

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
 Data File : PL080738.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2023 18:18
 Operator : AR\AJ
 Sample : PB150658BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150658BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/06/2023
 Supervised By :Ankita Jodhani 02/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 23:57:47 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...	3.354	2.687	47577669	47760403	22.182	21.744
28)	SA Decachlor...	8.791	7.835	41649111	48051150	23.789	20.168
Target Compounds							
2)	A alpha-BHC	3.802	3.189	159.1E6	152.9E6	50.224	48.064
3)	MA gamma-BHC...	4.131	3.517	147.6E6	142.3E6	50.198	47.639
4)	MA Heptachlor	4.715	3.858	143.6E6	145.8E6	48.607	45.829
5)	MB Aldrin	5.053	4.138	133.9E6	137.8E6	48.960	46.712
6)	B beta-BHC	4.327	3.814	61665774	59118041	45.176	44.296
7)	B delta-BHC	4.570	4.043	132.2E6	137.5E6	45.667	47.686
8)	B Heptachlo...	5.477	4.640	117.2E6	123.6E6	45.316	44.413
9)	A Endosulfan I	5.859	5.009	110.6E6	111.0E6	46.839	42.665
10)	B gamma-Chl...	5.732	4.890	117.8E6	123.2E6	46.638	43.480m
11)	B alpha-Chl...	5.811	4.954	118.3E6	120.0E6	46.879	41.876
12)	B 4,4'-DDE	5.989	5.147	106.5E6	99229428	47.828	42.067m
13)	MA Dieldrin	6.134	5.273	117.3E6	119.6E6	49.012	44.218m
14)	MA Endrin	6.361	5.549	103.1E6	99029879	47.674	42.664
15)	B Endosulfa...	6.580	5.843	99263078	99634688	43.302	47.816
16)	A 4,4'-DDD	6.504	5.702	85144100	80937543	46.476	43.070
17)	MA 4,4'-DDT	6.817	5.953	94957811	86782793	45.704	41.296
18)	B Endrin al...	6.709	6.023	82489044	84289356	49.590	46.158
19)	B Endosulfa...	6.943	6.246	99439832	100.7E6	48.041	43.316
20)	A Methoxychlor	7.295	6.531	48307916	51741544	43.785	42.639
21)	B Endrin ke...	7.422	6.751	104.2E6	110.2E6	47.218	43.153
22)	Mirex	7.894	6.934	79778494	96655120	46.389	42.454

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
Data File : PL080738.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2023 18:18
Operator : AR\AJ
Sample : PB150658BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

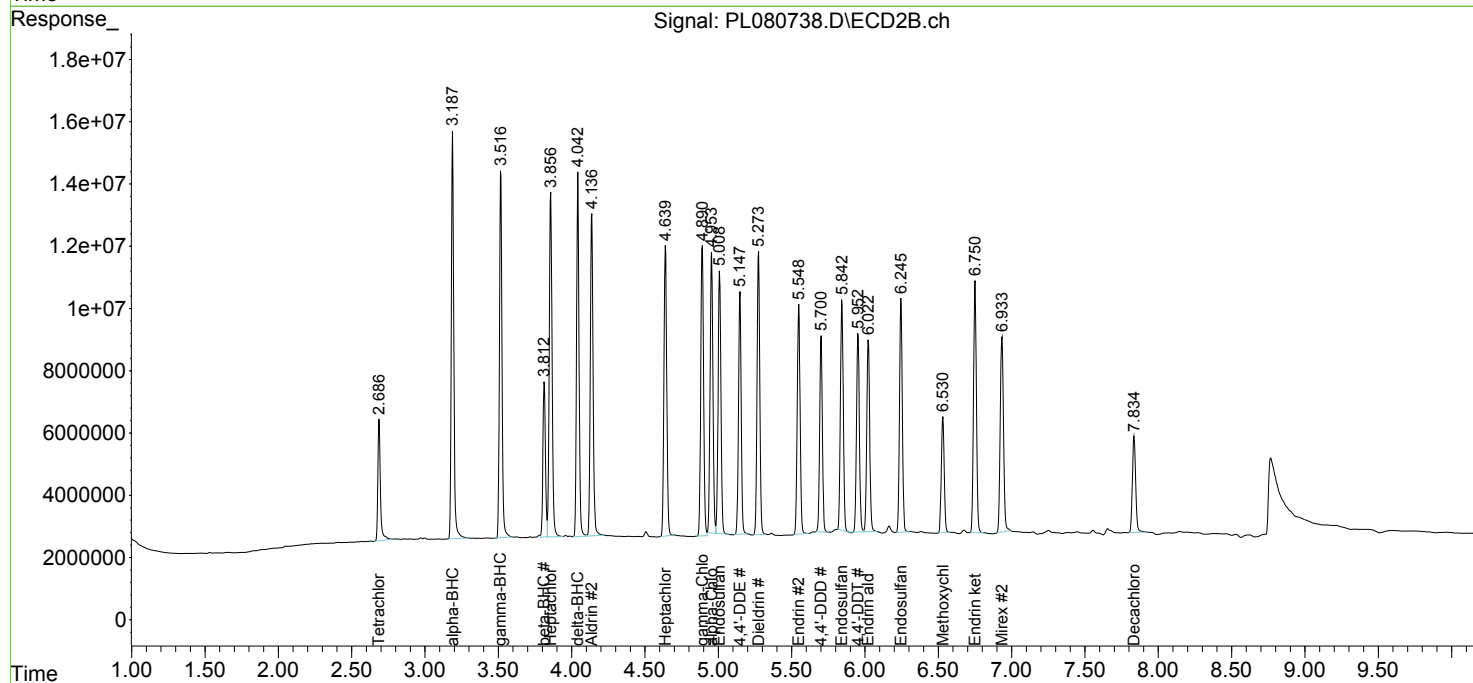
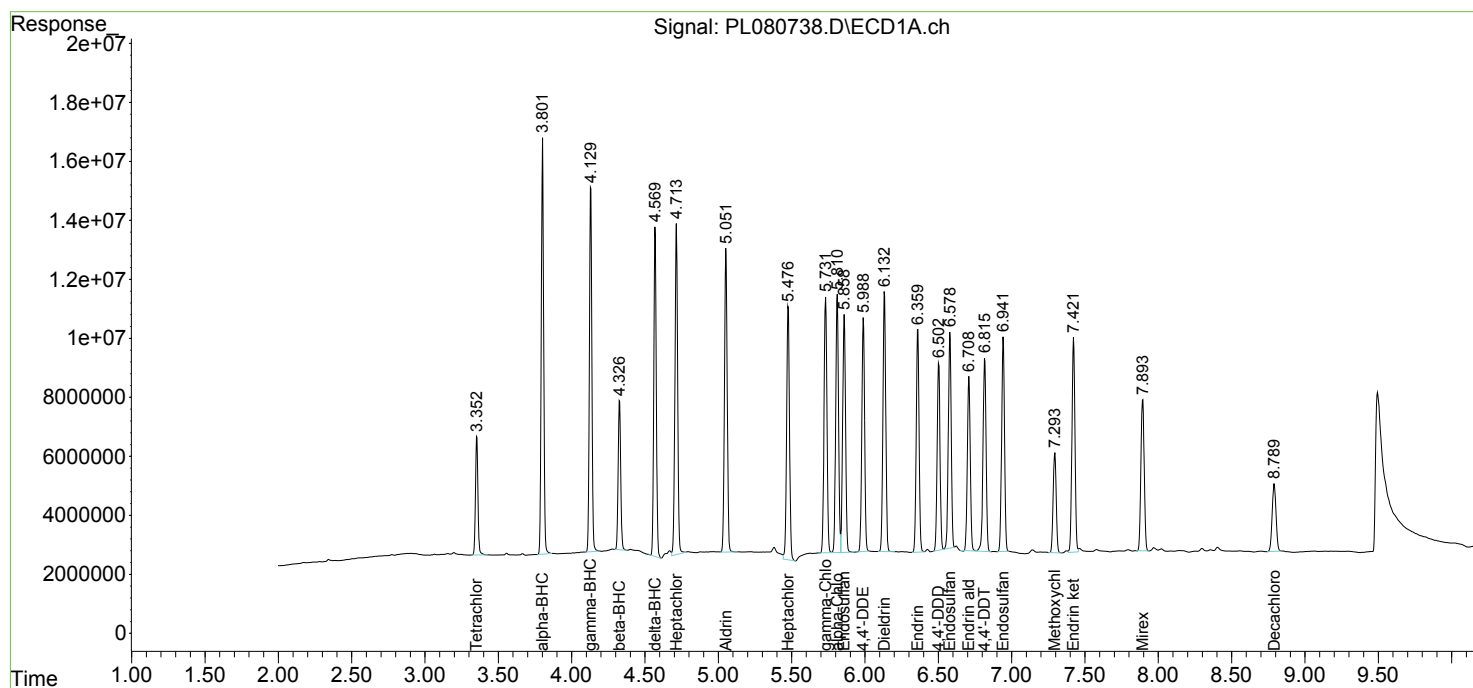
Instrument :
ECD_L
ClientSampleId :
PB150658BS

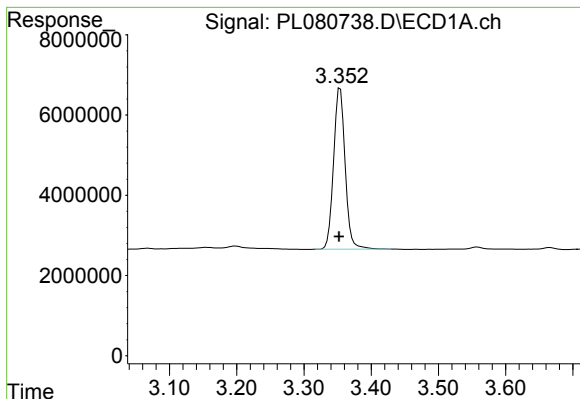
Manual Integrations
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Supervised By :Ankita Jodhani 02/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 03 23:57:47 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





#1 Tetrachloro-m-xylene

R.T.: 3.354 min
Delta R.T.: 0.002 min
Response: 47577669
Conc: 22.18 ng/ml

Instrument :

ECD_L

ClientSampleId :

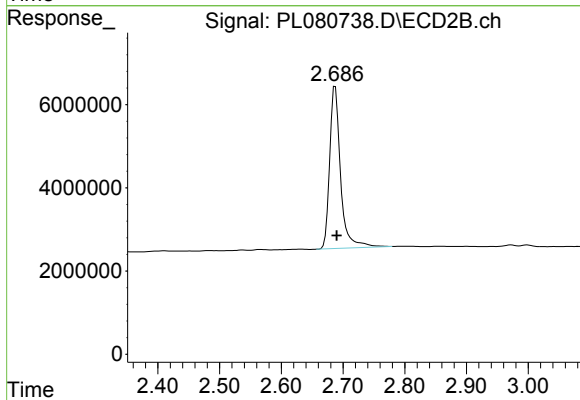
PB150658BS

Manual Integrations

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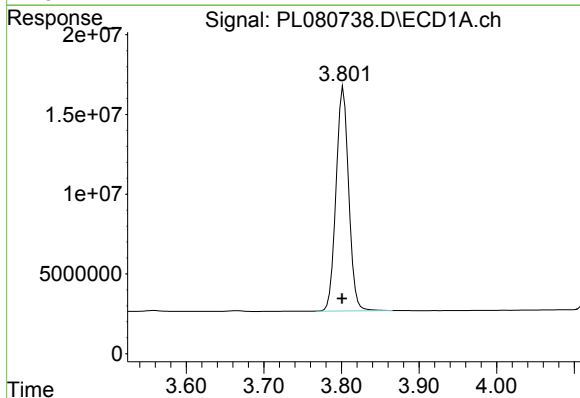
Reviewed By :Abdul Mirza 02/06/2023

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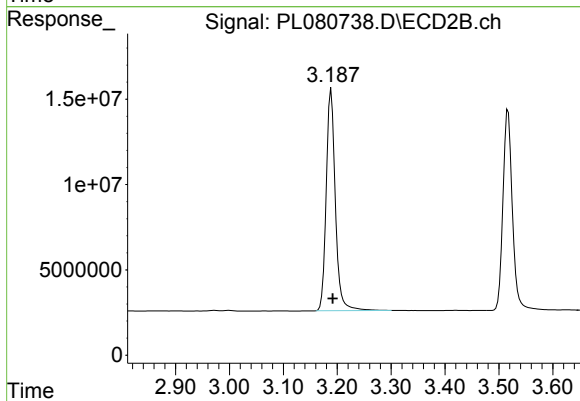
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 47760403
Conc: 21.74 ng/ml



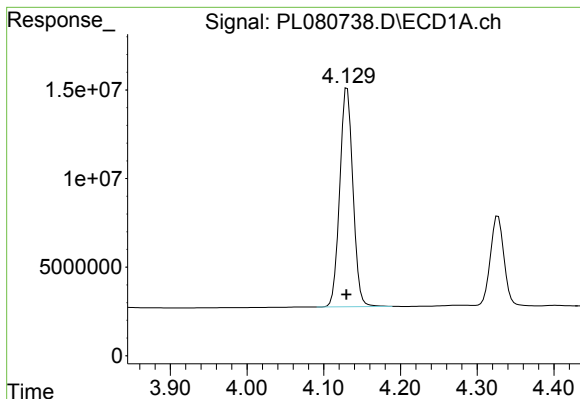
#2 alpha-BHC

R.T.: 3.802 min
Delta R.T.: 0.002 min
Response: 159109919
Conc: 50.22 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 152864239
Conc: 48.06 ng/ml



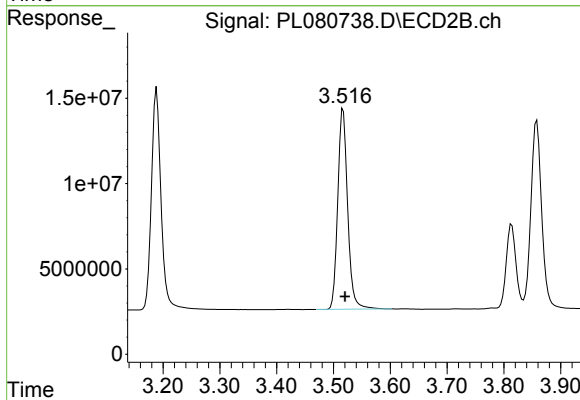
#3 gamma-BHC (Lindane)

R.T.: 4.131 min
Delta R.T.: 0.001 min
Response: 147570842
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150658BS

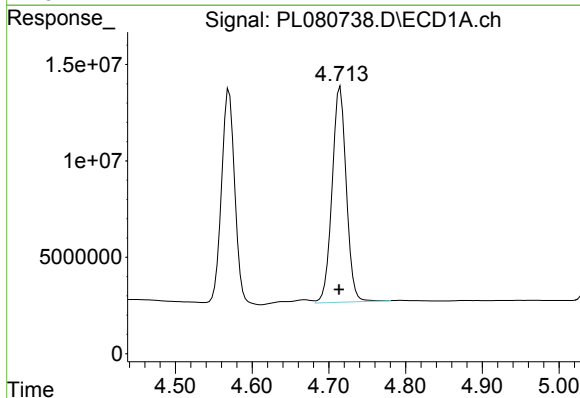
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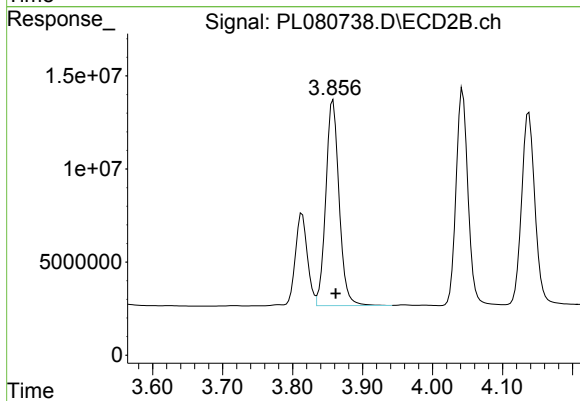
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 142311648
Conc: 47.64 ng/ml



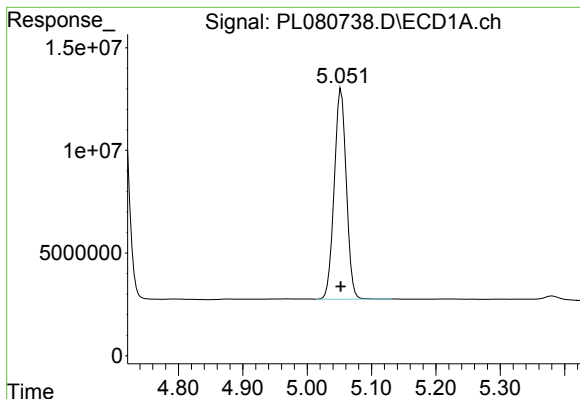
#4 Heptachlor

R.T.: 4.715 min
Delta R.T.: 0.001 min
Response: 143645359
Conc: 48.61 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 145843805
Conc: 45.83 ng/ml



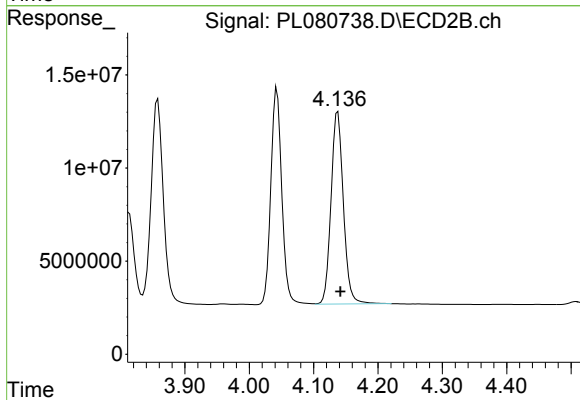
#5 Aldrin

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 133942958
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150658BS

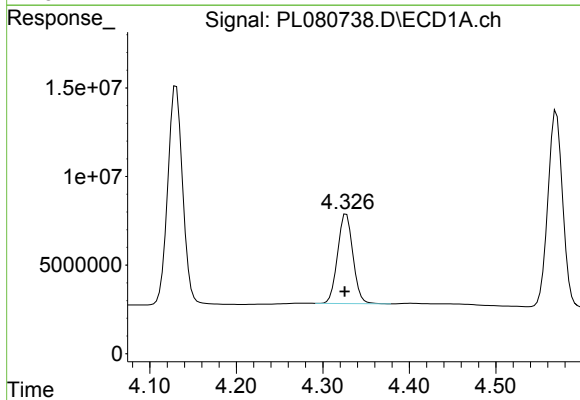
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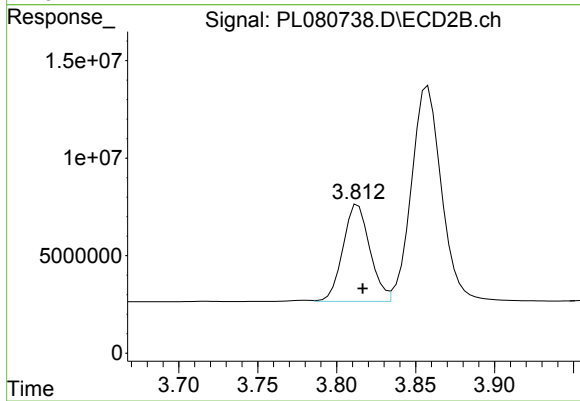
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 137780080
Conc: 46.71 ng/ml



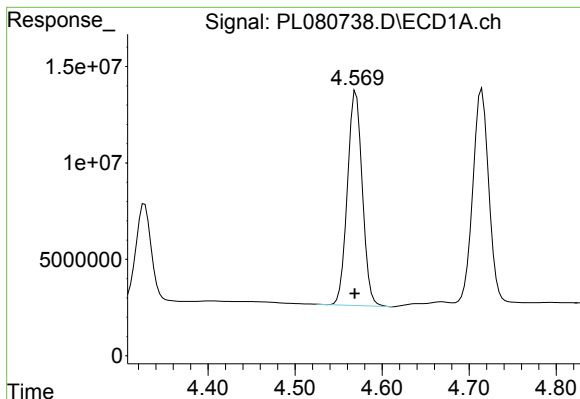
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.002 min
Response: 61665774
Conc: 45.18 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 59118041
Conc: 44.30 ng/ml



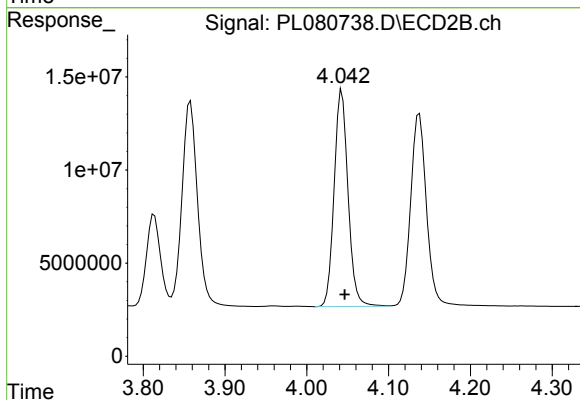
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 132207119
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150658BS

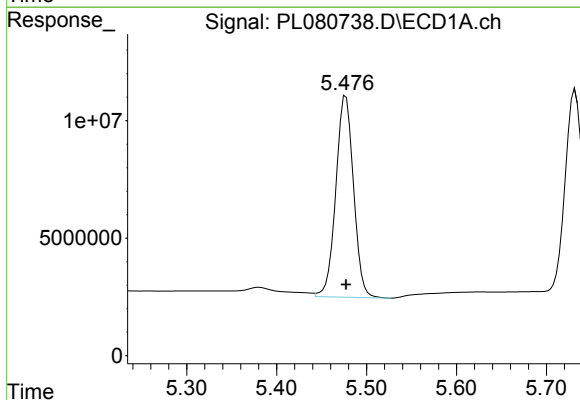
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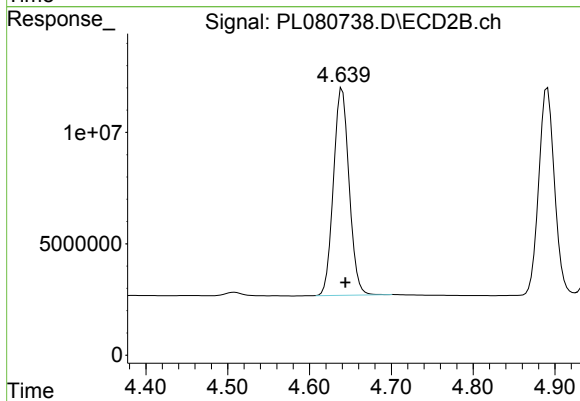
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 137546219
Conc: 47.69 ng/ml



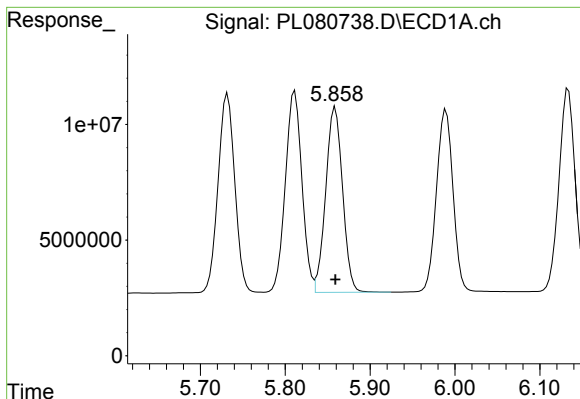
#8 Heptachlor epoxide

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 117235563
Conc: 45.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 123572898
Conc: 44.41 ng/ml



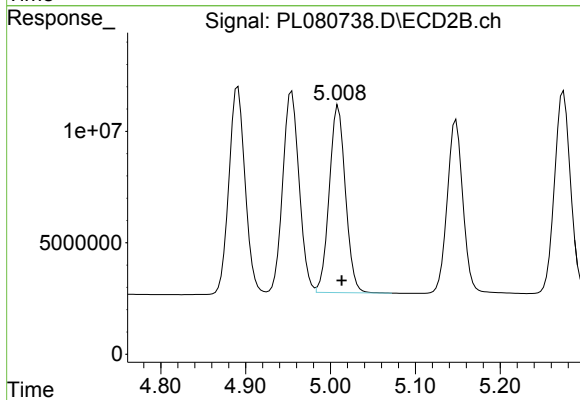
#9 Endosulfan I

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 110607854
Conc: 46.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150658BS

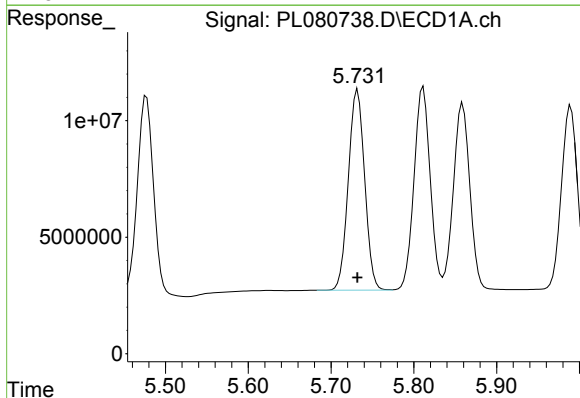
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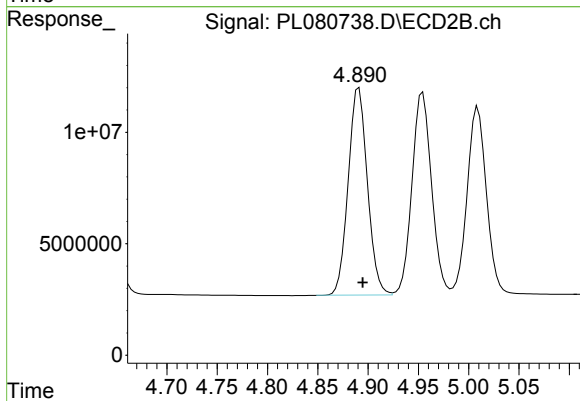
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 110987243
Conc: 42.67 ng/ml



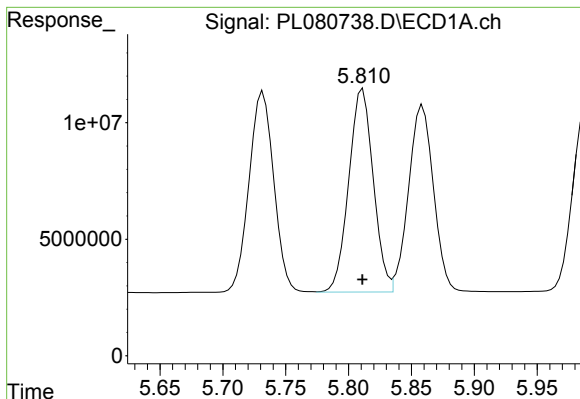
#10 gamma-Chlordane

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 117795307
Conc: 46.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 123233371
Conc: 43.48 ng/ml m



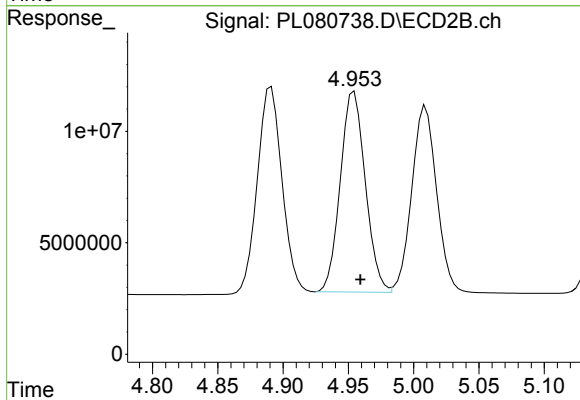
#11 alpha-Chlordane

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 118334217
Conc: 46.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150658BS

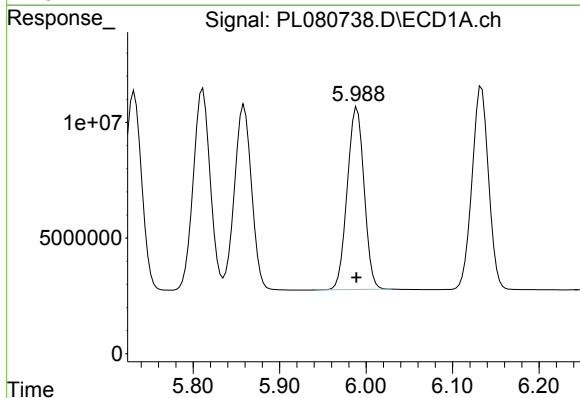
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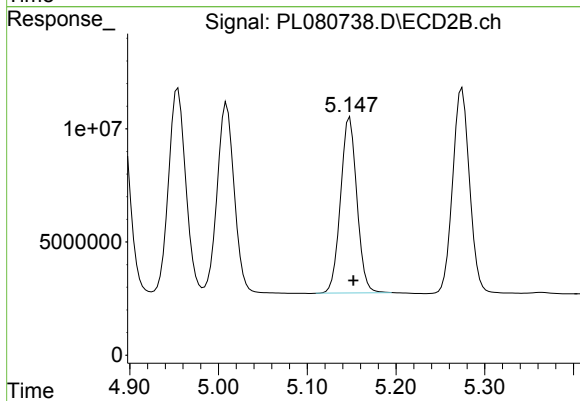
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 119961946
Conc: 41.88 ng/ml



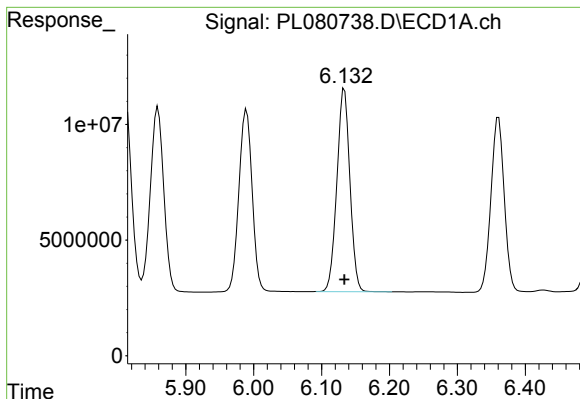
#12 4,4'-DDE

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 106528647
Conc: 47.83 ng/ml



#12 4,4'-DDE

R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 99229428
Conc: 42.07 ng/ml m



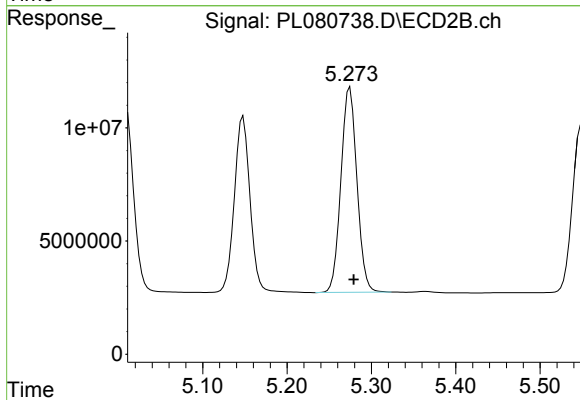
#13 Dieldrin

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 117304135
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150658BS

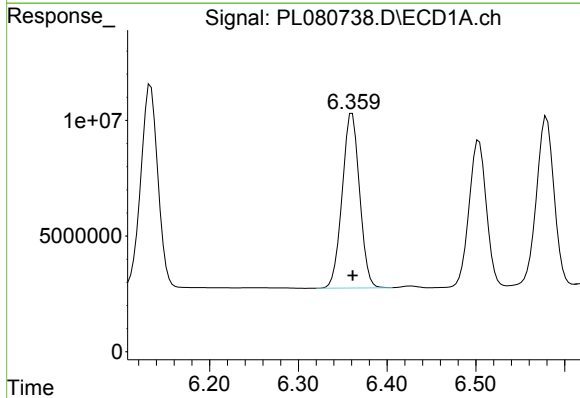
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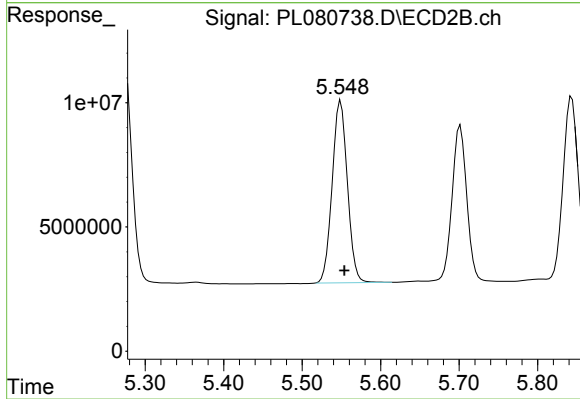
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 119608192
Conc: 44.22 ng/ml m



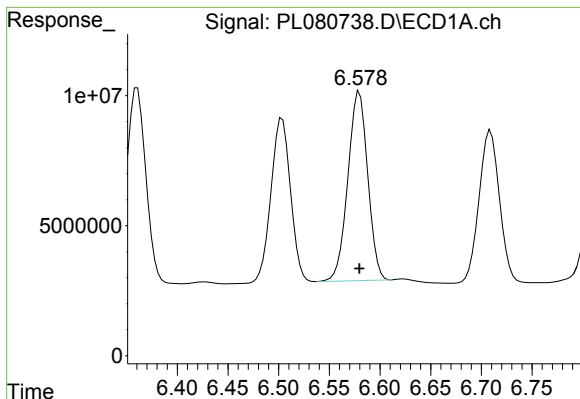
#14 Endrin

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 103105367
Conc: 47.67 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 99029879
Conc: 42.66 ng/ml



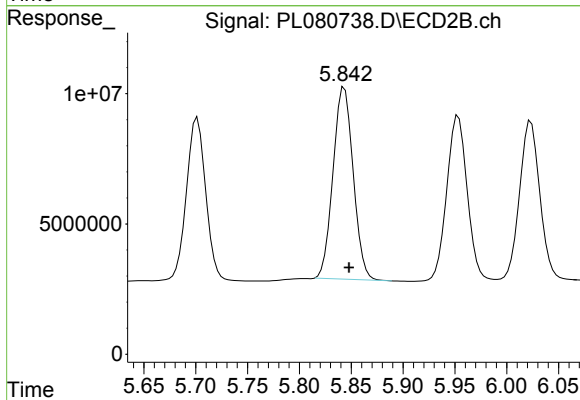
#15 Endosulfan II

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 99263078
Conc: 43.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150658BS

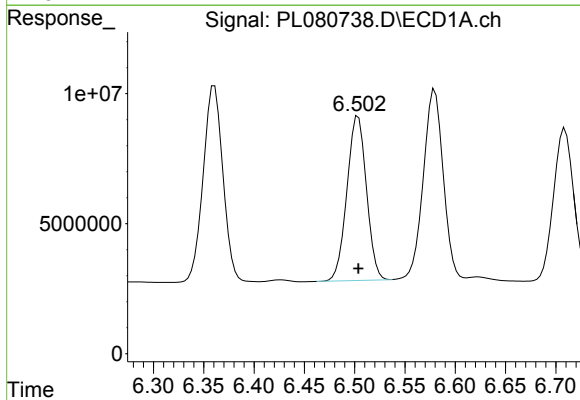
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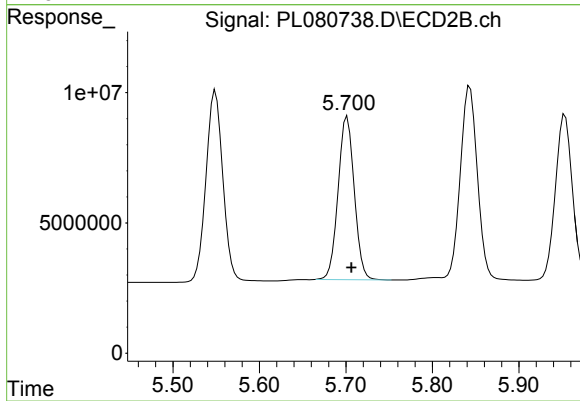
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 99634688
Conc: 47.82 ng/ml



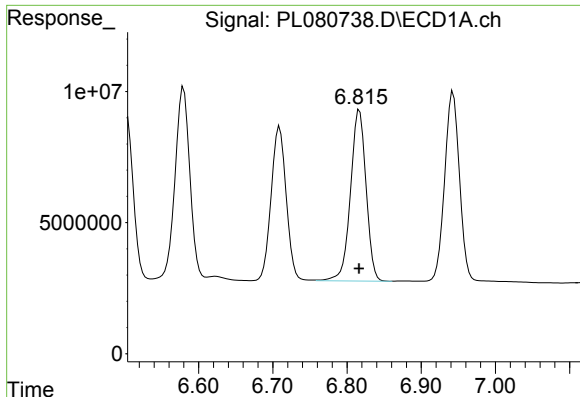
#16 4,4'-DDD

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 85144100
Conc: 46.48 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 80937543
Conc: 43.07 ng/ml



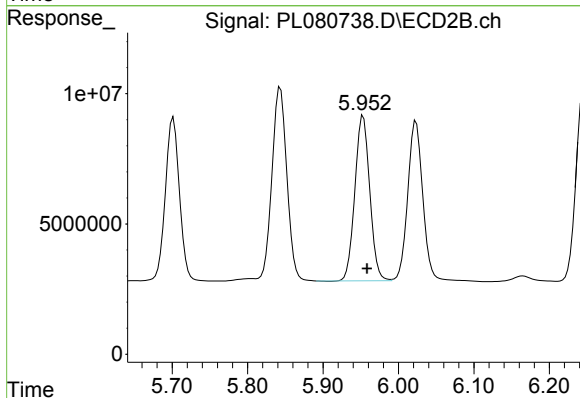
#17 4,4'-DDT

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 94957811
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150658BS

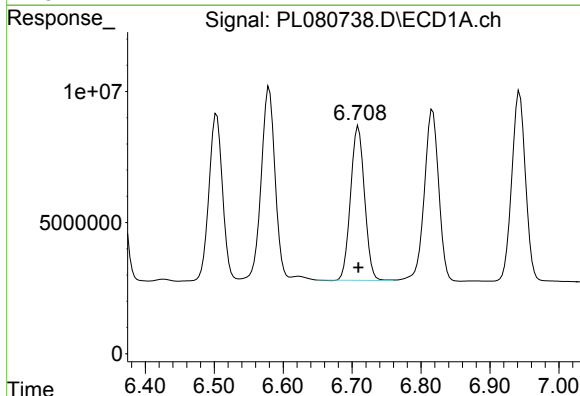
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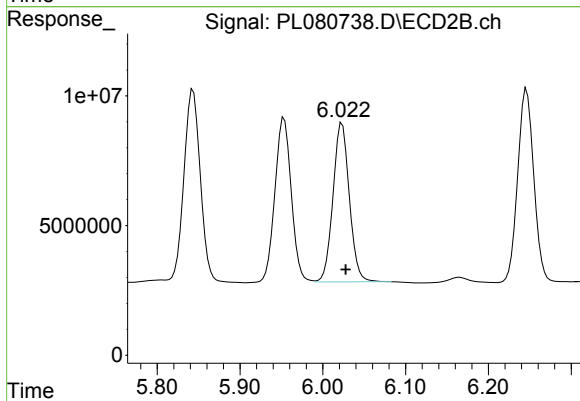
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 86782793
Conc: 41.30 ng/ml



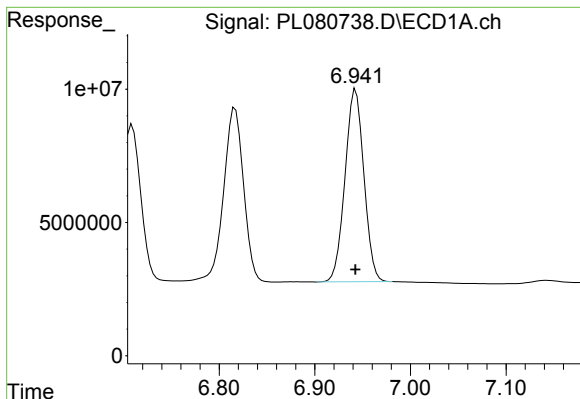
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 82489044
Conc: 49.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 84289356
Conc: 46.16 ng/ml



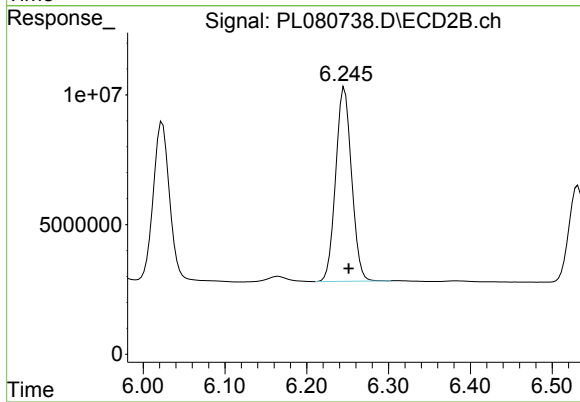
#19 Endosulfan Sulfate

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 99439832
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150658BS

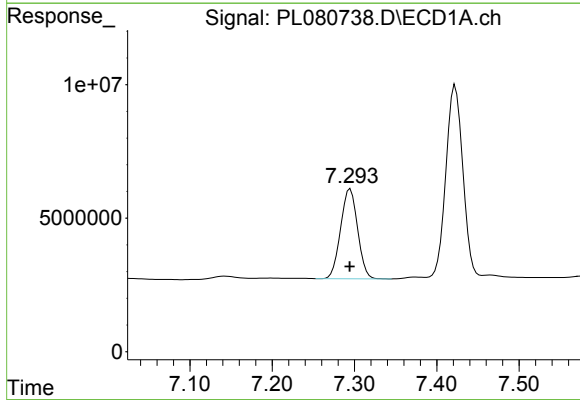
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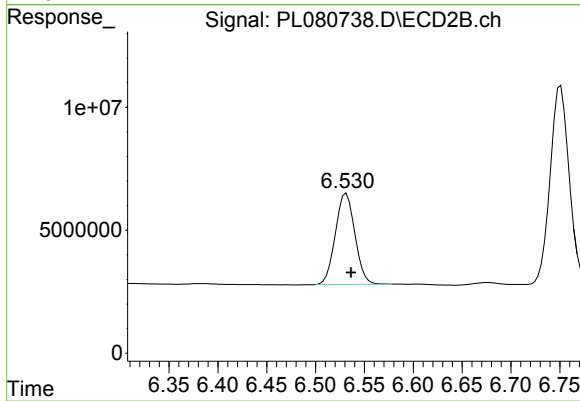
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 100737973
Conc: 43.32 ng/ml



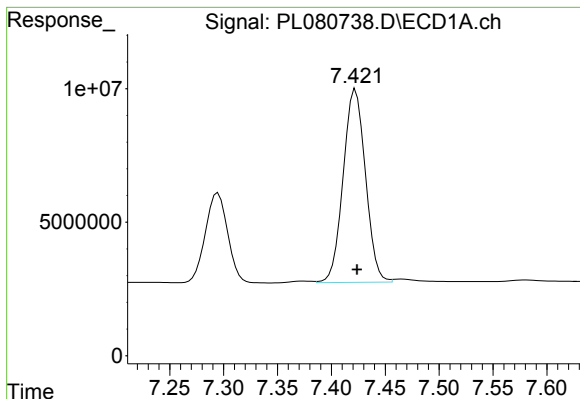
#20 Methoxychlor

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 48307916
Conc: 43.79 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 51741544
Conc: 42.64 ng/ml



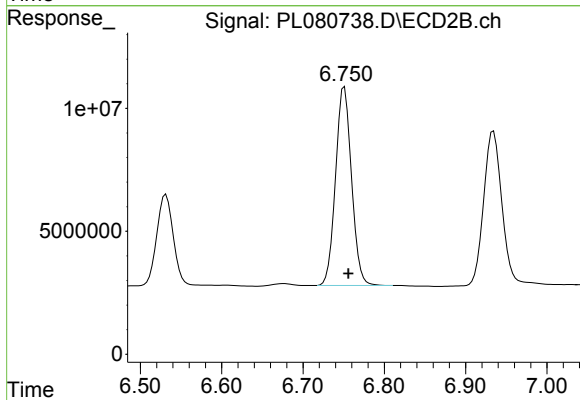
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.001 min
Response: 104179621
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150658BS

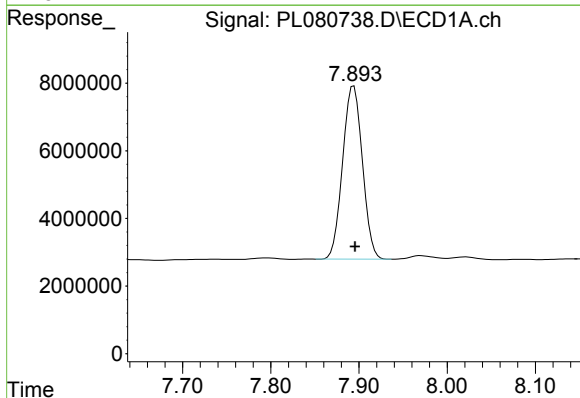
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/06/2023
Supervised By :Ankita Jodhani 02/06/2023



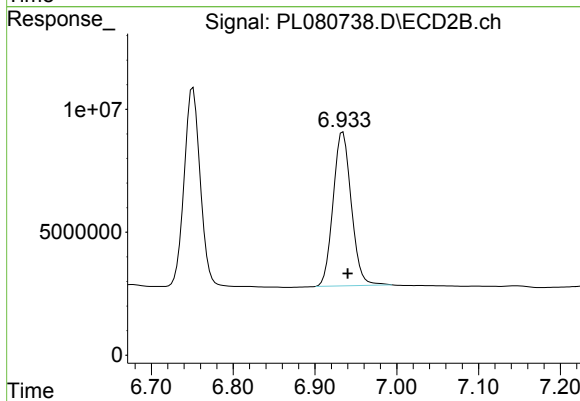
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 110179200
Conc: 43.15 ng/ml



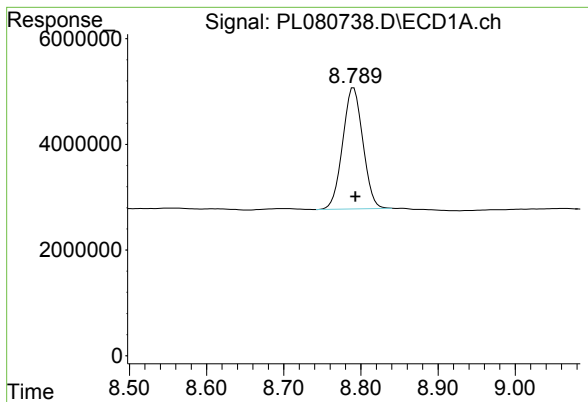
#22 Mirex

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 79778494
Conc: 46.39 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 96655120
Conc: 42.45 ng/ml



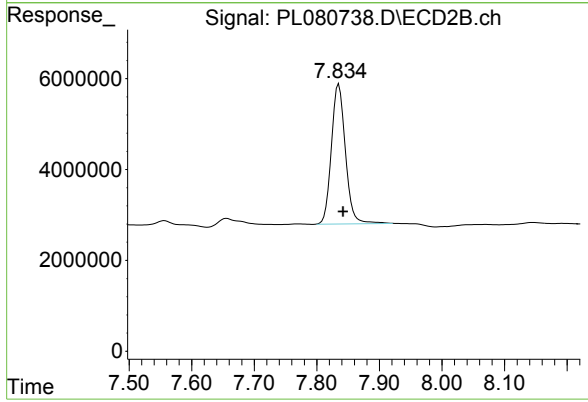
#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 41649111
Conc: 23.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150658BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 48051150
Conc: 20.17 ng/ml