

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
 Data File : PL080623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2023 14:17
 Operator : AR\AJ
 Sample : 01328-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-1-BORING-1-0-7MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/01/2023
 Supervised By :Ankita Jodhani 02/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 14:47:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.352	2.690	36155630	36918406	16.857	16.808
28)	SA Decachlor...	8.787	7.836	34260061	42983010	19.569	18.041
Target Compounds							
2)	A alpha-BHC	3.800	3.190	151.6E6	157.4E6	47.844	49.493
3)	MA gamma-BHC...	4.127	3.519	145.7E6	145.8E6	49.576m	48.805
4)	MA Heptachlor	4.713	3.859	140.6E6	147.1E6	47.588	46.220
5)	MB Aldrin	5.050	4.139	131.9E6	141.9E6	48.231	48.125
6)	B beta-BHC	4.324	3.815	61312822	61288119	44.917	45.921
7)	B delta-BHC	4.567	4.044	145.7E6	142.5E6	50.326	49.390
8)	B Heptachlo...	5.475	4.641	125.7E6	131.6E6	48.605	47.301
9)	A Endosulfan I	5.856	5.010	110.9E6	120.0E6	46.974	46.149
10)	B gamma-Chl...	5.730	4.890	121.5E6	133.6E6	48.106	47.144m
11)	B alpha-Chl...	5.808	4.956	120.5E6	131.6E6	47.723	45.924
12)	B 4,4'-DDE	5.987	5.147	106.8E6	112.4E6	47.958	47.651m
13)	MA Dieldrin	6.131	5.274	118.7E6	131.0E6	49.616	48.428m
14)	MA Endrin	6.358	5.549	106.4E6	117.4E6	49.179	50.569
15)	B Endosulfa...	6.576	5.842	101.6E6	113.3E6	44.327	54.381m
16)	A 4,4'-DDD	6.500	5.702	86921677	90479083	47.447	48.148
17)	MA 4,4'-DDT	6.813	5.952	93172629	99212739	44.845	47.211m
18)	B Endrin al...	6.706	6.024	84984866	91896805	51.091	50.324
19)	B Endosulfa...	6.940	6.247	101.3E6	110.5E6	48.944	47.506
20)	A Methoxychlor	7.291	6.531	51899595	54496773	47.041	44.910
21)	B Endrin ke...	7.420	6.751	108.4E6	122.5E6	49.140	47.987
22)	Mirex	7.891	6.934	85015896	107.9E6	49.434	47.397

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

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Data File : PL080623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2023 14:17
Operator : AR\AJ
Sample : 01328-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

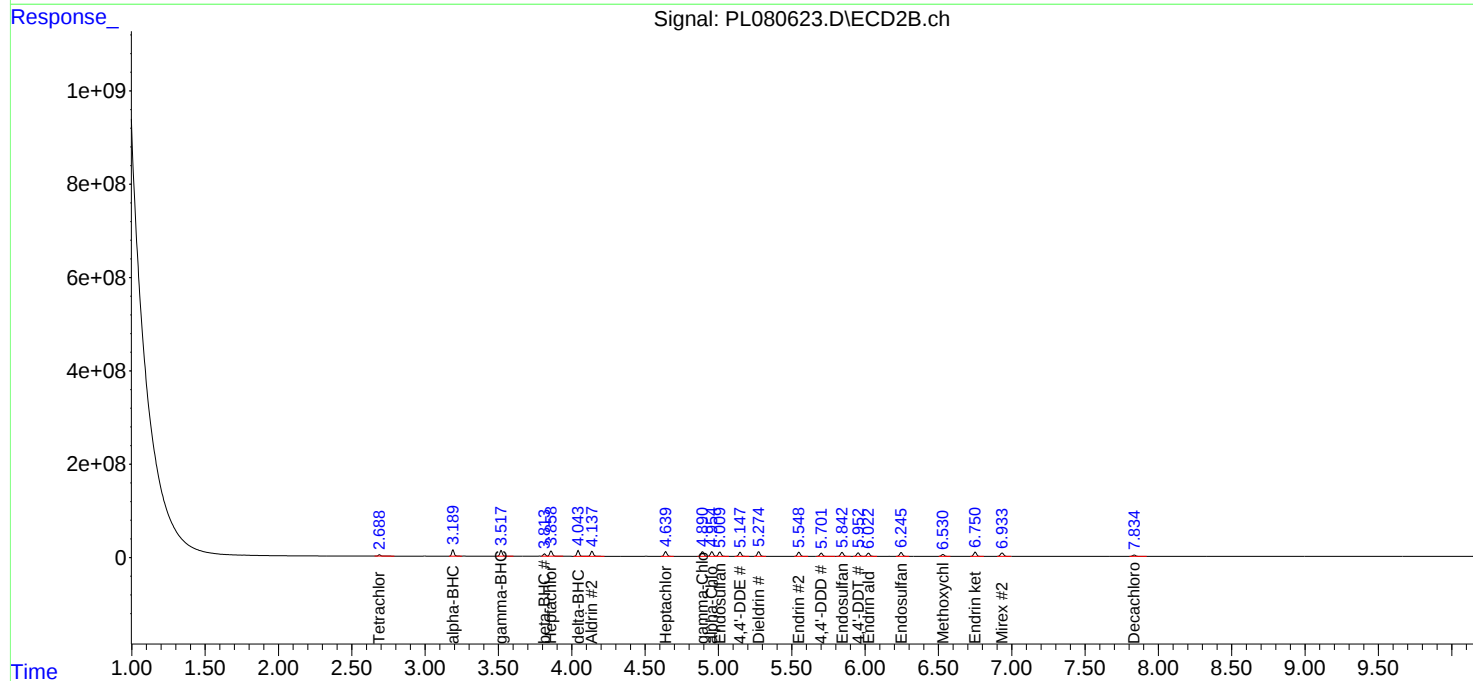
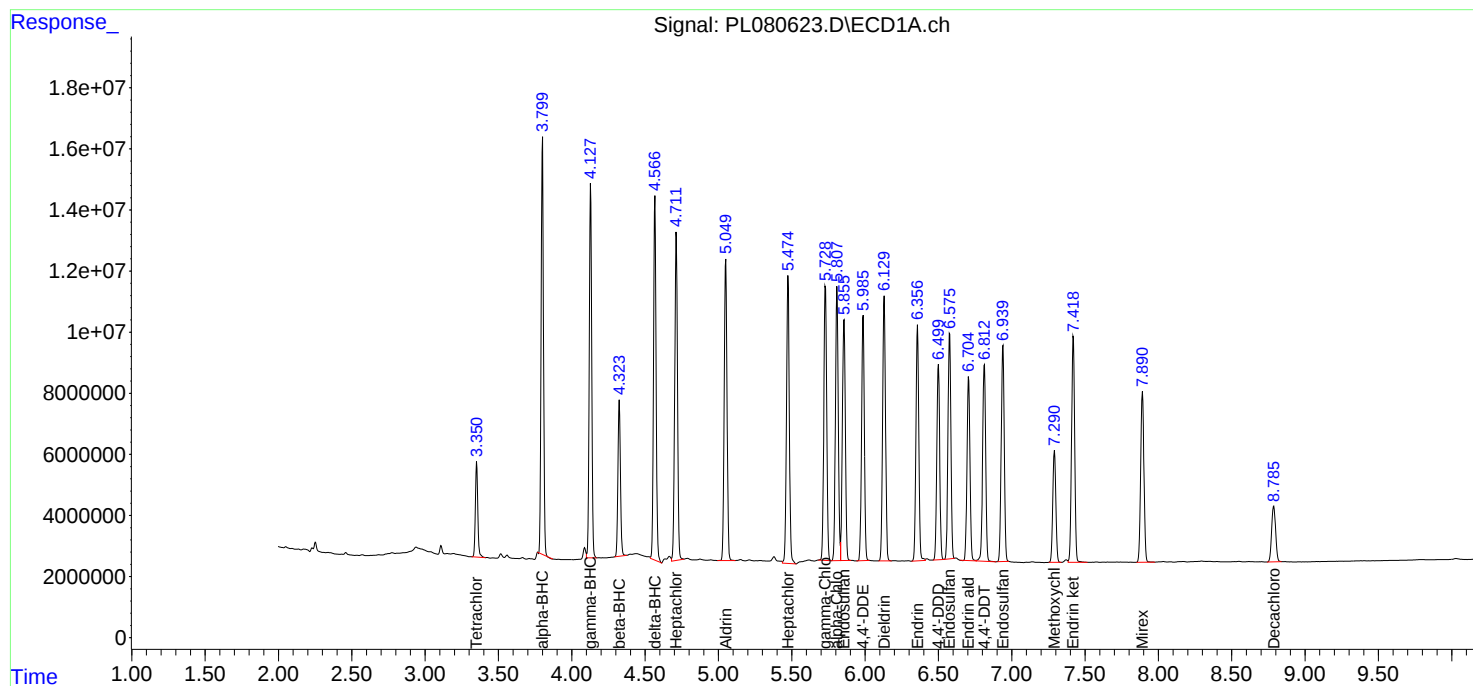
Instrument :
ECD_L
ClientSampleId :
COMP-1-BORING-1-0-7MSD

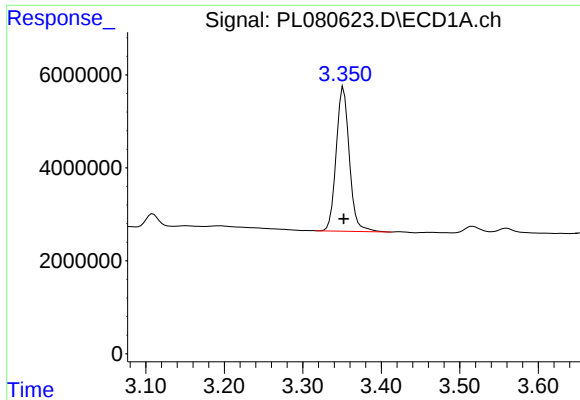
Manual Integrations
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Supervised By :Ankita Jodhani 02/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 14:47:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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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





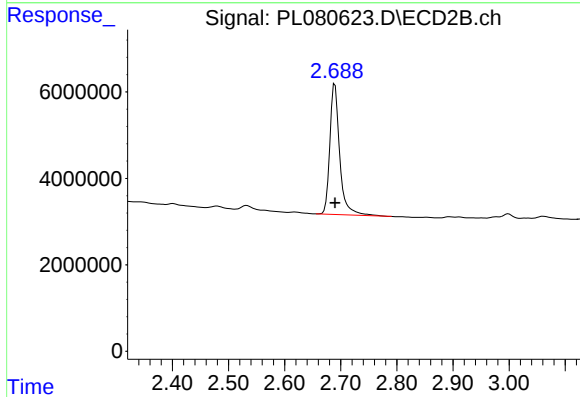
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 36155630
Conc: 16.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1-BORING-1-0-7MSD

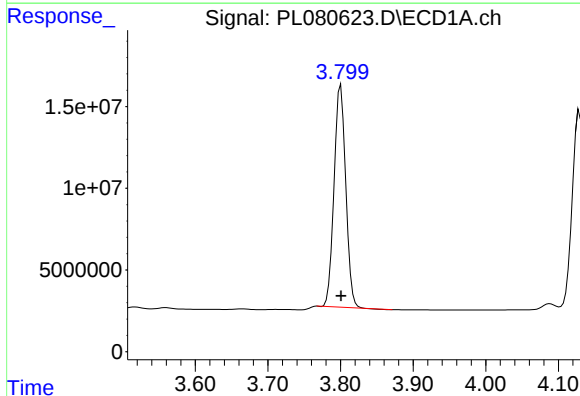
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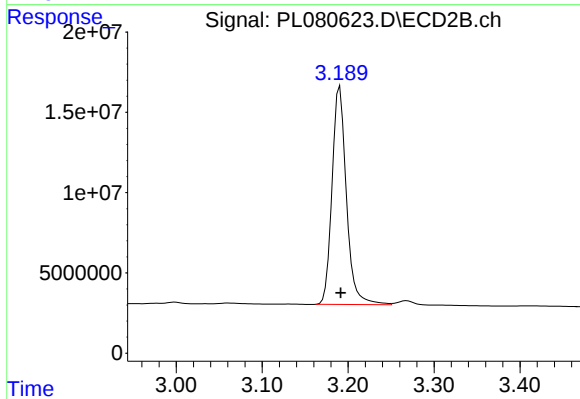
#1 Tetrachloro-m-xylene

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 36918406
Conc: 16.81 ng/ml



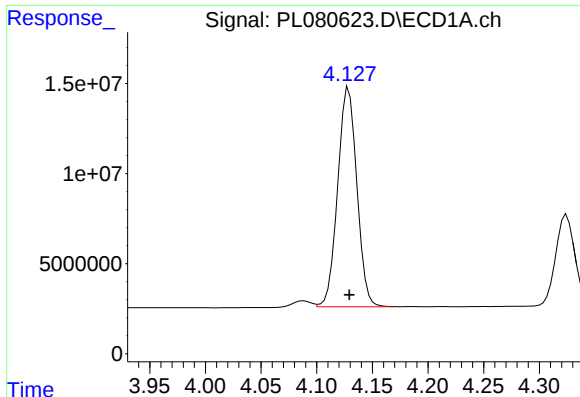
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 151571077
Conc: 47.84 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 157407368
Conc: 49.49 ng/ml



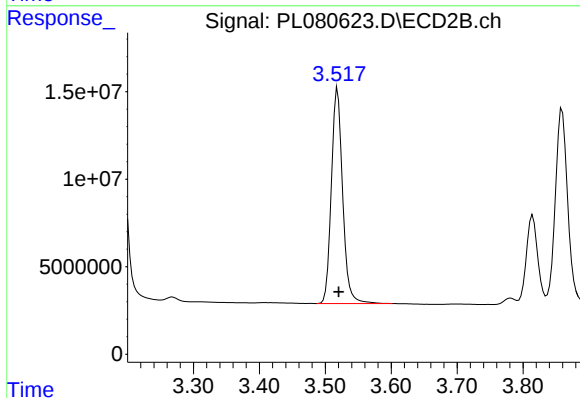
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 145740671
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1-BORING-1-0-7MSD

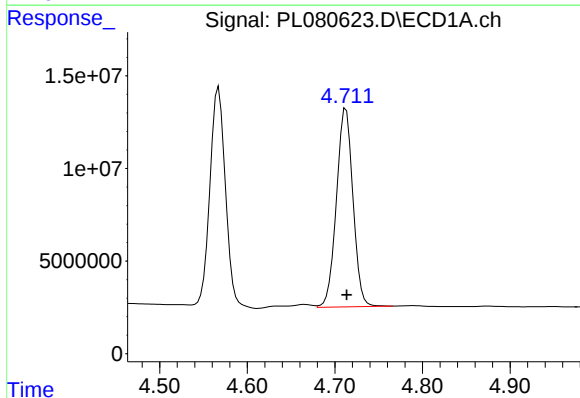
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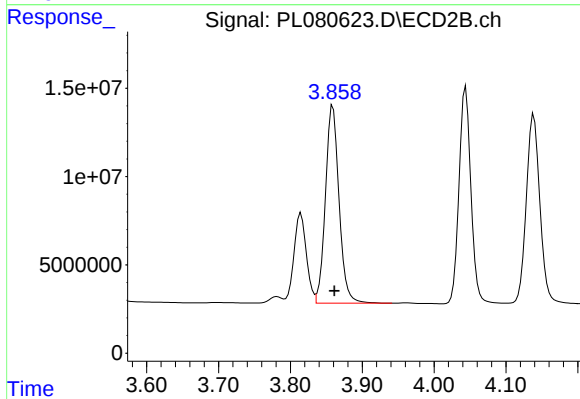
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: -0.002 min
Response: 145795981
Conc: 48.81 ng/ml



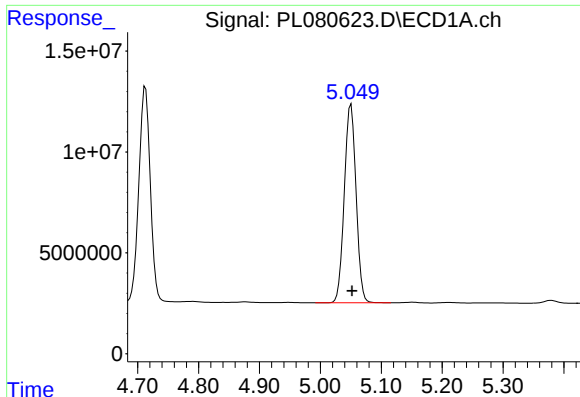
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 140632989
Conc: 47.59 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.002 min
Response: 147089918
Conc: 46.22 ng/ml



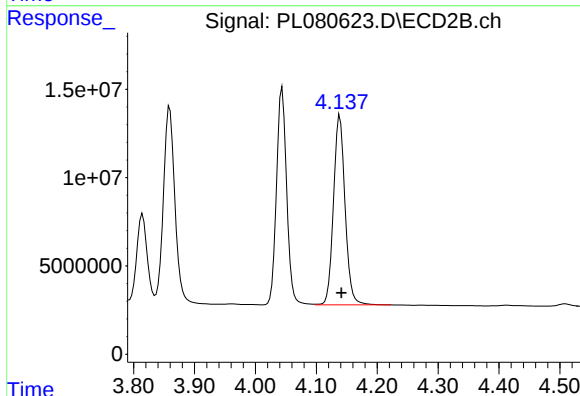
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 131949799
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1-BORING-1-0-7MSD

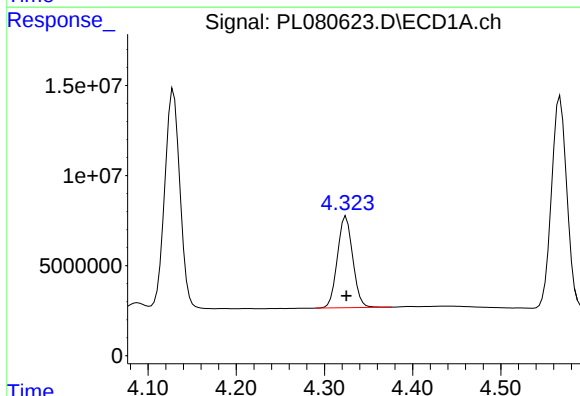
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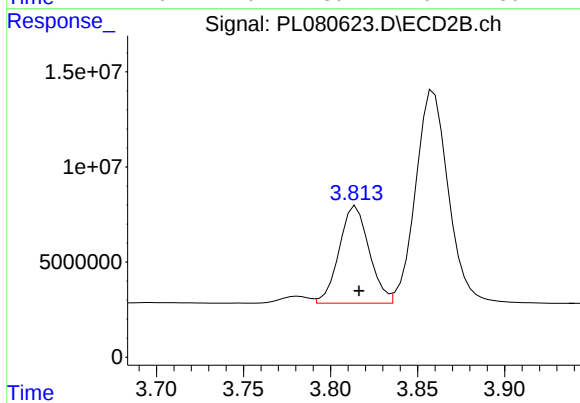
#5 Aldrin

R.T.: 4.139 min
Delta R.T.: -0.003 min
Response: 141948010
Conc: 48.12 ng/ml



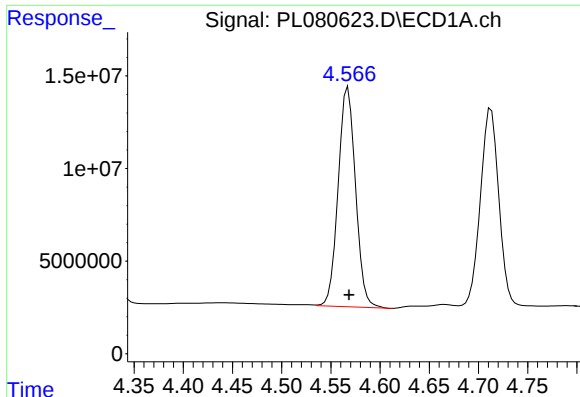
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 61312822
Conc: 44.92 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 61288119
Conc: 45.92 ng/ml



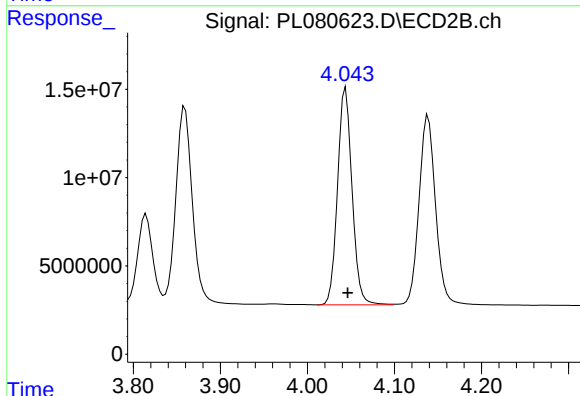
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 145695004
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1-BORING-1-0-7MSD

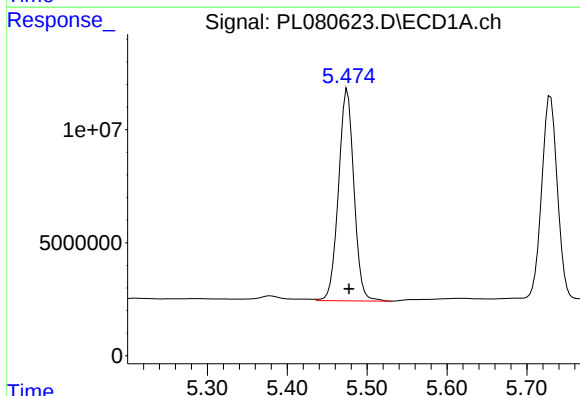
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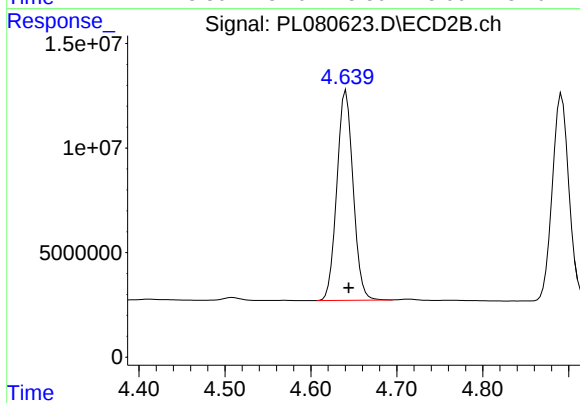
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 142462577
Conc: 49.39 ng/ml



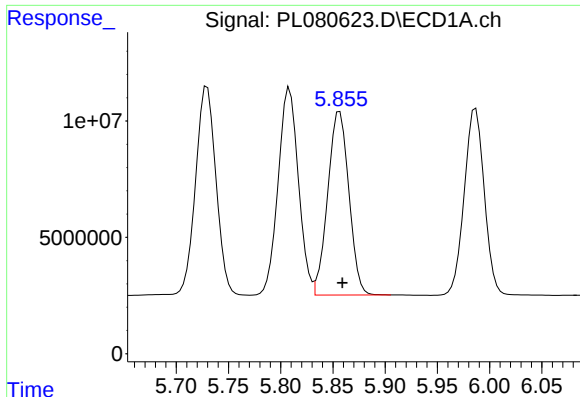
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 125742886
Conc: 48.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 131607567
Conc: 47.30 ng/ml



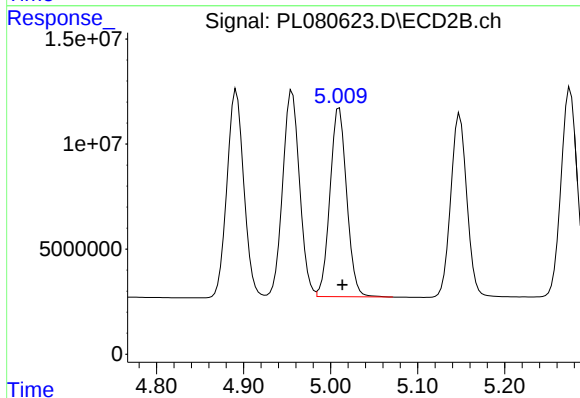
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 110927488
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1-BORING-1-0-7MSD

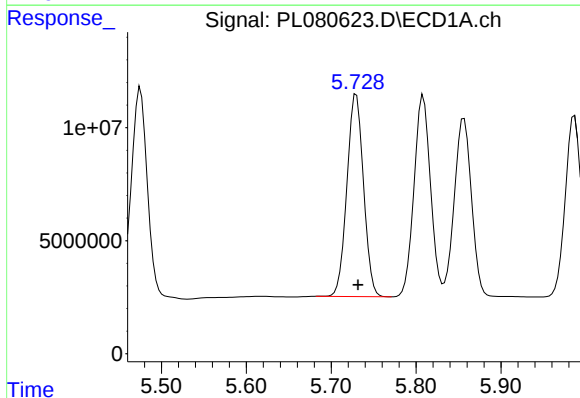
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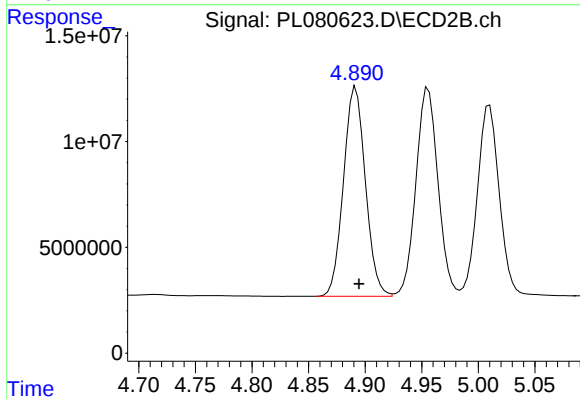
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 120049495
Conc: 46.15 ng/ml



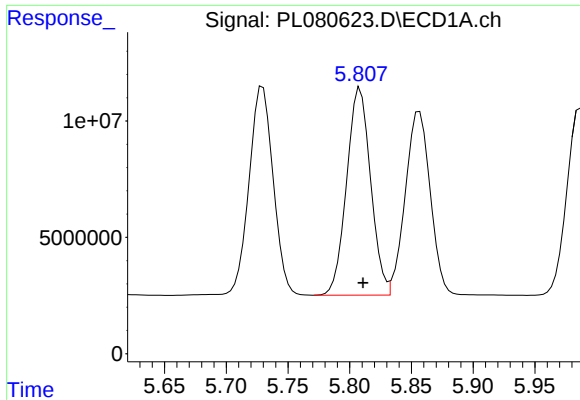
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 121501931
Conc: 48.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 133618178
Conc: 47.14 ng/ml m



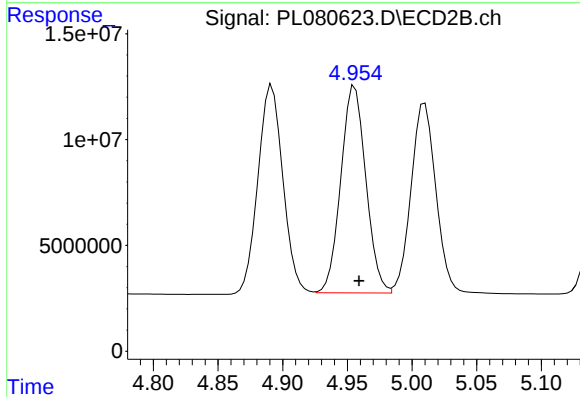
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 120465087
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1-BORING-1-0-7MSD

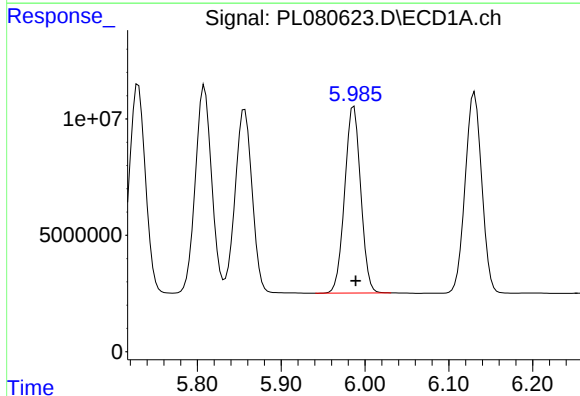
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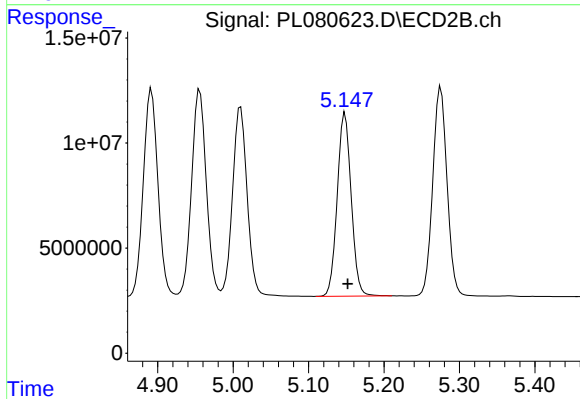
#11 alpha-Chlordane

R.T.: 4.956 min
Delta R.T.: -0.003 min
Response: 131557273
Conc: 45.92 ng/ml



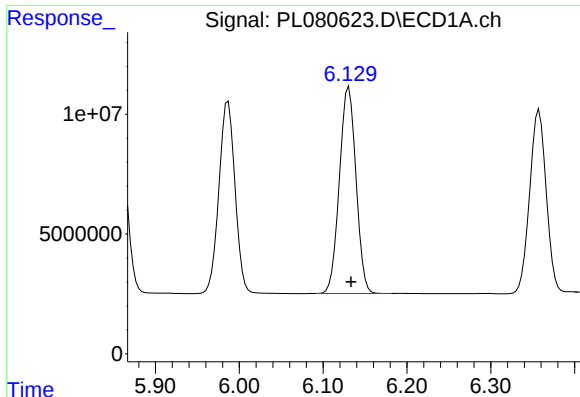
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 106818890
Conc: 47.96 ng/ml



#12 4,4'-DDE

R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 112401393
Conc: 47.65 ng/ml m



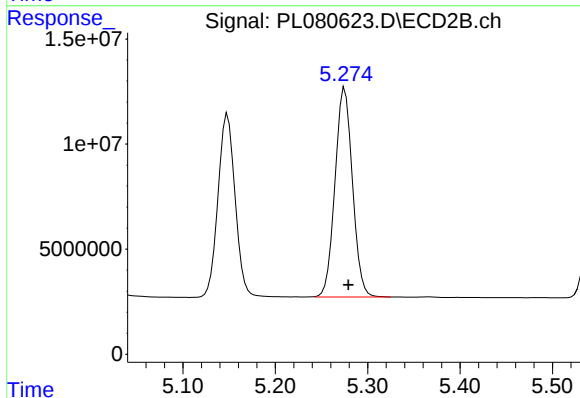
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 118748720
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
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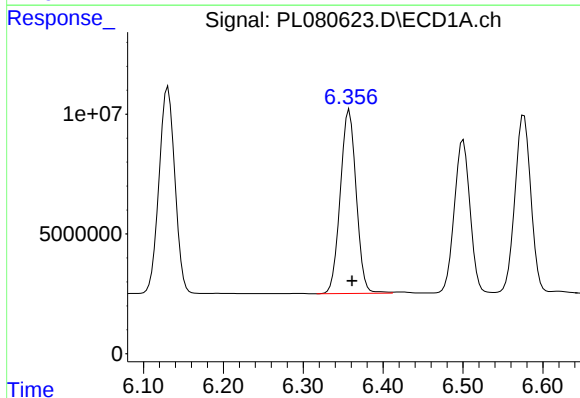
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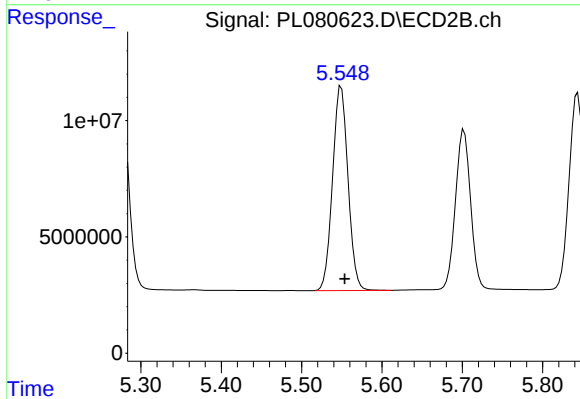
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 130996864
Conc: 48.43 ng/ml m



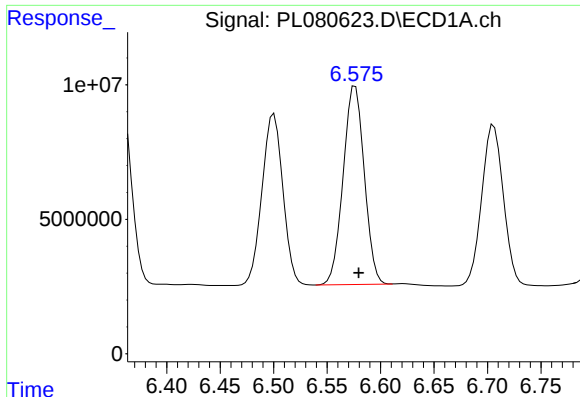
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 106359994
Conc: 49.18 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 117379275
Conc: 50.57 ng/ml



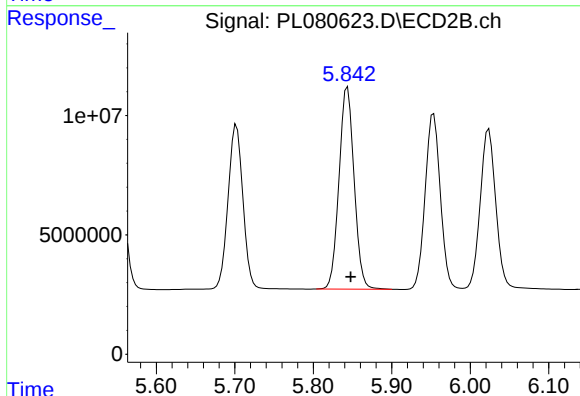
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 101611487
Conc: 44.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
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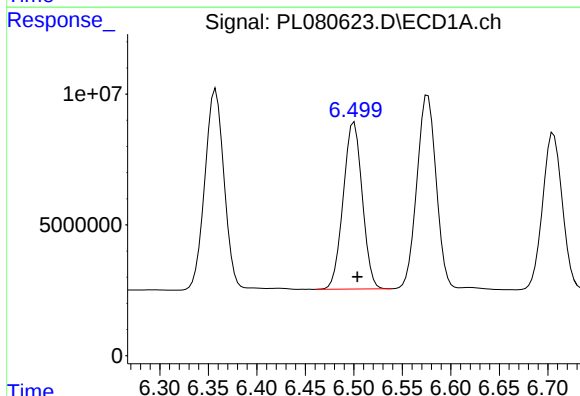
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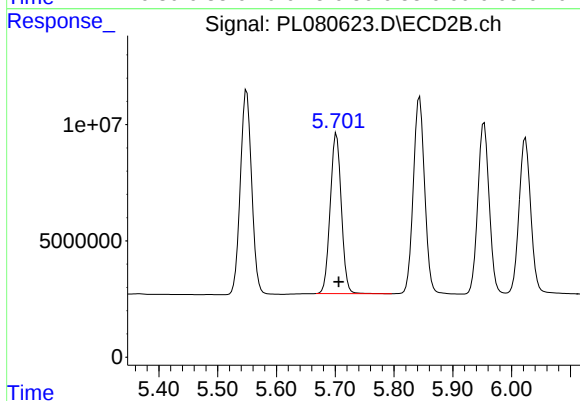
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 113315085
Conc: 54.38 ng/ml m



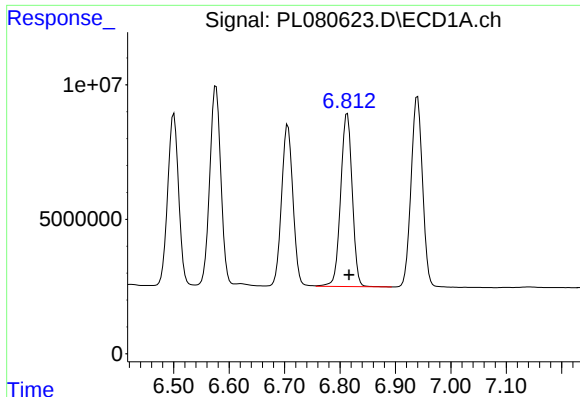
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 86921677
Conc: 47.45 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 90479083
Conc: 48.15 ng/ml



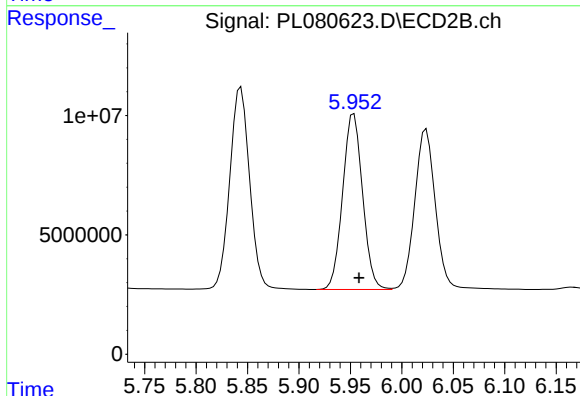
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 93172629
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1-BORING-1-0-7MSD

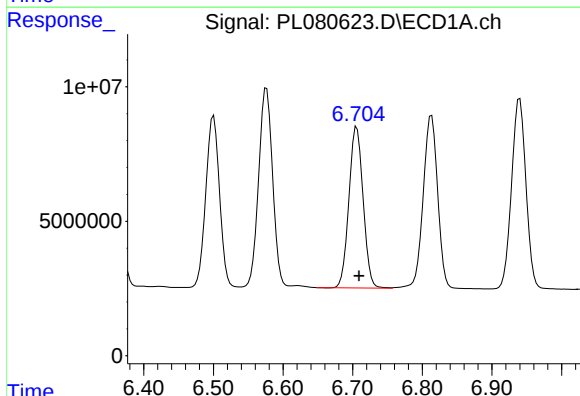
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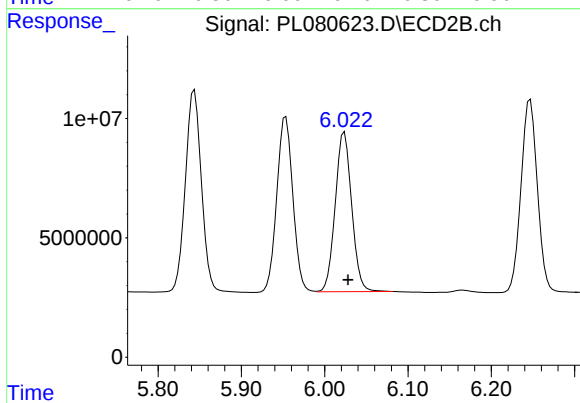
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 99212739
Conc: 47.21 ng/ml m



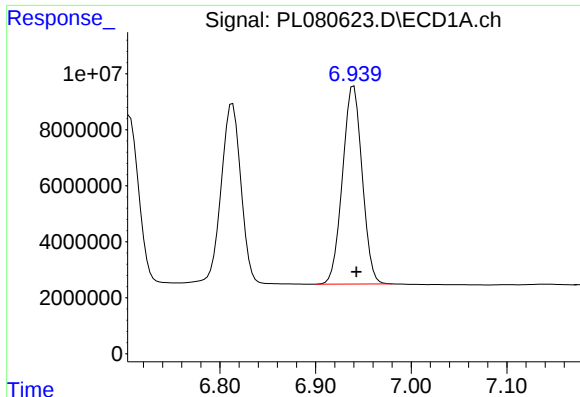
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 84984866
Conc: 51.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 91896805
Conc: 50.32 ng/ml



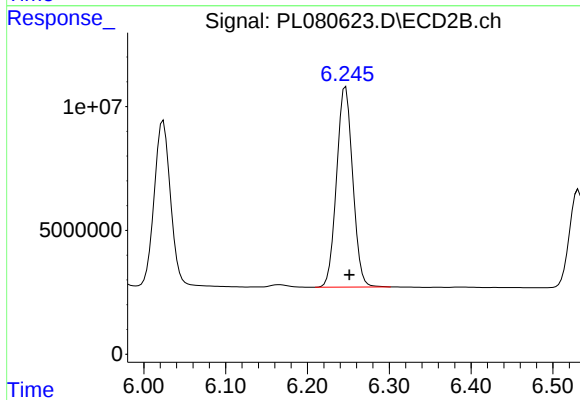
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 101310858
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1-BORING-1-0-7MSD

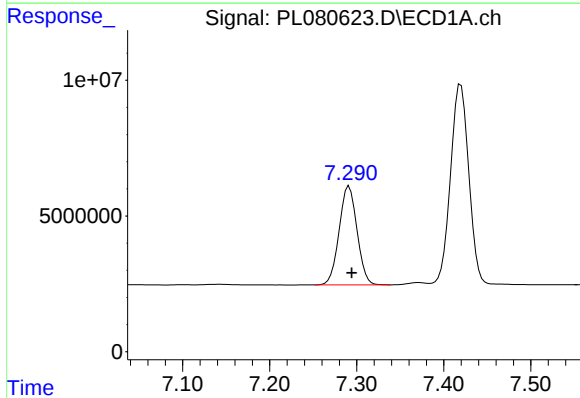
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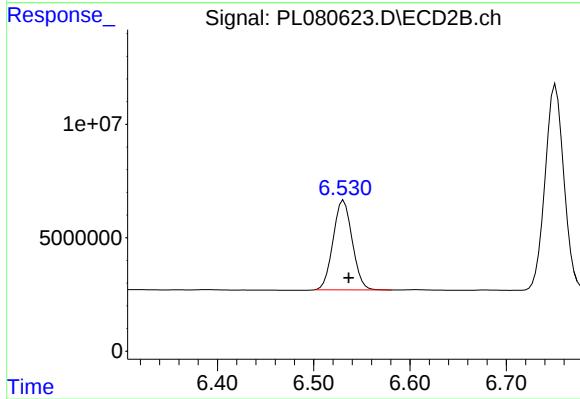
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 110483506
Conc: 47.51 ng/ml



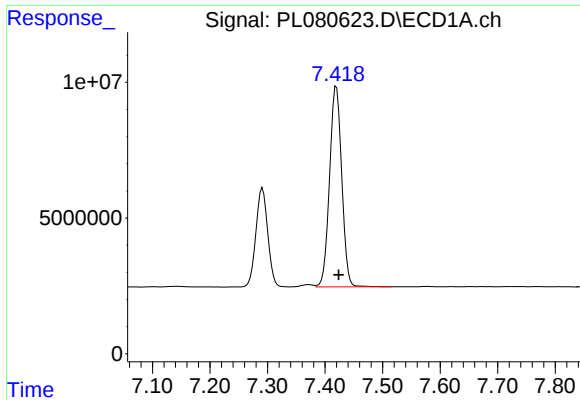
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 51899595
Conc: 47.04 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 54496773
Conc: 44.91 ng/ml



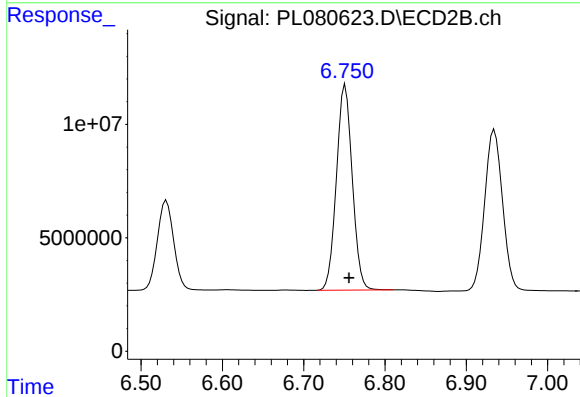
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 108420426
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1-BORING-1-0-7MSD

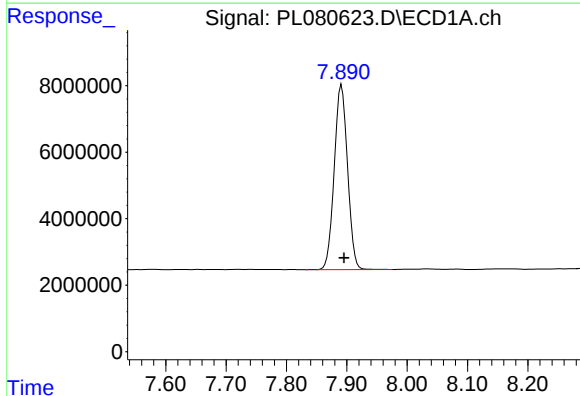
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/01/2023
Supervised By :Ankita Jodhani 02/01/2023



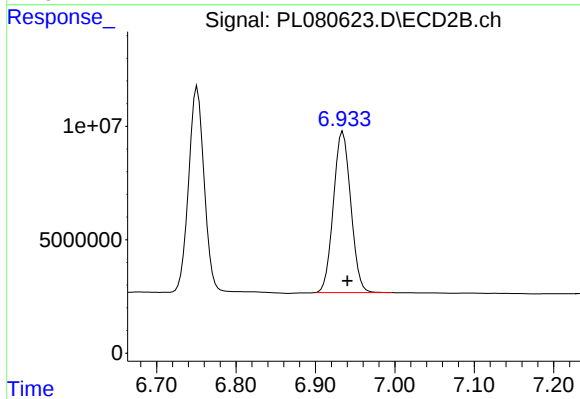
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 122521966
Conc: 47.99 ng/ml



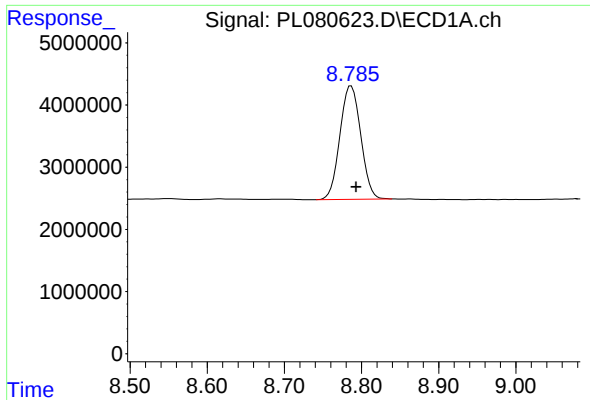
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 85015896
Conc: 49.43 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 107910930
Conc: 47.40 ng/ml



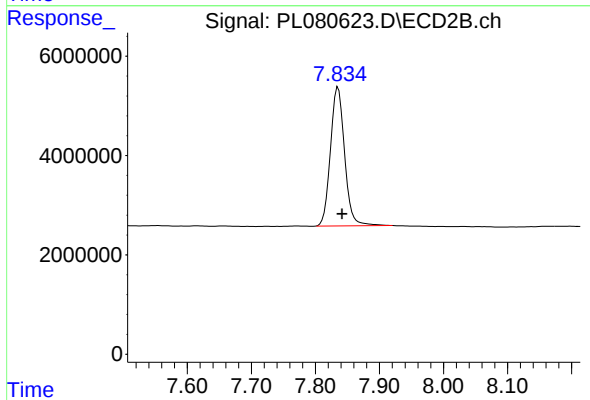
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 34260061
Conc: 19.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1-BORING-1-0-7MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/01/2023
Supervised By :Ankita Jodhani 02/01/2023



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 42983010
Conc: 18.04 ng/ml