

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052423\
 Data File : PL082963.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2023 12:47
 Operator : AR\AJ
 Sample : PB152901BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152901BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/25/2023
 Supervised By : Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 21:20:50 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...	3.328	2.638	64272262	53588901	21.869	20.642
28)	SA Decachlor...	8.749	7.749	56865729	65567002	27.113	26.369
Target Compounds							
2)	A alpha-BHC	3.777	3.135	48759307	38311934	10.984	10.267
3)	MA gamma-BHC...	4.105	3.461	46579425	37143574	11.243	11.143
4)	MA Heptachlor	4.684	3.793	47075783	40910596	12.316	11.174
5)	MB Aldrin	5.020	4.069	42451416	35868563	12.067	11.024
6)	B beta-BHC	4.310	3.763	22524908	17424178	11.964	12.184
7)	B delta-BHC	4.550	3.988	46901527	34418427	13.638	10.505
8)	B Heptachlo...	5.447	4.571	39375213	35261892	12.310	11.881
9)	A Endosulfan I	5.827	4.939	37673517	33004847	12.555	11.811
10)	B gamma-Chl...	5.702	4.820	41321728	35373039	13.007	11.778
11)	B alpha-Chl...	5.779	4.883	40351706	35681756	12.573	11.886
12)	B 4,4'-DDE	5.958	5.074	33021618	28069831	11.980	11.557
13)	MA Dieldrin	6.102	5.203	36838282	32323581	12.247	11.450
14)	MA Endrin	6.328	5.477	30369286	27960796	11.301m	11.021
15)	B Endosulfa...	6.552	5.775	32391446	28825927	8.728	11.651 #
16)	A 4,4'-DDD	6.474	5.629	28330491	23732519	13.037	12.340
17)	MA 4,4'-DDT	6.785	5.877	28333213	23869121	11.319	10.699
18)	B Endrin al...	6.682	5.955	28010539	25801511	13.931	13.048
19)	B Endosulfa...	6.916	6.178	33110058	30199906	12.915	12.332
20)	A Methoxychlor	7.266	6.457	15676582	14647896	11.855	11.518
21)	B Endrin ke...	7.394	6.683	35231433	33874222	13.812m	12.528
22)	Mirex	7.860	6.854	33491928	37156640	15.979	15.880

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052423\
Data File : PL082963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 May 2023 12:47
Operator : AR\AJ
Sample : PB152901BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

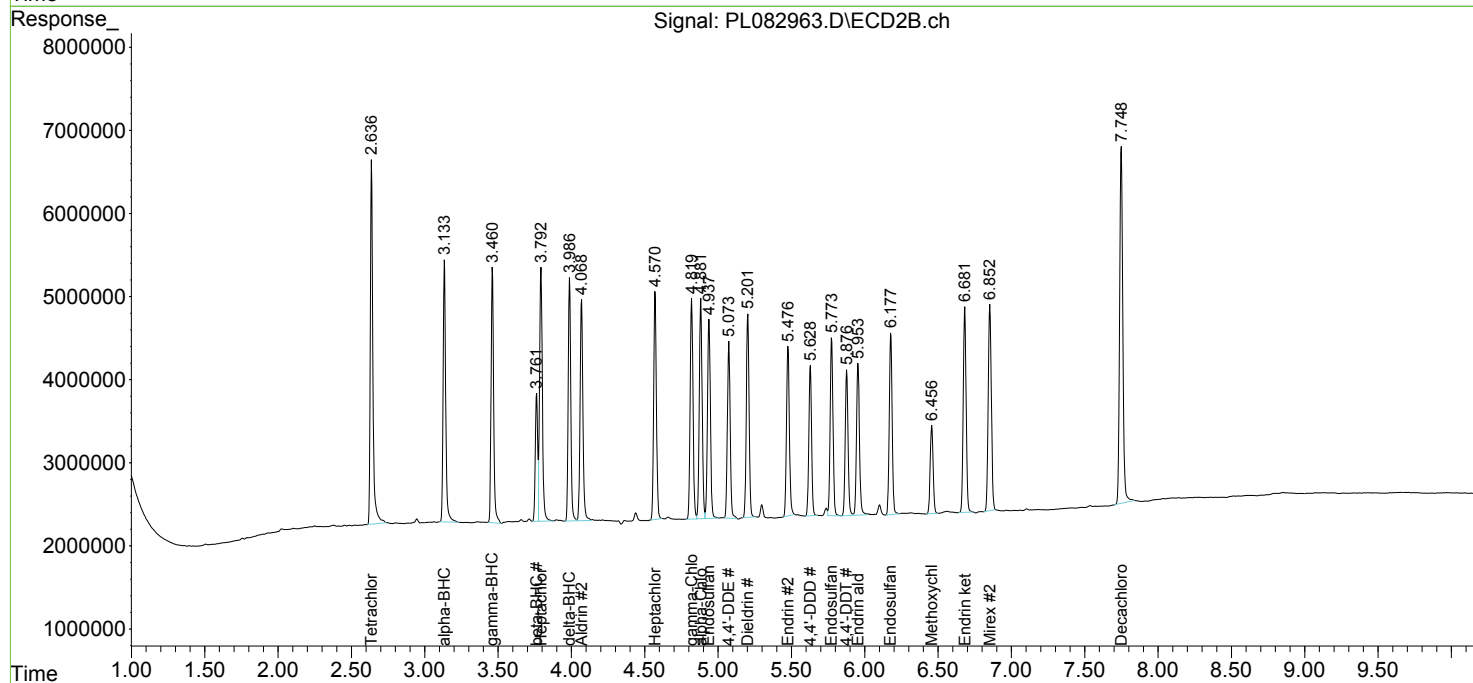
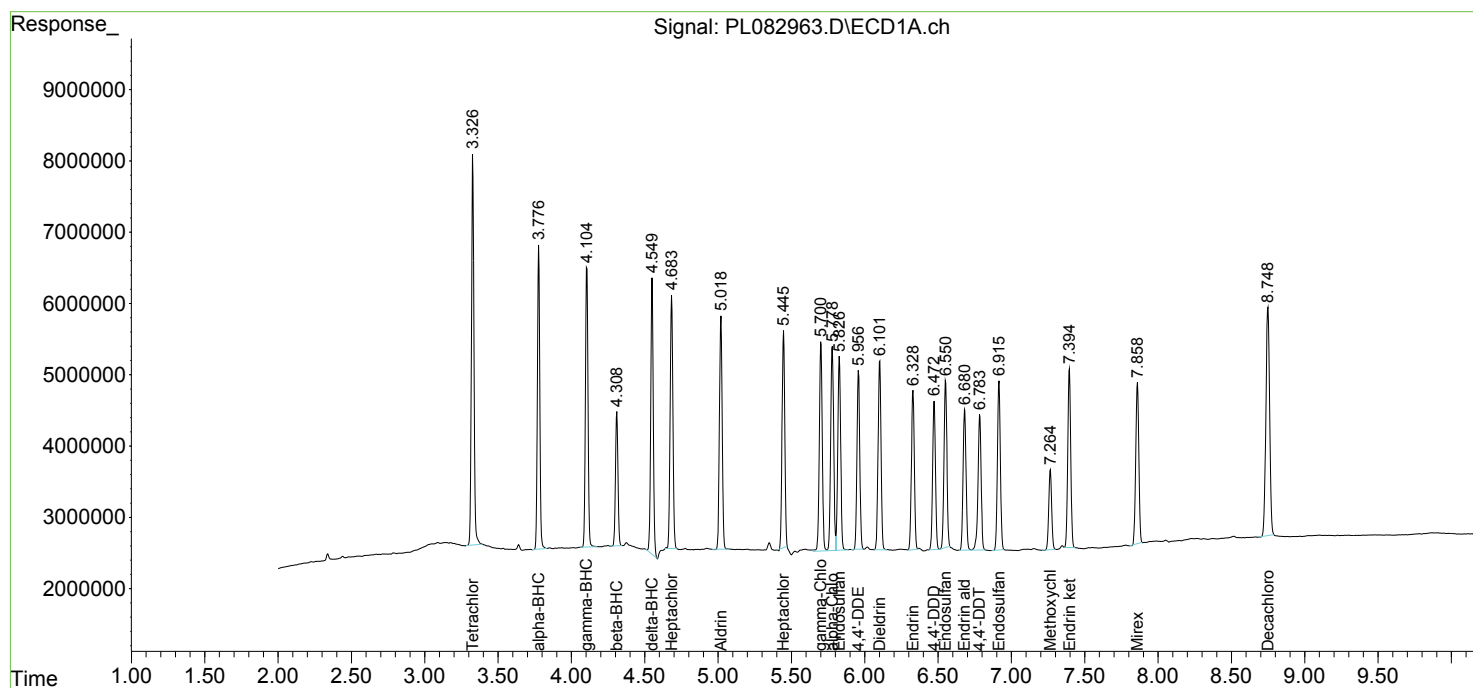
Instrument :
ECD_L
ClientSampleId :
PB152901BSD

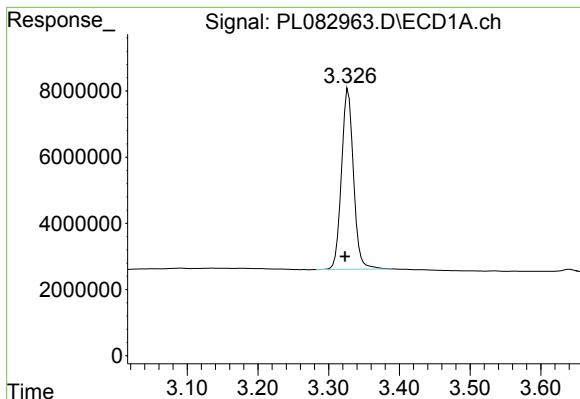
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/25/2023
Supervised By : Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 21:20:50 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





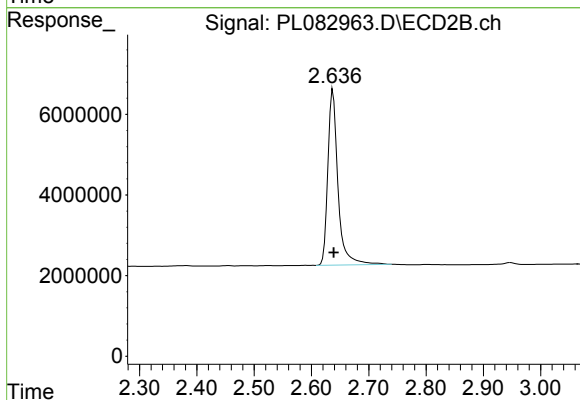
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: 0.005 min
Response: 64272262
Conc: 21.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152901BSD

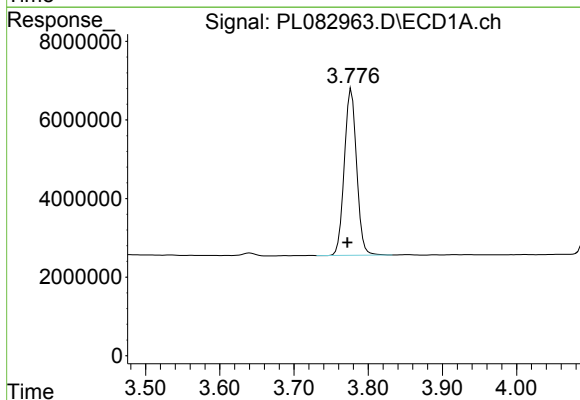
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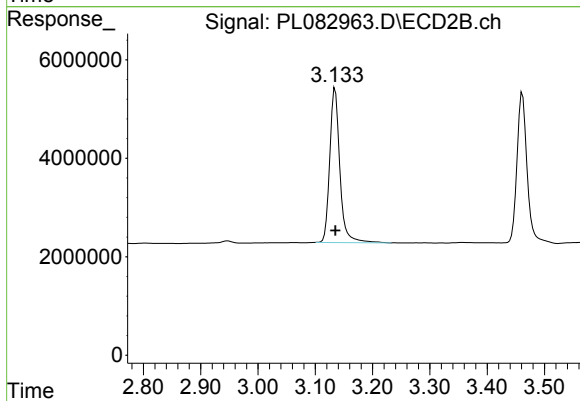
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.001 min
Response: 53588901
Conc: 20.64 ng/ml



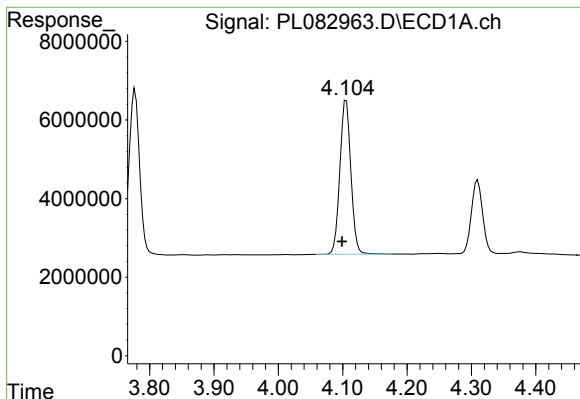
#2 alpha-BHC

R.T.: 3.777 min
Delta R.T.: 0.005 min
Response: 48759307
Conc: 10.98 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 38311934
Conc: 10.27 ng/ml



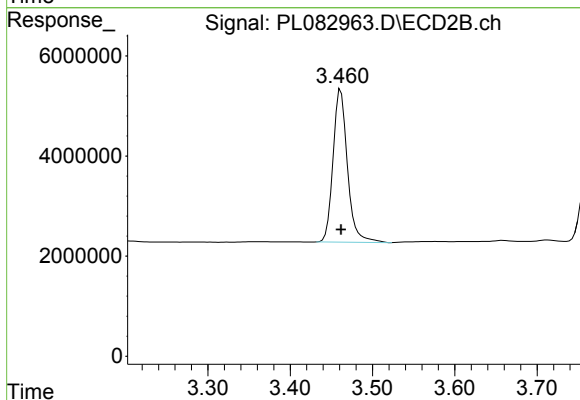
#3 gamma-BHC (Lindane)

R.T.: 4.105 min
Delta R.T.: 0.006 min
Response: 46579425
Conc: 11.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152901BSD

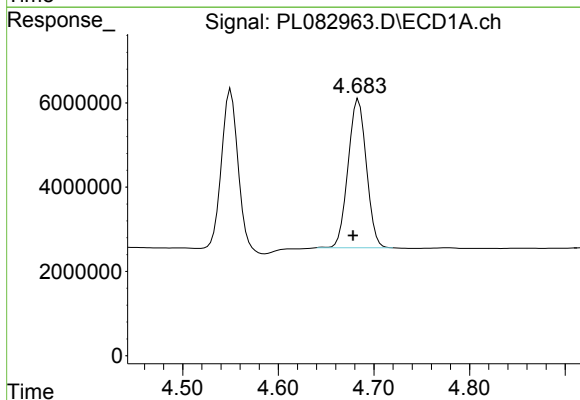
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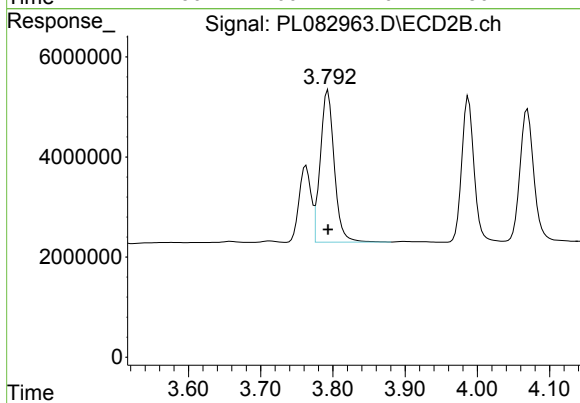
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: 0.000 min
Response: 37143574
Conc: 11.14 ng/ml



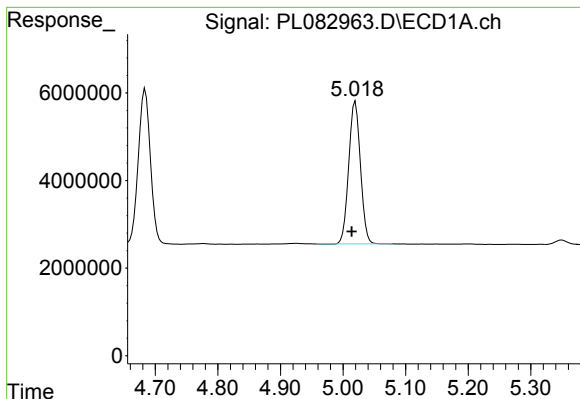
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: 0.006 min
Response: 47075783
Conc: 12.32 ng/ml



#4 Heptachlor

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 40910596
Conc: 11.17 ng/ml



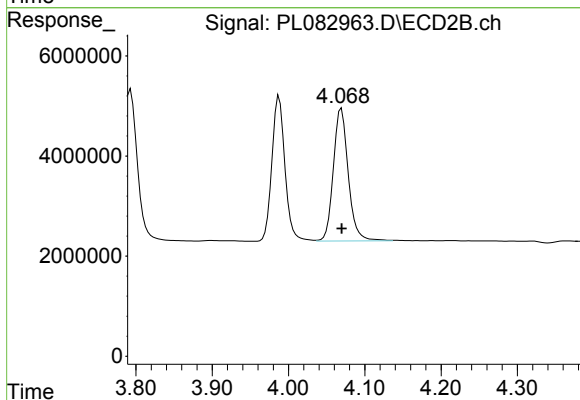
#5 Aldrin

R.T.: 5.020 min
Delta R.T.: 0.006 min
Response: 42451416
Conc: 12.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152901BSD

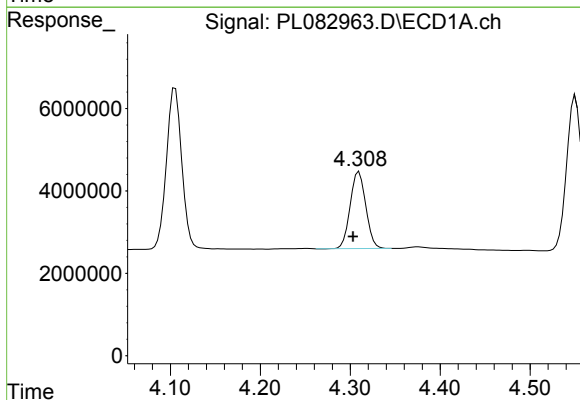
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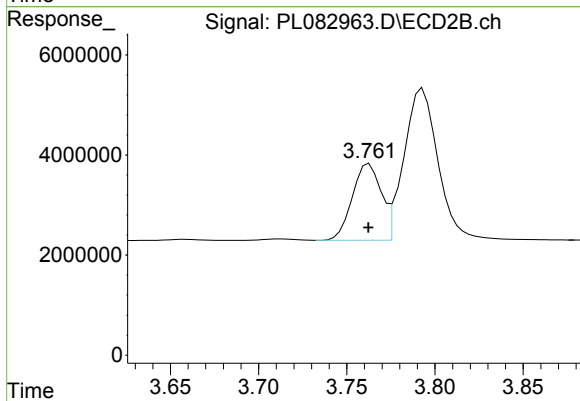
#5 Aldrin

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 35868563
Conc: 11.02 ng/ml



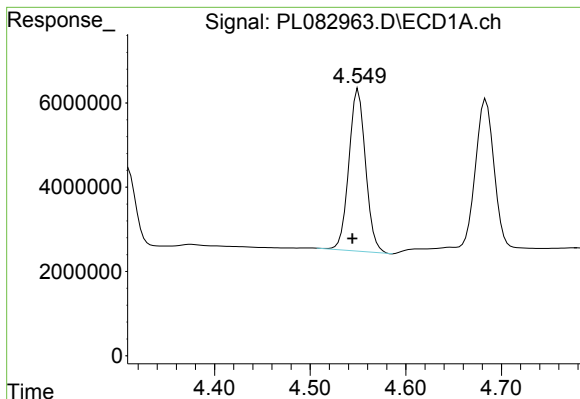
#6 beta-BHC

R.T.: 4.310 min
Delta R.T.: 0.007 min
Response: 22524908
Conc: 11.96 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 17424178
Conc: 12.18 ng/ml



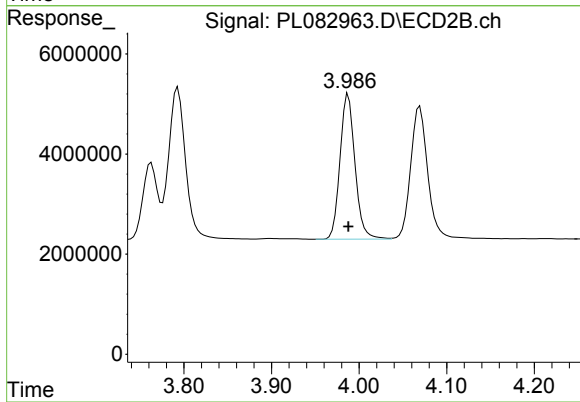
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: 0.006 min
Response: 46901527
Conc: 13.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152901BSD

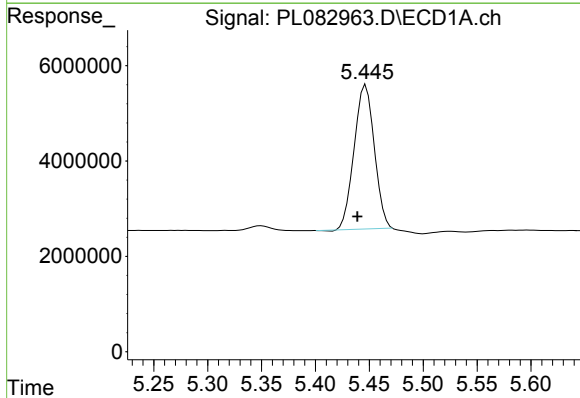
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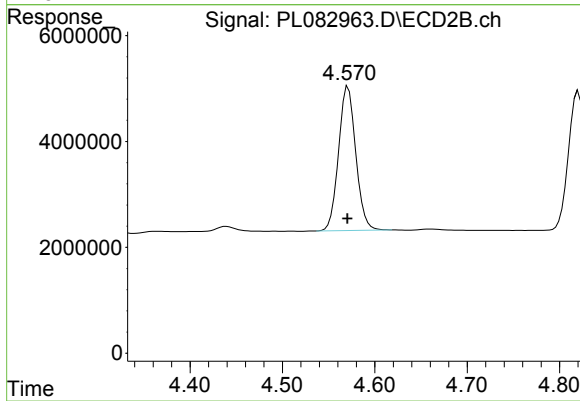
#7 delta-BHC

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 34418427
Conc: 10.50 ng/ml



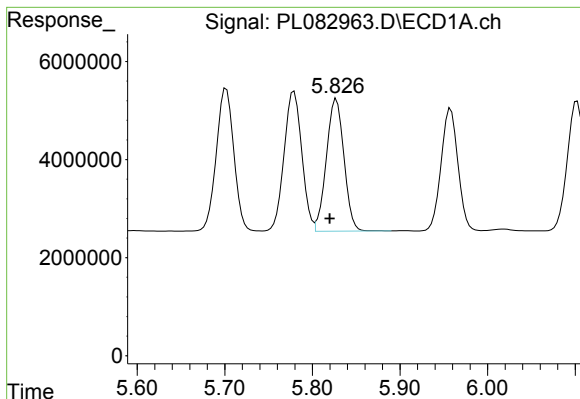
#8 Heptachlor epoxide

R.T.: 5.447 min
Delta R.T.: 0.008 min
Response: 39375213
Conc: 12.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 35261892
Conc: 11.88 ng/ml



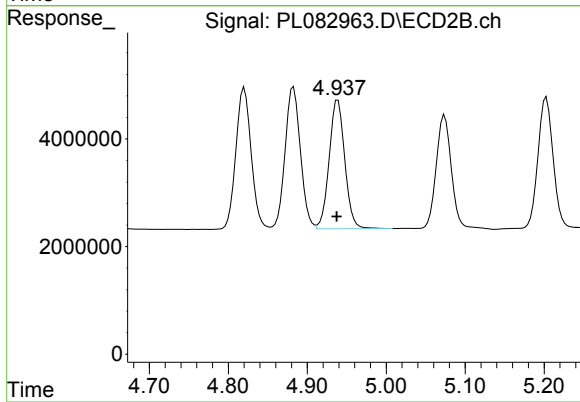
#9 Endosulfan I

R.T.: 5.827 min
Delta R.T.: 0.007 min
Response: 37673517
Conc: 12.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152901BSD

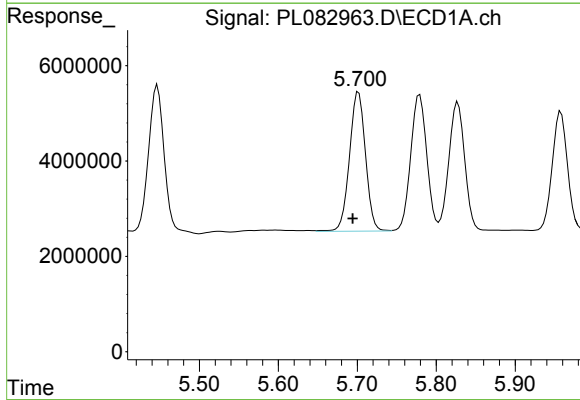
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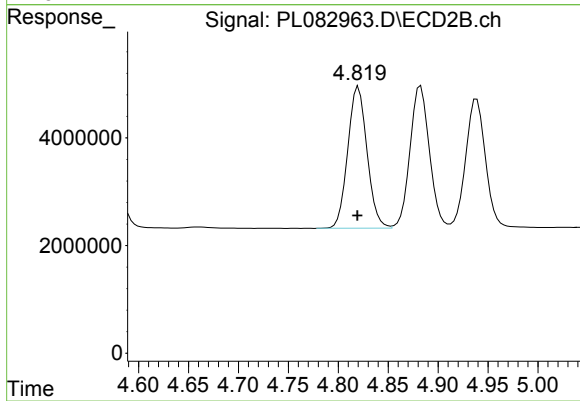
#9 Endosulfan I

R.T.: 4.939 min
Delta R.T.: 0.002 min
Response: 33004847
Conc: 11.81 ng/ml



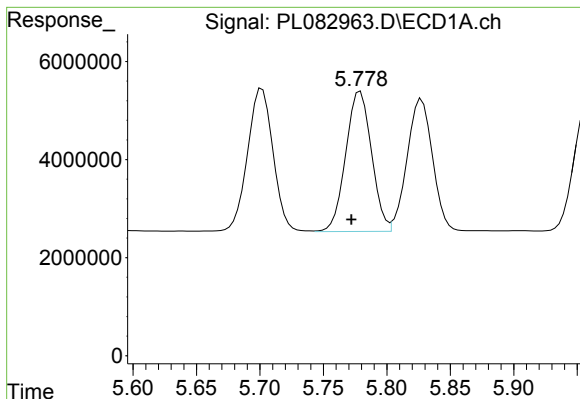
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: 0.008 min
Response: 41321728
Conc: 13.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.820 min
Delta R.T.: 0.001 min
Response: 35373039
Conc: 11.78 ng/ml



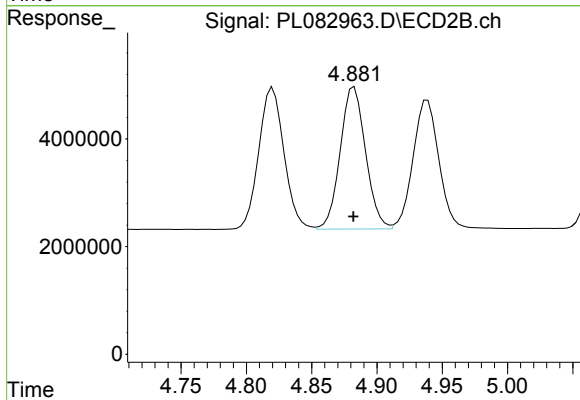
#11 alpha-Chlordane

R.T.: 5.779 min
Delta R.T.: 0.007 min
Response: 40351706
Conc: 12.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152901BSD

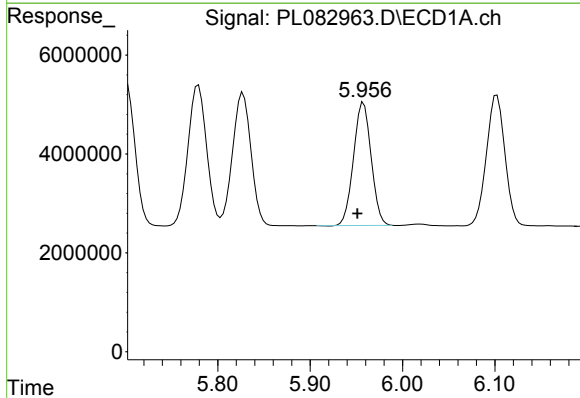
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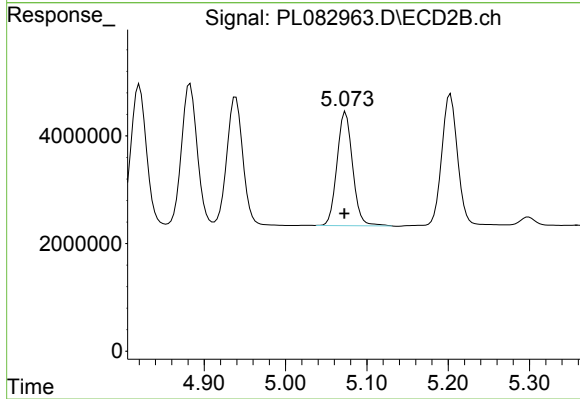
#11 alpha-Chlordane

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 35681756
Conc: 11.89 ng/ml



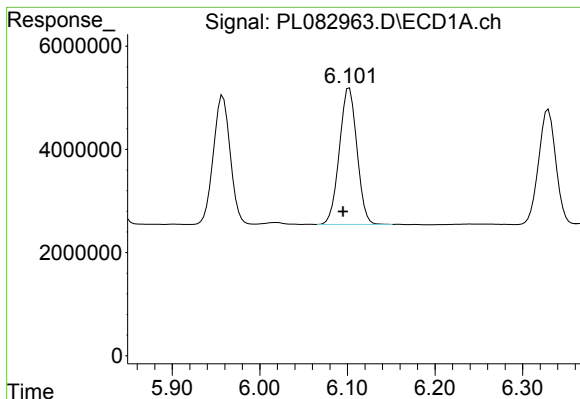
#12 4,4'-DDE

R.T.: 5.958 min
Delta R.T.: 0.007 min
Response: 33021618
Conc: 11.98 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: 0.002 min
Response: 28069831
Conc: 11.56 ng/ml



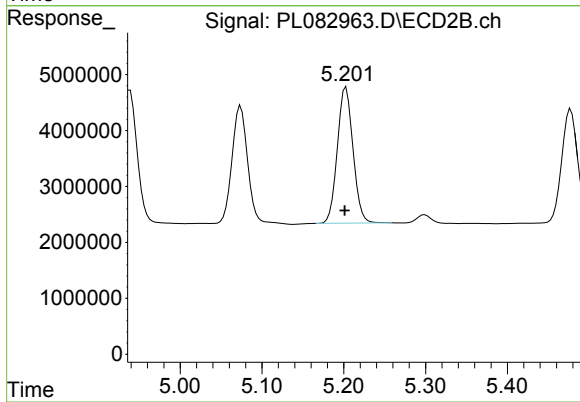
#13 Dieldrin

R.T.: 6.102 min
Delta R.T.: 0.007 min
Response: 36838282
Conc: 12.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152901BSD

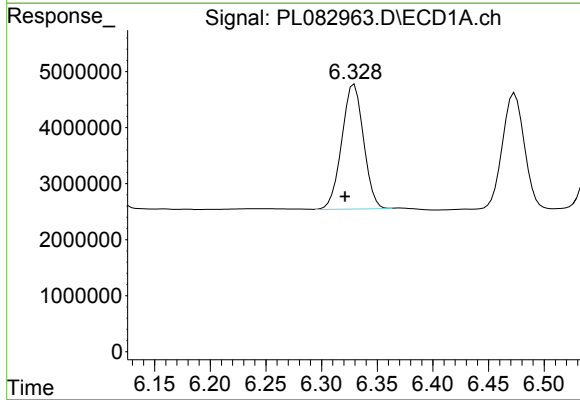
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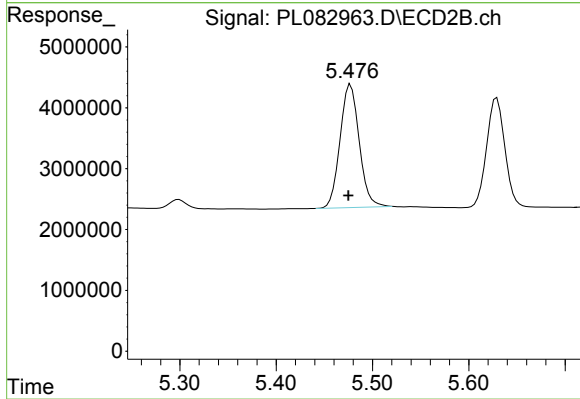
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: 0.002 min
Response: 32323581
Conc: 11.45 ng/ml



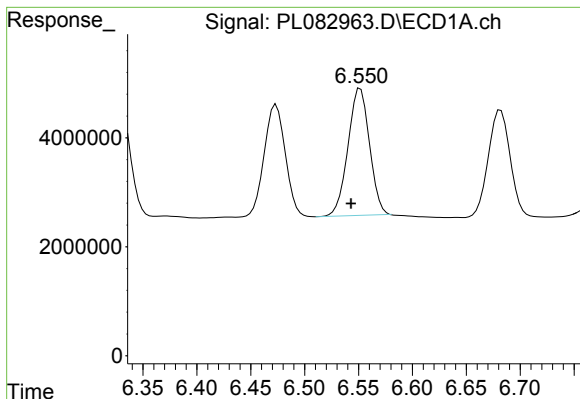
#14 Endrin

R.T.: 6.328 min
Delta R.T.: 0.007 min
Response: 30369286
Conc: 11.30 ng/ml m



#14 Endrin

R.T.: 5.477 min
Delta R.T.: 0.002 min
Response: 27960796
Conc: 11.02 ng/ml



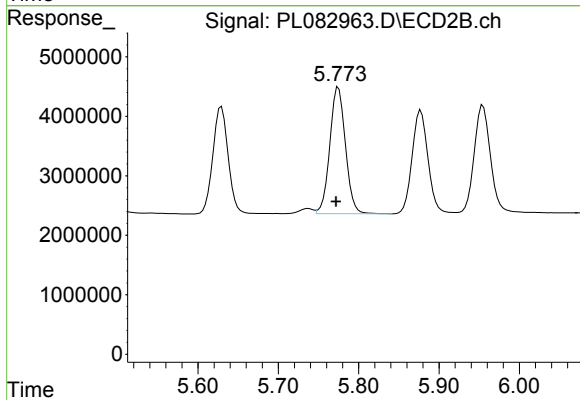
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: 0.009 min
Response: 32391446
Conc: 8.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152901BSD

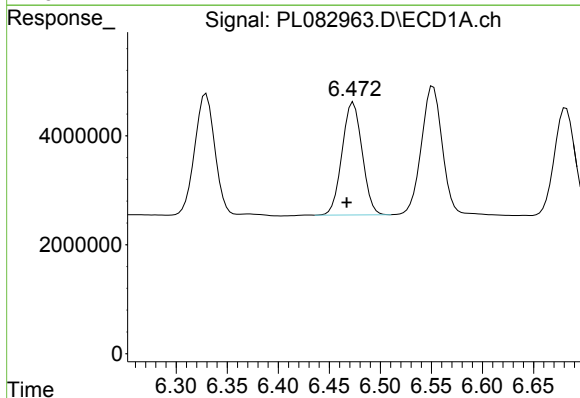
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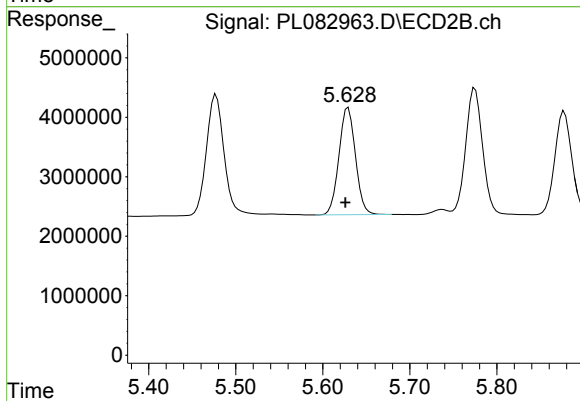
#15 Endosulfan II

R.T.: 5.775 min
Delta R.T.: 0.003 min
Response: 28825927
Conc: 11.65 ng/ml



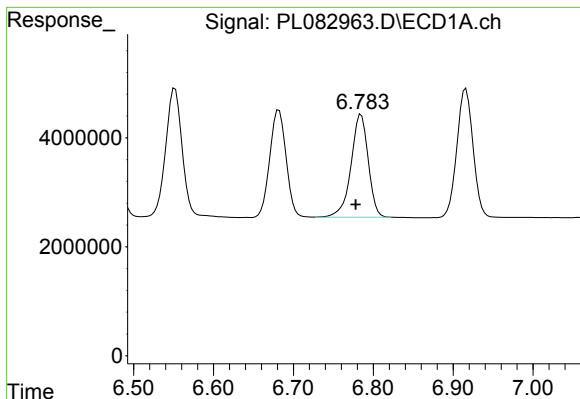
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: 0.007 min
Response: 28330491
Conc: 13.04 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: 0.003 min
Response: 23732519
Conc: 12.34 ng/ml



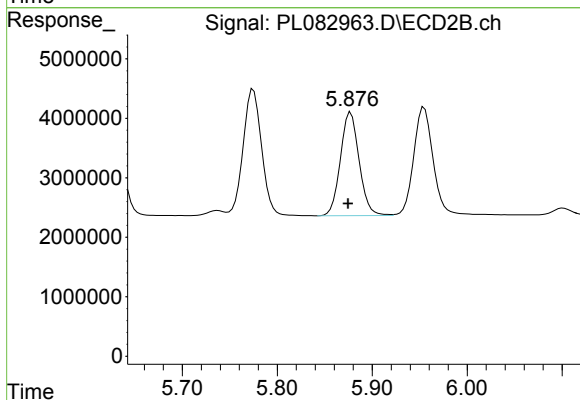
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: 0.007 min
Response: 28333213
Conc: 11.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152901BSD

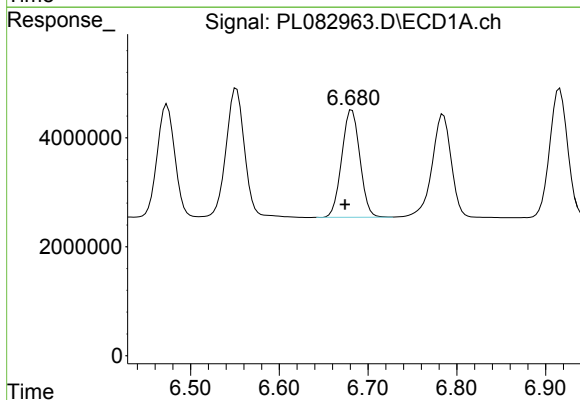
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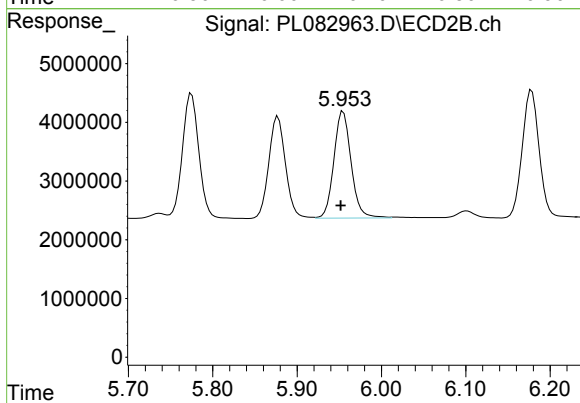
#17 4,4'-DDT

R.T.: 5.877 min
Delta R.T.: 0.003 min
Response: 23869121
Conc: 10.70 ng/ml



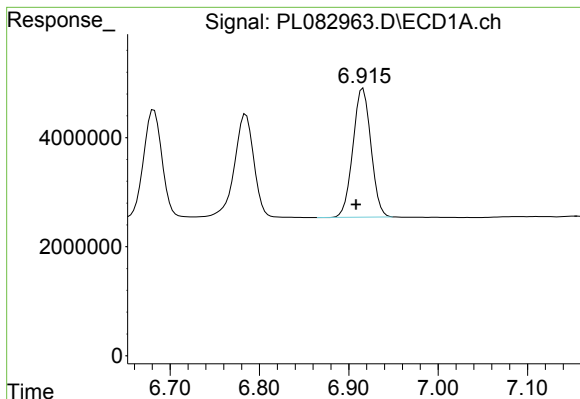
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: 0.008 min
Response: 28010539
Conc: 13.93 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 25801511
Conc: 13.05 ng/ml



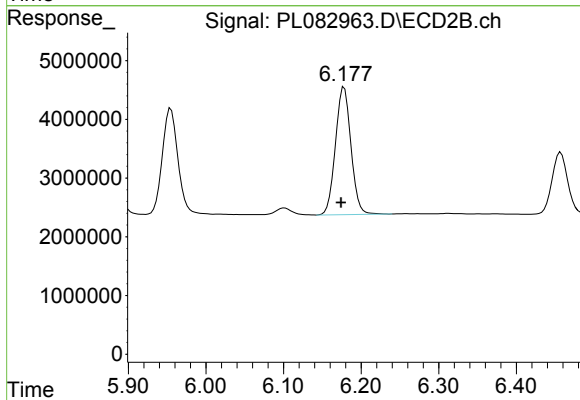
#19 Endosulfan Sulfate

R.T.: 6.916 min
Delta R.T.: 0.008 min
Response: 33110058
Conc: 12.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152901BSD

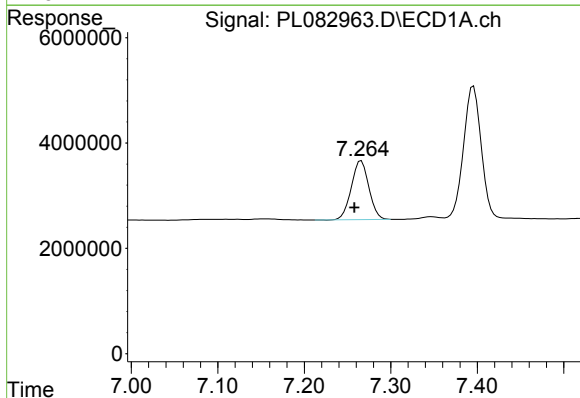
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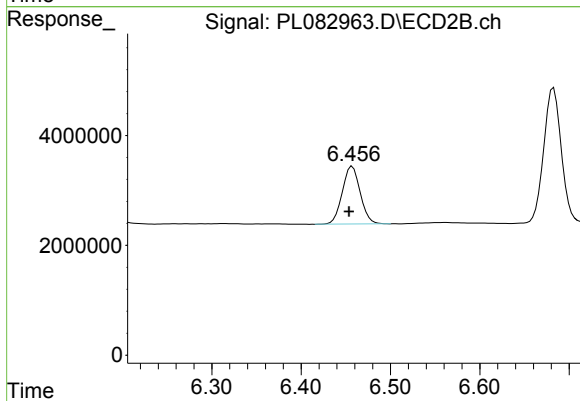
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.004 min
Response: 30199906
Conc: 12.33 ng/ml



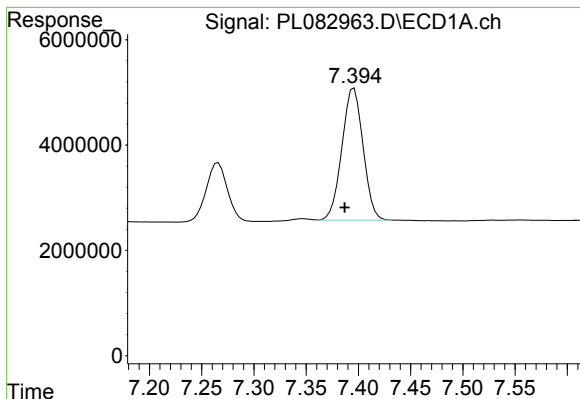
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: 0.008 min
Response: 15676582
Conc: 11.85 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: 0.003 min
Response: 14647896
Conc: 11.52 ng/ml



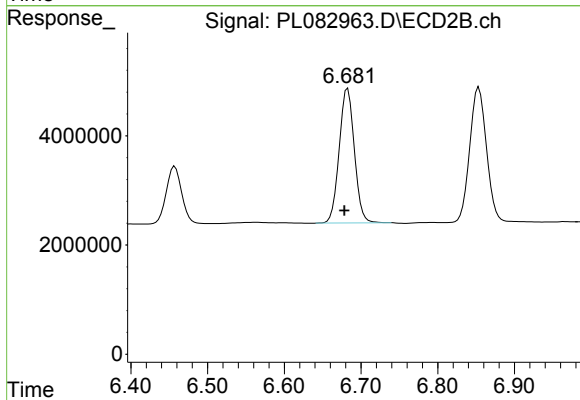
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: 0.007 min
Response: 35231433
Conc: 13.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152901BSD

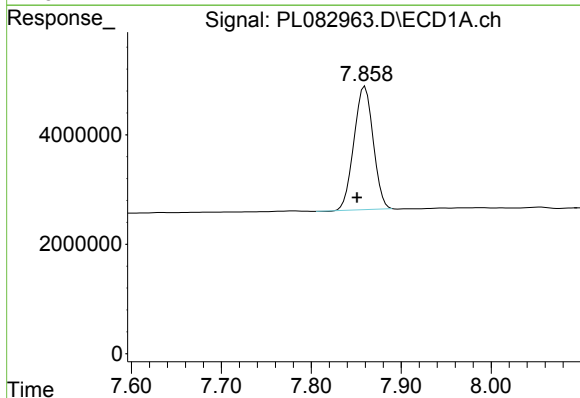
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Supervised By :Ankita Jodhani 05/26/2023



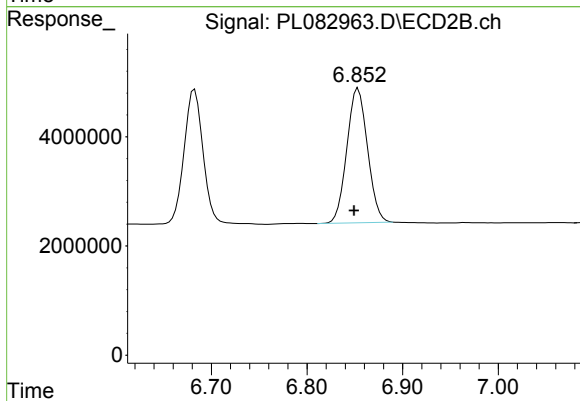
#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: 0.004 min
Response: 33874222
Conc: 12.53 ng/ml



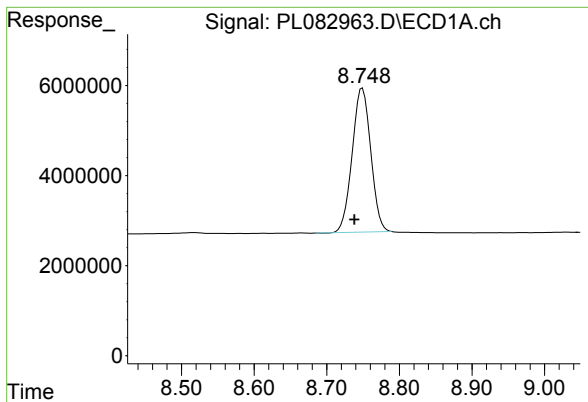
#22 Mirex

R.T.: 7.860 min
Delta R.T.: 0.009 min
Response: 33491928
Conc: 15.98 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: 0.004 min
Response: 37156640
Conc: 15.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.749 min
Delta R.T.: 0.011 min
Response: 56865729
Conc: 27.11 ng/ml

Instrument :

ECD_L

ClientSampleId :

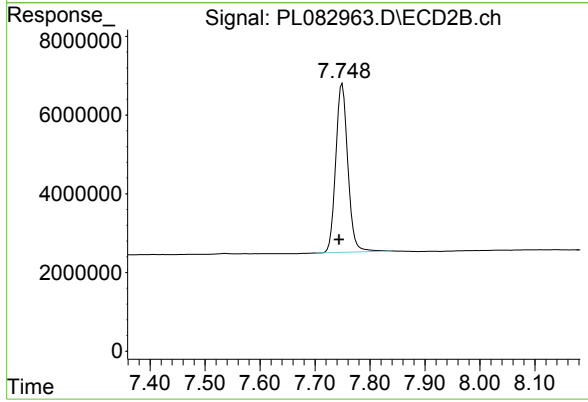
PB152901BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/25/2023

Supervised By :Ankita Jodhani 05/26/2023



#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: 0.006 min
Response: 65567002
Conc: 26.37 ng/ml