Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111522\
Data File : PL079127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2022 16:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/16/2022
Supervised By :Ankita Jodhani 11/16/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 17:36:39 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 2022
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...	3.321	2.568	99672653	119.1E6	52.266	46.629
28)	SA Decachlor...	8.771	7.635	70940795	85821255	47.157	45.310
	Target Compounds						
2)	A alpha-BHC	3.782	3.054	158.7E6	185.6E6	55.270	46.994
3)	MA gamma-BHC...	4.115	3.375	146.8E6	170.6E6	54.946	47.477
4)	MA Heptachlor	4.685	3.702	140.8E6	160.8E6	54.241	46.371
5)	MB Aldrin	5.023	3.973	136.1E6	174.5E6	54.940	49.846
6)	B beta-BHC	4.330	3.675	63292269	67153686	54.943	46.802
7)	B delta-BHC	4.571	3.895	133.4E6	174.1E6	58.598	47.808
8)	B Heptachlo...	5.455	4.470	126.8E6	147.5E6	59.709m	48.935
9)	A Endosulfan I	5.841	4.832	115.3E6	135.7E6	54.036	47.389
10)	B gamma-Chl...	5.712	4.718	126.3E6	146.1E6	55.970	47.690
11)	B alpha-Chl...	5.788	4.779	124.1E6	143.0E6	53.650	47.978
12)	B 4,4'-DDE	5.972	4.974	108.3E6	130.5E6	54.114	47.938
13)	MA Dieldrin	6.119	5.094	114.5E6	140.8E6	53.085	47.503
14)	MA Endrin	6.349	5.365	95264594	118.7E6	50.197	45.566
15)	B Endosulfa...	6.579	5.662	89630795	112.1E6	47.773	49.257
16)	A 4,4'-DDD	6.497	5.524	92779582	119.3E6	55.656	54.317m
17)	MA 4,4'-DDT	6.806	5.771	75250442	92776924	41.985	42.772m
18)	B Endrin al...	6.711	5.840	72795622	86103686	50.029	45.878
19)	B Endosulfa...	6.944	6.063	91940280	114.6E6	49.969	48.134
20)	A Methoxychlor	7.291	6.349	39393187	49074331	42.777	43.245
21)	B Endrin ke...	7.429	6.559	96627765	130.7E6	51.360	50.556
22)	Mirex	7.886	6.731	69955391	92024403	47.921	46.761

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111522\
Data File : PL079127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2022 16:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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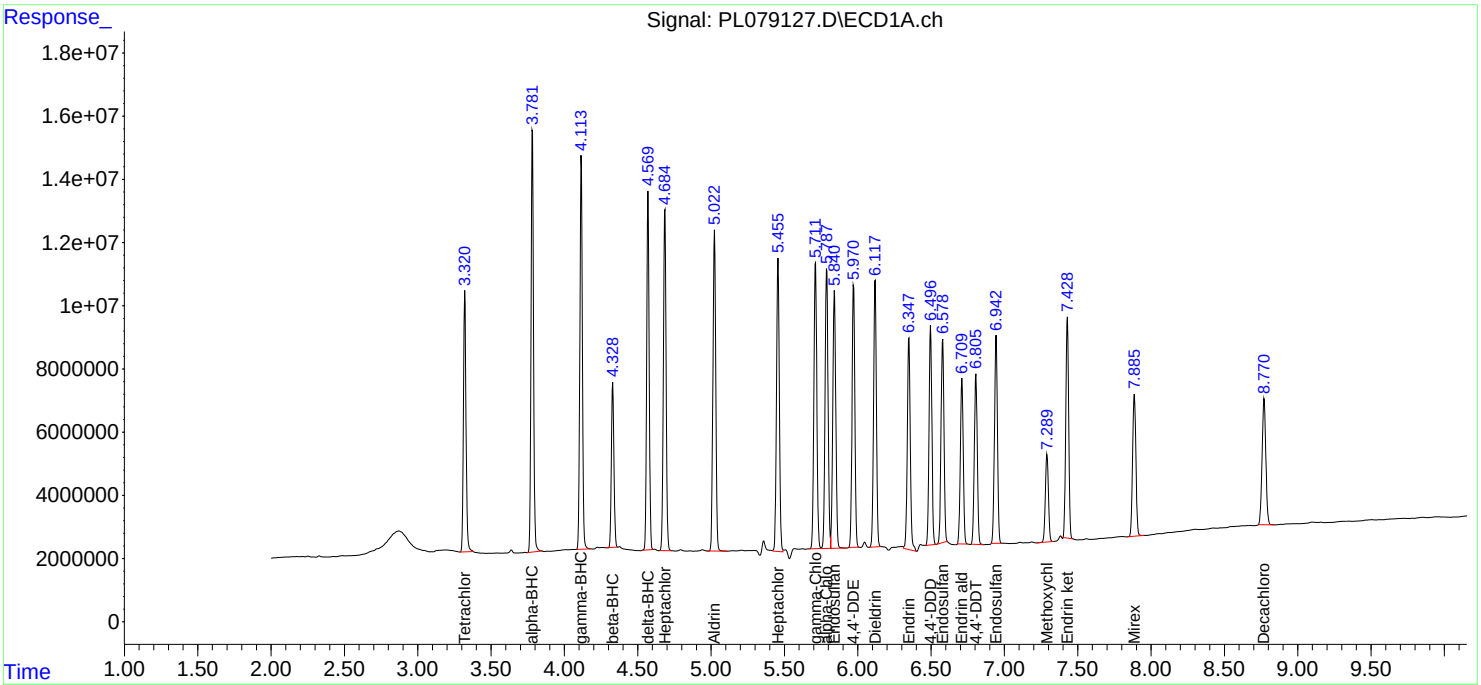
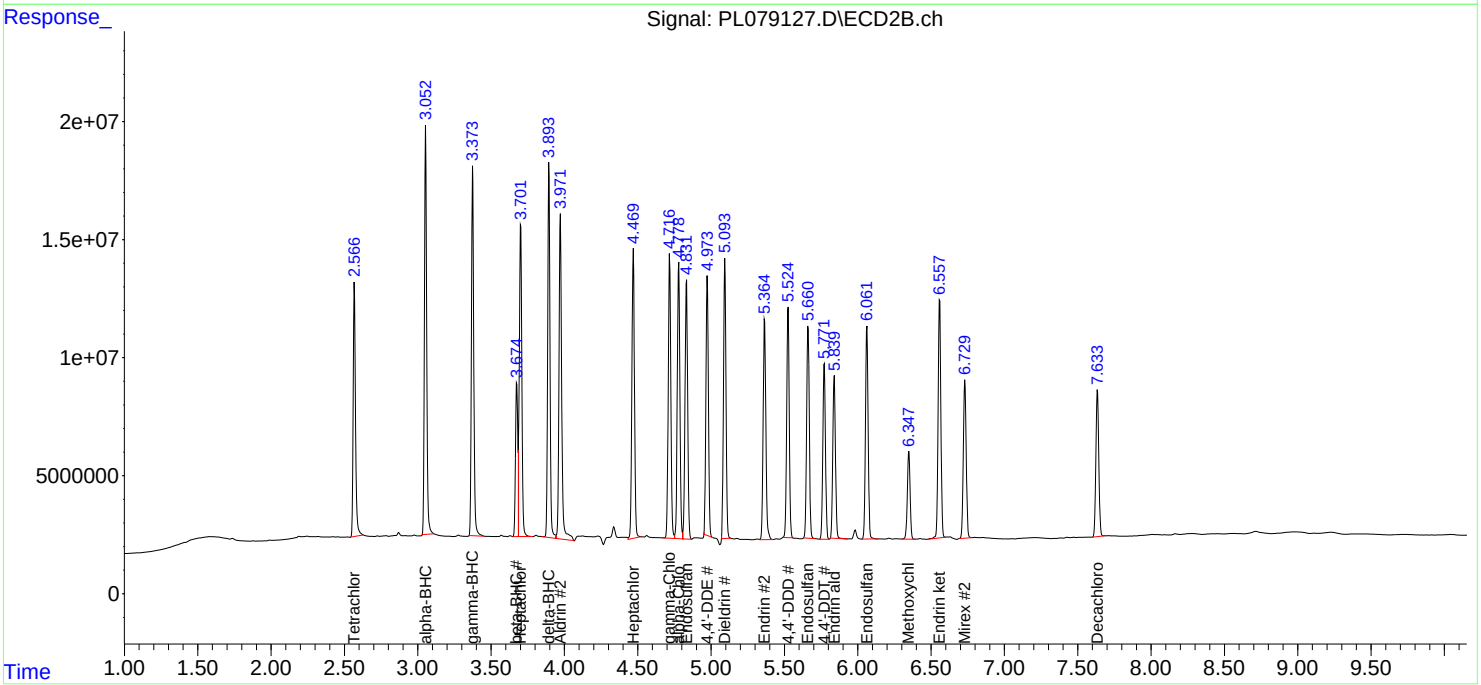
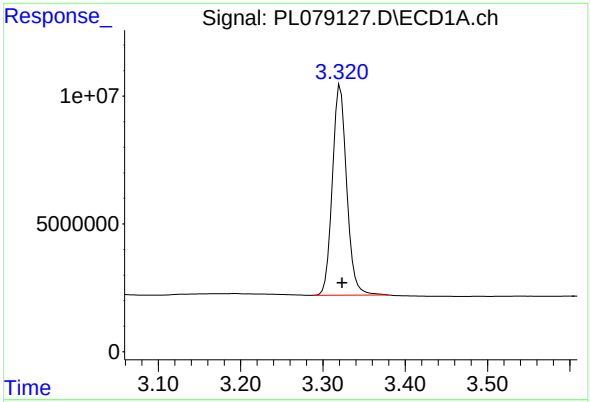
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 17:36:39 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 2022
Response via : Initial Calibration
Integrator: ChemStation

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.: 3.321 min
Delta R.T.: -0.002 min
Response: 99672653
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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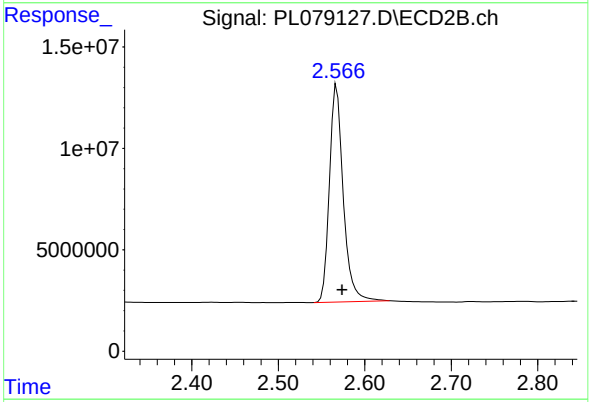
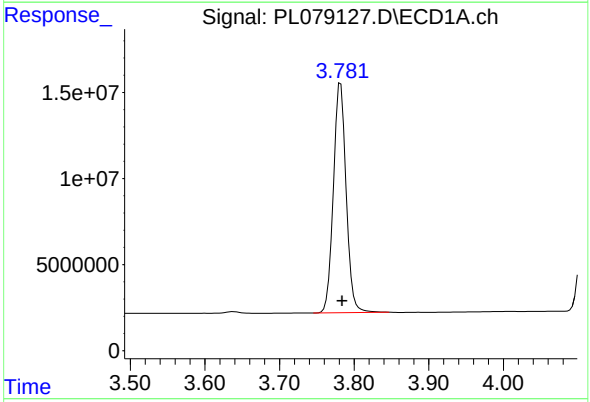


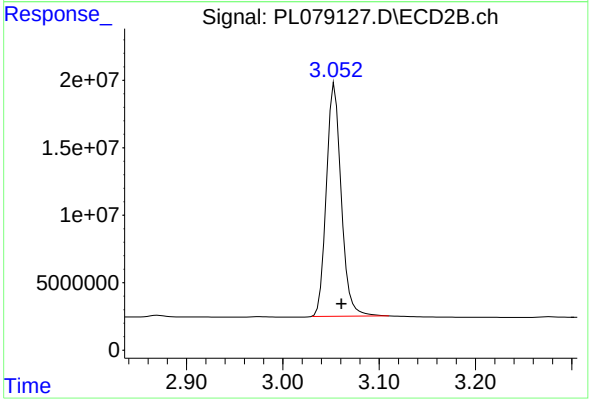
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: -0.006 min
Response: 119052559
Conc: 46.63 ng/ml



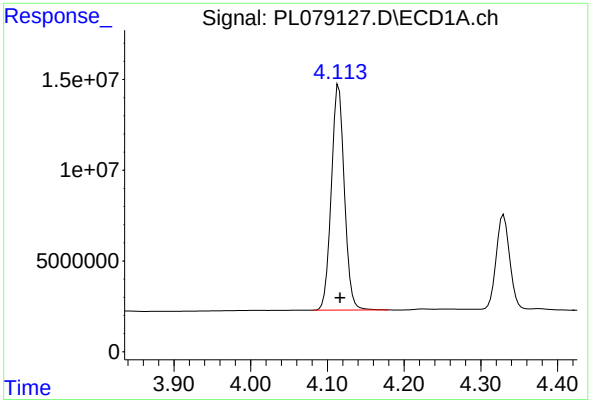
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 158701280
Conc: 55.27 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: -0.007 min
Response: 185581152
Conc: 46.99 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.115 min
Delta R.T.: -0.002 min
Response: 146801839
Conc: 54.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

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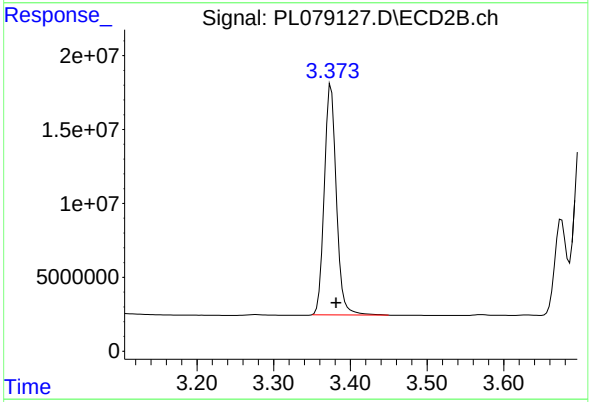
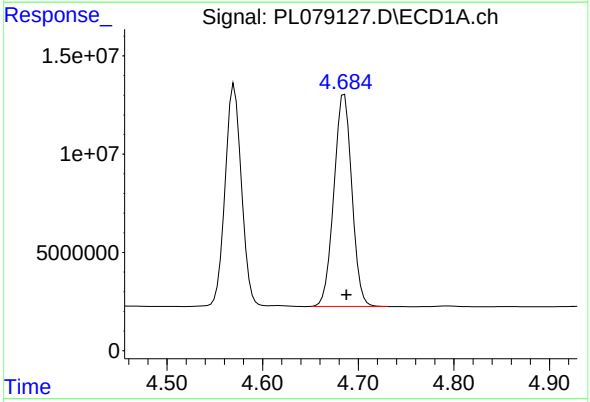


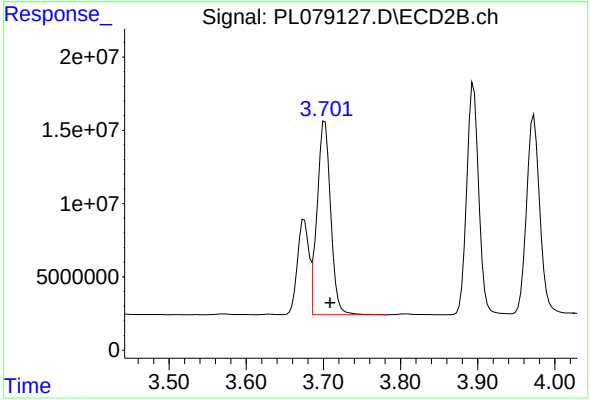
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: -0.007 min
Response: 170639838
Conc: 47.48 ng/ml



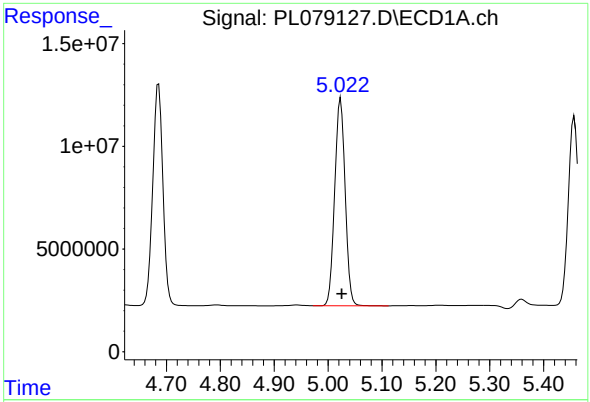
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 140809552
Conc: 54.24 ng/ml



#4 Heptachlor

R.T.: 3.702 min
Delta R.T.: -0.007 min
Response: 160805227
Conc: 46.37 ng/ml



#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.002 min
Response: 136070022
Conc: 54.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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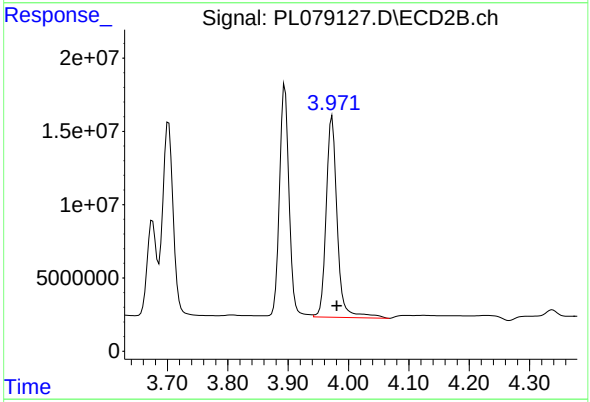
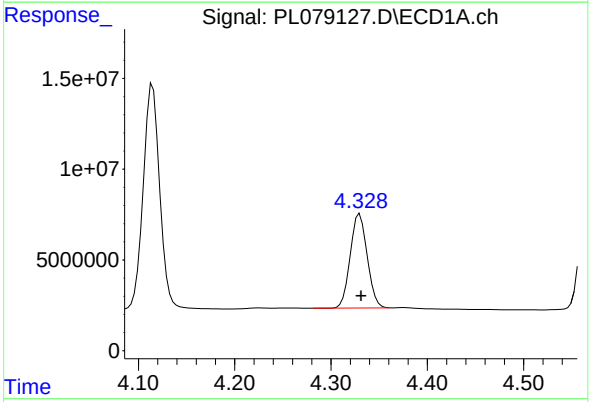


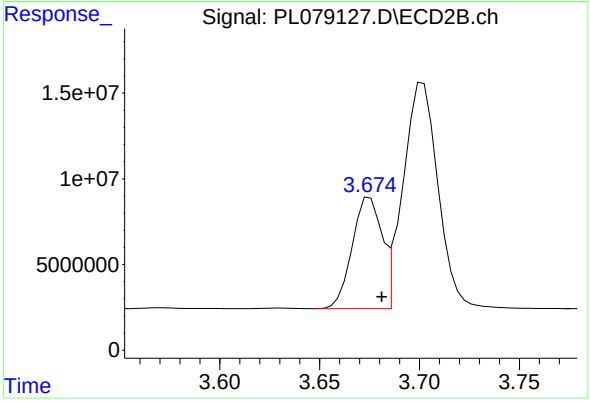
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: -0.007 min
Response: 174544850
Conc: 49.85 ng/ml



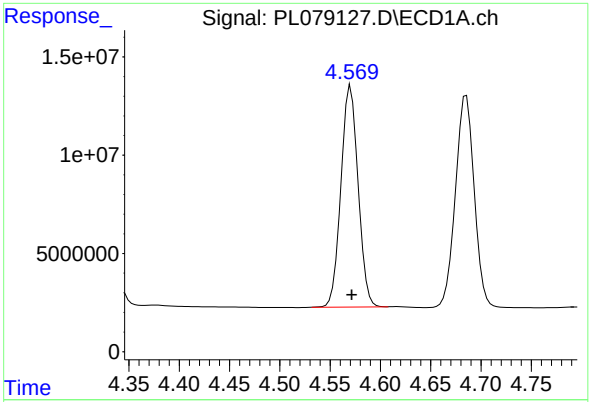
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: -0.001 min
Response: 63292269
Conc: 54.94 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 67153686
Conc: 46.80 ng/ml



#7 delta-BHC

R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 133419653
Conc: 58.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

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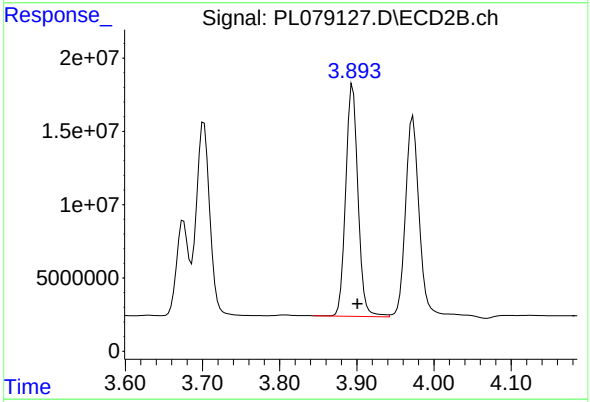
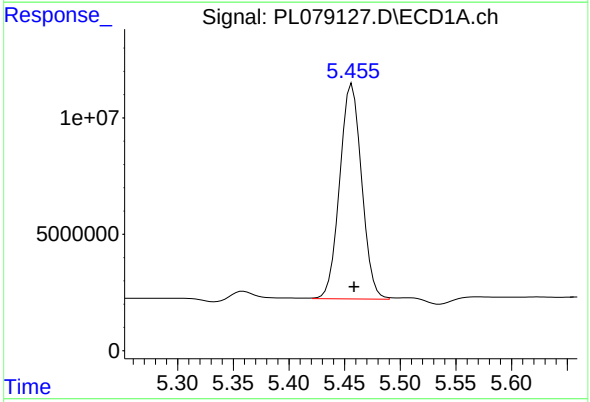


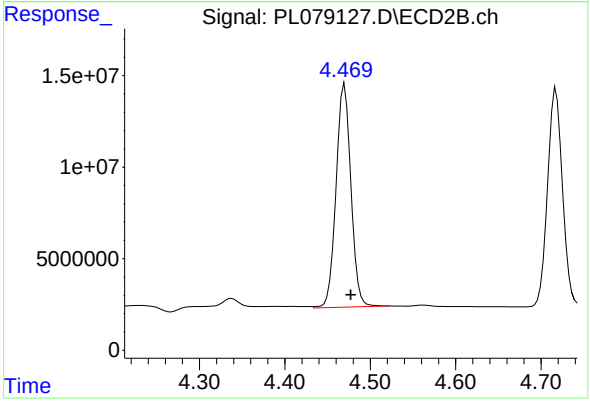
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 174083029
Conc: 47.81 ng/ml



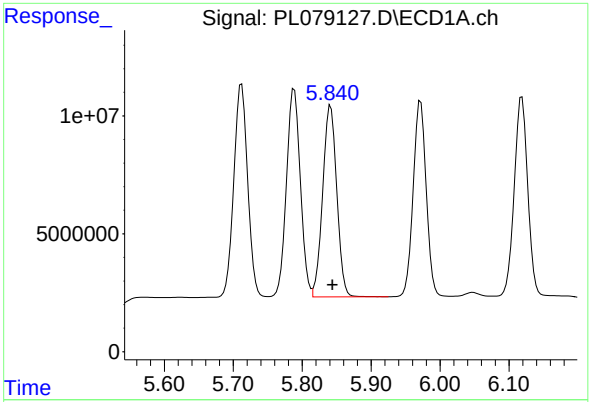
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: -0.003 min
Response: 126763787
Conc: 59.71 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.007 min
Response: 147453640
Conc: 48.94 ng/ml



#9 Endosulfan I

R.T.: 5.841 min
Delta R.T.: -0.003 min
Response: 115289366
Conc: 54.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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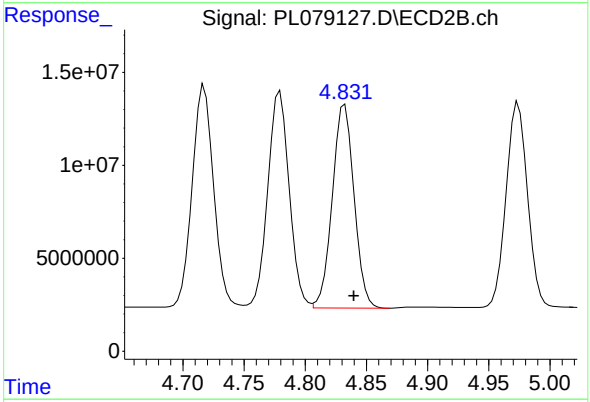
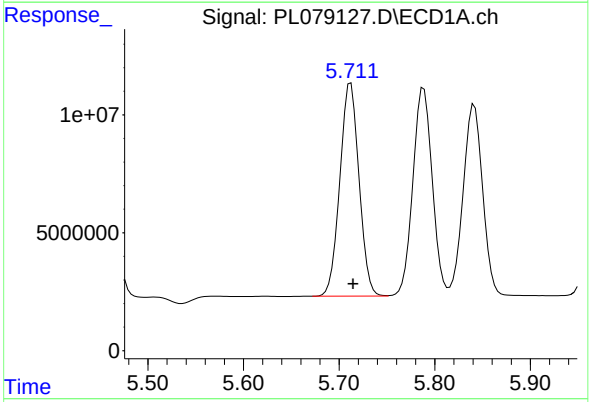


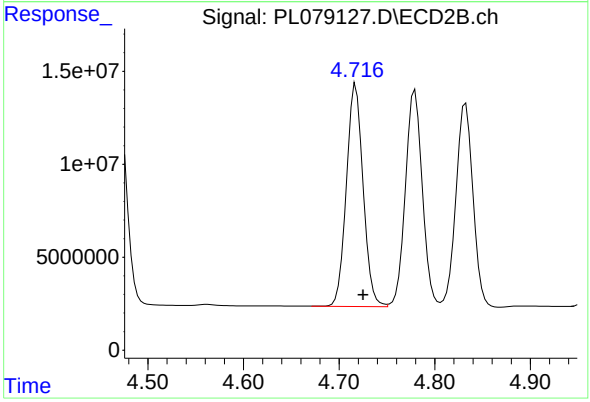
#9 Endosulfan I

R.T.: 4.832 min
Delta R.T.: -0.007 min
Response: 135658140
Conc: 47.39 ng/ml



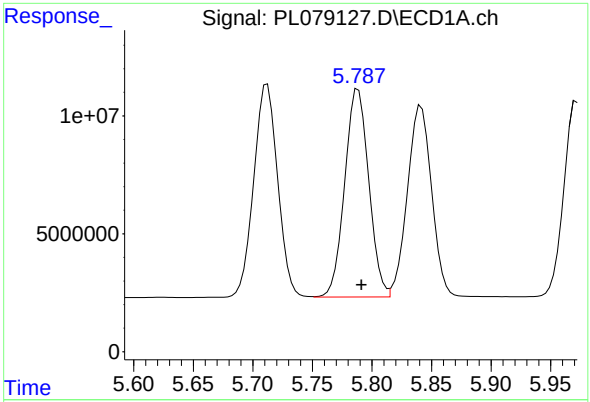
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 126332415
Conc: 55.97 ng/ml



#10 gamma-Chlordane

R.T.: 4.718 min
Delta R.T.: -0.008 min
Response: 146142346
Conc: 47.69 ng/ml



#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 124135083
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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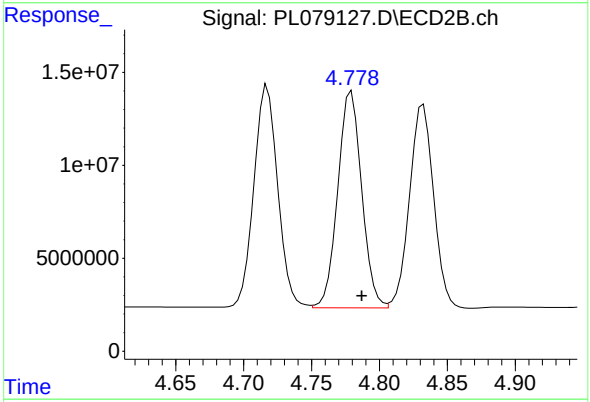
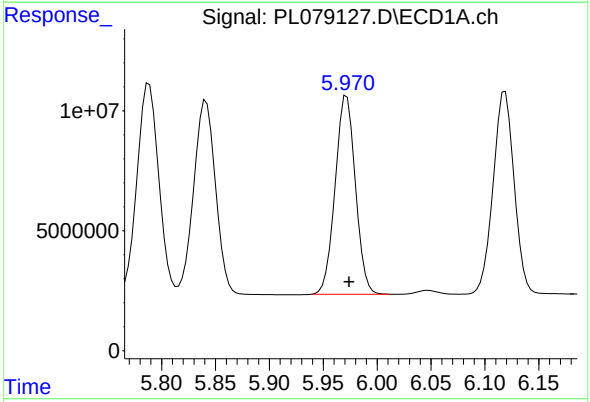


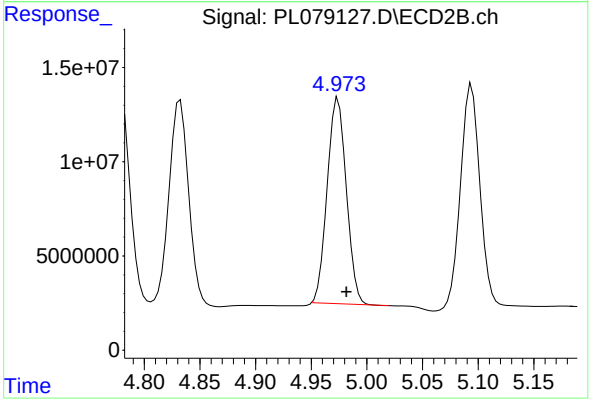
#11 alpha-Chlordane

R.T.: 4.779 min
Delta R.T.: -0.007 min
Response: 142992079
Conc: 47.98 ng/ml



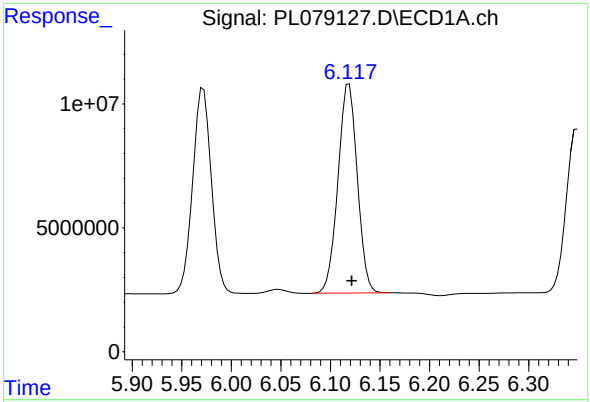
#12 4,4'-DDE

R.T.: 5.972 min
Delta R.T.: -0.002 min
Response: 108301226
Conc: 54.11 ng/ml



#12 4,4'-DDE

R.T.: 4.974 min
Delta R.T.: -0.008 min
Response: 130512878
Conc: 47.94 ng/ml



#13 Dieldrin

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 114477986
Conc: 53.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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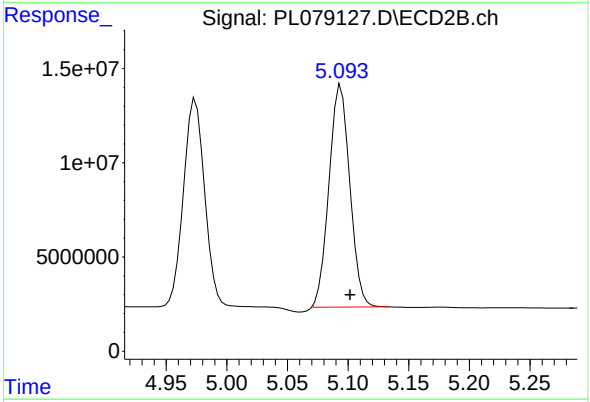
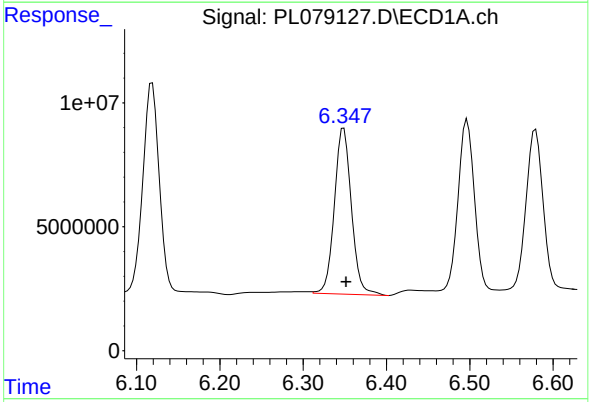


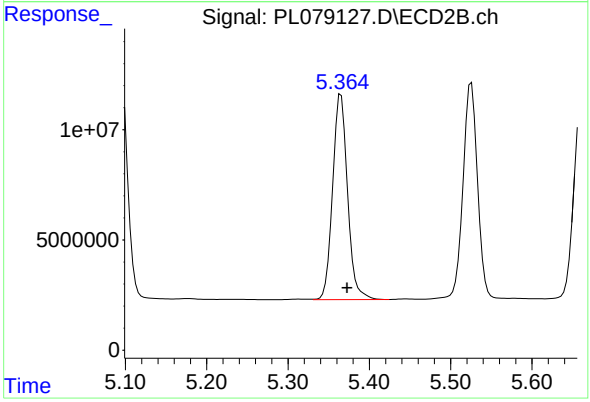
#13 Dieldrin

R.T.: 5.094 min
Delta R.T.: -0.008 min
Response: 140756051
Conc: 47.50 ng/ml



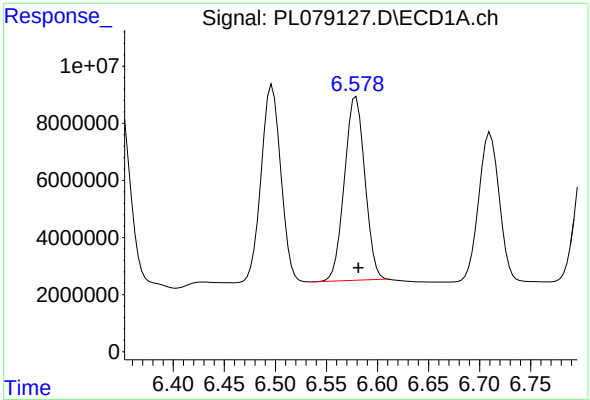
#14 Endrin

R.T.: 6.349 min
Delta R.T.: -0.003 min
Response: 95264594
Conc: 50.20 ng/ml



#14 Endrin

R.T.: 5.365 min
Delta R.T.: -0.007 min
Response: 118709606
Conc: 45.57 ng/ml



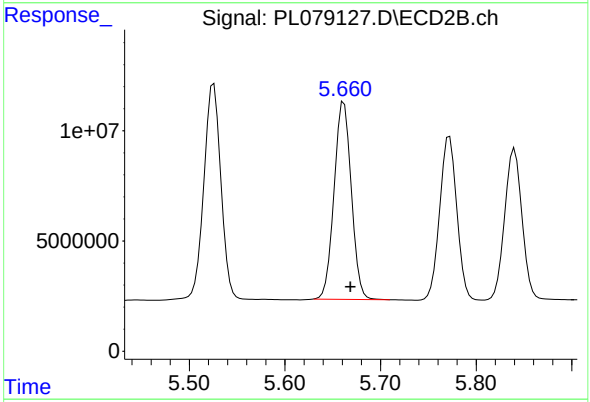
#15 Endosulfan II

R.T.: 6.579 min
Delta R.T.: -0.002 min
Response: 89630795
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

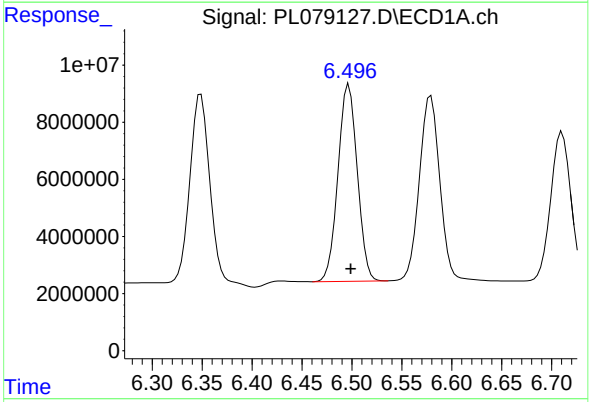
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/16/2022
Supervised By :Ankita Jodhani 11/16/2022



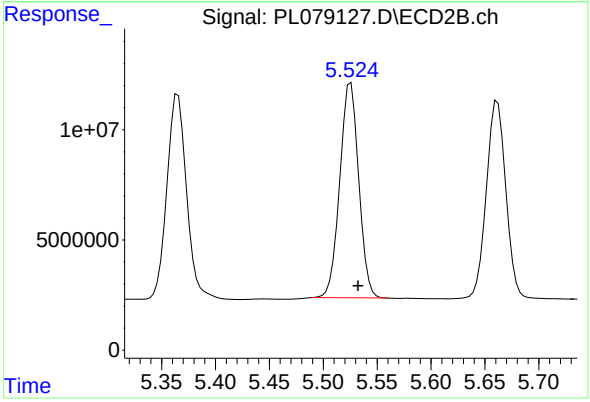
#15 Endosulfan II

R.T.: 5.662 min
Delta R.T.: -0.007 min
Response: 112123156
Conc: 49.26 ng/ml



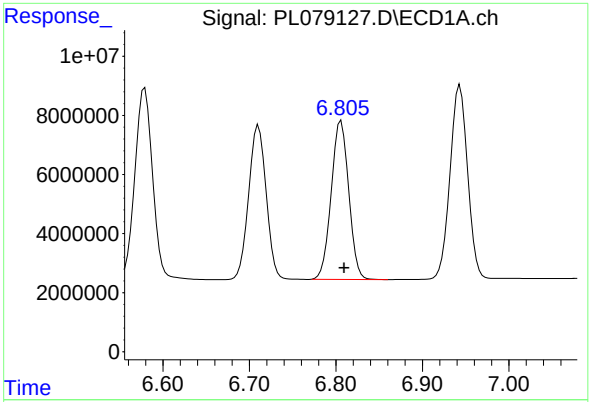
#16 4,4'-DDD

R.T.: 6.497 min
Delta R.T.: -0.002 min
Response: 92779582
Conc: 55.66 ng/ml



#16 4,4'-DDD

R.T.: 5.524 min
Delta R.T.: -0.008 min
Response: 119300219
Conc: 54.32 ng/ml m



#17 4,4'-DDT

R.T.: 6.806 min
Delta R.T.: -0.003 min
Response: 75250442
Conc: 41.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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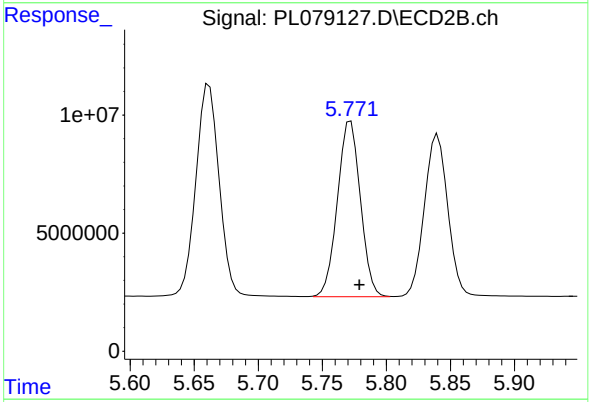
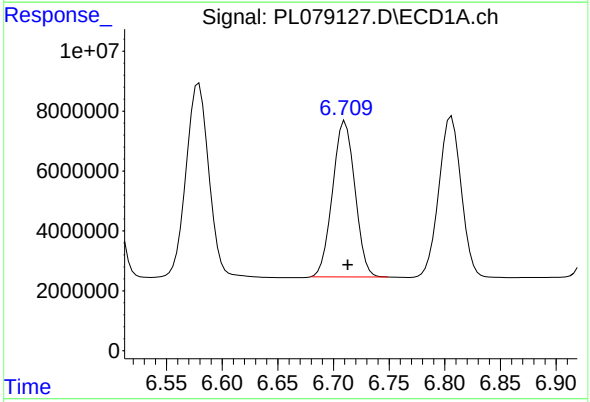


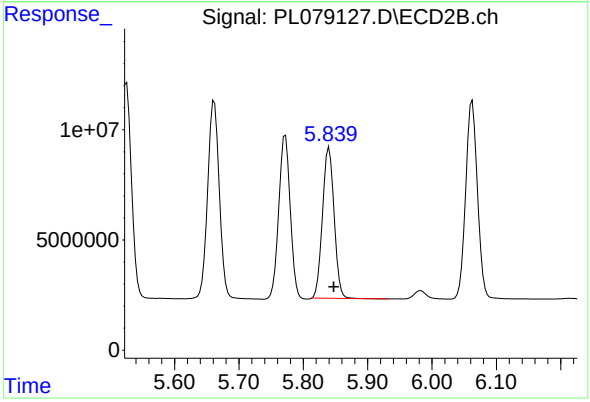
#17 4,4'-DDT

R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 92776924
Conc: 42.77 ng/ml m



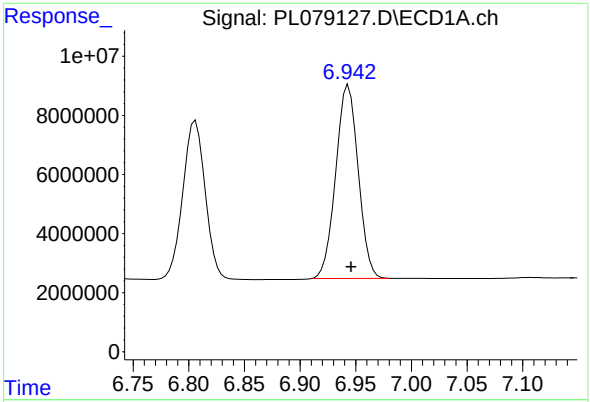
#18 Endrin aldehyde

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 72795622
Conc: 50.03 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: -0.007 min
Response: 86103686
Conc: 45.88 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 91940280
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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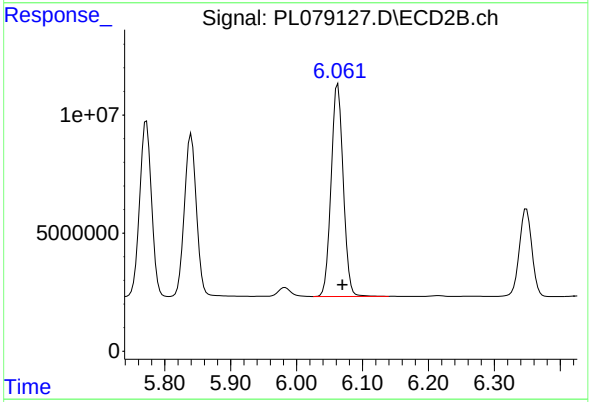
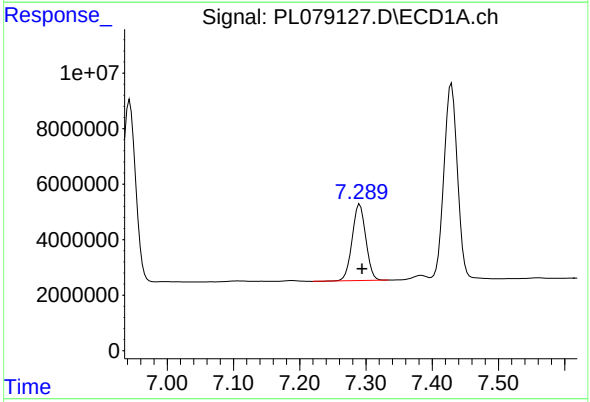


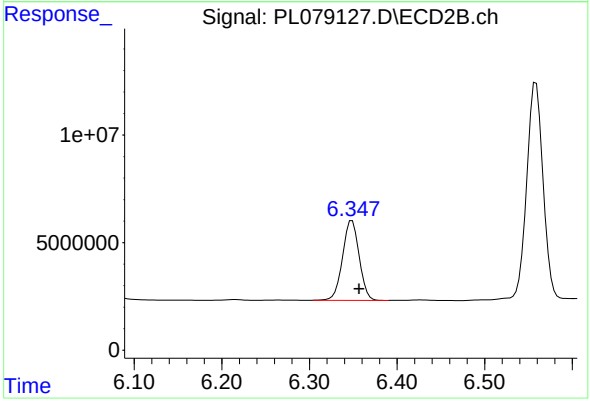
#19 Endosulfan Sulfate

R.T.: 6.063 min
Delta R.T.: -0.007 min
Response: 114581740
Conc: 48.13 ng/ml



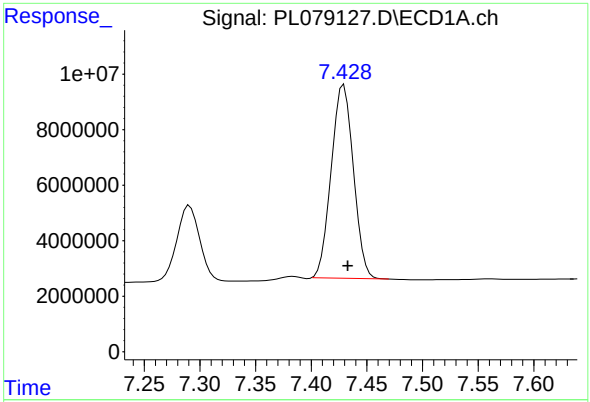
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 39393187
Conc: 42.78 ng/ml



#20 Methoxychlor

R.T.: 6.349 min
Delta R.T.: -0.008 min
Response: 49074331
Conc: 43.25 ng/ml



#21 Endrin ketone

R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 96627765
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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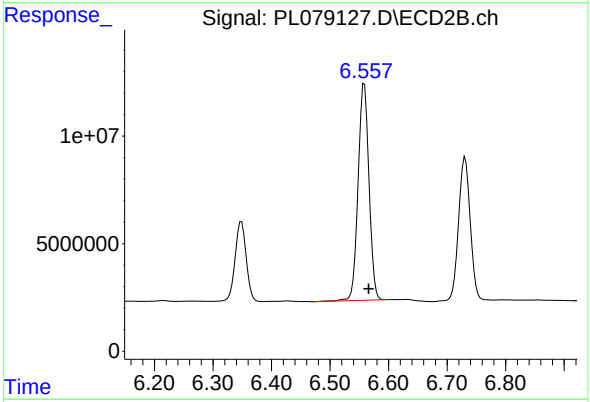
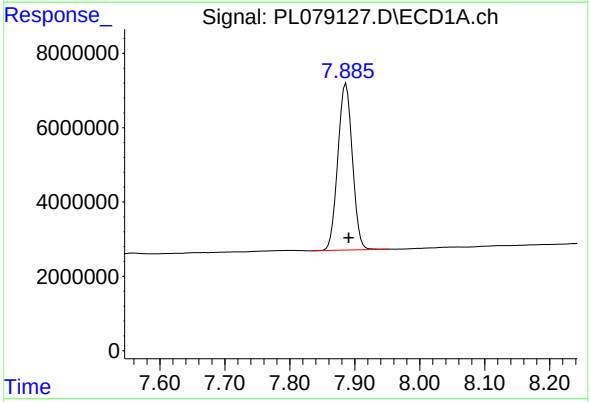


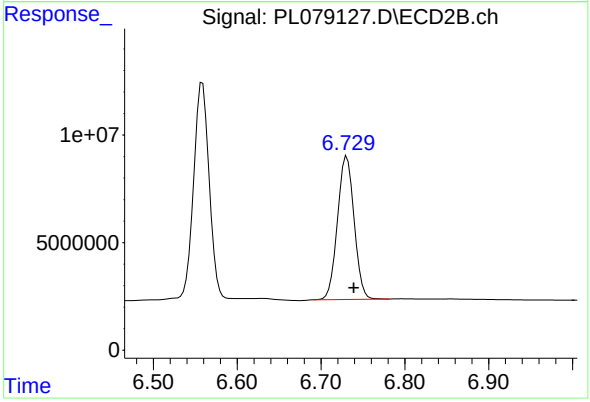
#21 Endrin ketone

R.T.: 6.559 min
Delta R.T.: -0.008 min
Response: 130673667
Conc: 50.56 ng/ml



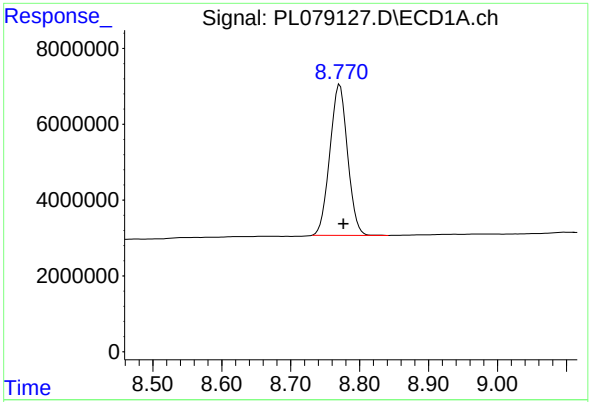
#22 Mirex

R.T.: 7.886 min
Delta R.T.: -0.004 min
Response: 69955391
Conc: 47.92 ng/ml



#22 Mirex

R.T.: 6.731 min
Delta R.T.: -0.008 min
Response: 92024403
Conc: 46.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: -0.005 min
Response: 70940795
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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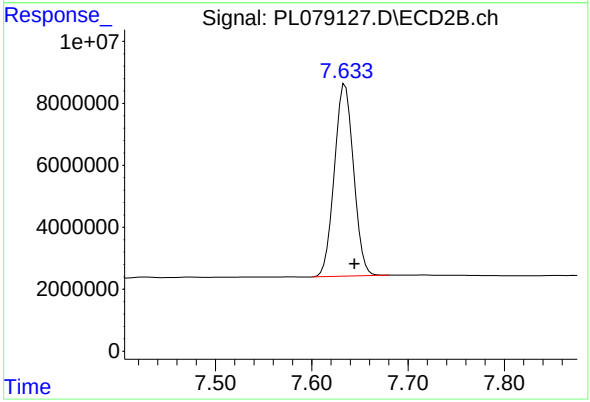

#28 Decachlorobiphenyl

R.T.: 7.635 min
Delta R.T.: -0.010 min
Response: 85821255
Conc: 45.31 ng/ml