

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071222\
 Data File : PL076400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 23:23
 Operator : AR\AJ
 Sample : PB146164BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB146164BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/13/2022
 Supervised By :Ankita Jodhani 07/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 04:39:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070822.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 08 16:50:17 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...	5.637	4.623	11788472	32999876	16.364	16.321
28)	SA Decachlor...	11.624	10.358	10807496	29666863	18.319	17.681
Target Compounds							
2)	A alpha-BHC	6.221	5.323	46541632	134.8E6	49.659	49.160
3)	MA gamma-BHC...	6.619	5.743	43843647	119.3E6	50.029	48.470
4)	MA Heptachlor	7.273	6.150	43791011	117.5E6	50.508	48.426
5)	MB Aldrin	7.646	6.473	39976930	110.3E6	51.460	50.861
6)	B beta-BHC	6.872	6.123	21098130	51199610	47.998	46.816
7)	B delta-BHC	7.142	6.382	41679035	116.9E6	62.245	48.856
8)	B Heptachlo...	8.113	7.046	37208092	99326765	47.794	50.395
9)	A Endosulfan I	8.522	7.448	34592323	93531749	51.212	50.721
10)	B gamma-Chl...	8.384	7.322	36852713	100.8E6	50.711	50.547
11)	B alpha-Chl...	8.465	7.391	36949420	99545097	51.056	49.511
12)	B 4,4'-DDE	8.652	7.602	32843364	93143283	52.979	50.677m
13)	MA Dieldrin	8.812	7.733	35136983	96769564	52.011	51.155
14)	MA Endrin	9.052	8.021	28475252	80922574	49.489	55.975m
15)	B Endosulfa...	9.286	8.333	30009376	78523651	50.230	50.808
16)	A 4,4'-DDD	9.193	8.187	28131726	75817070	53.844	52.289
17)	MA 4,4'-DDT	9.512	8.447	28778808	74824069	48.443	47.857
18)	B Endrin al...	9.421	8.520	24041759	62419324	49.812	49.812
19)	B Endosulfa...	9.659	8.750	30003655	80832289	50.256	50.831
20)	A Methoxychlor	9.997	9.036	15650877	41445055	46.704	48.584m
21)	B Endrin ke...	10.161	9.267	34774519	91075215	51.438	54.120
22)	Mirex	10.634	9.451	25391725	68139032	49.649	51.522m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071222\
Data File : PL076400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2022 23:23
Operator : AR\AJ
Sample : PB146164BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

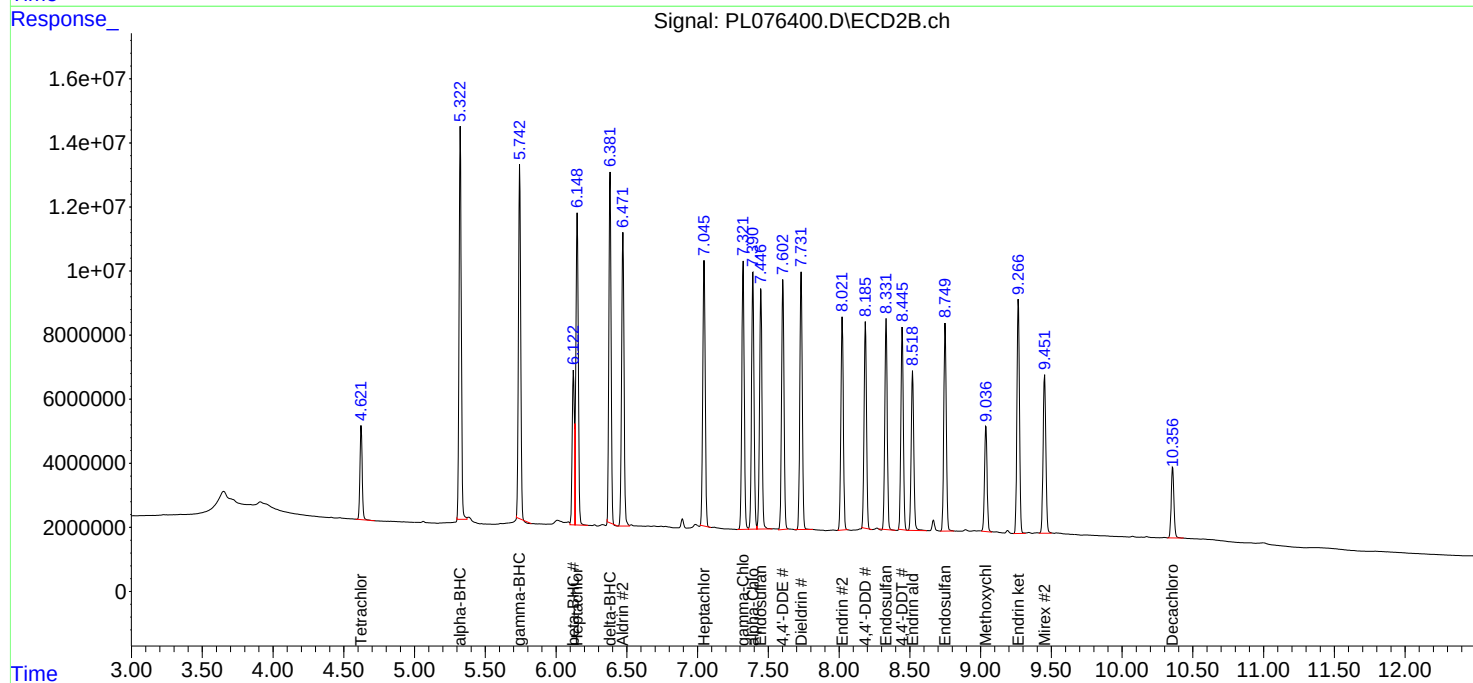
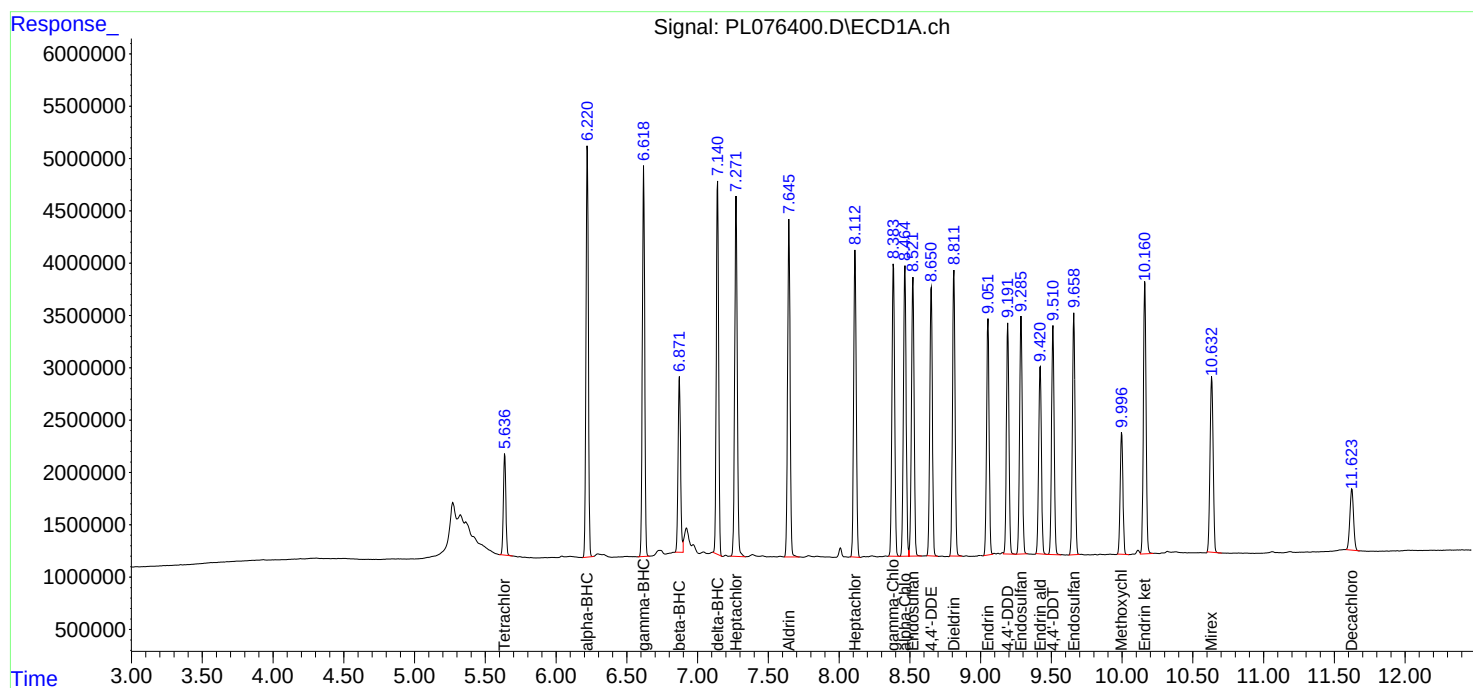
Instrument :
ECD_L
ClientSampleId :
PB146164BS

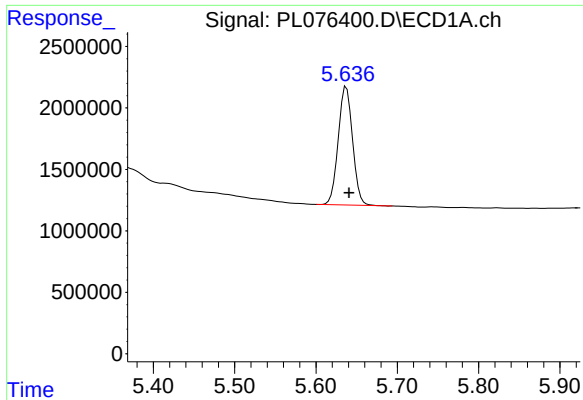
Manual Integrations
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Reviewed By :Abdul Mirza 07/13/2022
Supervised By :Ankita Jodhani 07/13/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 13 04:39:11 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070822.M
Quant Title : GC Extractables
QLast Update : Fri Jul 08 16:50:17 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





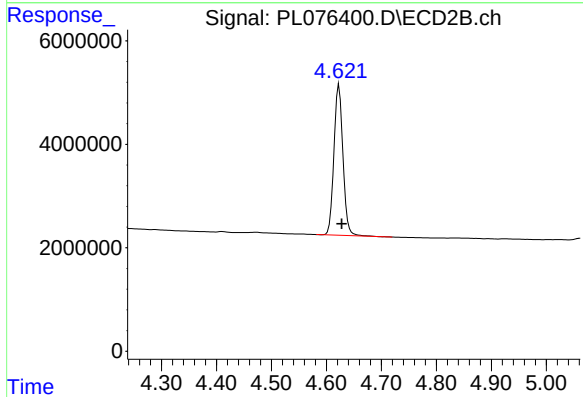
#1 Tetrachloro-m-xylene

R.T.: 5.637 min
Delta R.T.: -0.004 min
Response: 11788472
Conc: 16.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

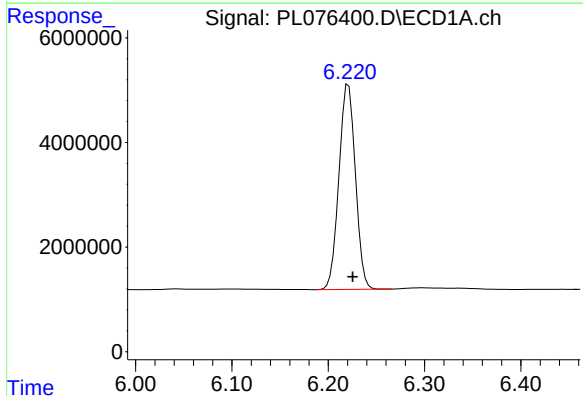
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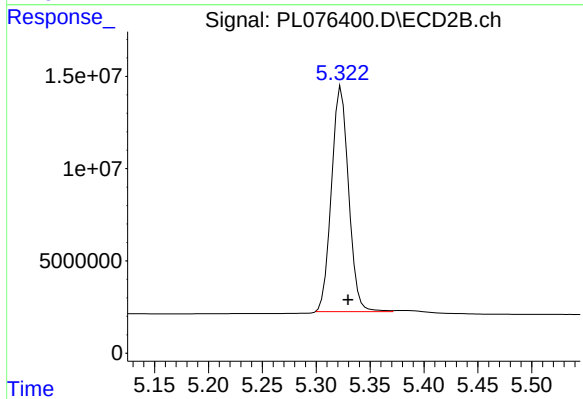
#1 Tetrachloro-m-xylene

R.T.: 4.623 min
Delta R.T.: -0.005 min
Response: 32999876
Conc: 16.32 ng/ml



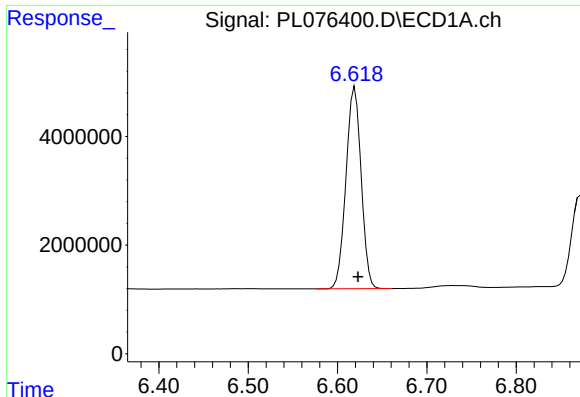
#2 alpha-BHC

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 46541632
Conc: 49.66 ng/ml



#2 alpha-BHC

R.T.: 5.323 min
Delta R.T.: -0.006 min
Response: 134829693
Conc: 49.16 ng/ml



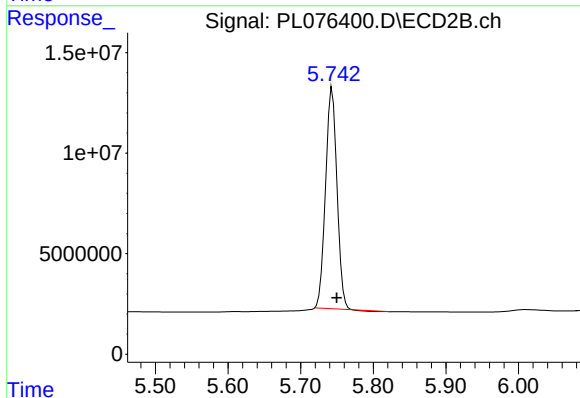
#3 gamma-BHC (Lindane)

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 43843647
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

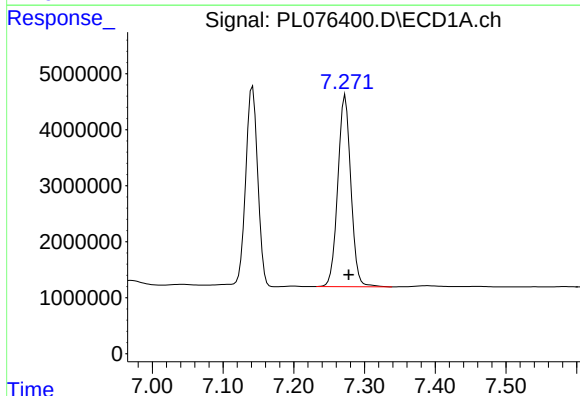
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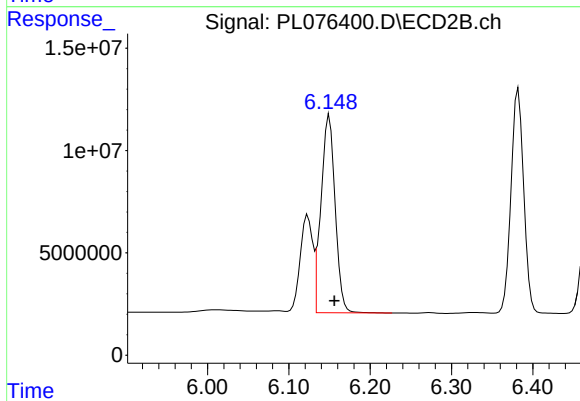
#3 gamma-BHC (Lindane)

R.T.: 5.743 min
Delta R.T.: -0.006 min
Response: 119296568
Conc: 48.47 ng/ml



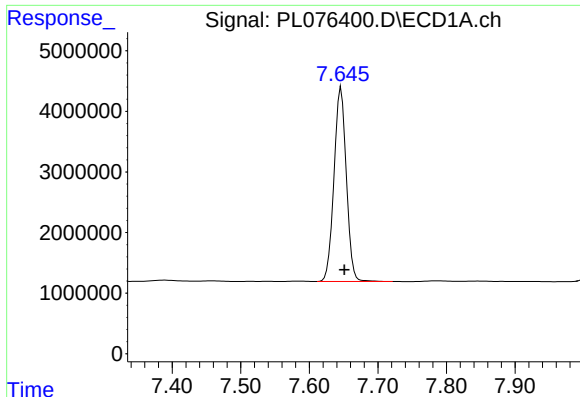
#4 Heptachlor

R.T.: 7.273 min
Delta R.T.: -0.005 min
Response: 43791011
Conc: 50.51 ng/ml



#4 Heptachlor

R.T.: 6.150 min
Delta R.T.: -0.007 min
Response: 117477215
Conc: 48.43 ng/ml



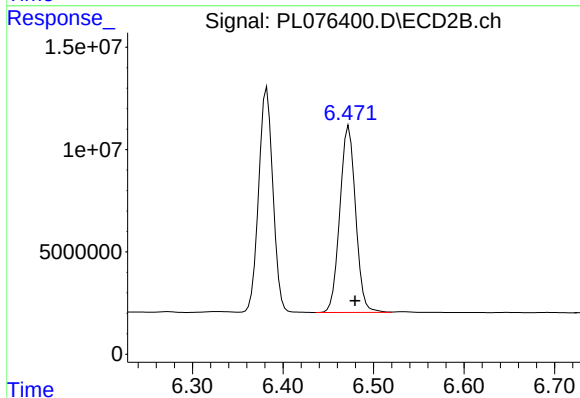
#5 Aldrin

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 39976930
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

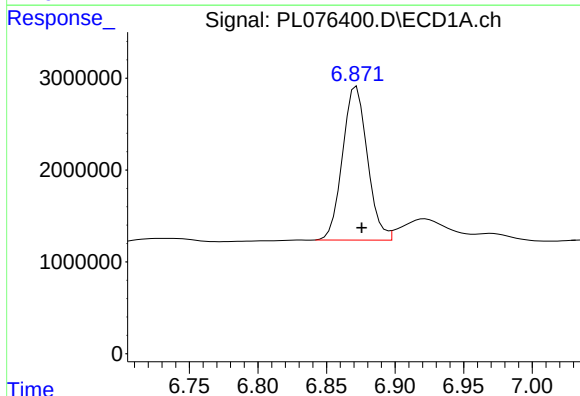
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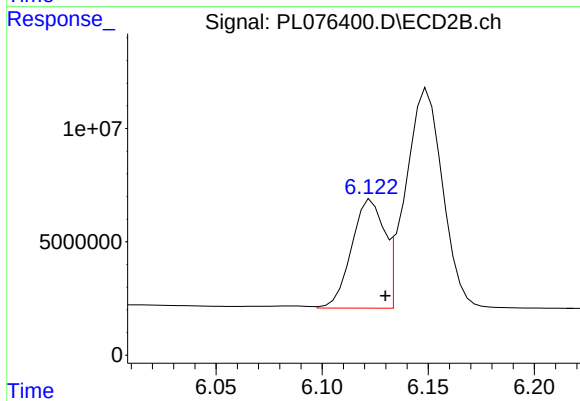
#5 Aldrin

R.T.: 6.473 min
Delta R.T.: -0.007 min
Response: 110257384
Conc: 50.86 ng/ml



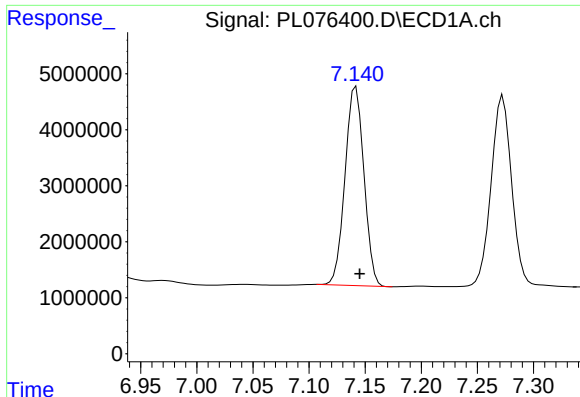
#6 beta-BHC

R.T.: 6.872 min
Delta R.T.: -0.004 min
Response: 21098130
Conc: 48.00 ng/ml



#6 beta-BHC

R.T.: 6.123 min
Delta R.T.: -0.006 min
Response: 51199610
Conc: 46.82 ng/ml



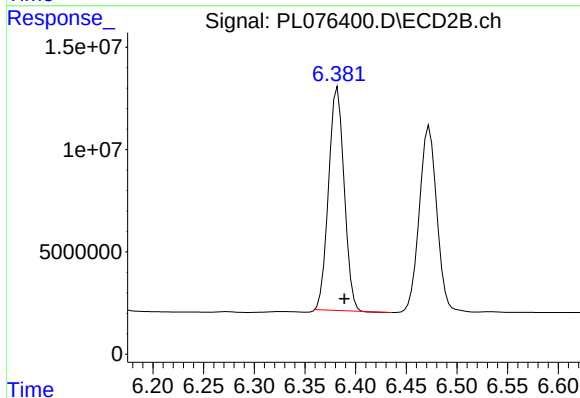
#7 delta-BHC

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 41679035
Conc: 62.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

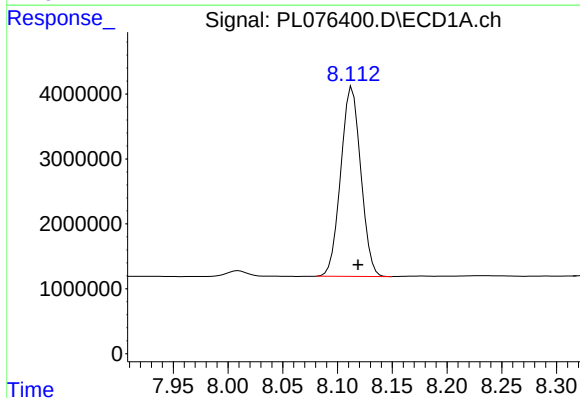
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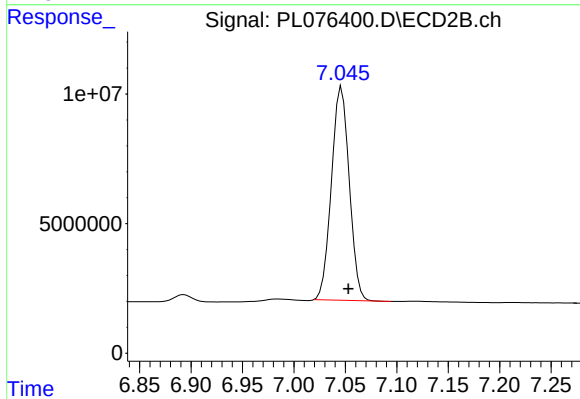
#7 delta-BHC

R.T.: 6.382 min
Delta R.T.: -0.007 min
Response: 116913700
Conc: 48.86 ng/ml



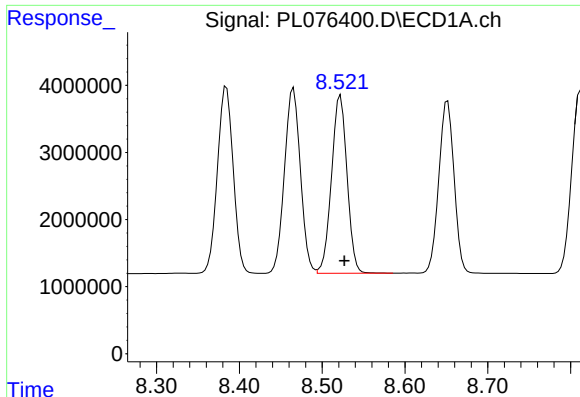
#8 Heptachlor epoxide

R.T.: 8.113 min
Delta R.T.: -0.005 min
Response: 37208092
Conc: 47.79 ng/ml



#8 Heptachlor epoxide

R.T.: 7.046 min
Delta R.T.: -0.007 min
Response: 99326765
Conc: 50.39 ng/ml



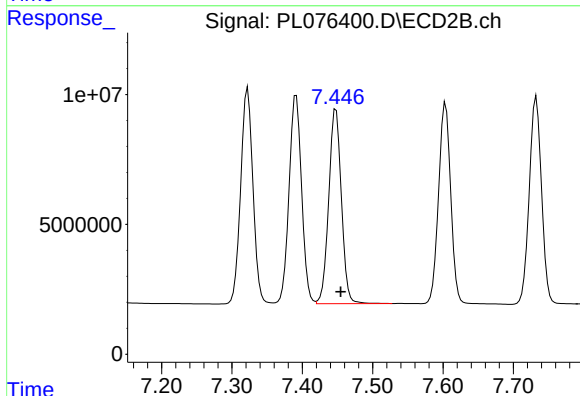
#9 Endosulfan I

R.T.: 8.522 min
Delta R.T.: -0.005 min
Response: 34592323
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

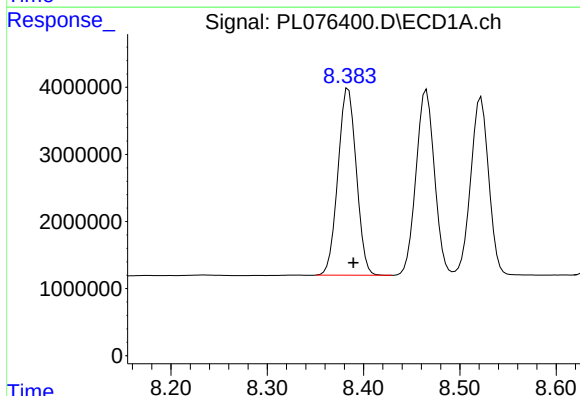
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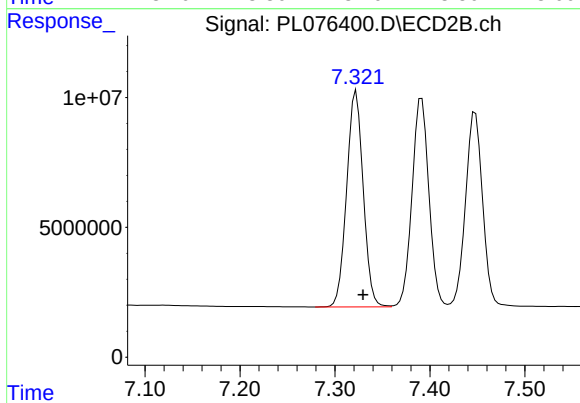
#9 Endosulfan I

R.T.: 7.448 min
Delta R.T.: -0.007 min
Response: 93531749
Conc: 50.72 ng/ml



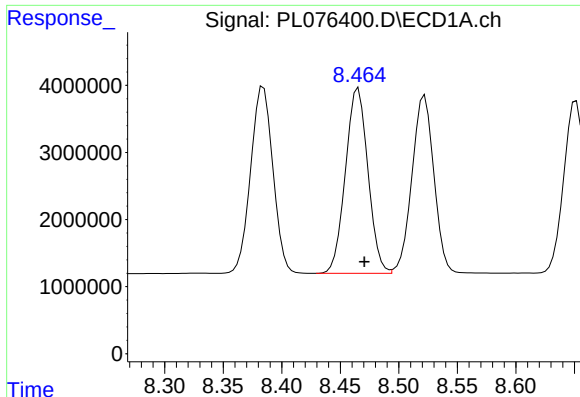
#10 gamma-Chlordane

R.T.: 8.384 min
Delta R.T.: -0.005 min
Response: 36852713
Conc: 50.71 ng/ml



#10 gamma-Chlordane

R.T.: 7.322 min
Delta R.T.: -0.007 min
Response: 100794197
Conc: 50.55 ng/ml



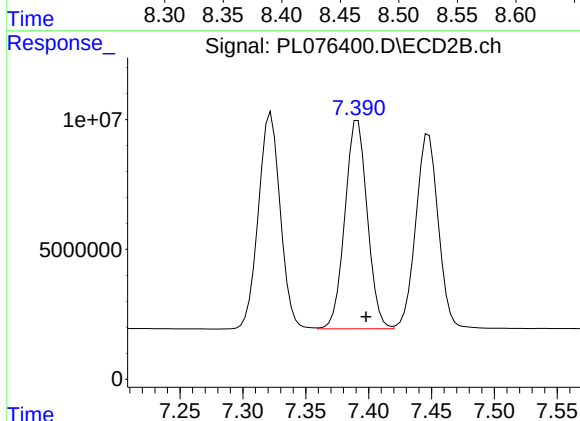
#11 alpha-Chlordane

R.T.: 8.465 min
Delta R.T.: -0.005 min
Response: 36949420
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

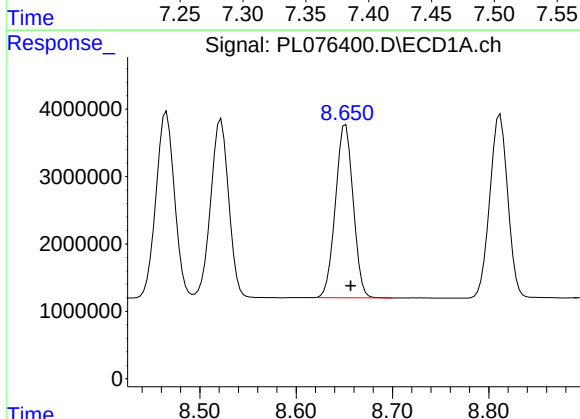
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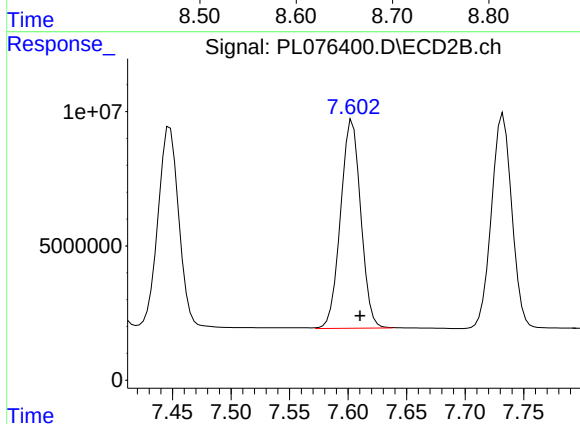
#11 alpha-Chlordane

R.T.: 7.391 min
Delta R.T.: -0.007 min
Response: 99545097
Conc: 49.51 ng/ml



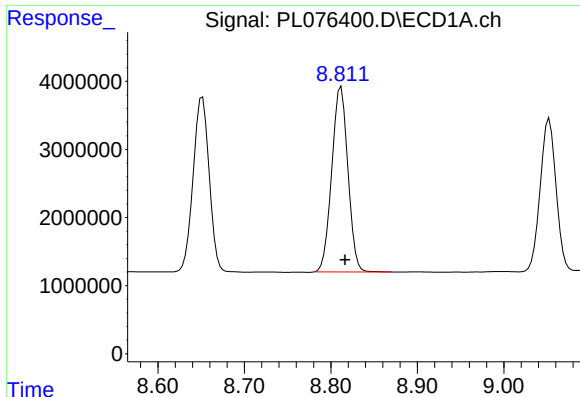
#12 4,4'-DDE

R.T.: 8.652 min
Delta R.T.: -0.005 min
Response: 32843364
Conc: 52.98 ng/ml



#12 4,4'-DDE

R.T.: 7.602 min
Delta R.T.: -0.008 min
Response: 93143283
Conc: 50.68 ng/ml m



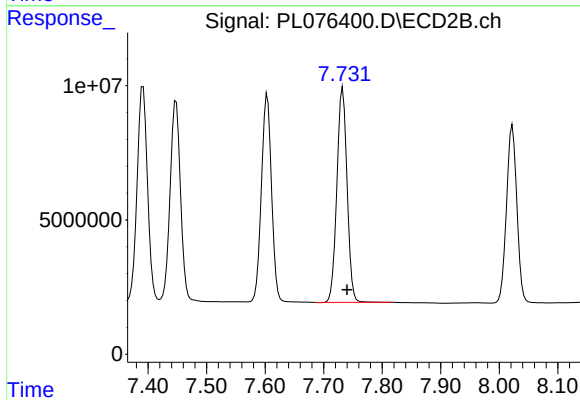
#13 Dieldrin

R.T.: 8.812 min
Delta R.T.: -0.005 min
Response: 35136983
Conc: 52.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

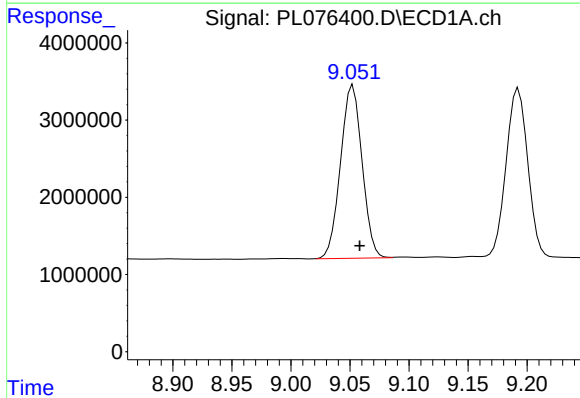
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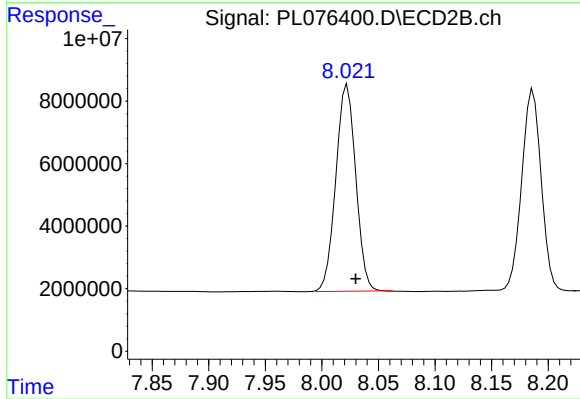
#13 Dieldrin

R.T.: 7.733 min
Delta R.T.: -0.007 min
Response: 96769564
Conc: 51.15 ng/ml



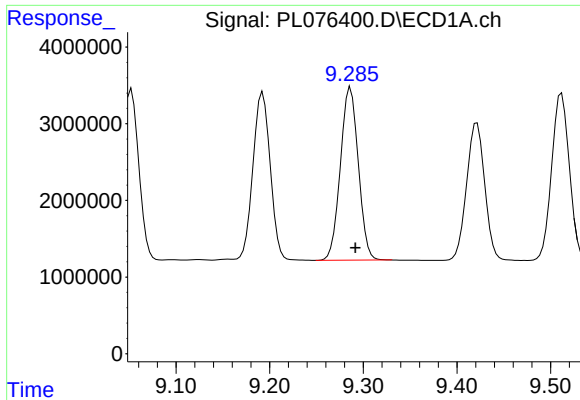
#14 Endrin

R.T.: 9.052 min
Delta R.T.: -0.006 min
Response: 28475252
Conc: 49.49 ng/ml



#14 Endrin

R.T.: 8.021 min
Delta R.T.: -0.009 min
Response: 80922574
Conc: 55.97 ng/ml m



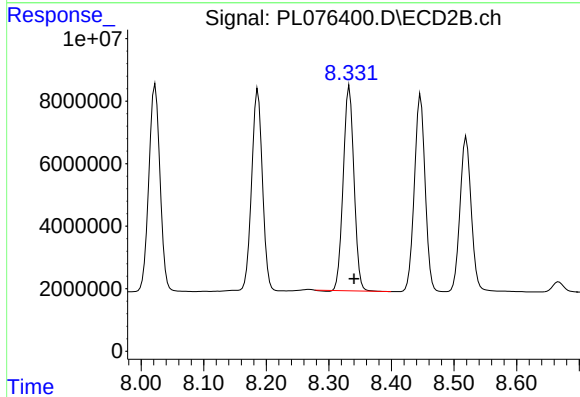
#15 Endosulfan II

R.T.: 9.286 min
Delta R.T.: -0.005 min
Response: 30009376
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

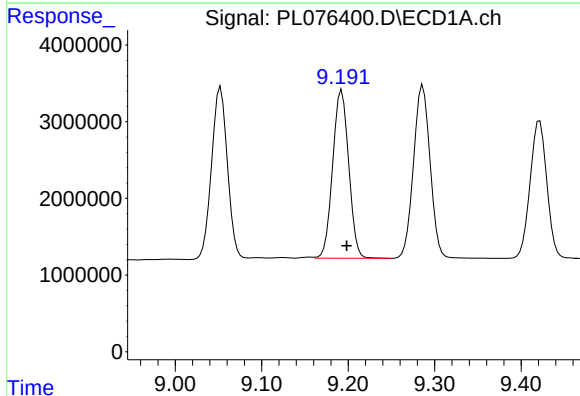
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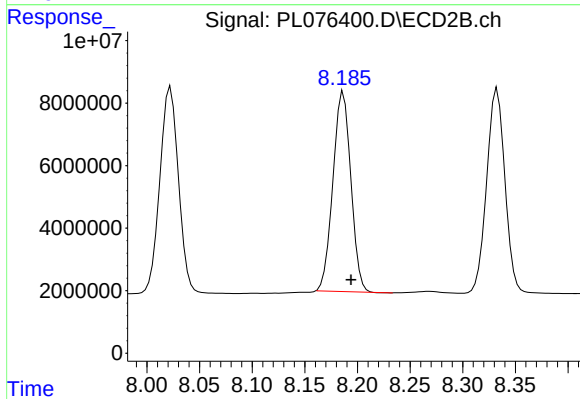
#15 Endosulfan II

R.T.: 8.333 min
Delta R.T.: -0.008 min
Response: 78523651
Conc: 50.81 ng/ml



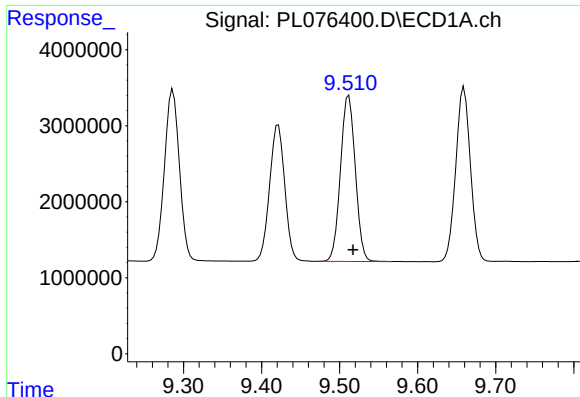
#16 4,4'-DDD

R.T.: 9.193 min
Delta R.T.: -0.006 min
Response: 28131726
Conc: 53.84 ng/ml



#16 4,4'-DDD

R.T.: 8.187 min
Delta R.T.: -0.007 min
Response: 75817070
Conc: 52.29 ng/ml



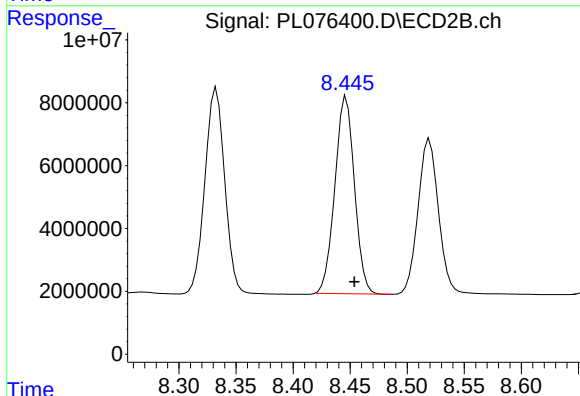
#17 4,4'-DDT

R.T.: 9.512 min
Delta R.T.: -0.006 min
Response: 28778808
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

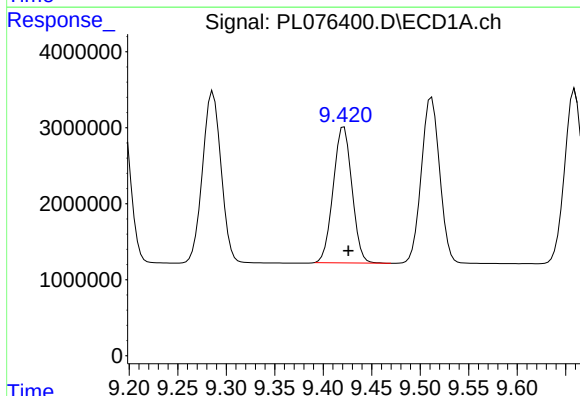
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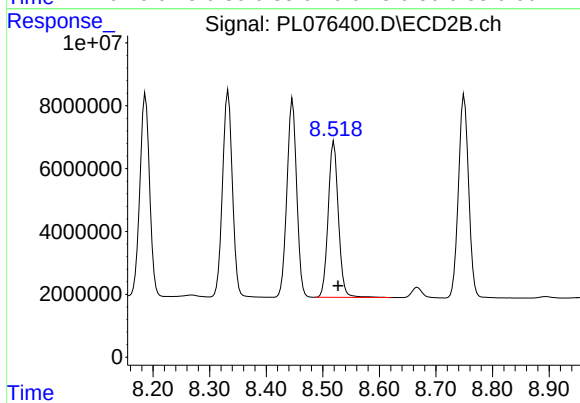
#17 4,4'-DDT

R.T.: 8.447 min
Delta R.T.: -0.007 min
Response: 74824069
Conc: 47.86 ng/ml



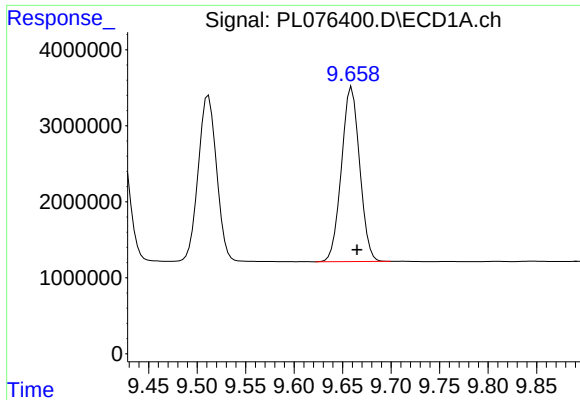
#18 Endrin aldehyde

R.T.: 9.421 min
Delta R.T.: -0.004 min
Response: 24041759
Conc: 49.81 ng/ml



#18 Endrin aldehyde

R.T.: 8.520 min
Delta R.T.: -0.007 min
Response: 62419324
Conc: 49.81 ng/ml



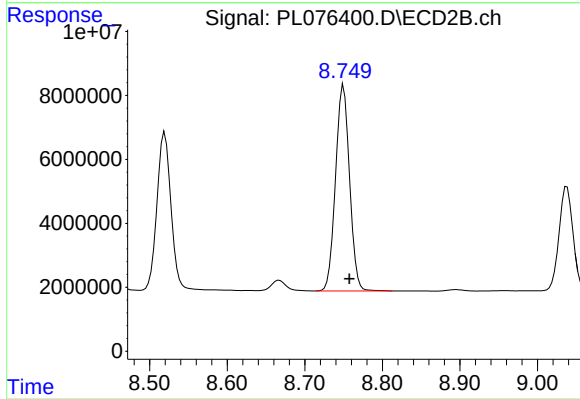
#19 Endosulfan Sulfate

R.T.: 9.659 min
Delta R.T.: -0.006 min
Response: 30003655
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

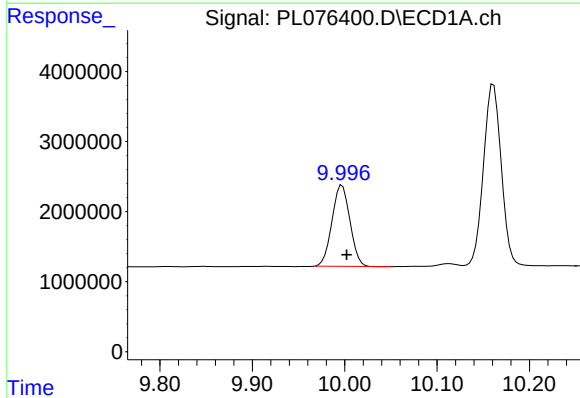
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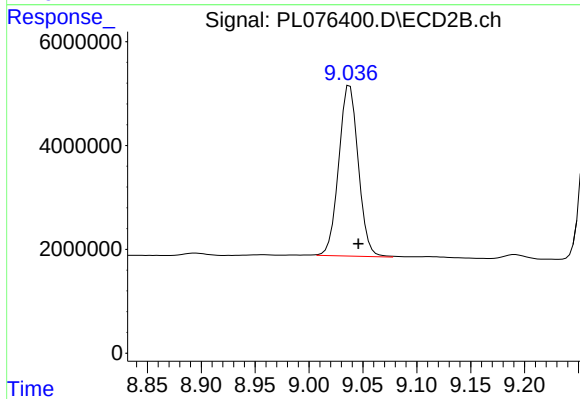
#19 Endosulfan Sulfate

R.T.: 8.750 min
Delta R.T.: -0.008 min
Response: 80832289
Conc: 50.83 ng/ml



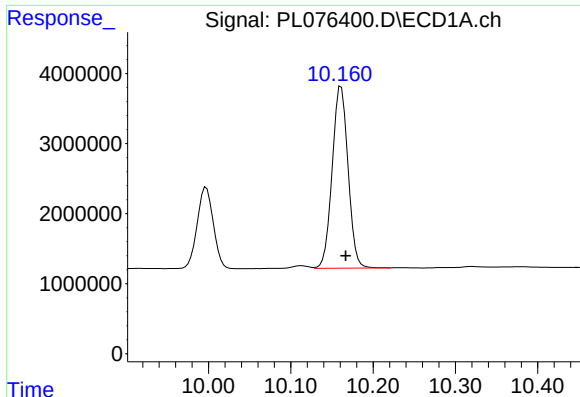
#20 Methoxychlor

R.T.: 9.997 min
Delta R.T.: -0.005 min
Response: 15650877
Conc: 46.70 ng/ml



#20 Methoxychlor

R.T.: 9.036 min
Delta R.T.: -0.009 min
Response: 41445055
Conc: 48.58 ng/ml m



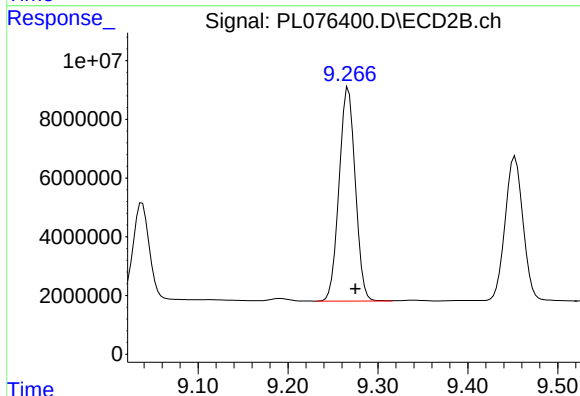
#21 Endrin ketone

R.T.: 10.161 min
Delta R.T.: -0.006 min
Response: 34774519
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

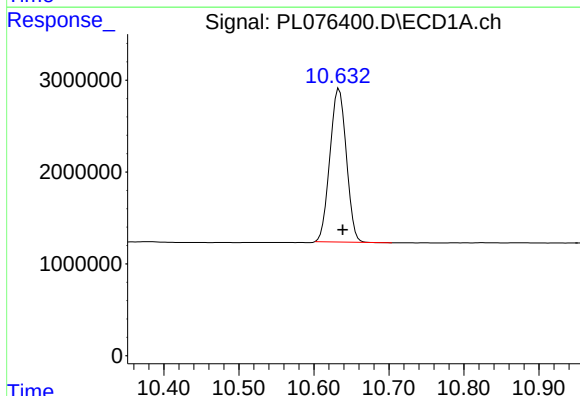
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Supervised By :Ankita Jodhani 07/13/2022



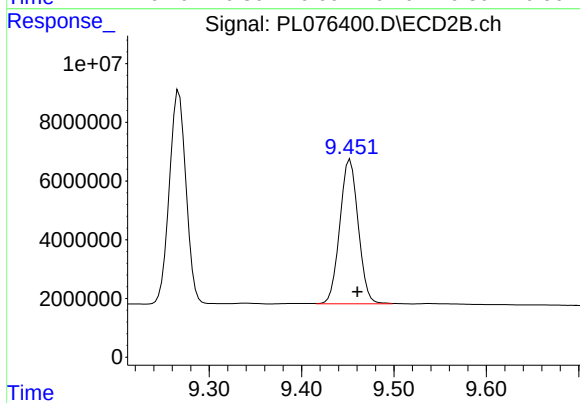
#21 Endrin ketone

R.T.: 9.267 min
Delta R.T.: -0.008 min
Response: 91075215
Conc: 54.12 ng/ml



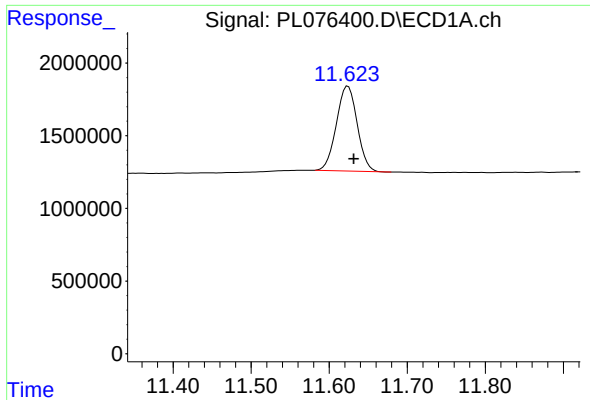
#22 Mirex

R.T.: 10.634 min
Delta R.T.: -0.005 min
Response: 25391725
Conc: 49.65 ng/ml



#22 Mirex

R.T.: 9.451 min
Delta R.T.: -0.009 min
Response: 68139032
Conc: 51.52 ng/ml m



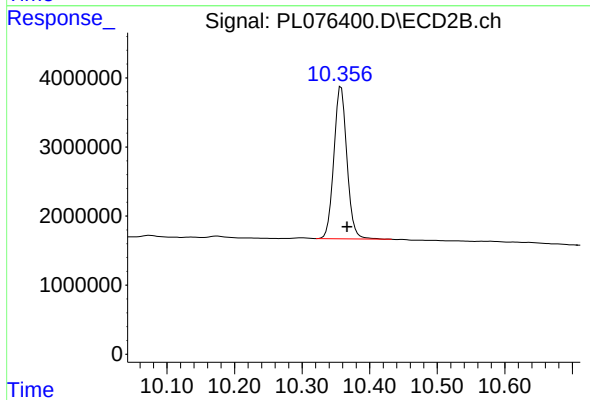
#28 Decachlorobiphenyl

R.T.: 11.624 min
Delta R.T.: -0.008 min
Response: 10807496
Conc: 18.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146164BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/13/2022
Supervised By :Ankita Jodhani 07/13/2022



#28 Decachlorobiphenyl

R.T.: 10.358 min
Delta R.T.: -0.009 min
Response: 29666863
Conc: 17.68 ng/ml