

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053023\
 Data File : PL083077.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2023 10:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/31/2023
 Supervised By : Ankita Jodhani 05/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 20:39:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.326	2.636	144.8E6	120.5E6	49.273	46.433
28)	SA Decachlor...	8.744	7.744	123.3E6	124.9E6	58.772	50.223
Target Compounds							
2)	A alpha-BHC	3.775	3.133	220.8E6	171.7E6	49.740	46.028
3)	MA gamma-BHC...	4.103	3.460	204.6E6	159.5E6	49.387	47.863
4)	MA Heptachlor	4.681	3.791	197.9E6	165.8E6	51.772	45.280
5)	MB Aldrin	5.017	4.067	181.5E6	151.6E6	51.581	46.597
6)	B beta-BHC	4.307	3.761	87618407	66244145	46.538	46.322
7)	B delta-BHC	4.548	3.986	202.2E6	153.8E6	58.799	46.955
8)	B Heptachlo...	5.444	4.569	162.3E6	139.3E6	50.726	46.919
9)	A Endosulfan I	5.824	4.936	153.5E6	132.0E6	51.147	47.238
10)	B gamma-Chl...	5.699	4.817	167.9E6	142.2E6	52.838	47.338
11)	B alpha-Chl...	5.776	4.880	165.5E6	142.2E6	51.571	47.355
12)	B 4,4'-DDE	5.955	5.071	147.4E6	121.2E6	53.472	49.922
13)	MA Dieldrin	6.099	5.200	156.0E6	133.7E6	51.869	47.370
14)	MA Endrin	6.325	5.475	133.9E6	117.8E6	49.839m	46.449
15)	B Endosulfa...	6.548	5.772	127.2E6	112.4E6	47.906	45.436
16)	A 4,4'-DDD	6.471	5.626	119.2E6	96679862	54.867	50.269
17)	MA 4,4'-DDT	6.782	5.874	126.0E6	105.4E6	50.345	47.247
18)	B Endrin al...	6.679	5.951	103.4E6	91098068	51.441	46.068
19)	B Endosulfa...	6.913	6.174	131.4E6	116.2E6	51.269	47.441
20)	A Methoxychlor	7.262	6.453	67152422	58580854	50.781	46.063
21)	B Endrin ke...	7.391	6.679	137.3E6	130.8E6	53.807m	48.375
22)	Mirex	7.856	6.849	105.6E6	112.0E6	50.374	47.850

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053023\
Data File : PL083077.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 May 2023 10:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

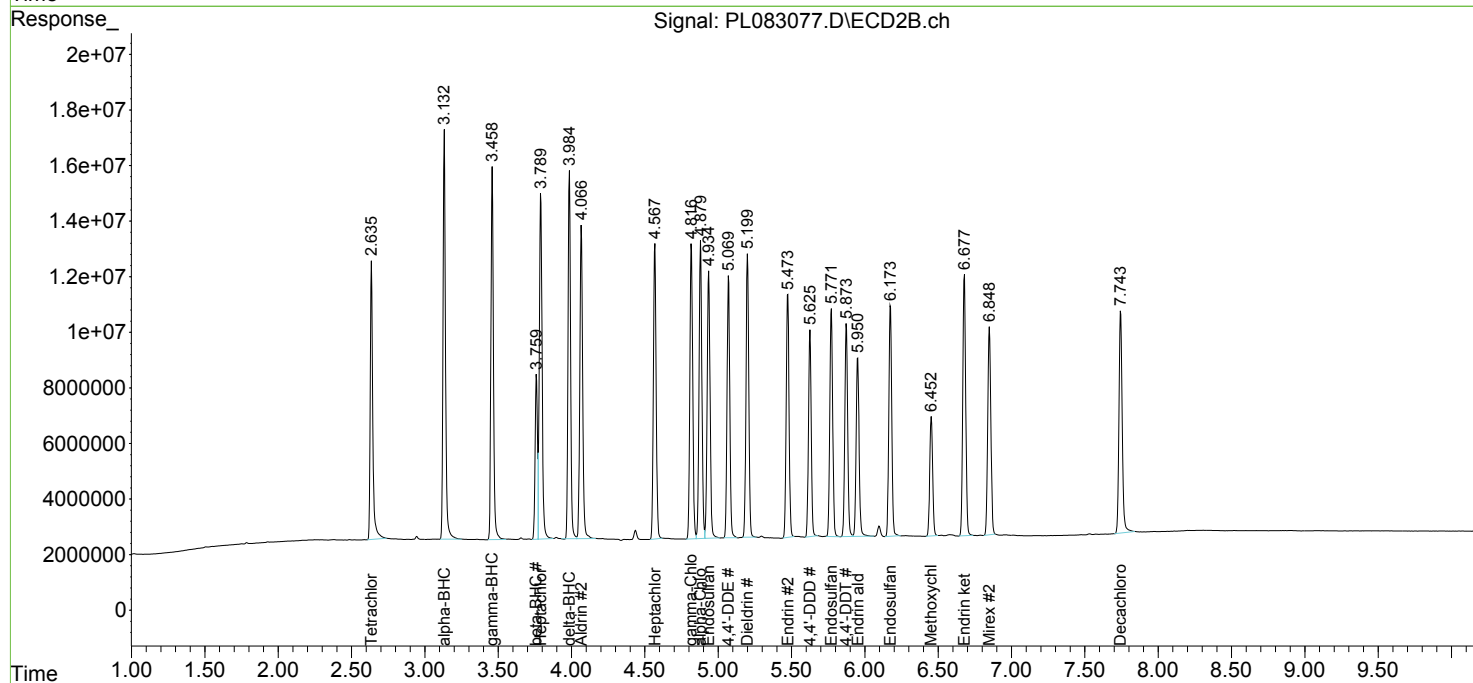
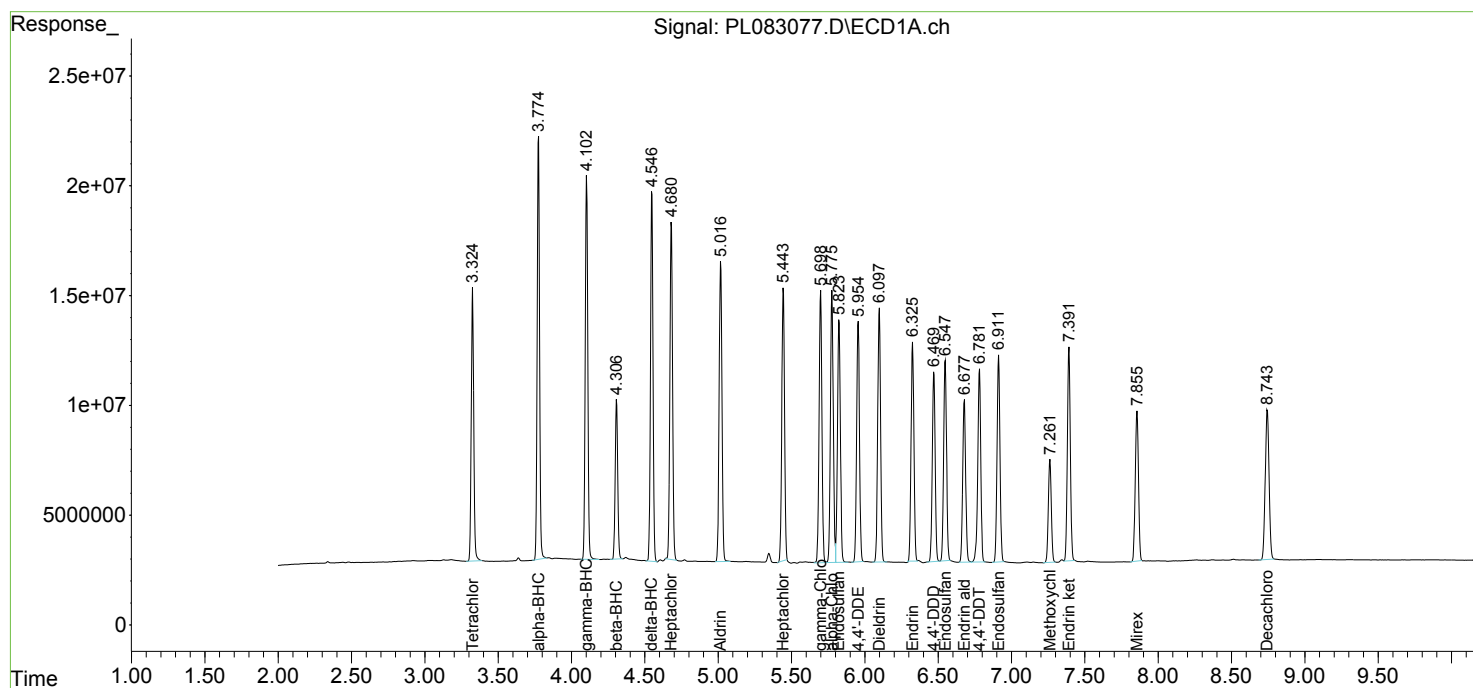
APPROVED

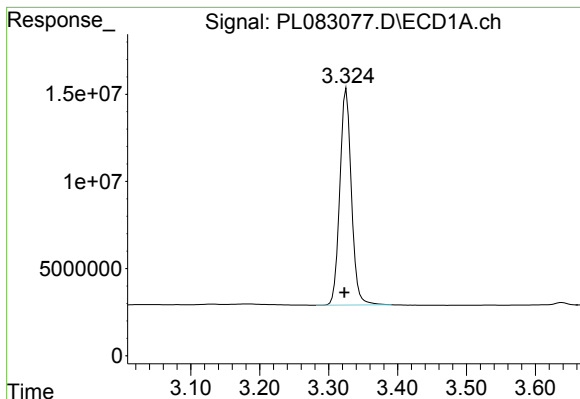
Reviewed By :Abdul Mirza 05/31/2023

Supervised By :Ankita Jodhani 05/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 20:39:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





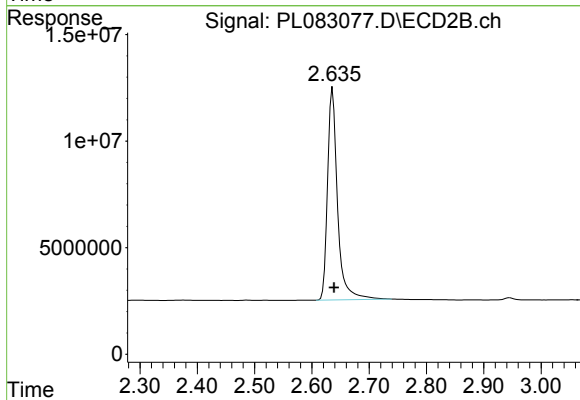
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: 0.003 min
Response: 144814758
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

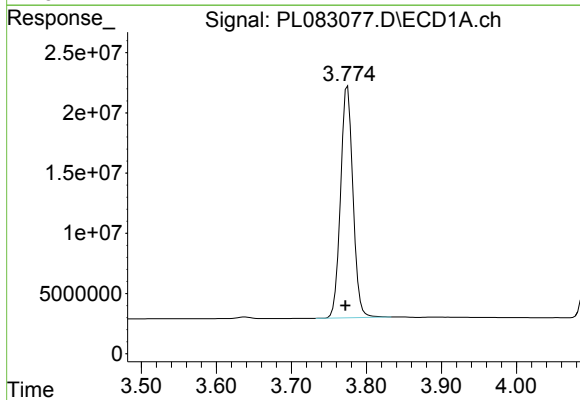
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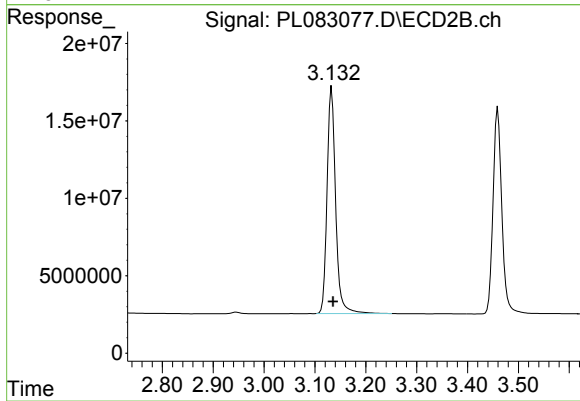
#1 Tetrachloro-m-xylene

R.T.: 2.636 min
Delta R.T.: -0.003 min
Response: 120544931
Conc: 46.43 ng/ml



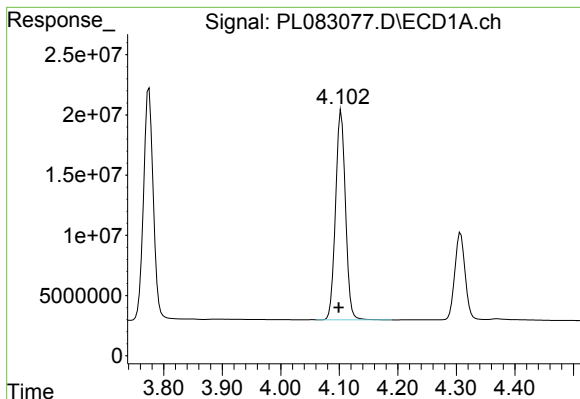
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: 0.003 min
Response: 220810099
Conc: 49.74 ng/ml



#2 alpha-BHC

R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 171749623
Conc: 46.03 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: 0.004 min
Response: 204605215
Conc: 49.39 ng/ml

Instrument :

ECD_L

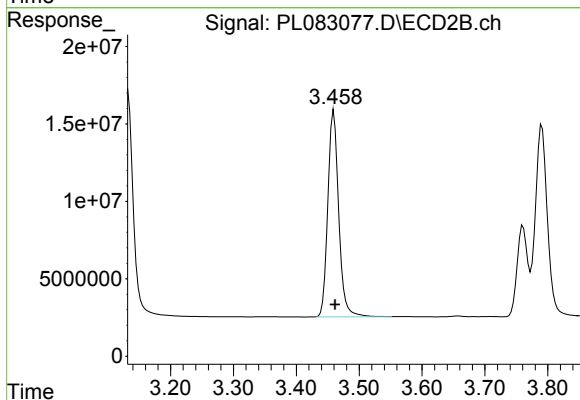
ClientSampleId :

PSTDCCC050

Manual Integrations

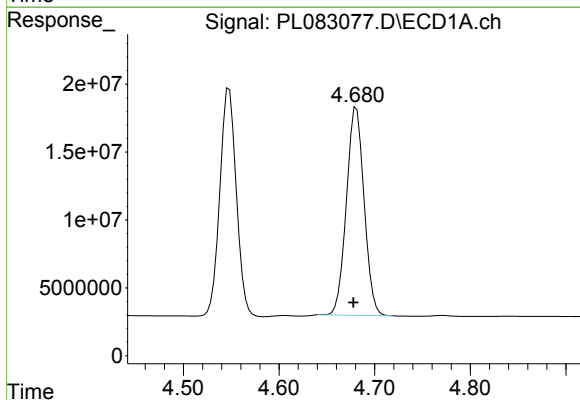
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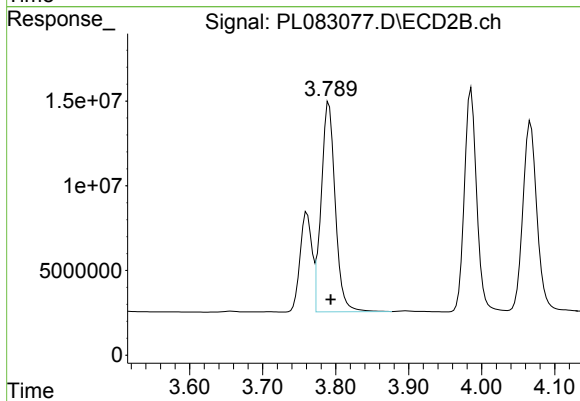
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.002 min
Response: 159540700
Conc: 47.86 ng/ml



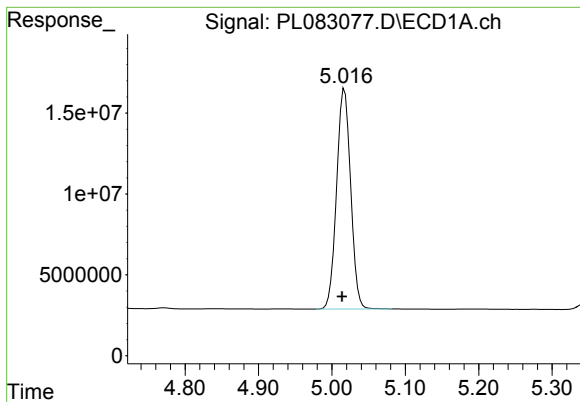
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: 0.003 min
Response: 197897673
Conc: 51.77 ng/ml



#4 Heptachlor

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 165773154
Conc: 45.28 ng/ml



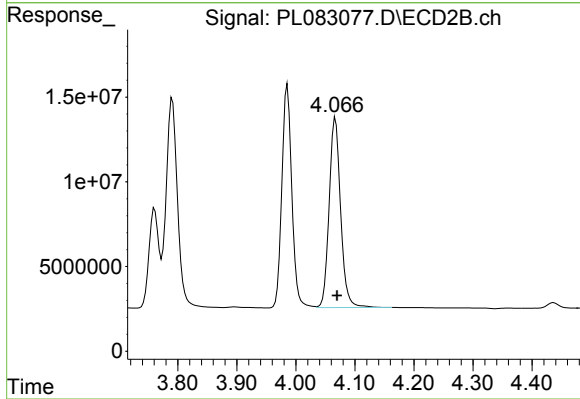
#5 Aldrin

R.T.: 5.017 min
Delta R.T.: 0.003 min
Response: 181467472
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

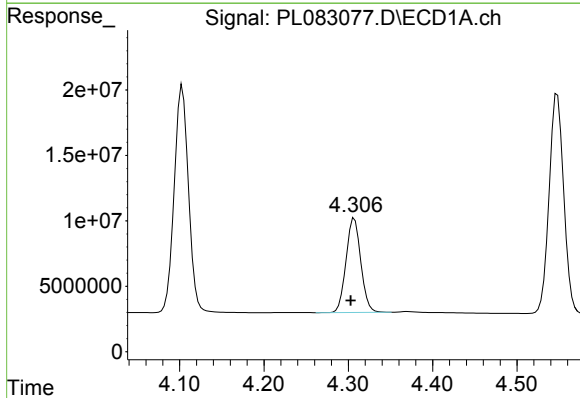
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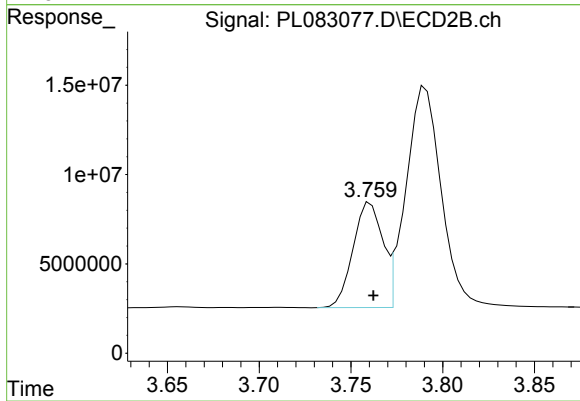
#5 Aldrin

R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 151608247
Conc: 46.60 ng/ml



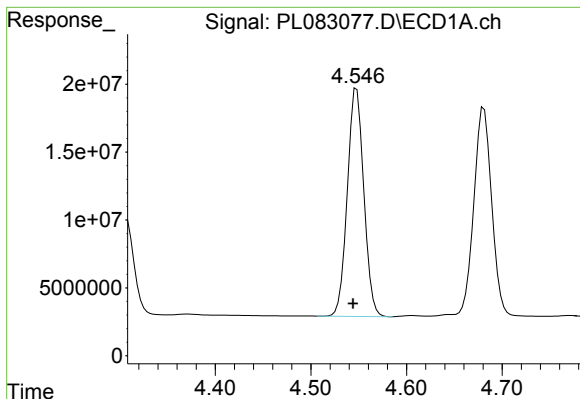
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: 0.004 min
Response: 87618407
Conc: 46.54 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 66244145
Conc: 46.32 ng/ml



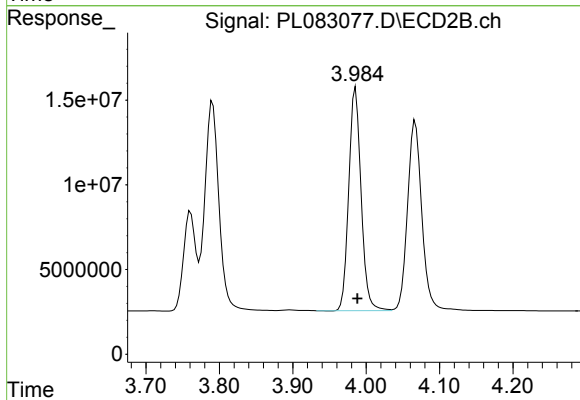
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: 0.004 min
Response: 202205539
Conc: 58.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

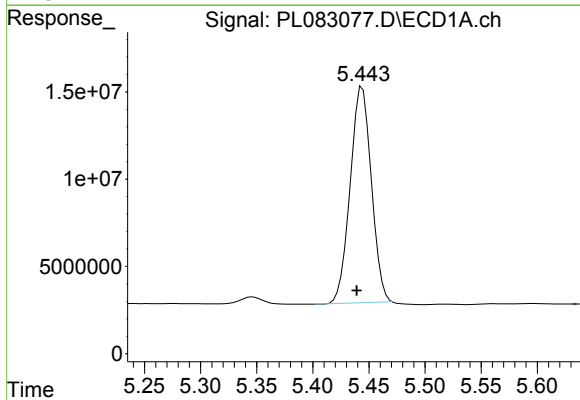
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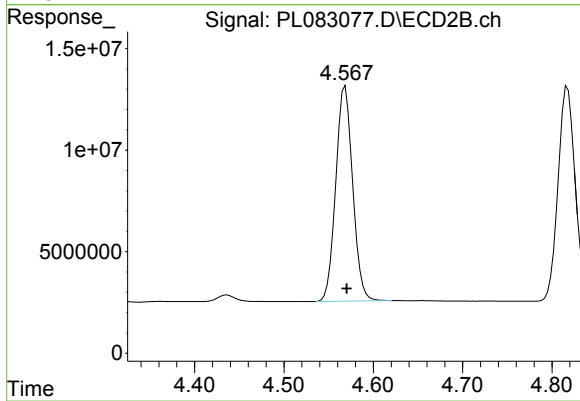
#7 delta-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 153844332
Conc: 46.95 ng/ml



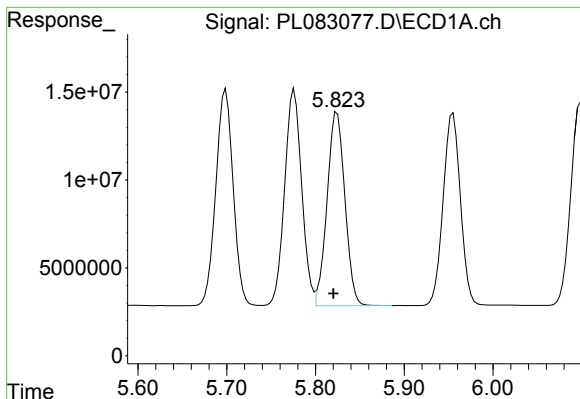
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: 0.005 min
Response: 162258967
Conc: 50.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 139251985
Conc: 46.92 ng/ml



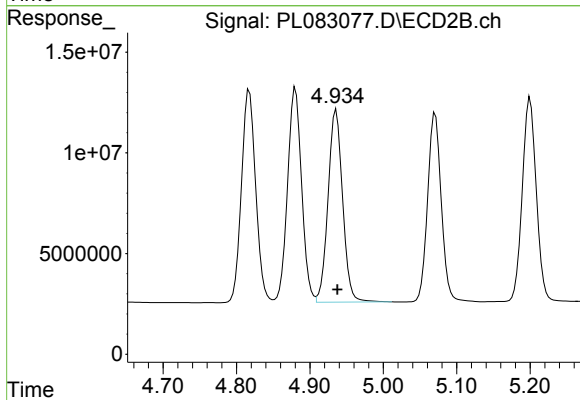
#9 Endosulfan I

R.T.: 5.824 min
Delta R.T.: 0.004 min
Response: 153471088
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

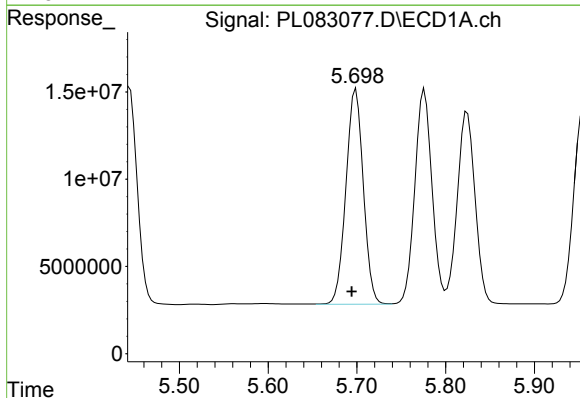
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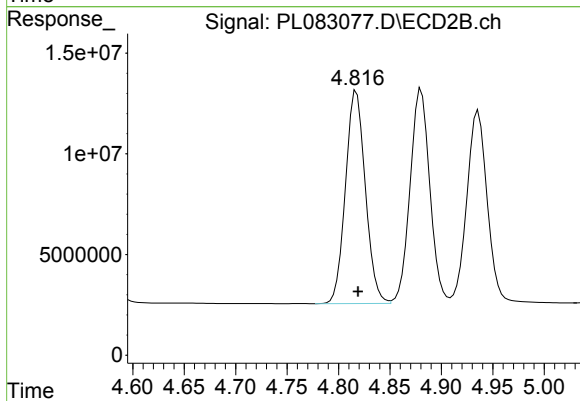
#9 Endosulfan I

R.T.: 4.936 min
Delta R.T.: -0.001 min
Response: 132001864
Conc: 47.24 ng/ml



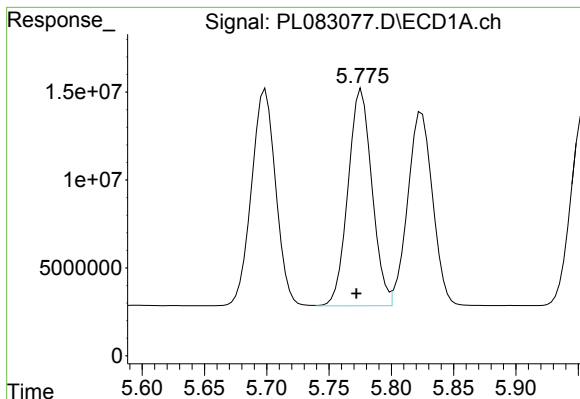
#10 gamma-Chlordane

R.T.: 5.699 min
Delta R.T.: 0.005 min
Response: 167866080
Conc: 52.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 142175872
Conc: 47.34 ng/ml



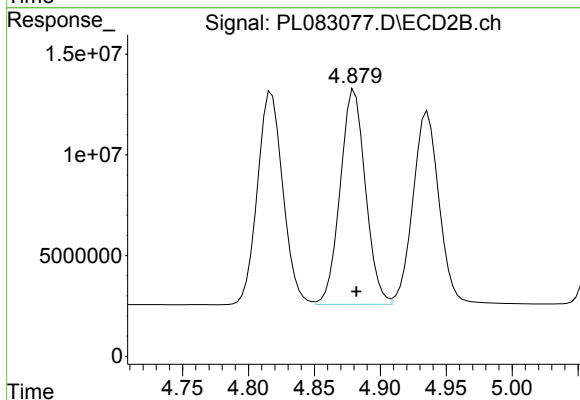
#11 alpha-Chlordane

R.T.: 5.776 min
Delta R.T.: 0.004 min
Response: 165507541
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

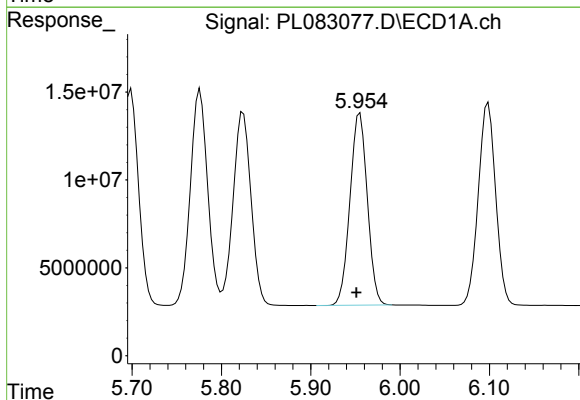
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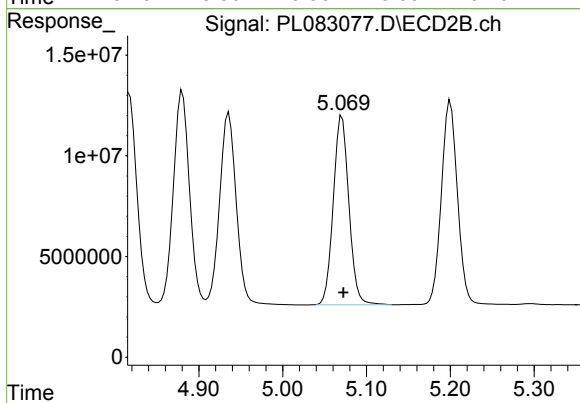
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.001 min
Response: 142157597
Conc: 47.35 ng/ml



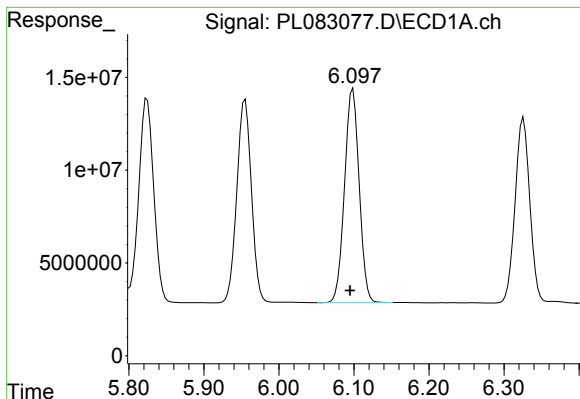
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: 0.004 min
Response: 147397249
Conc: 53.47 ng/ml



#12 4,4'-DDE

R.T.: 5.071 min
Delta R.T.: -0.002 min
Response: 121248810
Conc: 49.92 ng/ml



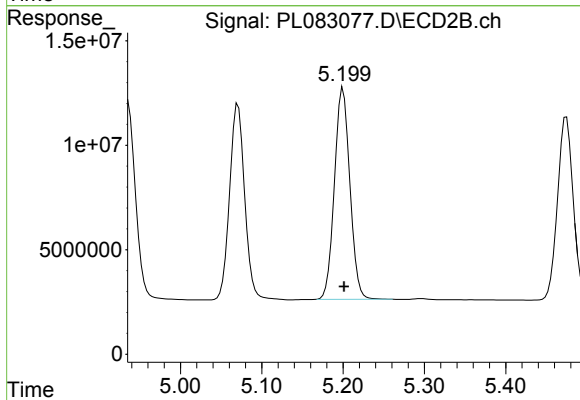
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: 0.004 min
Response: 156015023
Conc: 51.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

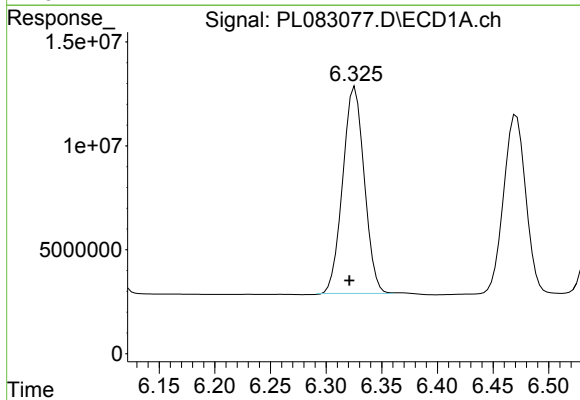
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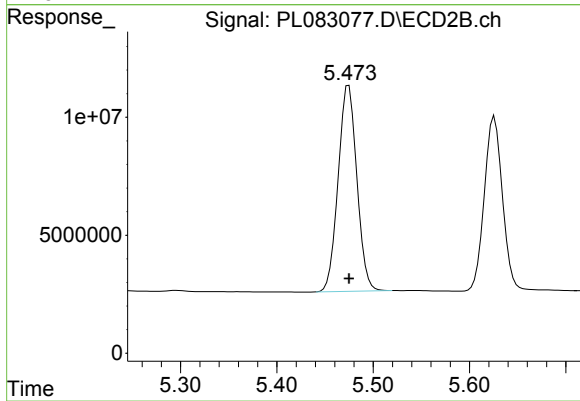
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 133722037
Conc: 47.37 ng/ml



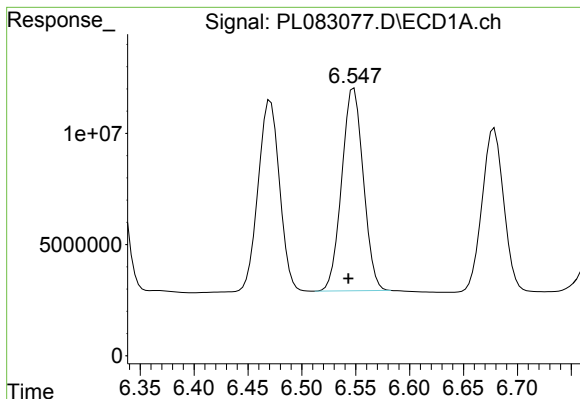
#14 Endrin

R.T.: 6.325 min
Delta R.T.: 0.004 min
Response: 133929590
Conc: 49.84 ng/ml m



#14 Endrin

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 117839682
Conc: 46.45 ng/ml



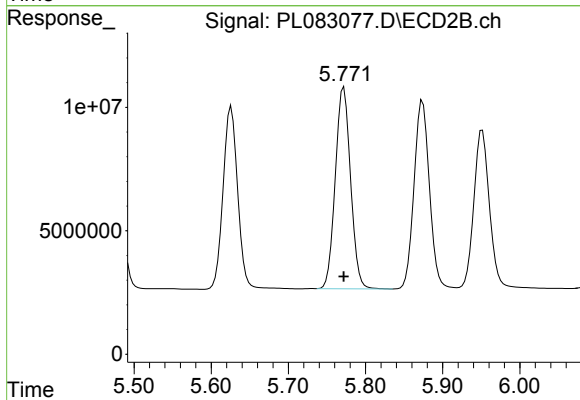
#15 Endosulfan II

R.T.: 6.548 min
Delta R.T.: 0.005 min
Response: 127153787
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

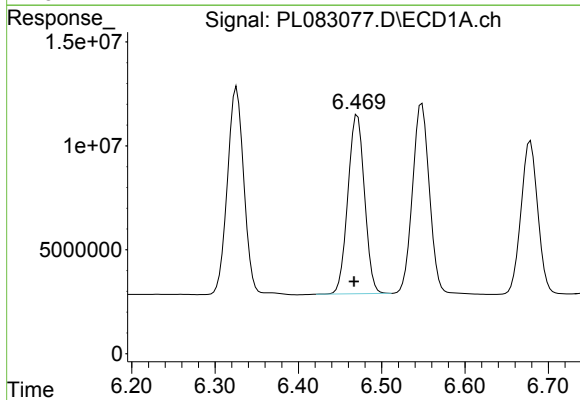
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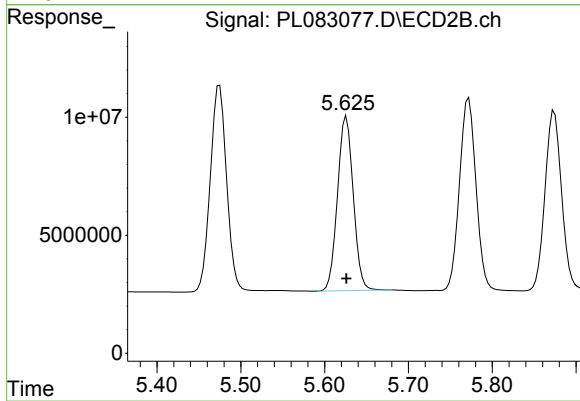
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 112416198
Conc: 45.44 ng/ml



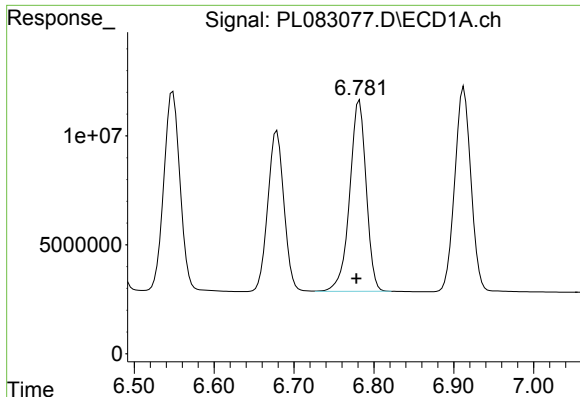
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: 0.004 min
Response: 119228863
Conc: 54.87 ng/ml



#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 96679862
Conc: 50.27 ng/ml



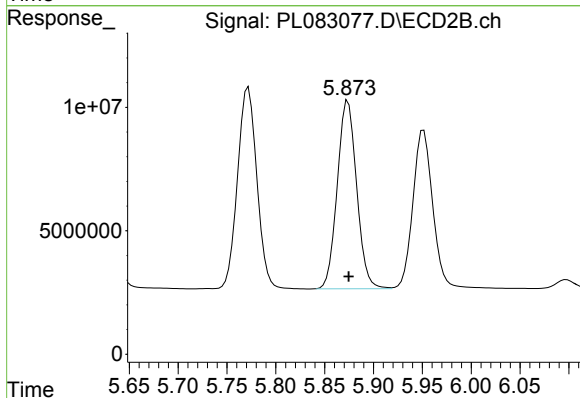
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: 0.004 min
Response: 126021383
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

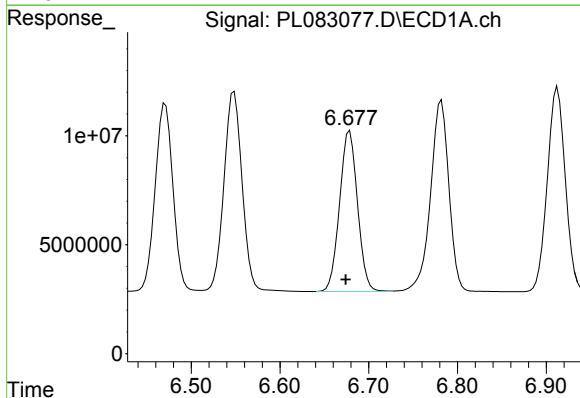
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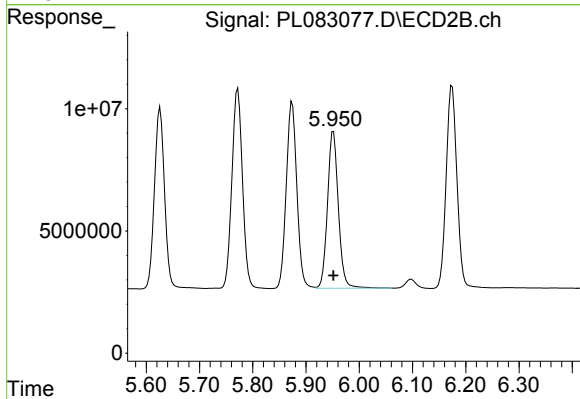
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 105409604
Conc: 47.25 ng/ml



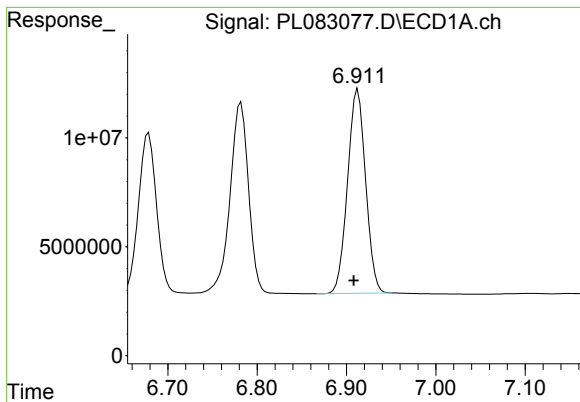
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: 0.005 min
Response: 103429361
Conc: 51.44 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 91098068
Conc: 46.07 ng/ml



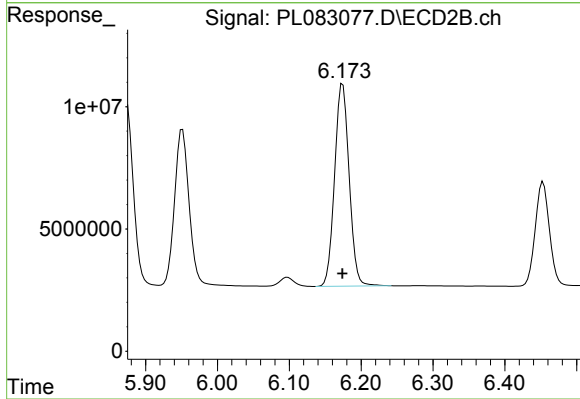
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: 0.005 min
Response: 131438704
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

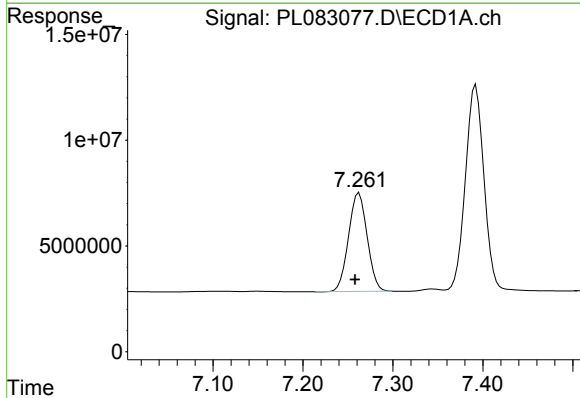
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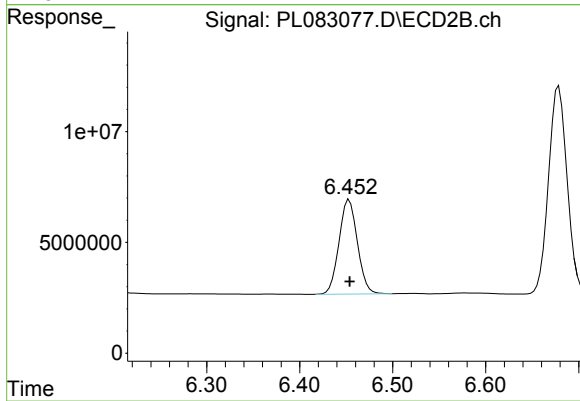
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 116181249
Conc: 47.44 ng/ml



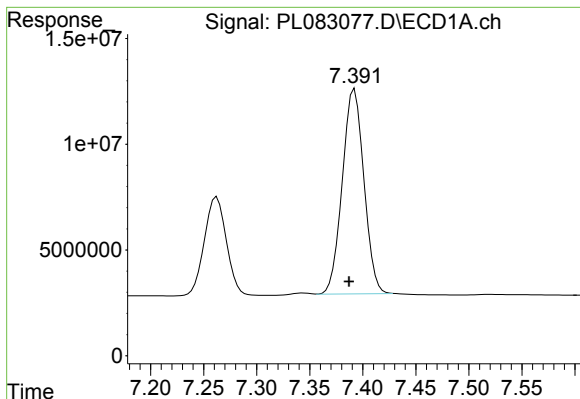
#20 Methoxychlor

R.T.: 7.262 min
Delta R.T.: 0.004 min
Response: 67152422
Conc: 50.78 ng/ml



#20 Methoxychlor

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 58580854
Conc: 46.06 ng/ml



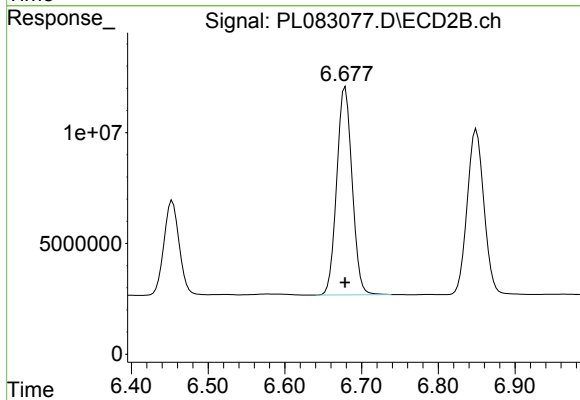
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: 0.004 min
Response: 137251039
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

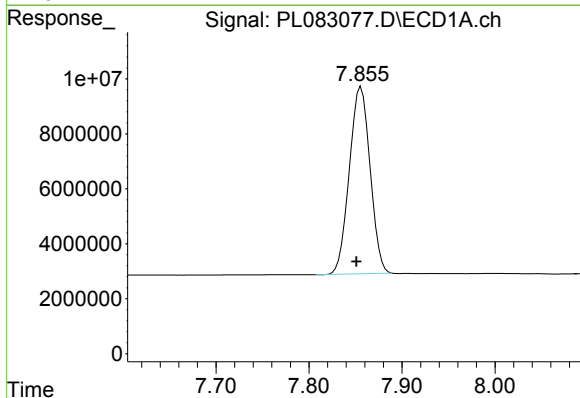
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/31/2023
Supervised By :Ankita Jodhani 05/31/2023



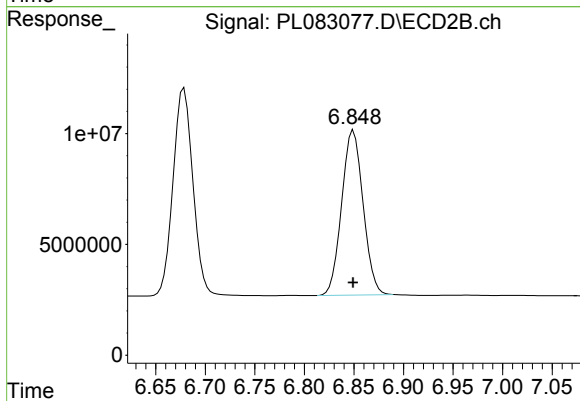
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 130799912
Conc: 48.38 ng/ml



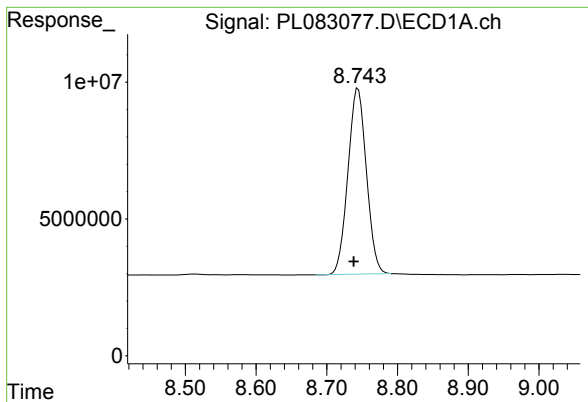
#22 Mirex

R.T.: 7.856 min
Delta R.T.: 0.005 min
Response: 105585304
Conc: 50.37 ng/ml



#22 Mirex

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 111961911
Conc: 47.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.744 min
Delta R.T.: 0.006 min
Response: 123264023
Conc: 58.77 ng/ml

Instrument :

ECD_L

ClientSampleId :

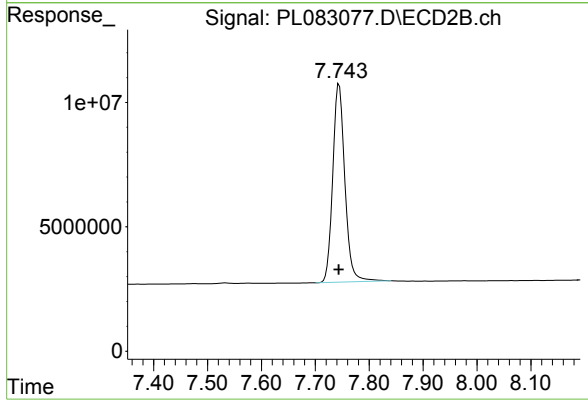
PSTDCCC050

Manual Integrations

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Supervised By :Ankita Jodhani 05/31/2023



#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 124880915
Conc: 50.22 ng/ml