

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
 Data File : PL081500.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2023 14:27
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/17/2023
 Supervised By : Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 21:51:25 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...	3.332	2.662	107.4E6	97730617	49.703	48.290
28)	SA Decachlor...	8.756	7.783	75259169	94484525	49.365	49.325
Target Compounds							
2)	A alpha-BHC	3.782	3.161	159.9E6	140.2E6	50.256	47.855
3)	MA gamma-BHC...	4.110	3.489	149.2E6	132.3E6	50.425	48.085
4)	MA Heptachlor	4.690	3.823	139.1E6	133.7E6	50.416	48.459
5)	MB Aldrin	5.027	4.101	129.1E6	126.6E6	50.732	48.275
6)	B beta-BHC	4.312	3.788	65878336	56220295	47.860	48.440
7)	B delta-BHC	4.554	4.016	143.5E6	125.6E6	51.617	49.302
8)	B Heptachlo...	5.452	4.603	120.1E6	117.0E6	50.885	48.383
9)	A Endosulfan I	5.834	4.971	107.3E6	107.3E6	50.777	47.420
10)	B gamma-Chl...	5.707	4.852	121.0E6	117.8E6	53.008	48.146
11)	B alpha-Chl...	5.786	4.915	115.9E6	117.4E6	51.455	47.942
12)	B 4,4'-DDE	5.964	5.106	99095562	95227033	50.647	48.514
13)	MA Dieldrin	6.108	5.235	104.9E6	109.8E6	50.127	48.714
14)	MA Endrin	6.335	5.510	87538979	92137476	48.165	45.848
15)	B Endosulfa...	6.558	5.806	87756317	88922579	50.334	48.230
16)	A 4,4'-DDD	6.479	5.660	81163700	78755328	52.725	51.336
17)	MA 4,4'-DDT	6.791	5.910	80883035	80059536	50.956	49.903
18)	B Endrin al...	6.686	5.987	72797500	74546061	50.859m	49.204
19)	B Endosulfa...	6.922	6.208	90457910	93902570	50.380	48.855m
20)	A Methoxychlor	7.271	6.488	42717750	45364200	49.593	48.879m
21)	B Endrin ke...	7.401	6.713	96034784	108.0E6	52.941	50.179m
22)	Mirex	7.866	6.887	74119860	92349739	50.798	47.983

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
Data File : PL081500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2023 14:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

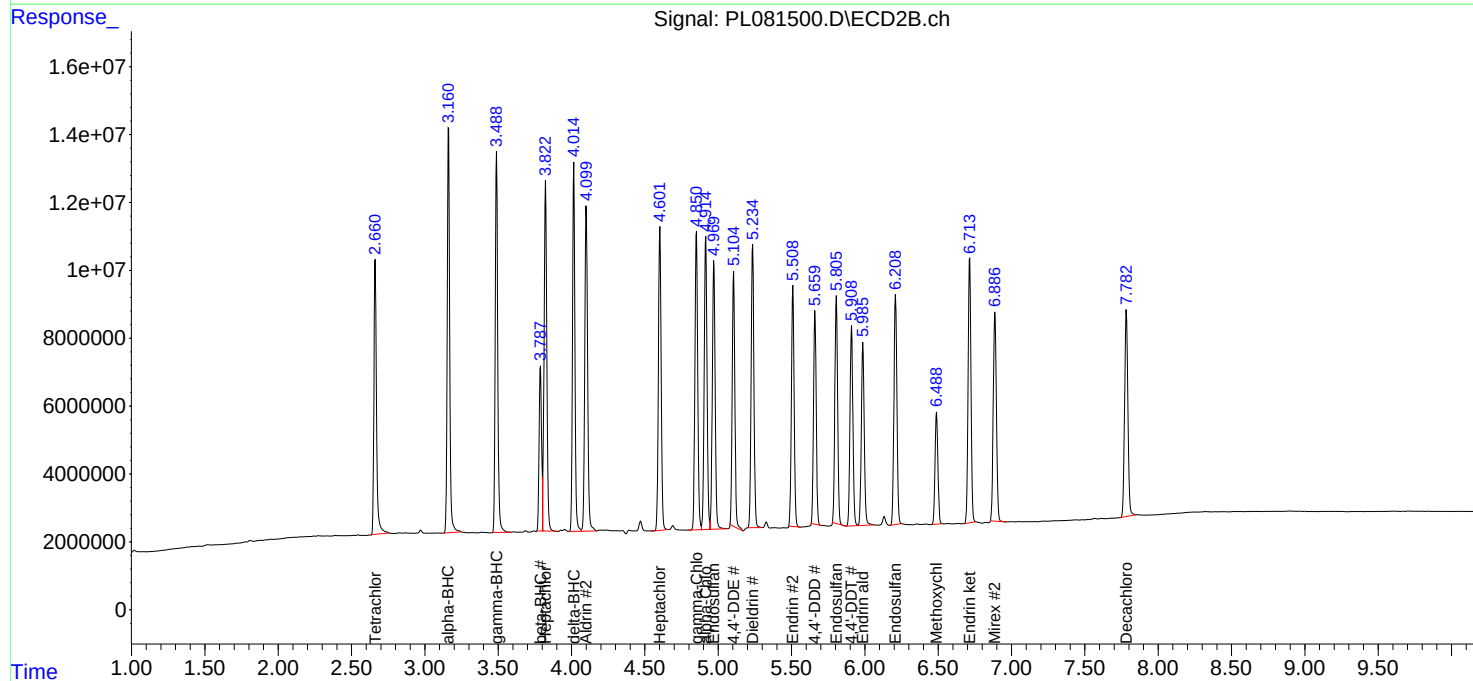
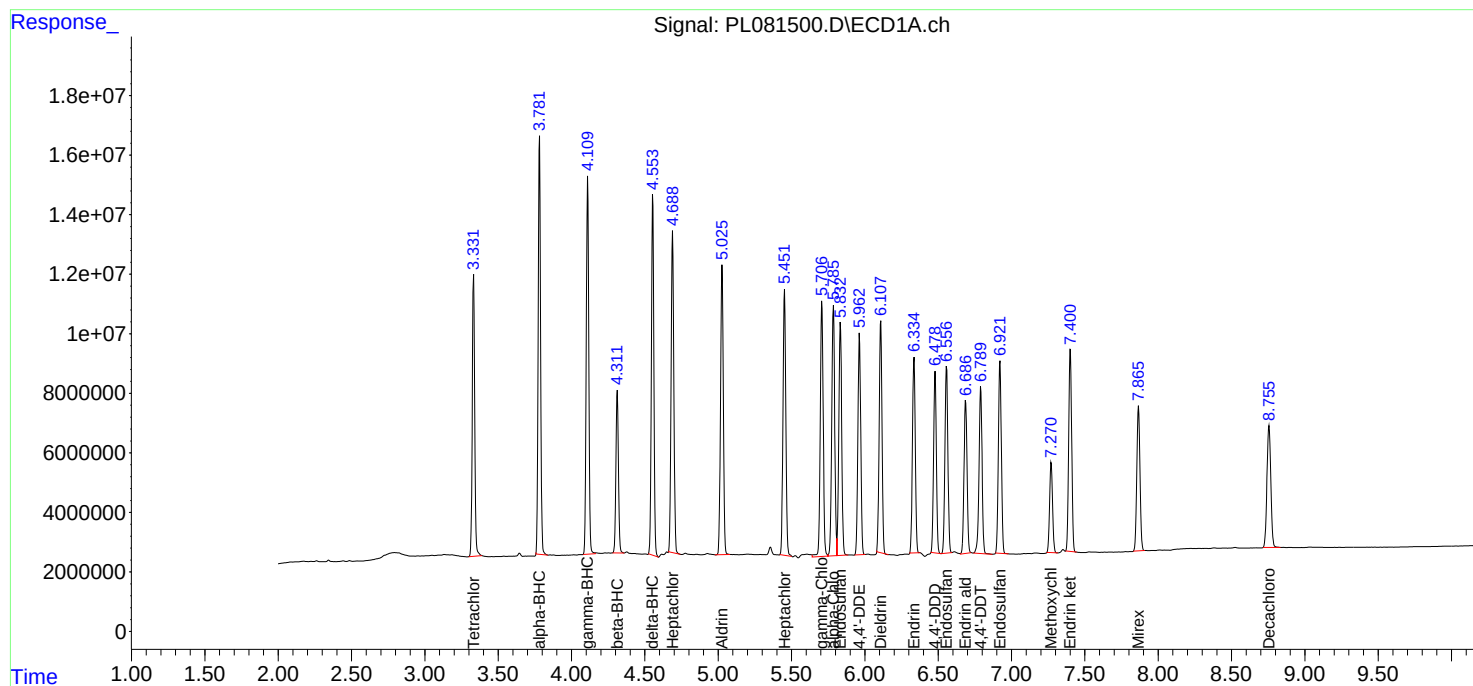
APPROVED

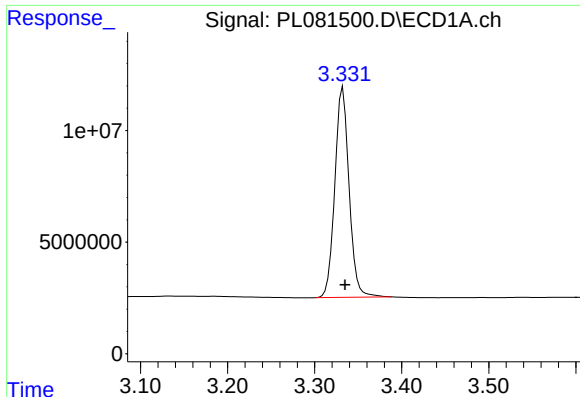
Reviewed By :Abdul Mirza 03/17/2023

Supervised By :Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 16 21:51:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 2023
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





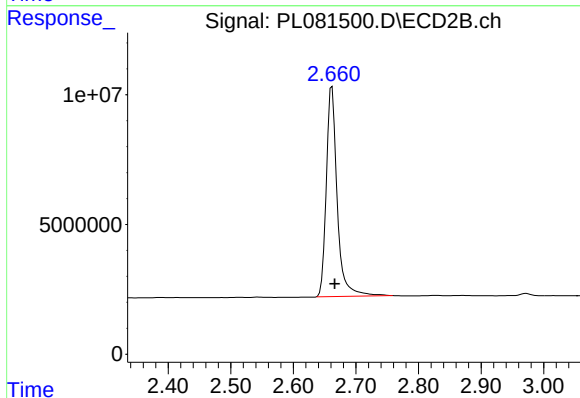
#1 Tetrachloro-m-xylene

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 107387037
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

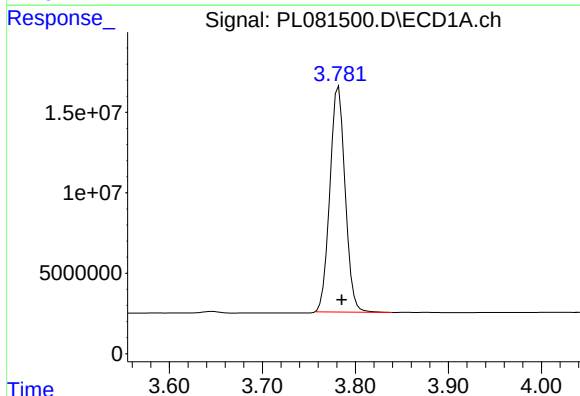
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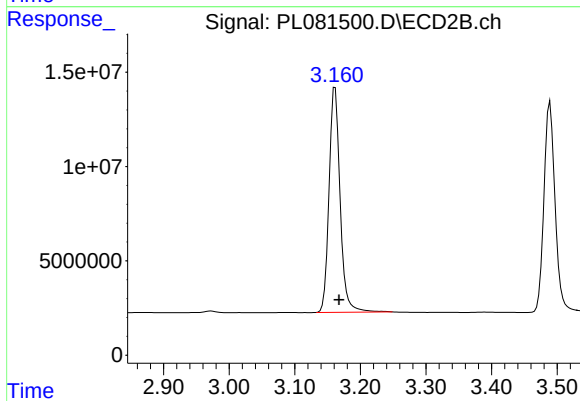
#1 Tetrachloro-m-xylene

R.T.: 2.662 min
Delta R.T.: -0.005 min
Response: 97730617
Conc: 48.29 ng/ml



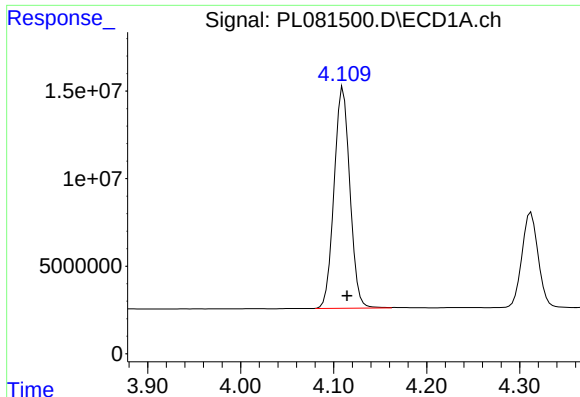
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 159877992
Conc: 50.26 ng/ml



#2 alpha-BHC

R.T.: 3.161 min
Delta R.T.: -0.006 min
Response: 140245628
Conc: 47.86 ng/ml



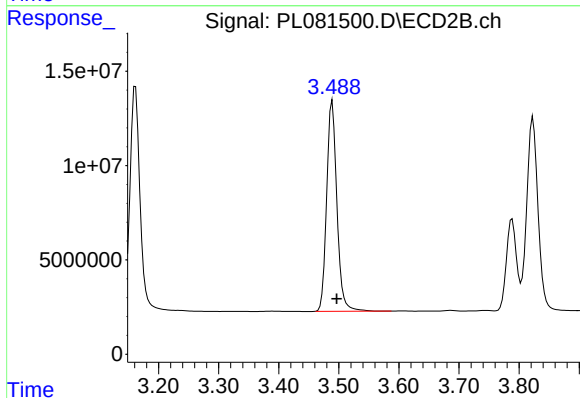
#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: -0.004 min
Response: 149187772
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

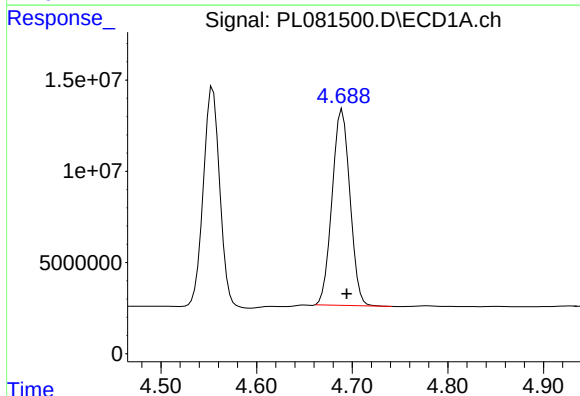
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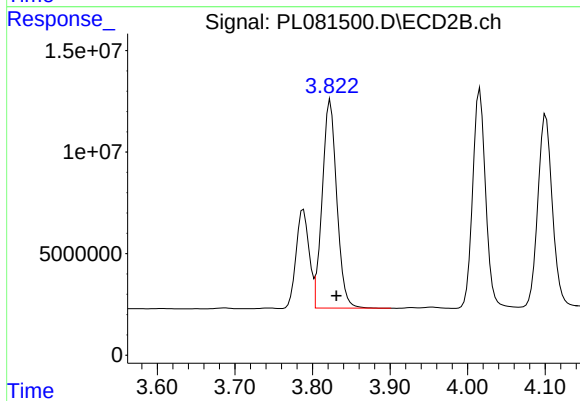
#3 gamma-BHC (Lindane)

R.T.: 3.489 min
Delta R.T.: -0.007 min
Response: 132285596
Conc: 48.09 ng/ml



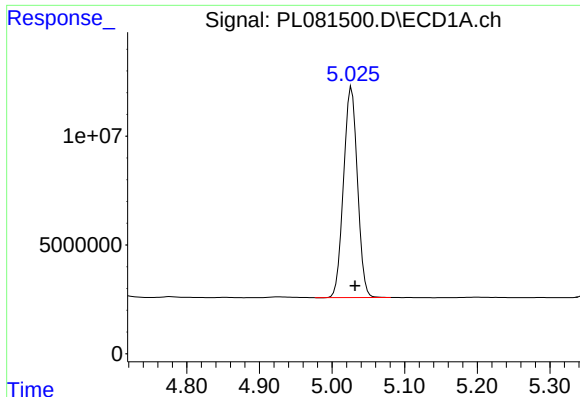
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: -0.005 min
Response: 139116276
Conc: 50.42 ng/ml



#4 Heptachlor

R.T.: 3.823 min
Delta R.T.: -0.008 min
Response: 133722886
Conc: 48.46 ng/ml



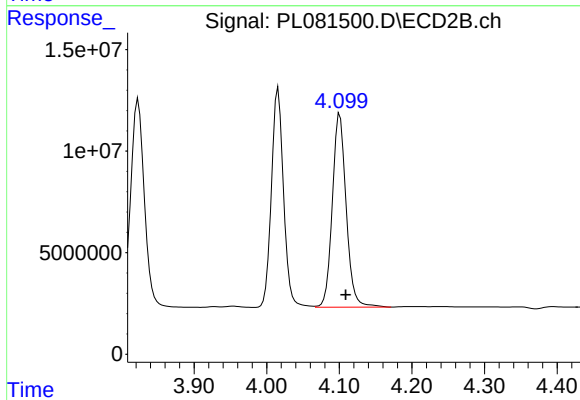
#5 Aldrin

R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 129068492
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

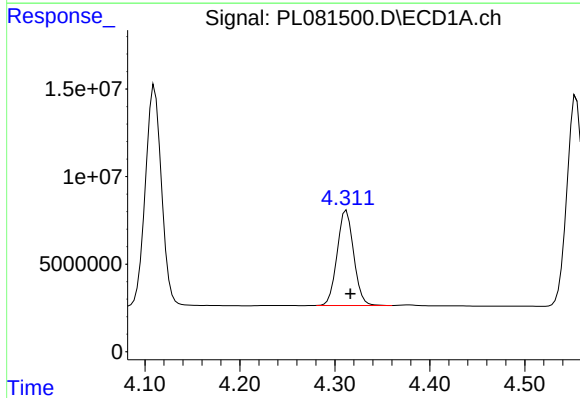
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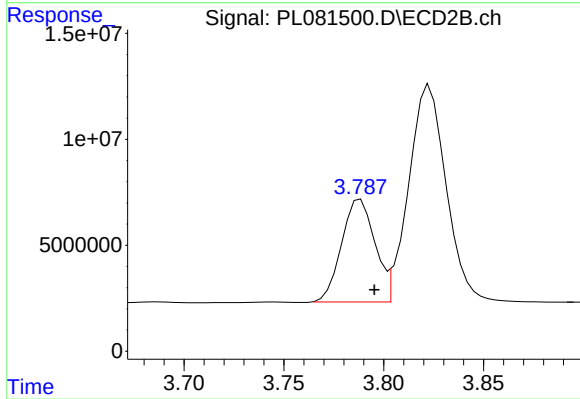
#5 Aldrin

R.T.: 4.101 min
Delta R.T.: -0.008 min
Response: 126564067
Conc: 48.27 ng/ml



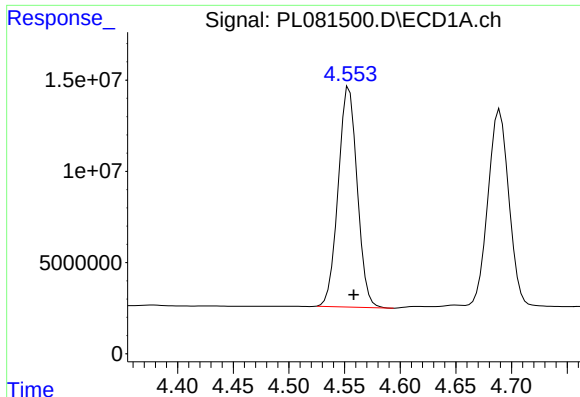
#6 beta-BHC

R.T.: 4.312 min
Delta R.T.: -0.004 min
Response: 65878336
Conc: 47.86 ng/ml



#6 beta-BHC

R.T.: 3.788 min
Delta R.T.: -0.007 min
Response: 56220295
Conc: 48.44 ng/ml



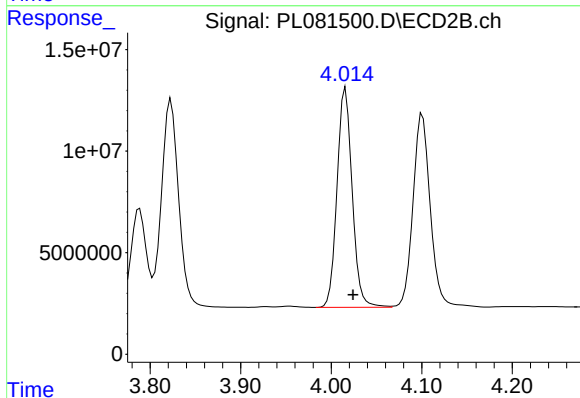
#7 delta-BHC

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 143454340
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

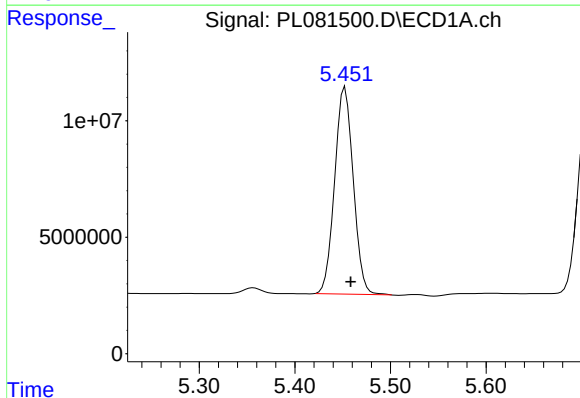
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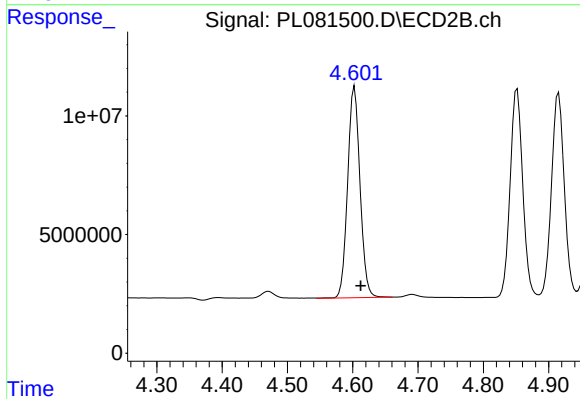
#7 delta-BHC

R.T.: 4.016 min
Delta R.T.: -0.008 min
Response: 125554065
Conc: 49.30 ng/ml



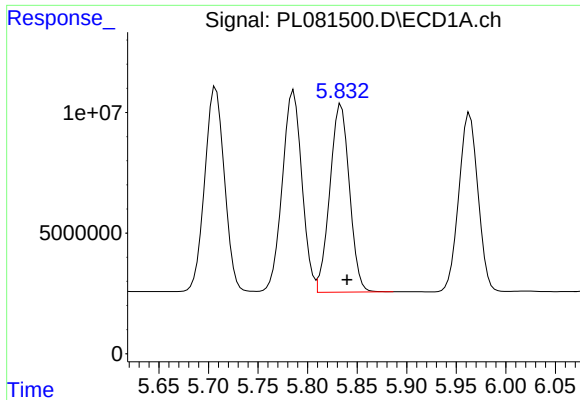
#8 Heptachlor epoxide

R.T.: 5.452 min
Delta R.T.: -0.006 min
Response: 120089157
Conc: 50.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.603 min
Delta R.T.: -0.009 min
Response: 116995125
Conc: 48.38 ng/ml



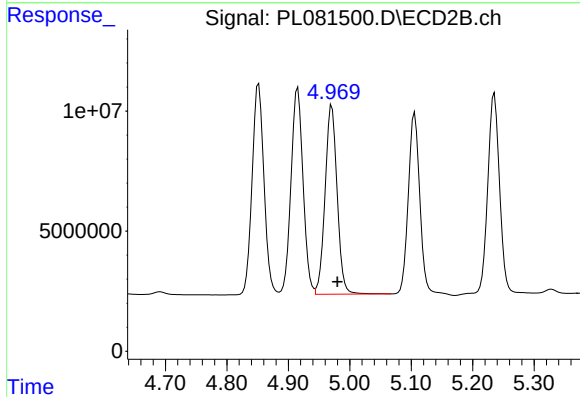
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.006 min
Response: 107277040
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

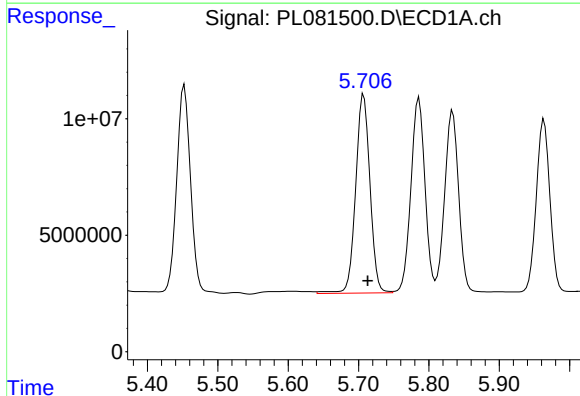
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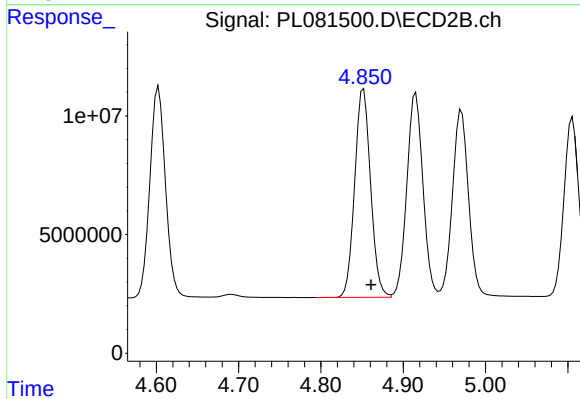
#9 Endosulfan I

R.T.: 4.971 min
Delta R.T.: -0.009 min
Response: 107343066
Conc: 47.42 ng/ml



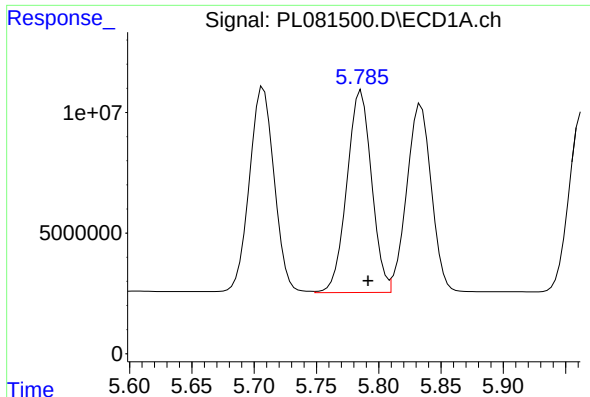
#10 gamma-Chlordane

R.T.: 5.707 min
Delta R.T.: -0.006 min
Response: 120959875
Conc: 53.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.852 min
Delta R.T.: -0.009 min
Response: 117849933
Conc: 48.15 ng/ml



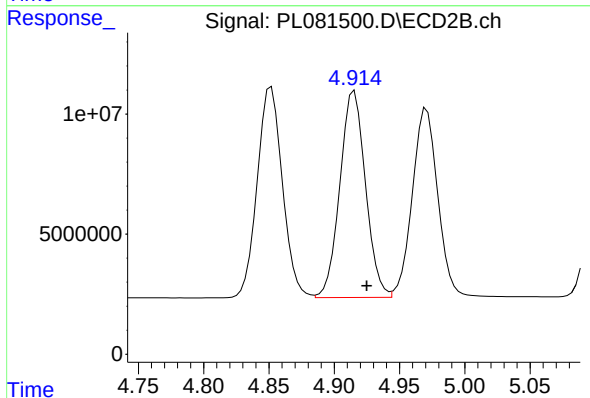
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 115925406
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

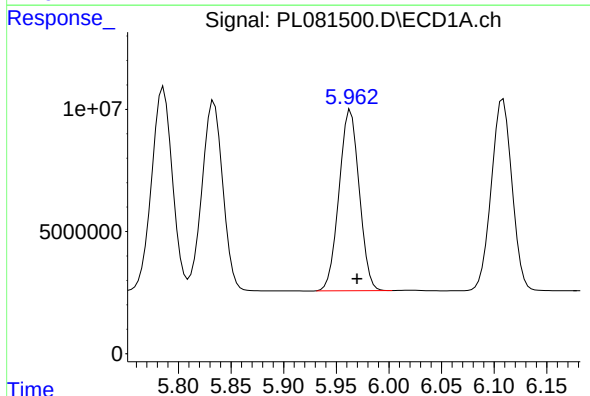
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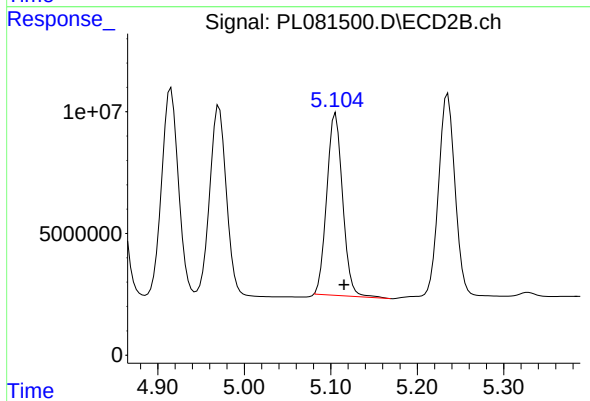
#11 alpha-Chlordane

R.T.: 4.915 min
Delta R.T.: -0.009 min
Response: 117387371
Conc: 47.94 ng/ml



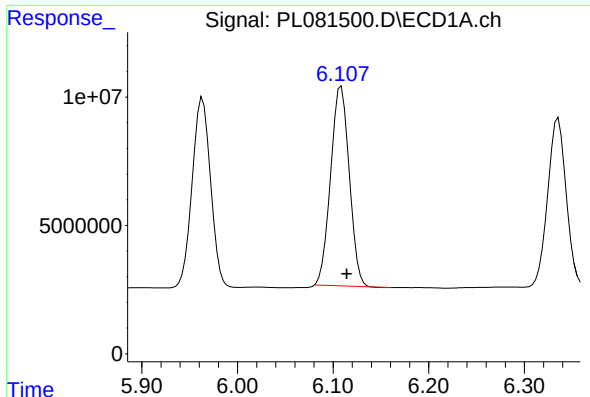
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: -0.006 min
Response: 99095562
Conc: 50.65 ng/ml



#12 4,4'-DDE

R.T.: 5.106 min
Delta R.T.: -0.010 min
Response: 95227033
Conc: 48.51 ng/ml



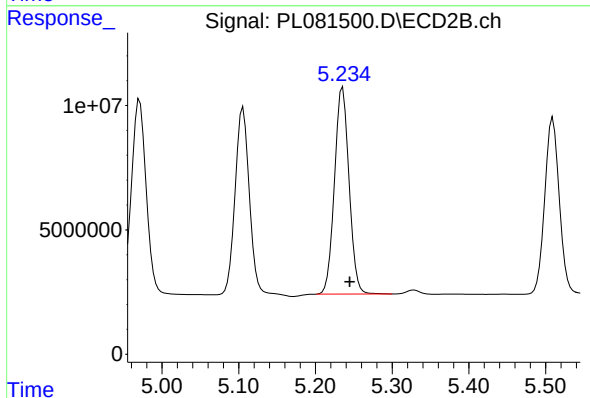
#13 Dieldrin

R.T.: 6.108 min
Delta R.T.: -0.006 min
Response: 104916210
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

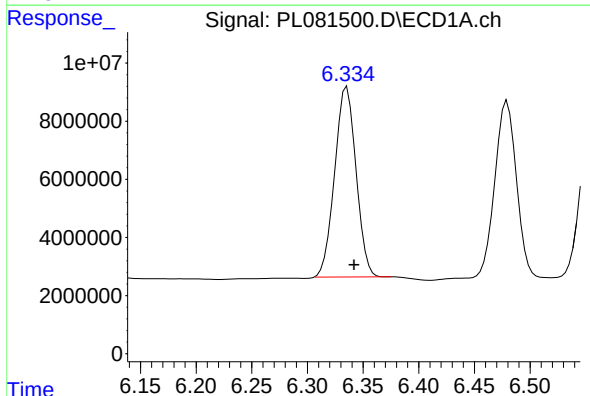
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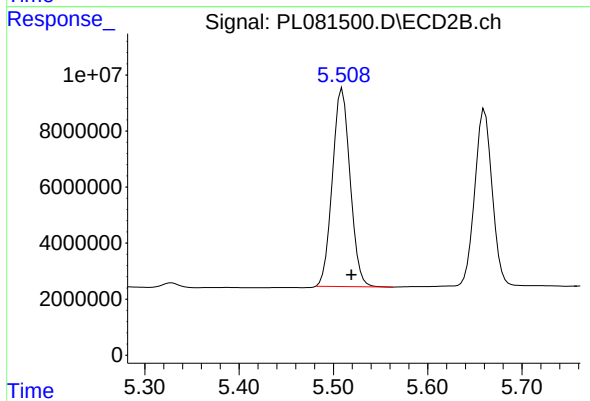
#13 Dieldrin

R.T.: 5.235 min
Delta R.T.: -0.010 min
Response: 109819434
Conc: 48.71 ng/ml



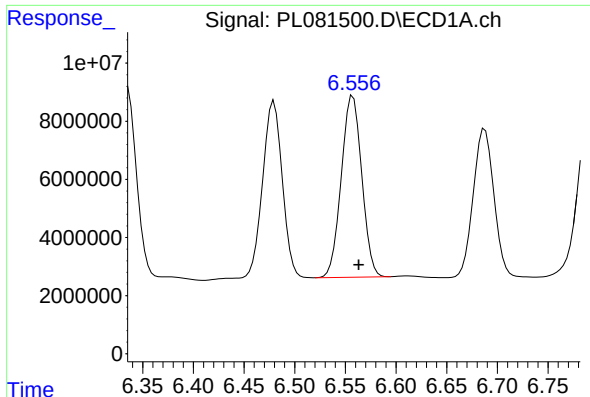
#14 Endrin

R.T.: 6.335 min
Delta R.T.: -0.007 min
Response: 87538979
Conc: 48.17 ng/ml



#14 Endrin

R.T.: 5.510 min
Delta R.T.: -0.010 min
Response: 92137476
Conc: 45.85 ng/ml



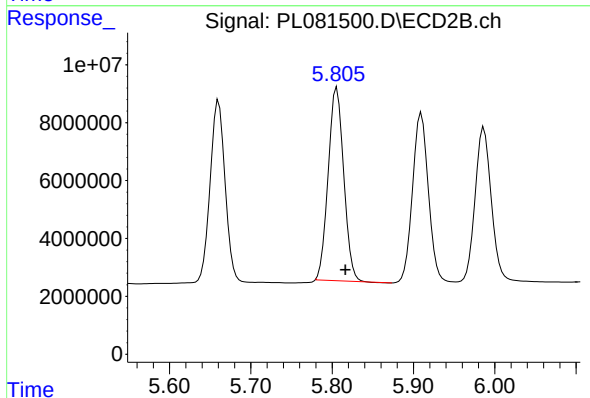
#15 Endosulfan II

R.T.: 6.558 min
Delta R.T.: -0.006 min
Response: 87756317
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

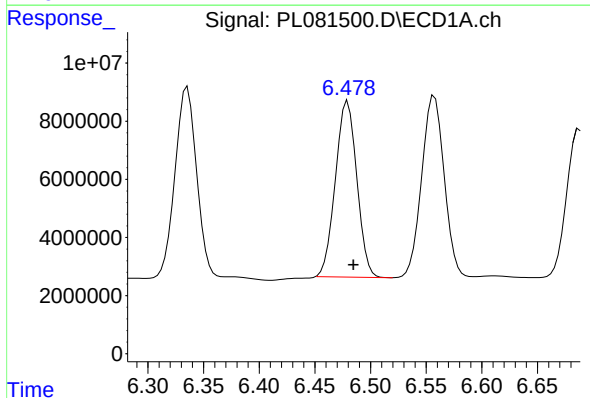
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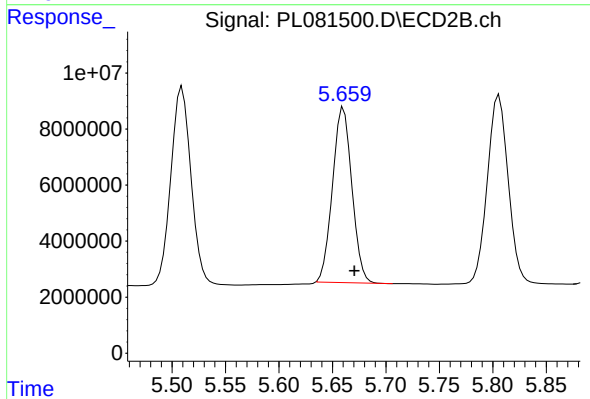
#15 Endosulfan II

R.T.: 5.806 min
Delta R.T.: -0.010 min
Response: 88922579
Conc: 48.23 ng/ml



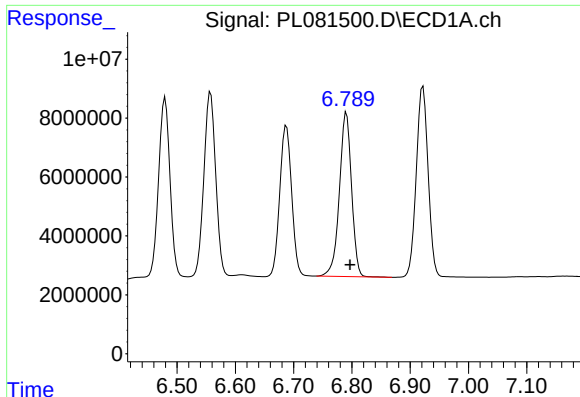
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: -0.005 min
Response: 81163700
Conc: 52.73 ng/ml



#16 4,4'-DDD

R.T.: 5.660 min
Delta R.T.: -0.010 min
Response: 78755328
Conc: 51.34 ng/ml



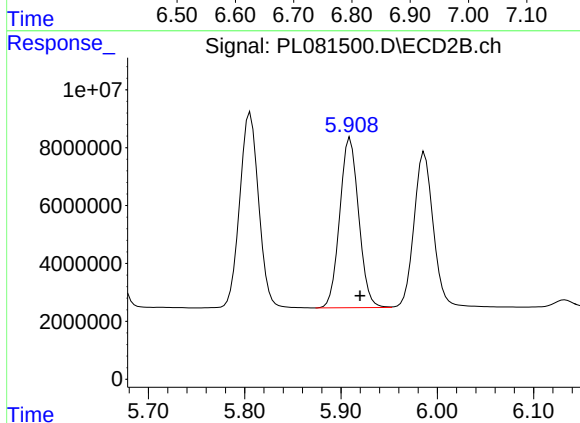
#17 4,4'-DDT

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 80883035
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

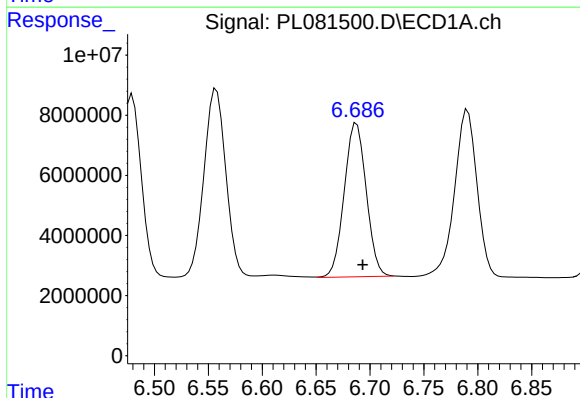
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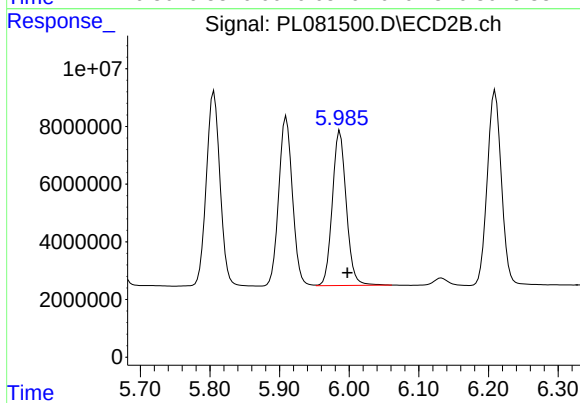
#17 4,4'-DDT

R.T.: 5.910 min
Delta R.T.: -0.010 min
Response: 80059536
Conc: 49.90 ng/ml



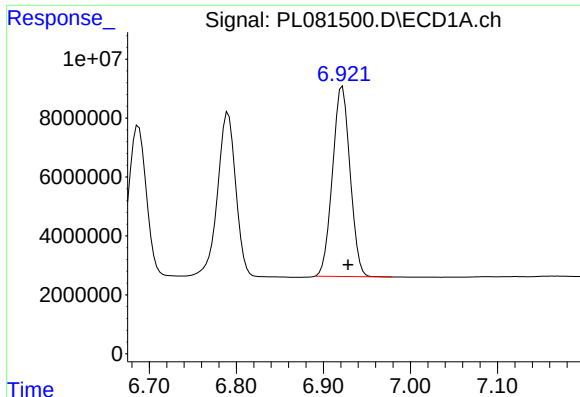
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 72797500
Conc: 50.86 ng/ml m



#18 Endrin aldehyde

R.T.: 5.987 min
Delta R.T.: -0.011 min
Response: 74546061
Conc: 49.20 ng/ml



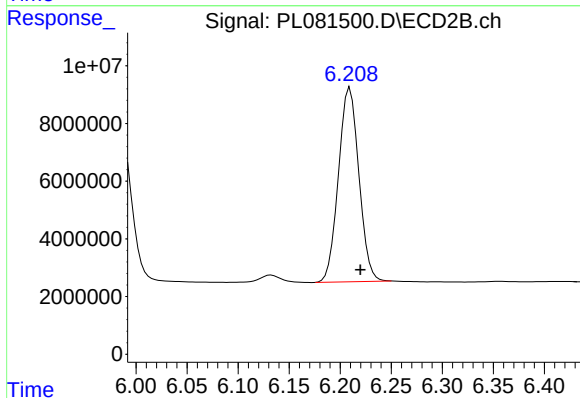
#19 Endosulfan Sulfate

R.T.: 6.922 min
Delta R.T.: -0.006 min
Response: 90457910
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

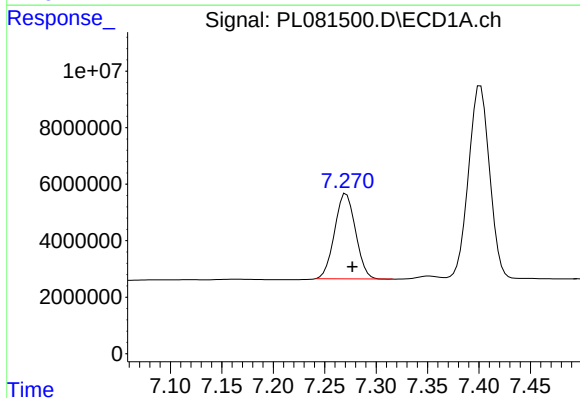
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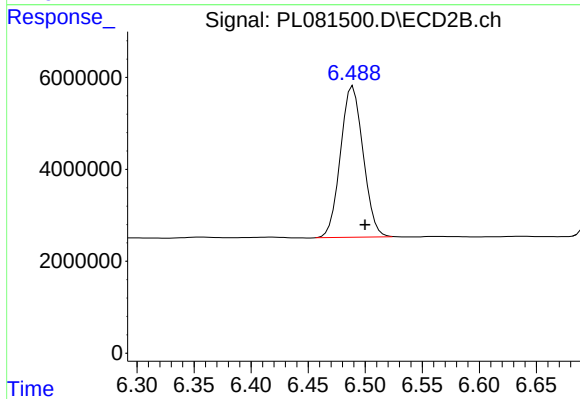
#19 Endosulfan Sulfate

R.T.: 6.208 min
Delta R.T.: -0.012 min
Response: 93902570
Conc: 48.86 ng/ml m



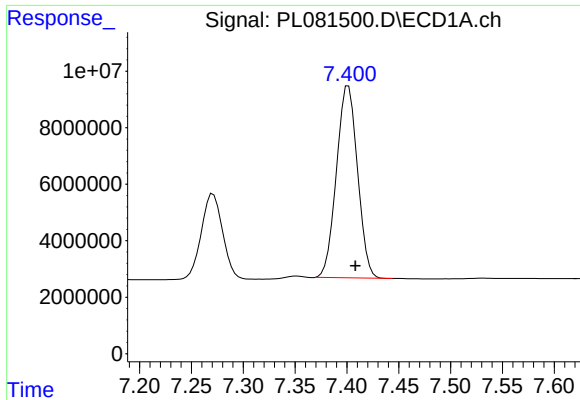
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.006 min
Response: 42717750
Conc: 49.59 ng/ml



#20 Methoxychlor

R.T.: 6.488 min
Delta R.T.: -0.012 min
Response: 45364200
Conc: 48.88 ng/ml m



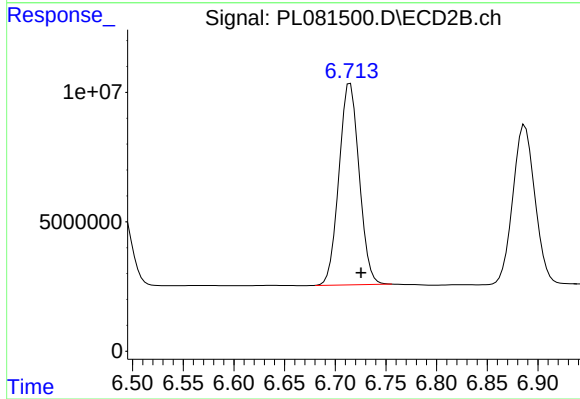
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.007 min
Response: 96034784
Conc: 52.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

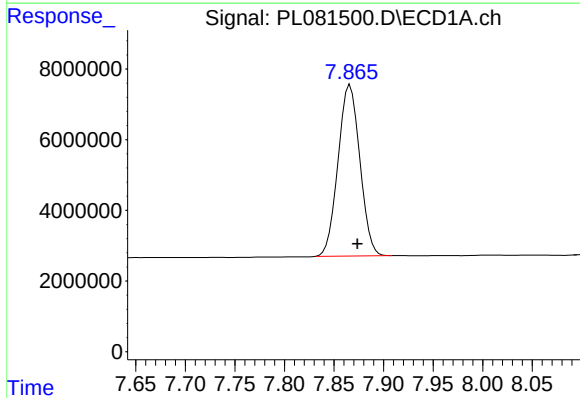
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Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



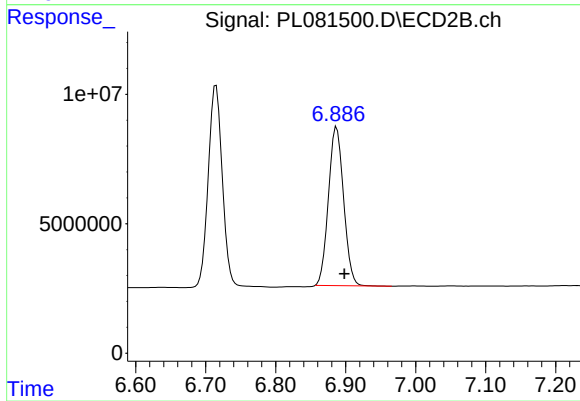
#21 Endrin ketone

R.T.: 6.713 min
Delta R.T.: -0.012 min
Response: 108039644
Conc: 50.18 ng/ml m



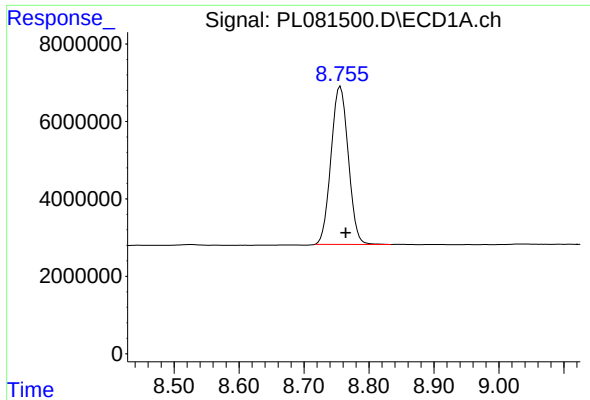
#22 Mirex

R.T.: 7.866 min
Delta R.T.: -0.007 min
Response: 74119860
Conc: 50.80 ng/ml



#22 Mirex

R.T.: 6.887 min
Delta R.T.: -0.011 min
Response: 92349739
Conc: 47.98 ng/ml



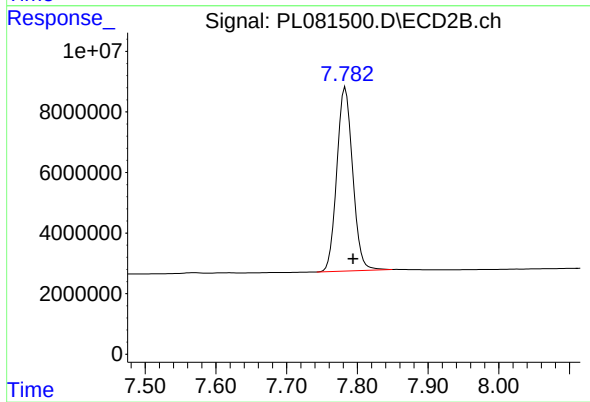
#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.008 min
Response: 75259169
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



#28 Decachlorobiphenyl

R.T.: 7.783 min
Delta R.T.: -0.011 min
Response: 94484525
Conc: 49.33 ng/ml