

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
 Data File : PL081385.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 22:00
 Operator : AR\AJ
 Sample : PB151305BSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151305BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/10/2023
 Supervised By :Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 04:10:08 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...	3.333	2.663	54327798	47794066	25.145	23.616
28)	SA Decachlor...	8.756	7.785	43422221	48716942	28.482	25.433
Target Compounds							
2)	A alpha-BHC	3.782	3.164	184.5E6	155.2E6	57.984	52.971
3)	MA gamma-BHC...	4.110	3.492	170.1E6	145.5E6	57.509	52.874
4)	MA Heptachlor	4.690	3.826	162.2E6	144.7E6	58.772	52.423
5)	MB Aldrin	5.027	4.104	154.4E6	137.8E6	60.669	52.555
6)	B beta-BHC	4.313	3.791	71937572	58834870	52.262	50.692
7)	B delta-BHC	4.554	4.019	167.8E6	140.0E6	60.361	54.994
8)	B Heptachlo...	5.453	4.605	138.4E6	127.2E6	58.645	52.597
9)	A Endosulfan I	5.834	4.974	123.4E6	117.2E6	58.393	51.767
10)	B gamma-Chl...	5.708	4.855	138.4E6	128.2E6	60.670	52.357
11)	B alpha-Chl...	5.786	4.918	135.0E6	127.4E6	59.939	52.041
12)	B 4,4'-DDE	5.964	5.109	119.2E6	106.2E6	60.935	54.119
13)	MA Dieldrin	6.108	5.238	127.9E6	123.5E6	61.095	54.803
14)	MA Endrin	6.335	5.513	111.9E6	109.6E6	61.590	54.562
15)	B Endosulfa...	6.557	5.808	111.0E6	104.2E6	63.679	56.494
16)	A 4,4'-DDD	6.479	5.664	94714907	85690160	61.528	55.857
17)	MA 4,4'-DDT	6.790	5.912	98757350	91434332	62.217	56.993
18)	B Endrin al...	6.686	5.989	91498994	87604952	63.925m	57.823
19)	B Endosulfa...	6.921	6.212	107.3E6	103.6E6	59.756	53.876
20)	A Methoxychlor	7.271	6.492	53913900	51981472	62.591	56.009
21)	B Endrin ke...	7.401	6.717	110.5E6	113.7E6	60.940	52.815
22)	Mirex	7.866	6.890	87677448	99447843	60.090	51.671

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
 Data File : PL081385.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 22:00
 Operator : AR\AJ
 Sample : PB151305BSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

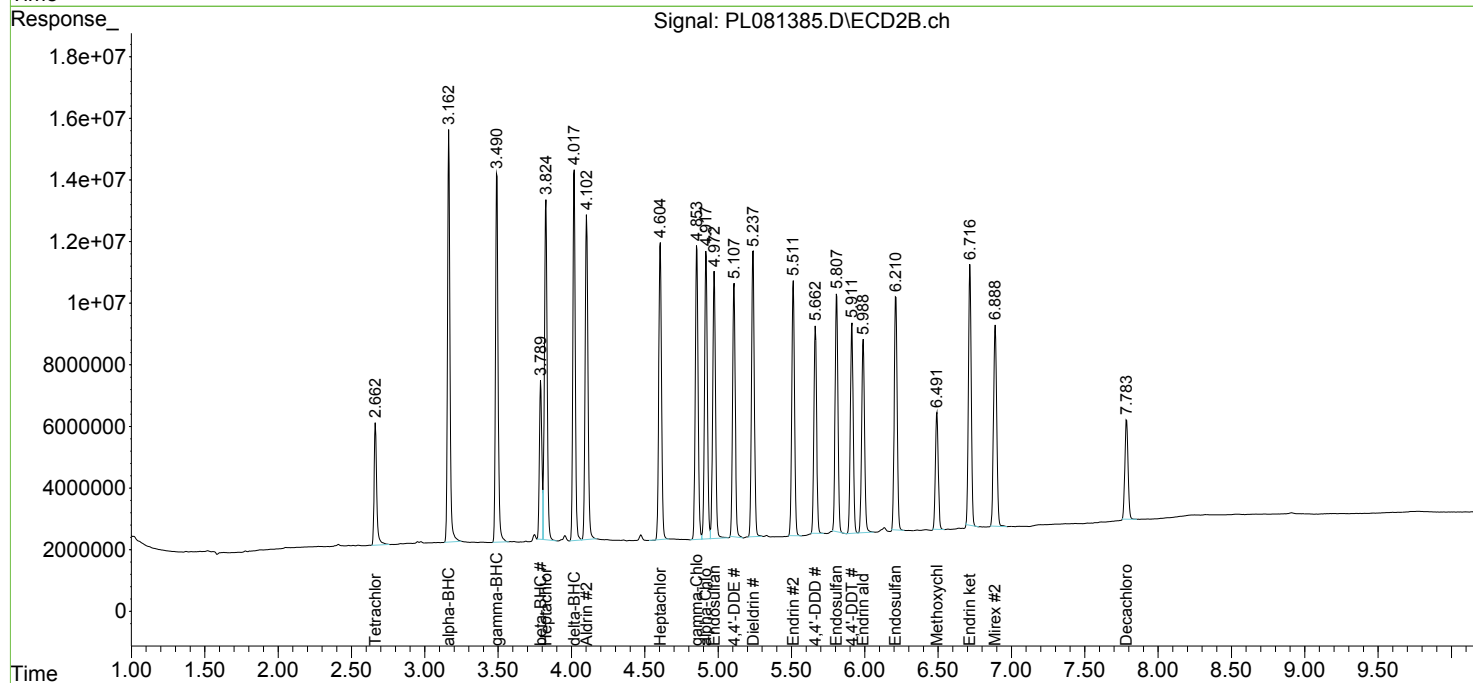
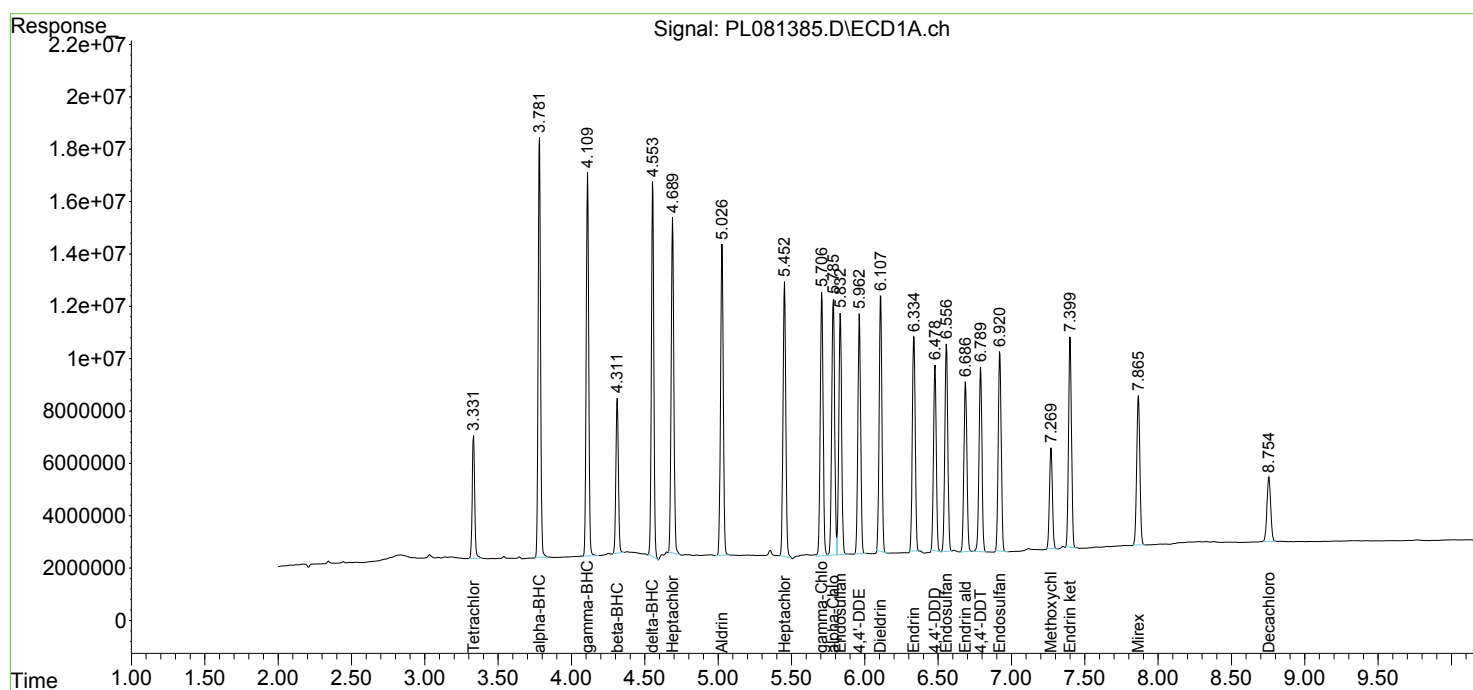
Instrument :
 ECD_L
 ClientSampleId :
 PB151305BSD

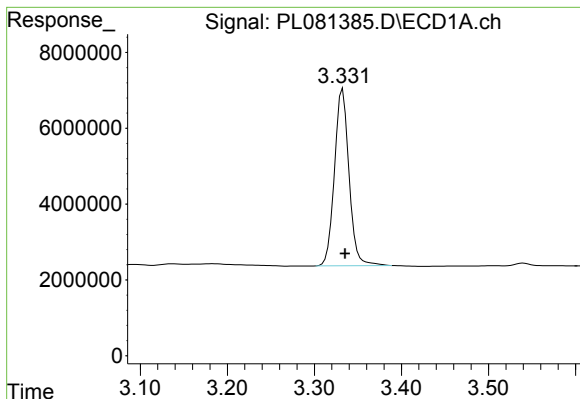
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 03/10/2023
 Supervised By : Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
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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





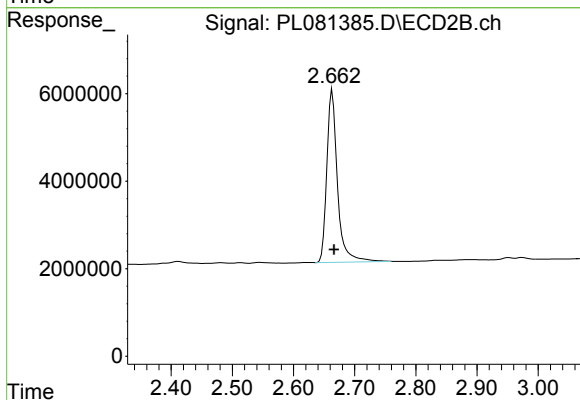
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 54327798
Conc: 25.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

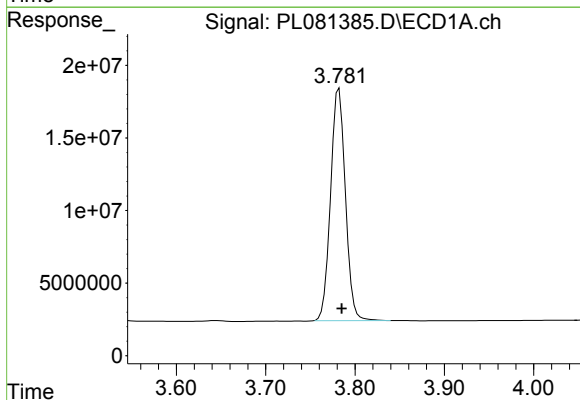
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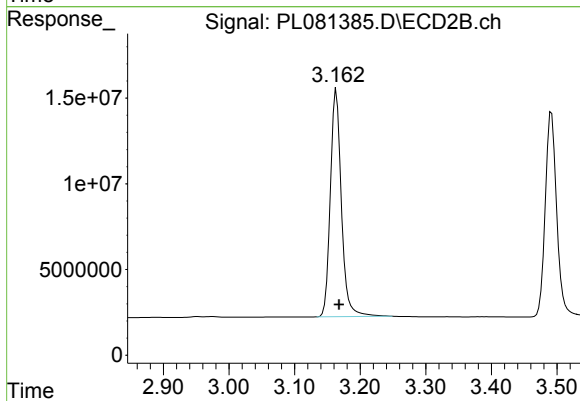
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.003 min
Response: 47794066
Conc: 23.62 ng/ml



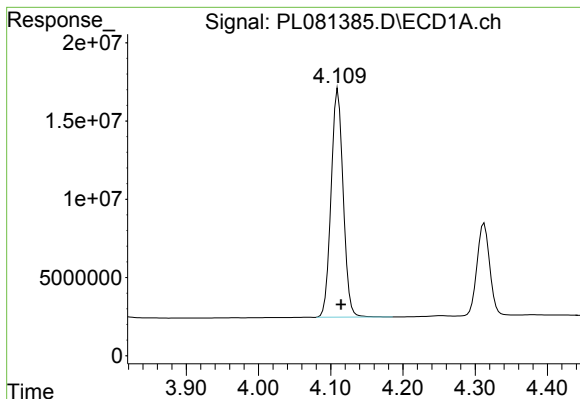
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 184462016
Conc: 57.98 ng/ml



#2 alpha-BHC

R.T.: 3.164 min
Delta R.T.: -0.004 min
Response: 155238200
Conc: 52.97 ng/ml



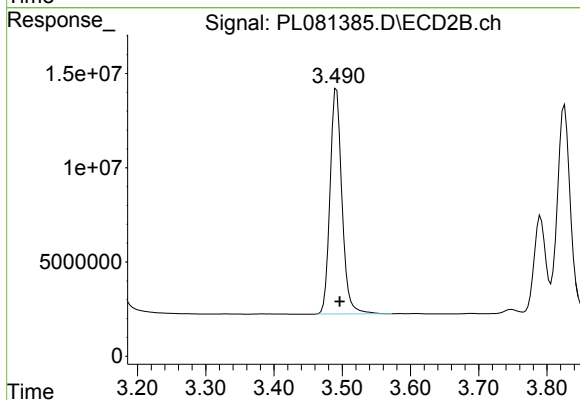
#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: -0.004 min
Response: 170146230
Conc: 57.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

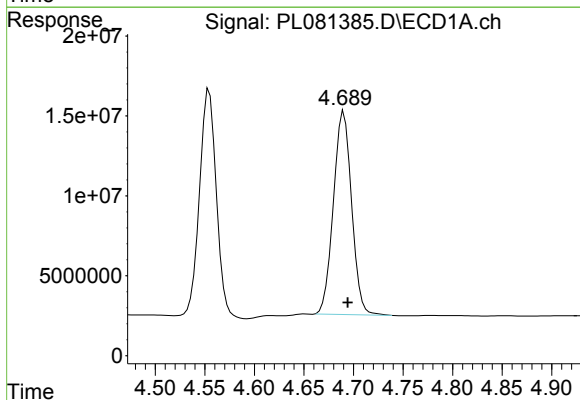
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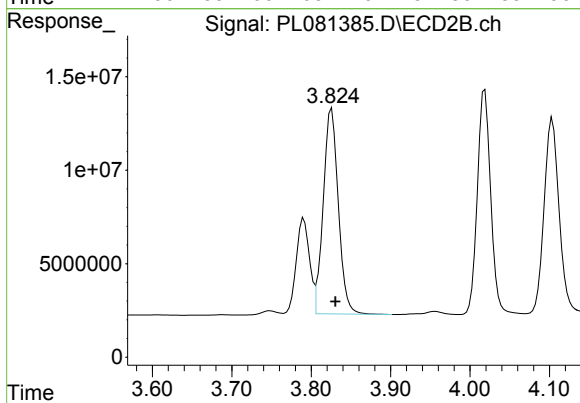
#3 gamma-BHC (Lindane)

R.T.: 3.492 min
Delta R.T.: -0.005 min
Response: 145459916
Conc: 52.87 ng/ml



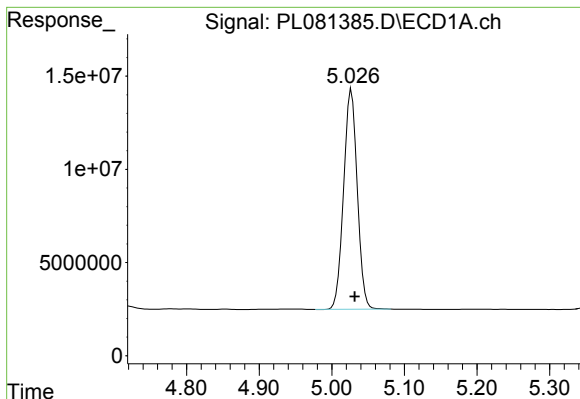
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 162174989
Conc: 58.77 ng/ml



#4 Heptachlor

R.T.: 3.826 min
Delta R.T.: -0.005 min
Response: 144663954
Conc: 52.42 ng/ml



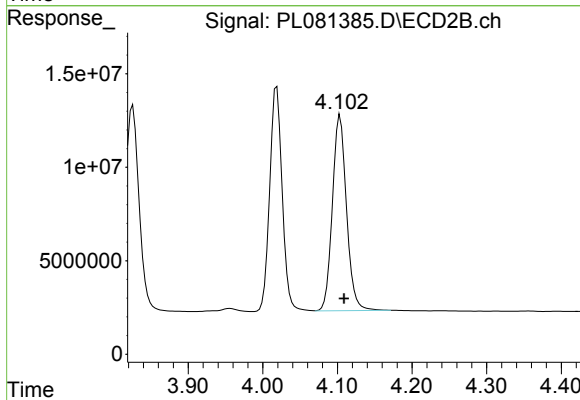
#5 Aldrin

R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 154350777
Conc: 60.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

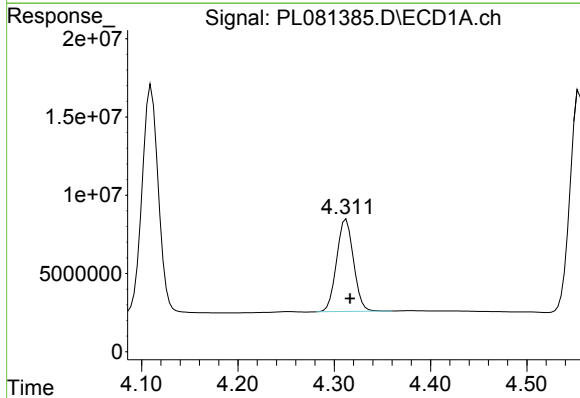
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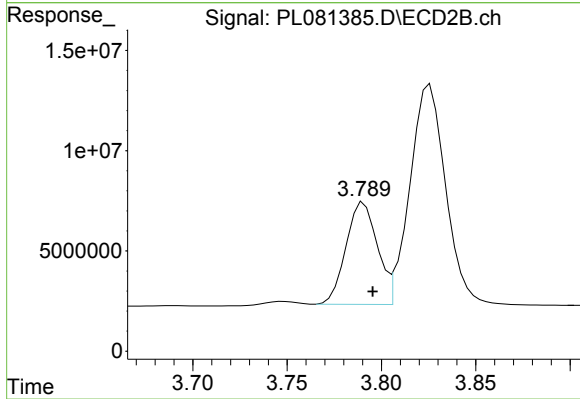
#5 Aldrin

R.T.: 4.104 min
Delta R.T.: -0.005 min
Response: 137785746
Conc: 52.56 ng/ml



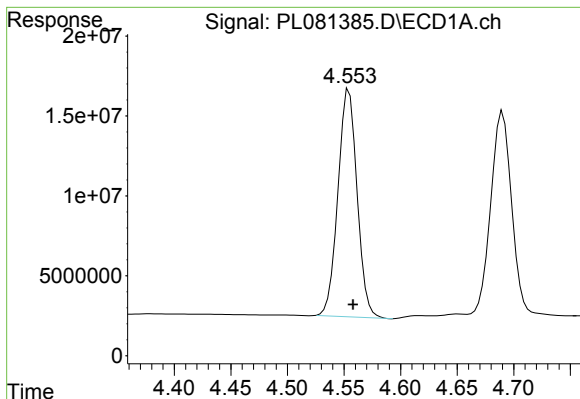
#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.004 min
Response: 71937572
Conc: 52.26 ng/ml



#6 beta-BHC

R.T.: 3.791 min
Delta R.T.: -0.005 min
Response: 58834870
Conc: 50.69 ng/ml



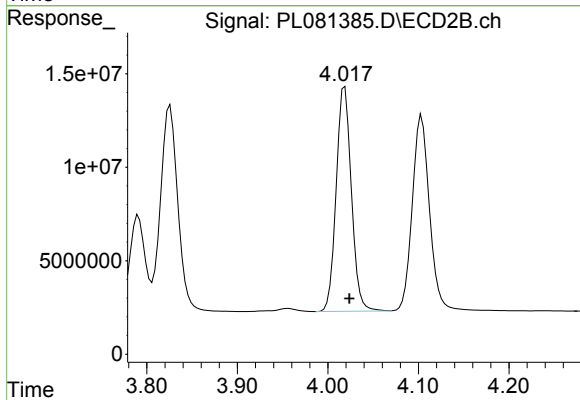
#7 delta-BHC

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 167753715
Conc: 60.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

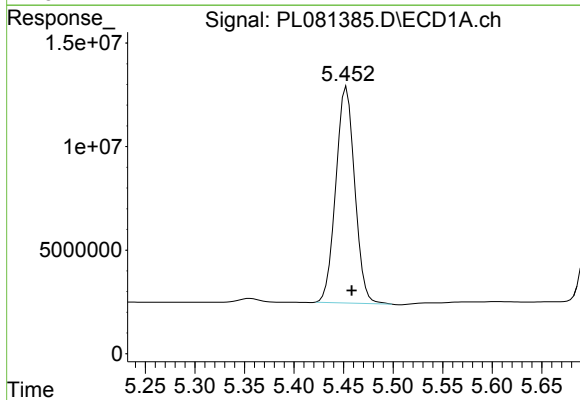
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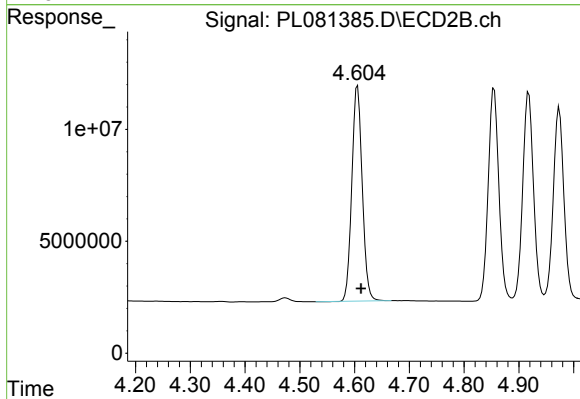
#7 delta-BHC

R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 140049929
Conc: 54.99 ng/ml



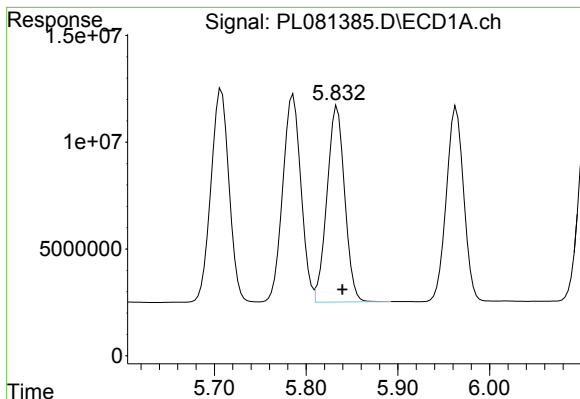
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: -0.005 min
Response: 138403371
Conc: 58.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.605 min
Delta R.T.: -0.007 min
Response: 127184396
Conc: 52.60 ng/ml



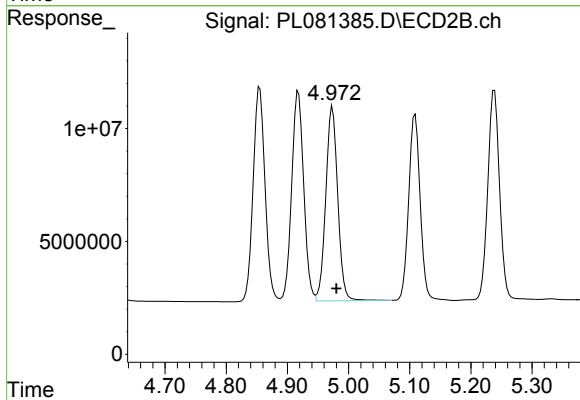
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.006 min
Response: 123367574
Conc: 58.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

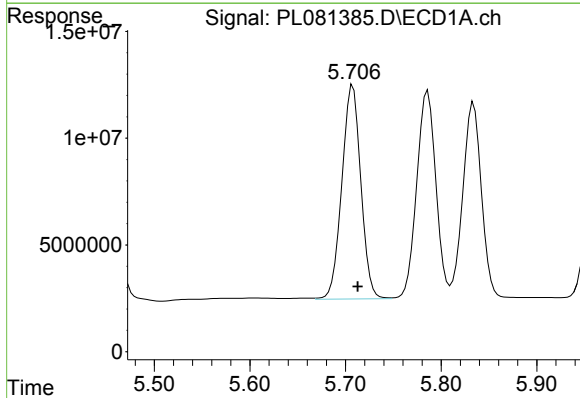
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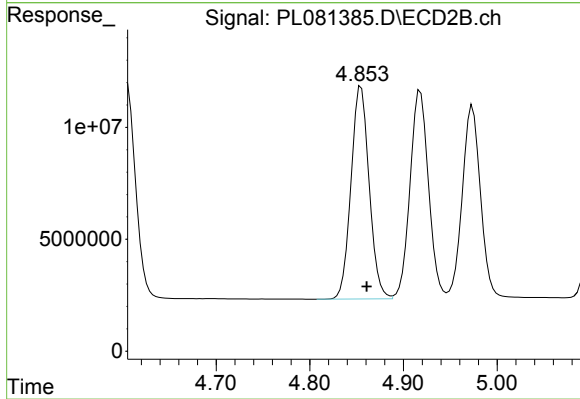
#9 Endosulfan I

R.T.: 4.974 min
Delta R.T.: -0.007 min
Response: 117182622
Conc: 51.77 ng/ml



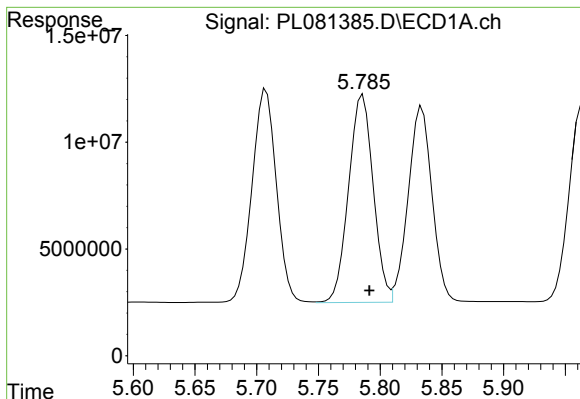
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 138443225
Conc: 60.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.855 min
Delta R.T.: -0.006 min
Response: 128157315
Conc: 52.36 ng/ml



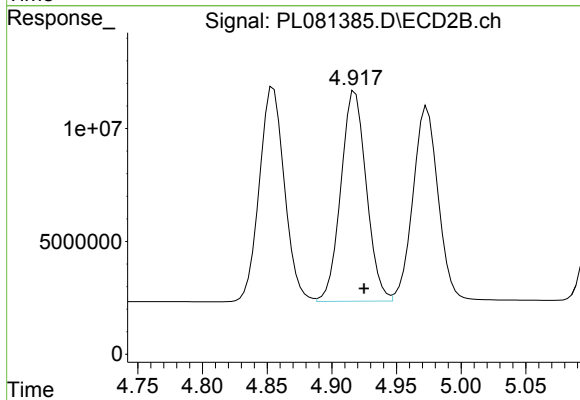
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 135037836
Conc: 59.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

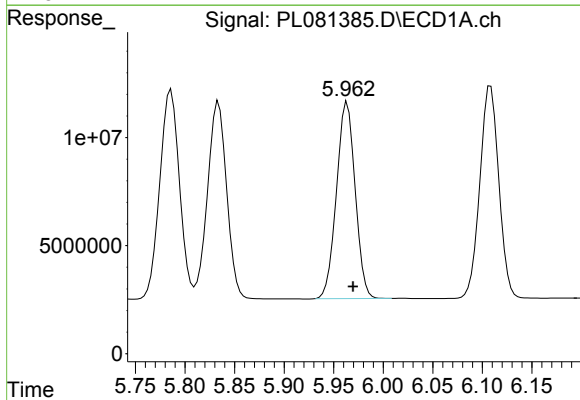
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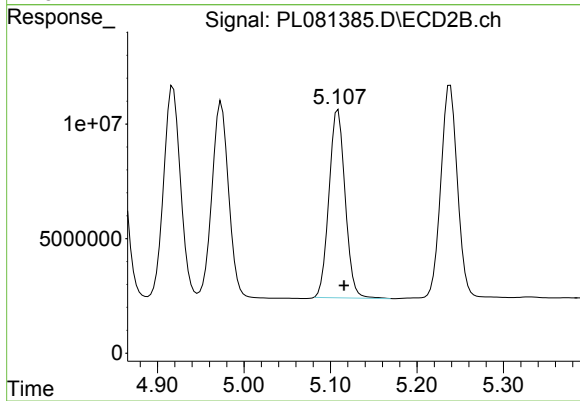
#11 alpha-Chlordane

R.T.: 4.918 min
Delta R.T.: -0.007 min
Response: 127425951
Conc: 52.04 ng/ml



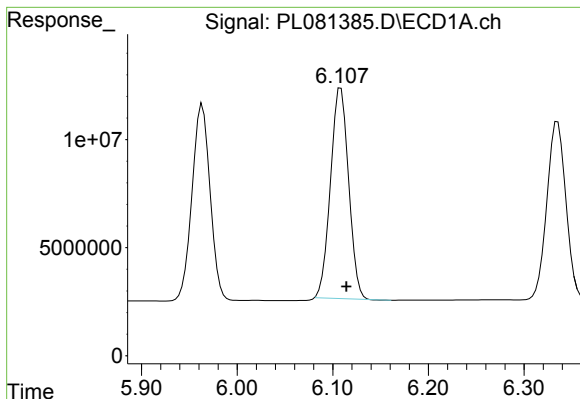
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: -0.006 min
Response: 119226082
Conc: 60.94 ng/ml



#12 4,4'-DDE

R.T.: 5.109 min
Delta R.T.: -0.007 min
Response: 106227488
Conc: 54.12 ng/ml



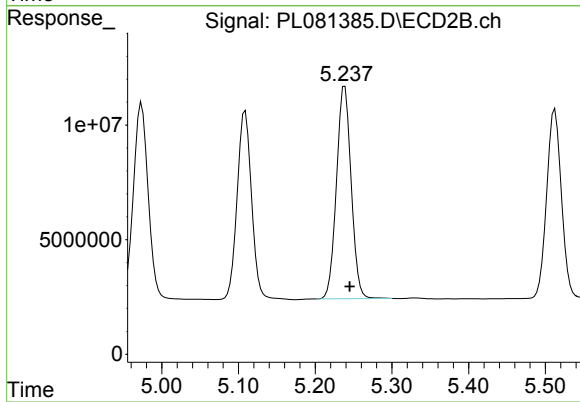
#13 Dieldrin

R.T.: 6.108 min
Delta R.T.: -0.006 min
Response: 127870651
Conc: 61.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

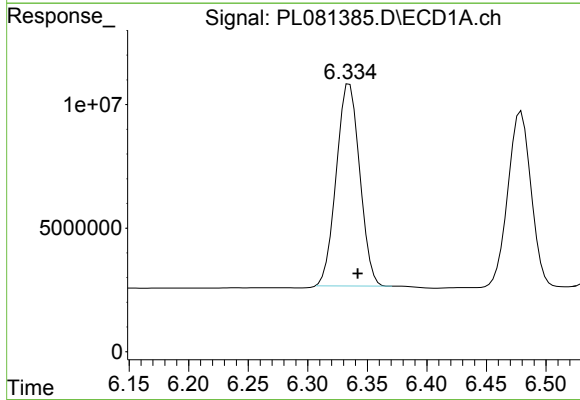
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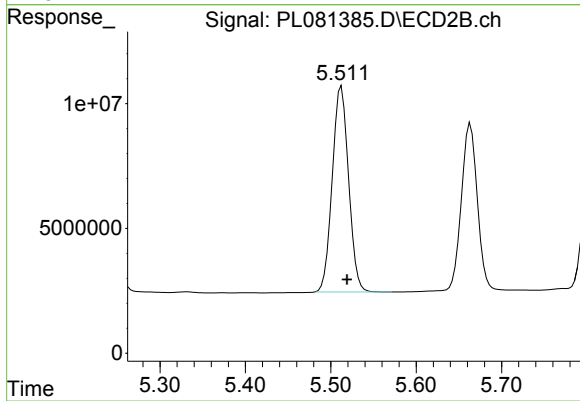
#13 Dieldrin

R.T.: 5.238 min
Delta R.T.: -0.006 min
Response: 123546185
Conc: 54.80 ng/ml



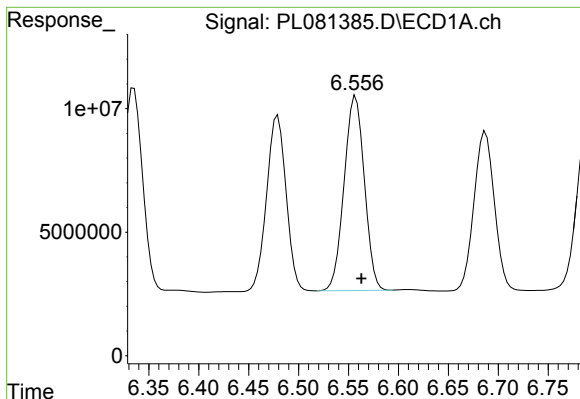
#14 Endrin

R.T.: 6.335 min
Delta R.T.: -0.007 min
Response: 111937942
Conc: 61.59 ng/ml



#14 Endrin

R.T.: 5.513 min
Delta R.T.: -0.007 min
Response: 109649906
Conc: 54.56 ng/ml



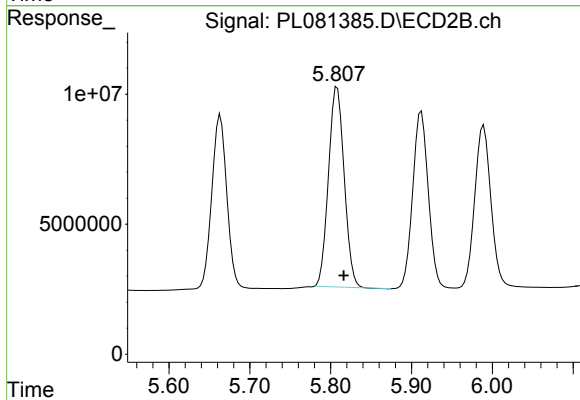
#15 Endosulfan II

R.T.: 6.557 min
Delta R.T.: -0.006 min
Response: 111024681
Conc: 63.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

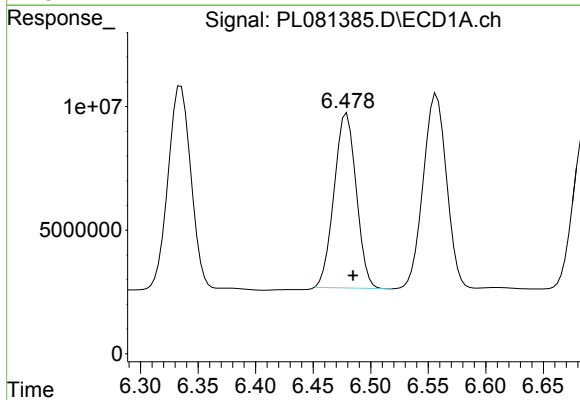
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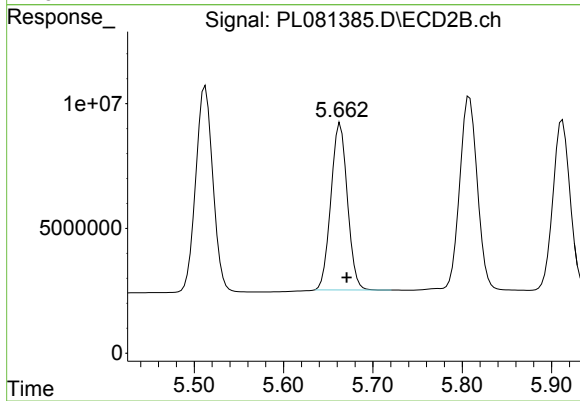
#15 Endosulfan II

R.T.: 5.808 min
Delta R.T.: -0.008 min
Response: 104159490
Conc: 56.49 ng/ml



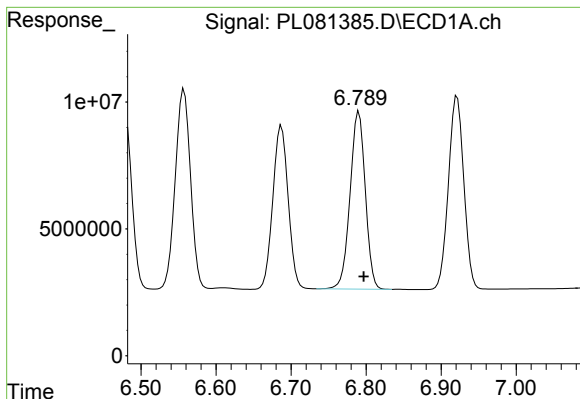
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: -0.005 min
Response: 94714907
Conc: 61.53 ng/ml



#16 4,4'-DDD

R.T.: 5.664 min
Delta R.T.: -0.007 min
Response: 85690160
Conc: 55.86 ng/ml



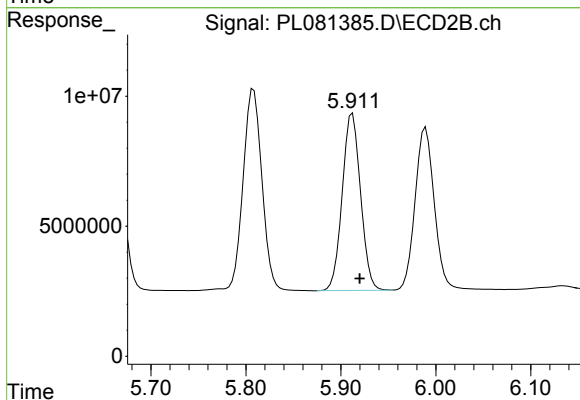
#17 4,4'-DDT

R.T.: 6.790 min
Delta R.T.: -0.006 min
Response: 98757350
Conc: 62.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

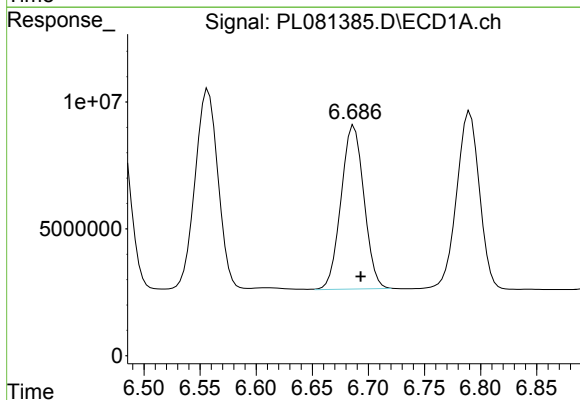
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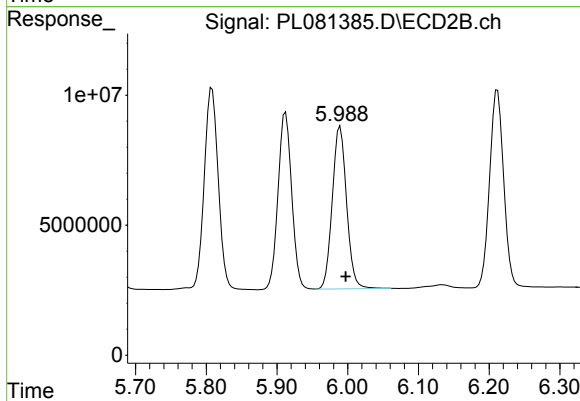
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.007 min
Response: 91434332
Conc: 56.99 ng/ml



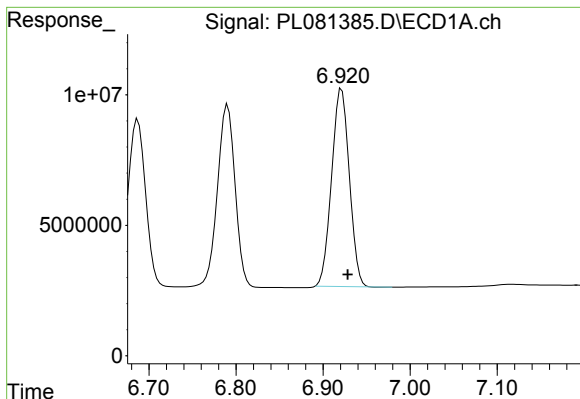
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 91498994
Conc: 63.92 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 87604952
Conc: 57.82 ng/ml



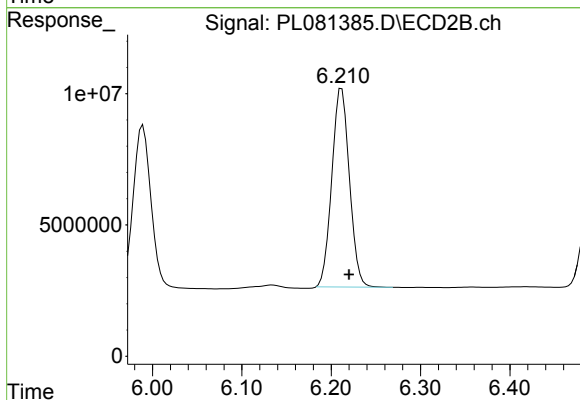
#19 Endosulfan Sulfate

R.T.: 6.921 min
Delta R.T.: -0.007 min
Response: 107291186
Conc: 59.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

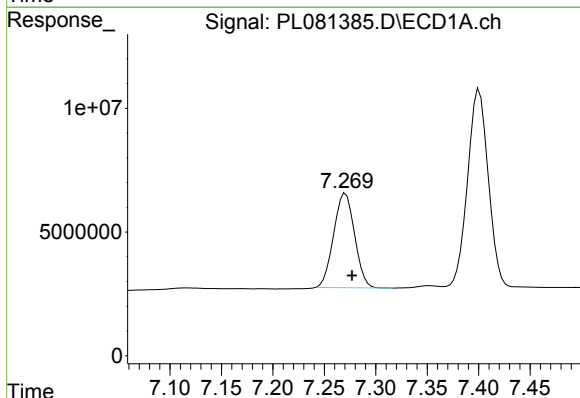
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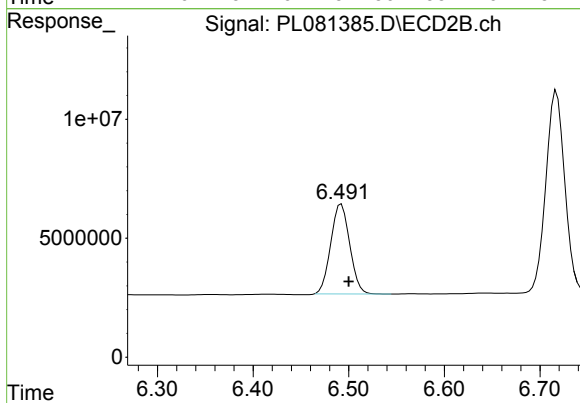
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 103552406
Conc: 53.88 ng/ml



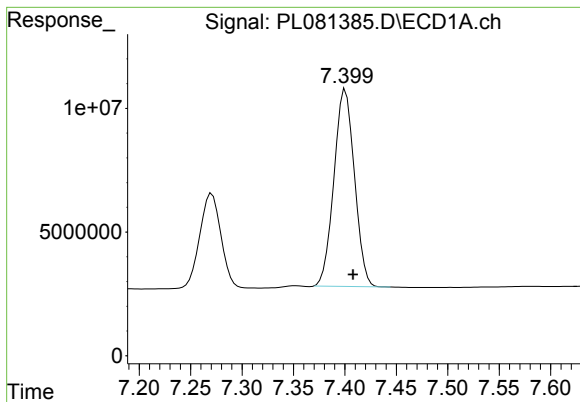
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.006 min
Response: 53913900
Conc: 62.59 ng/ml



#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 51981472
Conc: 56.01 ng/ml



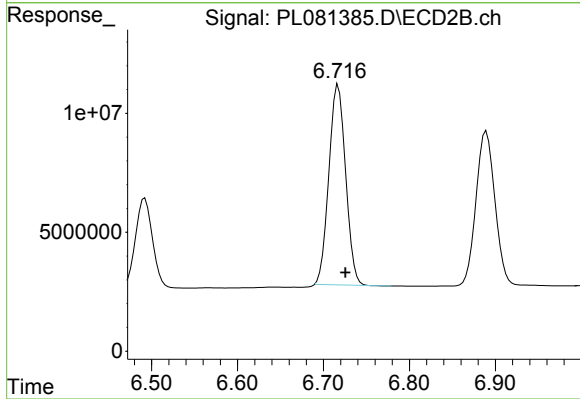
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.008 min
Response: 110545601
Conc: 60.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

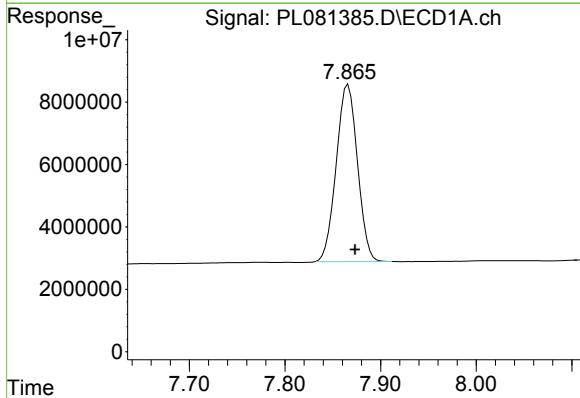
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



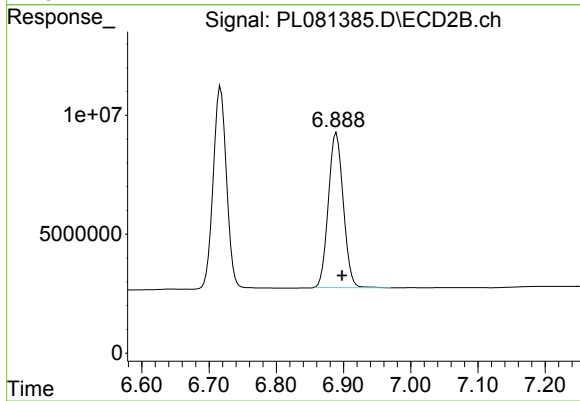
#21 Endrin ketone

R.T.: 6.717 min
Delta R.T.: -0.008 min
Response: 113714732
Conc: 52.81 ng/ml



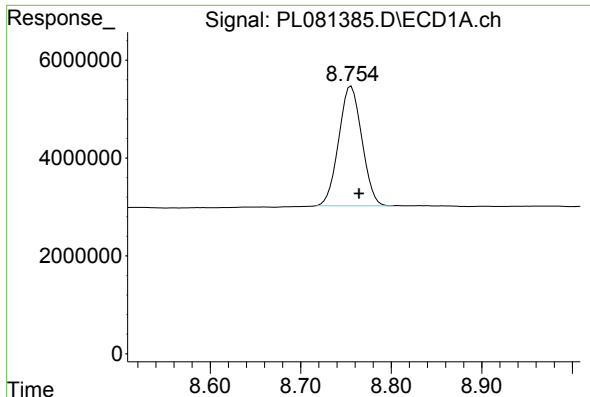
#22 Mirex

R.T.: 7.866 min
Delta R.T.: -0.007 min
Response: 87677448
Conc: 60.09 ng/ml



#22 Mirex

R.T.: 6.890 min
Delta R.T.: -0.008 min
Response: 99447843
Conc: 51.67 ng/ml



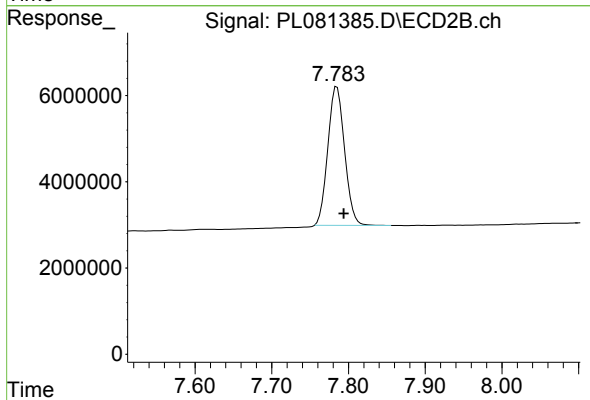
#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.009 min
Response: 43422221
Conc: 28.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



#28 Decachlorobiphenyl

R.T.: 7.785 min
Delta R.T.: -0.009 min
Response: 48716942
Conc: 25.43 ng/ml