

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
 Data File : PL086071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 18:44
 Operator : AR\AJ
 Sample : 04978-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NB-406-COMP-03

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 22:39:32 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...	3.355	2.621	34859678	10766447	11.721	11.526
28)	SA Decachlor...	8.860	7.775	27218117	12711142	12.497	13.772
Target Compounds							
2)	A alpha-BHC	3.809	3.119	2319264	546797	0.540	0.435
3)	MA gamma-BHC...	4.140	3.447	2261450	640221	0.547	0.519
4)	MA Heptachlor	4.726	3.783	1907878	703327	0.493m	0.605
5)	MB Aldrin	5.068	4.057	2218766	994203	0.572	0.889 #
6)	B beta-BHC	4.345	3.750	1080207	387463	0.653	0.744
7)	B delta-BHC	4.585	3.975	2456371	566321	0.641m	0.493
8)	B Heptachlo...	5.496	4.565	3139122	541146	0.910m	0.539 #
9)	A Endosulfan I	5.879	4.933	2348741	727564	0.726m	0.678
10)	B gamma-Chl...	5.755	4.805	7293172	1970760	2.132m	1.990m
11)	B alpha-Chl...	5.841	4.877	18456292	2102645	5.400m	1.928m#
12)	B 4,4'-DDE	6.017	5.078	6669243	954918	2.385	1.163m#
13)	MA Dieldrin	6.160	5.206	2204695	1885051	0.671	1.943m#
14)	MA Endrin	6.395	5.454f	6049132	2124515	2.123m	2.363m
15)	B Endosulfa...	6.608	5.766	8746042	2393449	3.174m	2.517m
16)	A 4,4'-DDD	6.546	5.636	6026291	391750	2.991	0.563 #
17)	MA 4,4'-DDT	6.851	5.882	3367679	3448795	1.429	4.361 #
18)	B Endrin al...	6.742	5.950	1839222	2623995	0.907	3.519m#
19)	B Endosulfa...	6.974	6.179	2613079	728296	1.041	0.807
20)	A Methoxychlor	7.339	6.468	1683158	344278	1.205m	0.654m#
21)	B Endrin ke...	7.451	6.678	4756358	776139	1.651m	0.675m#
22)	Mirex	7.933	6.855	1341854	872177	0.606	0.925 #

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

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 Data File : PL086071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 18:44
 Operator : AR\AJ
 Sample : 04978-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

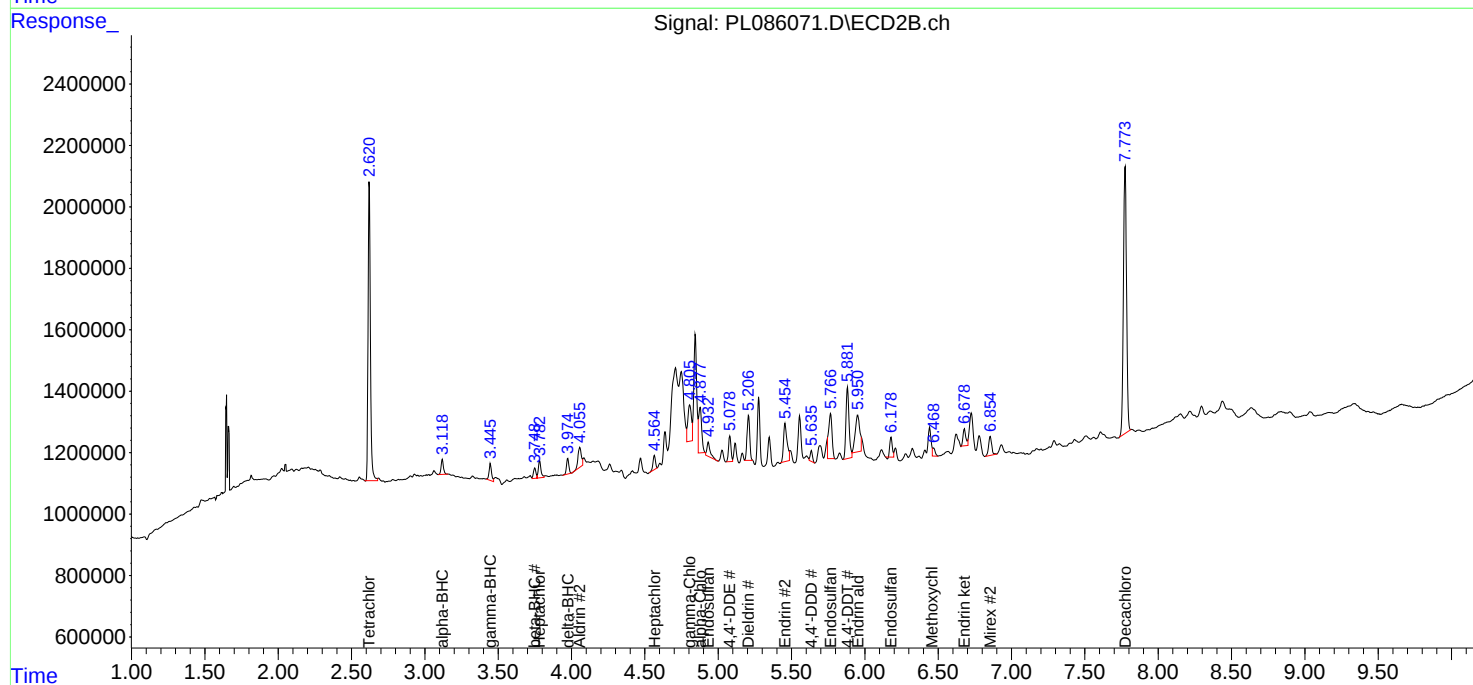
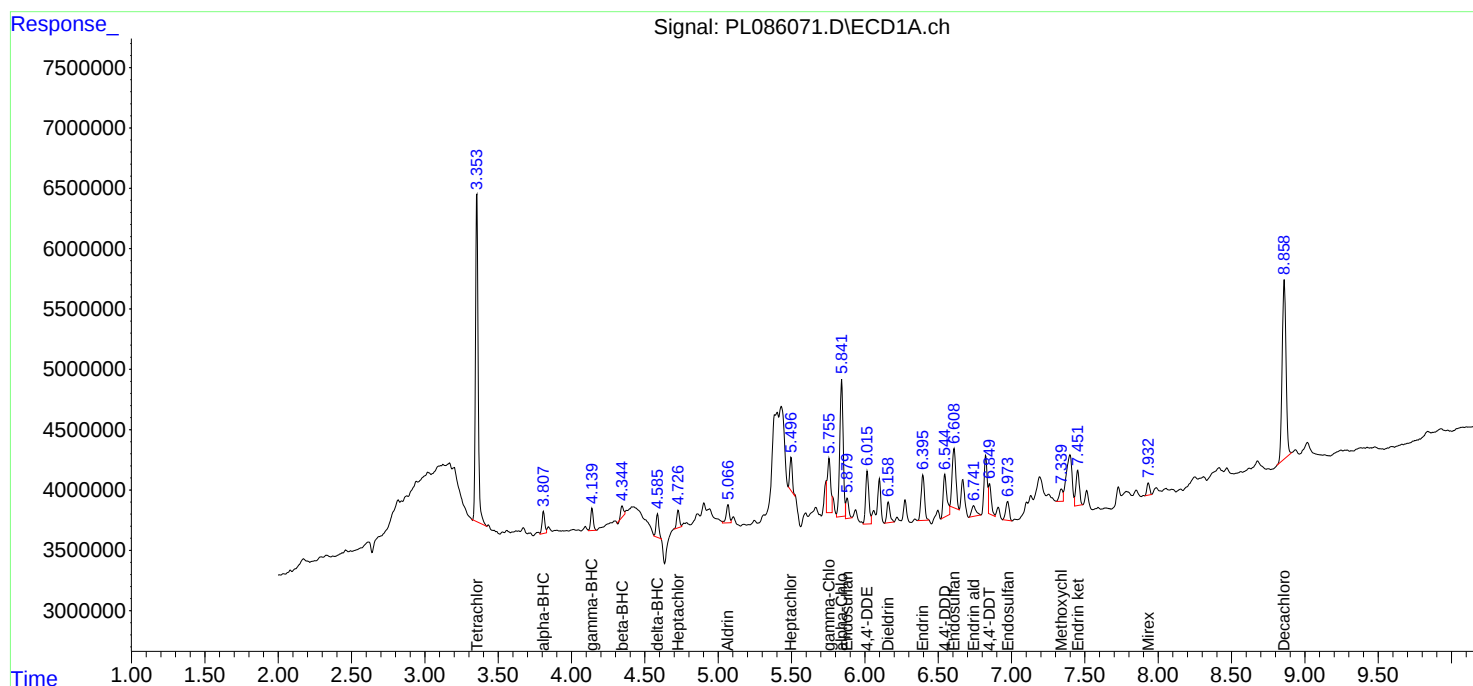
Instrument :
 ECD_L
 ClientSampleId :
 NB-406-COMP-03

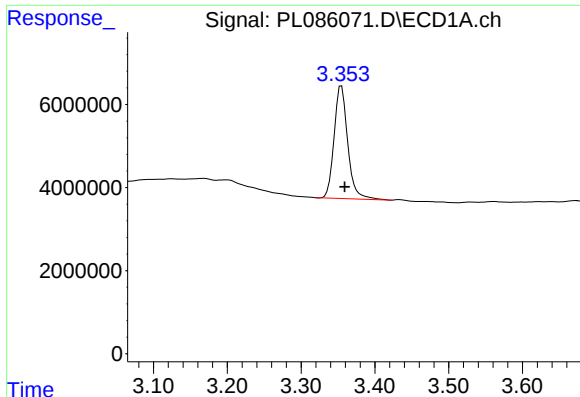
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 22:39:32 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





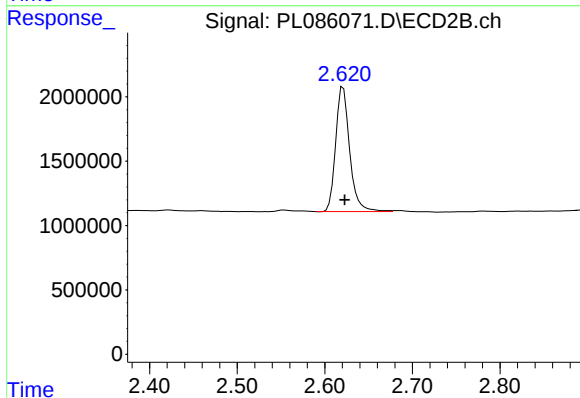
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 34859678
Conc: 11.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-406-COMP-03

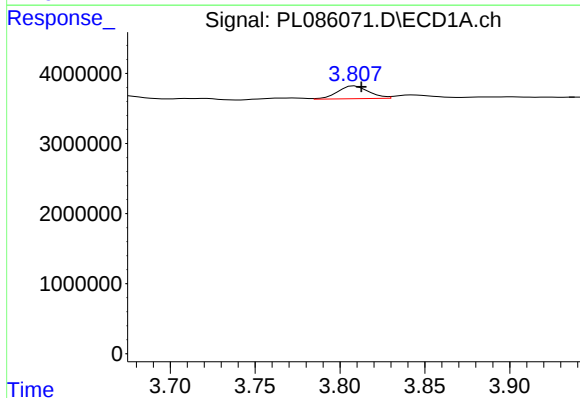
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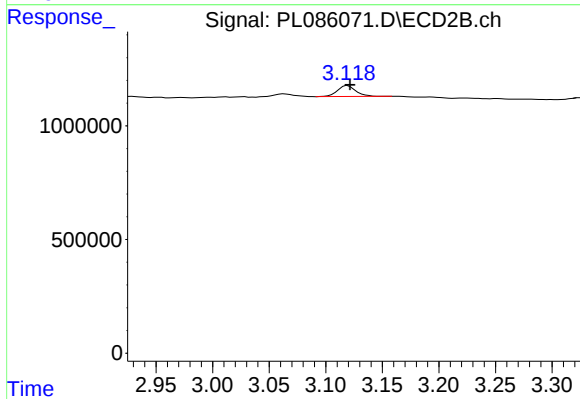
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 10766447
Conc: 11.53 ng/ml



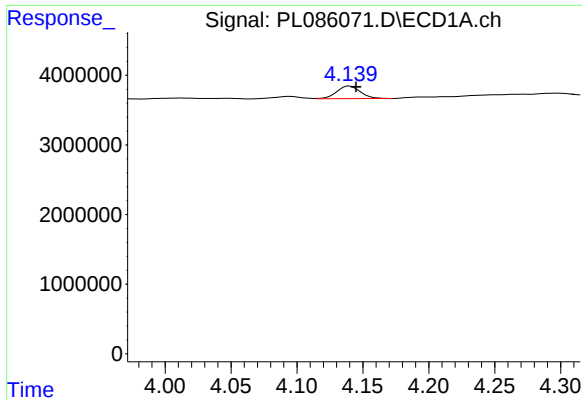
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 2319264
Conc: 0.54 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 546797
Conc: 0.43 ng/ml



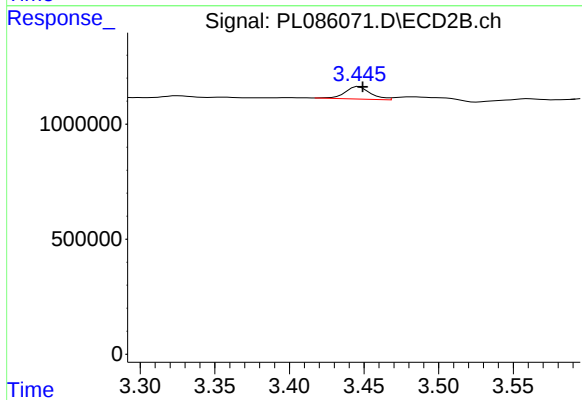
#3 gamma-BHC (Lindane)

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 2261450
Conc: 0.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-406-COMP-03

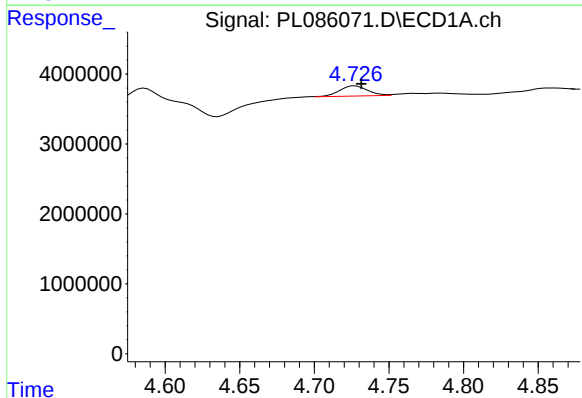
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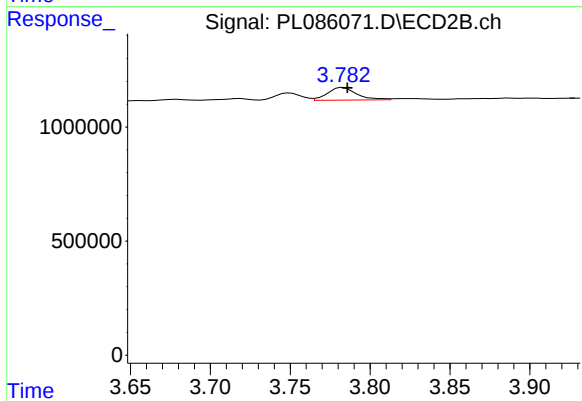
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.003 min
Response: 640221
Conc: 0.52 ng/ml



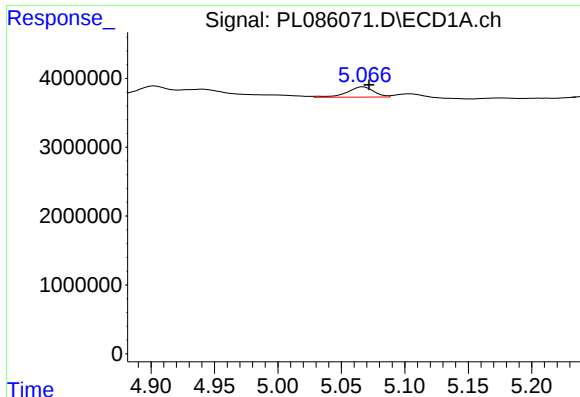
#4 Heptachlor

R.T.: 4.726 min
Delta R.T.: -0.005 min
Response: 1907878
Conc: 0.49 ng/ml m



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 703327
Conc: 0.60 ng/ml



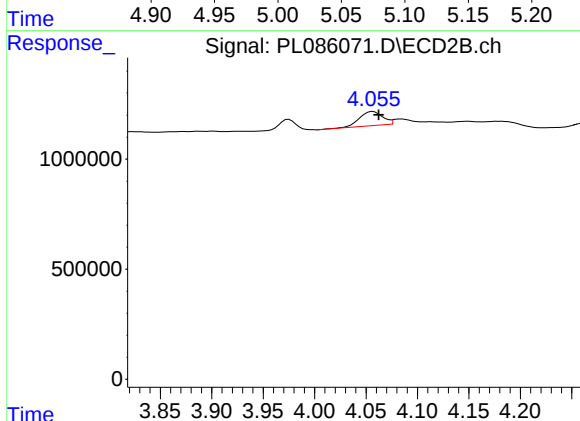
#5 Aldrin

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 2218766
Conc: 0.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-406-COMP-03

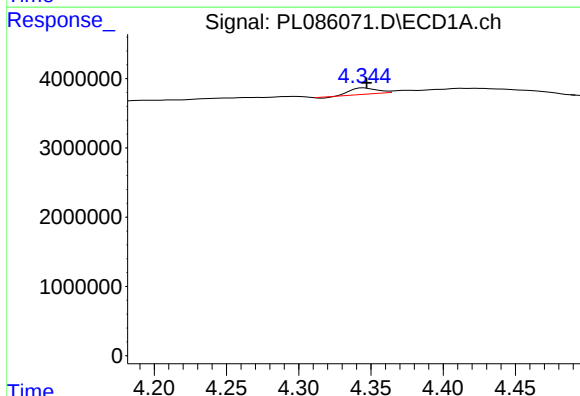
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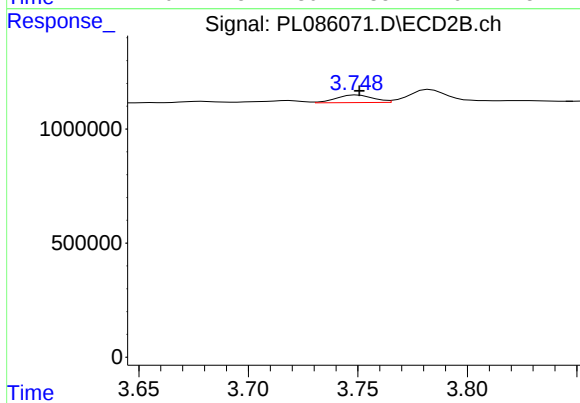
#5 Aldrin

R.T.: 4.057 min
Delta R.T.: -0.006 min
Response: 994203
Conc: 0.89 ng/ml



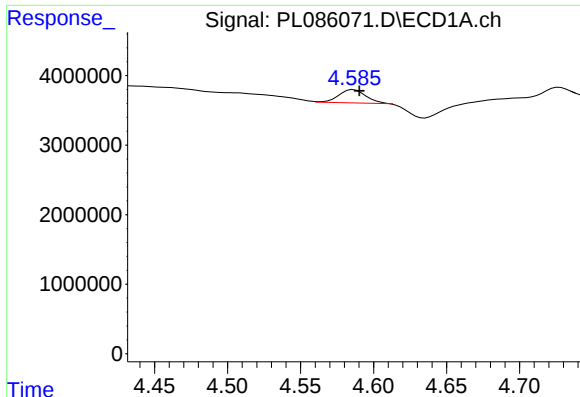
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: -0.002 min
Response: 1080207
Conc: 0.65 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: -0.001 min
Response: 387463
Conc: 0.74 ng/ml



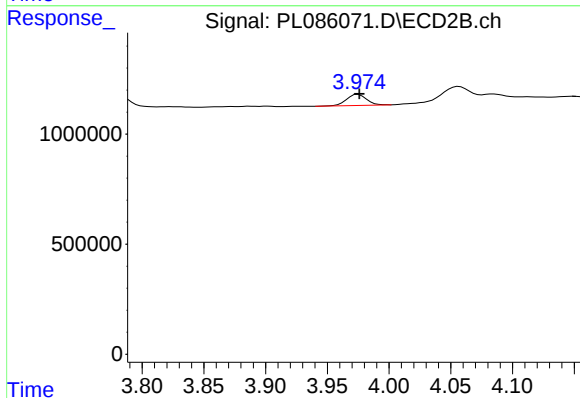
#7 delta-BHC

R.T.: 4.585 min
Delta R.T.: -0.005 min
Response: 2456371
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-406-COMP-03

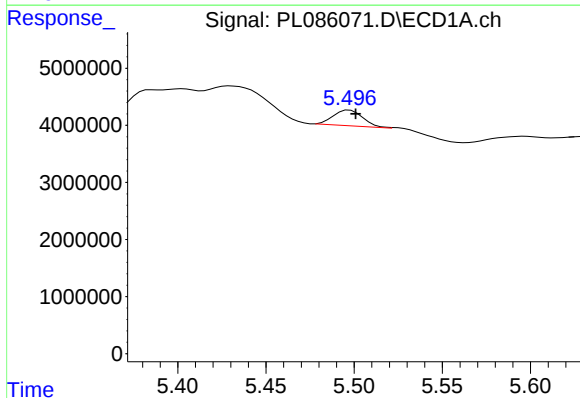
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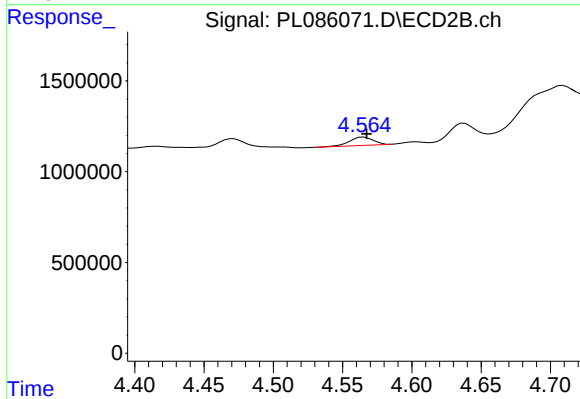
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: -0.001 min
Response: 566321
Conc: 0.49 ng/ml



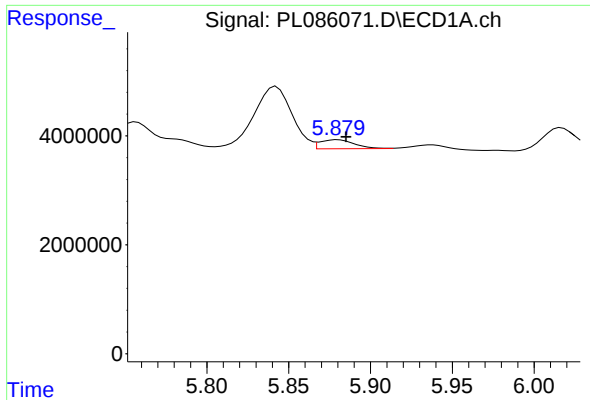
#8 Heptachlor epoxide

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 3139122
Conc: 0.91 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 541146
Conc: 0.54 ng/ml



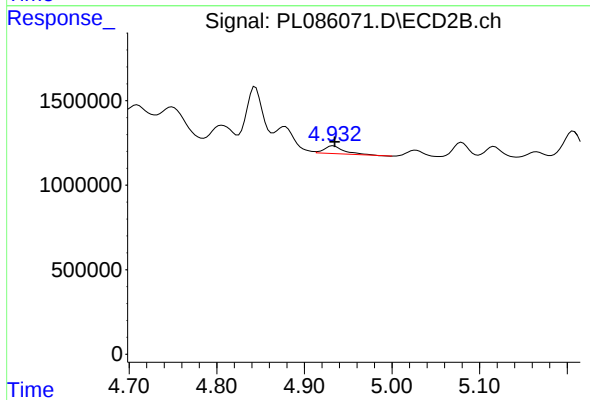
#9 Endosulfan I

R.T.: 5.879 min
Delta R.T.: -0.006 min
Response: 2348741
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-406-COMP-03

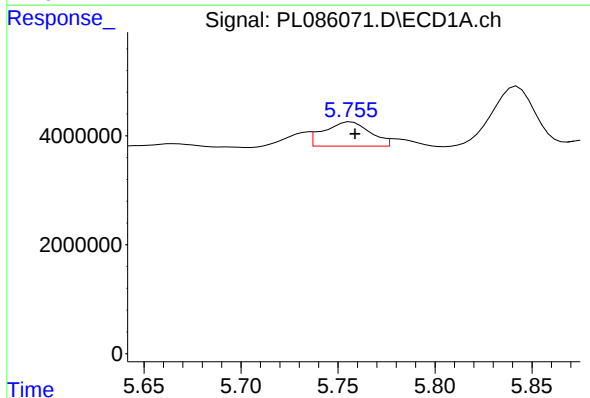
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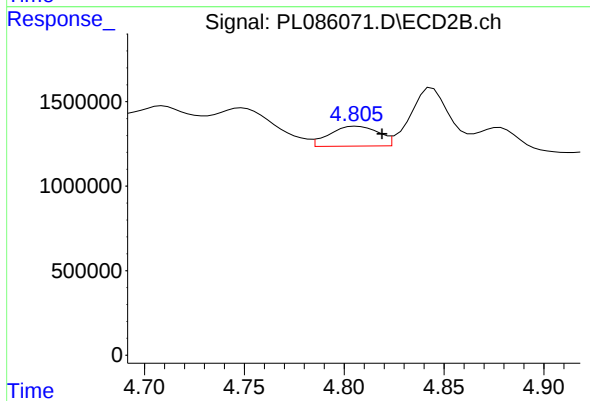
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 727564
Conc: 0.68 ng/ml



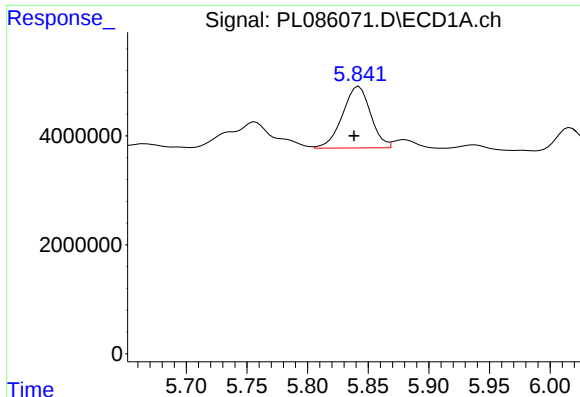
#10 gamma-Chlordane

R.T.: 5.755 min
Delta R.T.: -0.003 min
Response: 7293172
Conc: 2.13 ng/ml m



#10 gamma-Chlordane

R.T.: 4.805 min
Delta R.T.: -0.014 min
Response: 1970760
Conc: 1.99 ng/ml m



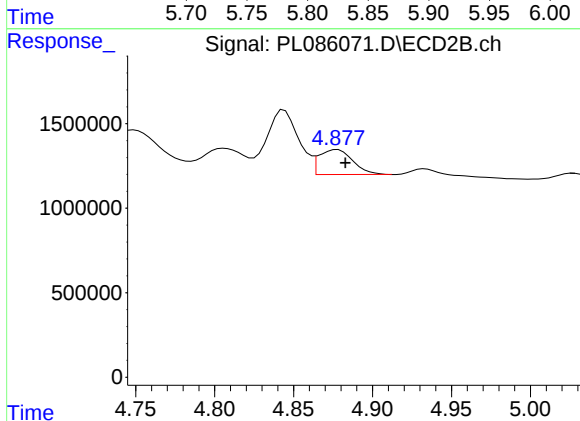
#11 alpha-Chlordane

R.T.: 5.841 min
Delta R.T.: 0.003 min
Response: 18456292
Conc: 5.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-406-COMP-03

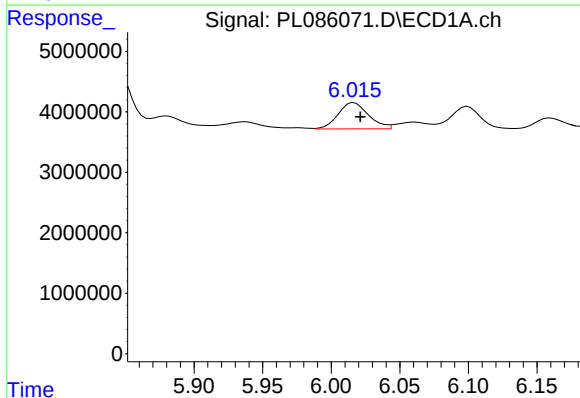
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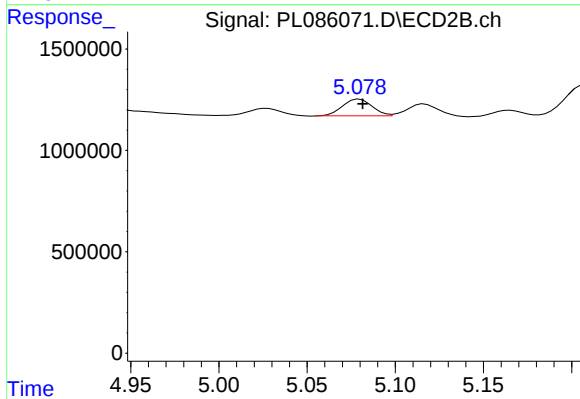
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: -0.006 min
Response: 2102645
Conc: 1.93 ng/ml m



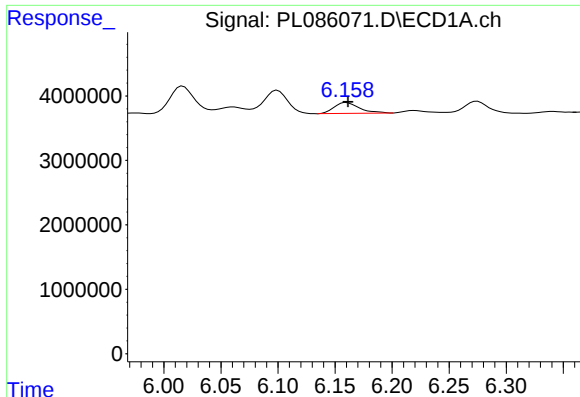
#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 6669243
Conc: 2.38 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 954918
Conc: 1.16 ng/ml m



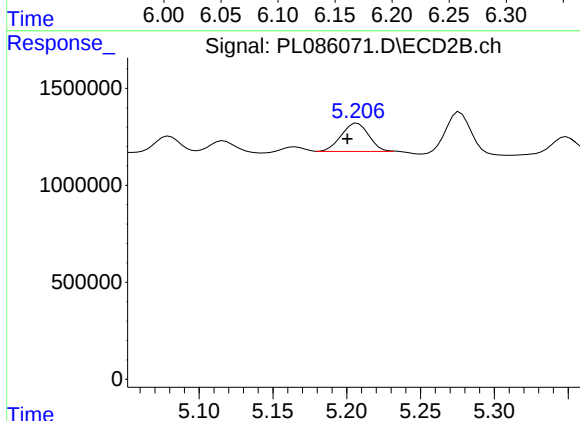
#13 Dieldrin

R.T.: 6.160 min
Delta R.T.: -0.002 min
Response: 2204695
Conc: 0.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-406-COMP-03

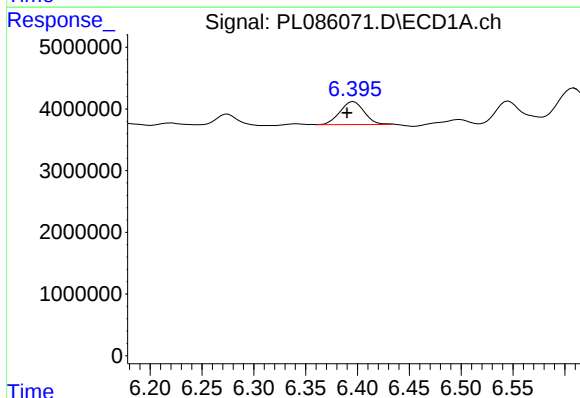
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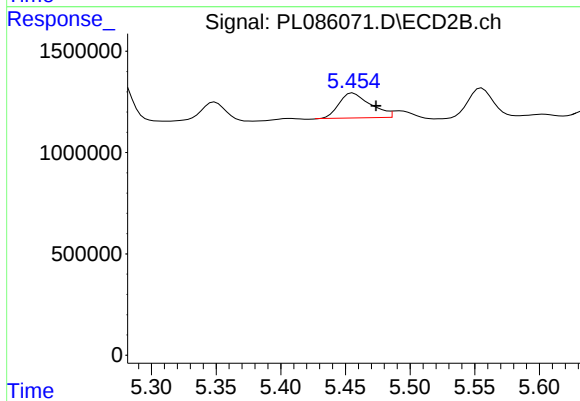
#13 Dieldrin

R.T.: 5.206 min
Delta R.T.: 0.005 min
Response: 1885051
Conc: 1.94 ng/ml m



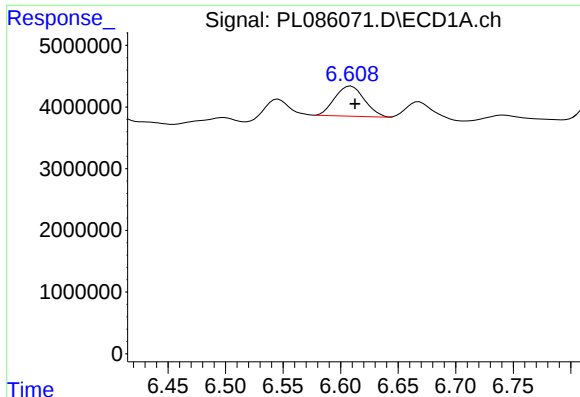
#14 Endrin

R.T.: 6.395 min
Delta R.T.: 0.005 min
Response: 6049132
Conc: 2.12 ng/ml m



#14 Endrin

R.T.: 5.454 min
Delta R.T.: -0.019 min
Response: 2124515
Conc: 2.36 ng/ml m



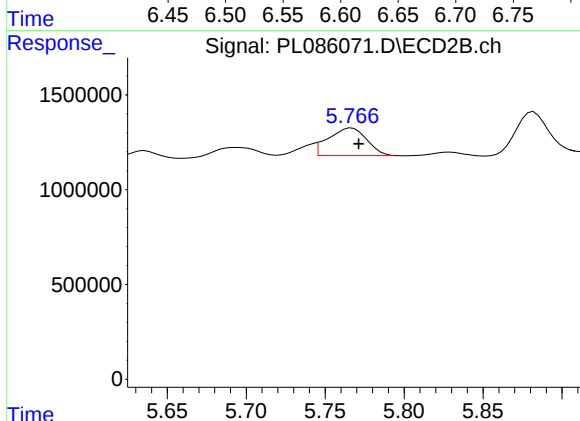
#15 Endosulfan II

R.T.: 6.608 min
Delta R.T.: -0.005 min
Response: 8746042
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-406-COMP-03

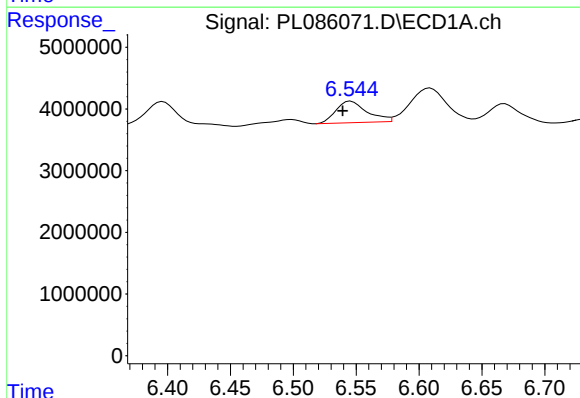
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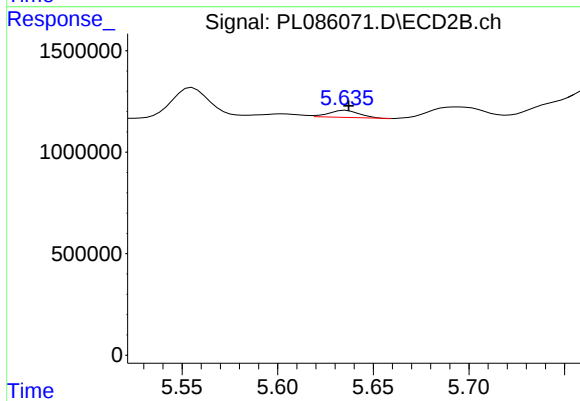
#15 Endosulfan II

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 2393449
Conc: 2.52 ng/ml m



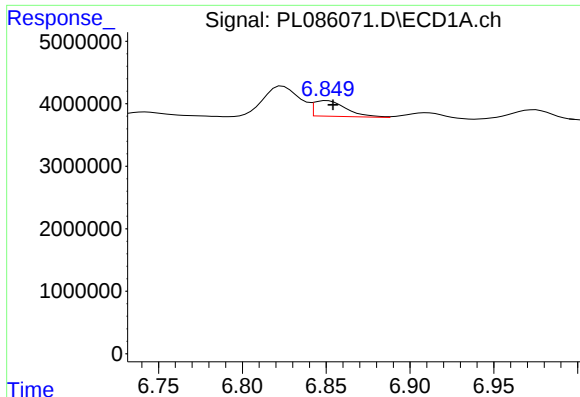
#16 4,4'-DDD

R.T.: 6.546 min
Delta R.T.: 0.006 min
Response: 6026291
Conc: 2.99 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 391750
Conc: 0.56 ng/ml



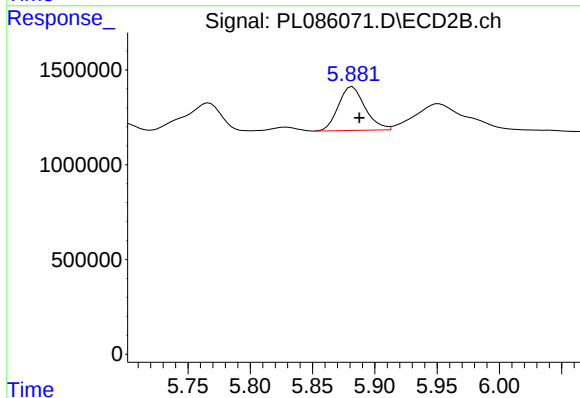
#17 4,4'-DDT

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 3367679
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
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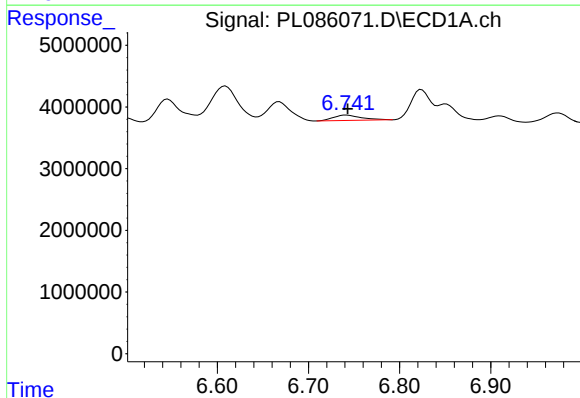
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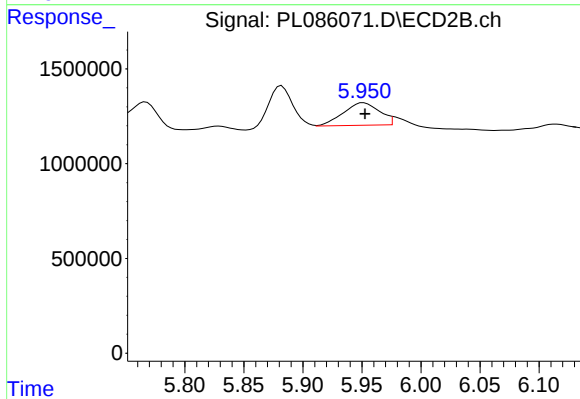
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.006 min
Response: 3448795
Conc: 4.36 ng/ml



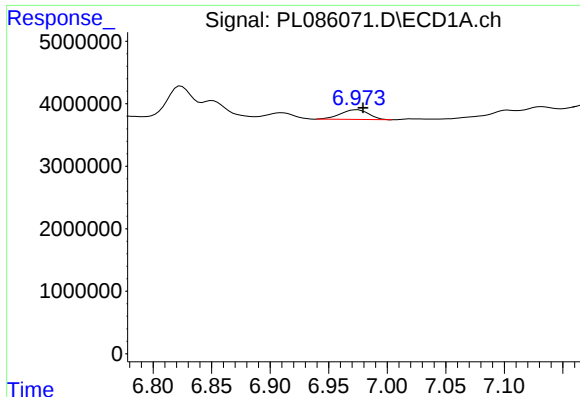
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 1839222
Conc: 0.91 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 2623995
Conc: 3.52 ng/ml m



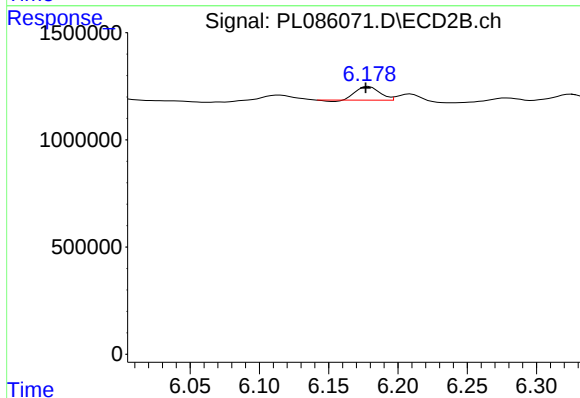
#19 Endosulfan Sulfate

R.T.: 6.974 min
Delta R.T.: -0.005 min
Response: 2613079
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-406-COMP-03

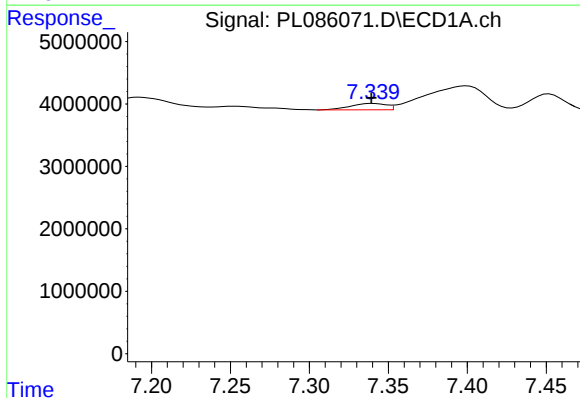
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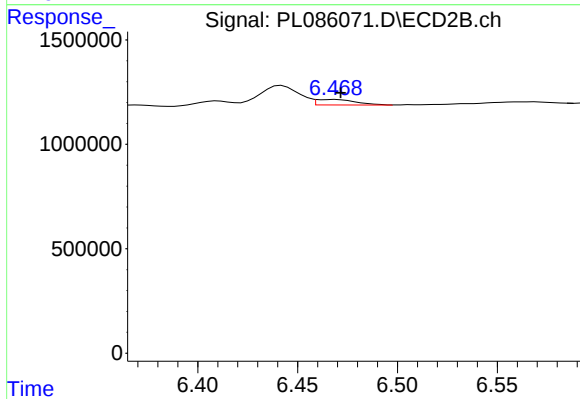
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: 0.002 min
Response: 728296
Conc: 0.81 ng/ml



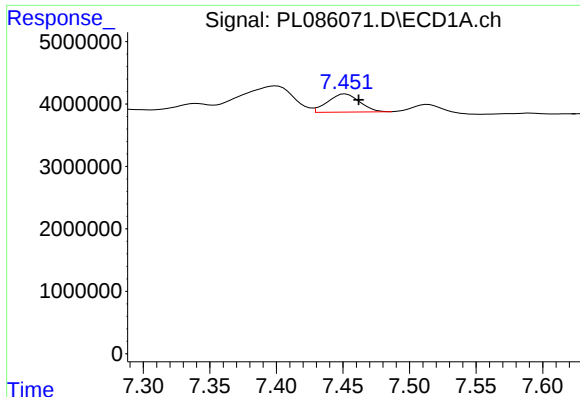
#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 1683158
Conc: 1.21 ng/ml m



#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: -0.004 min
Response: 344278
Conc: 0.65 ng/ml m



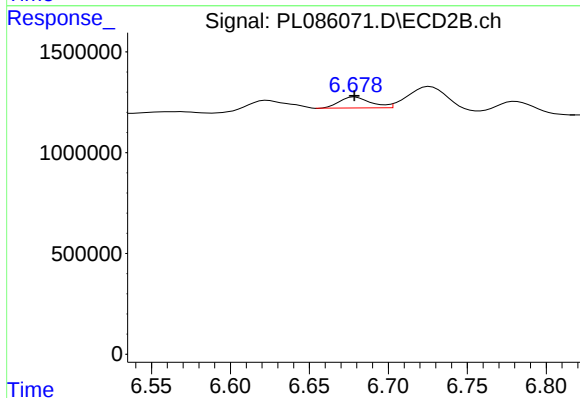
#21 Endrin ketone

R.T.: 7.451 min
Delta R.T.: -0.011 min
Response: 4756358
Conc: 1.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-406-COMP-03

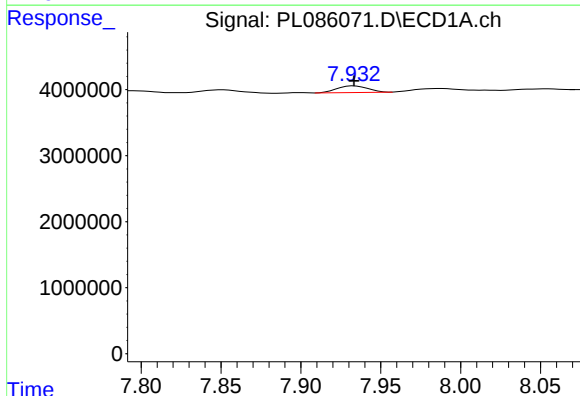
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



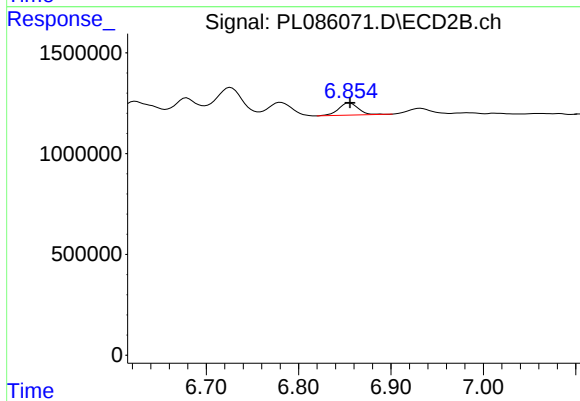
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 776139
Conc: 0.68 ng/ml m



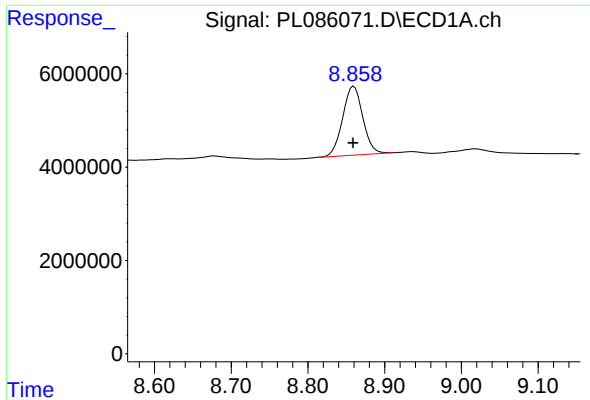
#22 Mirex

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 1341854
Conc: 0.61 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 872177
Conc: 0.92 ng/ml



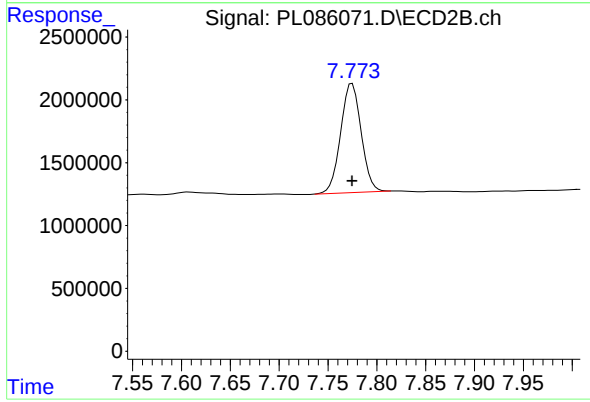
#28 Decachlorobiphenyl

R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 27218117
Conc: 12.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-406-COMP-03

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/23/2023



#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 12711142
Conc: 13.77 ng/ml