

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060823\
 Data File : PL083316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 2023 11:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/09/2023
 Supervised By : Ankita Jodhani 06/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 21:33:21 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	2.633	138.9E6	120.8E6	47.252	46.537
28)	SA Decachlor...	8.733	7.737	96374368	113.2E6	45.951	45.531
Target Compounds							
2)	A alpha-BHC	3.764	3.129	216.4E6	172.5E6	48.746	46.237
3)	MA gamma-BHC...	4.092	3.455	199.3E6	157.1E6	48.117	47.129
4)	MA Heptachlor	4.669	3.785	188.3E6	164.8E6	49.268	45.007
5)	MB Aldrin	5.006	4.062	177.5E6	156.6E6	50.448	48.141
6)	B beta-BHC	4.297	3.756	88183516	66596360	46.838	46.568
7)	B delta-BHC	4.537	3.981	198.6E6	158.4E6	57.756	48.332
8)	B Heptachlo...	5.433	4.562	168.1E6	137.3E6	52.555	46.252
9)	A Endosulfan I	5.813	4.929	151.8E6	125.4E6	50.598	44.877
10)	B gamma-Chl...	5.686	4.811	163.0E6	141.4E6	51.298m	47.075
11)	B alpha-Chl...	5.765	4.874	165.2E6	140.7E6	51.470	46.883
12)	B 4,4'-DDE	5.944	5.063	142.5E6	122.2E6	51.681	50.305m
13)	MA Dieldrin	6.087	5.193	150.0E6	130.8E6	49.857	46.351
14)	MA Endrin	6.315	5.468	121.2E6	110.7E6	45.084	43.636
15)	B Endosulfa...	6.538	5.765	120.0E6	111.1E6	44.941	44.891
16)	A 4,4'-DDD	6.461	5.619	117.4E6	103.3E6	54.020	53.734
17)	MA 4,4'-DDT	6.771	5.865	110.5E6	97697551	44.148	43.790m
18)	B Endrin al...	6.668	5.944	95176176	89167345	47.336	45.092
19)	B Endosulfa...	6.902	6.167	124.7E6	114.8E6	48.656	46.862
20)	A Methoxychlor	7.253	6.446	57066489	54615723	43.154	42.945
21)	B Endrin ke...	7.383	6.671	131.4E6	128.7E6	51.497	47.583
22)	Mirex	7.846	6.842	101.1E6	106.3E6	48.246	45.430

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060823\
 Data File : PL083316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 2023 11:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

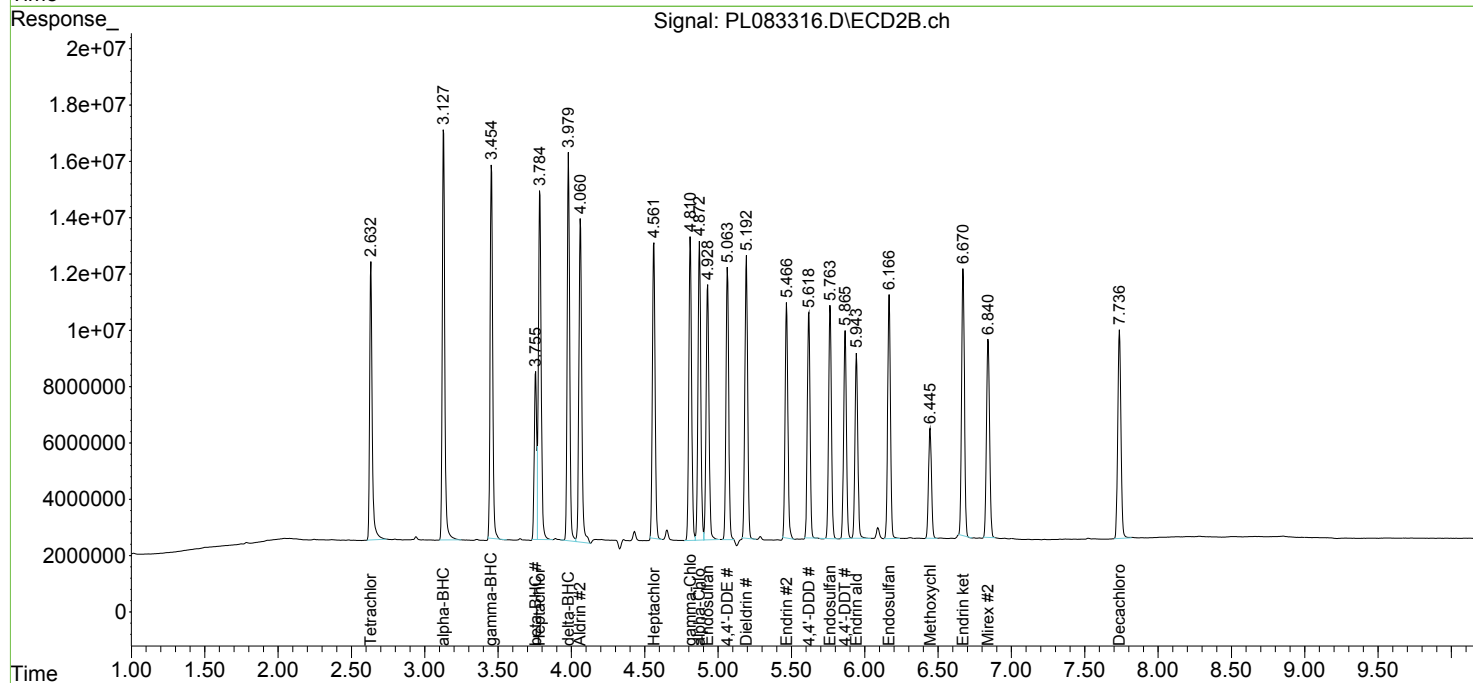
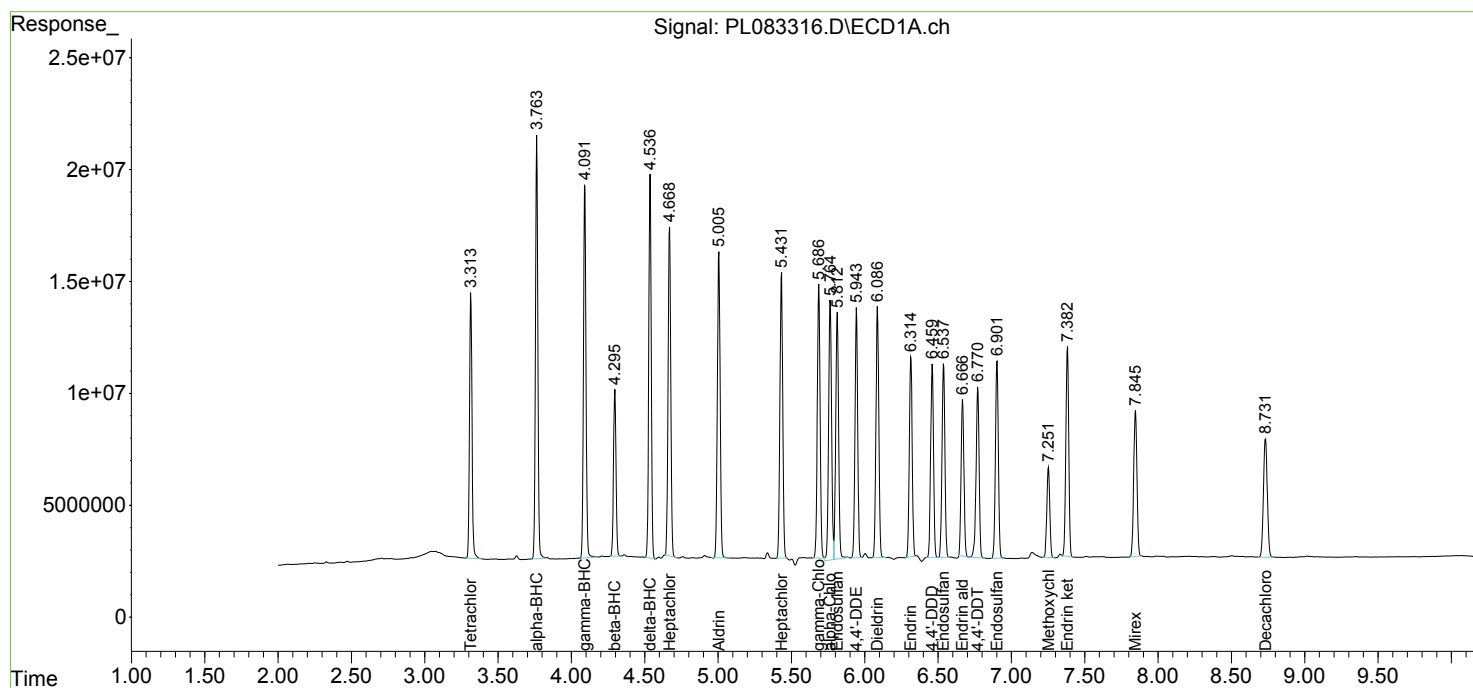
APPROVED

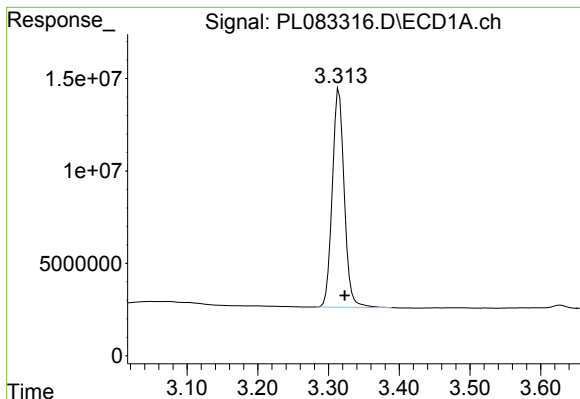
Reviewed By :Abdul Mirza 06/09/2023

Supervised By :Ankita Jodhani 06/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 21:33:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
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 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





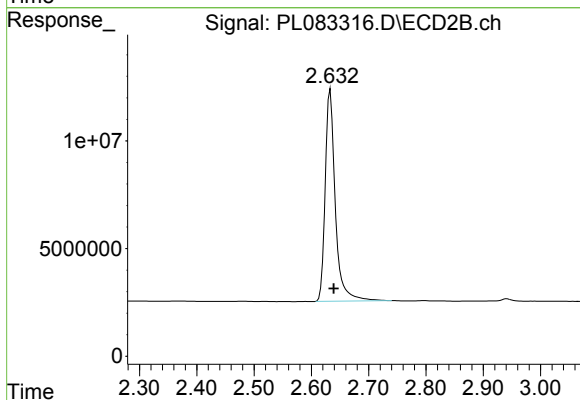
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 138875557
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

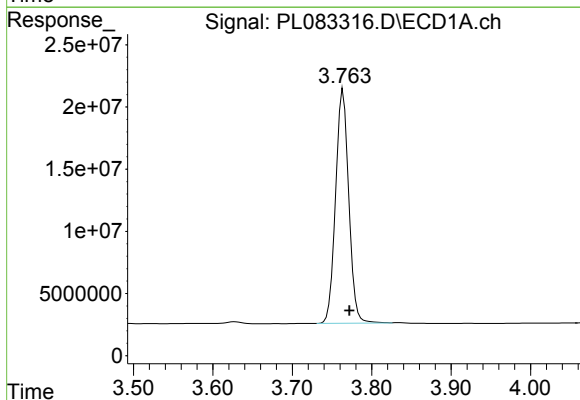
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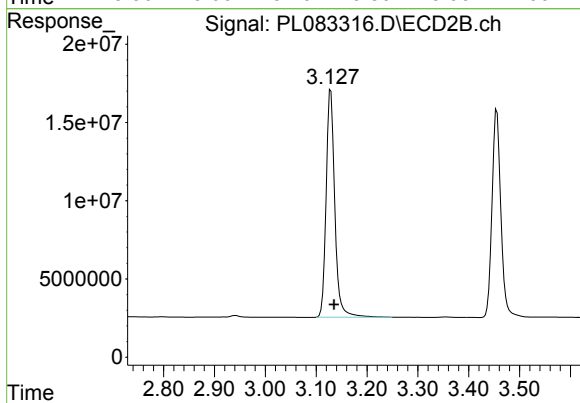
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 120813369
Conc: 46.54 ng/ml



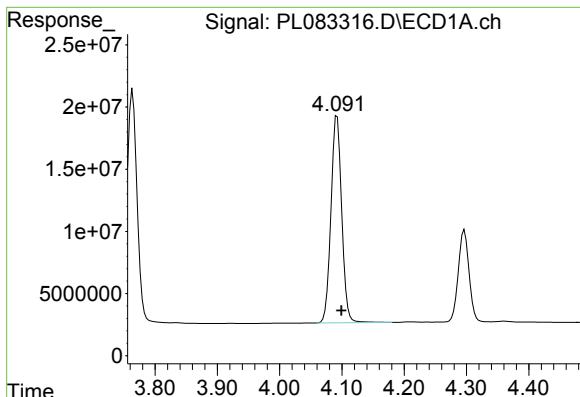
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 216396474
Conc: 48.75 ng/ml



#2 alpha-BHC

R.T.: 3.129 min
Delta R.T.: -0.006 min
Response: 172531649
Conc: 46.24 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 199346804
Conc: 48.12 ng/ml

Instrument :

ECD_L

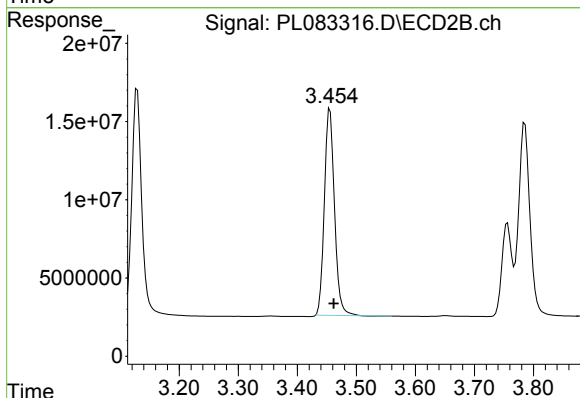
ClientSampleId :

PSTDCCC050

Manual Integrations

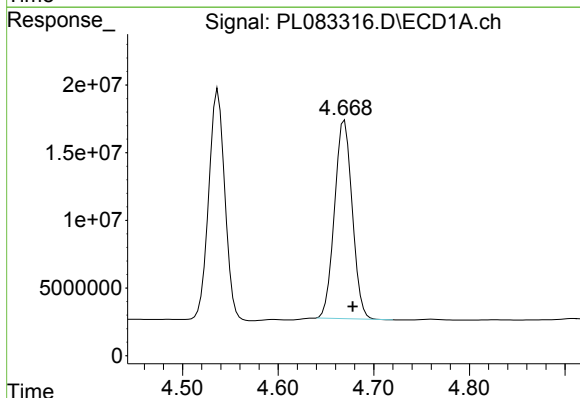
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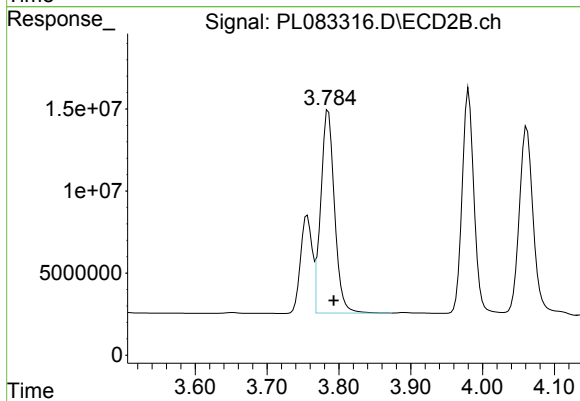
#3 gamma-BHC (Lindane)

R.T.: 3.455 min
Delta R.T.: -0.007 min
Response: 157095255
Conc: 47.13 ng/ml



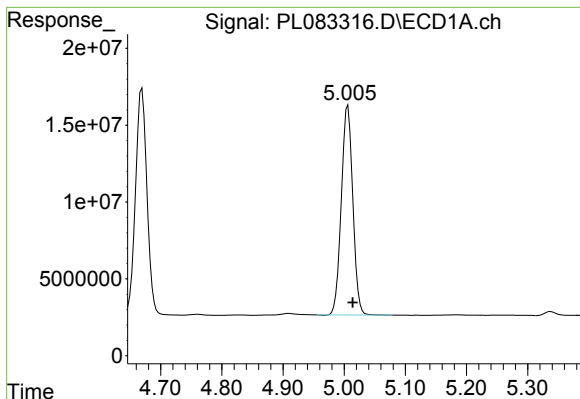
#4 Heptachlor

R.T.: 4.669 min
Delta R.T.: -0.009 min
Response: 188326308
Conc: 49.27 ng/ml



#4 Heptachlor

R.T.: 3.785 min
Delta R.T.: -0.008 min
Response: 164775481
Conc: 45.01 ng/ml



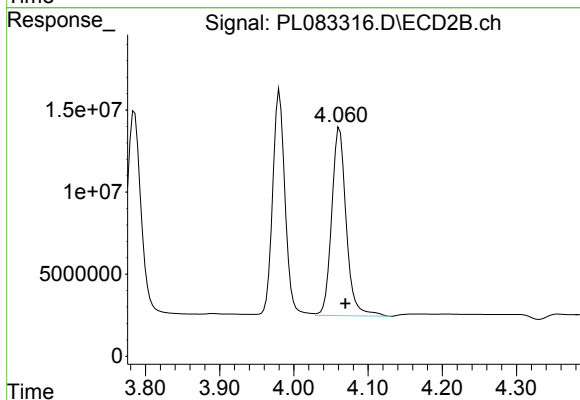
#5 Aldrin

R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 177481522
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

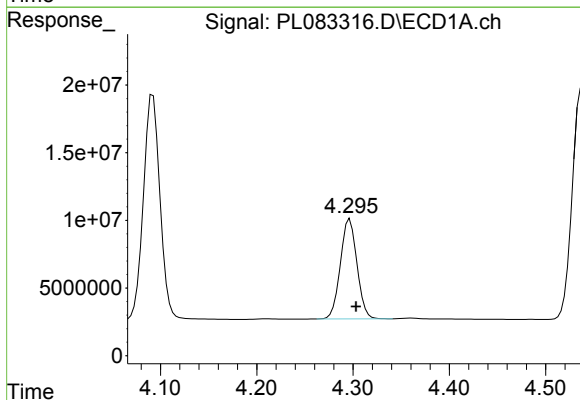
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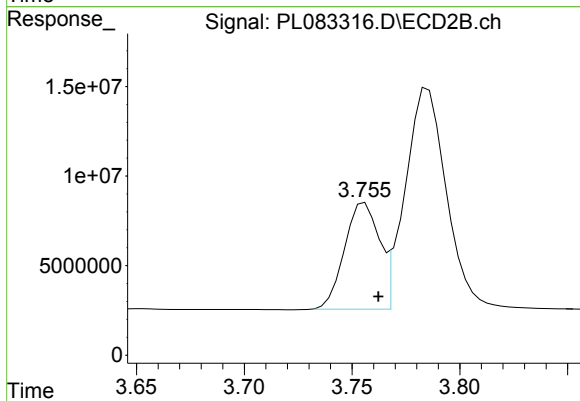
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: -0.008 min
Response: 156632823
Conc: 48.14 ng/ml



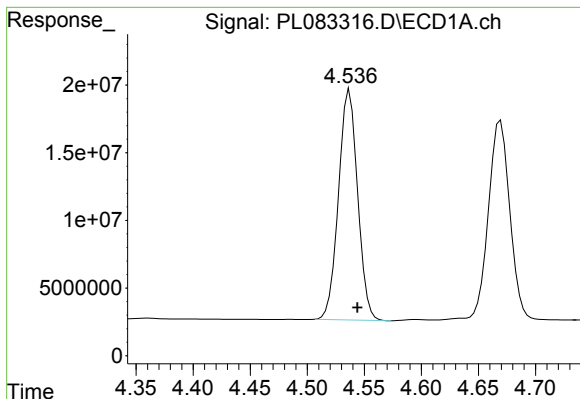
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 88183516
Conc: 46.84 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.006 min
Response: 66596360
Conc: 46.57 ng/ml



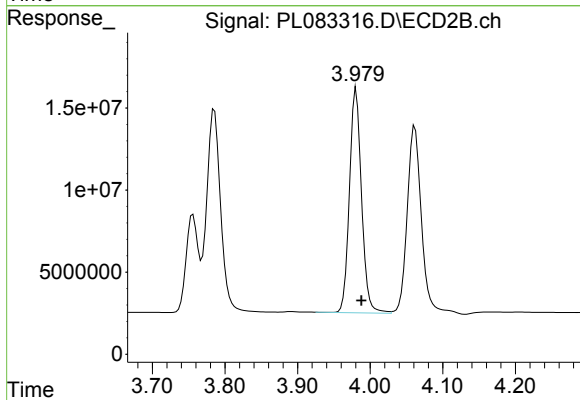
#7 delta-BHC

R.T.: 4.537 min
Delta R.T.: -0.007 min
Response: 198617733
Conc: 57.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

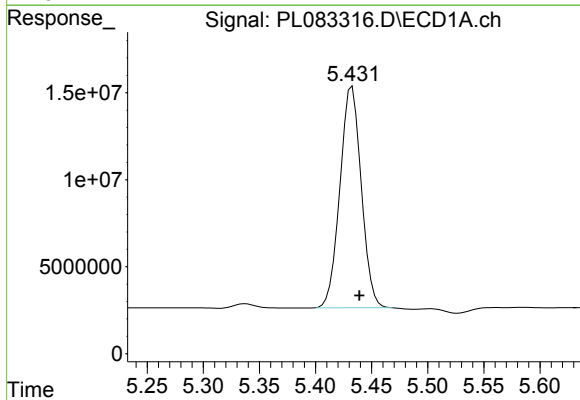
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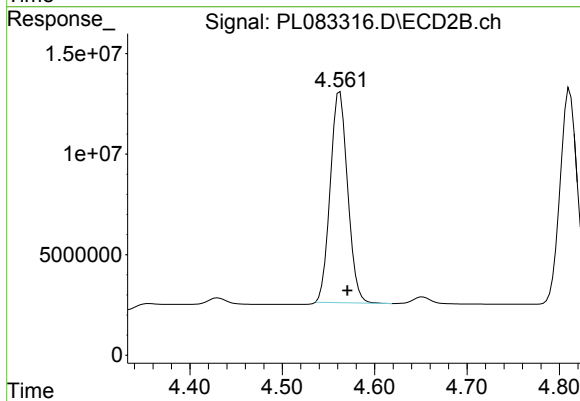
#7 delta-BHC

R.T.: 3.981 min
Delta R.T.: -0.007 min
Response: 158356934
Conc: 48.33 ng/ml



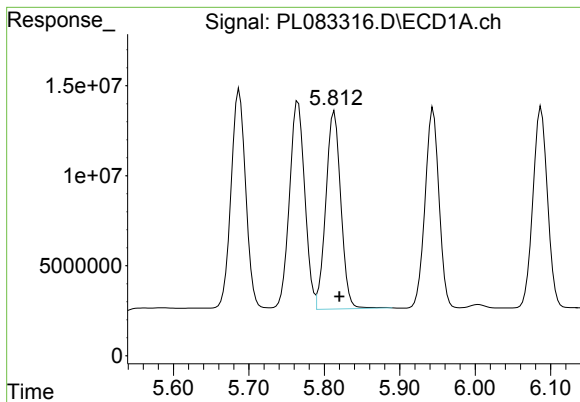
#8 Heptachlor epoxide

R.T.: 5.433 min
Delta R.T.: -0.006 min
Response: 168109797
Conc: 52.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.562 min
Delta R.T.: -0.008 min
Response: 137271434
Conc: 46.25 ng/ml



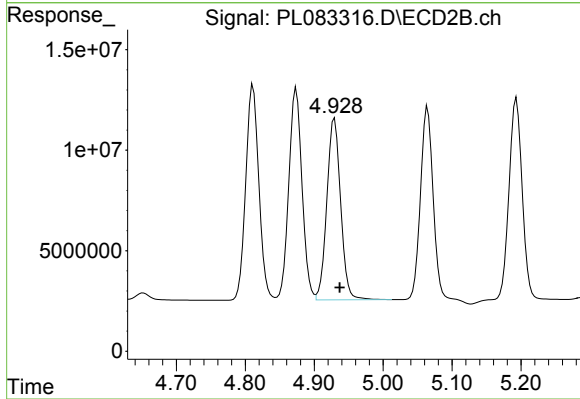
#9 Endosulfan I

R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 151823341
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

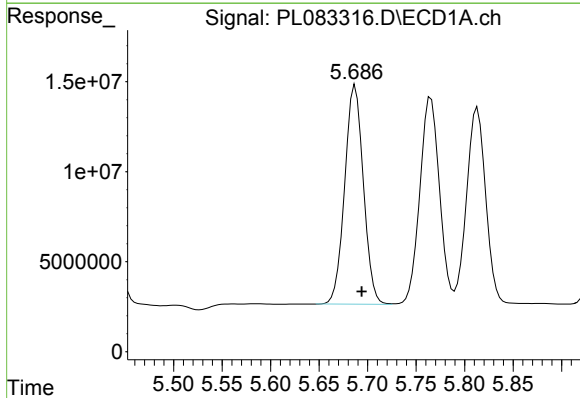
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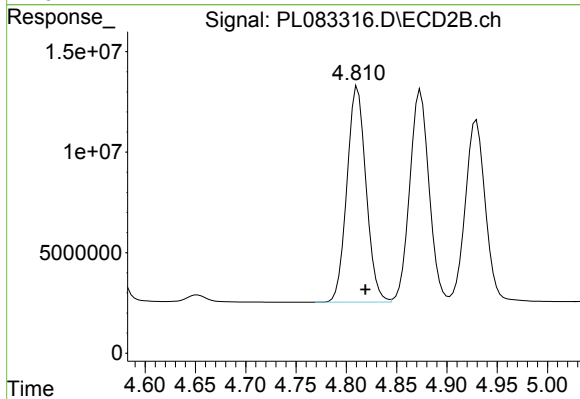
#9 Endosulfan I

R.T.: 4.929 min
Delta R.T.: -0.008 min
Response: 125403067
Conc: 44.88 ng/ml



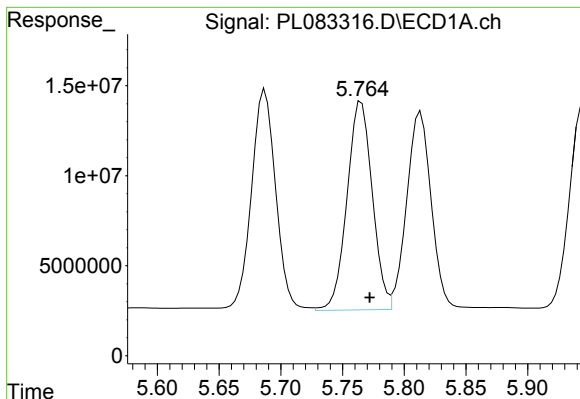
#10 gamma-Chlordane

R.T.: 5.686 min
Delta R.T.: -0.008 min
Response: 162973143
Conc: 51.30 ng/ml m



#10 gamma-Chlordane

R.T.: 4.811 min
Delta R.T.: -0.008 min
Response: 141385096
Conc: 47.08 ng/ml



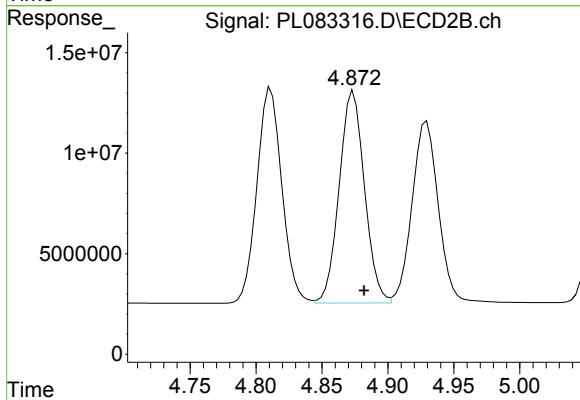
#11 alpha-Chlordane

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 165182319
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

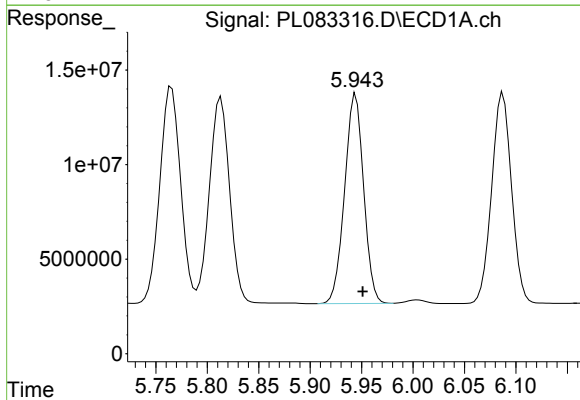
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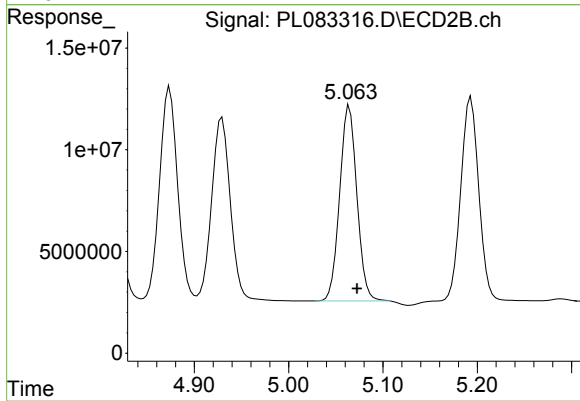
#11 alpha-Chlordane

R.T.: 4.874 min
Delta R.T.: -0.008 min
Response: 140742896
Conc: 46.88 ng/ml



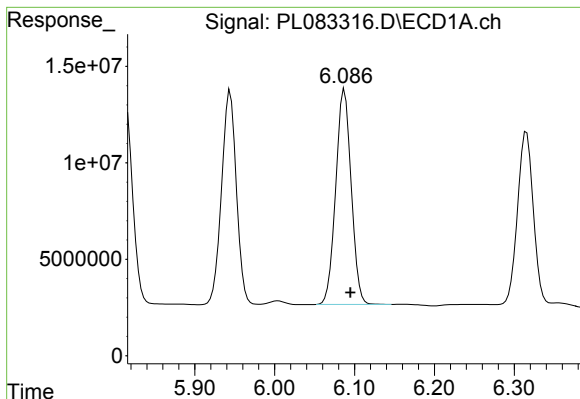
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 142458416
Conc: 51.68 ng/ml



#12 4,4'-DDE

R.T.: 5.063 min
Delta R.T.: -0.009 min
Response: 122179181
Conc: 50.31 ng/ml m



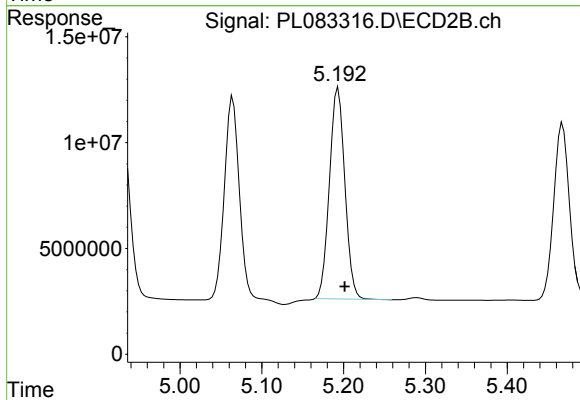
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 149960894
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

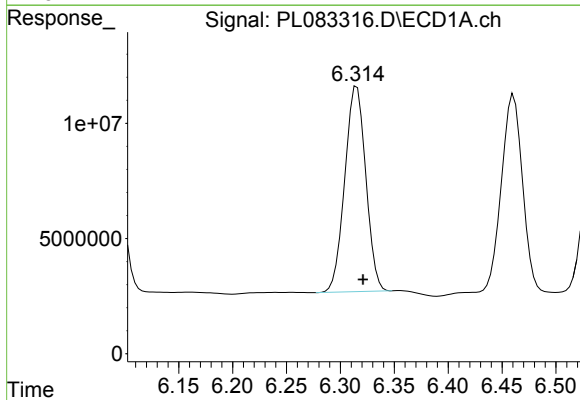
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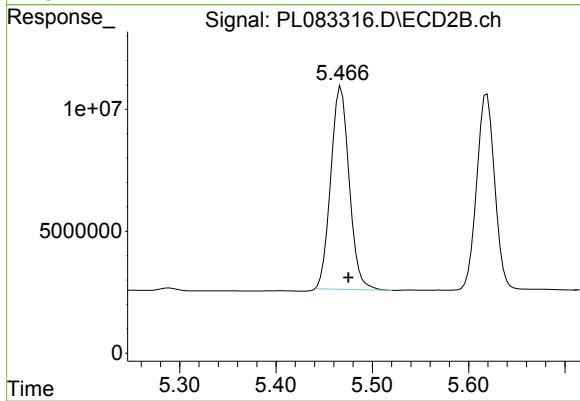
#13 Dieldrin

R.T.: 5.193 min
Delta R.T.: -0.008 min
Response: 130845628
Conc: 46.35 ng/ml



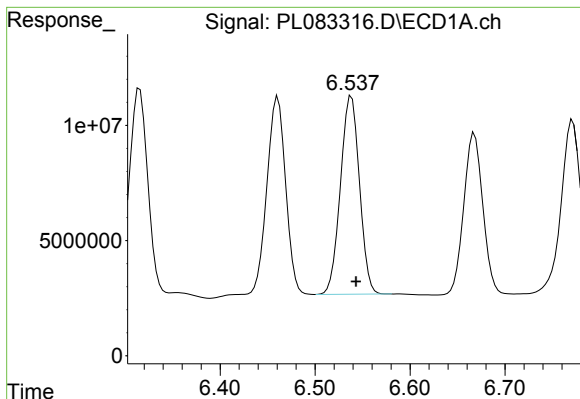
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 121151628
Conc: 45.08 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 110701326
Conc: 43.64 ng/ml



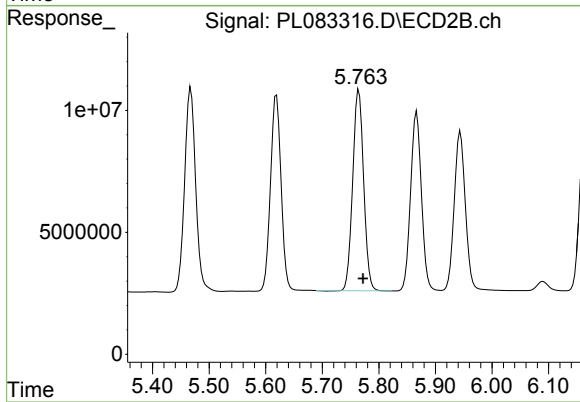
#15 Endosulfan II

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 119981374
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

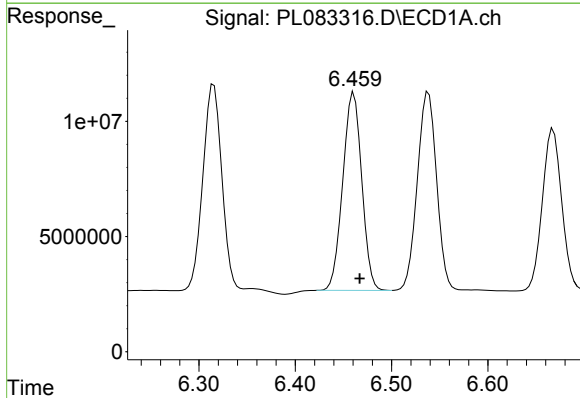
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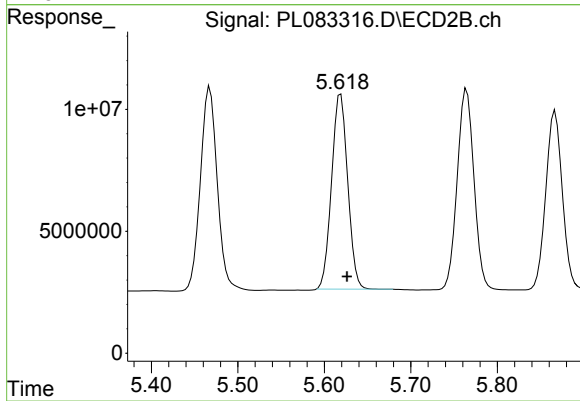
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 111068605
Conc: 44.89 ng/ml



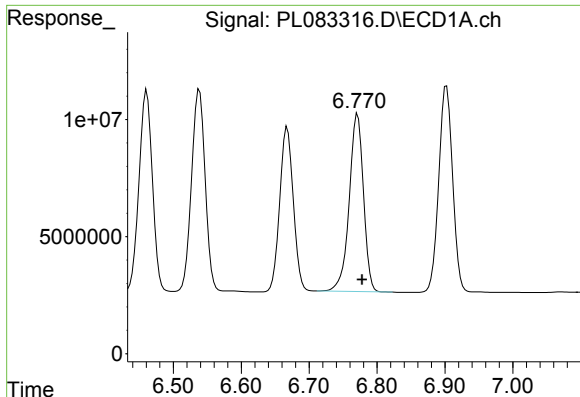
#16 4,4'-DDD

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 117388780
Conc: 54.02 ng/ml



#16 4,4'-DDD

R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 103344062
Conc: 53.73 ng/ml



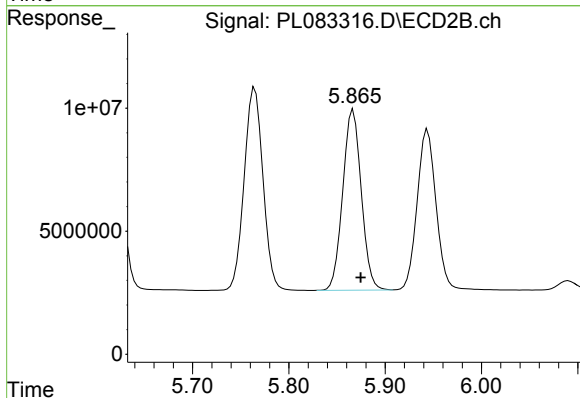
#17 4,4'-DDT

R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 110510651
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

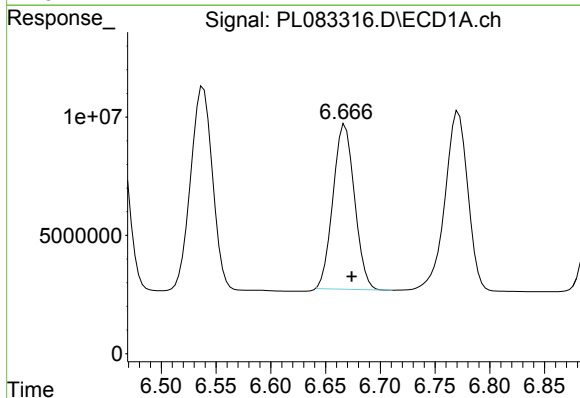
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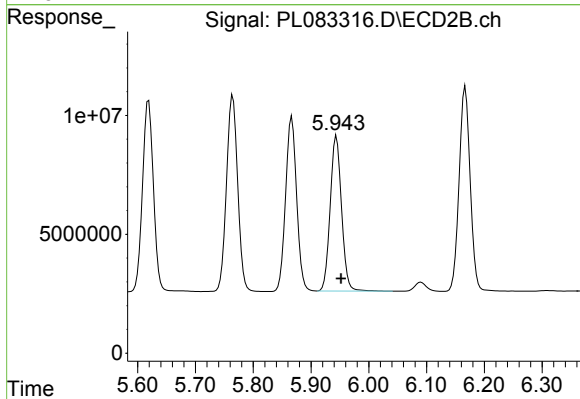
#17 4,4'-DDT

R.T.: 5.865 min
Delta R.T.: -0.009 min
Response: 97697551
Conc: 43.79 ng/ml m



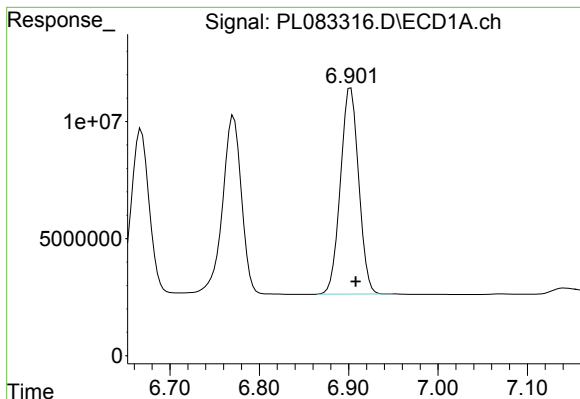
#18 Endrin aldehyde

R.T.: 6.668 min
Delta R.T.: -0.006 min
Response: 95176176
Conc: 47.34 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 89167345
Conc: 45.09 ng/ml



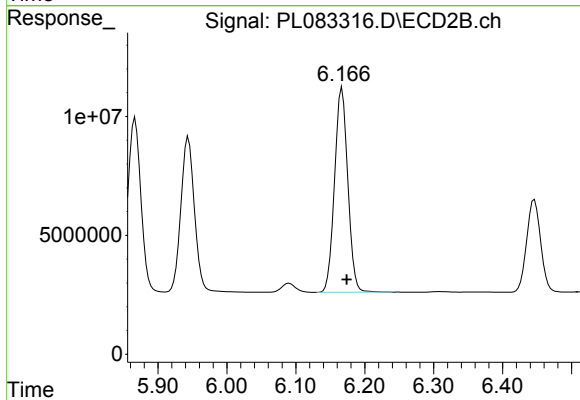
#19 Endosulfan Sulfate

R.T.: 6.902 min
Delta R.T.: -0.006 min
Response: 124739984
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

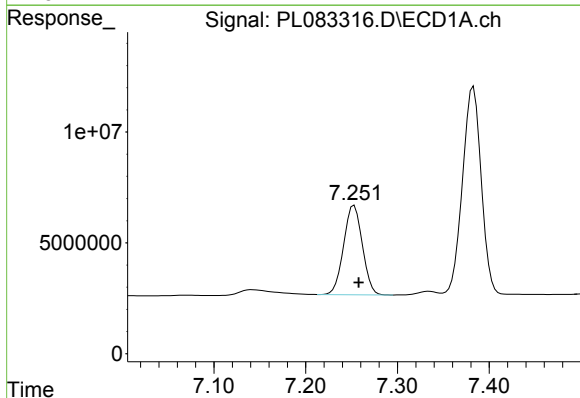
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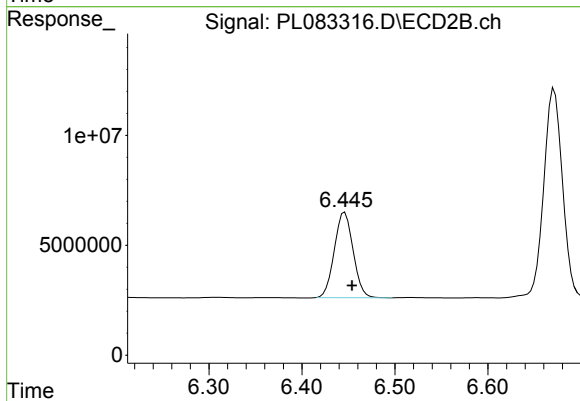
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: -0.007 min
Response: 114763284
Conc: 46.86 ng/ml



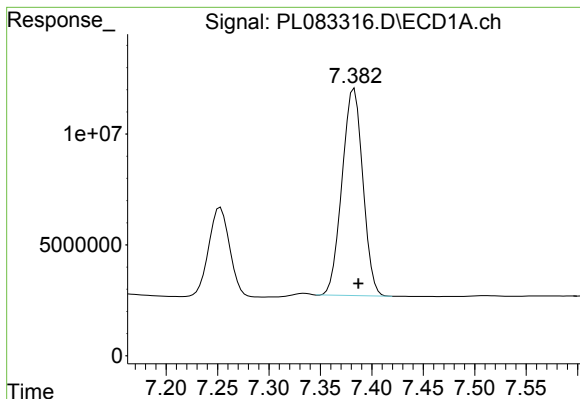
#20 Methoxychlor

R.T.: 7.253 min
Delta R.T.: -0.005 min
Response: 57066489
Conc: 43.15 ng/ml



#20 Methoxychlor

R.T.: 6.446 min
Delta R.T.: -0.008 min
Response: 54615723
Conc: 42.95 ng/ml



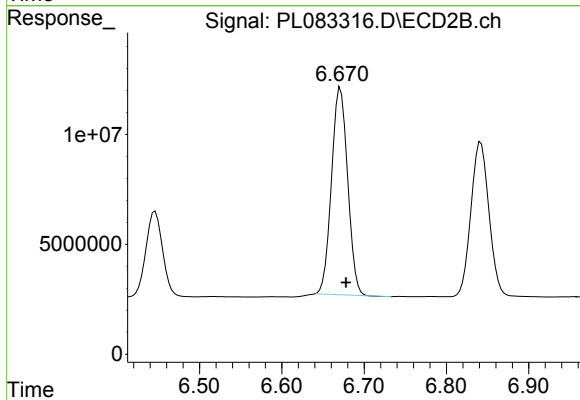
#21 Endrin ketone

R.T.: 7.383 min
Delta R.T.: -0.004 min
Response: 131357606
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

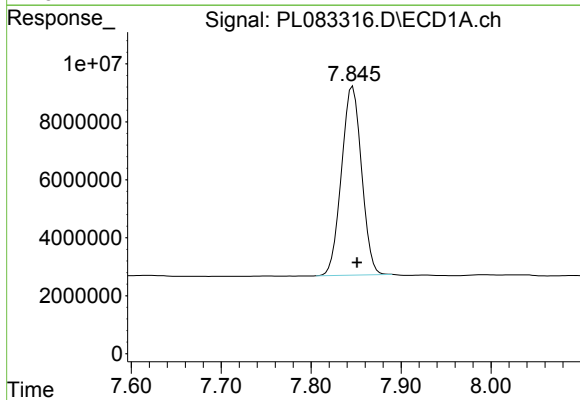
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/09/2023
Supervised By :Ankita Jodhani 06/09/2023



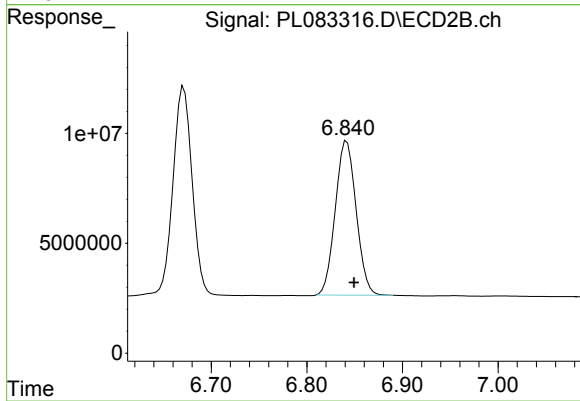
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 128656319
Conc: 47.58 ng/ml



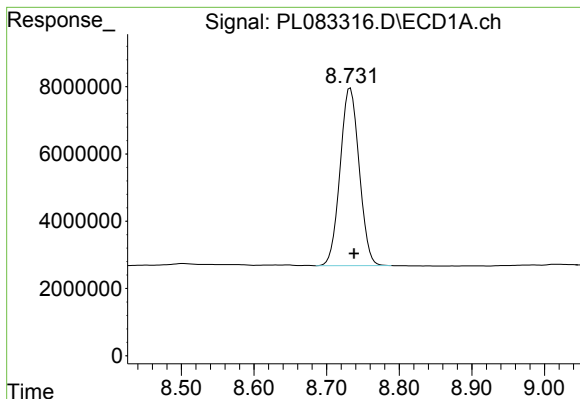
#22 Mirex

R.T.: 7.846 min
Delta R.T.: -0.005 min
Response: 101124467
Conc: 48.25 ng/ml



#22 Mirex

R.T.: 6.842 min
Delta R.T.: -0.008 min
Response: 106298520
Conc: 45.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: -0.005 min
Response: 96374368
Conc: 45.95 ng/ml

Instrument :

ECD_L

ClientSampleId :

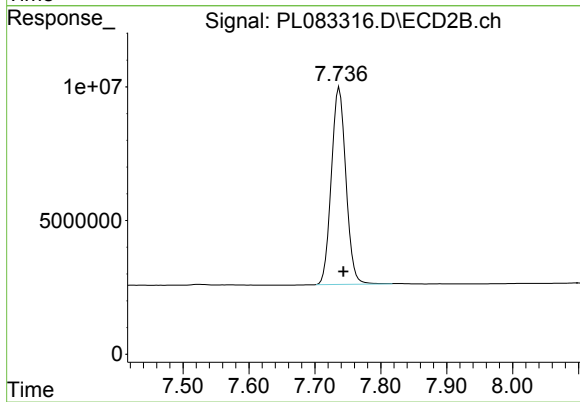
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.006 min
Response: 113215777
Conc: 45.53 ng/ml