

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073021\
 Data File : PL068599.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 13:50
 Operator : AR\AJ
 Sample : M2997-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR-200029MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 03:12:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 2021
 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...	4.638	5.571	8643074	22030753	20.138	21.590
28)	SA Decachlor...	10.416	11.496	11422871	19663284	20.310	22.044
Target Compounds							
2)	A alpha-BHC	5.345	6.151	34105551	82894783	58.261m	60.969
3)	MA gamma-BHC...	5.770	6.547	32397719	77984181	56.994	60.443
4)	MA Heptachlor	6.182	7.198	35205111	79322628	57.759	60.862
5)	MB Aldrin	6.508	7.569	30825459	71609748	54.854	60.355
6)	B beta-BHC	6.149	6.799	17545180	36514579	59.959	51.686
7)	B delta-BHC	6.411	7.068	31929140	72994775	57.146	59.577
8)	B Heptachlo...	7.084	8.035	31548271	71566926	56.787	63.299
9)	A Endosulfan I	7.488	8.441	32726509	74640555	61.950	72.496
10)	B gamma-Chl...	7.362	8.304	32381818	70493773	56.437	62.594
11)	B alpha-Chl...	7.433	8.386	32368205	72787625	56.357	64.717
12)	B 4,4'-DDE	7.646	8.573	29077959	65726555	57.703	63.776
13)	MA Dieldrin	7.775	8.731	30436954	67861754	56.544	63.982
14)	MA Endrin	8.066	8.969	29594396	57892735	59.178	64.745m
15)	B Endosulfa...	8.376	9.203	28923747	59026173	58.585	65.122
16)	A 4,4'-DDD	8.232	9.112	25097649	53557237	56.187	62.899
17)	MA 4,4'-DDT	8.494	9.430	28756809	57251104	57.331	60.657
18)	B Endrin al...	8.565	9.338	25178617	50794947	63.561	70.478
19)	B Endosulfa...	8.796	9.575	30584134	58112938	58.203	64.536
20)	A Methoxychlor	9.089	9.915	17801880	32045801	56.910	63.078
21)	B Endrin ke...	9.316	10.074	34591381	64350238	58.420	64.523
22)	Mirex	9.505	10.542	27142520	45914499	54.964	59.349

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073021\
Data File : PL068599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 13:50
Operator : AR\AJ
Sample : M2997-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

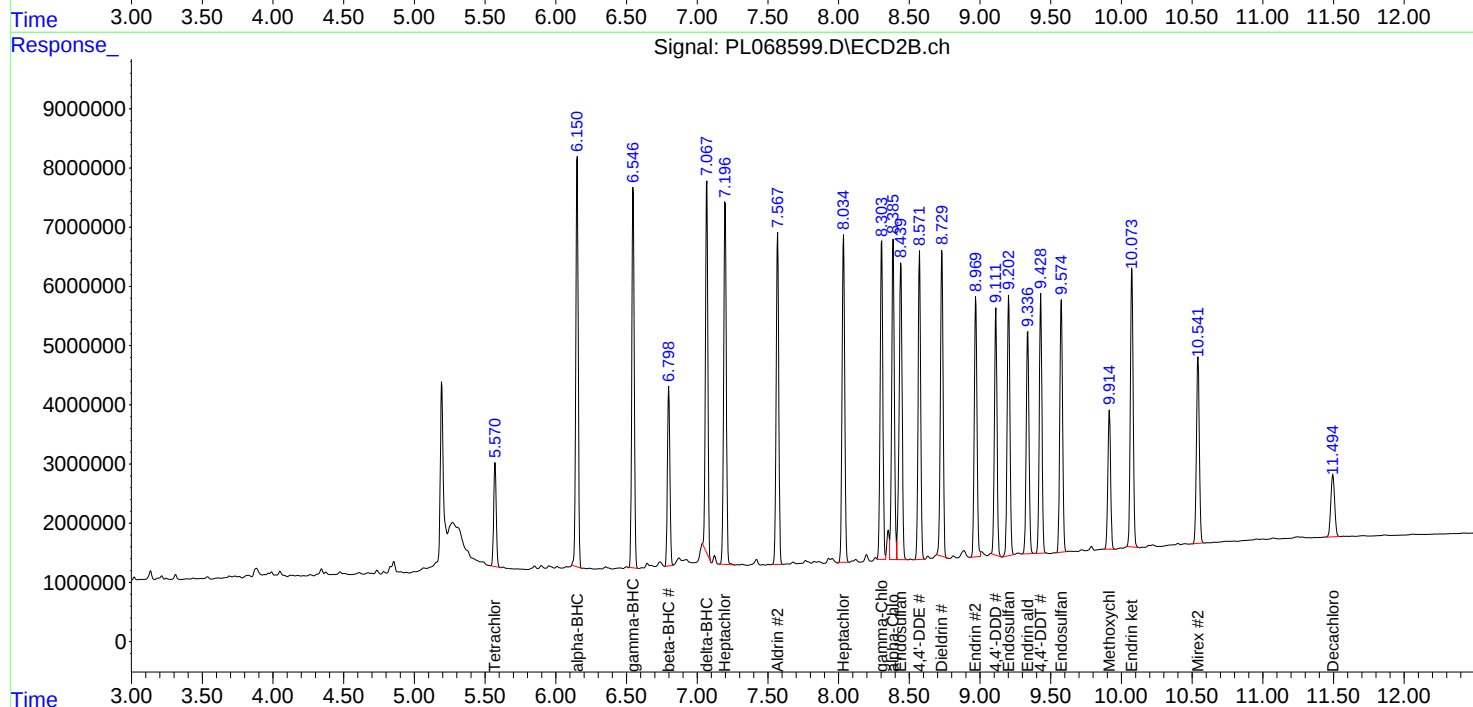
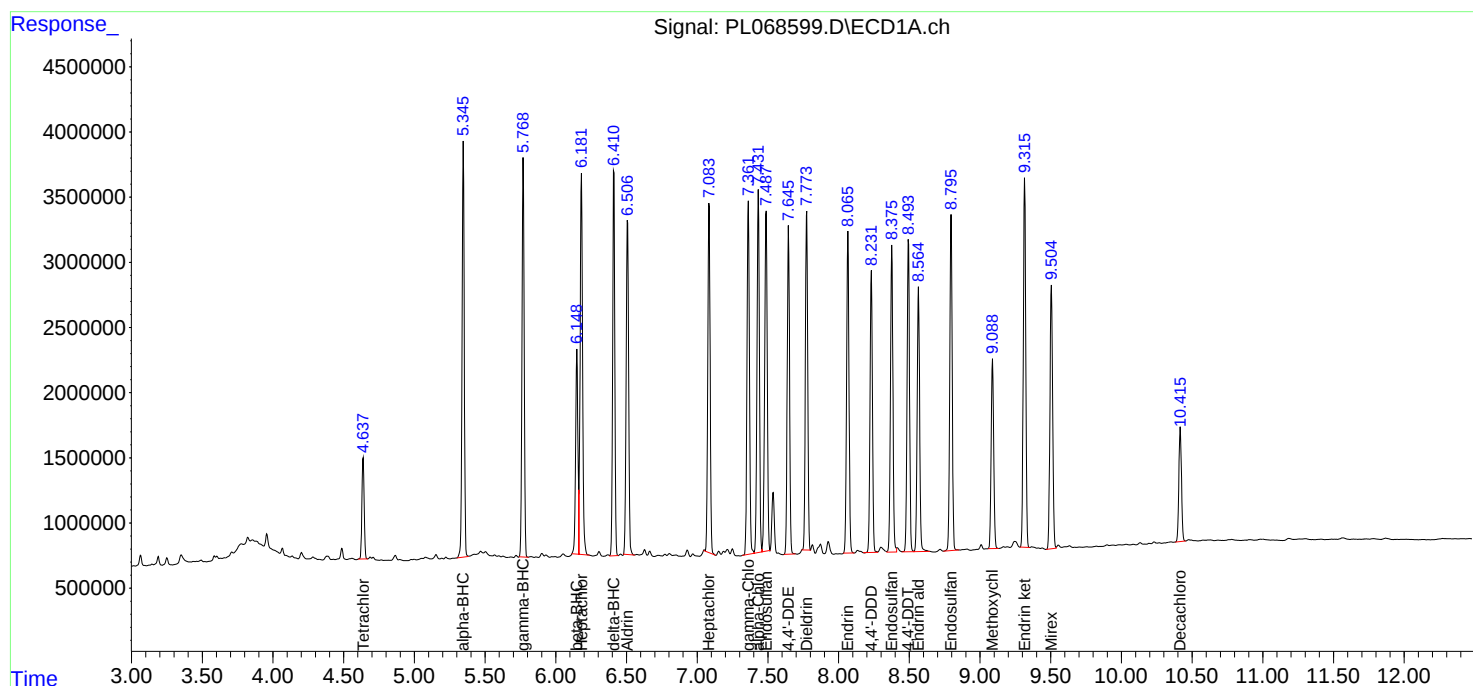
Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

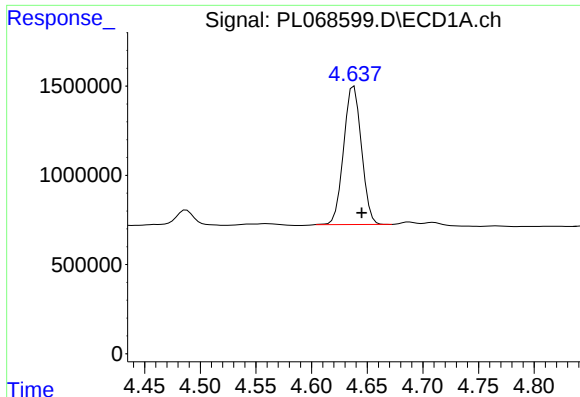
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 03:12:04 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
Quant Title : GC Extractables
QLast Update : Tue Jul 20 11:44:21 2021
Response 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





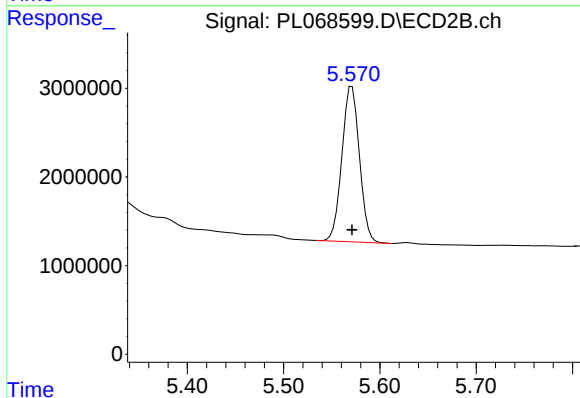
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.007 min
Response: 8643074
Conc: 20.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

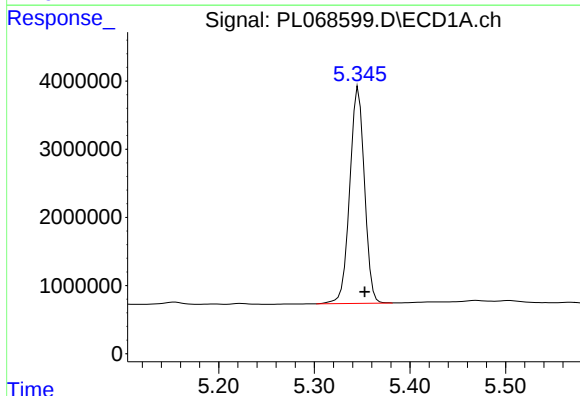
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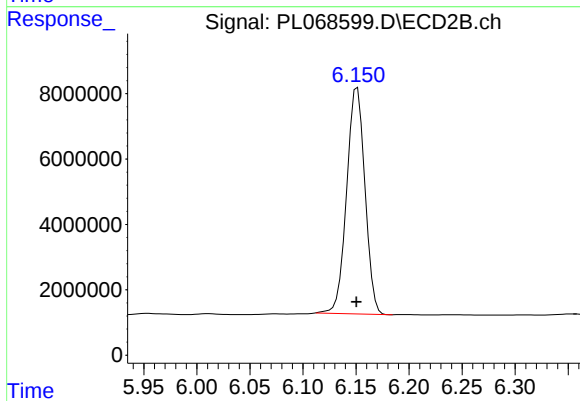
#1 Tetrachloro-m-xylene

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 22030753
Conc: 21.59 ng/ml



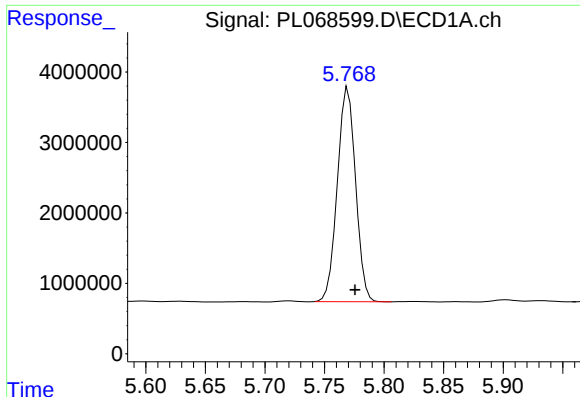
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.008 min
Response: 34105551
Conc: 58.26 ng/ml m



#2 alpha-BHC

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 82894783
Conc: 60.97 ng/ml



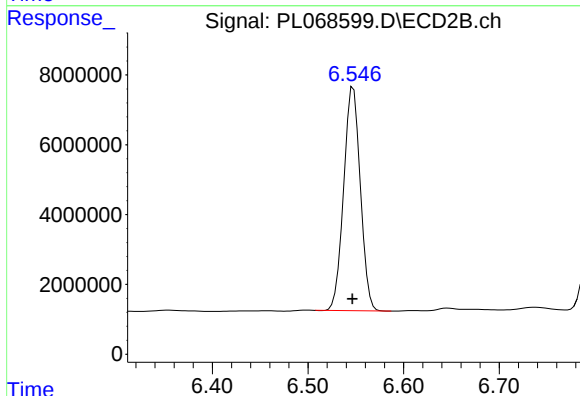
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: -0.006 min
Response: 32397719
Conc: 56.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

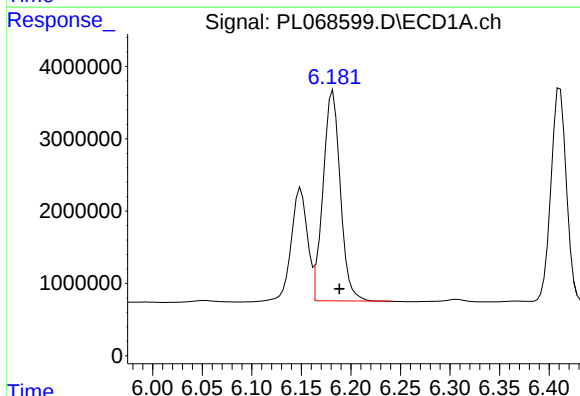
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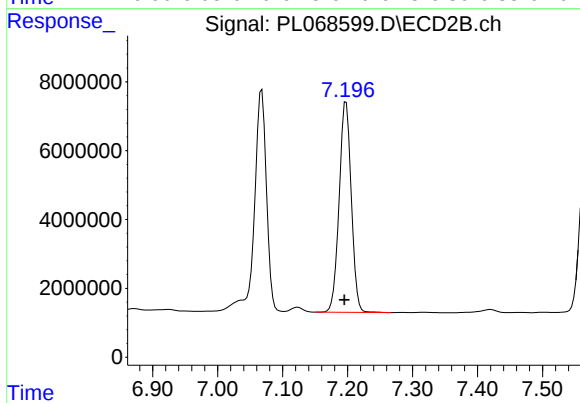
#3 gamma-BHC (Lindane)

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 77984181
Conc: 60.44 ng/ml



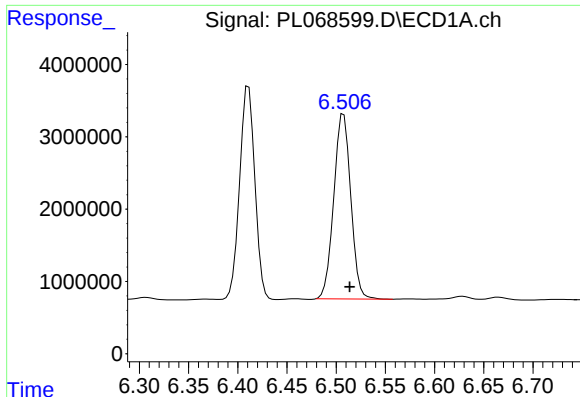
#4 Heptachlor

R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 35205111
Conc: 57.76 ng/ml



#4 Heptachlor

R.T.: 7.198 min
Delta R.T.: 0.003 min
Response: 79322628
Conc: 60.86 ng/ml



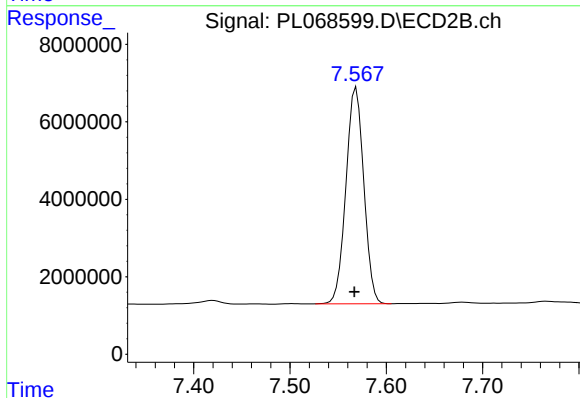
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.006 min
Response: 30825459
Conc: 54.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

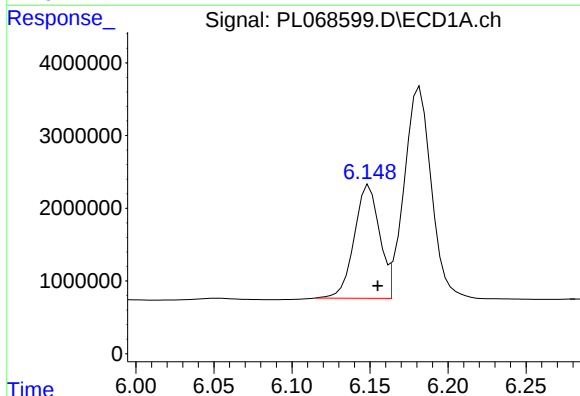
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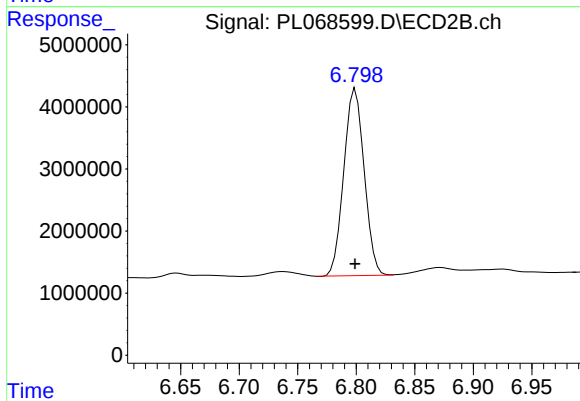
#5 Aldrin

R.T.: 7.569 min
Delta R.T.: 0.002 min
Response: 71609748
Conc: 60.36 ng/ml



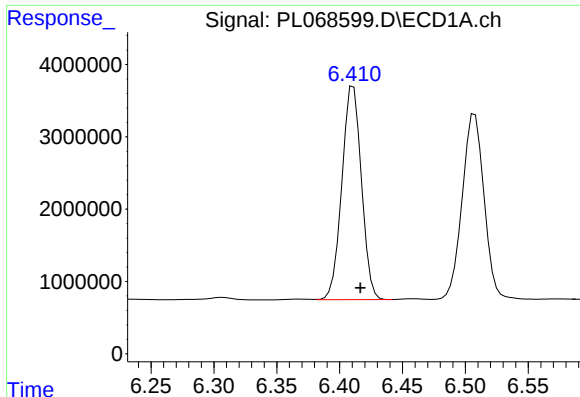
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.006 min
Response: 17545180
Conc: 59.96 ng/ml



#6 beta-BHC

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 36514579
Conc: 51.69 ng/ml



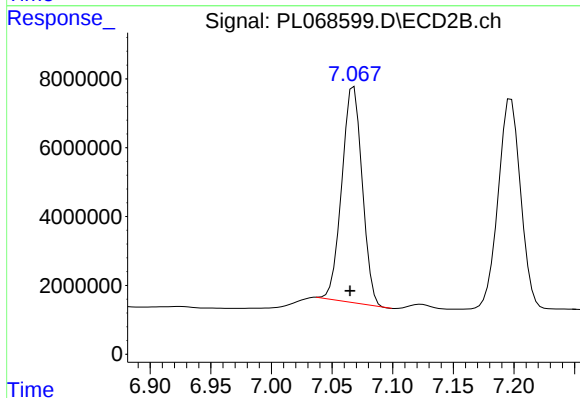
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.006 min
Response: 31929140
Conc: 57.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

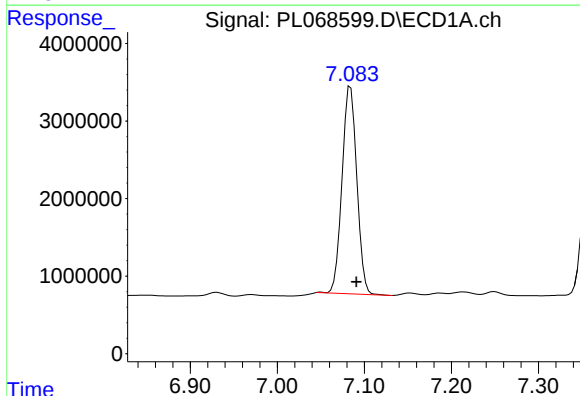
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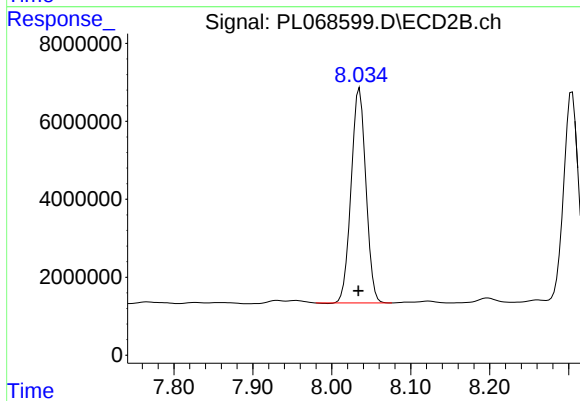
#7 delta-BHC

R.T.: 7.068 min
Delta R.T.: 0.003 min
Response: 72994775
Conc: 59.58 ng/ml



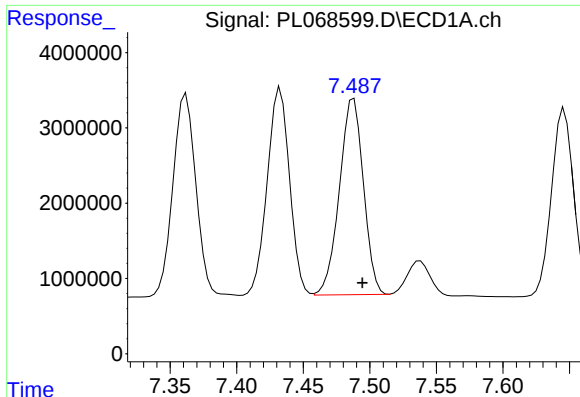
#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: -0.007 min
Response: 31548271
Conc: 56.79 ng/ml



#8 Heptachlor epoxide

R.T.: 8.035 min
Delta R.T.: 0.002 min
Response: 71566926
Conc: 63.30 ng/ml



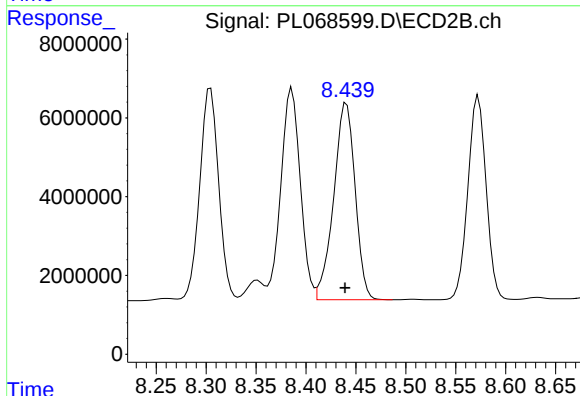
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: -0.006 min
Response: 32726509
Conc: 61.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

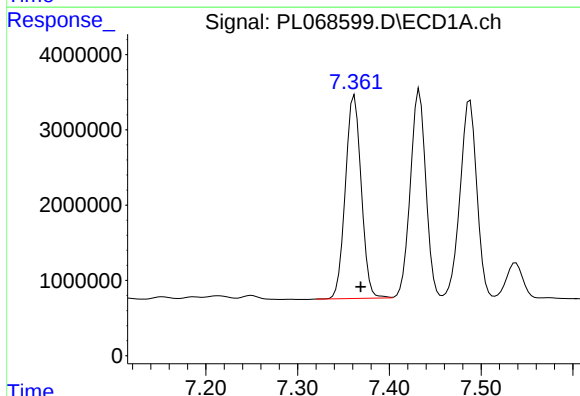
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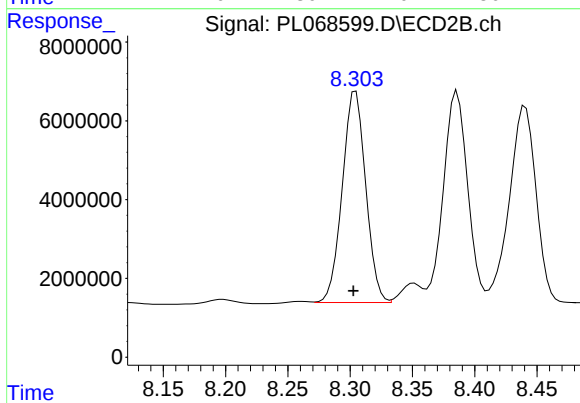
#9 Endosulfan I

R.T.: 8.441 min
Delta R.T.: 0.002 min
Response: 74640555
Conc: 72.50 ng/ml



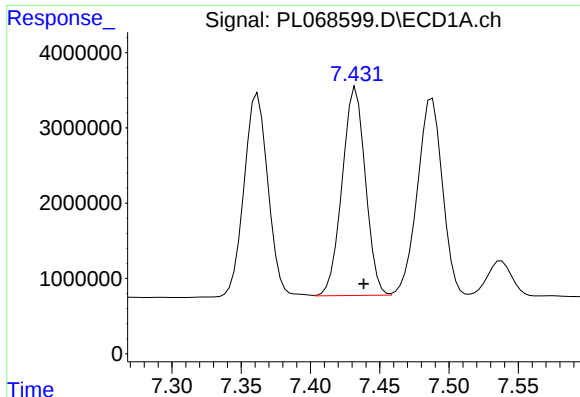
#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.007 min
Response: 32381818
Conc: 56.44 ng/ml



#10 gamma-Chlordane

R.T.: 8.304 min
Delta R.T.: 0.002 min
Response: 70493773
Conc: 62.59 ng/ml



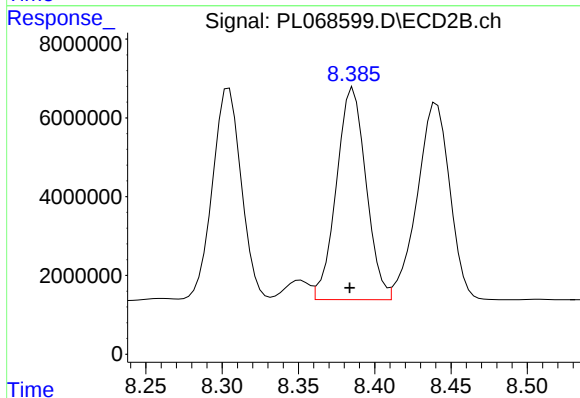
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.006 min
Response: 32368205
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

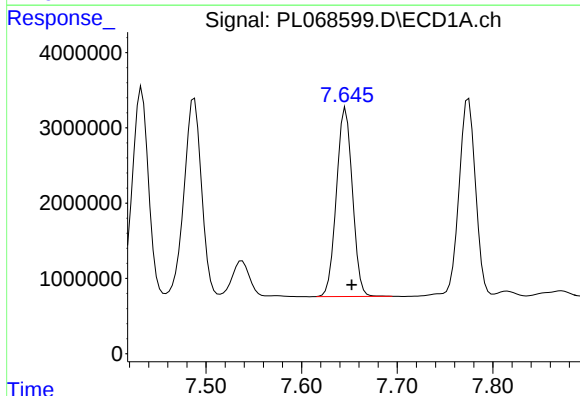
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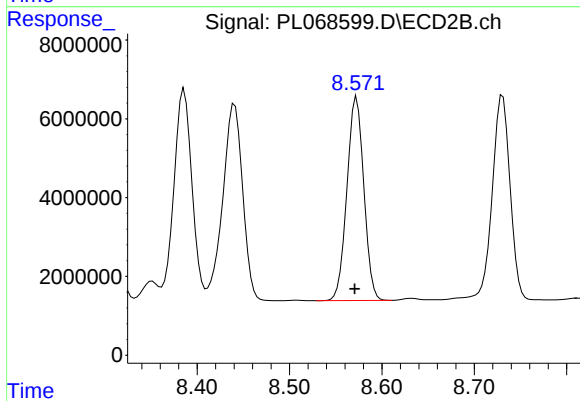
#11 alpha-Chlordane

R.T.: 8.386 min
Delta R.T.: 0.002 min
Response: 72787625
Conc: 64.72 ng/ml



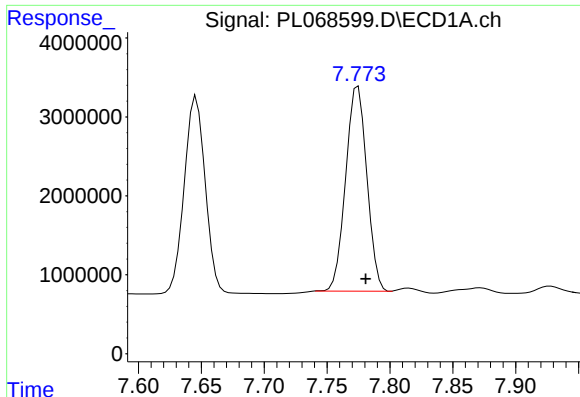
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: -0.006 min
Response: 29077959
Conc: 57.70 ng/ml



#12 4,4'-DDE

R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 65726555
Conc: 63.78 ng/ml



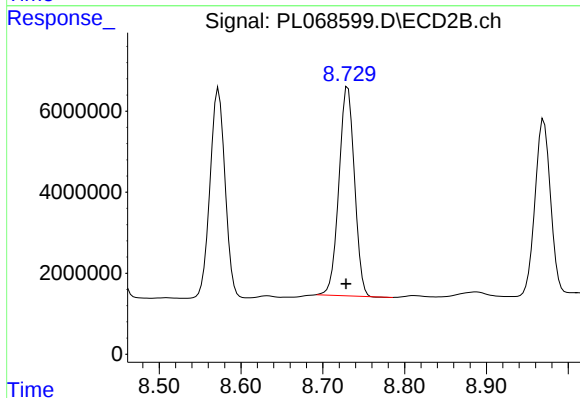
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: -0.006 min
Response: 30436954
Conc: 56.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

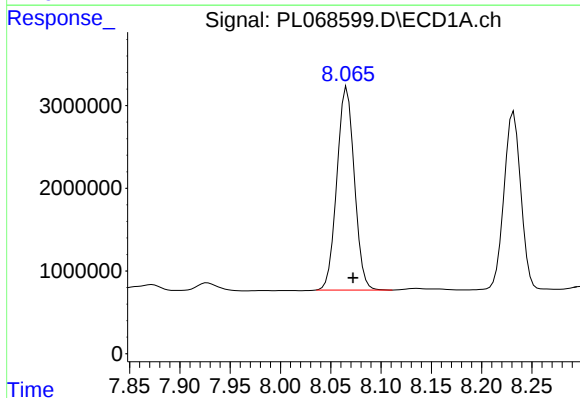
Manual Integrations
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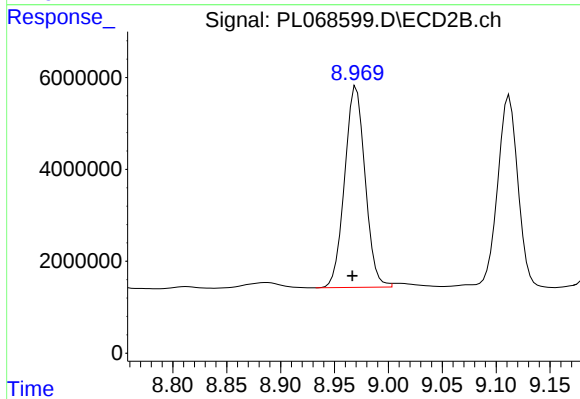
#13 Dieldrin

R.T.: 8.731 min
Delta R.T.: 0.002 min
Response: 67861754
Conc: 63.98 ng/ml



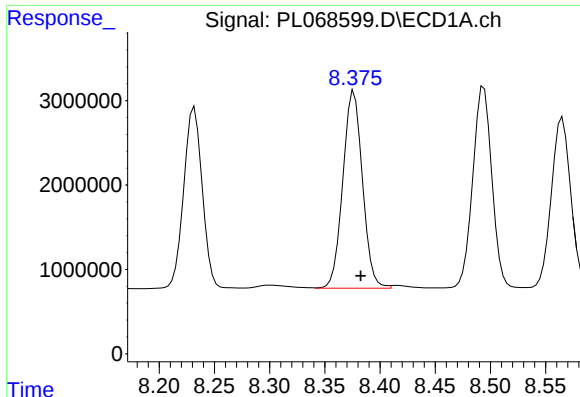
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.006 min
Response: 29594396
Conc: 59.18 ng/ml



#14 Endrin

R.T.: 8.969 min
Delta R.T.: 0.002 min
Response: 57892735
Conc: 64.74 ng/ml m



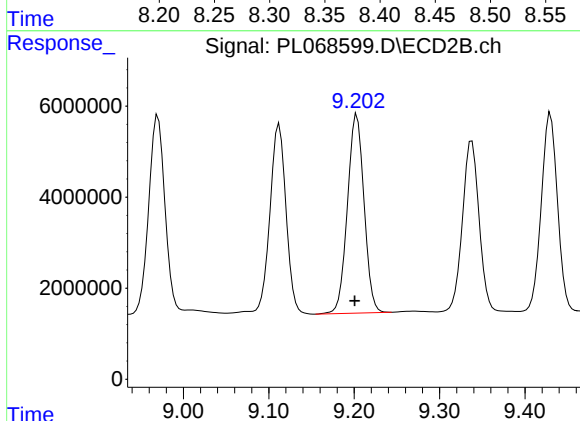
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: -0.006 min
Response: 28923747
Conc: 58.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

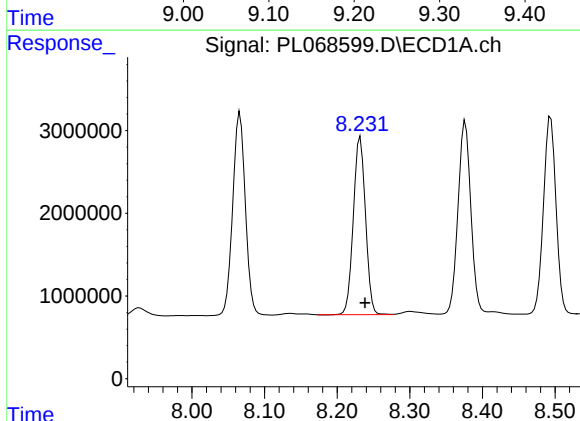
Manual Integrations
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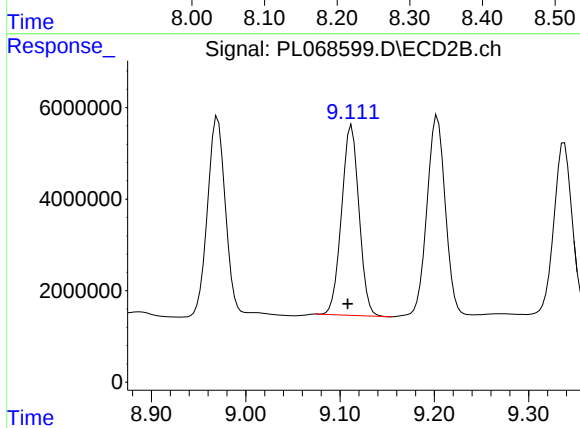
#15 Endosulfan II

R.T.: 9.203 min
Delta R.T.: 0.002 min
Response: 59026173
Conc: 65.12 ng/ml



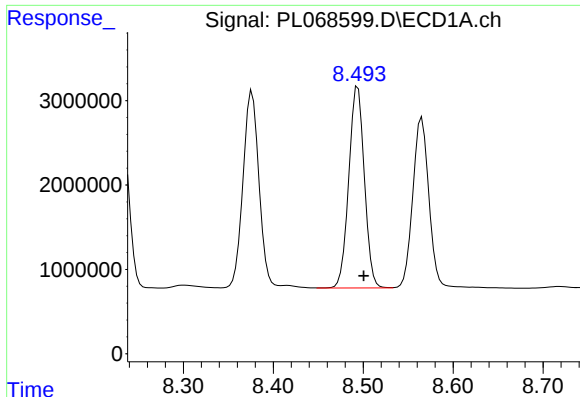
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.006 min
Response: 25097649
Conc: 56.19 ng/ml



#16 4,4'-DDD

R.T.: 9.112 min
Delta R.T.: 0.004 min
Response: 53557237
Conc: 62.90 ng/ml



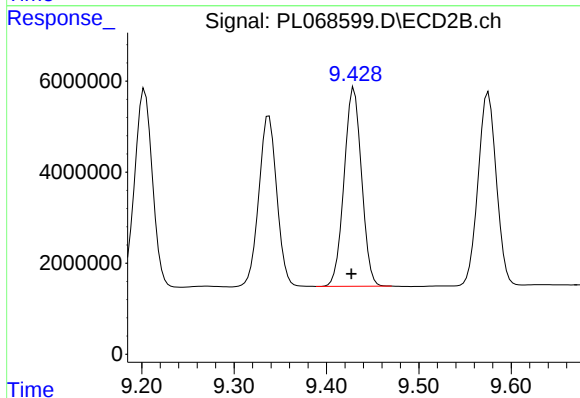
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.007 min
Response: 28756809
Conc: 57.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

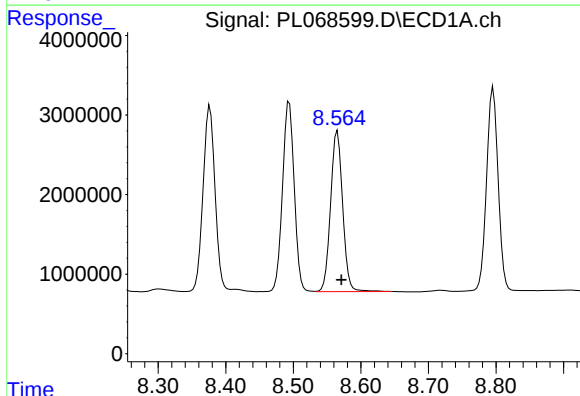
Manual Integrations
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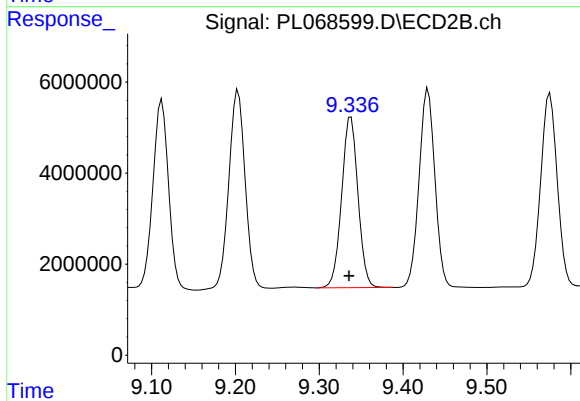
#17 4,4'-DDT

R.T.: 9.430 min
Delta R.T.: 0.003 min
Response: 57251104
Conc: 60.66 ng/ml



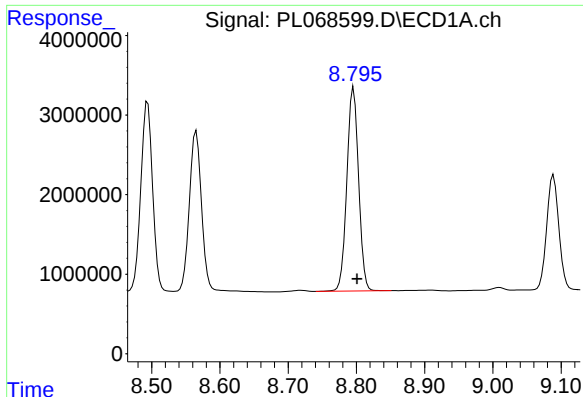
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: -0.006 min
Response: 25178617
Conc: 63.56 ng/ml



#18 Endrin aldehyde

R.T.: 9.338 min
Delta R.T.: 0.002 min
Response: 50794947
Conc: 70.48 ng/ml



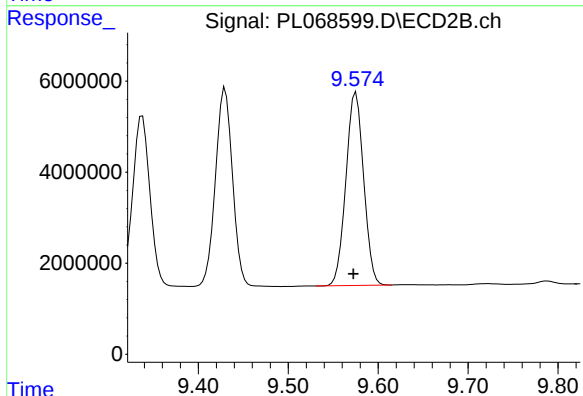
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 30584134
Conc: 58.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

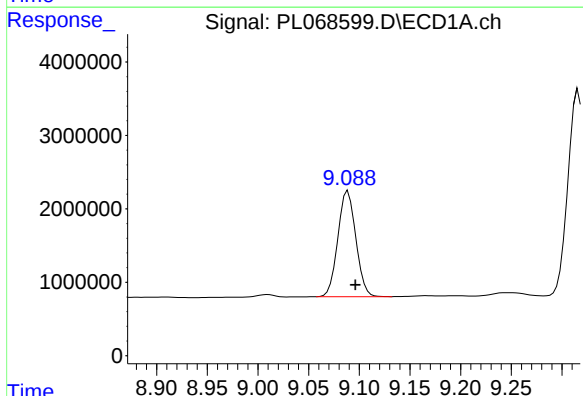
Manual Integrations
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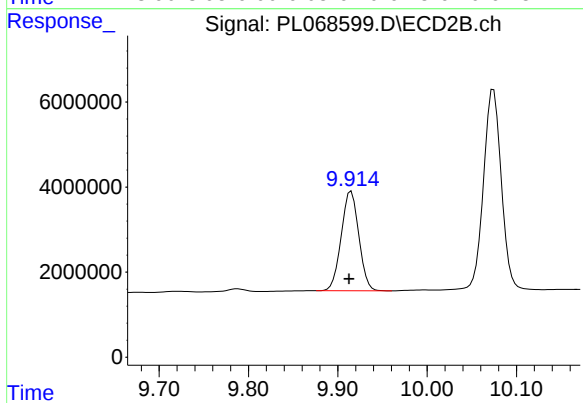
#19 Endosulfan Sulfate

R.T.: 9.575 min
Delta R.T.: 0.003 min
Response: 58112938
Conc: 64.54 ng/ml



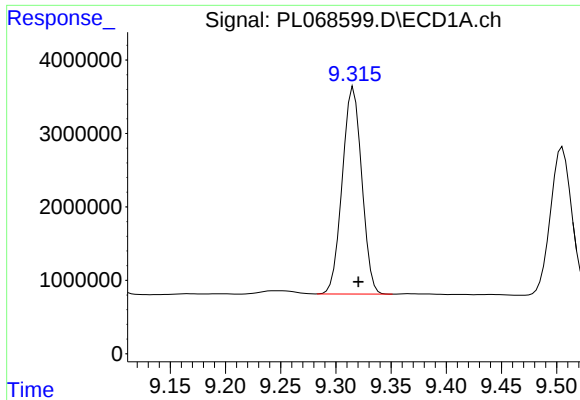
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.007 min
Response: 17801880
Conc: 56.91 ng/ml



#20 Methoxychlor

R.T.: 9.915 min
Delta R.T.: 0.002 min
Response: 32045801
Conc: 63.08 ng/ml



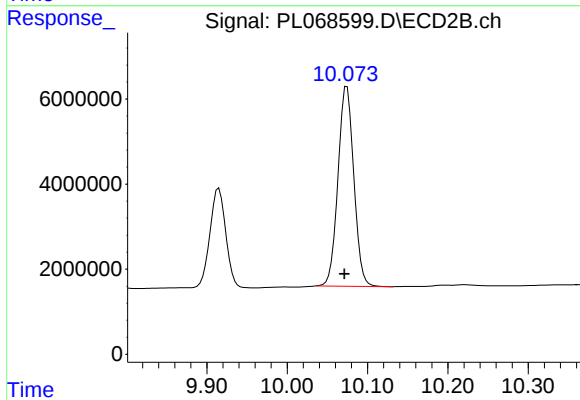
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 34591381
Conc: 58.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

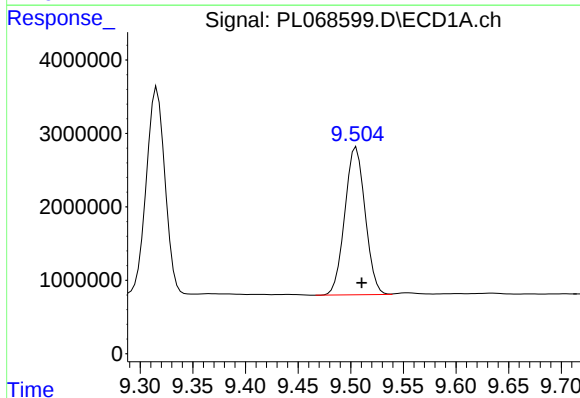
Manual Integrations
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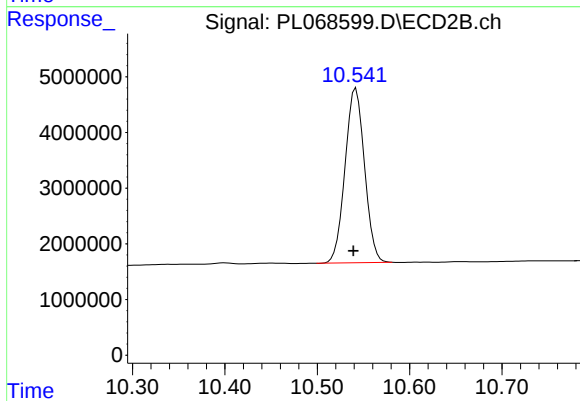
#21 Endrin ketone

R.T.: 10.074 min
Delta R.T.: 0.003 min
Response: 64350238
Conc: 64.52 ng/ml



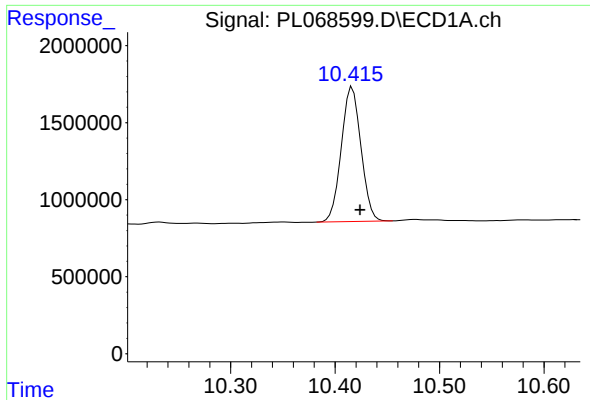
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.005 min
Response: 27142520
Conc: 54.96 ng/ml



#22 Mirex

R.T.: 10.542 min
Delta R.T.: 0.003 min
Response: 45914499
Conc: 59.35 ng/ml



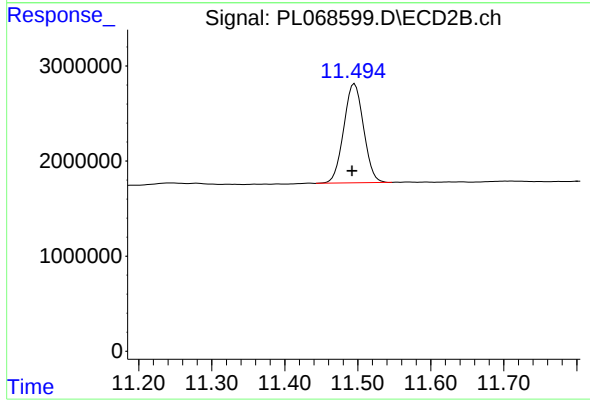
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.008 min
Response: 11422871
Conc: 20.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200029MS

Manual Integrations
APPROVED

mohammad
8/2/2021 12:34:38 PM



#28 Decachlorobiphenyl

R.T.: 11.496 min
Delta R.T.: 0.004 min
Response: 19663284
Conc: 22.04 ng/ml