

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053123\
 Data File : PL083134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2023 18:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/01/2023
 Supervised By :Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 05:12:38 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...	3.315	2.635	135.9E6	124.8E6	46.253	48.073
2)	SA Decachlor...	8.729	7.737	103.7E6	122.3E6	49.466	49.172
Target Compounds							
2)	A alpha-BHC	3.764	3.131	210.3E6	180.5E6	47.365	48.373
3)	MA gamma-BHC...	4.092	3.457	195.4E6	165.9E6	47.177	49.770
4)	MA Heptachlor	4.669	3.788	182.9E6	169.9E6	47.854	46.395
5)	MB Aldrin	5.006	4.064	173.5E6	158.2E6	49.325	48.623
6)	B beta-BHC	4.296	3.758	87854125	70796119	46.663	49.505
7)	B delta-BHC	4.537	3.983	195.0E6	164.8E6	56.705	50.299
8)	B Heptachlo...	5.431	4.565	156.5E6	143.9E6	48.931	48.480
9)	A Endosulfan I	5.812	4.931	145.4E6	133.4E6	48.448	47.742
10)	B gamma-Chl...	5.684	4.813	157.0E6	146.9E6	49.410m	48.923
11)	B alpha-Chl...	5.764	4.876	157.1E6	146.6E6	48.954	48.841
12)	B 4,4'-DDE	5.943	5.065	138.9E6	125.1E6	50.380	51.500m
13)	MA Dieldrin	6.086	5.195	148.1E6	137.8E6	49.232	48.827
14)	MA Endrin	6.313	5.469	125.9E6	118.4E6	46.858	46.651
15)	B Endosulfa...	6.536	5.766	122.6E6	115.6E6	46.032	46.726
16)	A 4,4'-DDD	6.458	5.620	117.7E6	104.9E6	54.170	54.545
17)	MA 4,4'-DDT	6.769	5.867	113.6E6	103.5E6	45.363	46.386m
18)	B Endrin al...	6.665	5.946	99898450	93172362	49.685m	47.117
19)	B Endosulfa...	6.900	6.168	126.0E6	119.3E6	49.144	48.710
20)	A Methoxychlor	7.250	6.447	60501189	58053475	45.752	45.649
21)	B Endrin ke...	7.380	6.670	131.0E6	133.7E6	51.342	49.440m
22)	Mirex	7.843	6.843	100.5E6	110.0E6	47.955	47.024

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053123\
Data File : PL083134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 May 2023 18:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

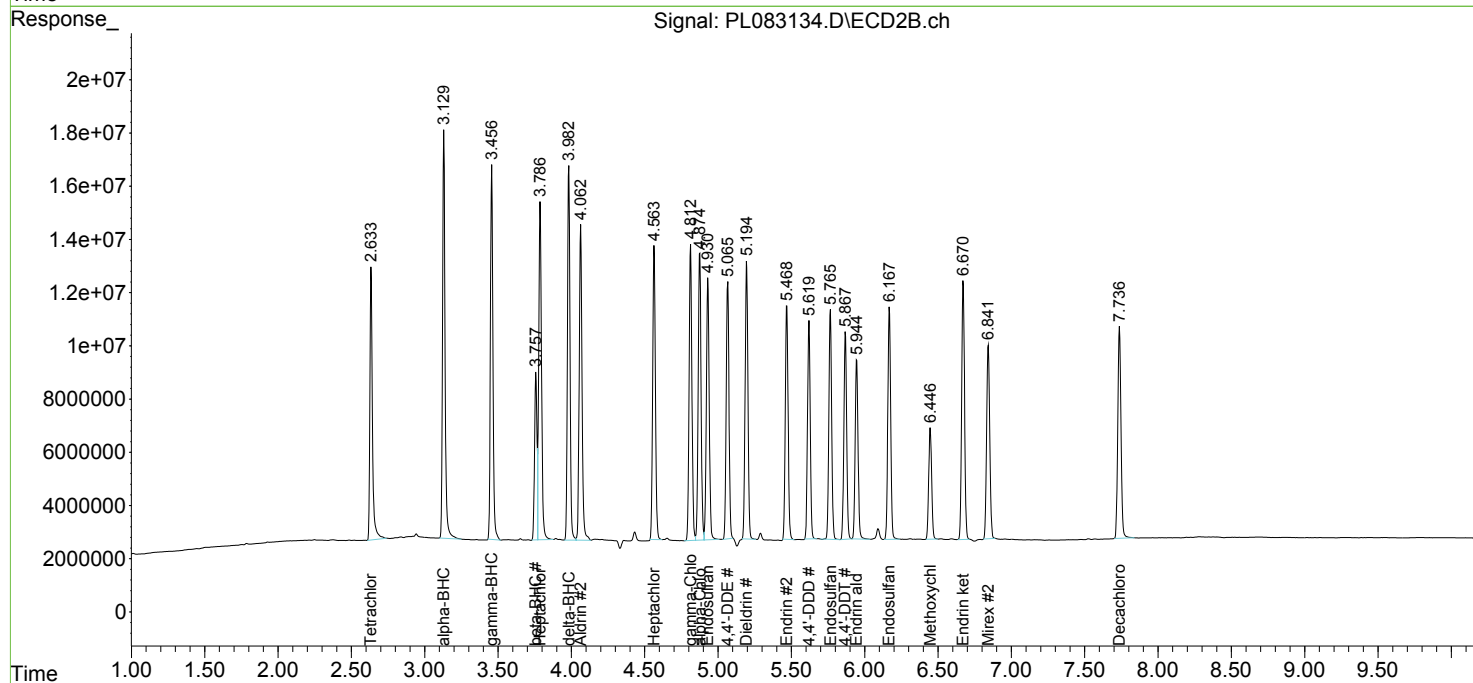
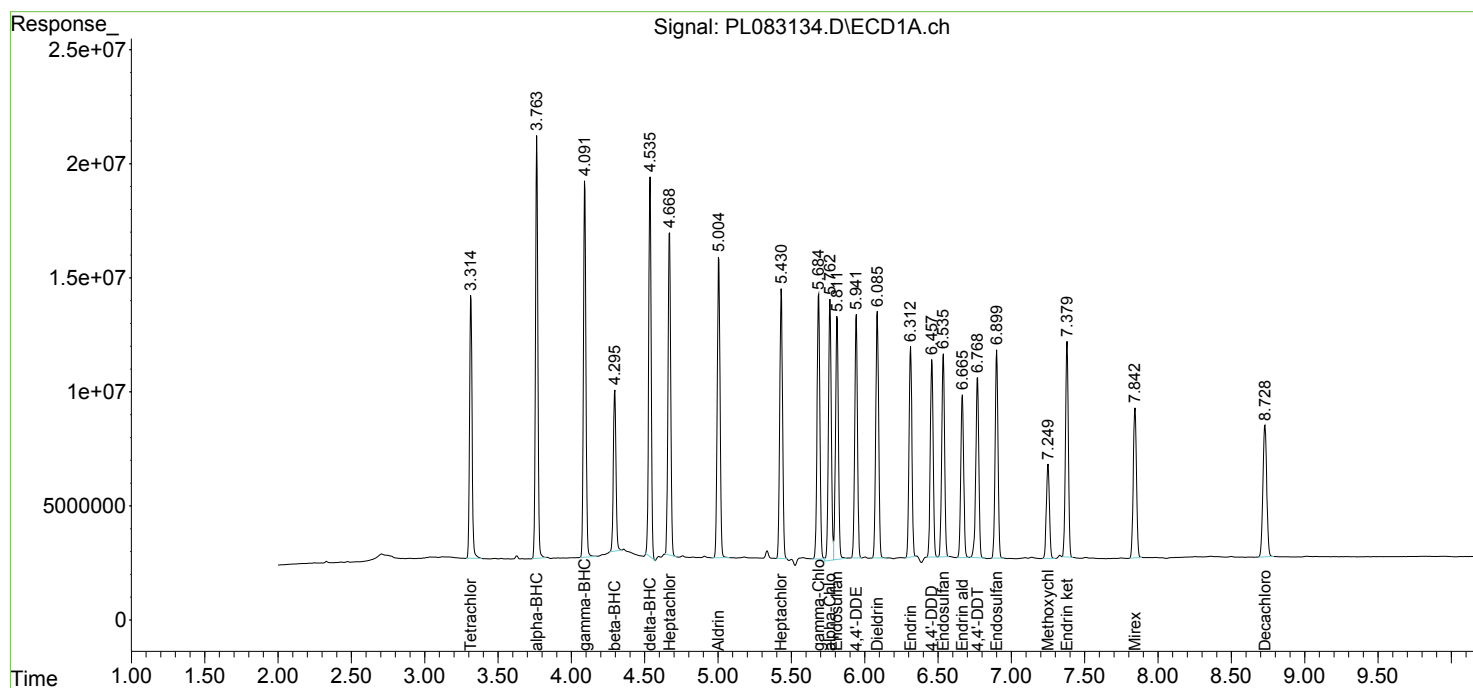
APPROVED

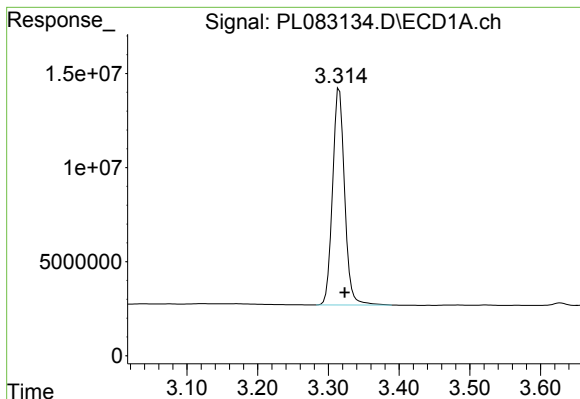
Reviewed By :Abdul Mirza 06/01/2023

Supervised By :Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 05:12:38 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





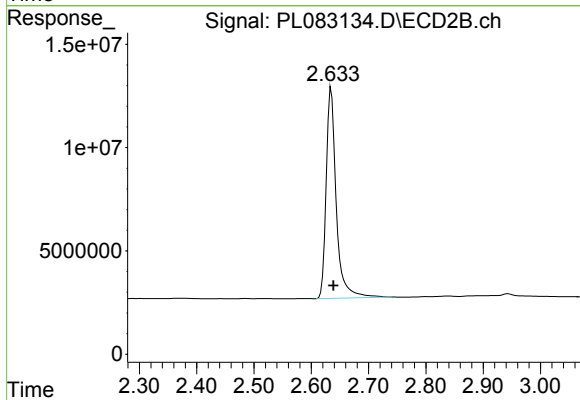
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 135937626
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

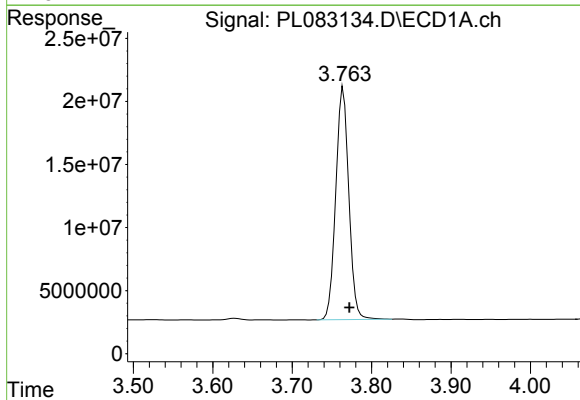
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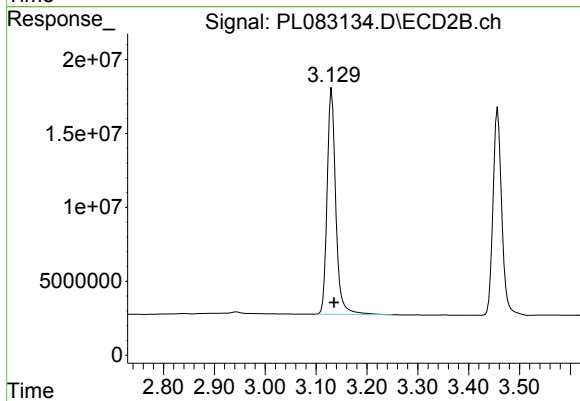
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 124802488
Conc: 48.07 ng/ml



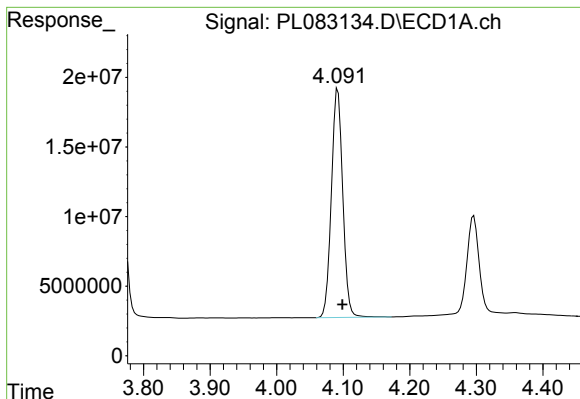
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 210263548
Conc: 47.36 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.004 min
Response: 180500990
Conc: 48.37 ng/ml



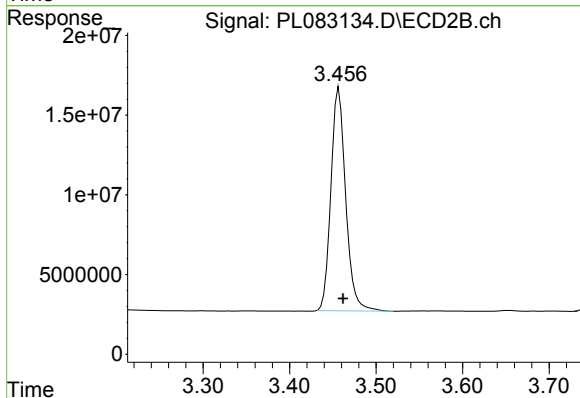
#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 195448857
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

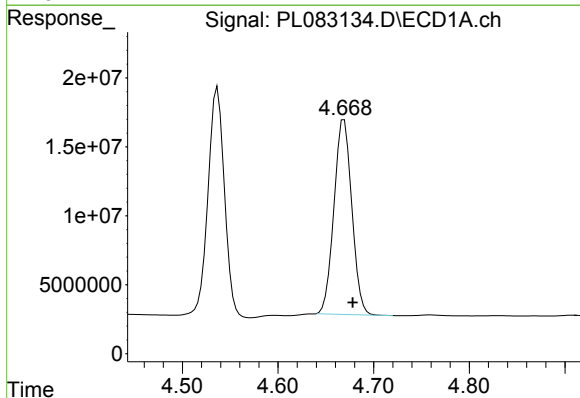
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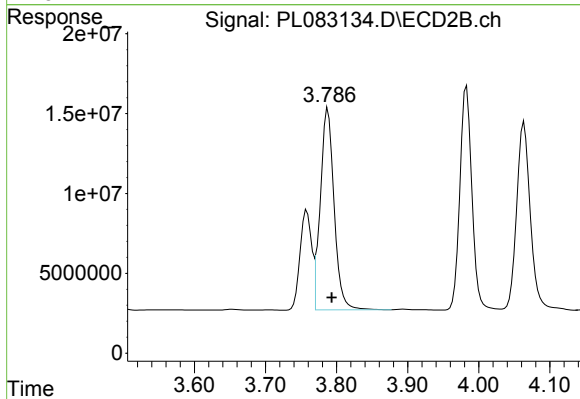
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.005 min
Response: 165898491
Conc: 49.77 ng/ml



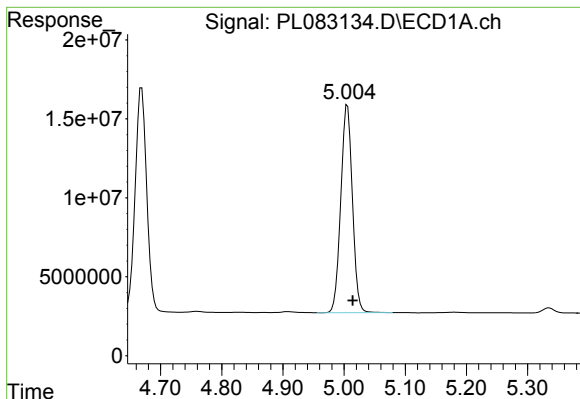
#4 Heptachlor

R.T.: 4.669 min
Delta R.T.: -0.009 min
Response: 182918495
Conc: 47.85 ng/ml



#4 Heptachlor

R.T.: 3.788 min
Delta R.T.: -0.005 min
Response: 169855811
Conc: 46.39 ng/ml



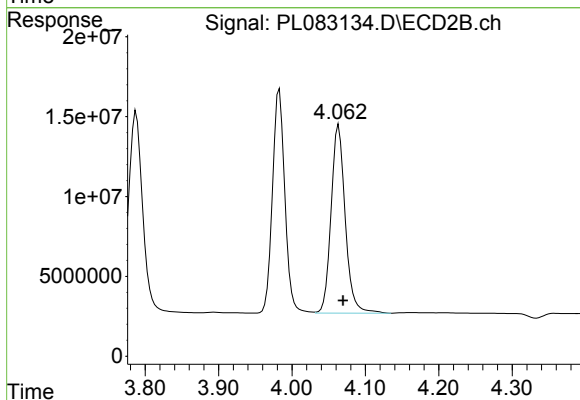
#5 Aldrin

R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 173529713
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

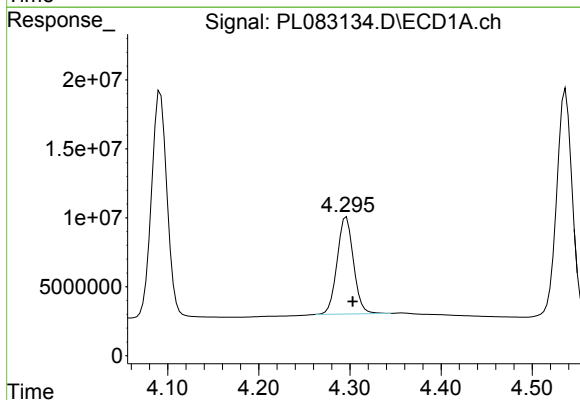
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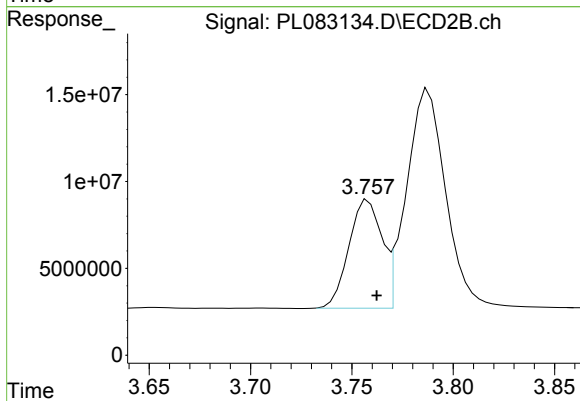
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.006 min
Response: 158201878
Conc: 48.62 ng/ml



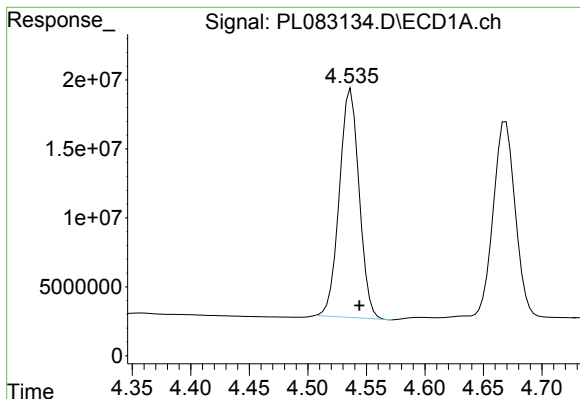
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 87854125
Conc: 46.66 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: -0.004 min
Response: 70796119
Conc: 49.50 ng/ml



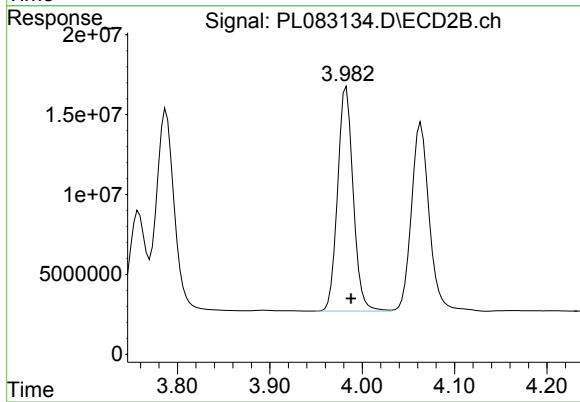
#7 delta-BHC

R.T.: 4.537 min
Delta R.T.: -0.007 min
Response: 195002211
Conc: 56.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

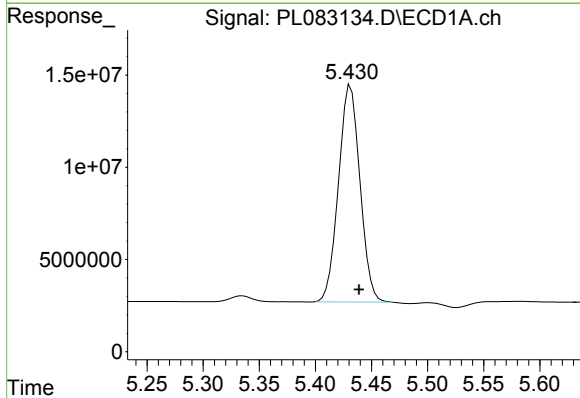
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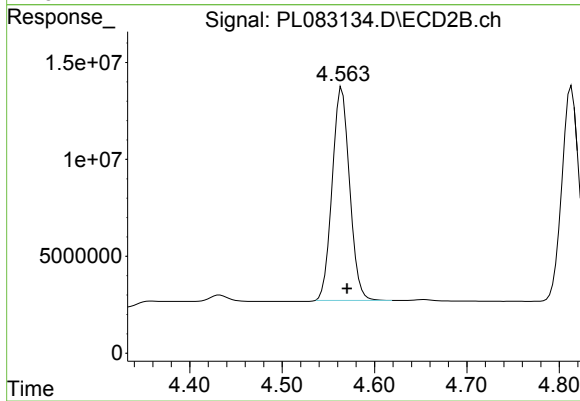
#7 delta-BHC

R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 164804040
Conc: 50.30 ng/ml



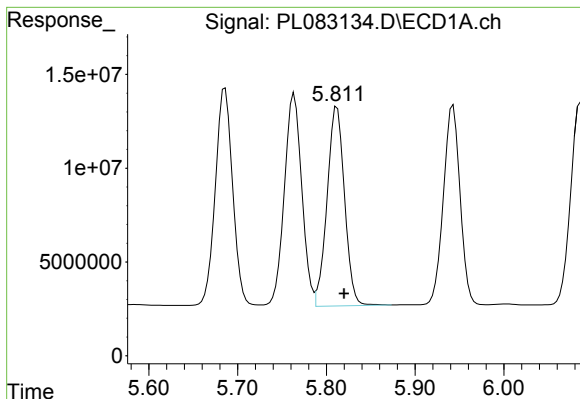
#8 Heptachlor epoxide

R.T.: 5.431 min
Delta R.T.: -0.008 min
Response: 156516401
Conc: 48.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.006 min
Response: 143882937
Conc: 48.48 ng/ml



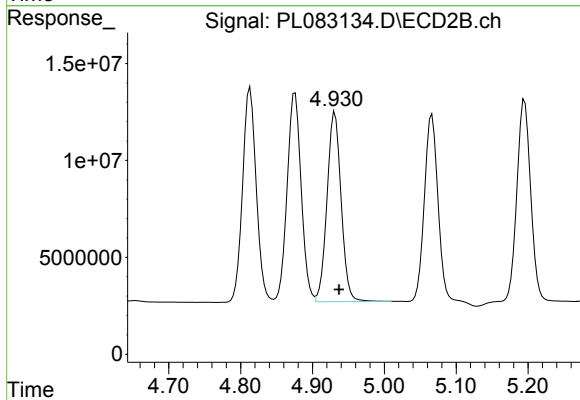
#9 Endosulfan I

R.T.: 5.812 min
Delta R.T.: -0.008 min
Response: 145371333
Conc: 48.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

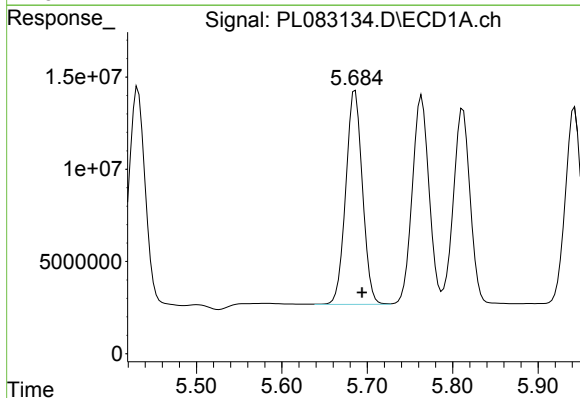
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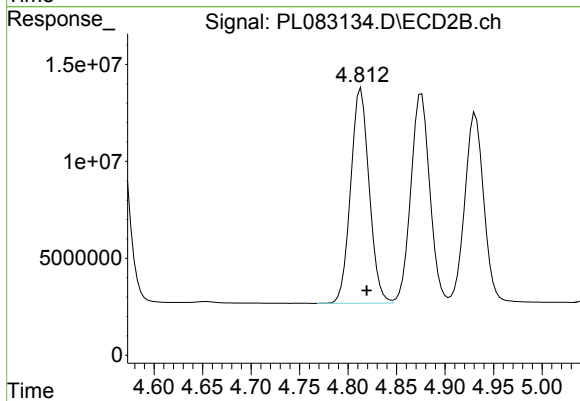
#9 Endosulfan I

R.T.: 4.931 min
Delta R.T.: -0.006 min
Response: 133408009
Conc: 47.74 ng/ml



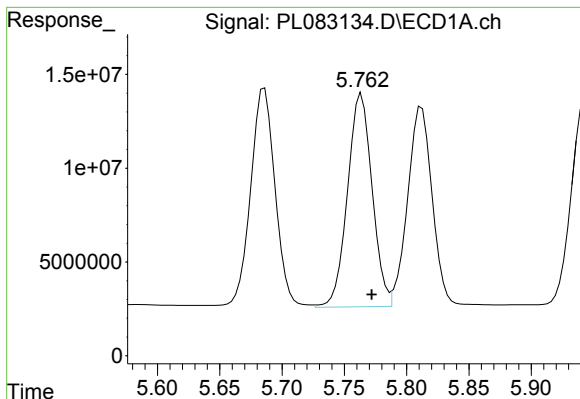
#10 gamma-Chlordane

R.T.: 5.684 min
Delta R.T.: -0.010 min
Response: 156972941
Conc: 49.41 ng/ml m



#10 gamma-Chlordane

R.T.: 4.813 min
Delta R.T.: -0.006 min
Response: 146936280
Conc: 48.92 ng/ml



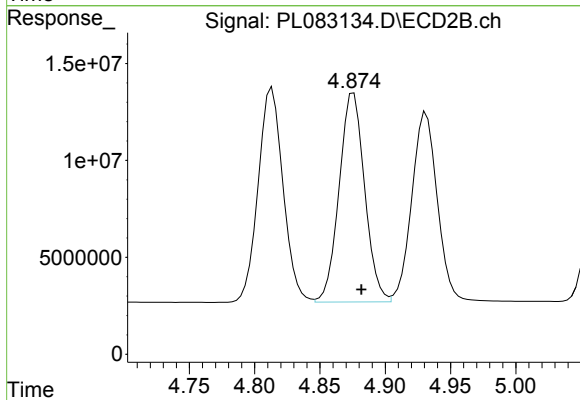
#11 alpha-Chlordane

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 157110015
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

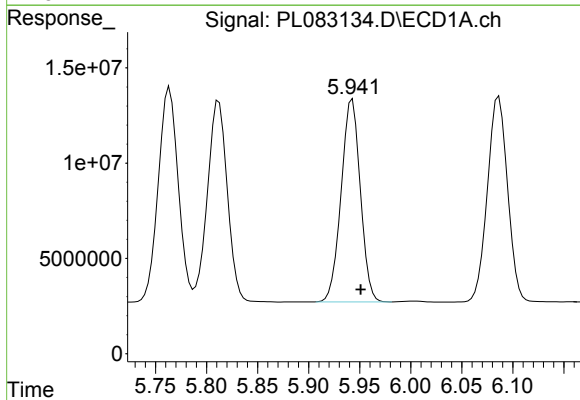
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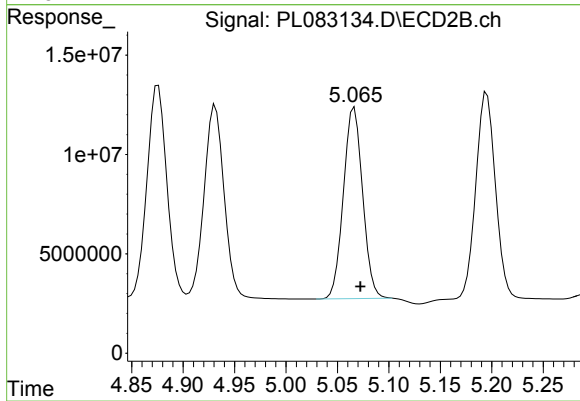
#11 alpha-Chlordane

R.T.: 4.876 min
Delta R.T.: -0.006 min
Response: 146620045
Conc: 48.84 ng/ml



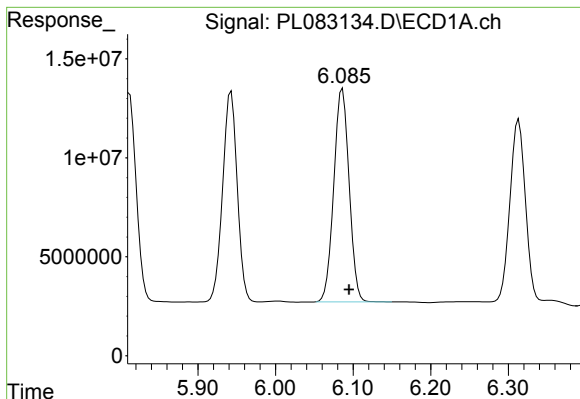
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 138873254
Conc: 50.38 ng/ml



#12 4,4'-DDE

R.T.: 5.065 min
Delta R.T.: -0.007 min
Response: 125080564
Conc: 51.50 ng/ml m



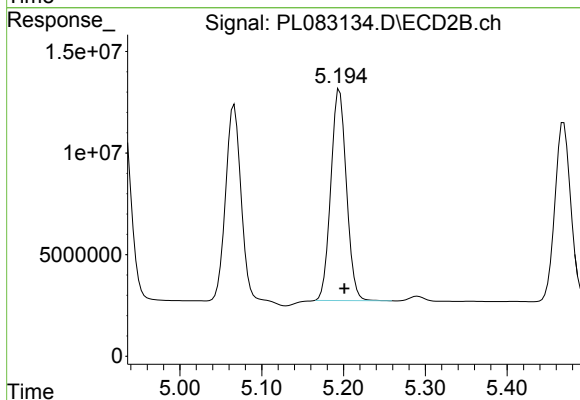
#13 Dieldrin

R.T.: 6.086 min
Delta R.T.: -0.009 min
Response: 148080859
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

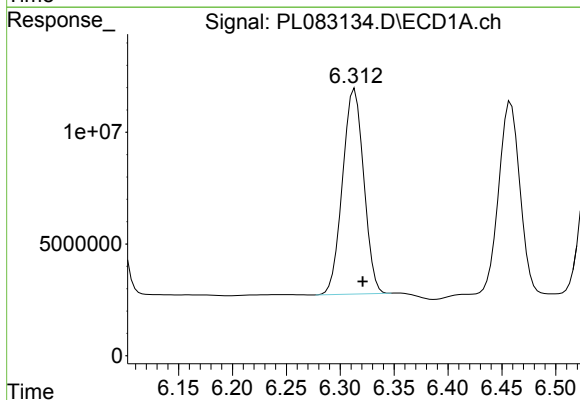
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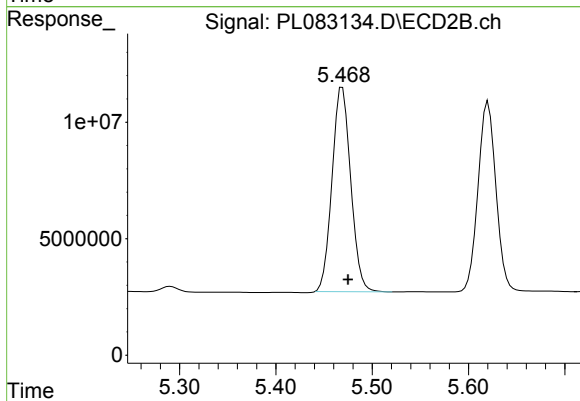
#13 Dieldrin

R.T.: 5.195 min
Delta R.T.: -0.006 min
Response: 137835585
Conc: 48.83 ng/ml



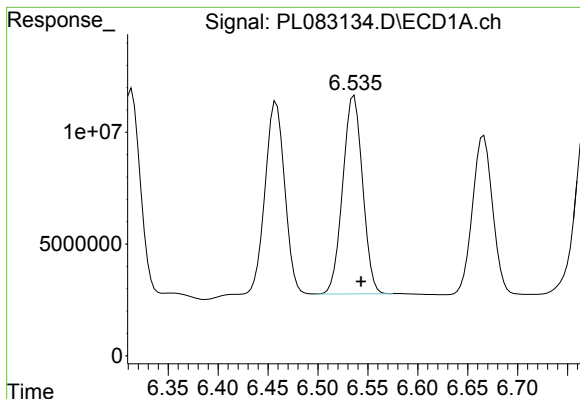
#14 Endrin

R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 125919073
Conc: 46.86 ng/ml



#14 Endrin

R.T.: 5.469 min
Delta R.T.: -0.006 min
Response: 118350684
Conc: 46.65 ng/ml



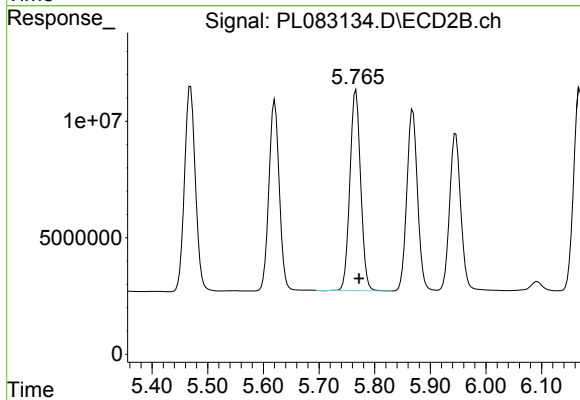
#15 Endosulfan II

R.T.: 6.536 min
Delta R.T.: -0.007 min
Response: 122621072
Conc: 46.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

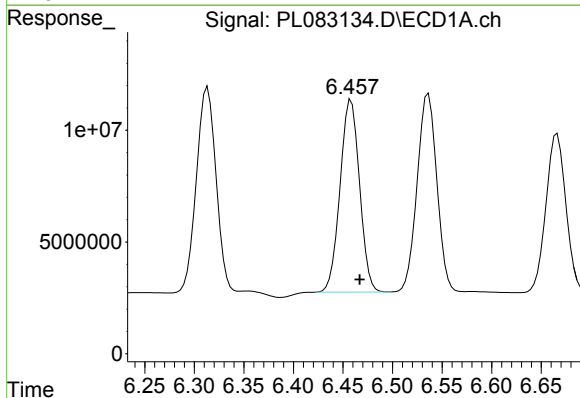
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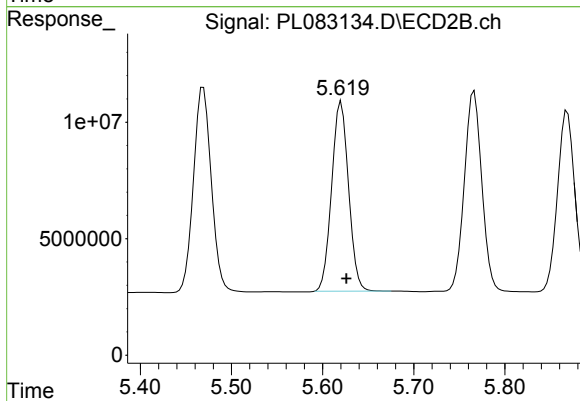
#15 Endosulfan II

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 115607961
Conc: 46.73 ng/ml



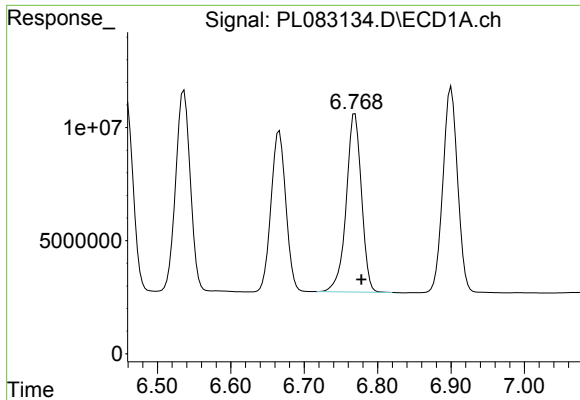
#16 4,4'-DDD

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 117714157
Conc: 54.17 ng/ml



#16 4,4'-DDD

R.T.: 5.620 min
Delta R.T.: -0.006 min
Response: 104903823
Conc: 54.55 ng/ml



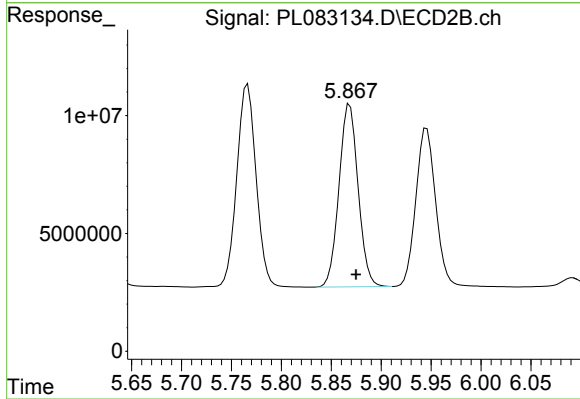
#17 4,4'-DDT

R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: 113552023
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

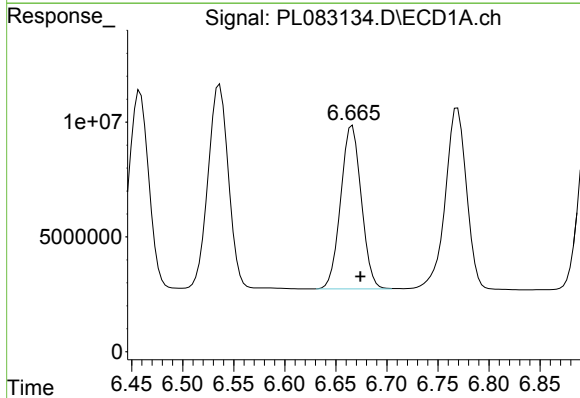
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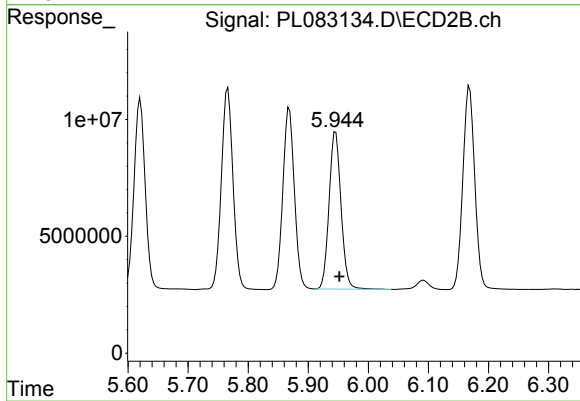
#17 4,4'-DDT

R.T.: 5.867 min
Delta R.T.: -0.008 min
Response: 103487450
Conc: 46.39 ng/ml m



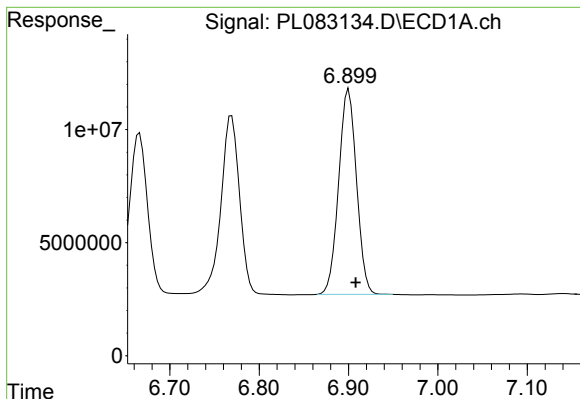
#18 Endrin aldehyde

R.T.: 6.665 min
Delta R.T.: -0.009 min
Response: 99898450
Conc: 49.68 ng/ml m



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 93172362
Conc: 47.12 ng/ml



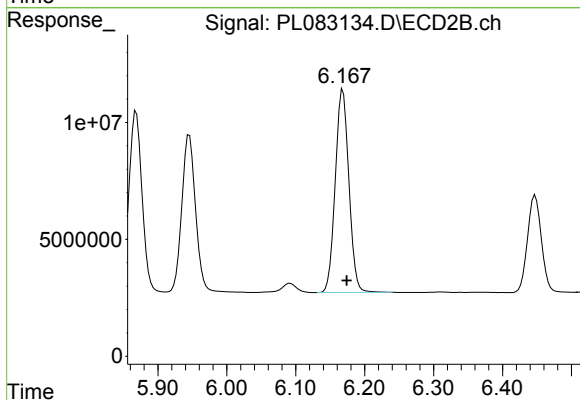
#19 Endosulfan Sulfate

R.T.: 6.900 min
Delta R.T.: -0.008 min
Response: 125990517
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

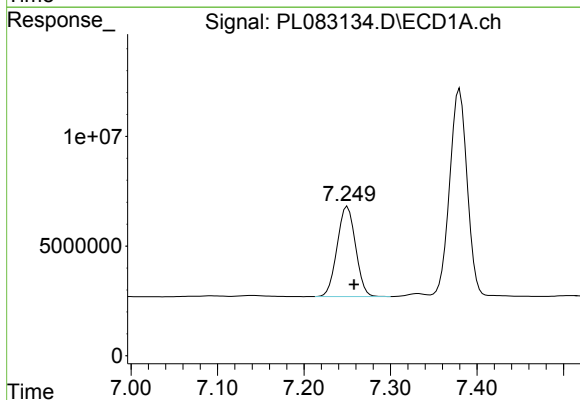
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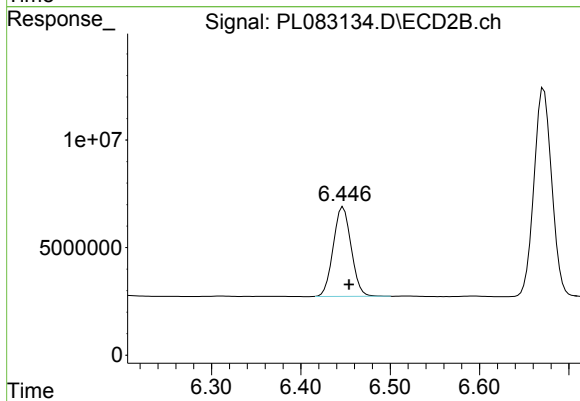
#19 Endosulfan Sulfate

R.T.: 6.168 min
Delta R.T.: -0.006 min
Response: 119288895
Conc: 48.71 ng/ml



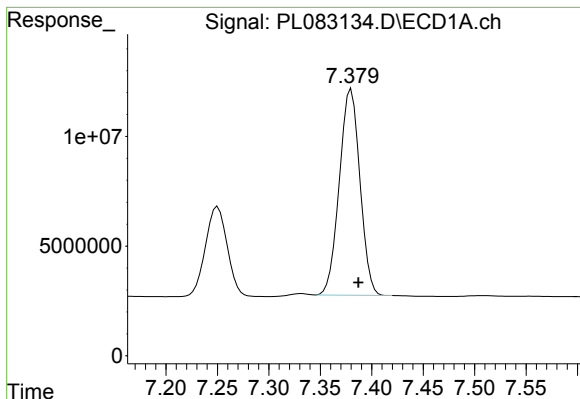
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 60501189
Conc: 45.75 ng/ml



#20 Methoxychlor

R.T.: 6.447 min
Delta R.T.: -0.006 min
Response: 58053475
Conc: 45.65 ng/ml



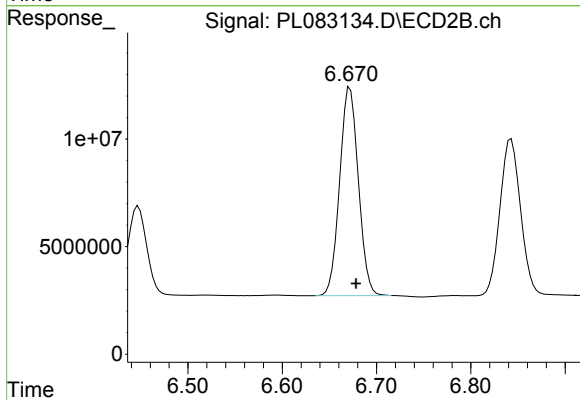
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 130963206
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

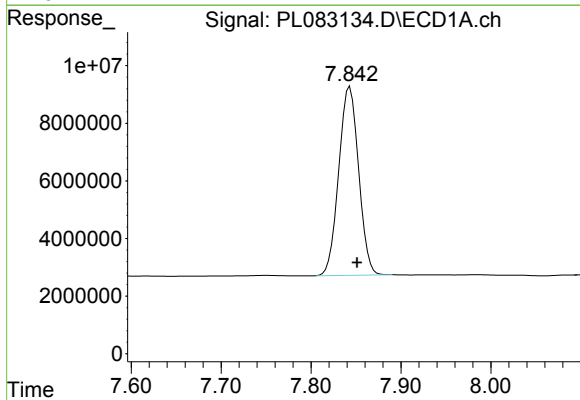
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/01/2023
Supervised By :Ankita Jodhani 06/01/2023



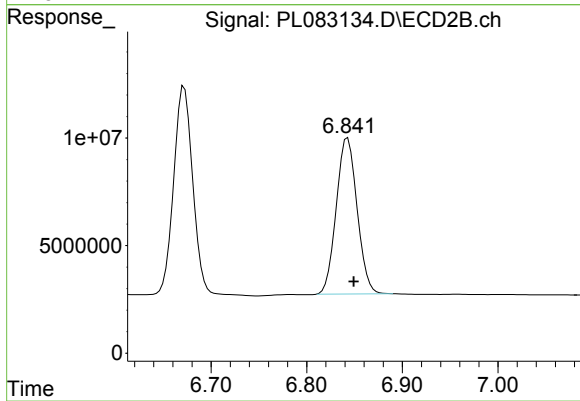
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.008 min
Response: 133679489
Conc: 49.44 ng/ml m



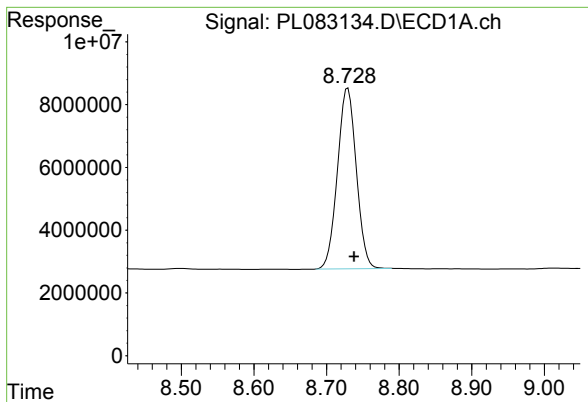
#22 Mirex

R.T.: 7.843 min
Delta R.T.: -0.008 min
Response: 100516181
Conc: 47.96 ng/ml



#22 Mirex

R.T.: 6.843 min
Delta R.T.: -0.007 min
Response: 110028663
Conc: 47.02 ng/ml



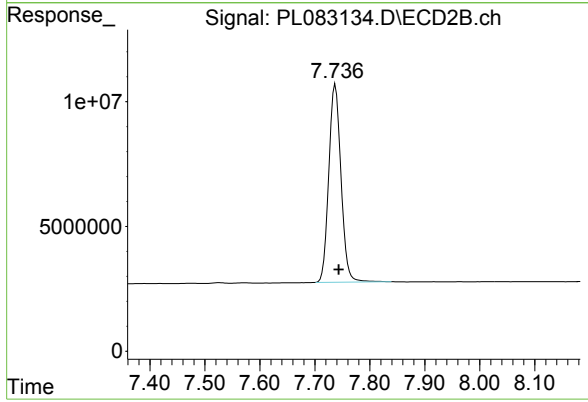
#28 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.009 min
Response: 103746149
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 06/01/2023



#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.006 min
Response: 122269388
Conc: 49.17 ng/ml