

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101123\
 Data File : PL085867.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 18:18
 Operator : AR\AJ
 Sample : 04805-03MSD 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 B-1(0-5)MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/19/2023
 Supervised By : Ankita Jodhani 10/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 04:48:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.354	2.621	1047486	947811	0.352m	1.015 #
28)	SA Decachlor...	8.883f	7.770	18496955	2631787	8.492m	2.851m#
Target Compounds							
2)	A alpha-BHC	3.809	3.118	10320153	2479676	2.405	1.971m
3)	MA gamma-BHC...	4.140	3.447	12217932	3359536	2.956m	2.724m
4)	MA Heptachlor	4.727	3.783	8372431	1994765	2.165m	1.715m
5)	MB Aldrin	5.067	4.061	8621993	2919256	2.224m	2.611
6)	B beta-BHC	4.345	3.749	10605023	1517261	6.413m	2.915m#
7)	B delta-BHC	4.586	3.974	9701713	3244640	2.530m	2.824
8)	B Heptachlo...	5.498	4.566	7851503	2427039	2.276m	2.416
9)	A Endosulfan I	5.878	4.941	8268396	1959137	2.557m	1.826m#
10)	B gamma-Chl...	5.754	4.816	9428804	2380562	2.756m	2.404m
11)	B alpha-Chl...	5.833	4.881	11550885	2918628	3.380m	2.676m
12)	B 4,4'-DDE	6.021	5.080	3108378	2936382	1.112m	3.576 #
13)	MA Dieldrin	6.161	5.203	8463691	4407744	2.576	4.543m#
14)	MA Endrin	6.386	5.473	5892651	2613851	2.068m	2.907 #
15)	B Endosulfa...	6.609	5.772	9145326	4144998	3.319m	4.359 #
16)	A 4,4'-DDD	6.535	5.634	5746753	1949003	2.852m	2.800m
17)	MA 4,4'-DDT	6.852	5.885	4158778	2904947	1.764m	3.674m#
18)	B Endrin al...	6.742	5.952	5378232	2839659	2.654	3.808 #
19)	B Endosulfa...	6.976	6.178	6629088	2918238	2.641	3.235
20)	A Methoxychlor	7.347	6.479	3881327	4753526	2.779m	9.036 #
21)	B Endrin ke...	7.459	6.676	6037813	2073627	2.096m	1.804m
22)	Mirex	7.931	6.852	6769198	5617967	3.057m	5.956 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101123\
Data File : PL085867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2023 18:18
Operator : AR\AJ
Sample : 04805-03MSD 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

B-1(0-5)MSD

Manual Integrations

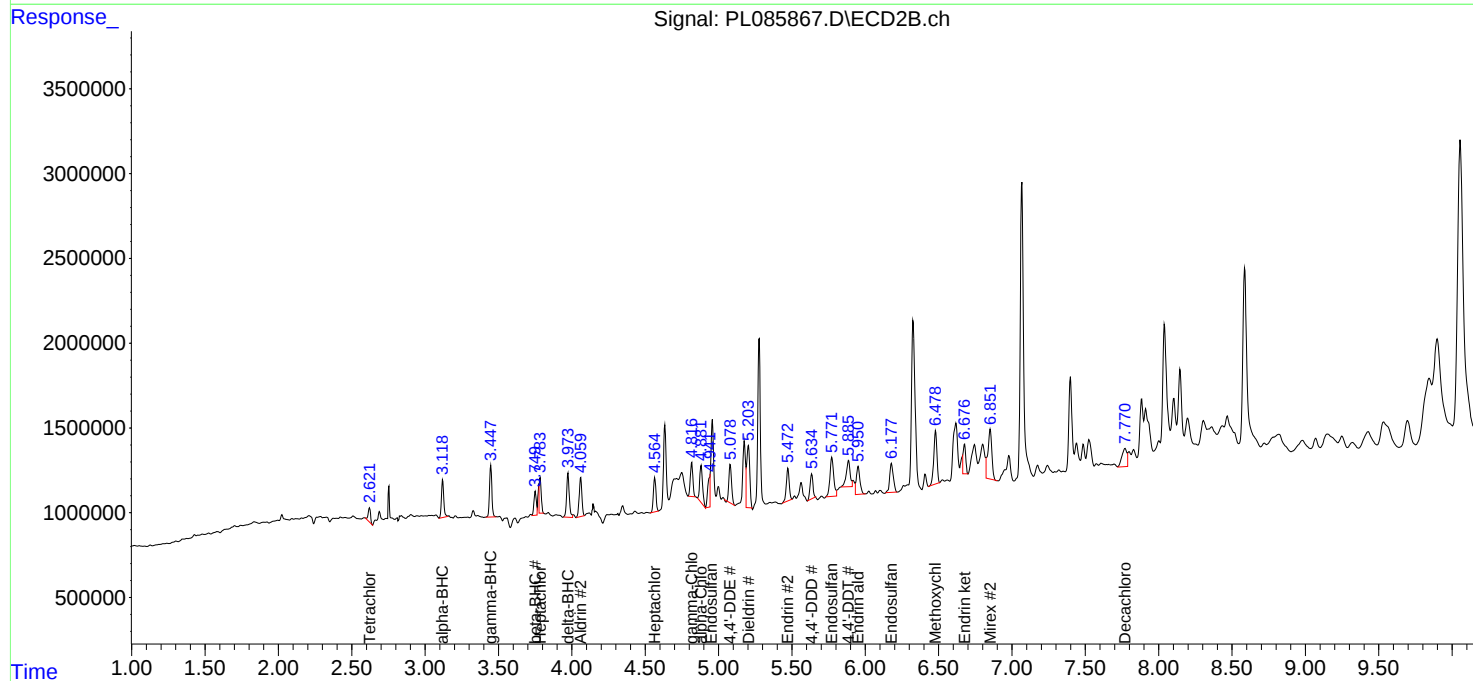
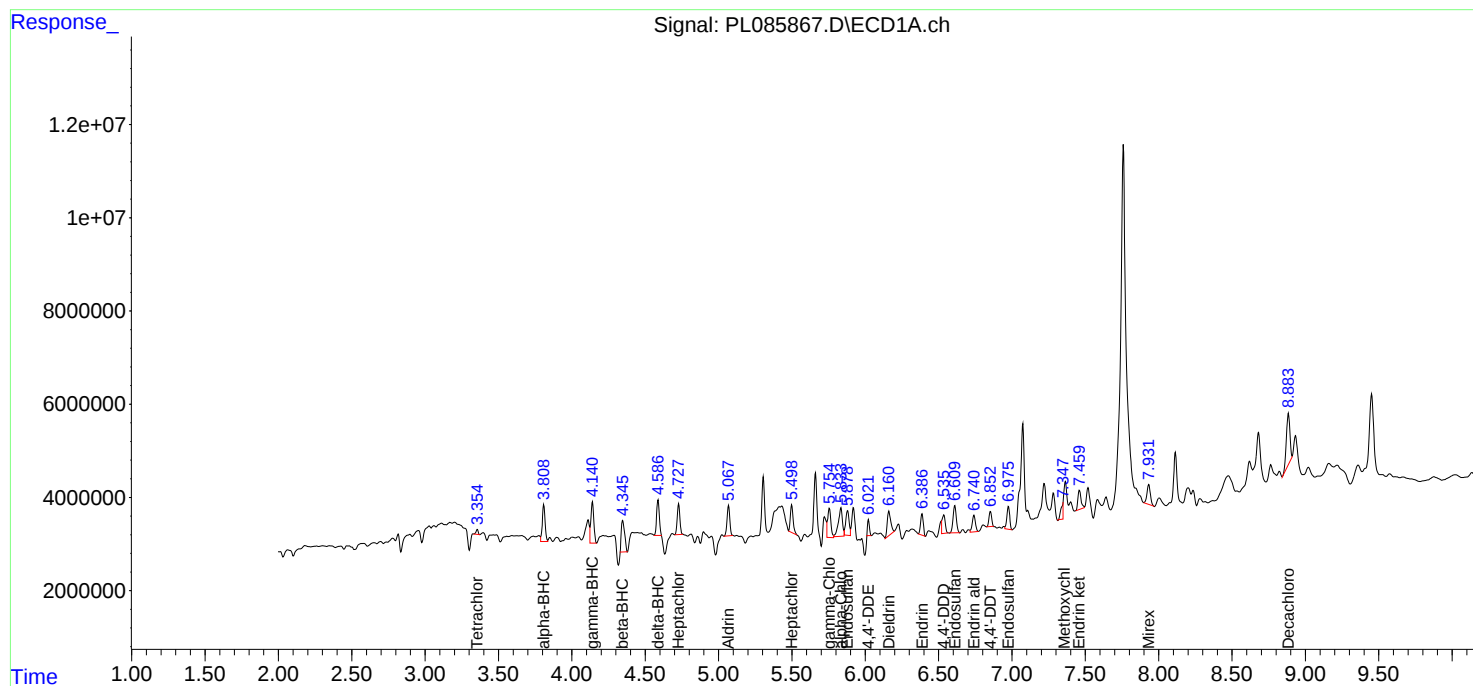
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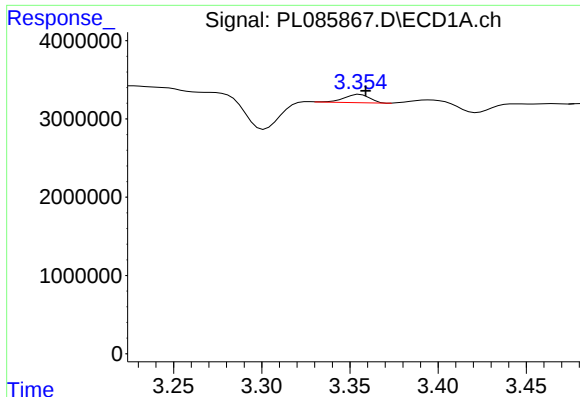
Reviewed By :Abdul Mirza 10/19/2023

Supervised By :Ankita Jodhani 10/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 12 04:48:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
Response via : Initial Calibration
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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





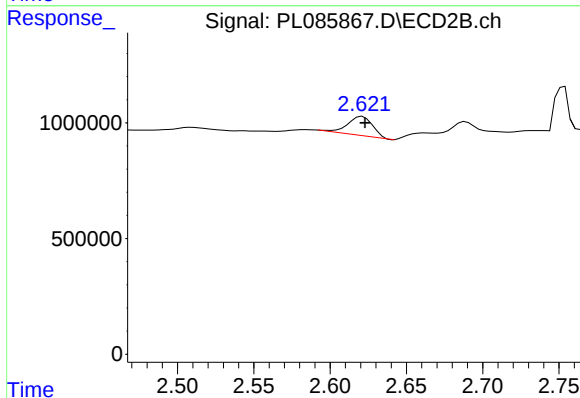
#1 Tetrachloro-m-xylene

R.T.: 3.354 min
Delta R.T.: -0.005 min
Response: 1047486
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

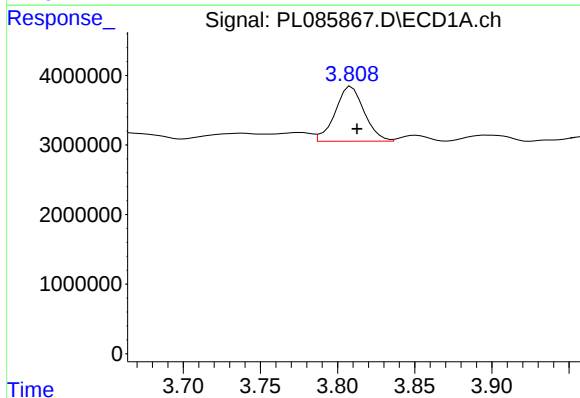
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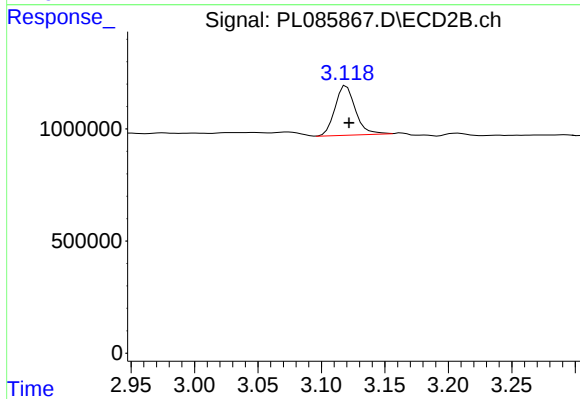
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 947811
Conc: 1.01 ng/ml



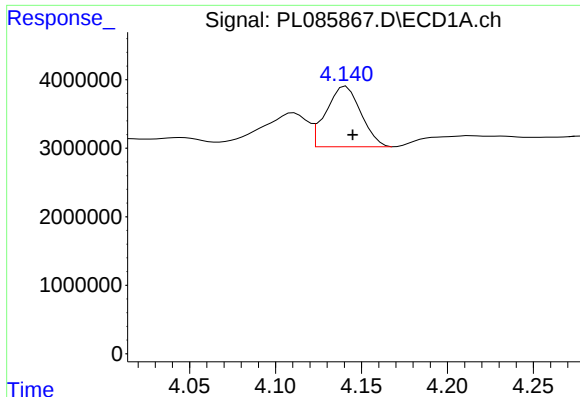
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 10320153
Conc: 2.40 ng/ml



#2 alpha-BHC

R.T.: 3.118 min
Delta R.T.: -0.003 min
Response: 2479676
Conc: 1.97 ng/ml m



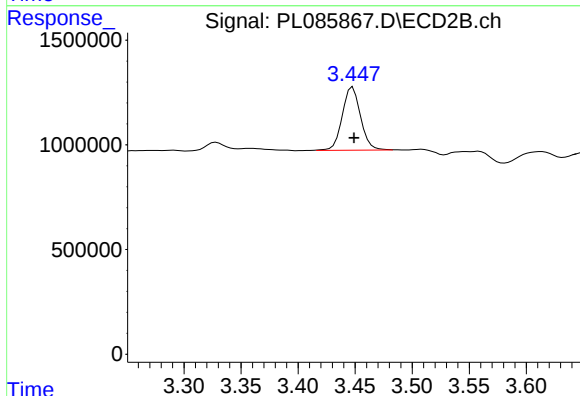
#3 gamma-BHC (Lindane)

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 12217932
Conc: 2.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

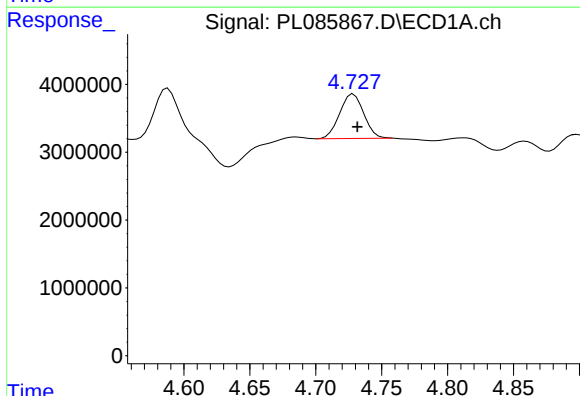
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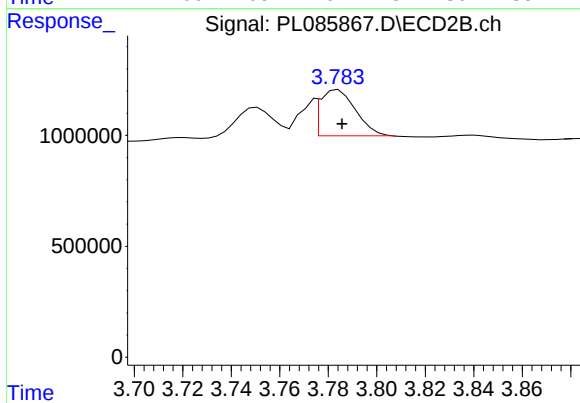
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.003 min
Response: 3359536
Conc: 2.72 ng/ml m



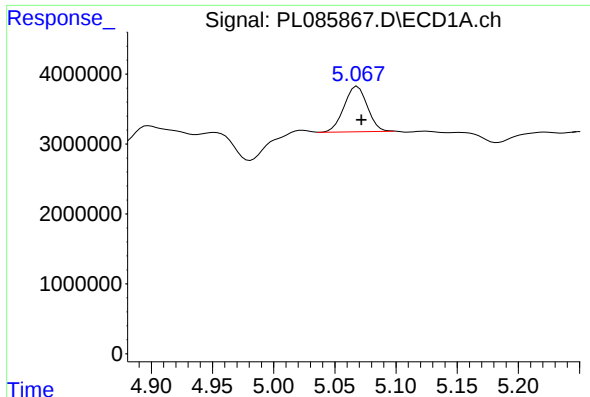
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.004 min
Response: 8372431
Conc: 2.16 ng/ml m



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 1994765
Conc: 1.72 ng/ml m



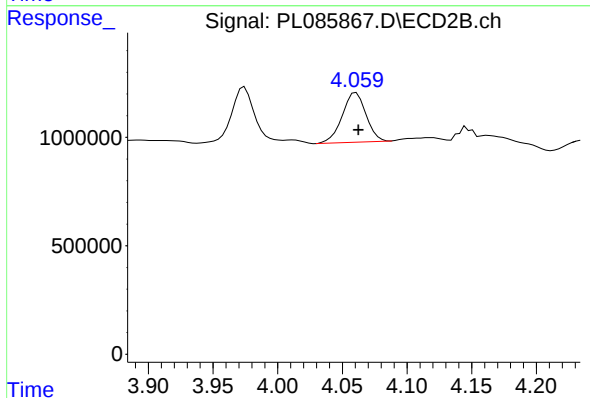
#5 Aldrin

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 8621993
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

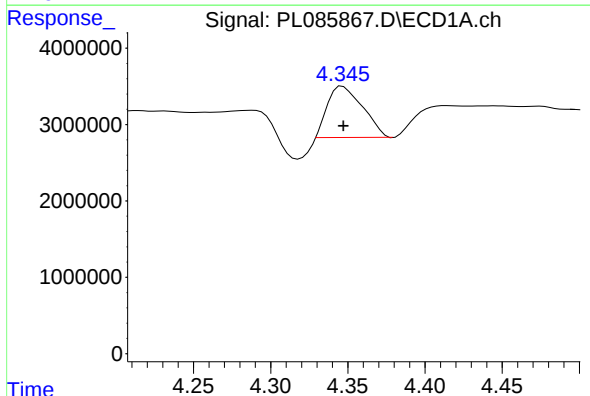
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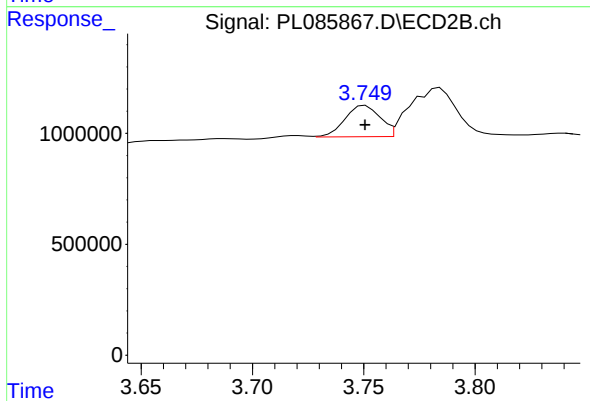
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.002 min
Response: 2919256
Conc: 2.61 ng/ml



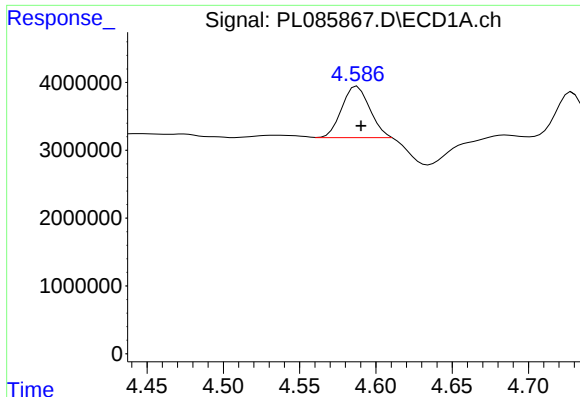
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: -0.002 min
Response: 10605023
Conc: 6.41 ng/ml m



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.001 min
Response: 1517261
Conc: 2.91 ng/ml m



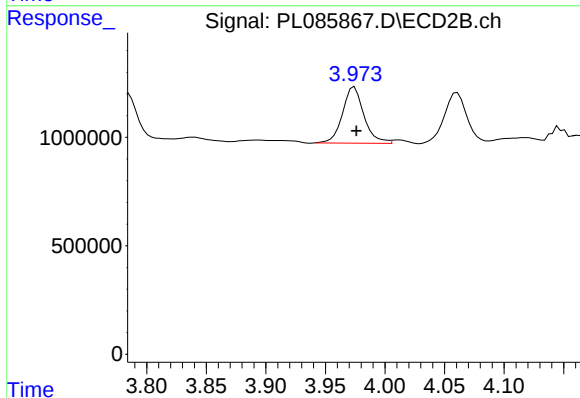
#7 delta-BHC

R.T.: 4.586 min
Delta R.T.: -0.004 min
Response: 9701713
Conc: 2.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

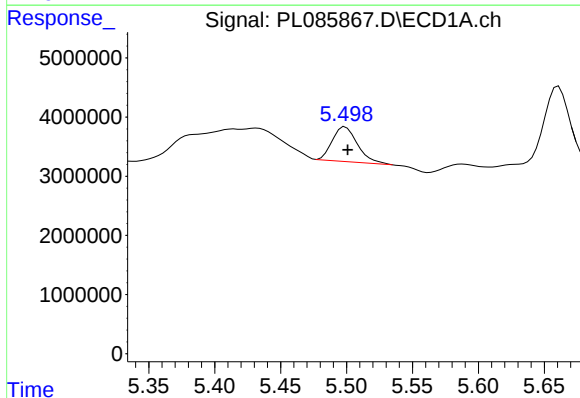
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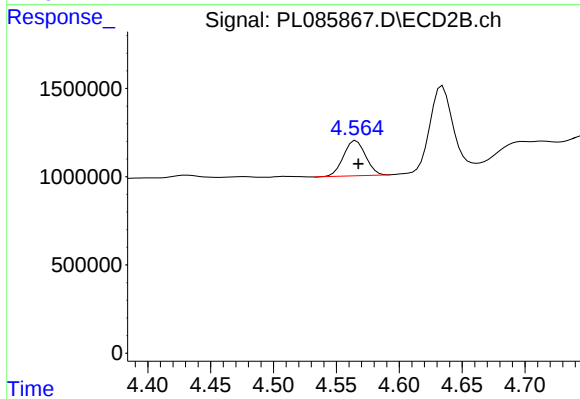
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 3244640
Conc: 2.82 ng/ml



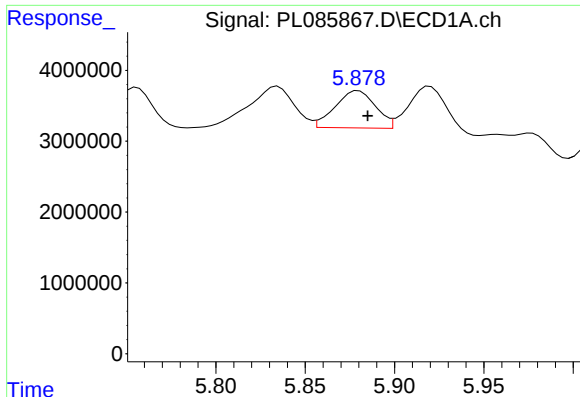
#8 Heptachlor epoxide

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 7851503
Conc: 2.28 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 2427039
Conc: 2.42 ng/ml



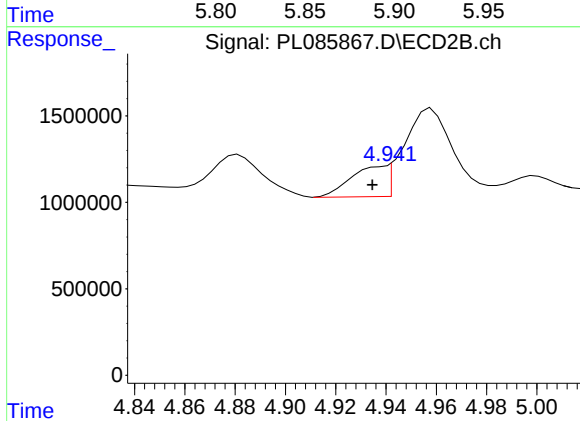
#9 Endosulfan I

R.T.: 5.878 min
Delta R.T.: -0.007 min
Response: 8268396
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

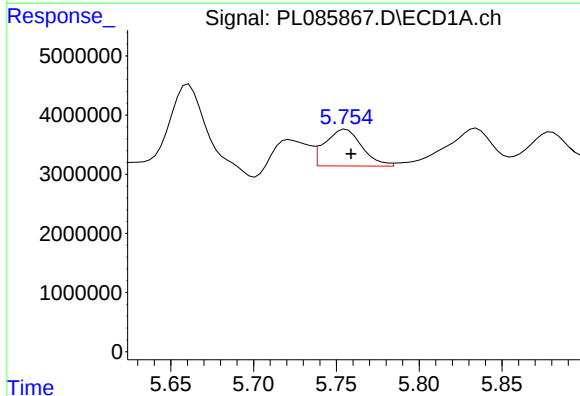
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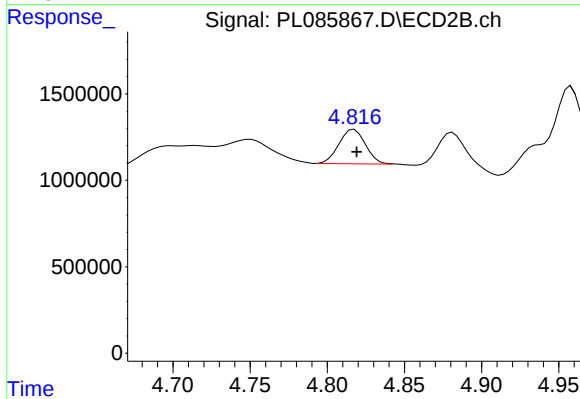
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: 0.006 min
Response: 1959137
Conc: 1.83 ng/ml m



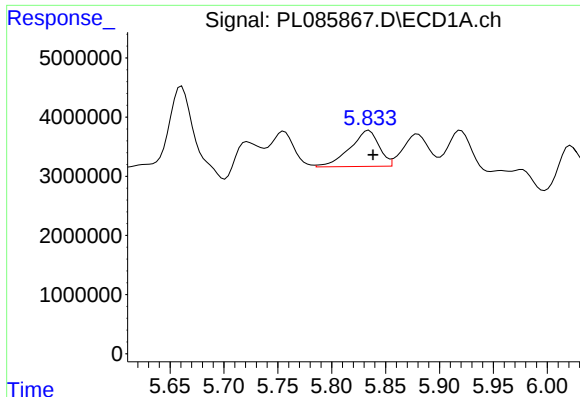
#10 gamma-Chlordane

R.T.: 5.754 min
Delta R.T.: -0.004 min
Response: 9428804
Conc: 2.76 ng/ml m



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 2380562
Conc: 2.40 ng/ml m



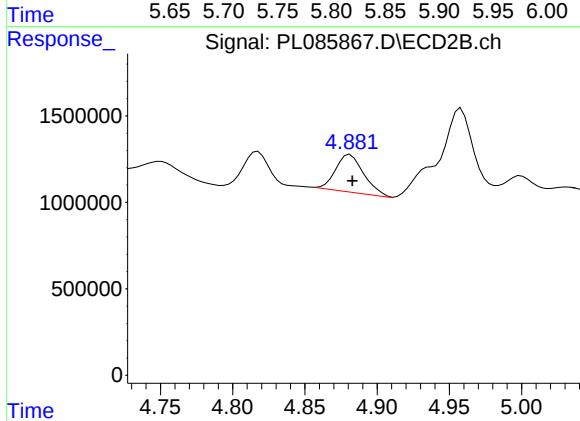
#11 alpha-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.005 min
Response: 11550885
Conc: 3.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

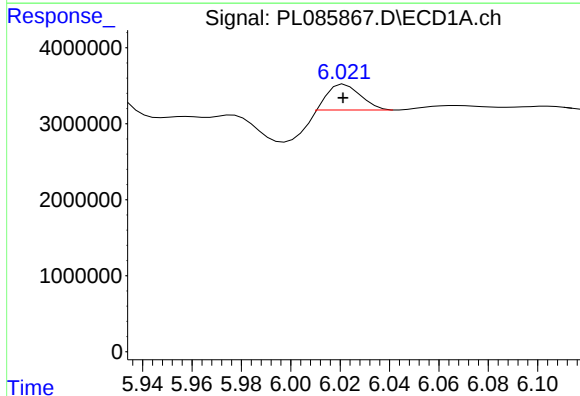
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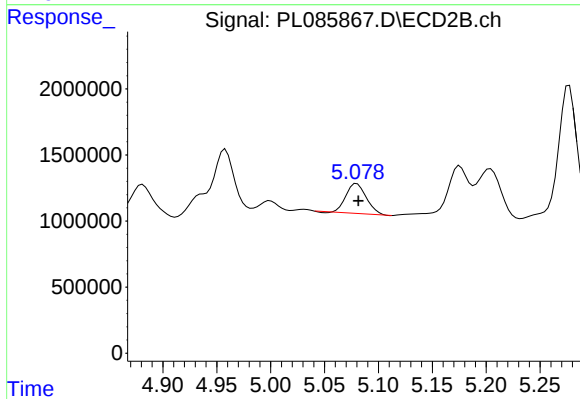
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 2918628
Conc: 2.68 ng/ml m



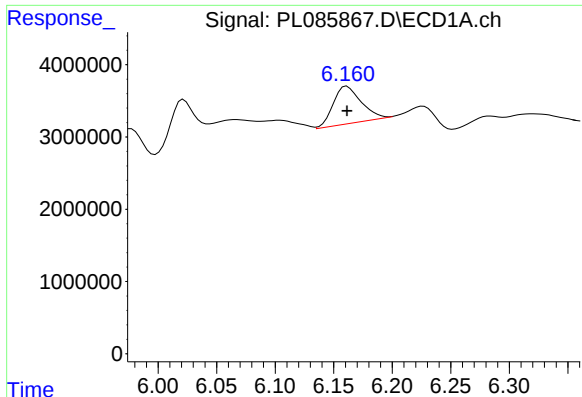
#12 4,4'-DDE

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 3108378
Conc: 1.11 ng/ml m



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 2936382
Conc: 3.58 ng/ml



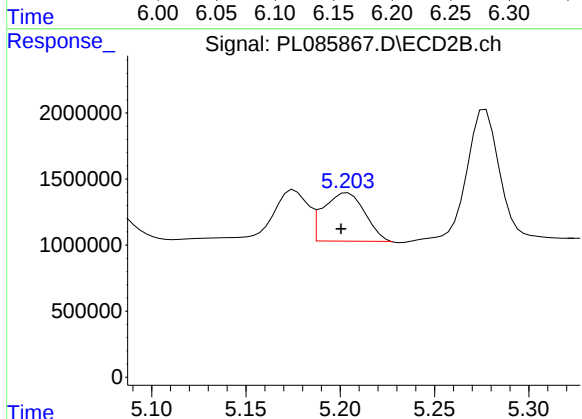
#13 Dieldrin

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 8463691
Conc: 2.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

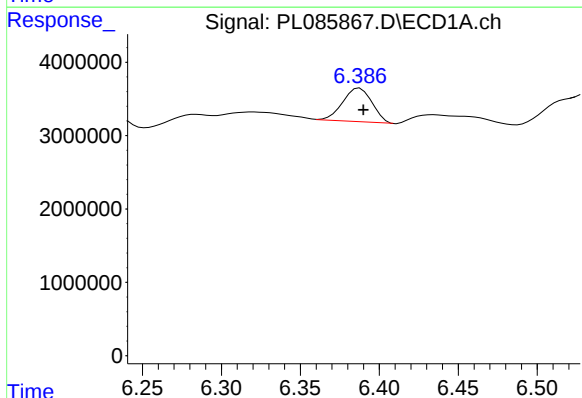
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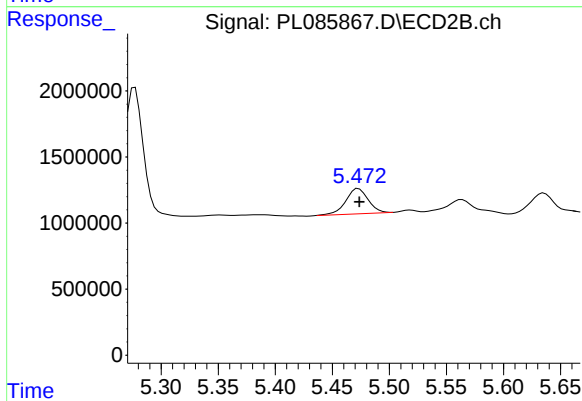
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: 0.002 min
Response: 4407744
Conc: 4.54 ng/ml m



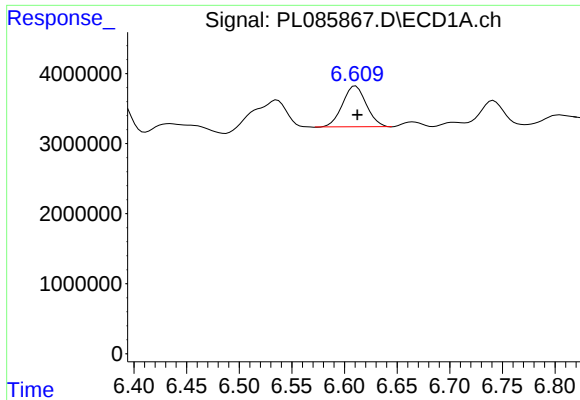
#14 Endrin

R.T.: 6.386 min
Delta R.T.: -0.004 min
Response: 5892651
Conc: 2.07 ng/ml m



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 2613851
Conc: 2.91 ng/ml



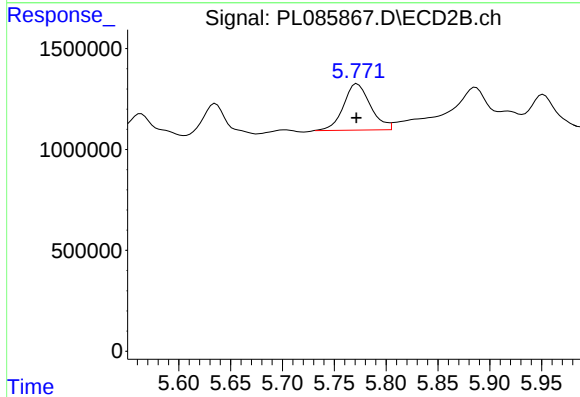
#15 Endosulfan II

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 9145326
Conc: 3.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

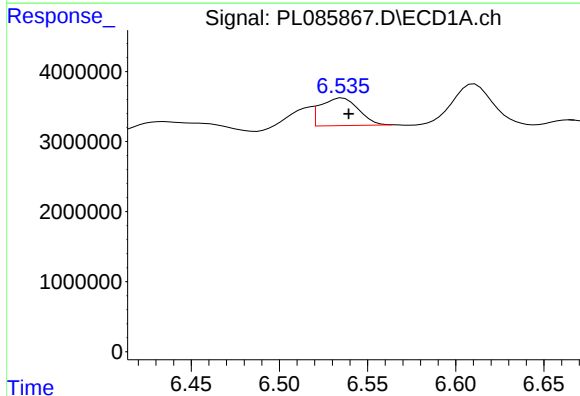
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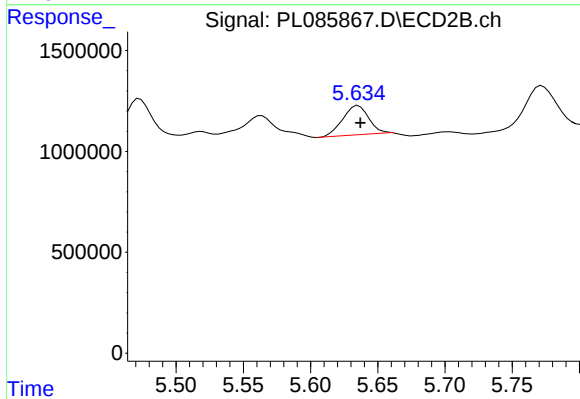
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 4144998
Conc: 4.36 ng/ml



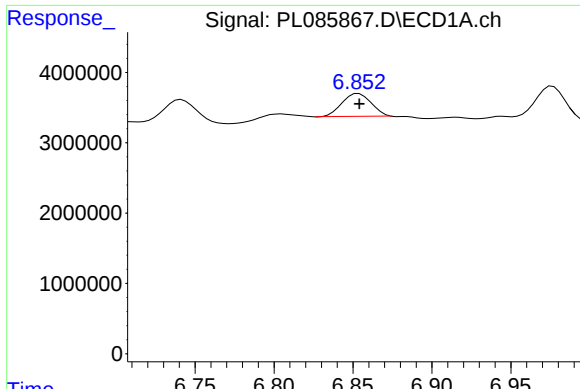
#16 4,4'-DDD

R.T.: 6.535 min
Delta R.T.: -0.005 min
Response: 5746753
Conc: 2.85 ng/ml m



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 1949003
Conc: 2.80 ng/ml m



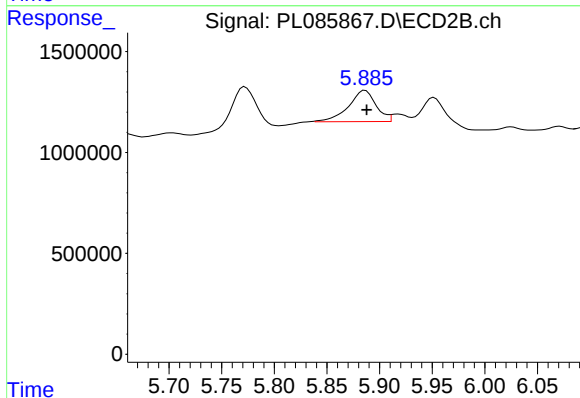
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 4158778
Conc: 1.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

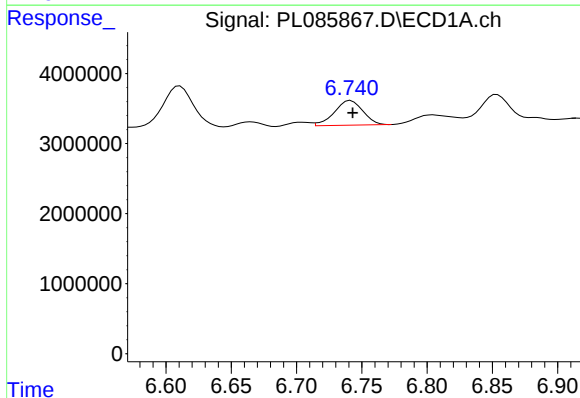
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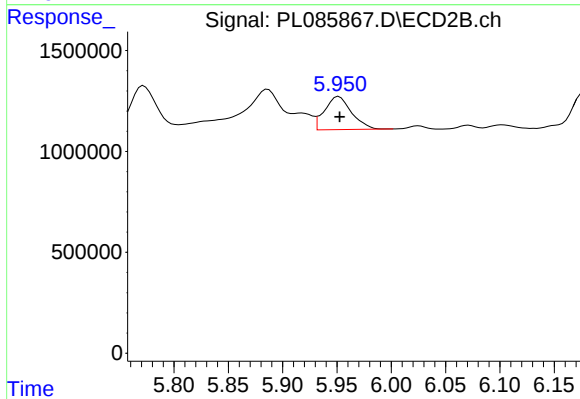
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 2904947
Conc: 3.67 ng/ml m



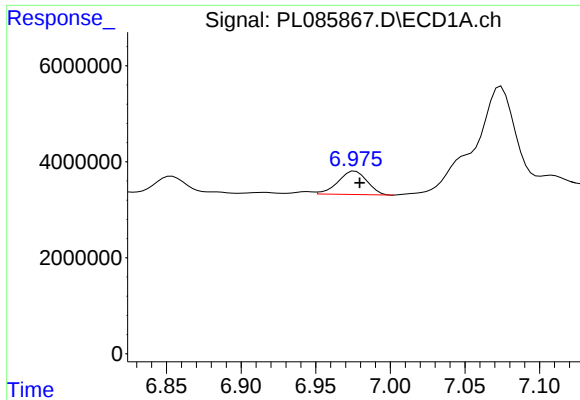
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 5378232
Conc: 2.65 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 2839659
Conc: 3.81 ng/ml



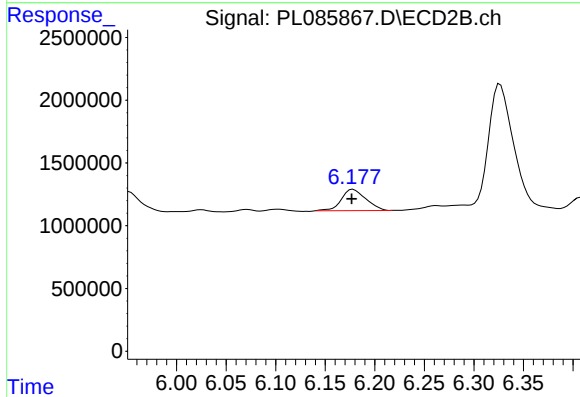
#19 Endosulfan Sulfate

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 6629088
Conc: 2.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

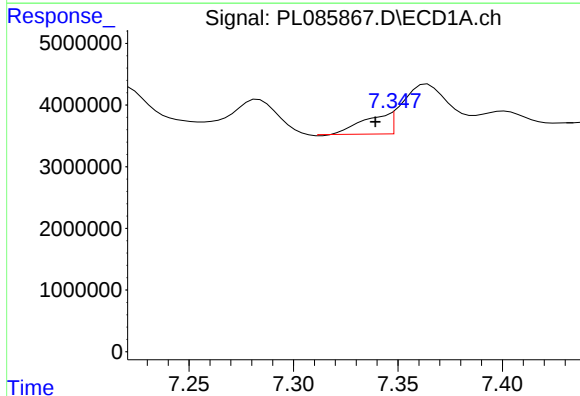
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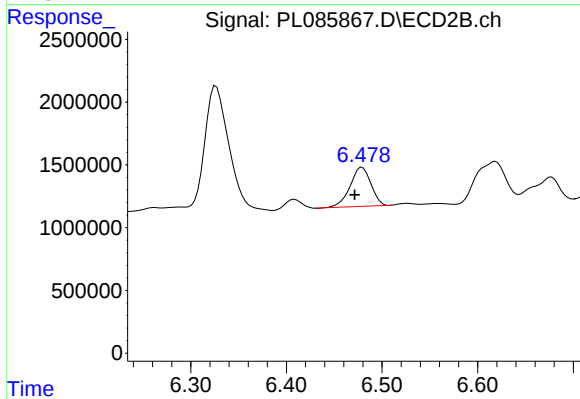
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.001 min
Response: 2918238
Conc: 3.23 ng/ml



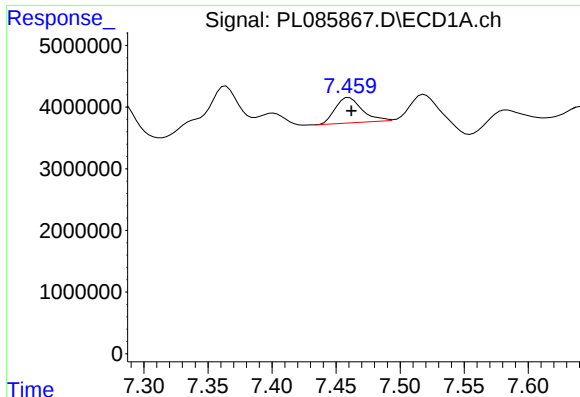
#20 Methoxychlor

R.T.: 7.347 min
Delta R.T.: 0.008 min
Response: 3881327
Conc: 2.78 ng/ml m



#20 Methoxychlor

R.T.: 6.479 min
Delta R.T.: 0.008 min
Response: 4753526
Conc: 9.04 ng/ml



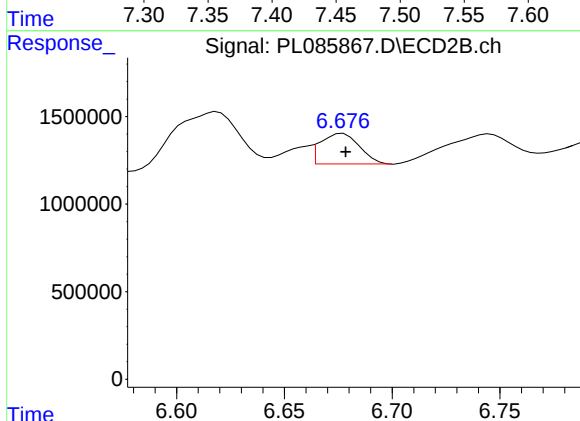
#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 6037813
Conc: 2.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

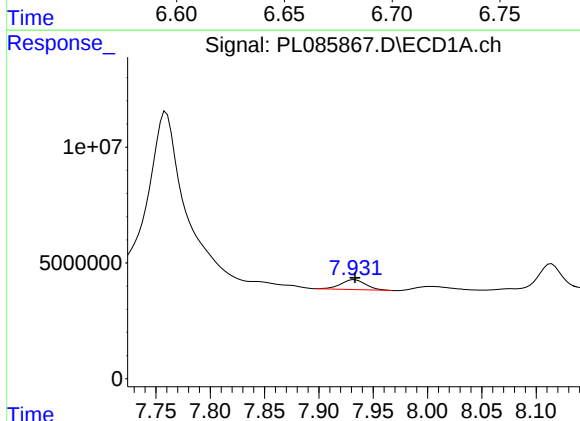
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2023
Supervised By :Ankita Jodhani 10/19/2023



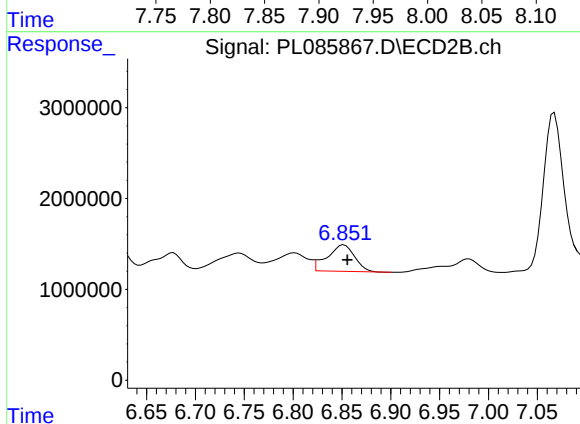
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 2073627
Conc: 1.80 ng/ml m



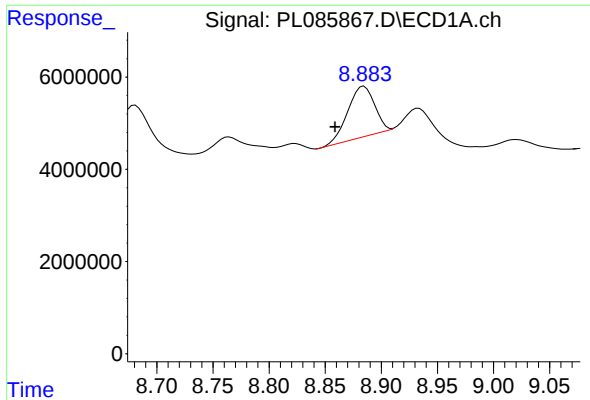
#22 Mirex

R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 6769198
Conc: 3.06 ng/ml m



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.004 min
Response: 5617967
Conc: 5.96 ng/ml



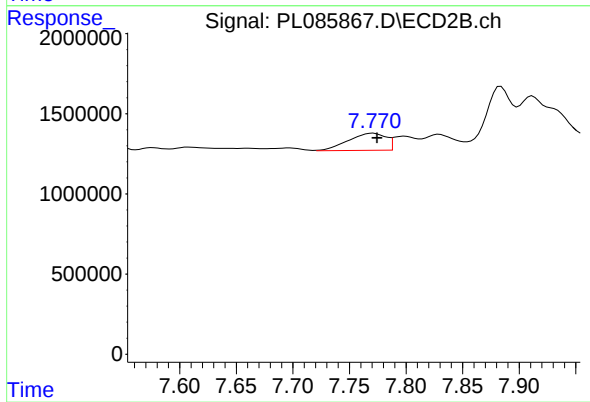
#28 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: 0.024 min
Response: 18496955
Conc: 8.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-1(0-5)MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: -0.005 min
Response: 2631787
Conc: 2.85 ng/ml m