

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072323\
 Data File : PL084119.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2023 16:40
 Operator : AR\AJ
 Sample : PB154351BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB154351BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/24/2023
 Supervised By :Ankita Jodhani 07/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 03:50:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.482	2.689	31717561	15622891	15.860	14.067
28)	SA Decachlor...	9.032	7.874	22501471	18304685	17.287	16.474
Target Compounds							
2)	A alpha-BHC	3.941	3.194	31828417	15297245	10.864	9.514
3)	MA gamma-BHC...	4.273	3.525	29132925	14674775	10.311m	9.650
4)	MA Heptachlor	4.866	3.867	34411360	14550844	12.662m	12.347
5)	MB Aldrin	5.210	4.147	31390703	14280973	10.960	9.471
6)	B beta-BHC	4.474	3.827	15065707	7571780	12.556	11.471
7)	B delta-BHC	4.720	4.056	33226411	14779822	12.464	9.771
8)	B Heptachlo...	5.639	4.654	34891672	13577867	13.070	10.573
9)	A Endosulfan I	6.025	5.024	27544648	13408551	11.631	10.932
10)	B gamma-Chl...	5.896	4.907	29755499	14435331	11.525	10.836
11)	B alpha-Chl...	5.976	4.971	29456306	14667359	11.588	10.888
12)	B 4,4'-DDE	6.155	5.170	22899761	12112499	11.382	9.861
13)	MA Dieldrin	6.302	5.291	25897456	13693302	10.838	10.514m
14)	MA Endrin	6.530	5.567	21588373	12287631	11.336m	11.178
15)	B Endosulfa...	6.751	5.865	20823467	11809833	11.110m	10.275
16)	A 4,4'-DDD	6.673	5.728	18757056	10941321	12.773	11.405
17)	MA 4,4'-DDT	6.990	5.980	17570824	10849600	11.018	11.912
18)	B Endrin al...	6.883	6.046	15860532	9494493	10.826	10.562
19)	B Endosulfa...	7.117	6.271	20645467	12479322	11.943m	11.355
20)	A Methoxychlor	7.470	6.565	9026825	6442337	11.540m	13.443
21)	B Endrin ke...	7.602	6.776	19568942	14470222	11.167	11.199
22)	Mirex	8.078	6.958	17699350	13710039	12.369	13.432

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072323\
Data File : PL084119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2023 16:40
Operator : AR\AJ
Sample : PB154351BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

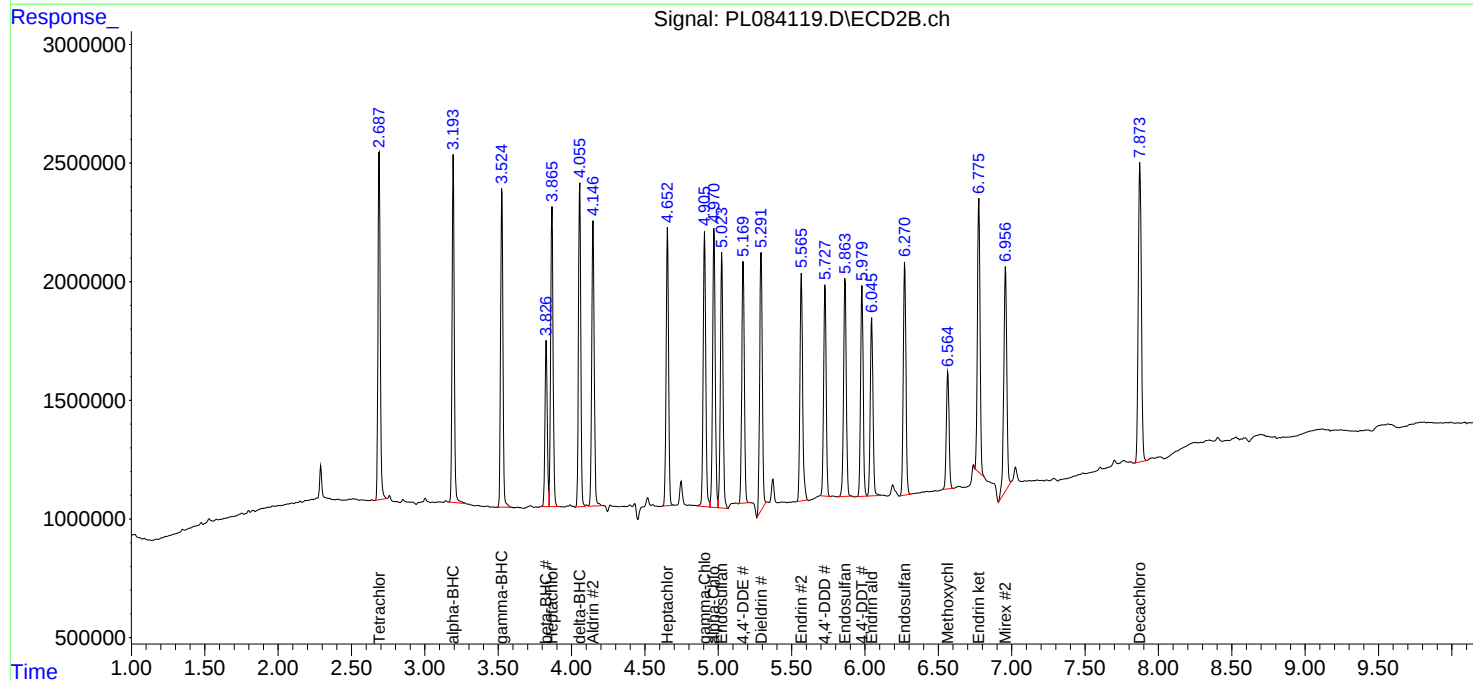
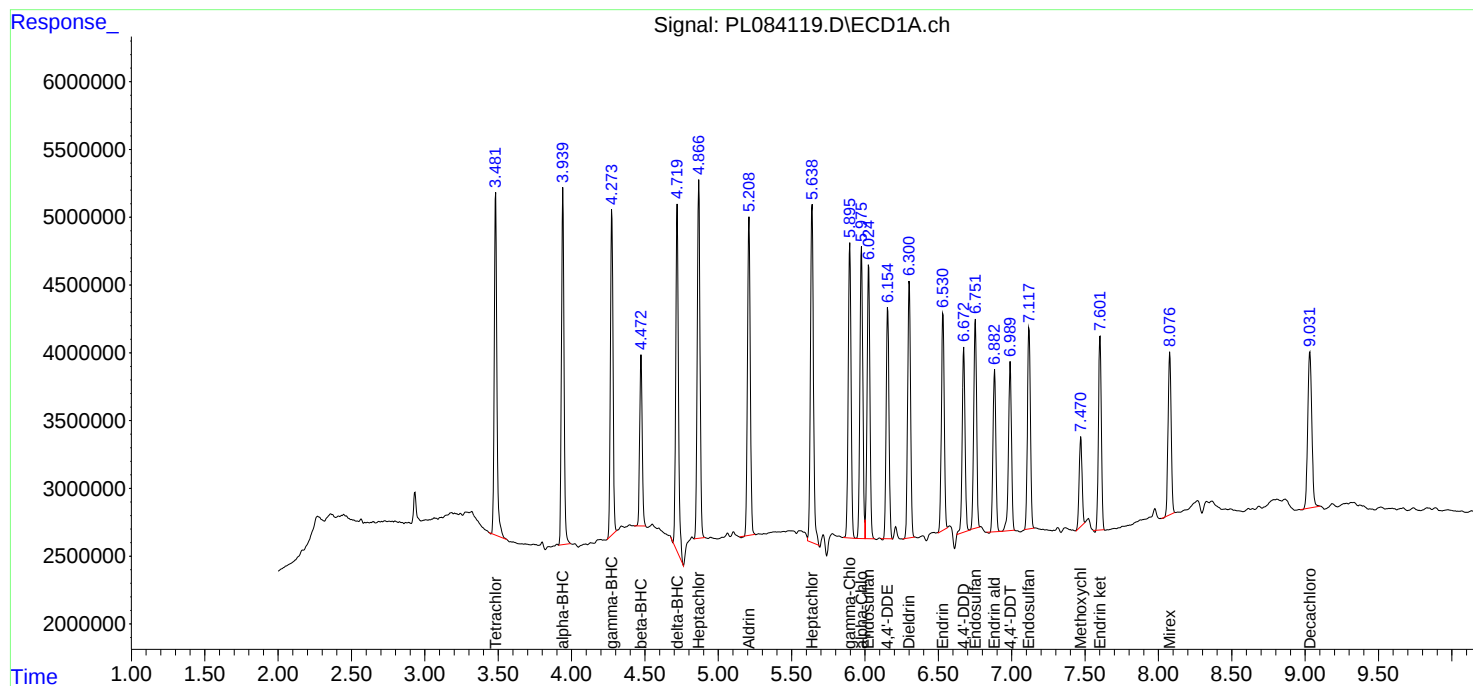
Instrument :
ECD_L
ClientSampleId :
PB154351BSD

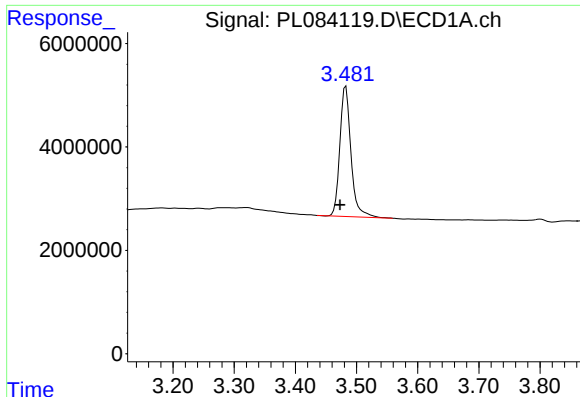
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 07/24/2023
Supervised By : Ankita Jodhani 07/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:50:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 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





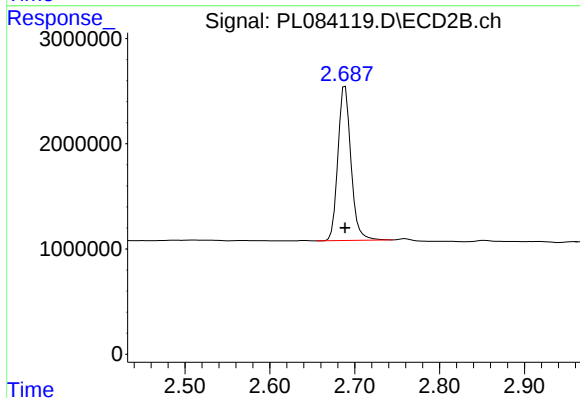
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: 0.009 min
Response: 31717561
Conc: 15.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154351BSD

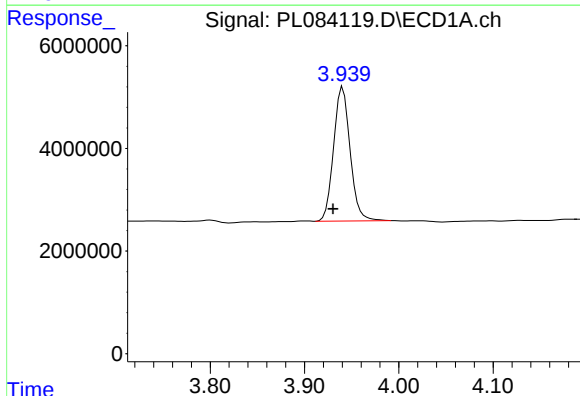
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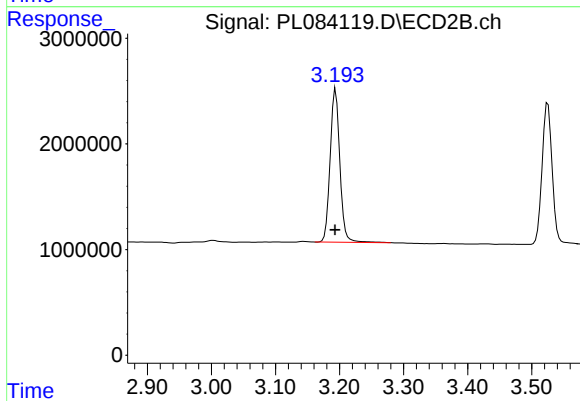
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 15622891
Conc: 14.07 ng/ml



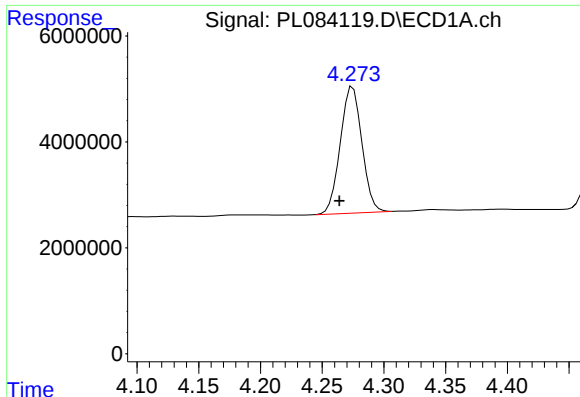
#2 alpha-BHC

R.T.: 3.941 min
Delta R.T.: 0.010 min
Response: 31828417
Conc: 10.86 ng/ml



#2 alpha-BHC

R.T.: 3.194 min
Delta R.T.: 0.000 min
Response: 15297245
Conc: 9.51 ng/ml



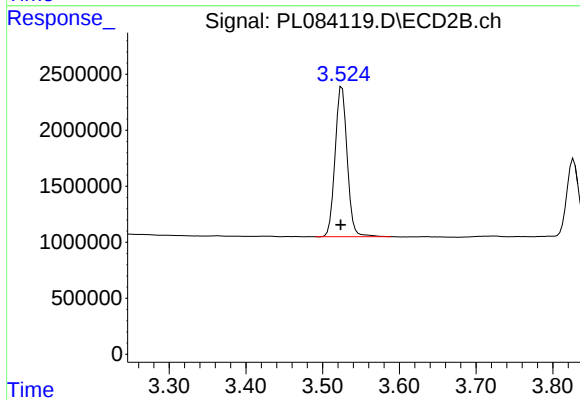
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: 0.009 min
Response: 29132925
Conc: 10.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154351BSD

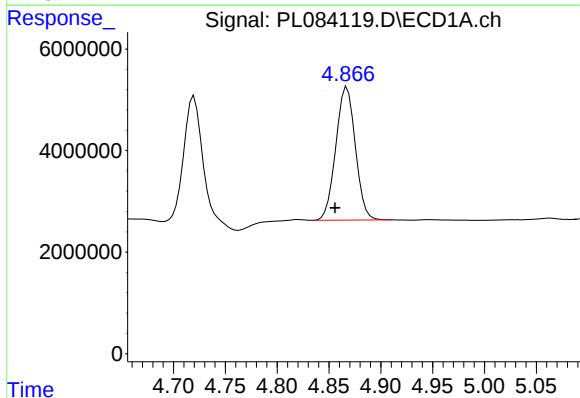
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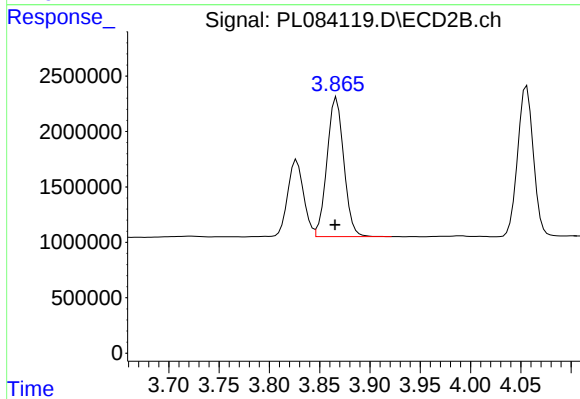
#3 gamma-BHC (Lindane)

R.T.: 3.525 min
Delta R.T.: 0.002 min
Response: 14674775
Conc: 9.65 ng/ml



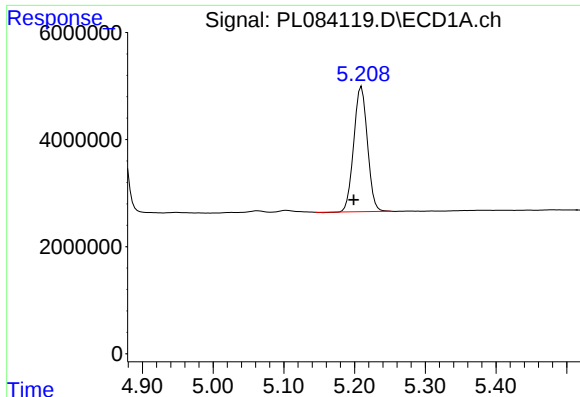
#4 Heptachlor

R.T.: 4.866 min
Delta R.T.: 0.010 min
Response: 34411360
Conc: 12.66 ng/ml m



#4 Heptachlor

R.T.: 3.867 min
Delta R.T.: 0.002 min
Response: 14550844
Conc: 12.35 ng/ml



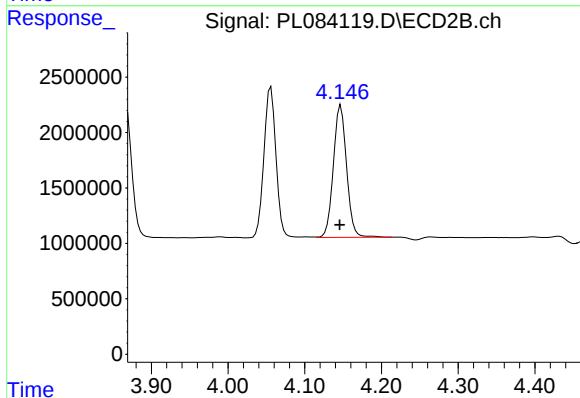
#5 Aldrin

R.T.: 5.210 min
Delta R.T.: 0.011 min
Response: 31390703
Conc: 10.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154351BSD

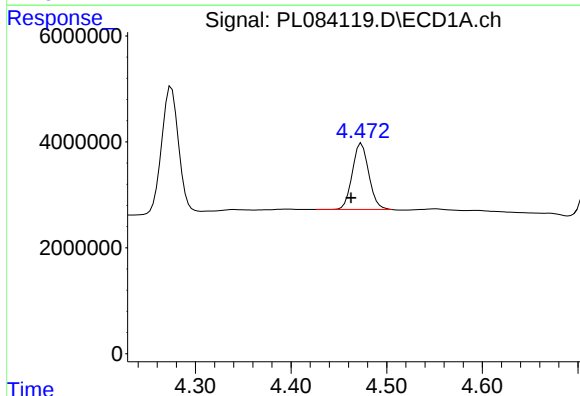
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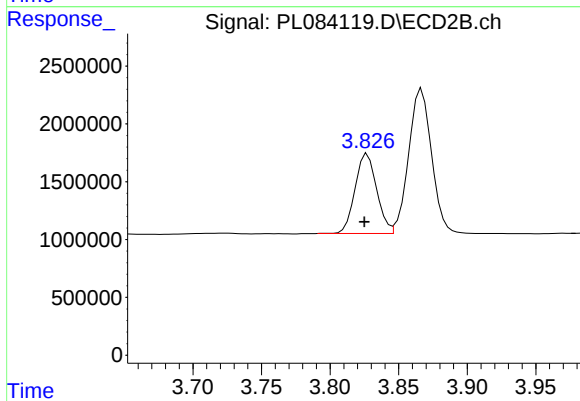
#5 Aldrin

R.T.: 4.147 min
Delta R.T.: 0.001 min
Response: 14280973
Conc: 9.47 ng/ml



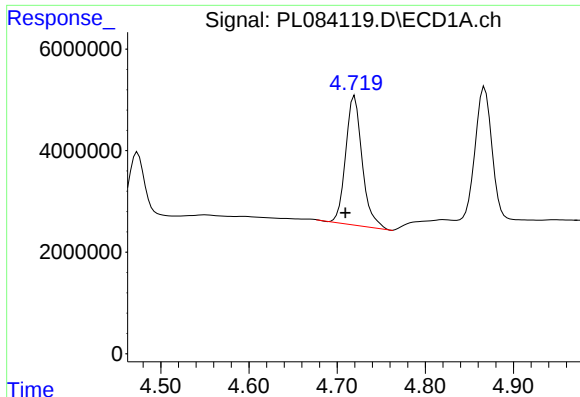
#6 beta-BHC

R.T.: 4.474 min
Delta R.T.: 0.011 min
Response: 15065707
Conc: 12.56 ng/ml



#6 beta-BHC

R.T.: 3.827 min
Delta R.T.: 0.002 min
Response: 7571780
Conc: 11.47 ng/ml



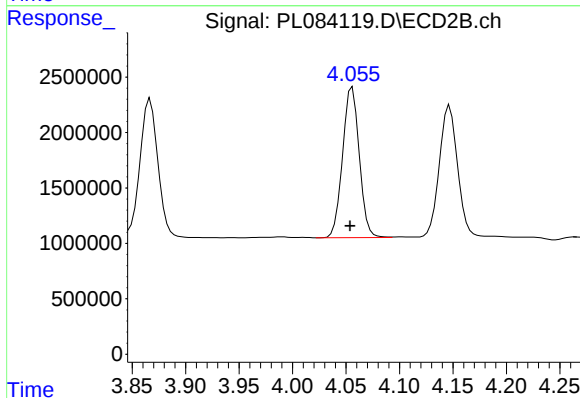
#7 delta-BHC

R.T.: 4.720 min
Delta R.T.: 0.011 min
Response: 33226411
Conc: 12.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154351BSD

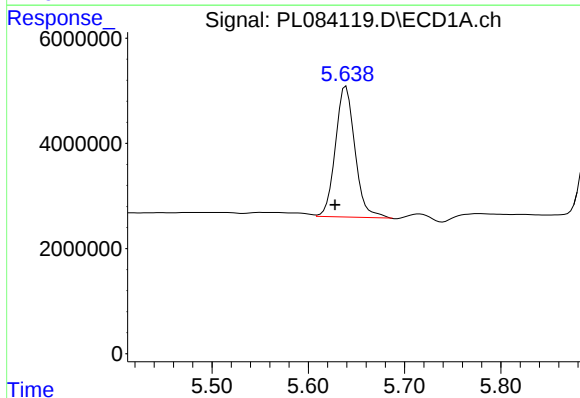
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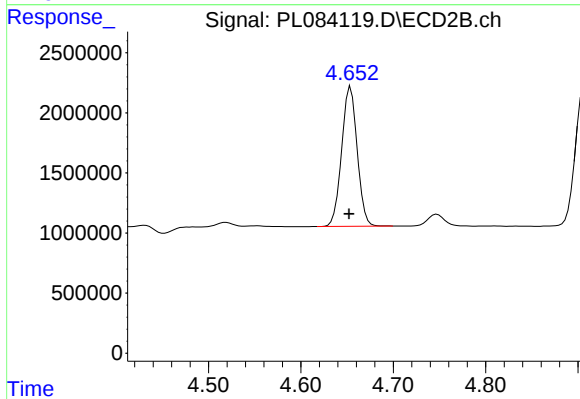
#7 delta-BHC

R.T.: 4.056 min
Delta R.T.: 0.002 min
Response: 14779822
Conc: 9.77 ng/ml



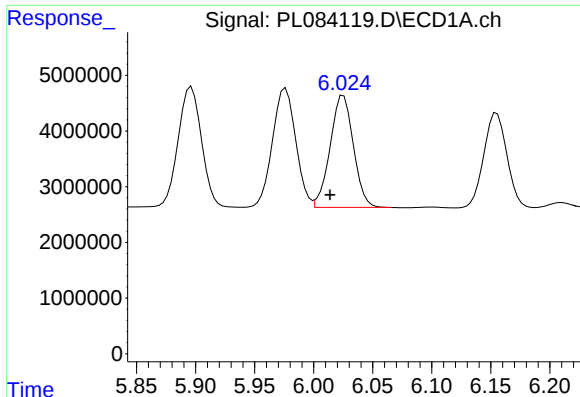
#8 Heptachlor epoxide

R.T.: 5.639 min
Delta R.T.: 0.011 min
Response: 34891672
Conc: 13.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.654 min
Delta R.T.: 0.002 min
Response: 13577867
Conc: 10.57 ng/ml



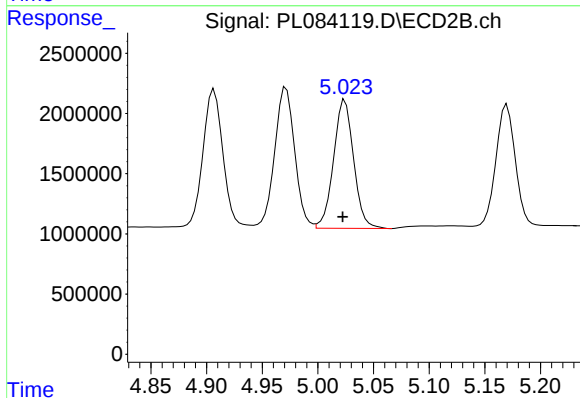
#9 Endosulfan I

R.T.: 6.025 min
Delta R.T.: 0.011 min
Response: 27544648
Conc: 11.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154351BSD

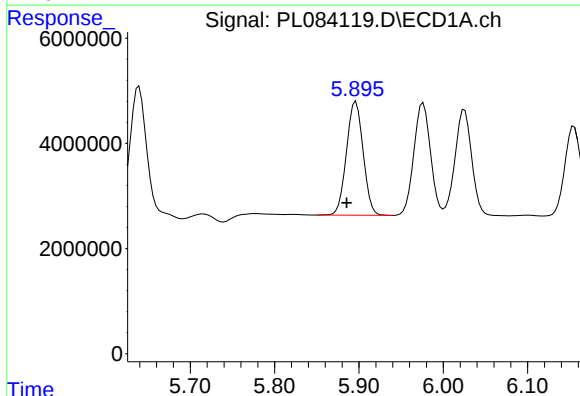
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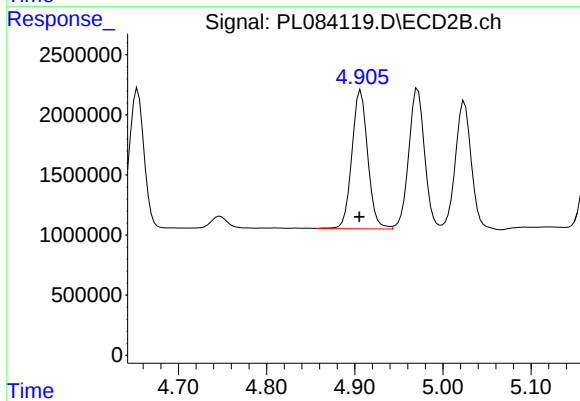
#9 Endosulfan I

R.T.: 5.024 min
Delta R.T.: 0.002 min
Response: 13408551
Conc: 10.93 ng/ml



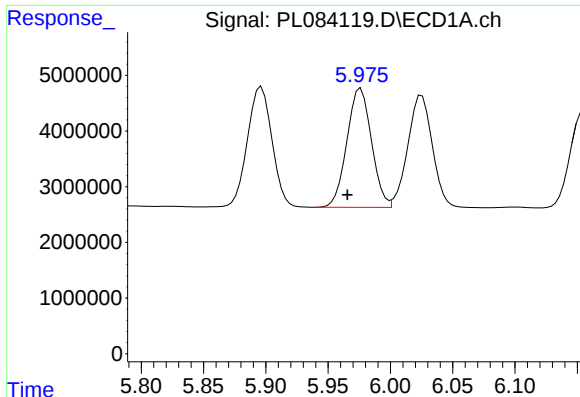
#10 gamma-Chlordane

R.T.: 5.896 min
Delta R.T.: 0.011 min
Response: 29755499
Conc: 11.52 ng/ml



#10 gamma-Chlordane

R.T.: 4.907 min
Delta R.T.: 0.001 min
Response: 14435331
Conc: 10.84 ng/ml



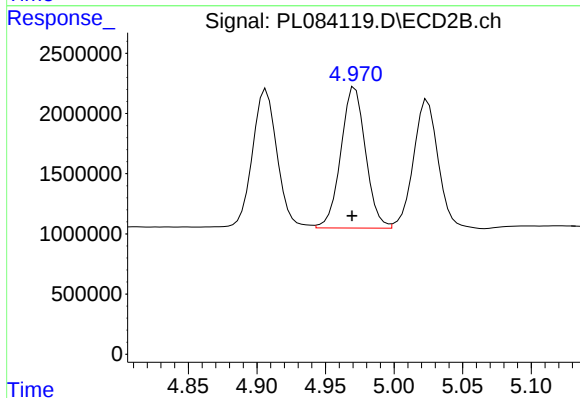
#11 alpha-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.011 min
Response: 29456306
Conc: 11.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154351BSD

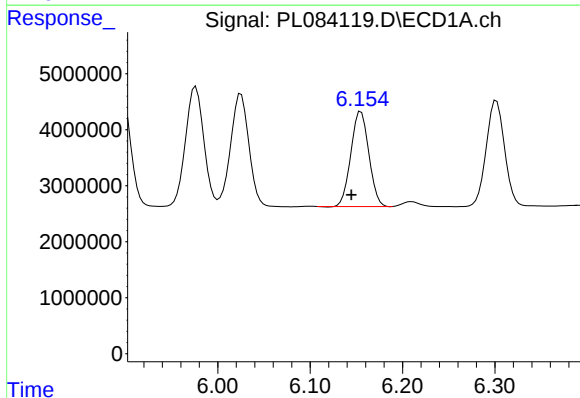
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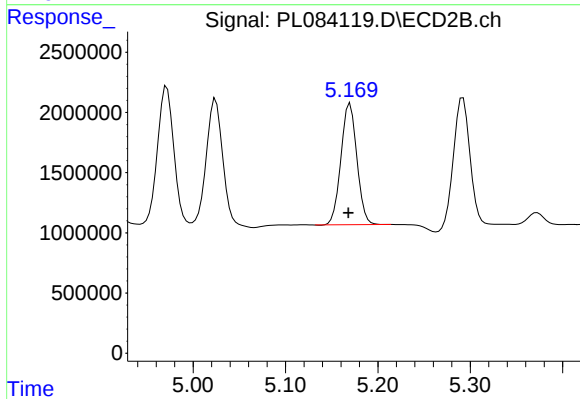
#11 alpha-Chlordane

R.T.: 4.971 min
Delta R.T.: 0.002 min
Response: 14667359
Conc: 10.89 ng/ml



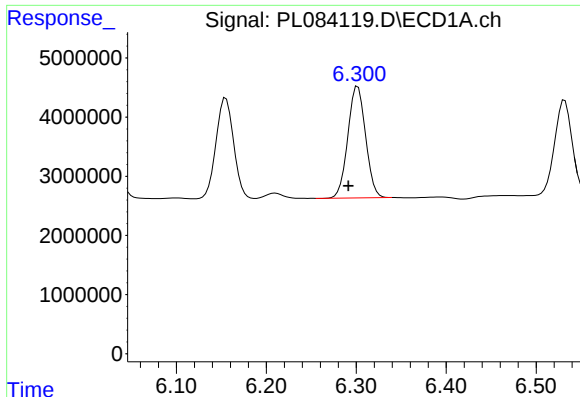
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: 0.011 min
Response: 22899761
Conc: 11.38 ng/ml



#12 4,4'-DDE

R.T.: 5.170 min
Delta R.T.: 0.002 min
Response: 12112499
Conc: 9.86 ng/ml



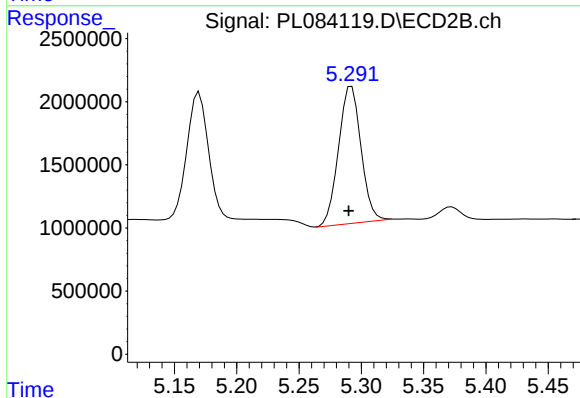
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: 0.011 min
Response: 25897456
Conc: 10.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154351BSD

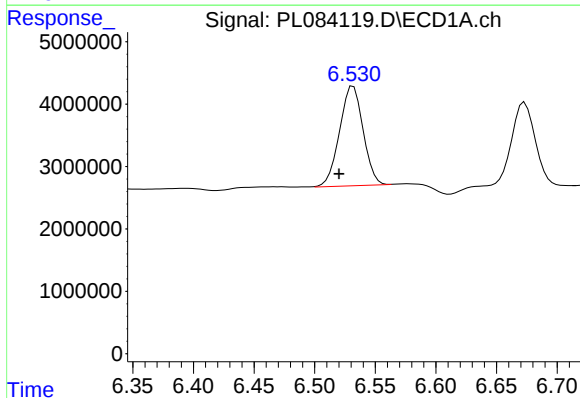
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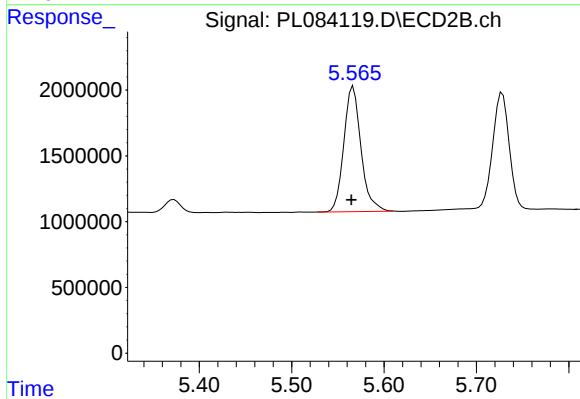
#13 Dieldrin

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 13693302
Conc: 10.51 ng/ml m



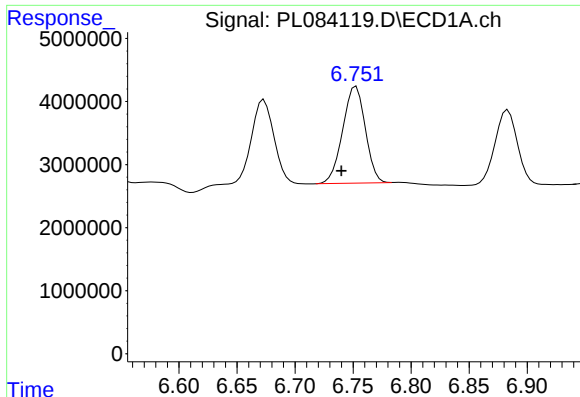
#14 Endrin

R.T.: 6.530 min
Delta R.T.: 0.010 min
Response: 21588373
Conc: 11.34 ng/ml m



#14 Endrin

R.T.: 5.567 min
Delta R.T.: 0.002 min
Response: 12287631
Conc: 11.18 ng/ml



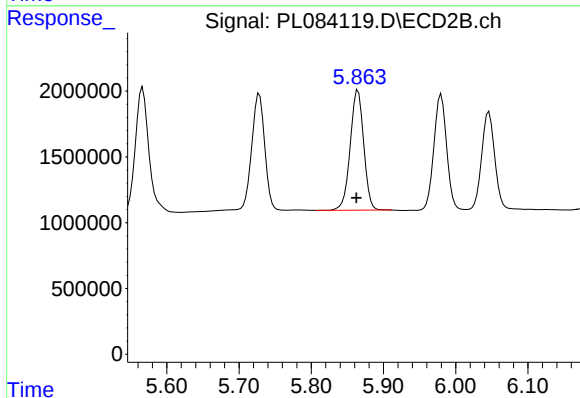
#15 Endosulfan II

R.T.: 6.751 min
Delta R.T.: 0.011 min
Response: 20823467
Conc: 11.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154351BSD

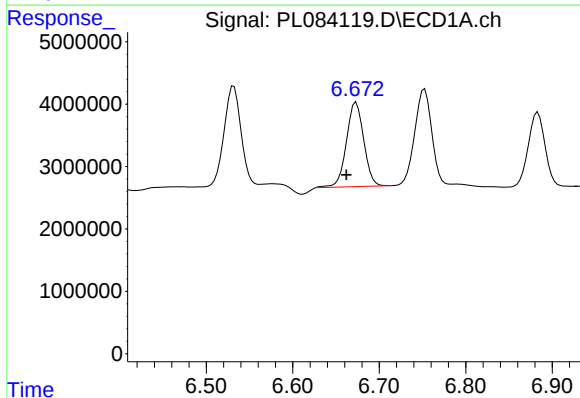
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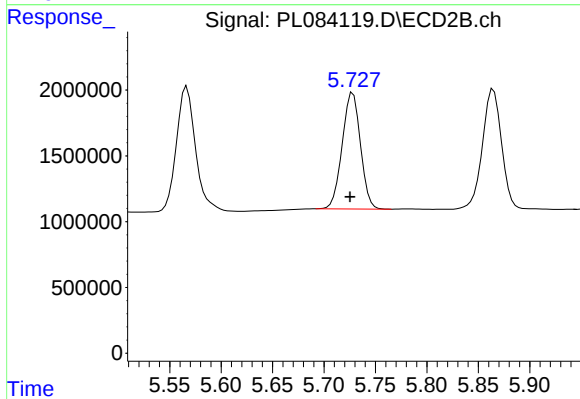
#15 Endosulfan II

R.T.: 5.865 min
Delta R.T.: 0.002 min
Response: 11809833
Conc: 10.28 ng/ml



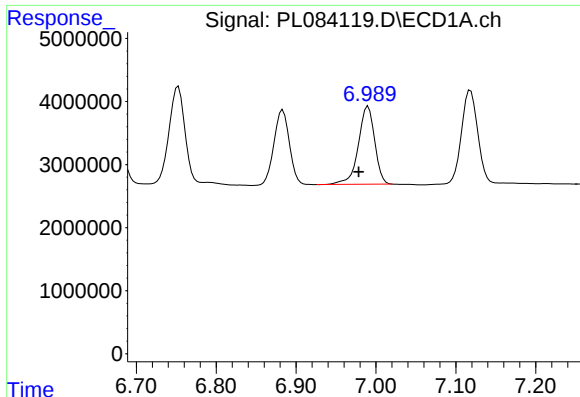
#16 4,4'-DDD

R.T.: 6.673 min
Delta R.T.: 0.011 min
Response: 18757056
Conc: 12.77 ng/ml



#16 4,4'-DDD

R.T.: 5.728 min
Delta R.T.: 0.003 min
Response: 10941321
Conc: 11.40 ng/ml



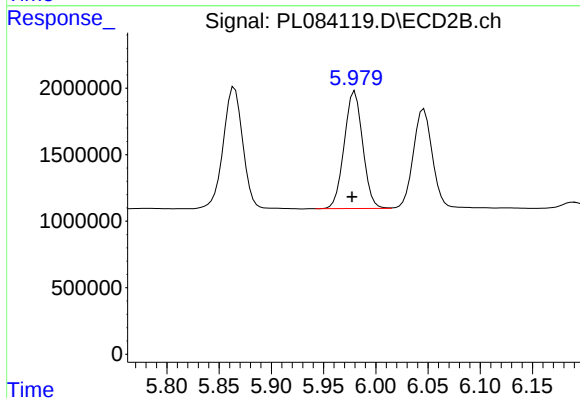
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: 0.012 min
Response: 17570824
Conc: 11.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154351BSD

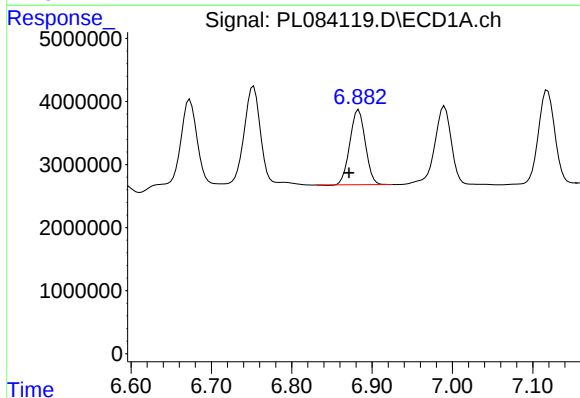
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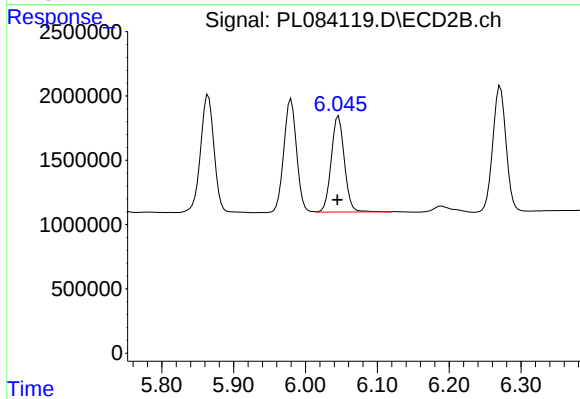
#17 4,4'-DDT

R.T.: 5.980 min
Delta R.T.: 0.003 min
Response: 10849600
Conc: 11.91 ng/ml



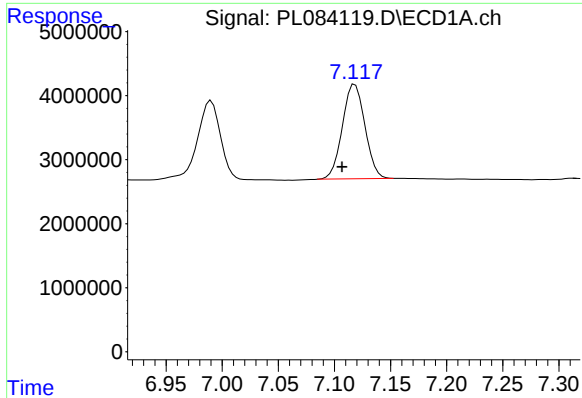
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.012 min
Response: 15860532
Conc: 10.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.046 min
Delta R.T.: 0.002 min
Response: 9494493
Conc: 10.56 ng/ml



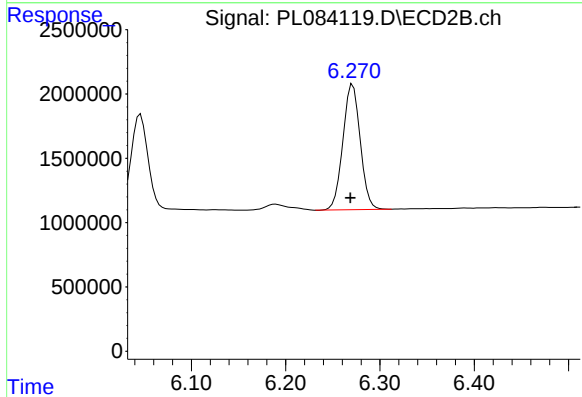
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.010 min
Response: 20645467
Conc: 11.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154351BSD

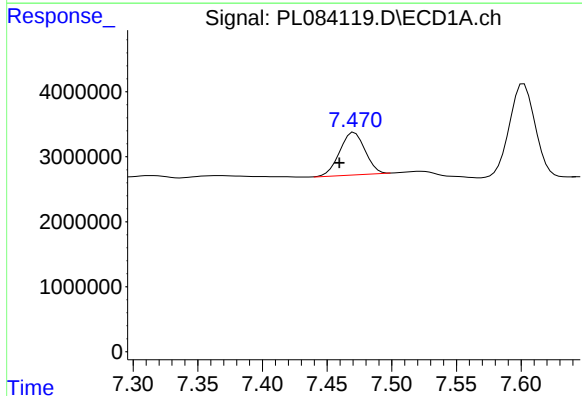
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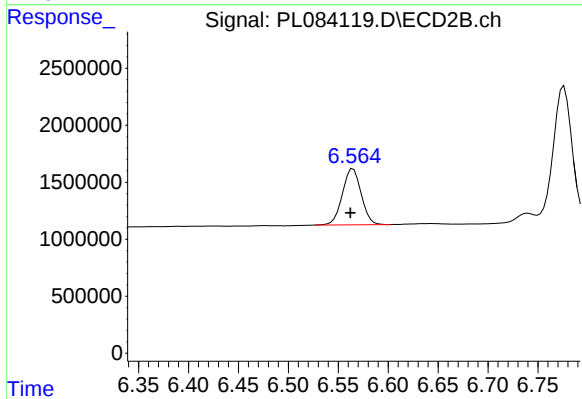
#19 Endosulfan Sulfate

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 12479322
Conc: 11.35 ng/ml



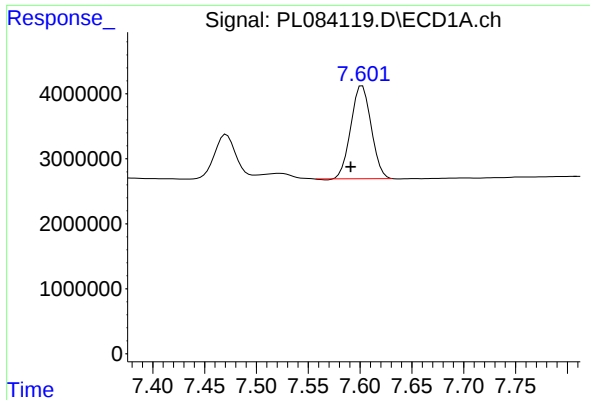
#20 Methoxychlor

R.T.: 7.470 min
Delta R.T.: 0.010 min
Response: 9026825
Conc: 11.54 ng/ml m



#20 Methoxychlor

R.T.: 6.565 min
Delta R.T.: 0.003 min
Response: 6442337
Conc: 13.44 ng/ml



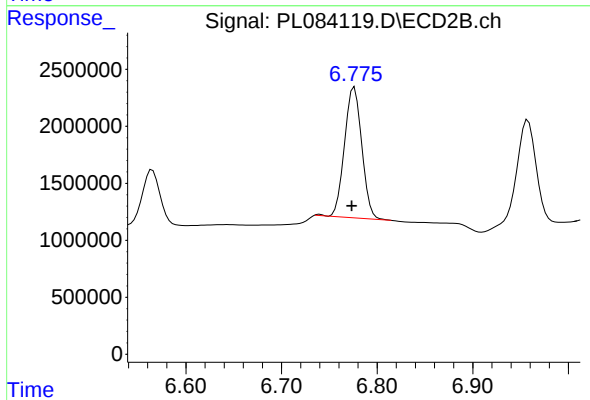
#21 Endrin ketone

R.T.: 7.602 min
Delta R.T.: 0.011 min
Response: 19568942
Conc: 11.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154351BSD

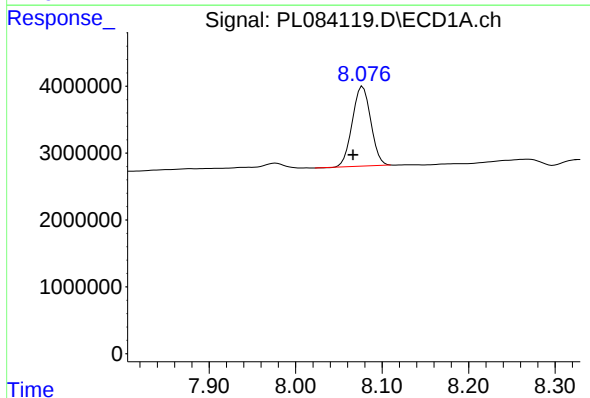
Manual Integrations
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Reviewed By :Abdul Mirza 07/24/2023
Supervised By :Ankita Jodhani 07/24/2023



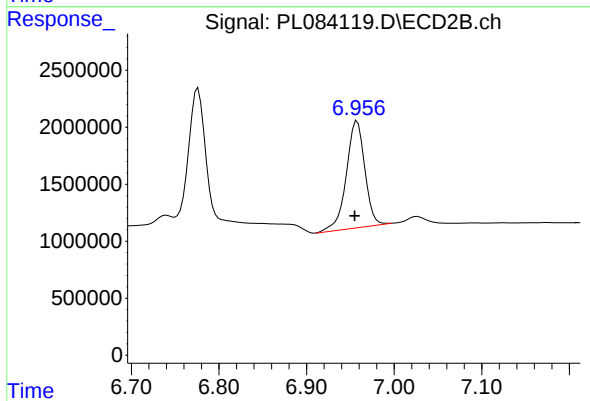
#21 Endrin ketone

R.T.: 6.776 min
Delta R.T.: 0.003 min
Response: 14470222
Conc: 11.20 ng/ml



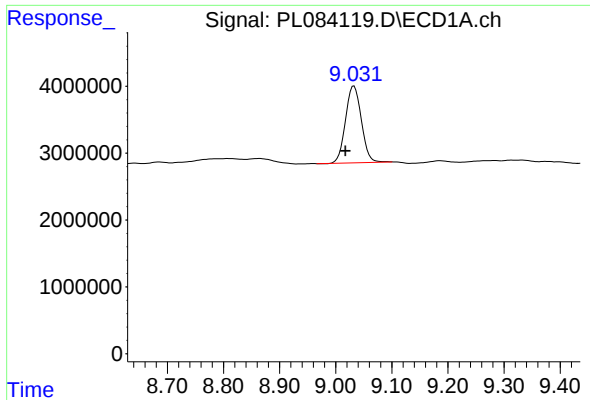
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.011 min
Response: 17699350
Conc: 12.37 ng/ml



#22 Mirex

R.T.: 6.958 min
Delta R.T.: 0.003 min
Response: 13710039
Conc: 13.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.032 min
Delta R.T.: 0.015 min
Response: 22501471
Conc: 17.29 ng/ml

Instrument :

ECD_L

ClientSampleId :

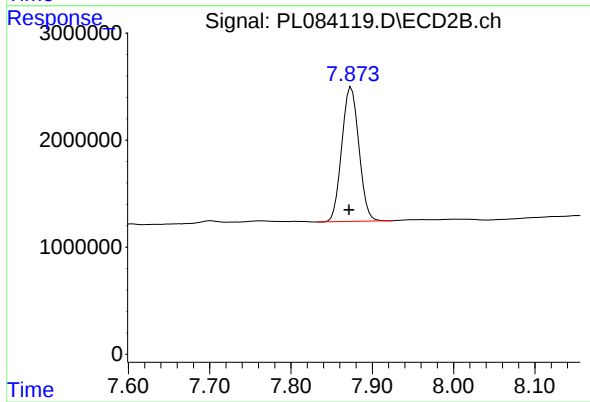
PB154351BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/24/2023

Supervised By :Ankita Jodhani 07/24/2023



#28 Decachlorobiphenyl

R.T.: 7.874 min
Delta R.T.: 0.003 min
Response: 18304685
Conc: 16.47 ng/ml