

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030823\
 Data File : PL081312.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2023 09:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/09/2023
 Supervised By :Ankita Jodhani 03/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 20:25:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.340	2.662	111.4E6	100.4E6	51.547	49.628
2)	SA Decachlor...	8.765	7.790	80586863	93812324	52.860	48.974
Target Compounds							
2)	A alpha-BHC	3.790	3.163	168.4E6	143.5E6	52.923	48.980
3)	MA gamma-BHC...	4.118	3.492	155.3E6	135.7E6	52.489	49.328
4)	MA Heptachlor	4.698	3.826	146.1E6	137.0E6	52.962	49.633
5)	MB Aldrin	5.035	4.104	136.6E6	128.1E6	53.703	48.873
6)	B beta-BHC	4.320	3.791	67891082	58907235	49.322	50.755
7)	B delta-BHC	4.562	4.019	151.8E6	129.0E6	54.638	50.645
8)	B Heptachlo...	5.461	4.607	121.4E6	120.1E6	51.449	49.656
9)	A Endosulfan I	5.842	4.975	112.3E6	111.2E6	53.160	49.125
10)	B gamma-Chl...	5.716	4.856	124.3E6	120.7E6	54.477	49.310
11)	B alpha-Chl...	5.794	4.919	121.9E6	120.6E6	54.092	49.243
12)	B 4,4'-DDE	5.972	5.111	106.9E6	104.8E6	54.627	53.402
13)	MA Dieldrin	6.116	5.240	112.3E6	112.1E6	53.645	49.724
14)	MA Endrin	6.344	5.514	91539910	93319321	50.366	46.436
15)	B Endosulfa...	6.565	5.811	91451290	92526947	52.453	50.185
16)	A 4,4'-DDD	6.487	5.666	91486679	90163302	59.431	58.773
17)	MA 4,4'-DDT	6.798	5.915	75863559	74786814	47.794	46.616
18)	B Endrin al...	6.694	5.992	72970210	74045064	50.980m	48.873
19)	B Endosulfa...	6.930	6.215	94379749	95503118	52.565	49.688
20)	A Methoxychlor	7.279	6.495	41099772	42799846	47.715	46.116
21)	B Endrin ke...	7.409	6.721	99444900	106.4E6	54.821	49.399
22)	Mirex	7.874	6.893	75858757	91590265	51.990	47.588

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030823\
Data File : PL081312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Mar 2023 09:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

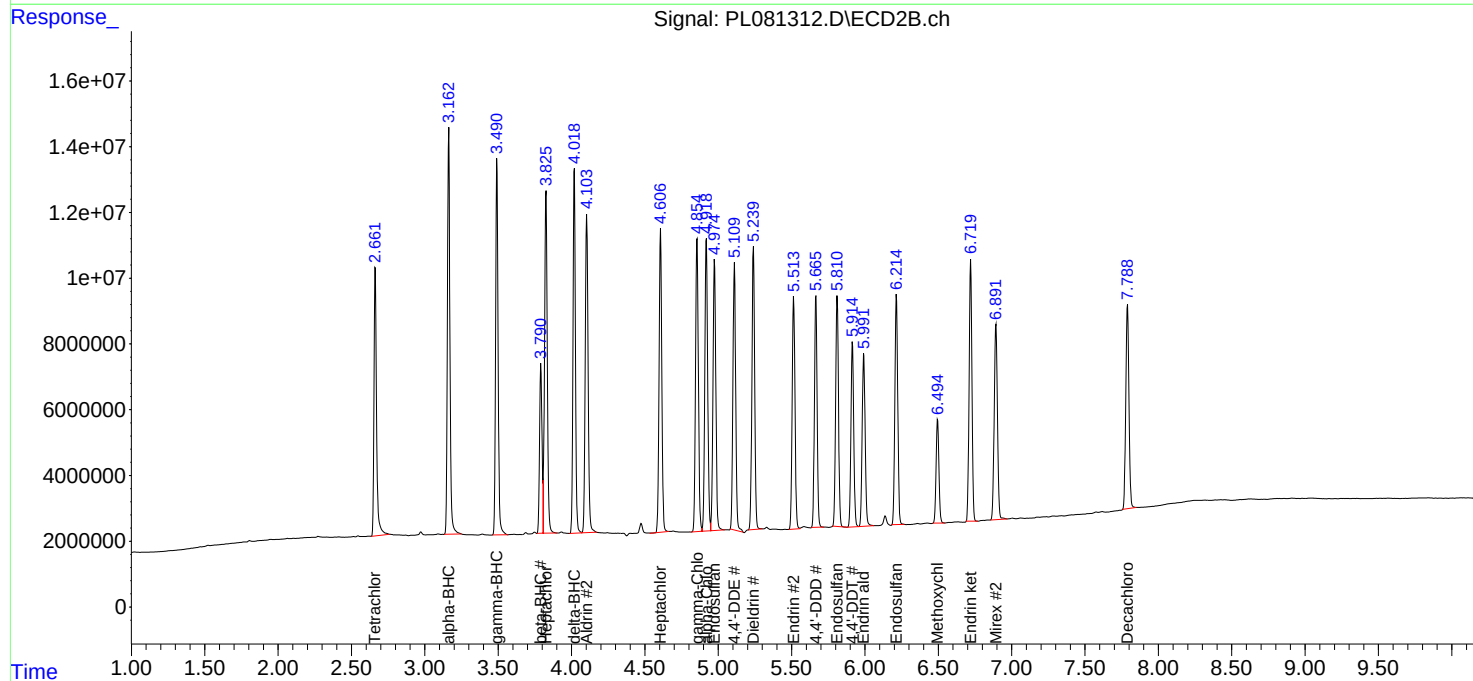
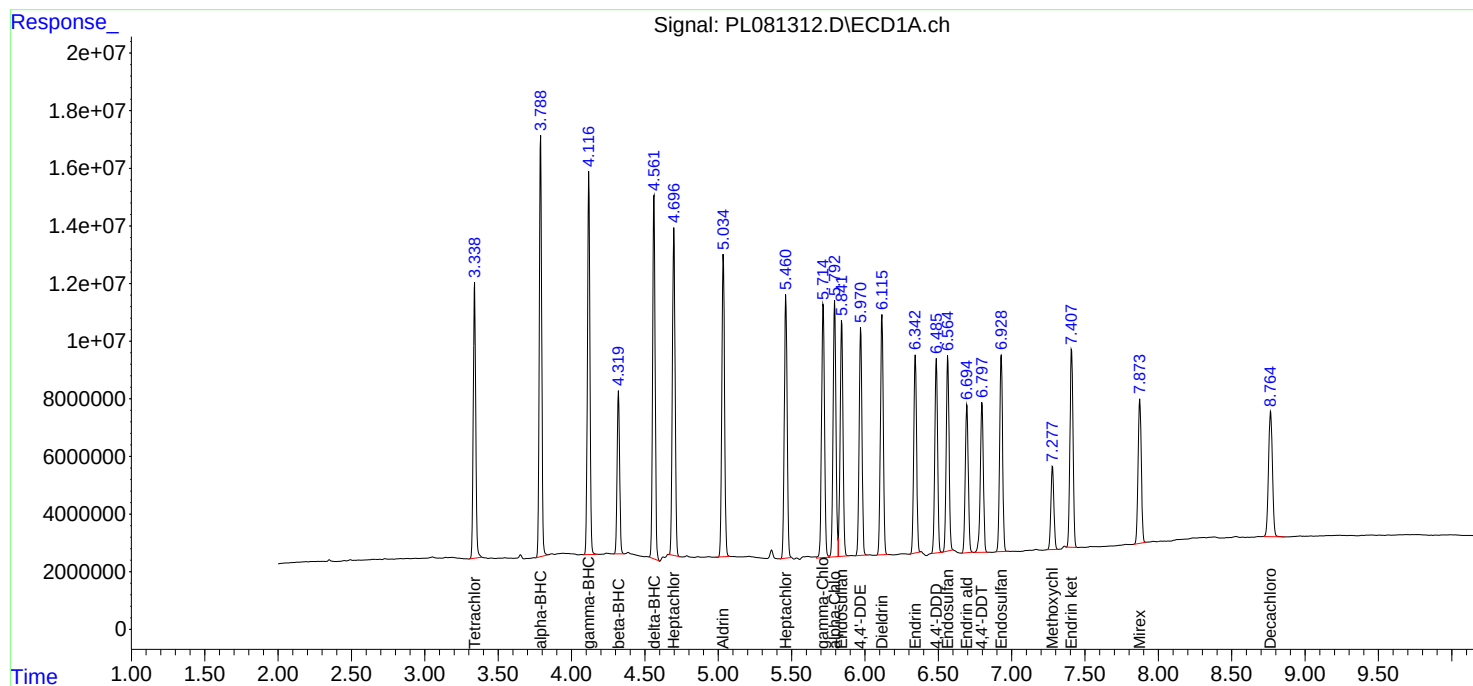
APPROVED

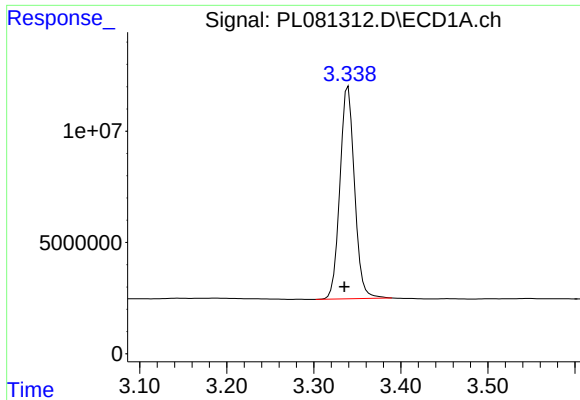
Reviewed By :Abdul Mirza 03/09/2023

Supervised By :Ankita Jodhani 03/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 20:25:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





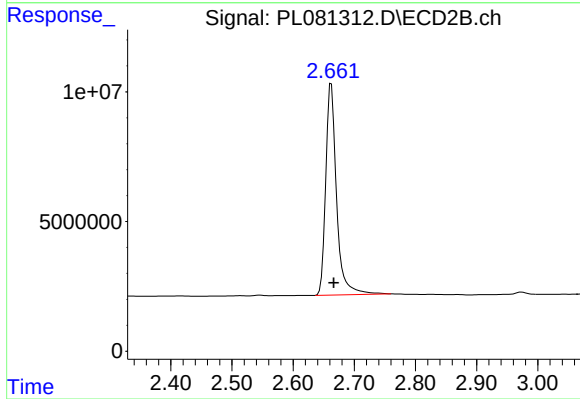
#1 Tetrachloro-m-xylene

R.T.: 3.340 min
Delta R.T.: 0.005 min
Response: 111371417
Conc: 51.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

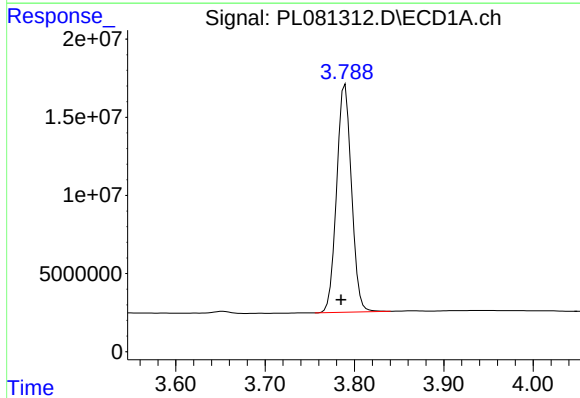
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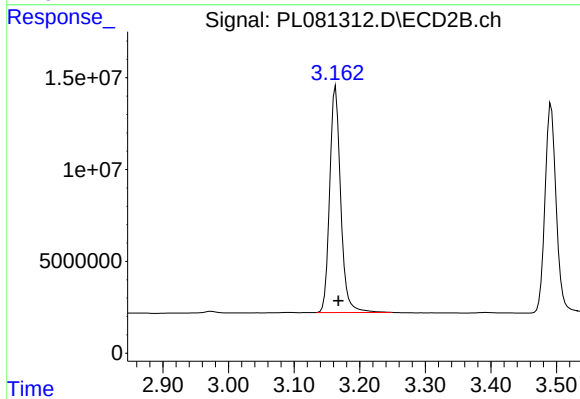
#1 Tetrachloro-m-xylene

R.T.: 2.662 min
Delta R.T.: -0.004 min
Response: 100437740
Conc: 49.63 ng/ml



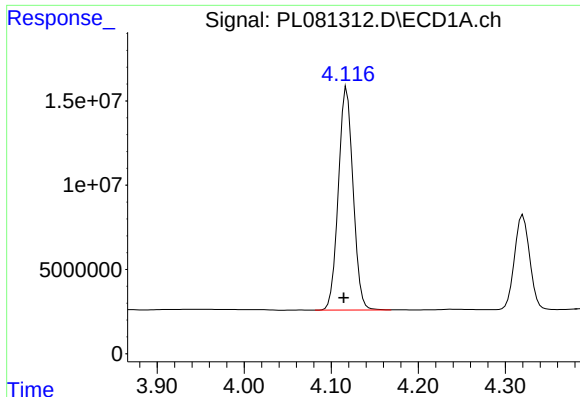
#2 alpha-BHC

R.T.: 3.790 min
Delta R.T.: 0.004 min
Response: 168361010
Conc: 52.92 ng/ml



#2 alpha-BHC

R.T.: 3.163 min
Delta R.T.: -0.004 min
Response: 143543637
Conc: 48.98 ng/ml



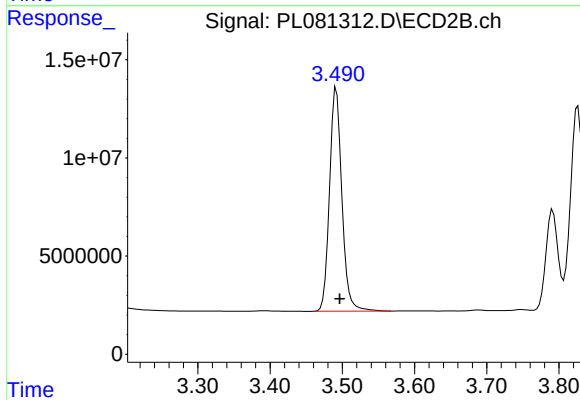
#3 gamma-BHC (Lindane)

R.T.: 4.118 min
Delta R.T.: 0.003 min
Response: 155293425
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

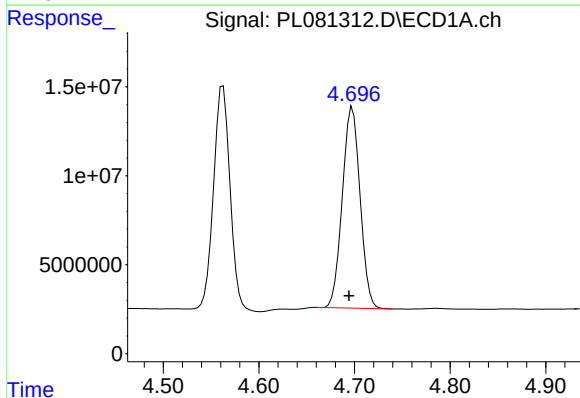
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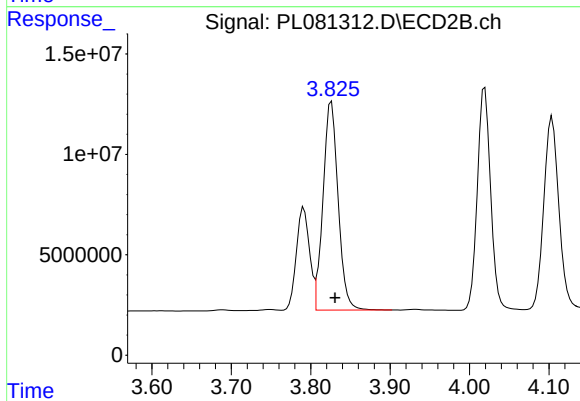
#3 gamma-BHC (Lindane)

R.T.: 3.492 min
Delta R.T.: -0.005 min
Response: 135704750
Conc: 49.33 ng/ml



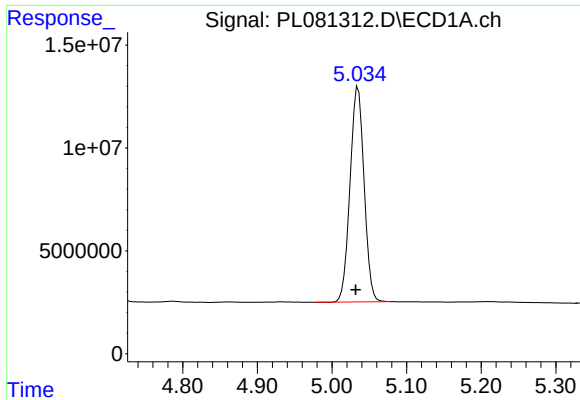
#4 Heptachlor

R.T.: 4.698 min
Delta R.T.: 0.004 min
Response: 146142133
Conc: 52.96 ng/ml



#4 Heptachlor

R.T.: 3.826 min
Delta R.T.: -0.005 min
Response: 136964732
Conc: 49.63 ng/ml



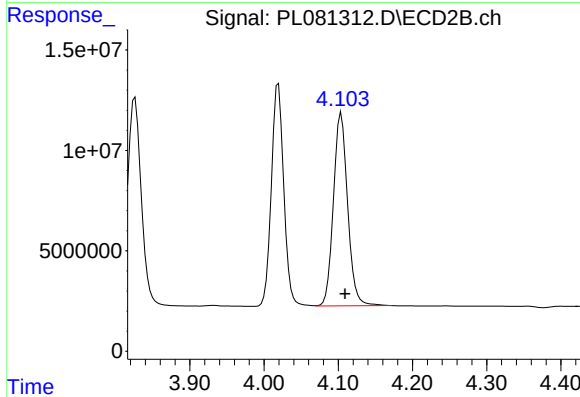
#5 Aldrin

R.T.: 5.035 min
Delta R.T.: 0.003 min
Response: 136627177
Conc: 53.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

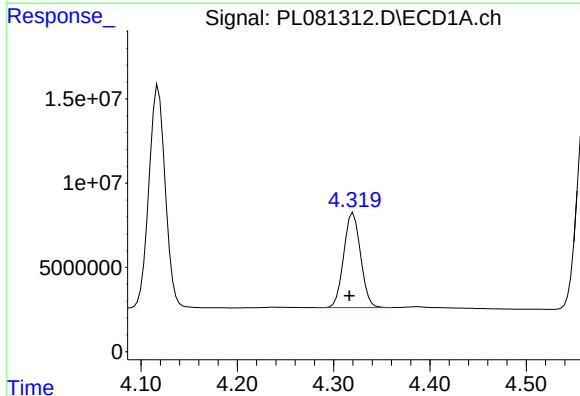
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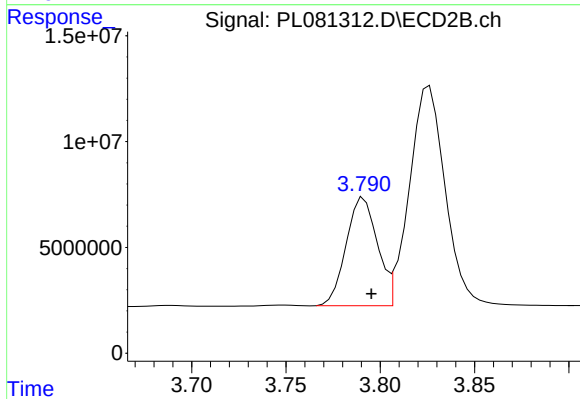
#5 Aldrin

R.T.: 4.104 min
Delta R.T.: -0.005 min
Response: 128130974
Conc: 48.87 ng/ml



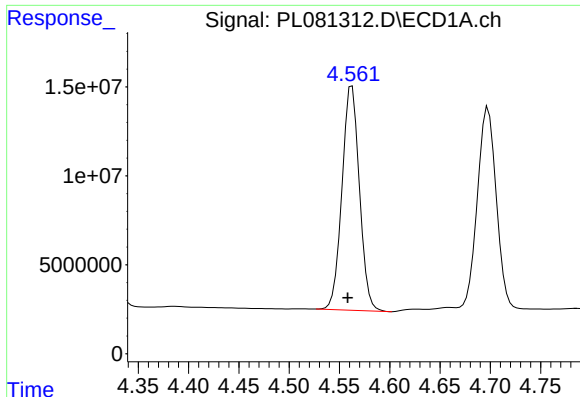
#6 beta-BHC

R.T.: 4.320 min
Delta R.T.: 0.004 min
Response: 67891082
Conc: 49.32 ng/ml



#6 beta-BHC

R.T.: 3.791 min
Delta R.T.: -0.004 min
Response: 58907235
Conc: 50.75 ng/ml



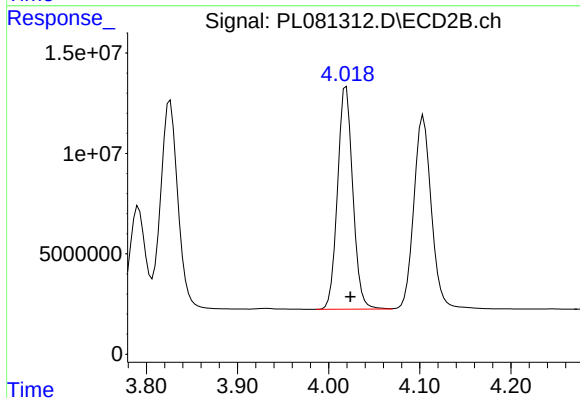
#7 delta-BHC

R.T.: 4.562 min
Delta R.T.: 0.004 min
Response: 151848027
Conc: 54.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

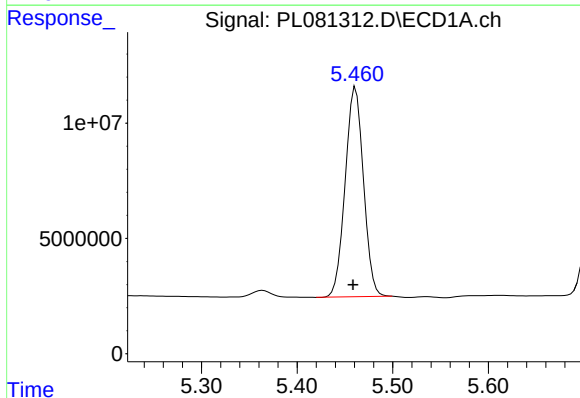
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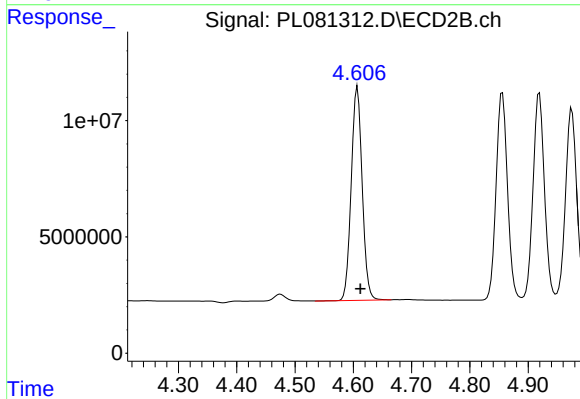
#7 delta-BHC

R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 128974768
Conc: 50.64 ng/ml



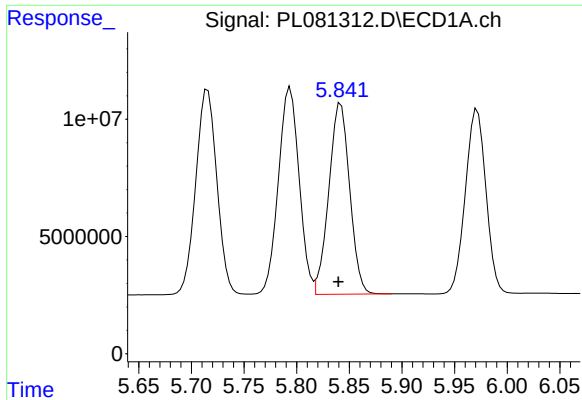
#8 Heptachlor epoxide

R.T.: 5.461 min
Delta R.T.: 0.003 min
Response: 121420988
Conc: 51.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.607 min
Delta R.T.: -0.005 min
Response: 120074456
Conc: 49.66 ng/ml



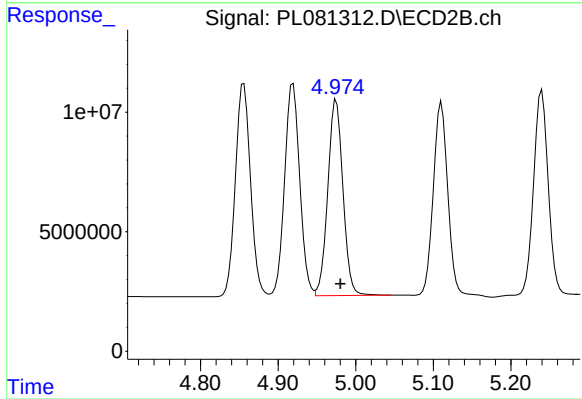
#9 Endosulfan I

R.T.: 5.842 min
Delta R.T.: 0.002 min
Response: 112312502
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

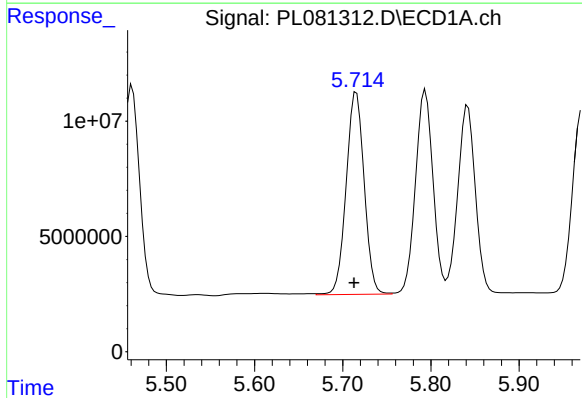
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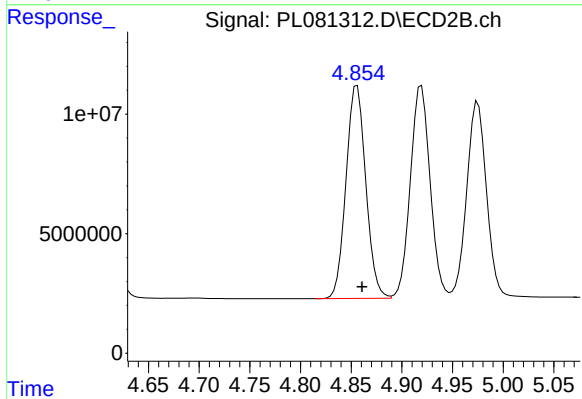
#9 Endosulfan I

R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 111203216
Conc: 49.13 ng/ml



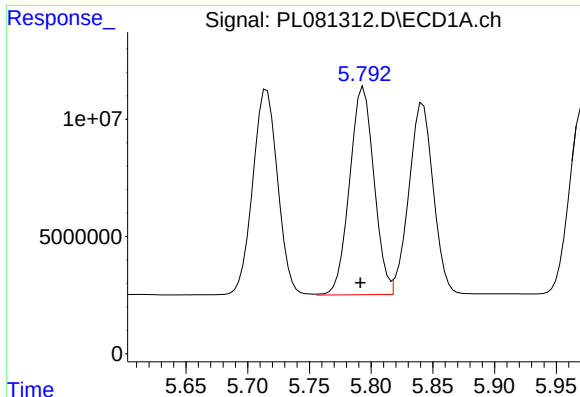
#10 gamma-Chlordane

R.T.: 5.716 min
Delta R.T.: 0.003 min
Response: 124312308
Conc: 54.48 ng/ml



#10 gamma-Chlordane

R.T.: 4.856 min
Delta R.T.: -0.005 min
Response: 120699812
Conc: 49.31 ng/ml



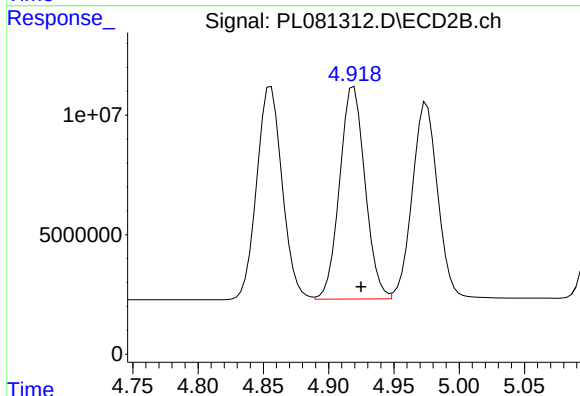
#11 alpha-Chlordane

R.T.: 5.794 min
Delta R.T.: 0.002 min
Response: 121866392
Conc: 54.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

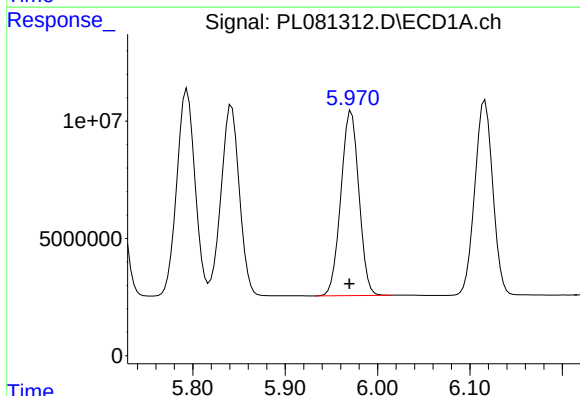
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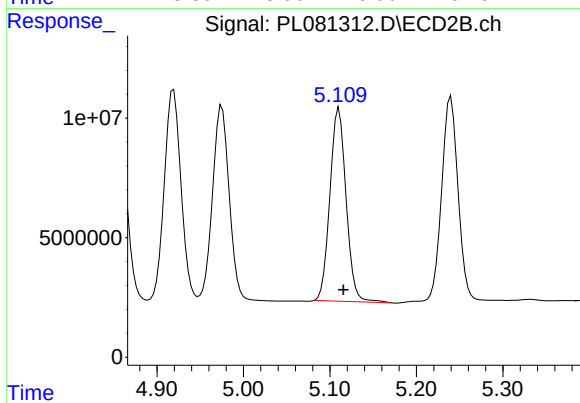
#11 alpha-Chlordane

R.T.: 4.919 min
Delta R.T.: -0.005 min
Response: 120572690
Conc: 49.24 ng/ml



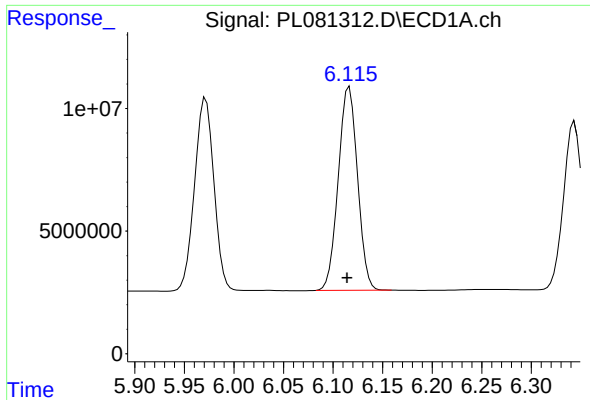
#12 4,4'-DDE

R.T.: 5.972 min
Delta R.T.: 0.002 min
Response: 106882985
Conc: 54.63 ng/ml



#12 4,4'-DDE

R.T.: 5.111 min
Delta R.T.: -0.005 min
Response: 104820523
Conc: 53.40 ng/ml



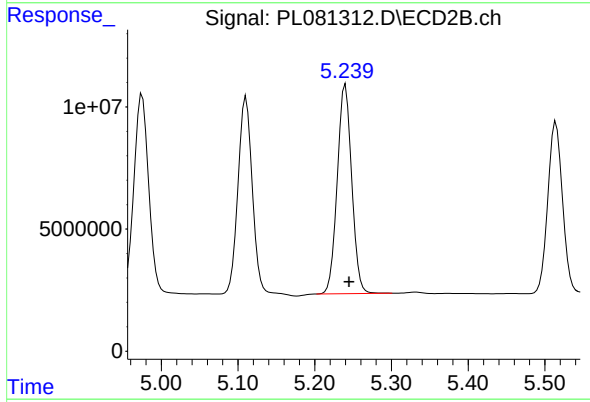
#13 Dieldrin

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 112279349
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

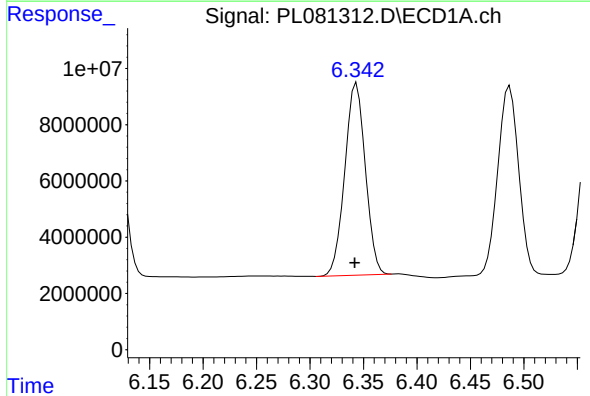
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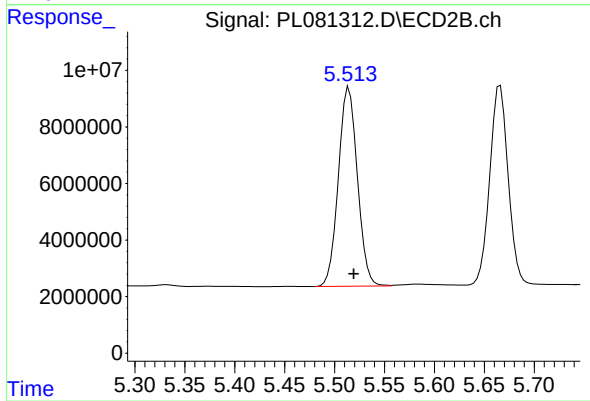
#13 Dieldrin

R.T.: 5.240 min
Delta R.T.: -0.005 min
Response: 112096197
Conc: 49.72 ng/ml



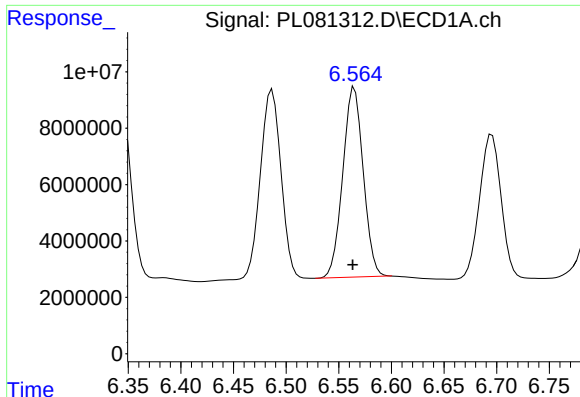
#14 Endrin

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 91539910
Conc: 50.37 ng/ml



#14 Endrin

R.T.: 5.514 min
Delta R.T.: -0.005 min
Response: 93319321
Conc: 46.44 ng/ml



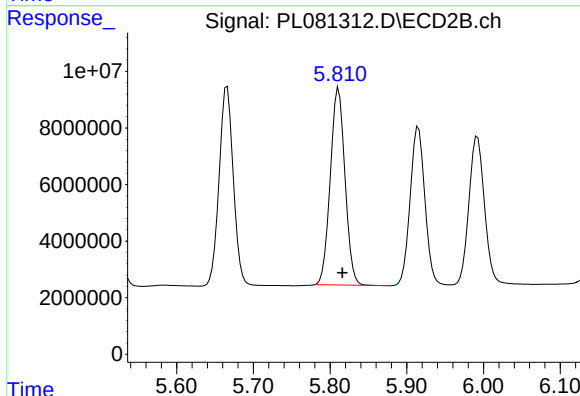
#15 Endosulfan II

R.T.: 6.565 min
Delta R.T.: 0.002 min
Response: 91451290
Conc: 52.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

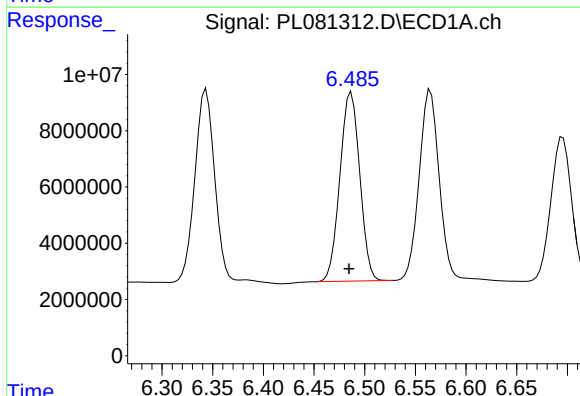
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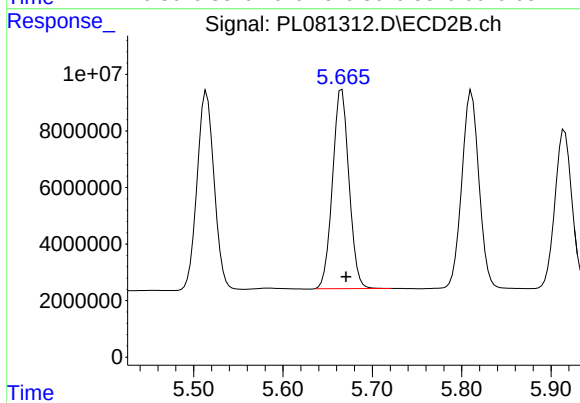
#15 Endosulfan II

R.T.: 5.811 min
Delta R.T.: -0.005 min
Response: 92526947
Conc: 50.19 ng/ml



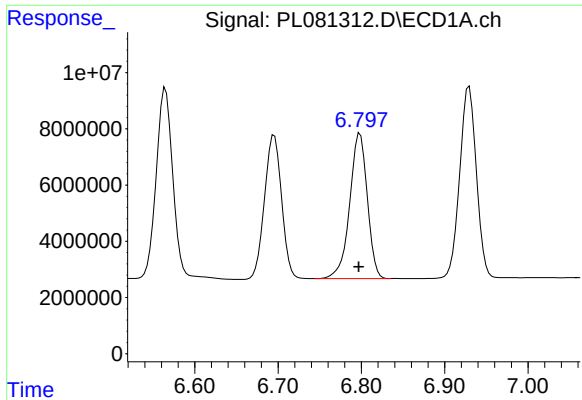
#16 4,4'-DDD

R.T.: 6.487 min
Delta R.T.: 0.002 min
Response: 91486679
Conc: 59.43 ng/ml



#16 4,4'-DDD

R.T.: 5.666 min
Delta R.T.: -0.005 min
Response: 90163302
Conc: 58.77 ng/ml



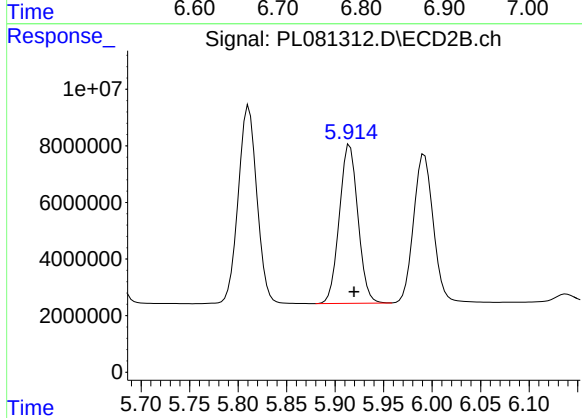
#17 4,4'-DDT

R.T.: 6.798 min
Delta R.T.: 0.002 min
Response: 75863559
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

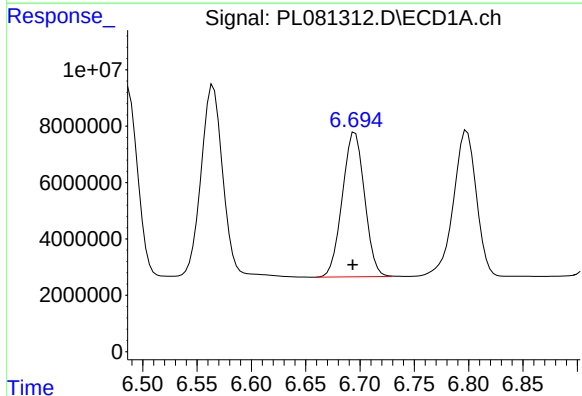
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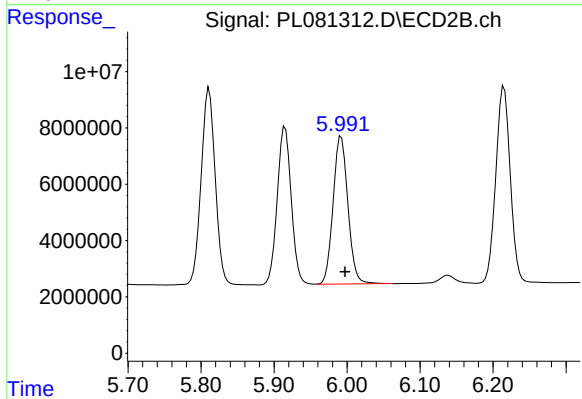
#17 4,4'-DDT

R.T.: 5.915 min
Delta R.T.: -0.005 min
Response: 74786814
Conc: 46.62 ng/ml



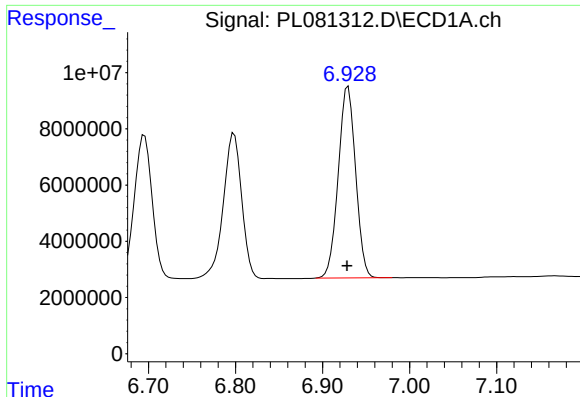
#18 Endrin aldehyde

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 72970210
Conc: 50.98 ng/ml m



#18 Endrin aldehyde

R.T.: 5.992 min
Delta R.T.: -0.005 min
Response: 74045064
Conc: 48.87 ng/ml



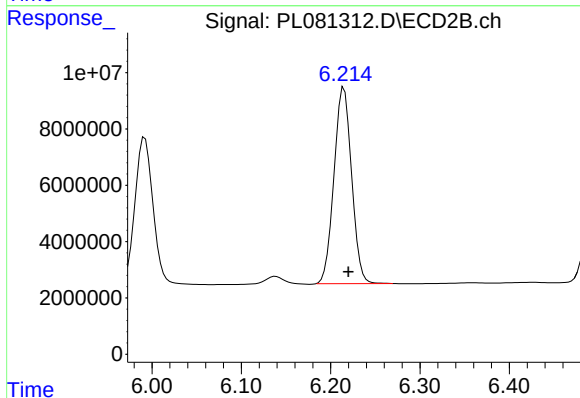
#19 Endosulfan Sulfate

R.T.: 6.930 min
Delta R.T.: 0.001 min
Response: 94379749
Conc: 52.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

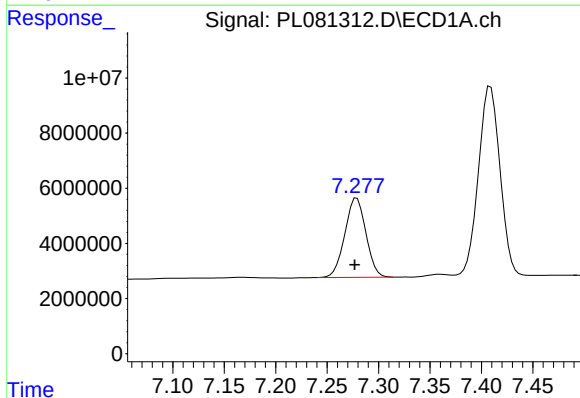
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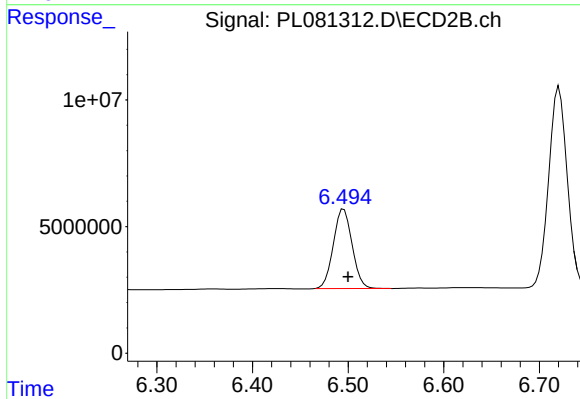
#19 Endosulfan Sulfate

R.T.: 6.215 min
Delta R.T.: -0.005 min
Response: 95503118
Conc: 49.69 ng/ml



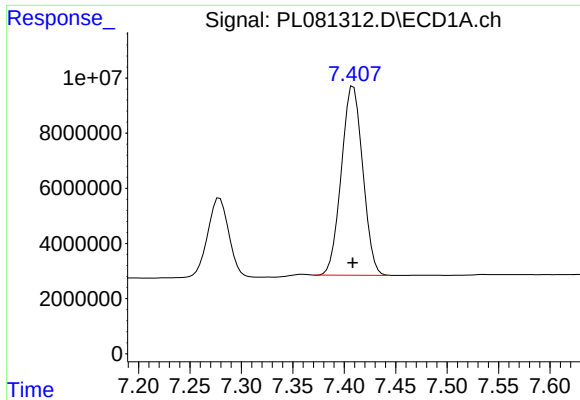
#20 Methoxychlor

R.T.: 7.279 min
Delta R.T.: 0.002 min
Response: 41099772
Conc: 47.71 ng/ml



#20 Methoxychlor

R.T.: 6.495 min
Delta R.T.: -0.005 min
Response: 42799846
Conc: 46.12 ng/ml



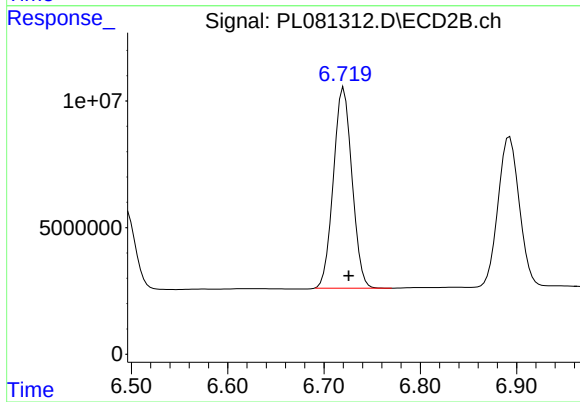
#21 Endrin ketone

R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 99444900
Conc: 54.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

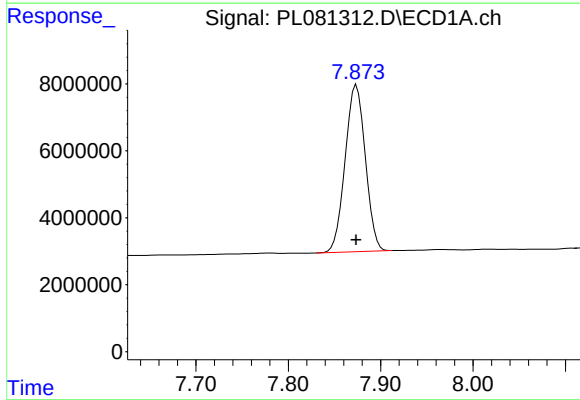
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Reviewed By :Abdul Mirza 03/09/2023
Supervised By :Ankita Jodhani 03/09/2023



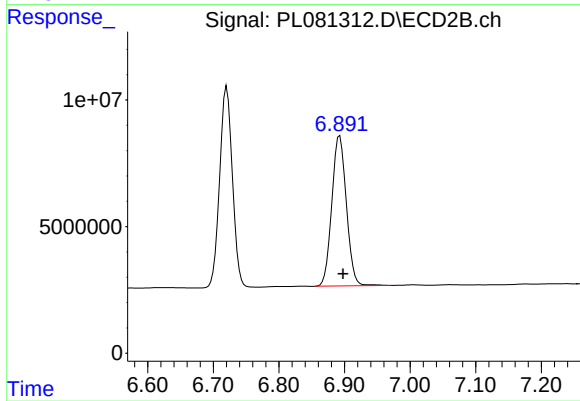
#21 Endrin ketone

R.T.: 6.721 min
Delta R.T.: -0.005 min
Response: 106361104
Conc: 49.40 ng/ml



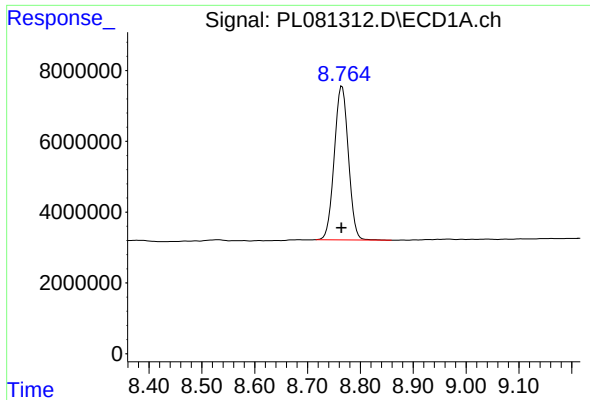
#22 Mirex

R.T.: 7.874 min
Delta R.T.: 0.000 min
Response: 75858757
Conc: 51.99 ng/ml



#22 Mirex

R.T.: 6.893 min
Delta R.T.: -0.005 min
Response: 91590265
Conc: 47.59 ng/ml



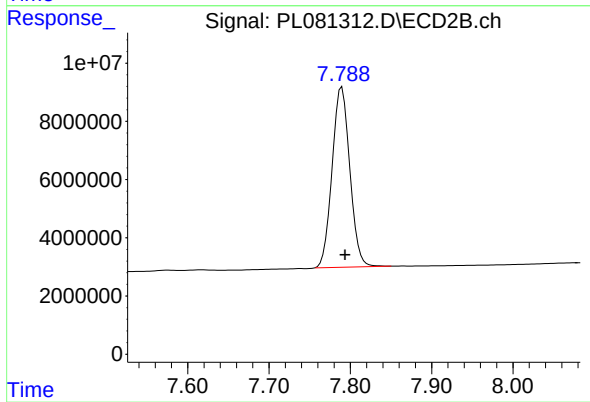
#28 Decachlorobiphenyl

R.T.: 8.765 min
Delta R.T.: 0.000 min
Response: 80586863
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/09/2023
Supervised By :Ankita Jodhani 03/09/2023



#28 Decachlorobiphenyl

R.T.: 7.790 min
Delta R.T.: -0.004 min
Response: 93812324
Conc: 48.97 ng/ml