

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011723\
 Data File : PL080365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2023 12:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/18/2023
 Supervised By :Ankita Jodhani 01/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 20:38:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 12 01:47:41 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...	3.353	2.691	101.4E6	101.6E6	50.751	45.405
28)	SA Decachlor...	8.794	7.843	78700123	106.3E6	53.341	47.305
Target Compounds							
2)	A alpha-BHC	3.802	3.192	152.9E6	148.2E6	52.935	46.256
3)	MA gamma-BHC...	4.130	3.521	142.1E6	138.6E6	53.157	45.908
4)	MA Heptachlor	4.714	3.862	136.8E6	142.1E6	52.545	44.133
5)	MB Aldrin	5.053	4.142	128.7E6	141.2E6	54.136	47.462
6)	B beta-BHC	4.326	3.817	62562602	60788245	52.931	45.165
7)	B delta-BHC	4.570	4.047	137.7E6	135.3E6	52.704	46.809
8)	B Heptachlo...	5.478	4.644	126.6E6	126.0E6	57.035	44.934
9)	A Endosulfan I	5.859	5.014	110.6E6	113.4E6	54.578	43.372
10)	B gamma-Chl...	5.732	4.895	120.3E6	128.6E6	54.952	45.012
11)	B alpha-Chl...	5.812	4.960	118.2E6	128.4E6	54.472	44.882
12)	B 4,4'-DDE	5.990	5.153	105.2E6	109.8E6	54.234	46.762
13)	MA Dieldrin	6.134	5.280	112.2E6	127.9E6	54.616	46.912
14)	MA Endrin	6.360	5.554	91232672	102.8E6	49.739m	43.194
15)	B Endosulfa...	6.581	5.849	96883829	101.0E6	50.229	41.655
16)	A 4,4'-DDD	6.504	5.707	94136257	94572017	59.479	51.026
17)	MA 4,4'-DDT	6.818	5.959	87232863	89796374	49.464	42.613
18)	B Endrin al...	6.710	6.029	78310788	80413589	54.283	44.167
19)	B Endosulfa...	6.944	6.252	95607044	105.8E6	54.853	45.562
20)	A Methoxychlor	7.295	6.538	44662467	50905722	50.129	42.351
21)	B Endrin ke...	7.424	6.757	103.9E6	120.1E6	55.780	47.700
22)	Mirex	7.896	6.941	77349346	102.0E6	54.682	45.298

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011723\
Data File : PL080365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2023 12:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

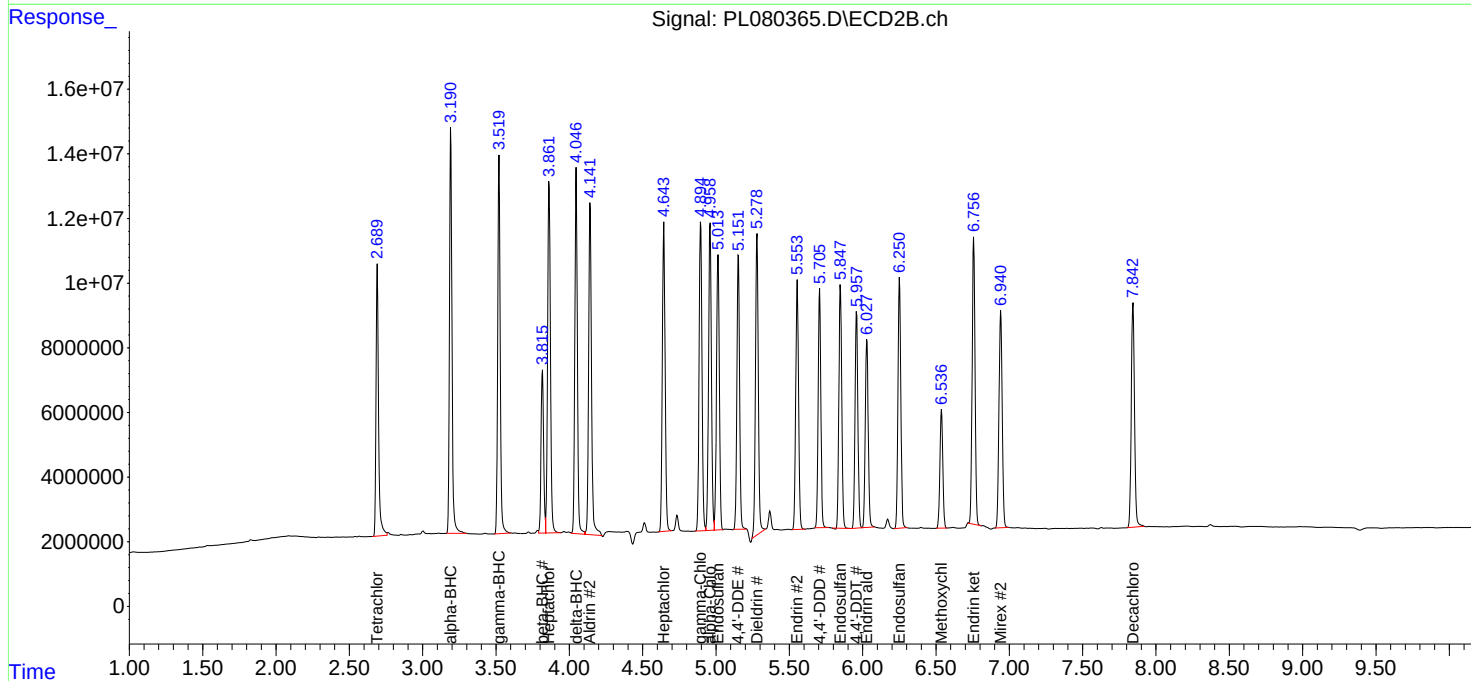
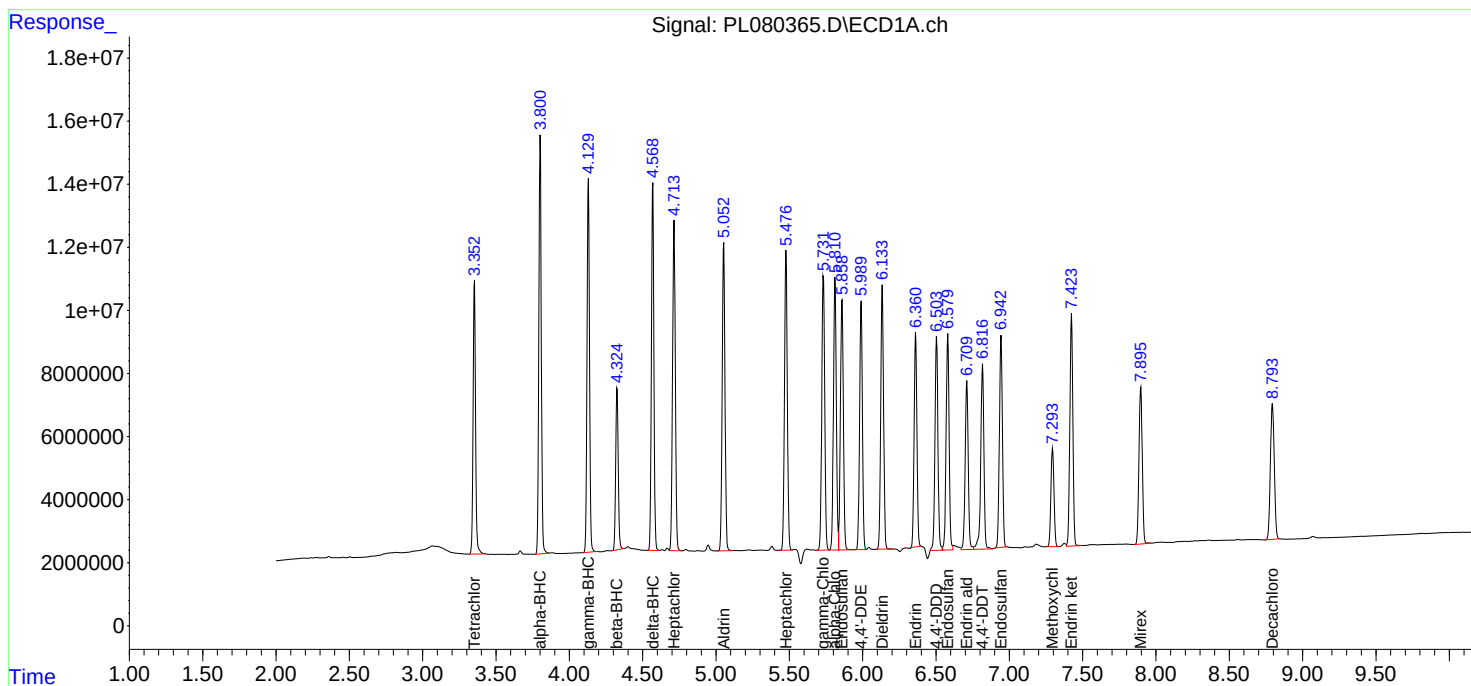
Manual Integrations

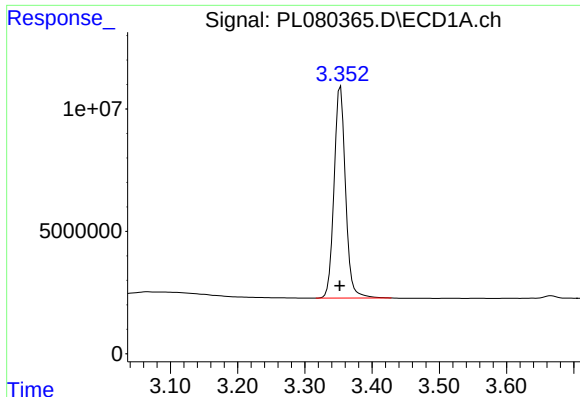
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Reviewed By :Abdul Mirza 01/18/2023
Supervised By :Ankita Jodhani 01/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 20:38:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
Quant Title : GC Extractables
QLast Update : Thu Jan 12 01:47:41 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





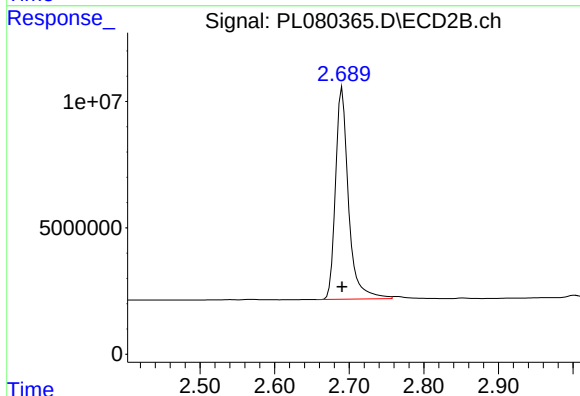
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 101384013
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

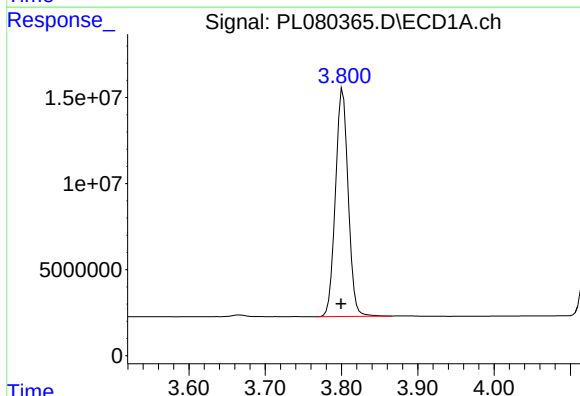
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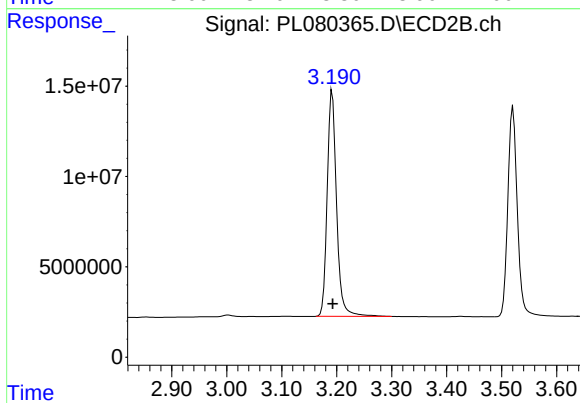
#1 Tetrachloro-m-xylene

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 101551912
Conc: 45.41 ng/ml



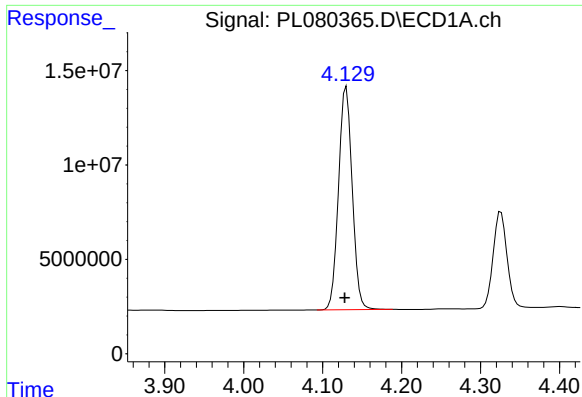
#2 alpha-BHC

R.T.: 3.802 min
Delta R.T.: 0.002 min
Response: 152889638
Conc: 52.94 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 148179272
Conc: 46.26 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.130 min
Delta R.T.: 0.002 min
Response: 142098300
Conc: 53.16 ng/ml

Instrument :

ECD_L

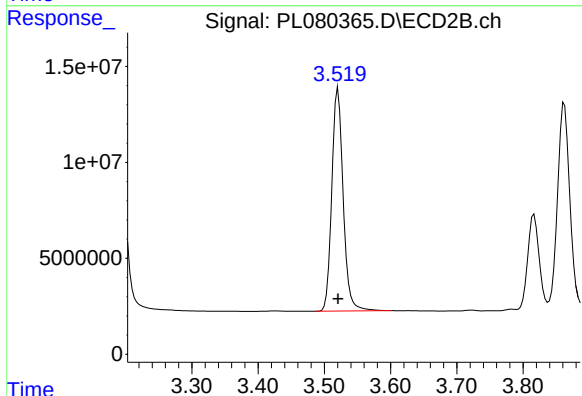
ClientSampleId :

PSTDCCC050

Manual Integrations

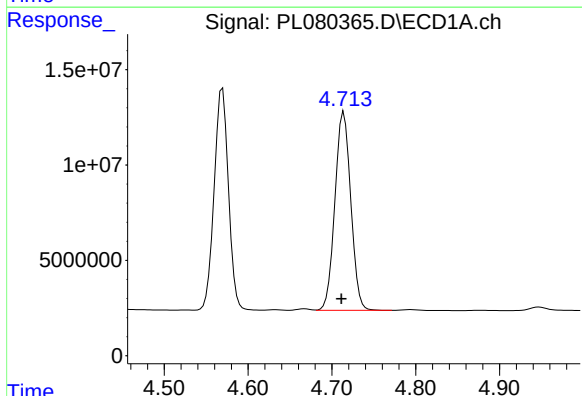
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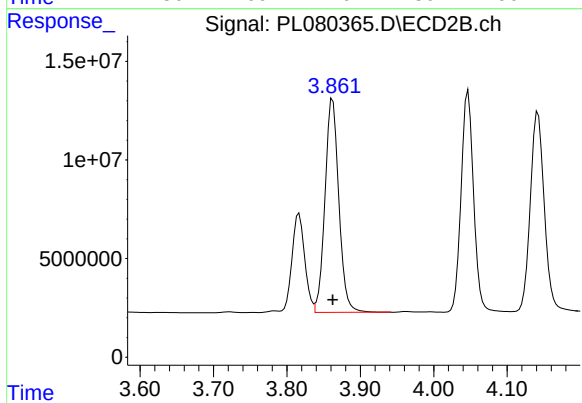
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: 0.000 min
Response: 138587171
Conc: 45.91 ng/ml



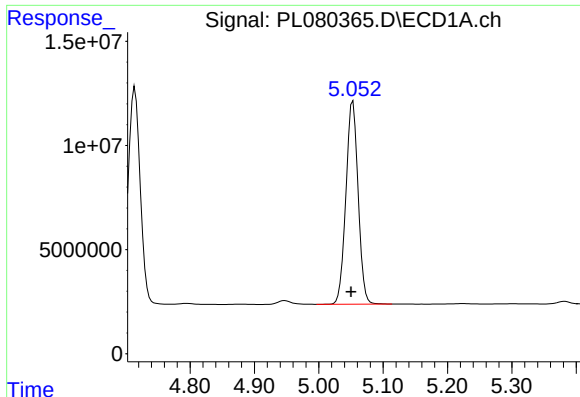
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: 0.003 min
Response: 136779361
Conc: 52.55 ng/ml



#4 Heptachlor

R.T.: 3.862 min
Delta R.T.: 0.000 min
Response: 142090746
Conc: 44.13 ng/ml



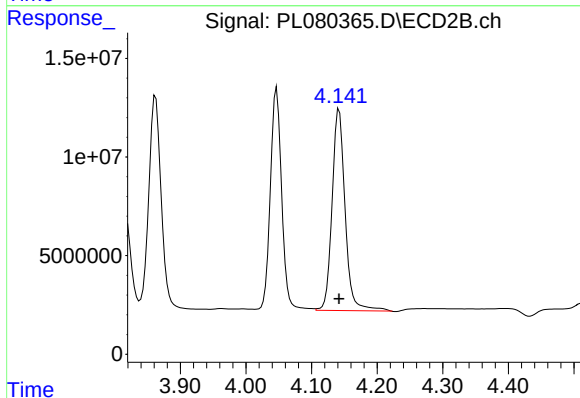
#5 Aldrin

R.T.: 5.053 min
Delta R.T.: 0.003 min
Response: 128684549
Conc: 54.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

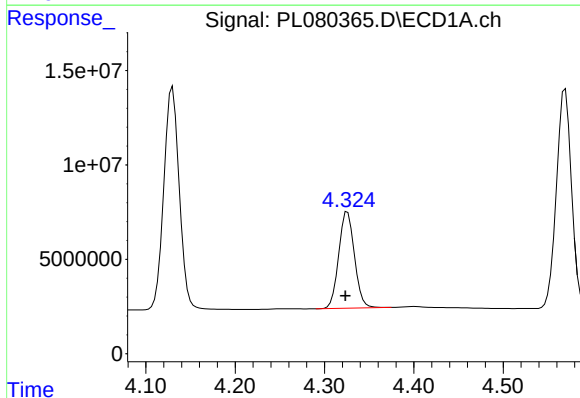
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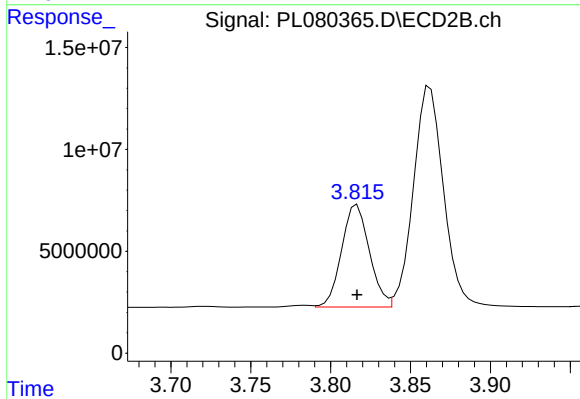
#5 Aldrin

R.T.: 4.142 min
Delta R.T.: 0.000 min
Response: 141216671
Conc: 47.46 ng/ml



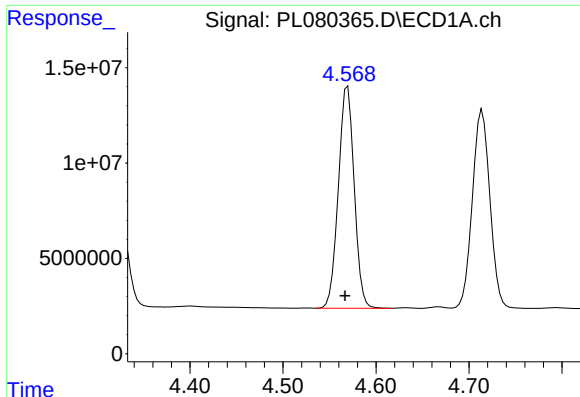
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 62562602
Conc: 52.93 ng/ml



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 60788245
Conc: 45.17 ng/ml



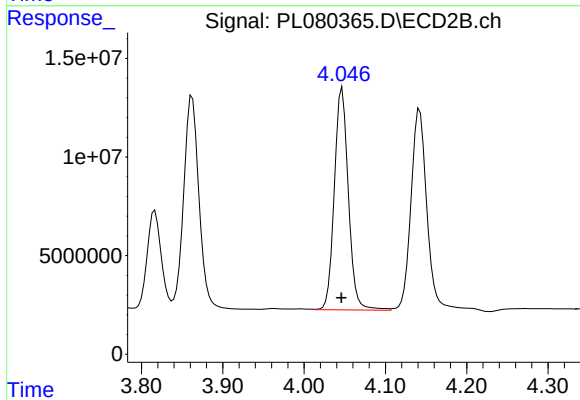
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: 0.003 min
Response: 137694258
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

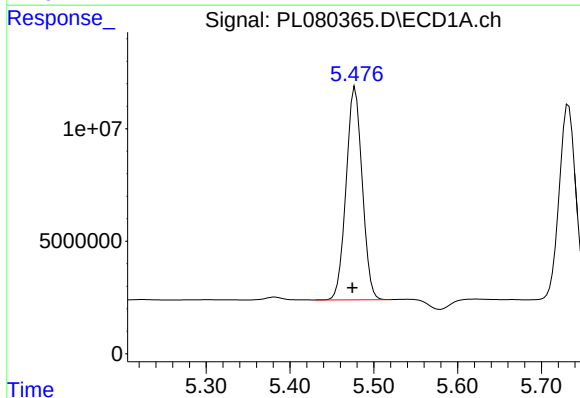
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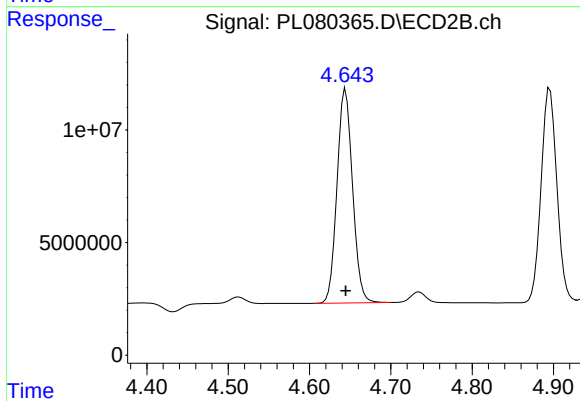
#7 delta-BHC

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 135271709
Conc: 46.81 ng/ml



#8 Heptachlor epoxide

R.T.: 5.478 min
Delta R.T.: 0.003 min
Response: 126633401
Conc: 57.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 125992685
Conc: 44.93 ng/ml

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R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 113388882
Conc: 43.37 ng/ml

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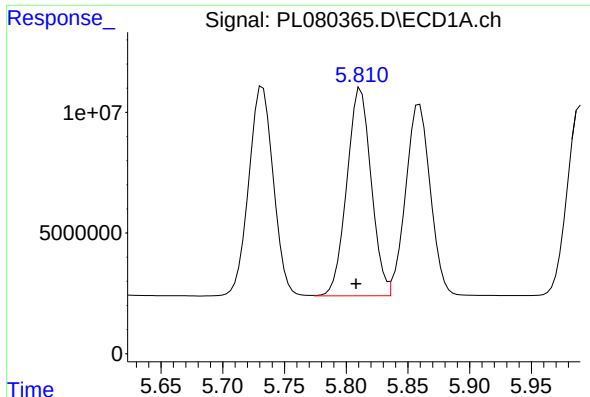
      R.T.:      5.732 min
Delta R.T.:      0.004 min
Response: 120301751
      Conc:      54.95 ng/ml

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      R.T.:      4.895 min
Delta R.T.:      0.000 min
Response: 128600411
      Conc:      45.01 ng/ml

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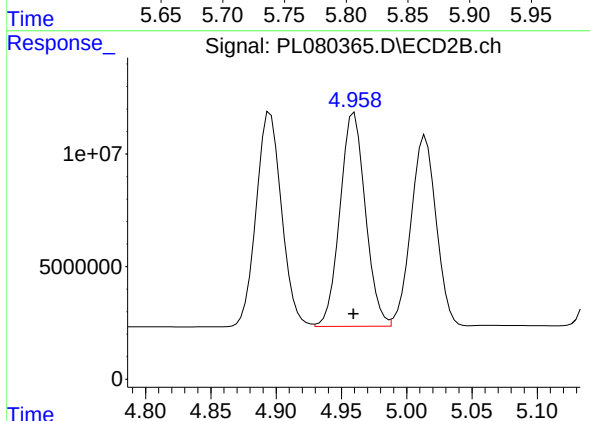
#11 alpha-Chlordane

R.T.: 5.812 min
Delta R.T.: 0.004 min
Response: 118173798
Conc: 54.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

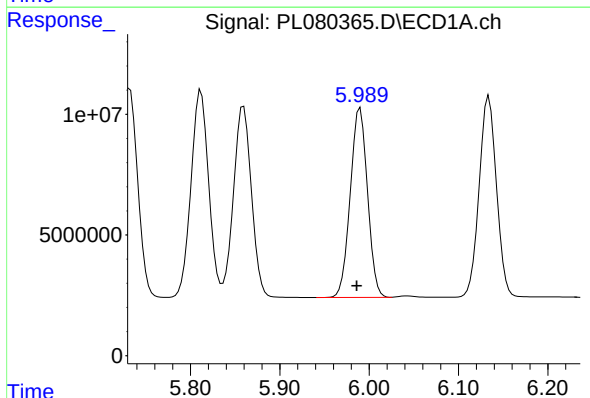
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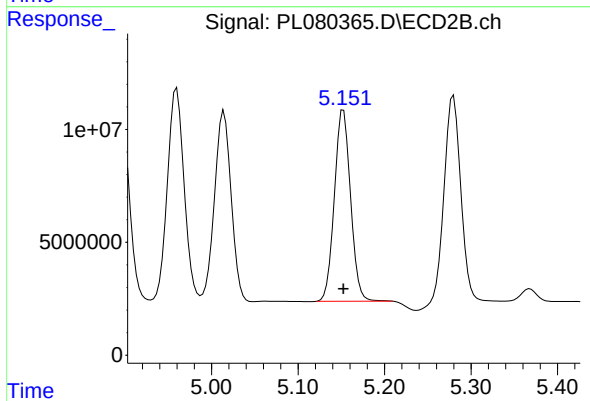
#11 alpha-Chlordane

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 128387267
Conc: 44.88 ng/ml



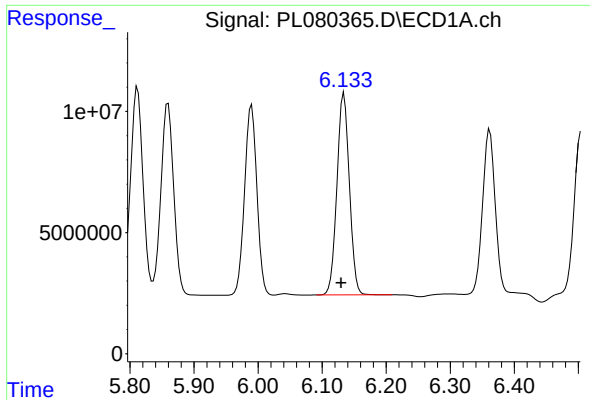
#12 4,4'-DDE

R.T.: 5.990 min
Delta R.T.: 0.004 min
Response: 105191149
Conc: 54.23 ng/ml



#12 4,4'-DDE

R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 109799863
Conc: 46.76 ng/ml



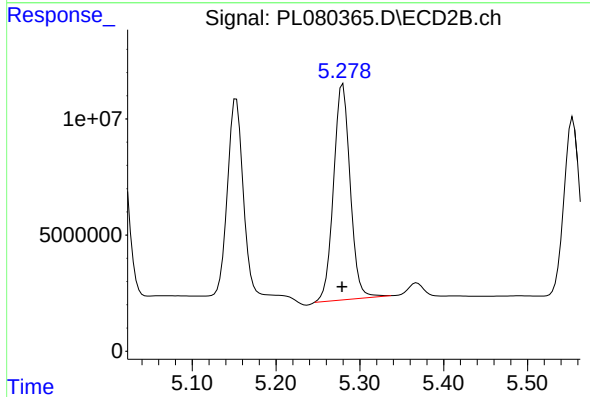
#13 Dieldrin

R.T.: 6.134 min
Delta R.T.: 0.004 min
Response: 112224476
Conc: 54.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

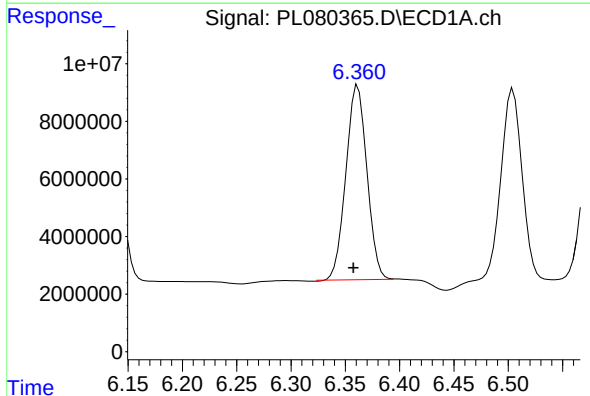
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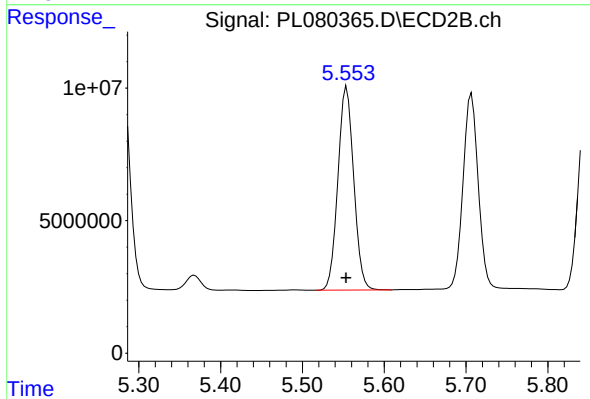
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 127858533
Conc: 46.91 ng/ml



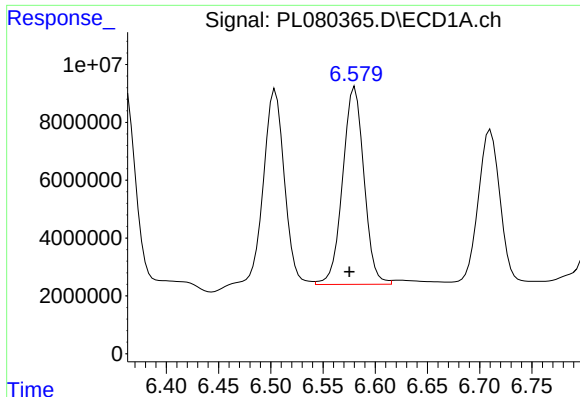
#14 Endrin

R.T.: 6.360 min
Delta R.T.: 0.003 min
Response: 91232672
Conc: 49.74 ng/ml m



#14 Endrin

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 102769487
Conc: 43.19 ng/ml



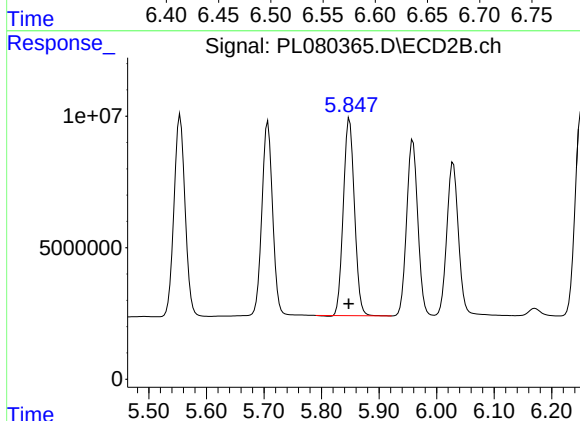
#15 Endosulfan II

R.T.: 6.581 min
Delta R.T.: 0.005 min
Response: 96883829
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

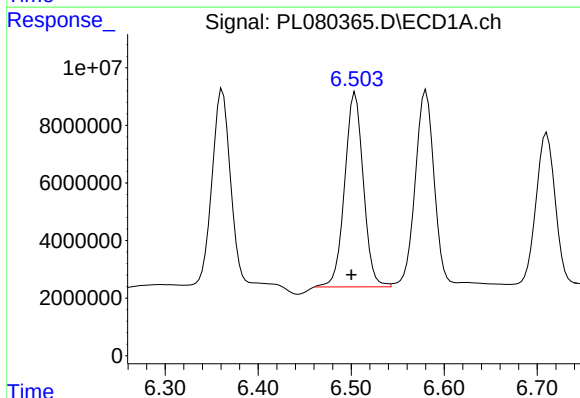
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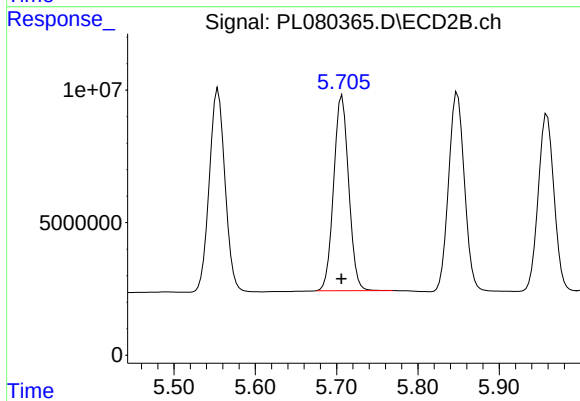
#15 Endosulfan II

R.T.: 5.849 min
Delta R.T.: 0.001 min
Response: 101041413
Conc: 41.65 ng/ml



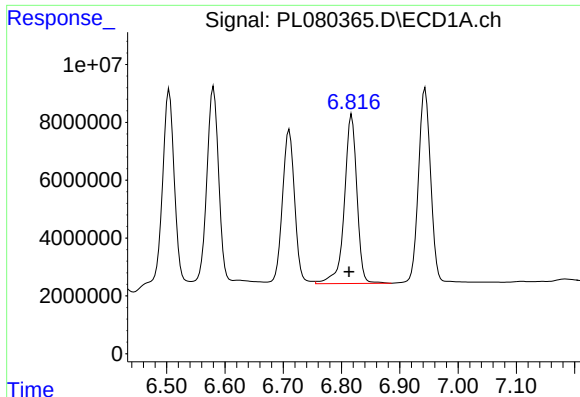
#16 4,4'-DDD

R.T.: 6.504 min
Delta R.T.: 0.004 min
Response: 94136257
Conc: 59.48 ng/ml



#16 4,4'-DDD

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 94572017
Conc: 51.03 ng/ml



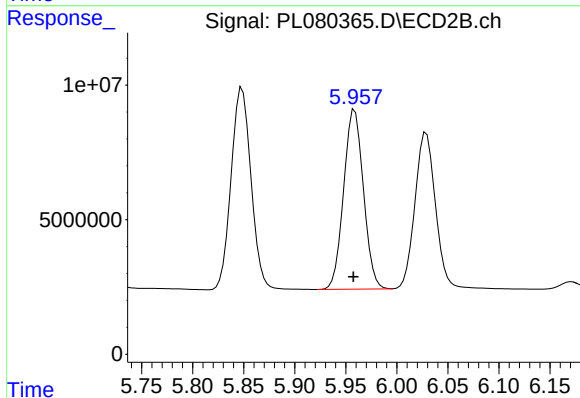
#17 4,4'-DDT

R.T.: 6.818 min
Delta R.T.: 0.005 min
Response: 87232863
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

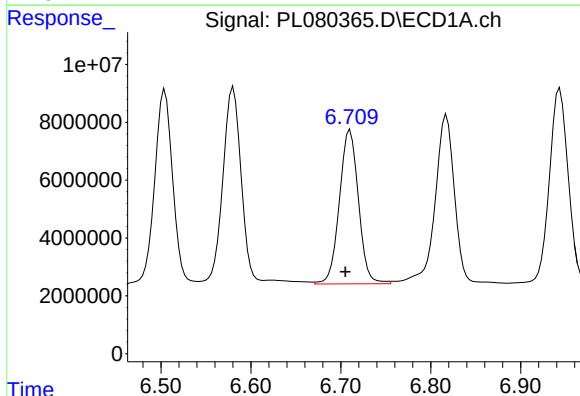
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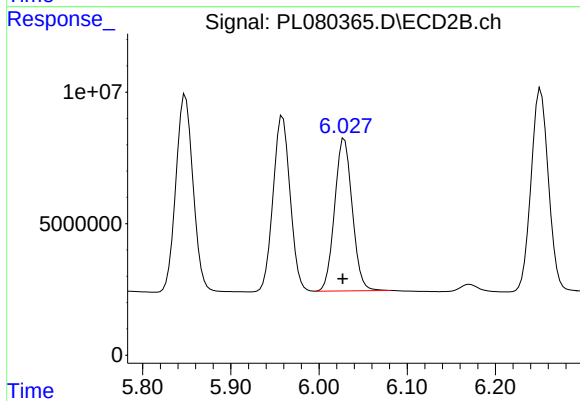
#17 4,4'-DDT

R.T.: 5.959 min
Delta R.T.: 0.002 min
Response: 89796374
Conc: 42.61 ng/ml



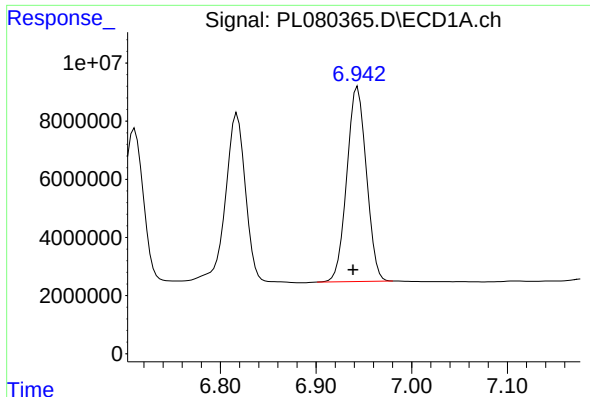
#18 Endrin aldehyde

R.T.: 6.710 min
Delta R.T.: 0.005 min
Response: 78310788
Conc: 54.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.029 min
Delta R.T.: 0.002 min
Response: 80413589
Conc: 44.17 ng/ml



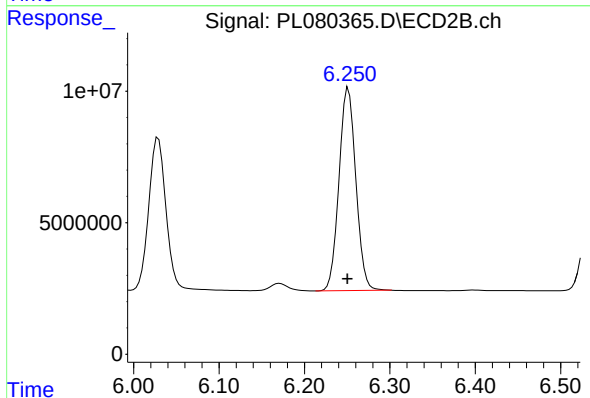
#19 Endosulfan Sulfate

R.T.: 6.944 min
Delta R.T.: 0.005 min
Response: 95607044
Conc: 54.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

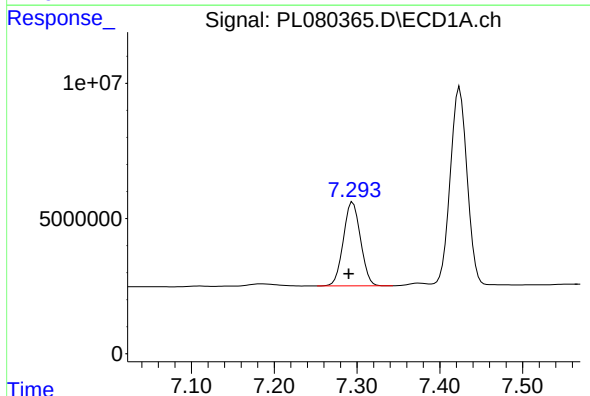
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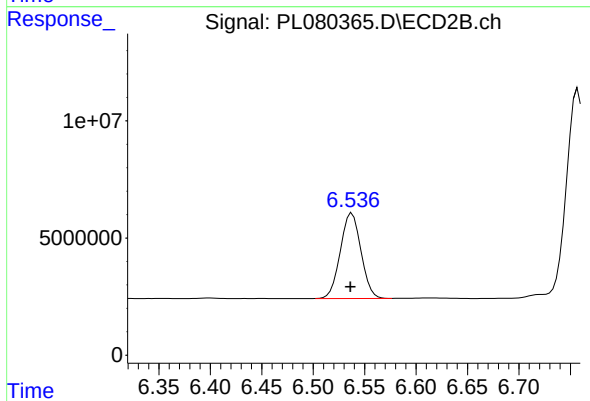
#19 Endosulfan Sulfate

R.T.: 6.252 min
Delta R.T.: 0.001 min
Response: 105768351
Conc: 45.56 ng/ml



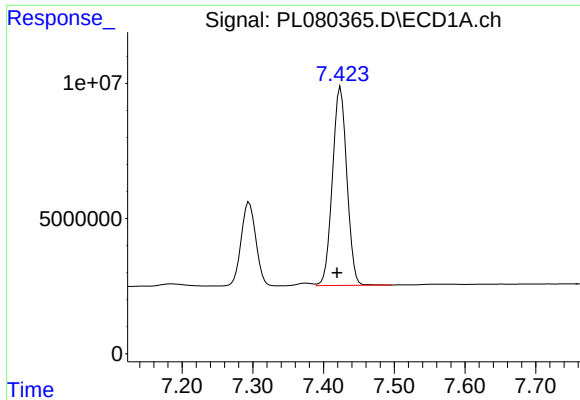
#20 Methoxychlor

R.T.: 7.295 min
Delta R.T.: 0.005 min
Response: 44662467
Conc: 50.13 ng/ml



#20 Methoxychlor

R.T.: 6.538 min
Delta R.T.: 0.002 min
Response: 50905722
Conc: 42.35 ng/ml



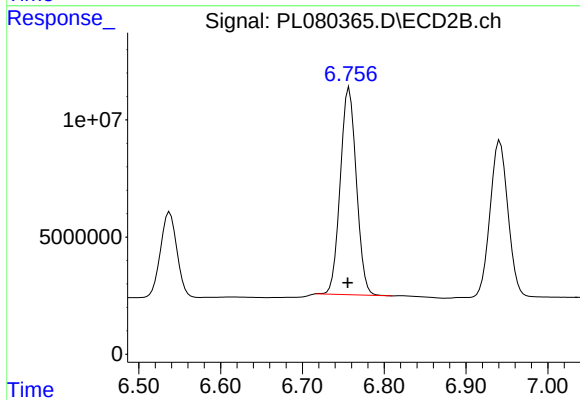
#21 Endrin ketone

R.T.: 7.424 min
Delta R.T.: 0.005 min
Response: 103921882
Conc: 55.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

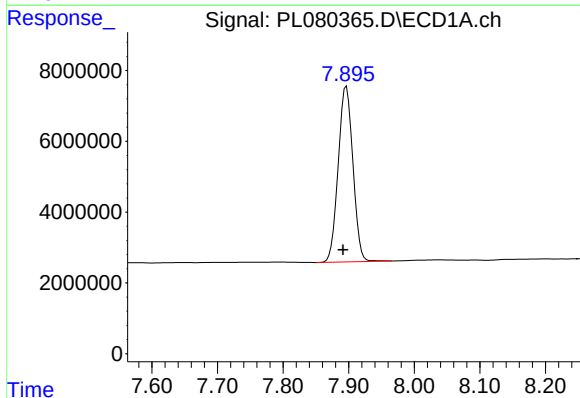
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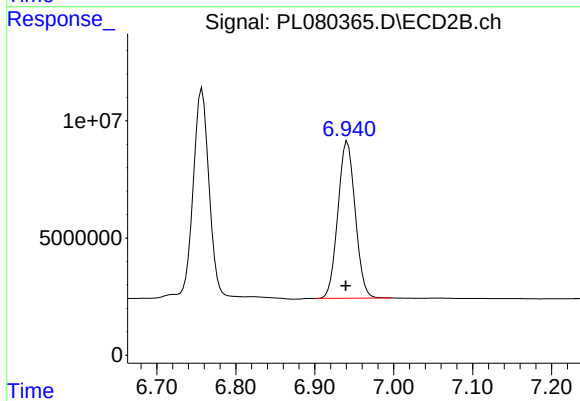
#21 Endrin ketone

R.T.: 6.757 min
Delta R.T.: 0.002 min
Response: 120104640
Conc: 47.70 ng/ml



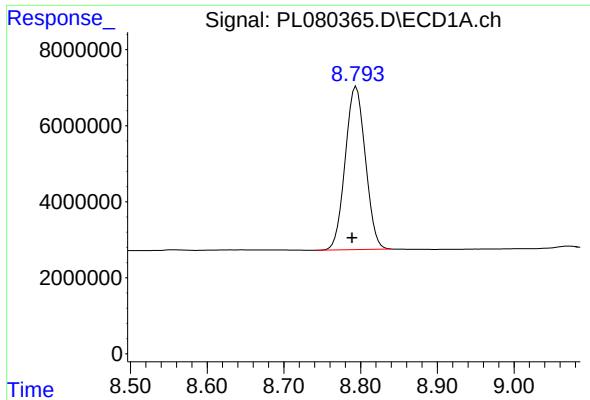
#22 Mirex

R.T.: 7.896 min
Delta R.T.: 0.005 min
Response: 77349346
Conc: 54.68 ng/ml



#22 Mirex

R.T.: 6.941 min
Delta R.T.: 0.002 min
Response: 101961505
Conc: 45.30 ng/ml



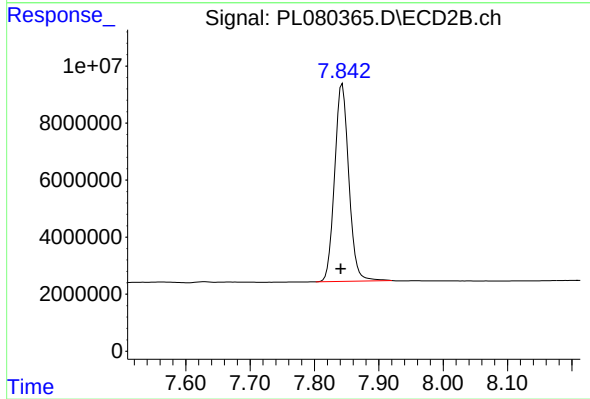
#28 Decachlorobiphenyl

R.T.: 8.794 min
Delta R.T.: 0.006 min
Response: 78700123
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2023
Supervised By :Ankita Jodhani 01/18/2023



#28 Decachlorobiphenyl

R.T.: 7.843 min
Delta R.T.: 0.003 min
Response: 106335274
Conc: 47.31 ng/ml