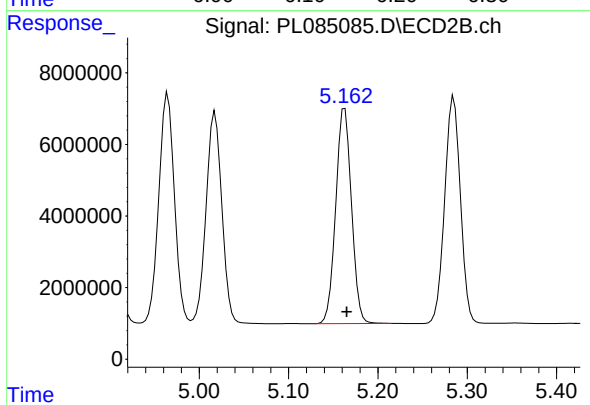
#11 alpha-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 78853756
Conc: 57.87 ng/ml



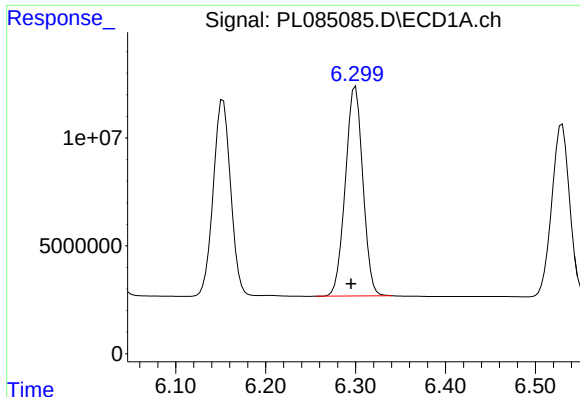
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.004 min
Response: 122001314
Conc: 53.15 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 73547548
Conc: 59.72 ng/ml



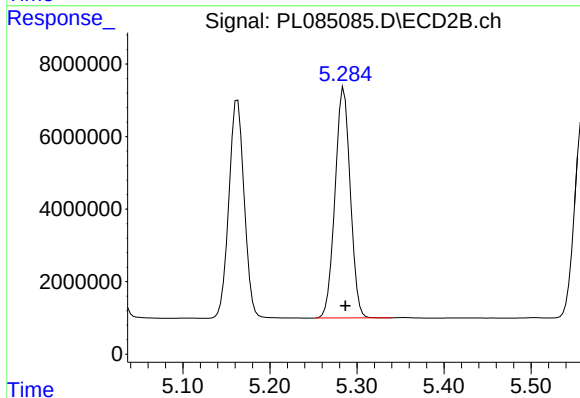
#13 Dieldrin

R.T.: 6.300 min
Delta R.T.: 0.005 min
Response: 131280972
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

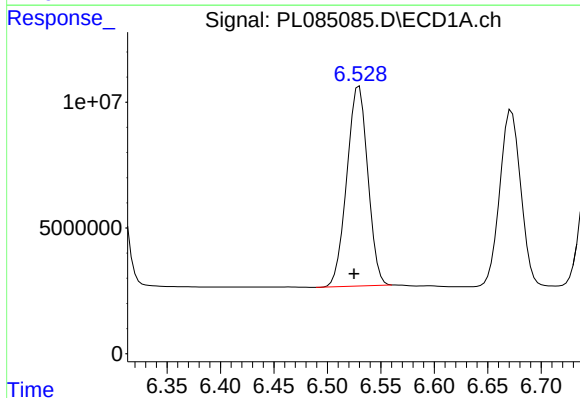
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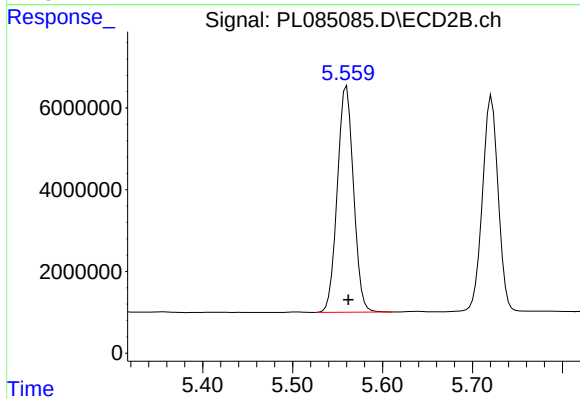
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 77376575
Conc: 56.99 ng/ml



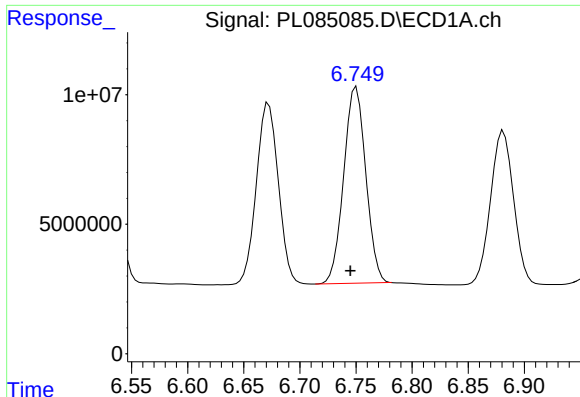
#14 Endrin

R.T.: 6.530 min
Delta R.T.: 0.005 min
Response: 108720209
Conc: 49.85 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 69167949
Conc: 56.55 ng/ml



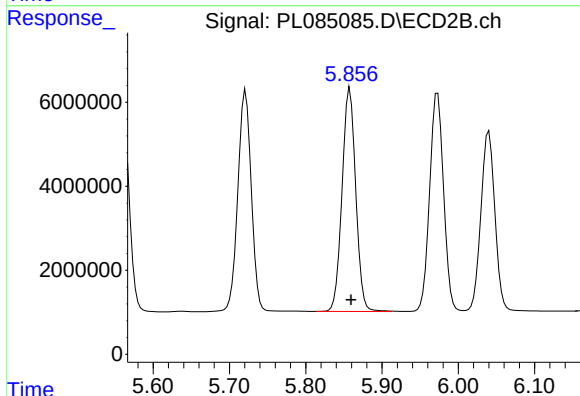
#15 Endosulfan II

R.T.: 6.750 min
Delta R.T.: 0.005 min
Response: 103891004
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

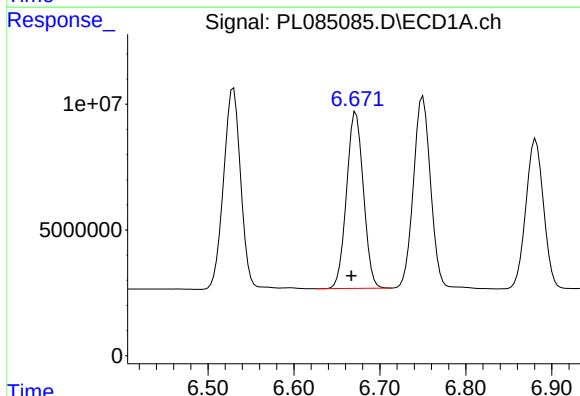
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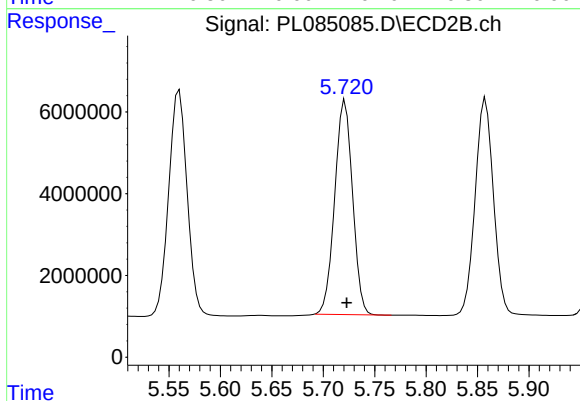
#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 66297335
Conc: 54.95 ng/ml



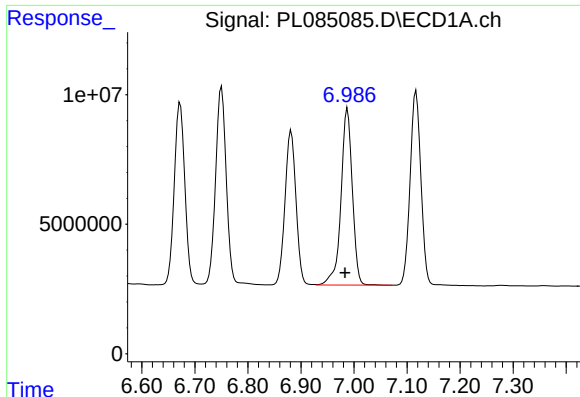
#16 4,4'-DDD

R.T.: 6.672 min
Delta R.T.: 0.005 min
Response: 95713856
Conc: 57.09 ng/ml



#16 4,4'-DDD

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 63222387
Conc: 61.19 ng/ml



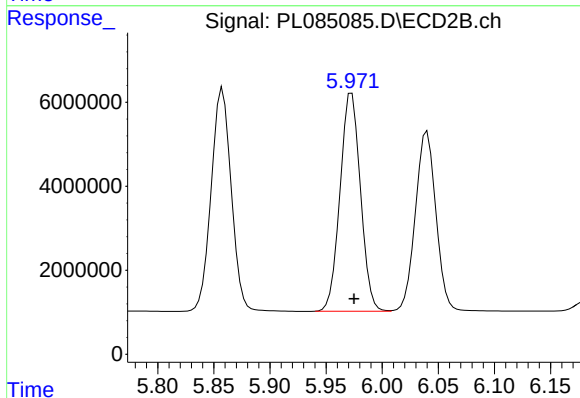
#17 4,4'-DDT

R.T.: 6.988 min
Delta R.T.: 0.005 min
Response: 101481085
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

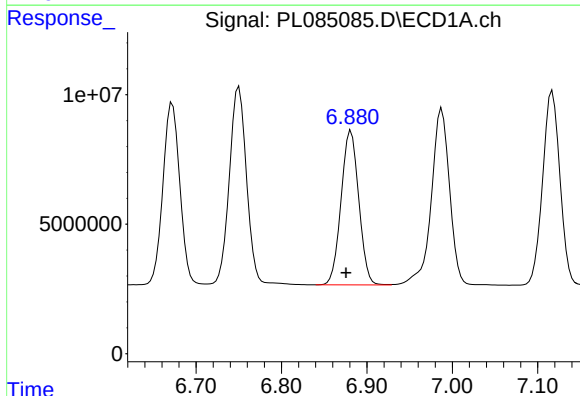
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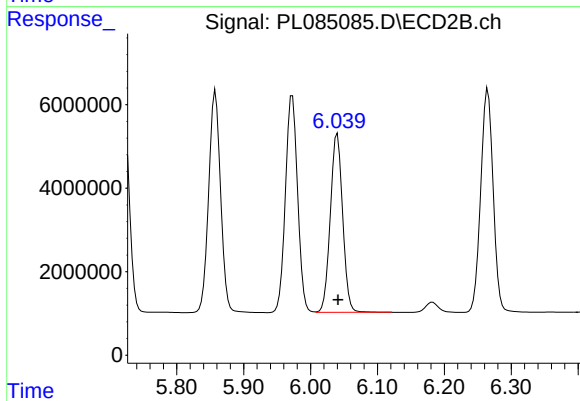
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 65822223
Conc: 56.72 ng/ml



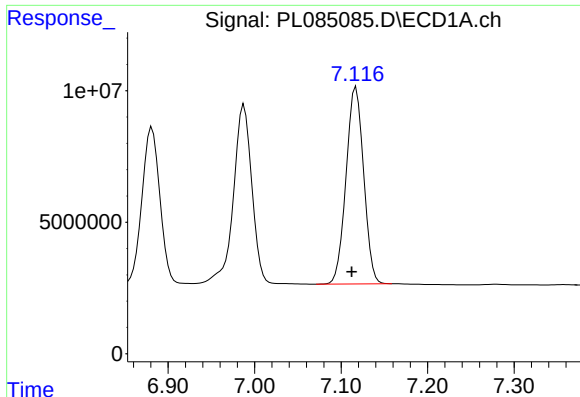
#18 Endrin aldehyde

R.T.: 6.881 min
Delta R.T.: 0.006 min
Response: 85710576
Conc: 50.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 54605029
Conc: 55.06 ng/ml



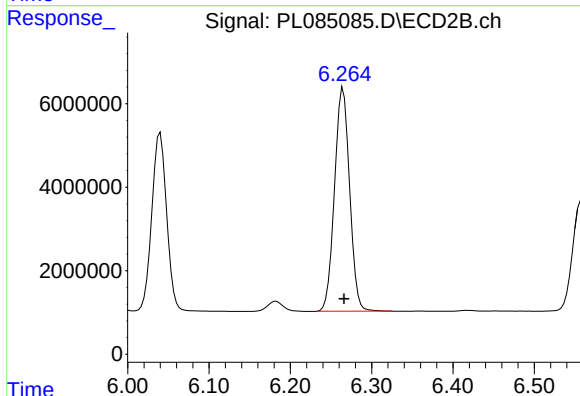
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.005 min
Response: 105396007
Conc: 52.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

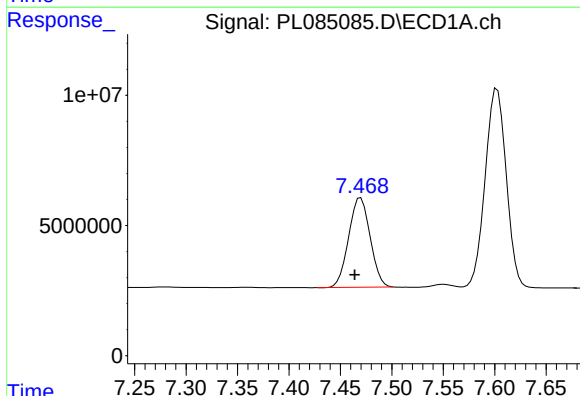
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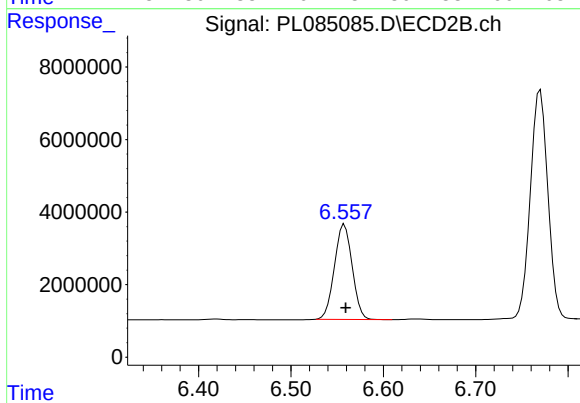
#19 Endosulfan Sulfate

R.T.: 6.265 min
Delta R.T.: -0.001 min
Response: 69115952
Conc: 58.12 ng/ml



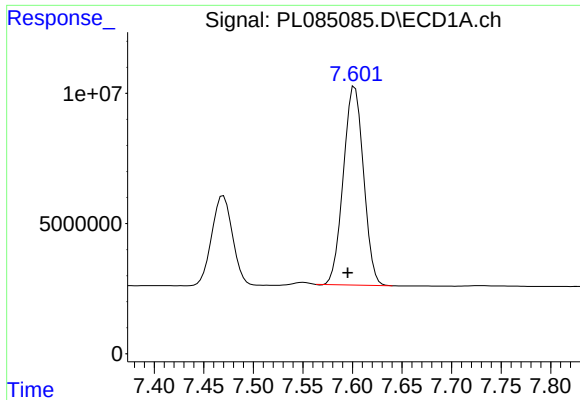
#20 Methoxychlor

R.T.: 7.470 min
Delta R.T.: 0.006 min
Response: 50008355
Conc: 52.11 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 34959569
Conc: 50.95 ng/ml



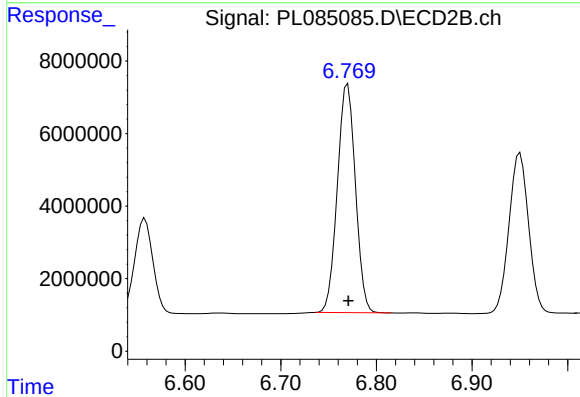
#21 Endrin ketone

R.T.: 7.602 min
Delta R.T.: 0.007 min
Response: 108114955
Conc: 54.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

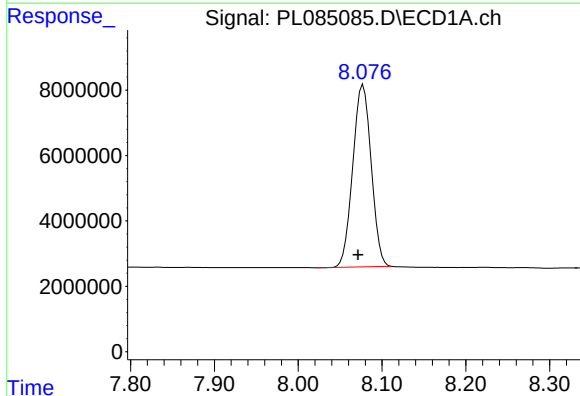
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Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



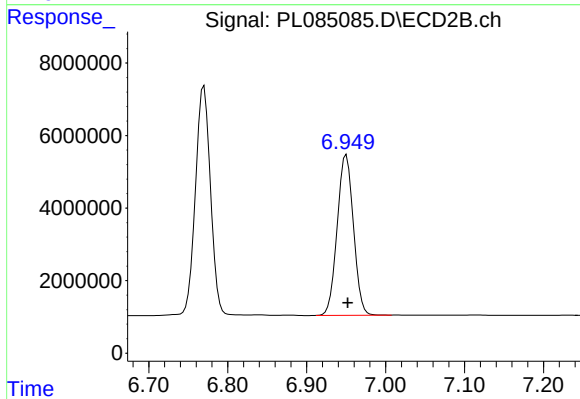
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 82803515
Conc: 57.39 ng/ml



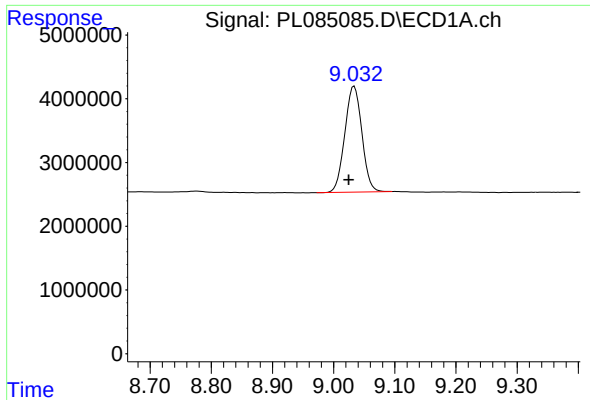
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.006 min
Response: 85060673
Conc: 51.22 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.002 min
Response: 63246804
Conc: 54.84 ng/ml



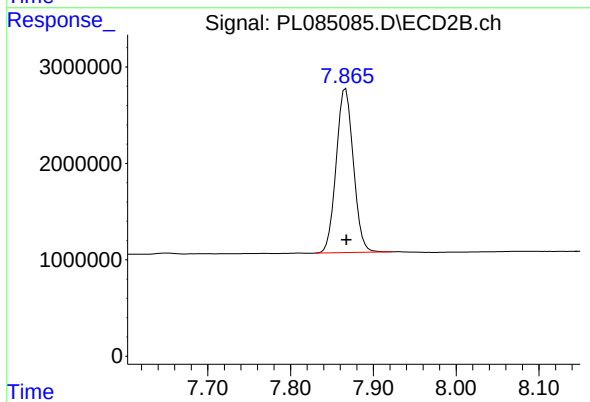
#28 Decachlorobiphenyl

R.T.: 9.034 min
Delta R.T.: 0.009 min
Response: 32232960
Conc: 19.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155211BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/31/2023



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.001 min
Response: 24473433
Conc: 19.63 ng/ml