

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060923\
 Data File : PL083356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2023 13:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/12/2023
 Supervised By : Ankita Jodhani 06/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 21:26:36 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...	3.314	2.633	126.1E6	111.3E6	42.918	42.890
2)	SA Decachlor...	8.731	7.735	92863657	109.8E6	44.277	44.172
Target Compounds							
2)	A alpha-BHC	3.764	3.128	192.2E6	161.7E6	43.302	43.337
3)	MA gamma-BHC...	4.092	3.454	181.5E6	145.9E6	43.821	43.761
4)	MA Heptachlor	4.669	3.784	175.1E6	159.0E6	45.813	43.439
5)	MB Aldrin	5.005	4.060	162.8E6	150.3E6	46.267	46.207
6)	B beta-BHC	4.296	3.755	80800866	61728506	42.917	43.164
7)	B delta-BHC	4.537	3.980	170.1E6	149.5E6	49.455	45.634
8)	B Heptachlo...	5.431	4.560	158.4E6	130.5E6	49.519	43.955m
9)	A Endosulfan I	5.812	4.928	141.4E6	114.2E6	47.125	40.862
10)	B gamma-Chl...	5.685	4.810	147.9E6	132.2E6	46.546m	44.009
11)	B alpha-Chl...	5.764	4.872	152.3E6	131.9E6	47.443	43.947
12)	B 4,4'-DDE	5.943	5.061	129.4E6	111.4E6	46.929	45.876m
13)	MA Dieldrin	6.087	5.191	139.8E6	121.8E6	46.478	43.130
14)	MA Endrin	6.314	5.466	122.8E6	108.1E6	45.709	42.601
15)	B Endosulfa...	6.536	5.763	118.0E6	105.2E6	44.130	42.512
16)	A 4,4'-DDD	6.459	5.616	105.0E6	89700215	48.316	46.640m
17)	MA 4,4'-DDT	6.770	5.864	115.2E6	99647271	46.028	44.664m
18)	B Endrin al...	6.666	5.942	93820041	84265729	46.662m	42.613
19)	B Endosulfa...	6.901	6.165	119.0E6	108.1E6	46.409	44.133
20)	A Methoxychlor	7.251	6.444	61904398	55751385	46.813	43.838
21)	B Endrin ke...	7.381	6.667	120.3E6	113.8E6	47.155	42.085m
22)	Mirex	7.844	6.840	93309629	99136360	44.517	42.369

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060923\
Data File : PL083356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2023 13:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

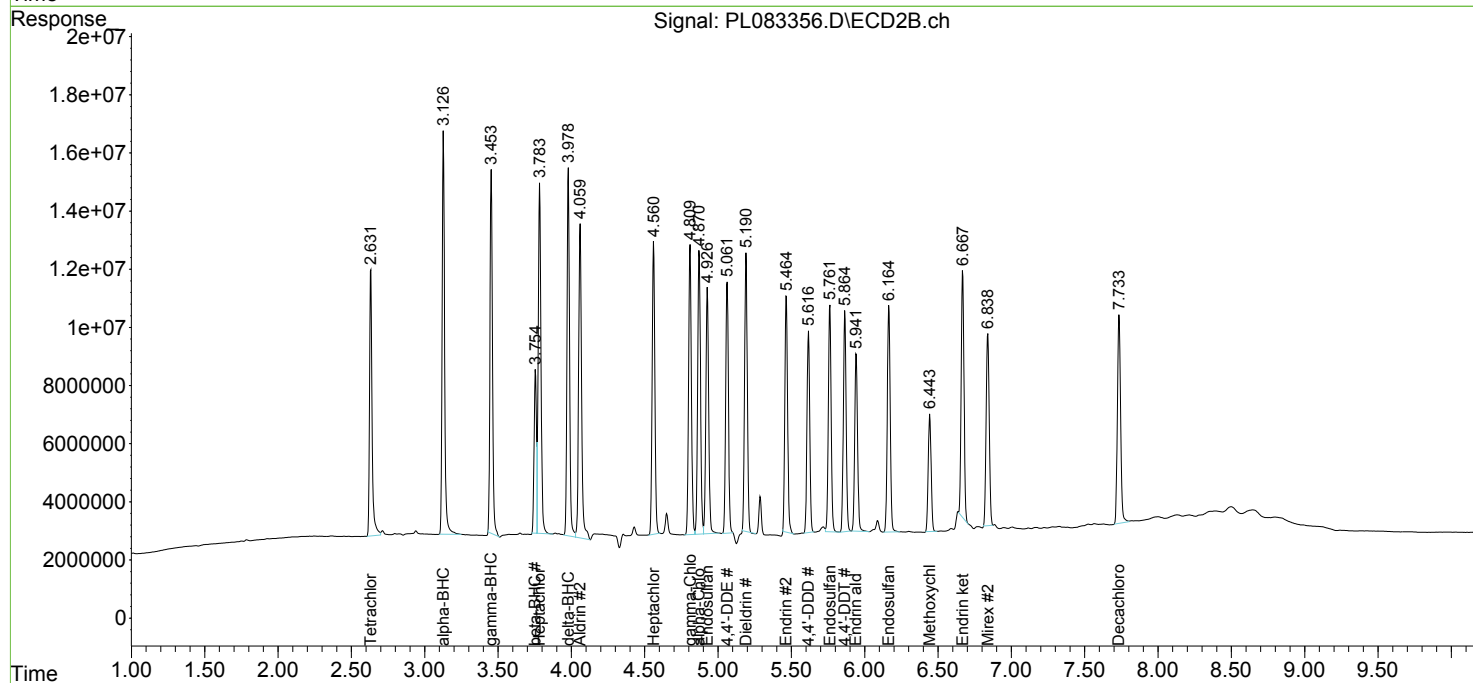
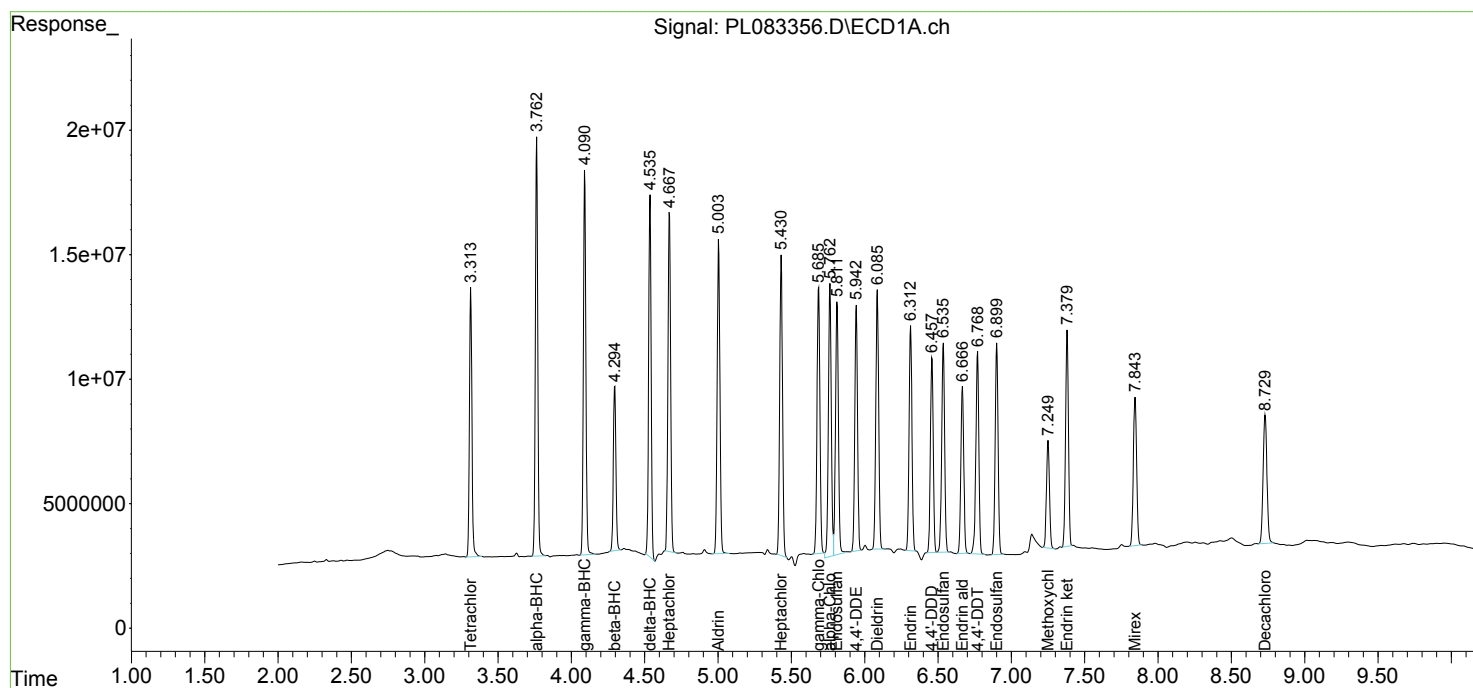
APPROVED

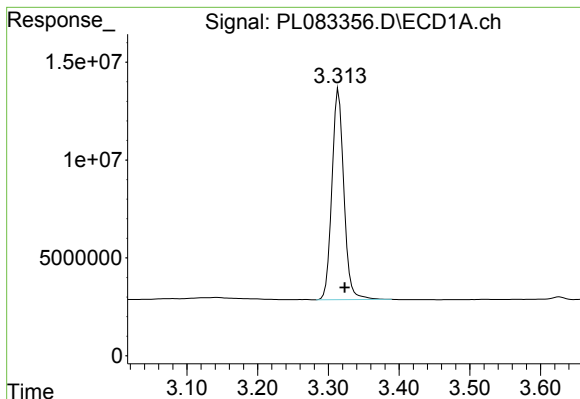
Reviewed By :Abdul Mirza 06/12/2023

Supervised By :Ankita Jodhani 06/12/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 21:26:36 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





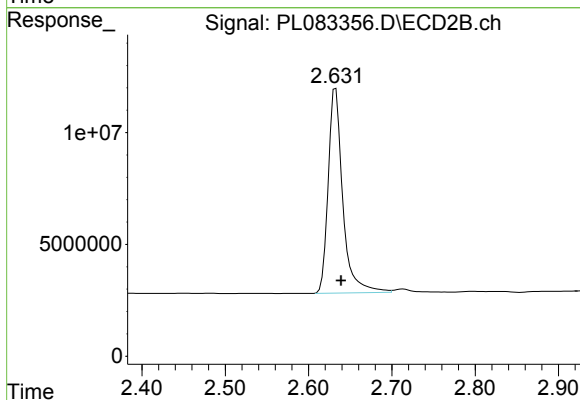
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 126138111
Conc: 42.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

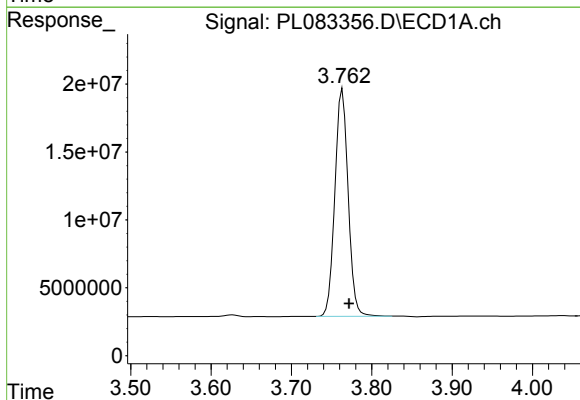
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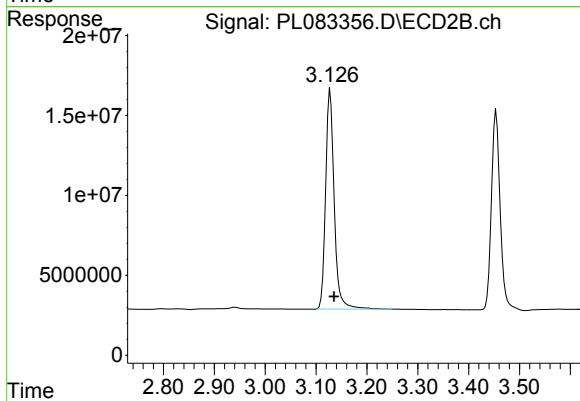
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 111347076
Conc: 42.89 ng/ml



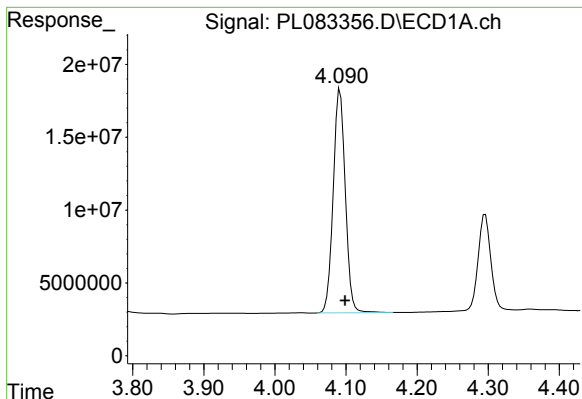
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 192227183
Conc: 43.30 ng/ml



#2 alpha-BHC

R.T.: 3.128 min
Delta R.T.: -0.007 min
Response: 161709641
Conc: 43.34 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 181547083
Conc: 43.82 ng/ml

Instrument :

ECD_L

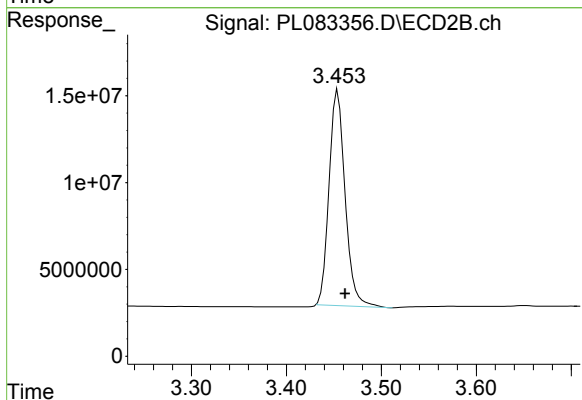
ClientSampleId :

PSTDCCC050

Manual Integrations

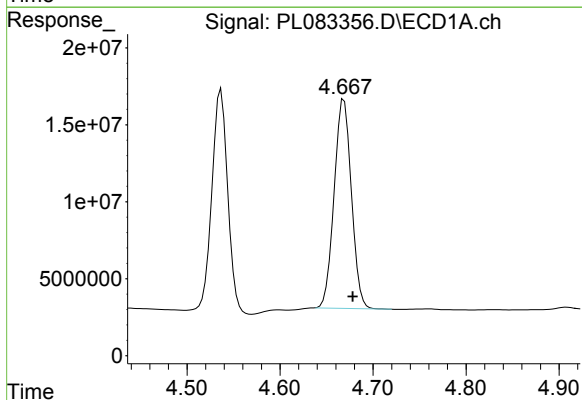
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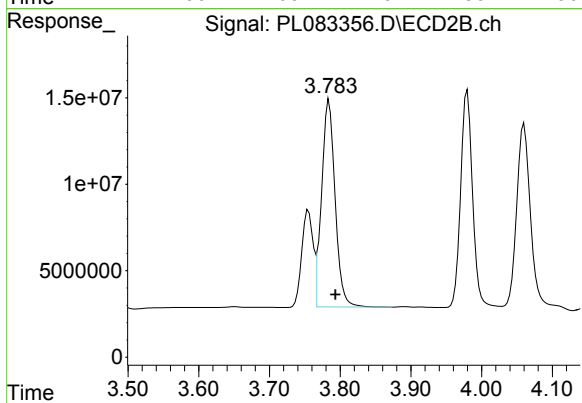
#3 gamma-BHC (Lindane)

R.T.: 3.454 min
Delta R.T.: -0.008 min
Response: 145866981
Conc: 43.76 ng/ml



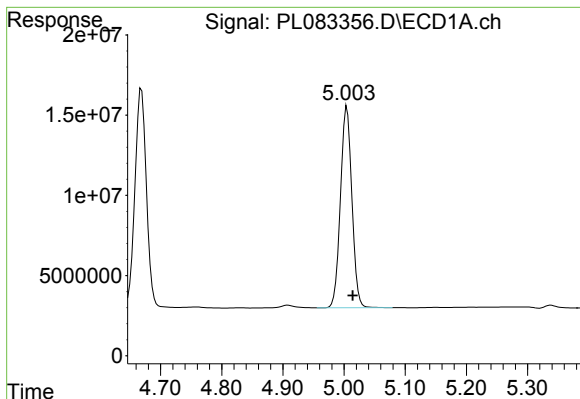
#4 Heptachlor

R.T.: 4.669 min
Delta R.T.: -0.009 min
Response: 175118416
Conc: 45.81 ng/ml



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.009 min
Response: 159035730
Conc: 43.44 ng/ml



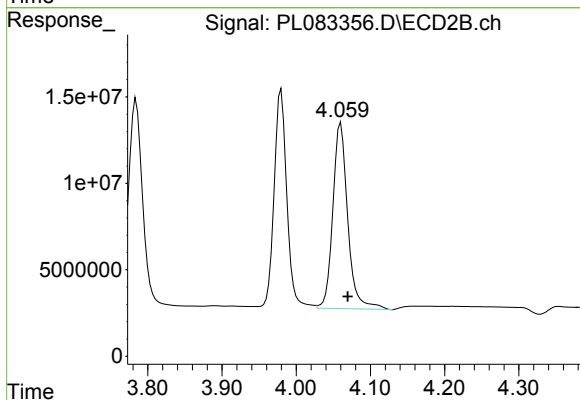
#5 Aldrin

R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 162772559
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

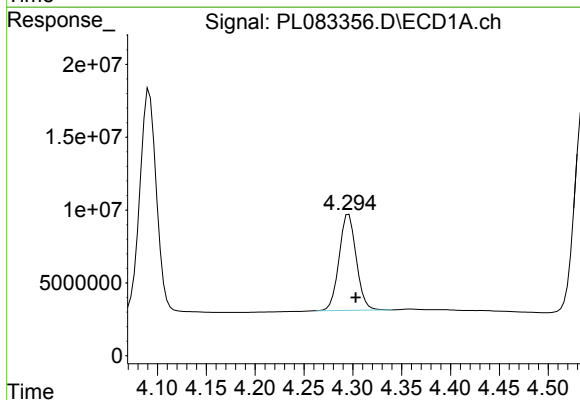
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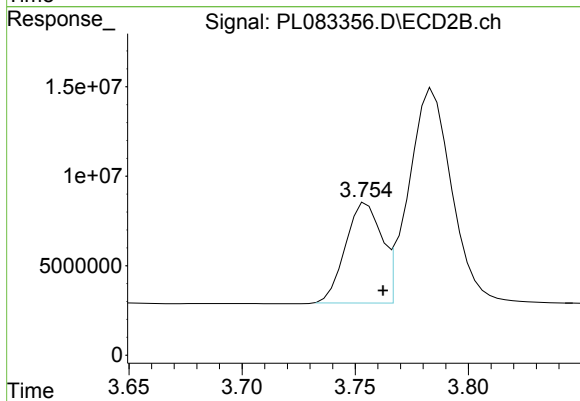
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.010 min
Response: 150338598
Conc: 46.21 ng/ml



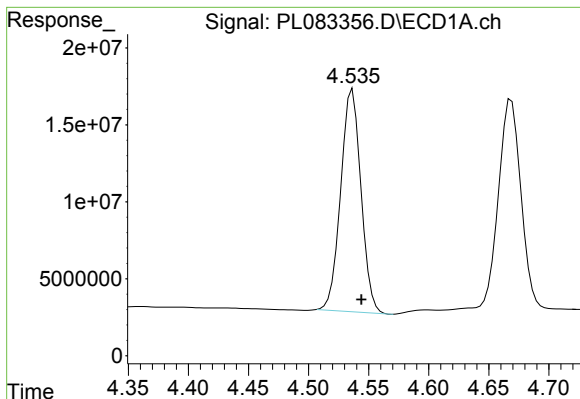
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 80800866
Conc: 42.92 ng/ml



#6 beta-BHC

R.T.: 3.755 min
Delta R.T.: -0.007 min
Response: 61728506
Conc: 43.16 ng/ml



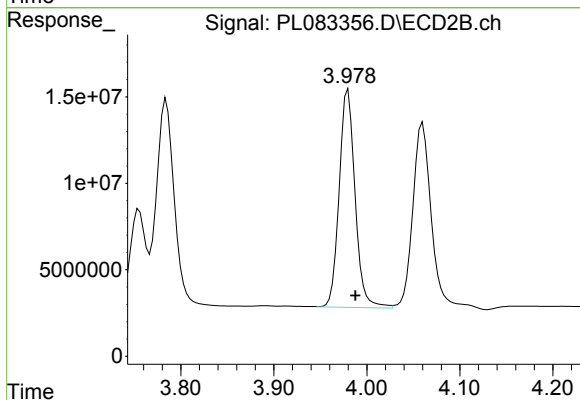
#7 delta-BHC

R.T.: 4.537 min
Delta R.T.: -0.007 min
Response: 170069908
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

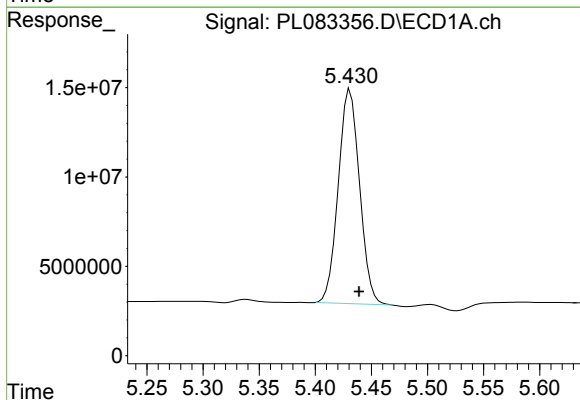
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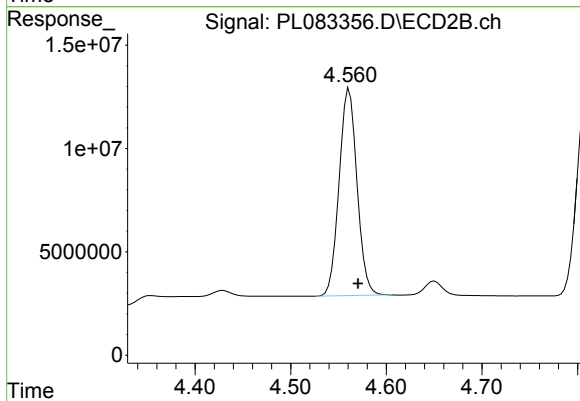
#7 delta-BHC

R.T.: 3.980 min
Delta R.T.: -0.008 min
Response: 149518685
Conc: 45.63 ng/ml



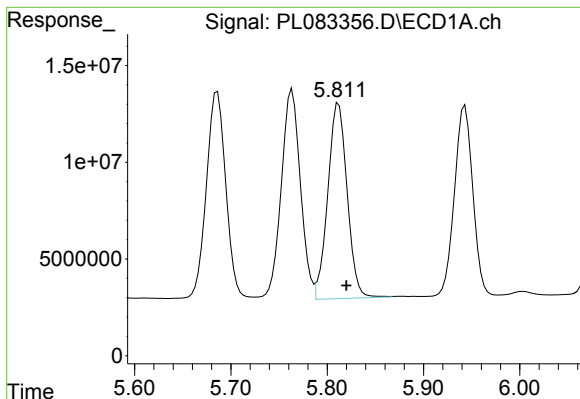
#8 Heptachlor epoxide

R.T.: 5.431 min
Delta R.T.: -0.008 min
Response: 158397800
Conc: 49.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.560 min
Delta R.T.: -0.011 min
Response: 130454840
Conc: 43.96 ng/ml m



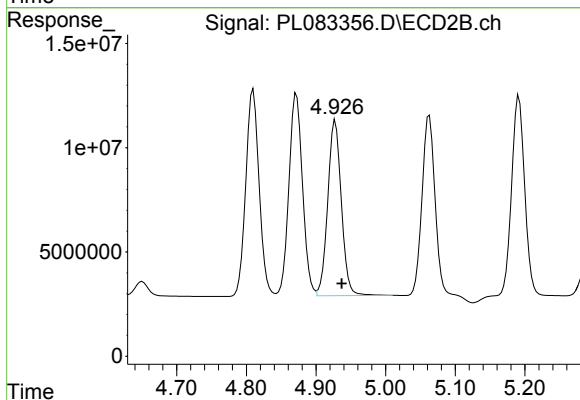
#9 Endosulfan I

R.T.: 5.812 min
Delta R.T.: -0.008 min
Response: 141402462
Conc: 47.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

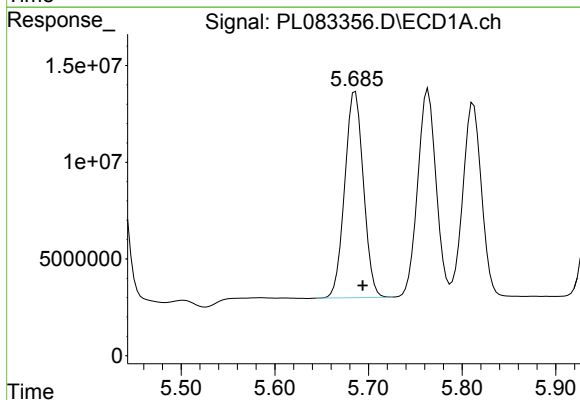
Manual Integrations
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Reviewed By :Abdul Mirza 06/12/2023
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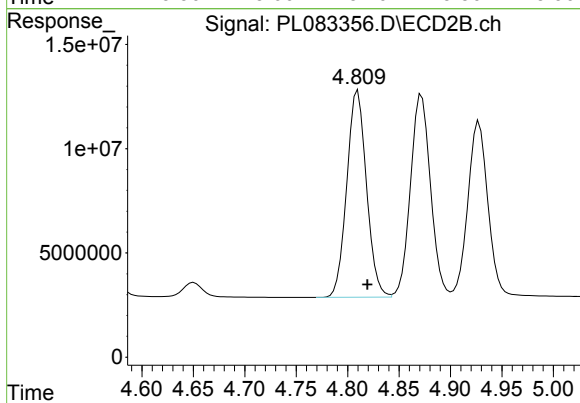
#9 Endosulfan I

R.T.: 4.928 min
Delta R.T.: -0.010 min
Response: 114182996
Conc: 40.86 ng/ml



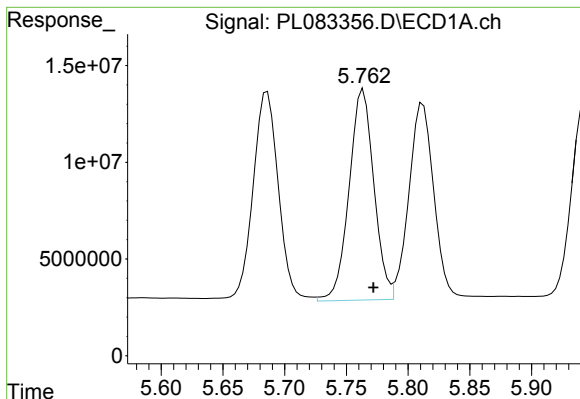
#10 gamma-Chlordane

R.T.: 5.685 min
Delta R.T.: -0.009 min
Response: 147876438
Conc: 46.55 ng/ml m



#10 gamma-Chlordane

R.T.: 4.810 min
Delta R.T.: -0.009 min
Response: 132175269
Conc: 44.01 ng/ml



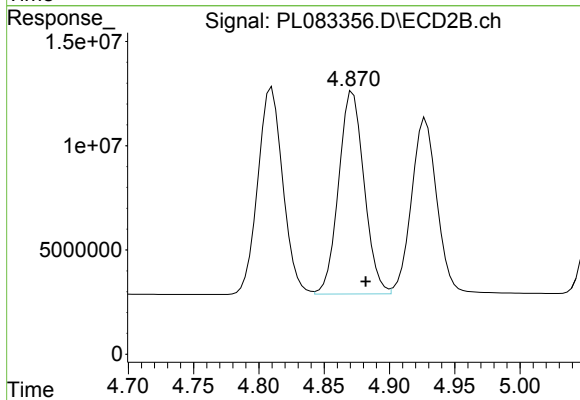
#11 alpha-Chlordane

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 152259920
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

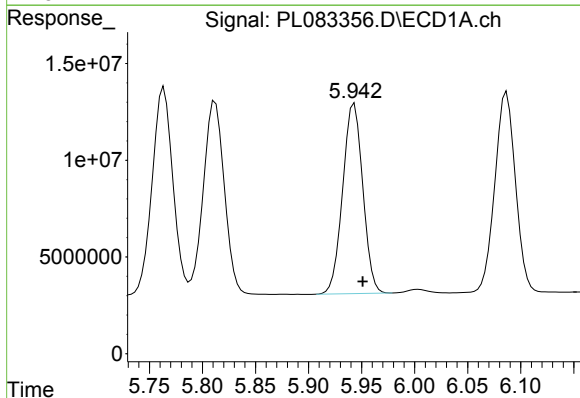
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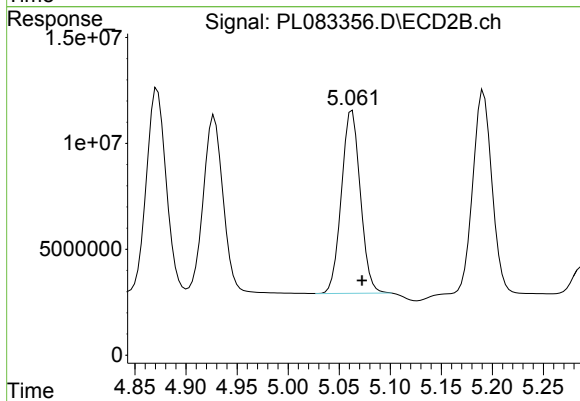
#11 alpha-Chlordane

R.T.: 4.872 min
Delta R.T.: -0.010 min
Response: 131928457
Conc: 43.95 ng/ml



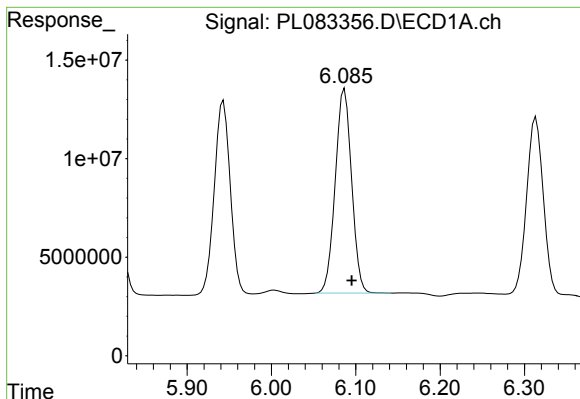
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 129360783
Conc: 46.93 ng/ml



#12 4,4'-DDE

R.T.: 5.061 min
Delta R.T.: -0.011 min
Response: 111421545
Conc: 45.88 ng/ml m



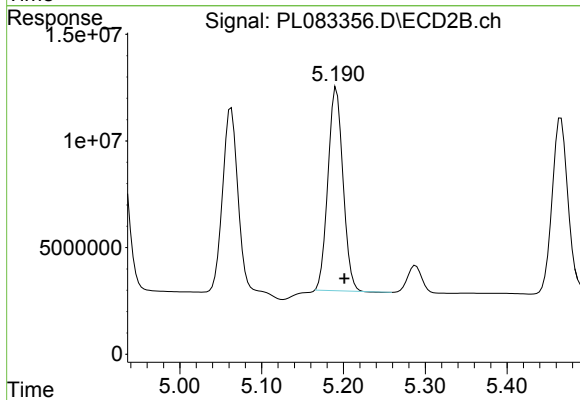
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 139798105
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

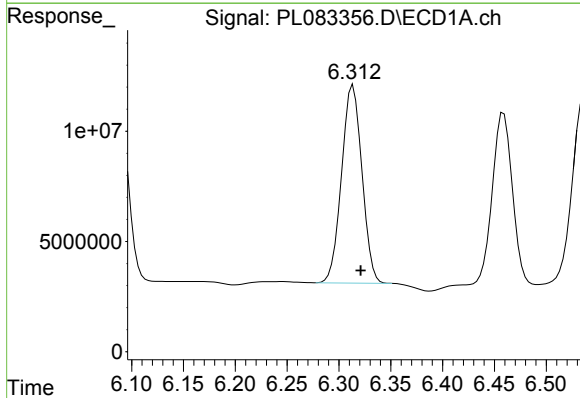
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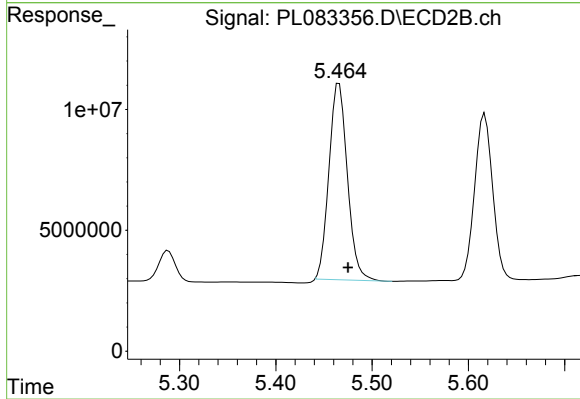
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.010 min
Response: 121752486
Conc: 43.13 ng/ml



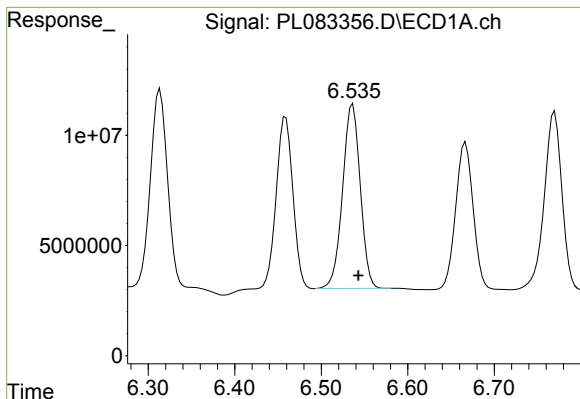
#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 122831675
Conc: 45.71 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: -0.009 min
Response: 108076397
Conc: 42.60 ng/ml



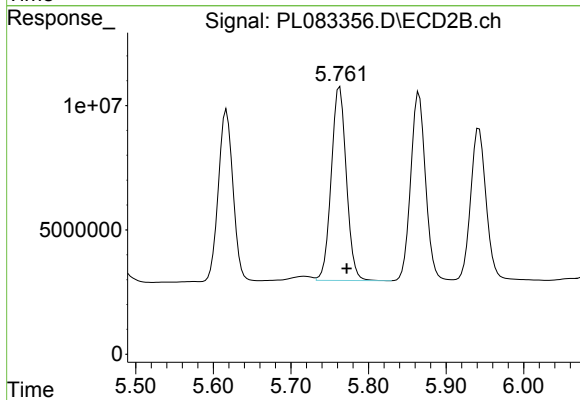
#15 Endosulfan II

R.T.: 6.536 min
Delta R.T.: -0.007 min
Response: 118020027
Conc: 44.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

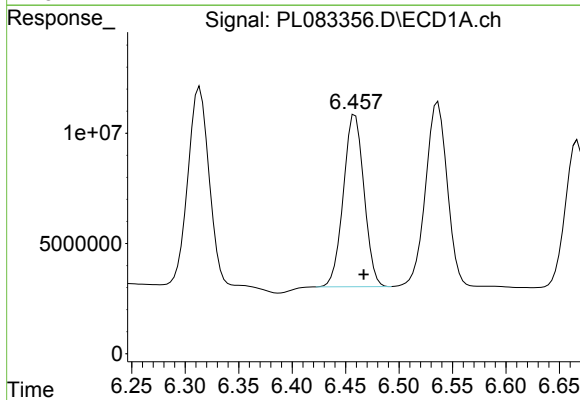
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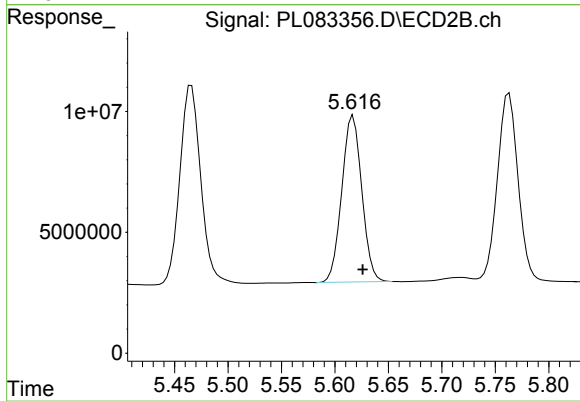
#15 Endosulfan II

R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 105181975
Conc: 42.51 ng/ml



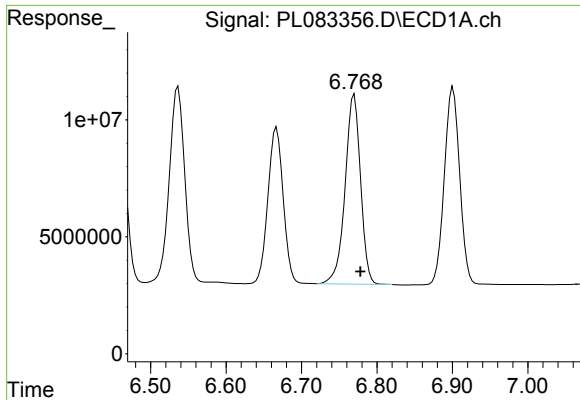
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 104993308
Conc: 48.32 ng/ml



#16 4,4'-DDD

R.T.: 5.616 min
Delta R.T.: -0.011 min
Response: 89700215
Conc: 46.64 ng/ml m



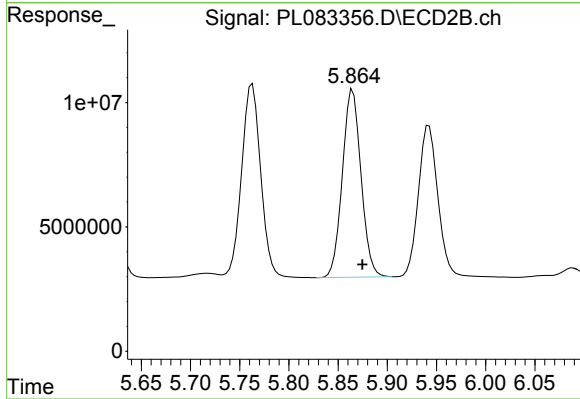
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 115216072
Conc: 46.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

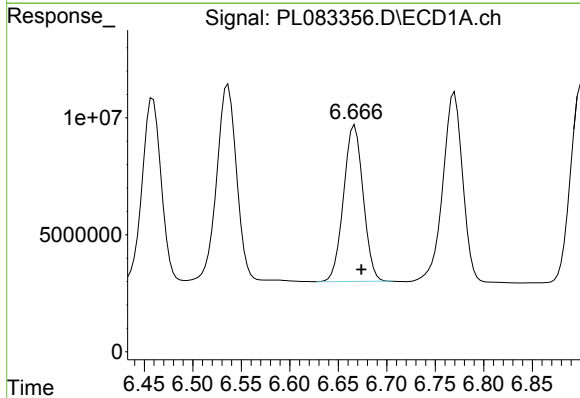
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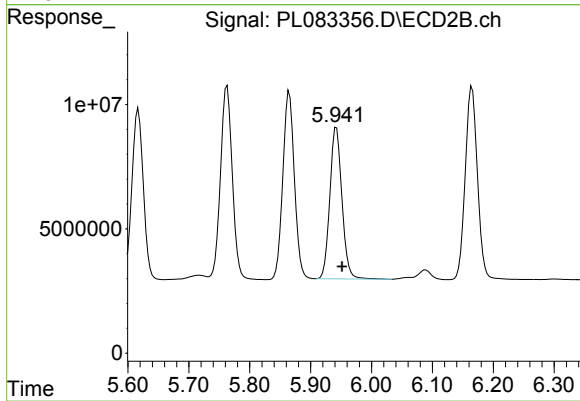
#17 4,4'-DDT

R.T.: 5.864 min
Delta R.T.: -0.011 min
Response: 99647271
Conc: 44.66 ng/ml m



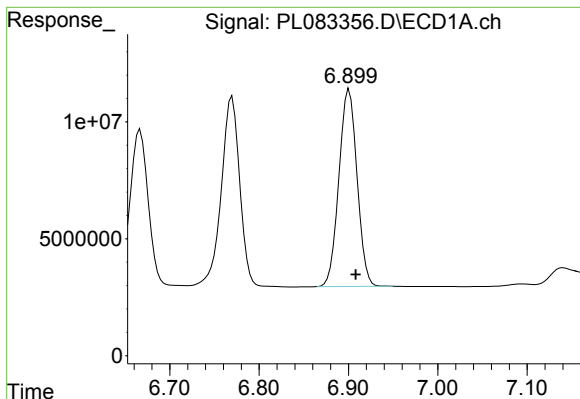
#18 Endrin aldehyde

R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 93820041
Conc: 46.66 ng/ml m



#18 Endrin aldehyde

R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 84265729
Conc: 42.61 ng/ml



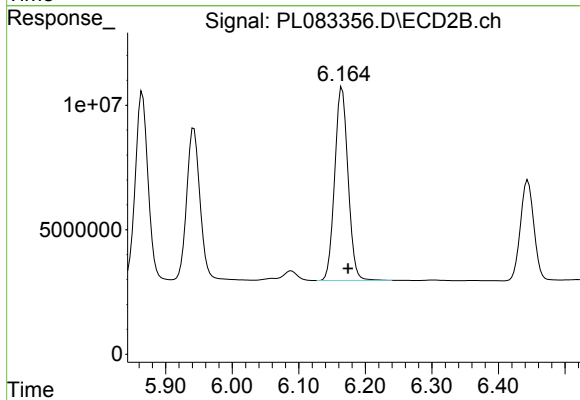
#19 Endosulfan Sulfate

R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 118978505
Conc: 46.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

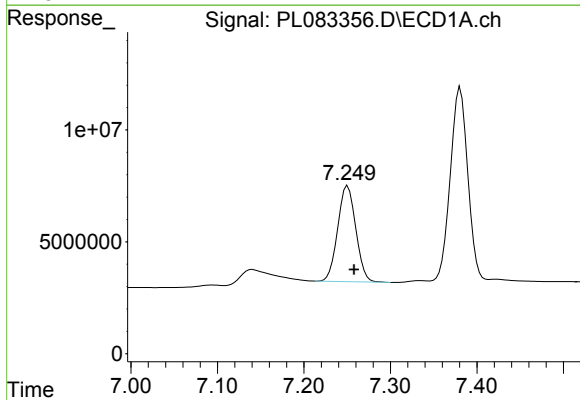
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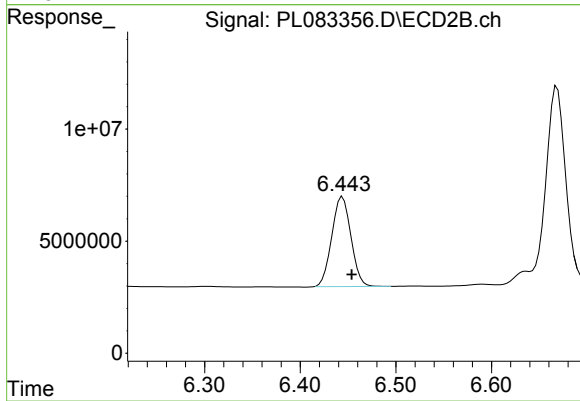
#19 Endosulfan Sulfate

R.T.: 6.165 min
Delta R.T.: -0.009 min
Response: 108081417
Conc: 44.13 ng/ml



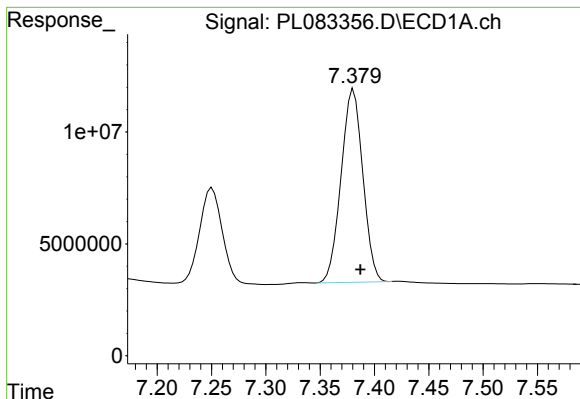
#20 Methoxychlor

R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 61904398
Conc: 46.81 ng/ml



#20 Methoxychlor

R.T.: 6.444 min
Delta R.T.: -0.010 min
Response: 55751385
Conc: 43.84 ng/ml



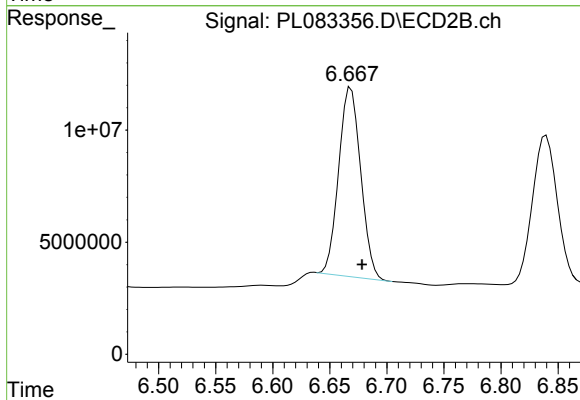
#21 Endrin ketone

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 120283627
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

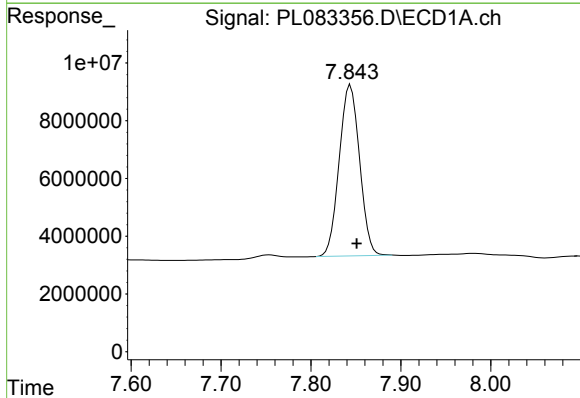
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2023
Supervised By :Ankita Jodhani 06/12/2023



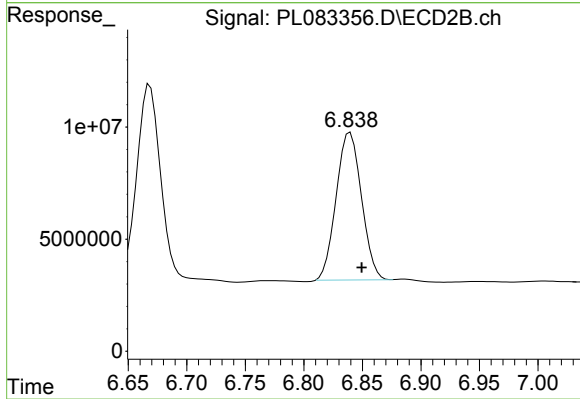
#21 Endrin ketone

R.T.: 6.667 min
Delta R.T.: -0.011 min
Response: 113790800
Conc: 42.08 ng/ml m



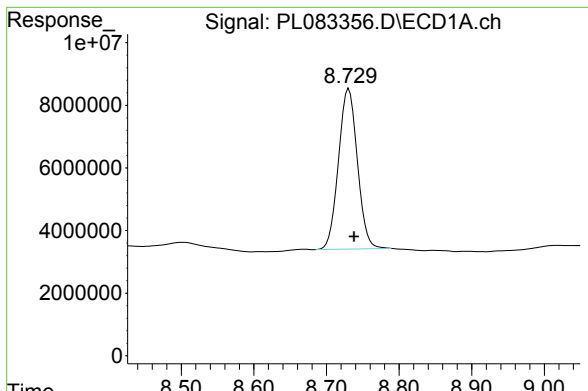
#22 Mirex

R.T.: 7.844 min
Delta R.T.: -0.007 min
Response: 93309629
Conc: 44.52 ng/ml



#22 Mirex

R.T.: 6.840 min
Delta R.T.: -0.010 min
Response: 99136360
Conc: 42.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.007 min
Response: 92863657
Conc: 44.28 ng/ml

Instrument :

ECD_L

ClientSampleId :

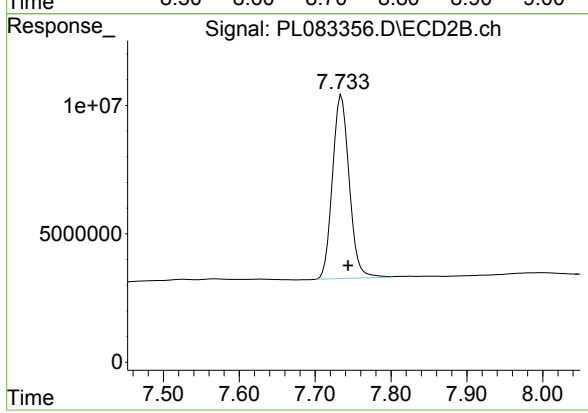
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.735 min
Delta R.T.: -0.009 min
Response: 109835833
Conc: 44.17 ng/ml