

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080221\
 Data File : PL068642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2021 15:02
 Operator : AR\AJ
 Sample : M3253-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-2-COMPMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 01:45:35 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...	4.641	5.572	8556194	20594857	19.936	20.183
28)	SA Decachlor...	10.417	11.496	10402500	17437792	18.496	19.549
Target Compounds							
2)	A alpha-BHC	5.349	6.152	31815007	76467571	54.348	56.242
3)	MA gamma-BHC...	5.772	6.549	32551809	71753990	57.265	55.614
4)	MA Heptachlor	6.184	7.198	31721717	71120311	52.044	54.569
5)	MB Aldrin	6.510	7.569	30105765	66140525	53.573	55.746
6)	B beta-BHC	6.151	6.800	16002348	35835180	54.686	50.725
7)	B delta-BHC	6.413	7.069	30354381	69579041	54.328	56.790
8)	B Heptachlo...	7.086	8.036	29422103	59385999	52.960	52.525
9)	A Endosulfan I	7.490	8.442	31396494	56187494	59.432	54.573
10)	B gamma-Chl...	7.364	8.303	30246757	65445710	52.716	58.111m
11)	B alpha-Chl...	7.434	8.386	29925214	61643368	52.103	54.808
12)	B 4,4'-DDE	7.648	8.572	27734835	51039879	55.038	49.526
13)	MA Dieldrin	7.777	8.730	33285162	59029210	61.836	55.654m
14)	MA Endrin	8.068	8.969	27791246	49510566	55.572	55.371m
15)	B Endosulfa...	8.377	9.204	28087902	52357380	56.892m	57.765
16)	A 4,4'-DDD	8.232	9.112	25985952	53227678	58.175m	62.512
17)	MA 4,4'-DDT	8.495	9.430	25885064	50537133	51.606	53.544
18)	B Endrin al...	8.566	9.338	21971767	40174376	55.465	55.742
19)	B Endosulfa...	8.797	9.575	28487340	50680762	54.213	56.282
20)	A Methoxychlor	9.090	9.915	18663941	25209602	59.666	49.622
21)	B Endrin ke...	9.316	10.073	31759084	55322918	53.637	55.471m
22)	Mirex	9.504	10.542	25800258	41835576	52.246m	54.077

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080221\
Data File : PL068642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 15:02
Operator : AR\AJ
Sample : M3253-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

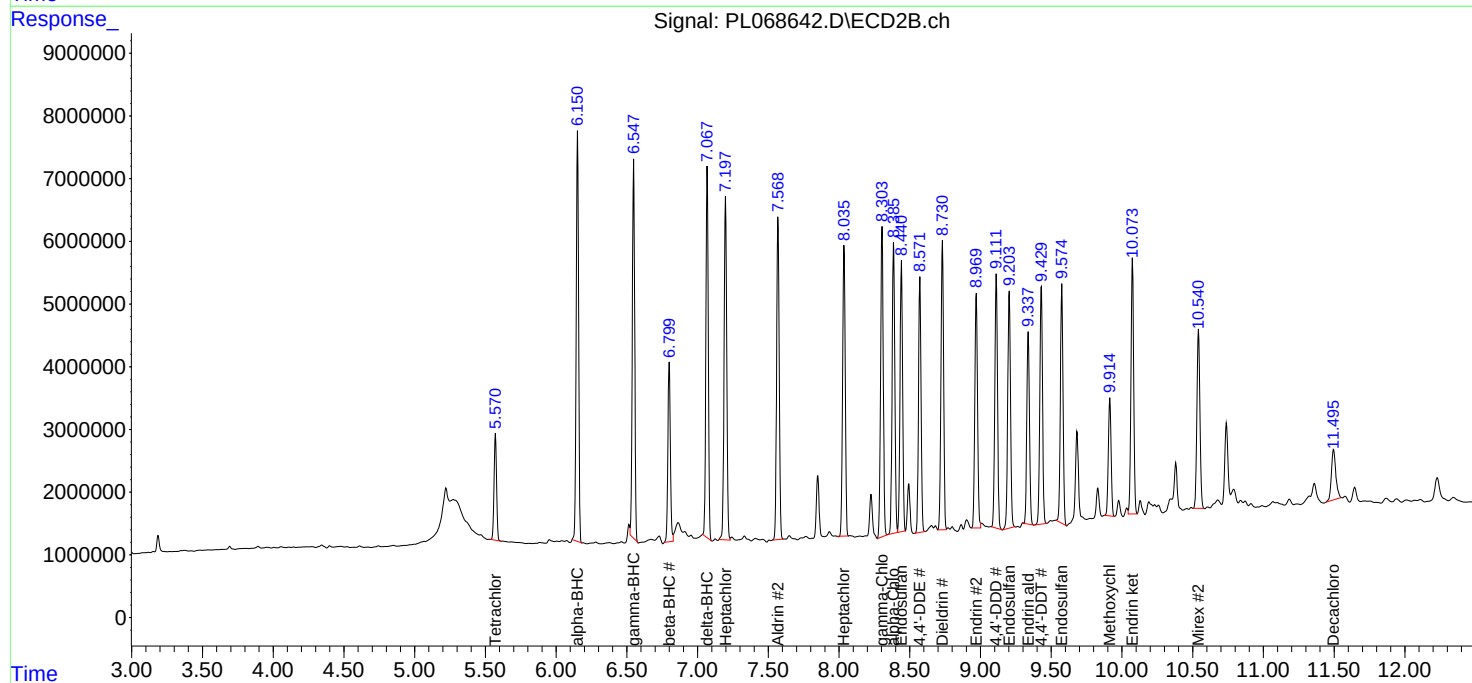
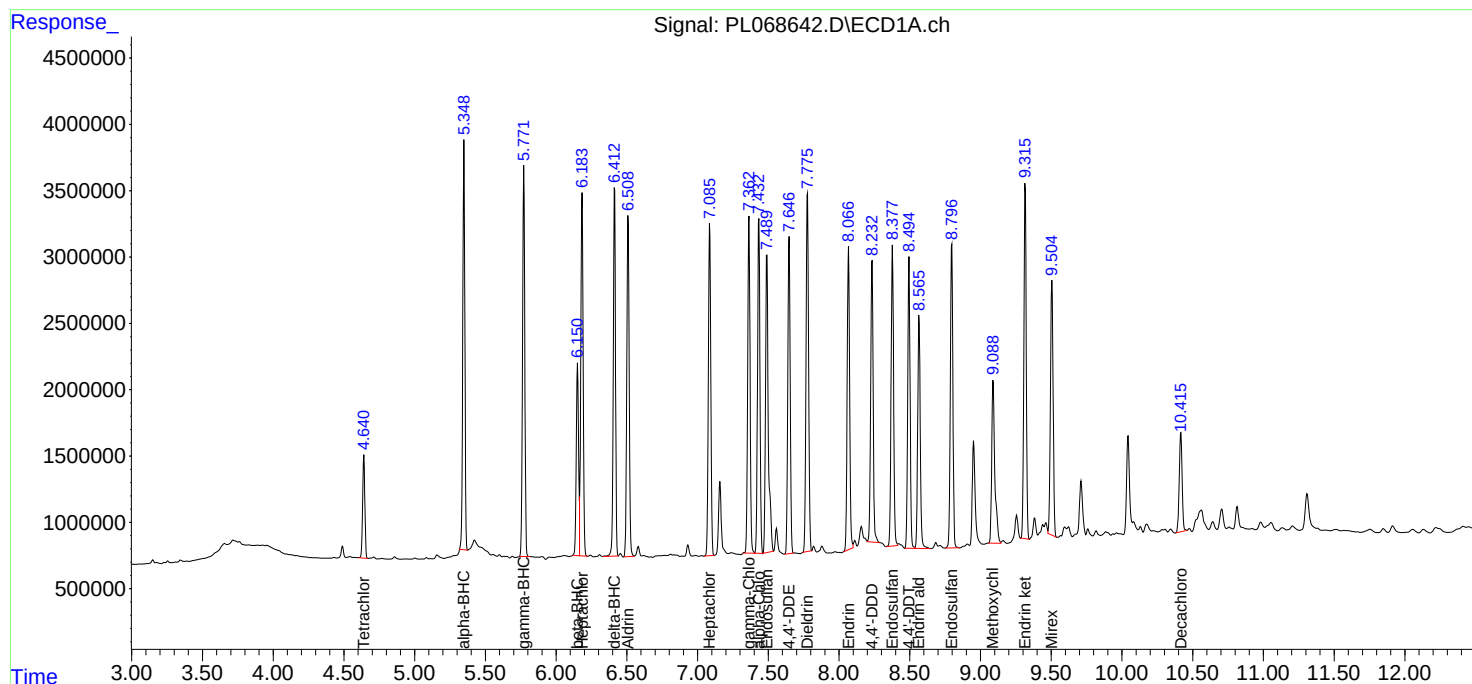
Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

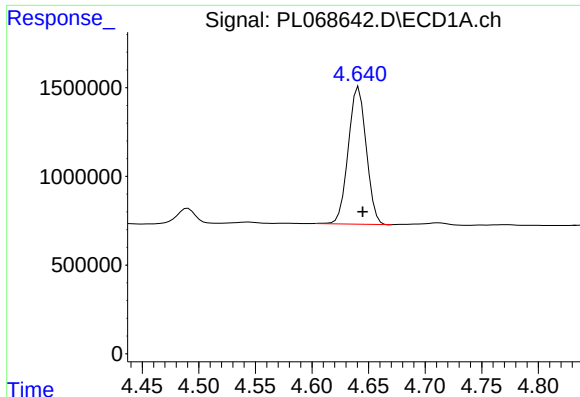
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 01:45:35 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
Quant Title : GC Extractables
QLast Update : Tue Jul 20 11:44:21 2021
Response 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





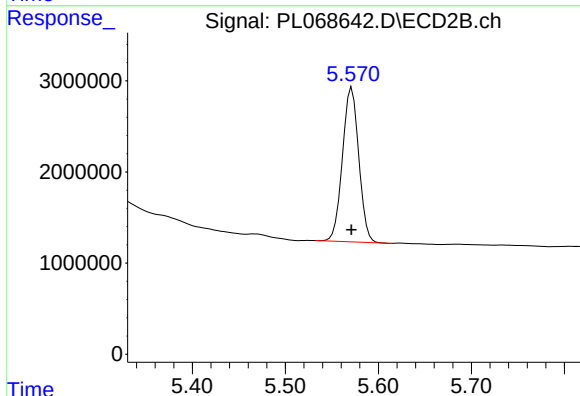
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.004 min
Response: 8556194
Conc: 19.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

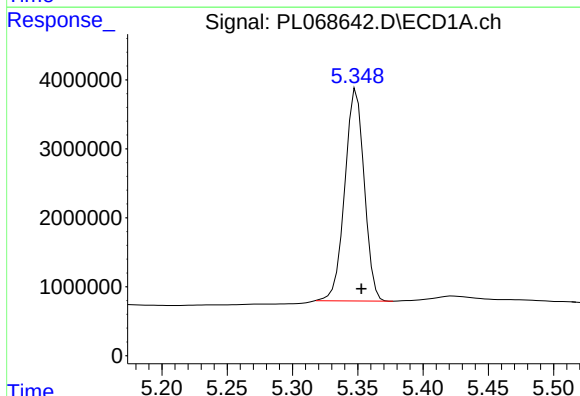
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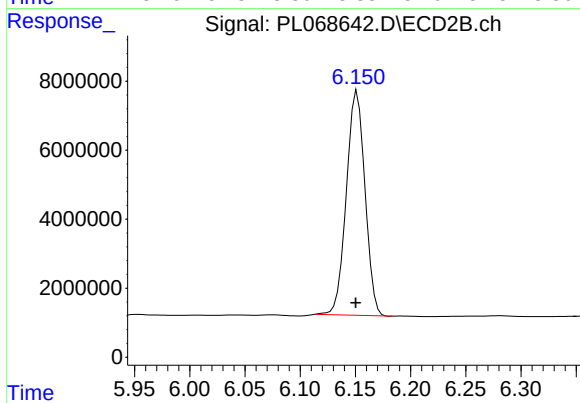
#1 Tetrachloro-m-xylene

R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 20594857
Conc: 20.18 ng/ml



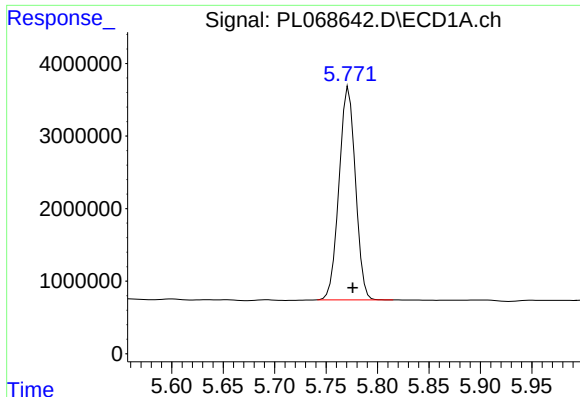
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.004 min
Response: 31815007
Conc: 54.35 ng/ml



#2 alpha-BHC

R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 76467571
Conc: 56.24 ng/ml



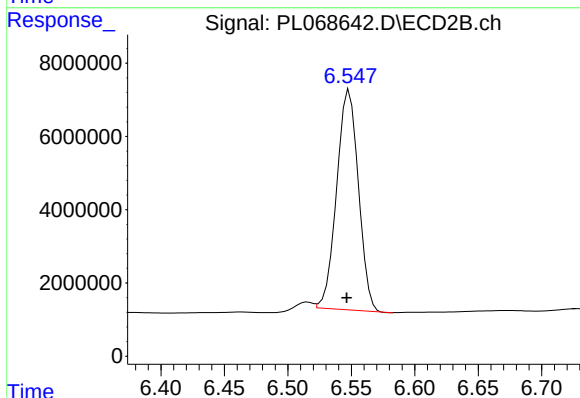
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 32551809
Conc: 57.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

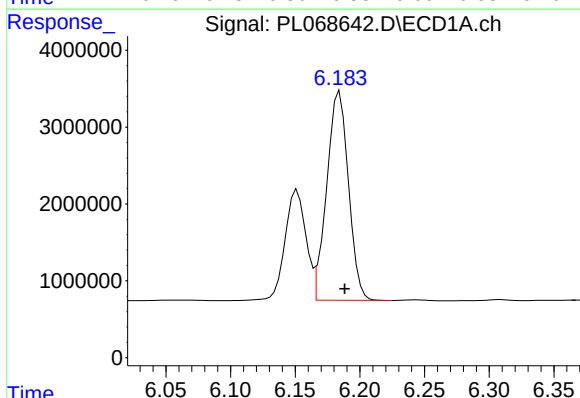
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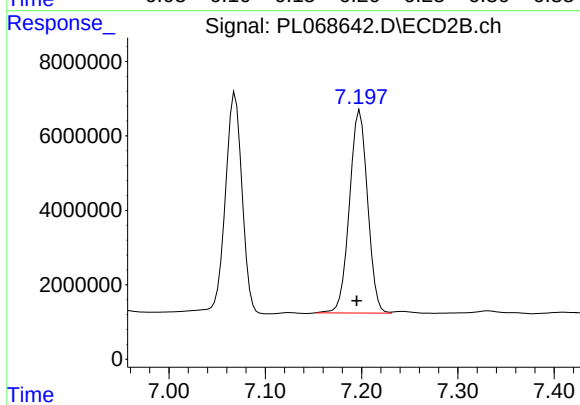
#3 gamma-BHC (Lindane)

R.T.: 6.549 min
Delta R.T.: 0.002 min
Response: 71753990
Conc: 55.61 ng/ml



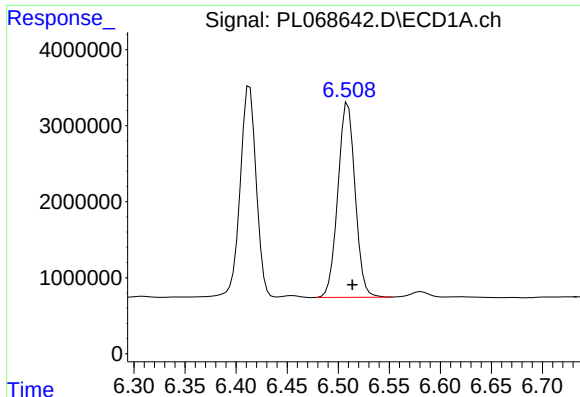
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 31721717
Conc: 52.04 ng/ml



#4 Heptachlor

R.T.: 7.198 min
Delta R.T.: 0.003 min
Response: 71120311
Conc: 54.57 ng/ml



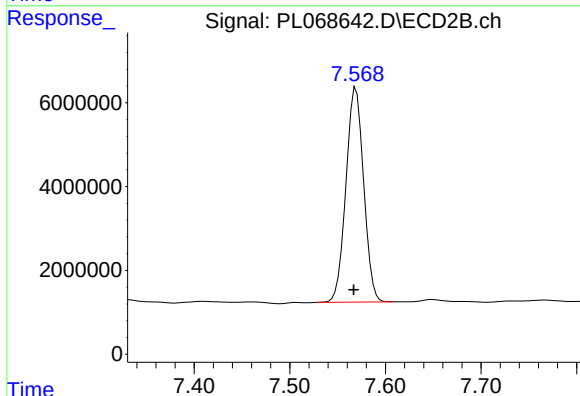
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.004 min
Response: 30105765
Conc: 53.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

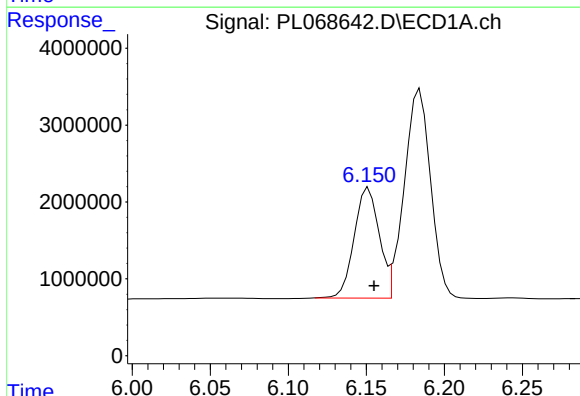
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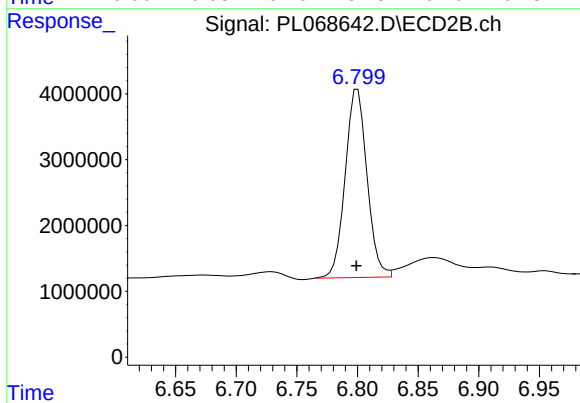
#5 Aldrin

R.T.: 7.569 min
Delta R.T.: 0.002 min
Response: 66140525
Conc: 55.75 ng/ml



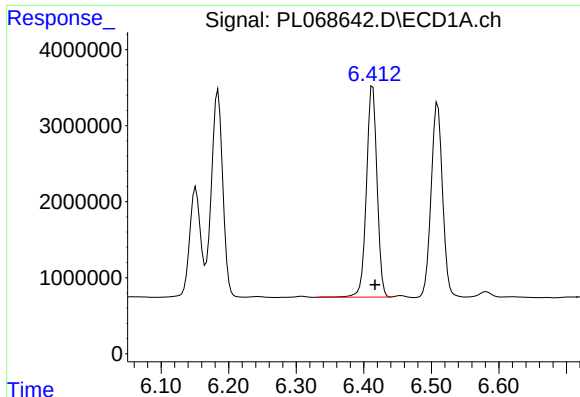
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.003 min
Response: 16002348
Conc: 54.69 ng/ml



#6 beta-BHC

R.T.: 6.800 min
Delta R.T.: 0.001 min
Response: 35835180
Conc: 50.72 ng/ml



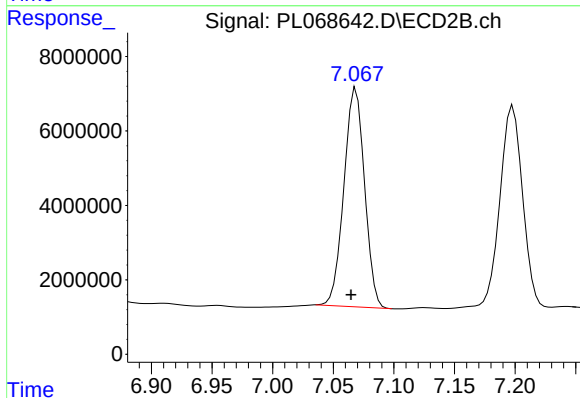
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 30354381
Conc: 54.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

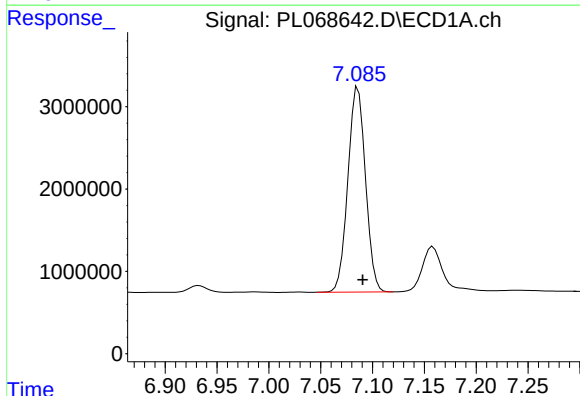
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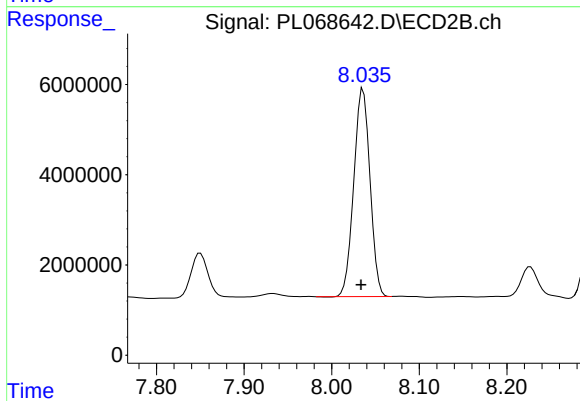
#7 delta-BHC

R.T.: 7.069 min
Delta R.T.: 0.004 min
Response: 69579041
Conc: 56.79 ng/ml



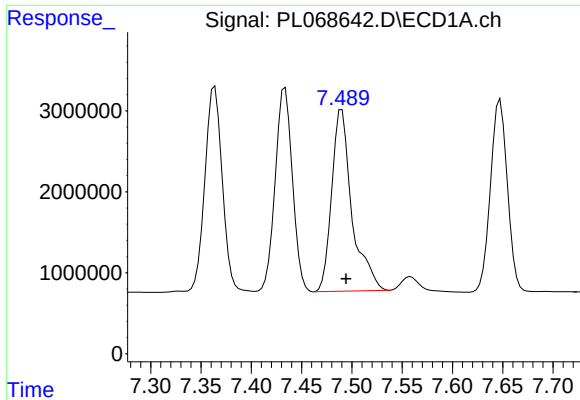
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.005 min
Response: 29422103
Conc: 52.96 ng/ml



#8 Heptachlor epoxide

R.T.: 8.036 min
Delta R.T.: 0.002 min
Response: 59385999
Conc: 52.53 ng/ml



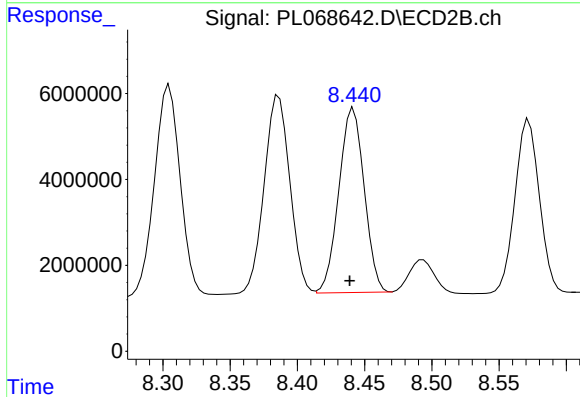
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.004 min
Response: 31396494
Conc: 59.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

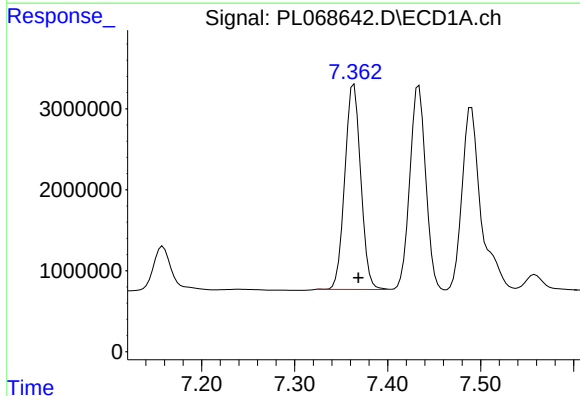
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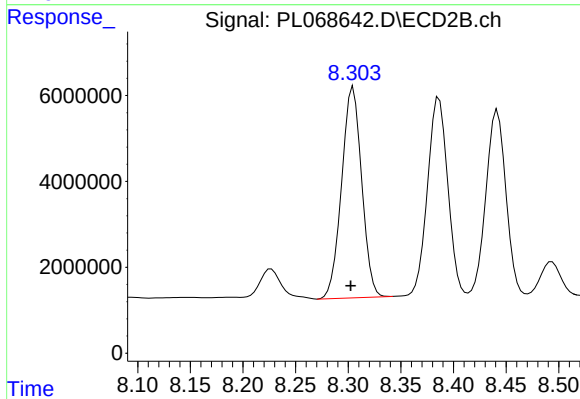
#9 Endosulfan I

R.T.: 8.442 min
Delta R.T.: 0.003 min
Response: 56187494
Conc: 54.57 ng/ml



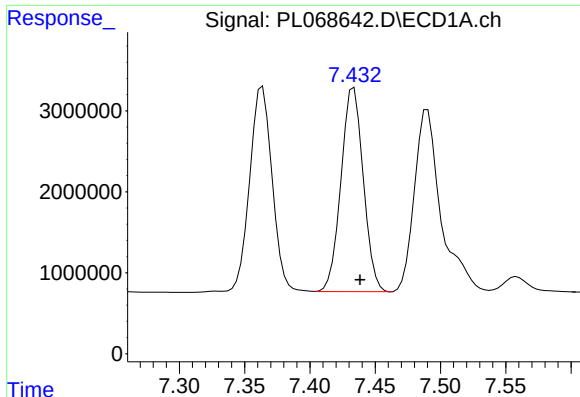
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.005 min
Response: 30246757
Conc: 52.72 ng/ml



#10 gamma-Chlordane

R.T.: 8.303 min
Delta R.T.: 0.000 min
Response: 65445710
Conc: 58.11 ng/ml m



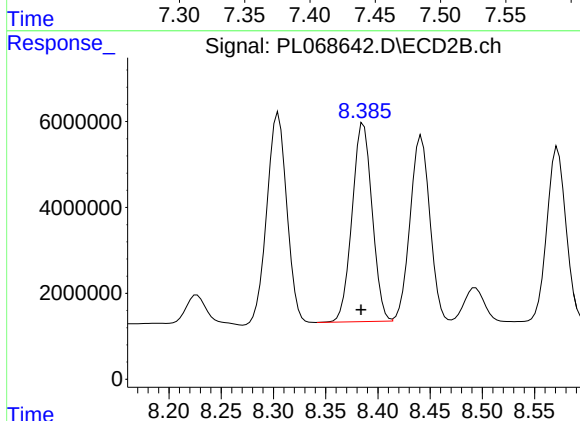
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.005 min
Response: 29925214
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

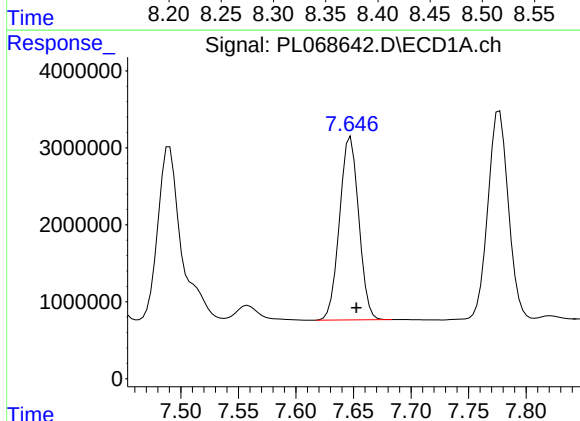
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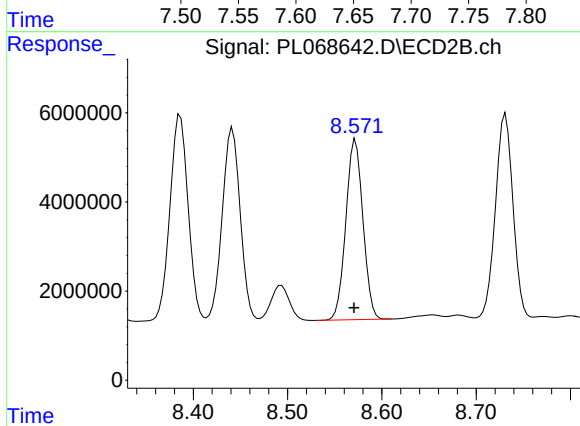
#11 alpha-Chlordane

R.T.: 8.386 min
Delta R.T.: 0.002 min
Response: 61643368
Conc: 54.81 ng/ml



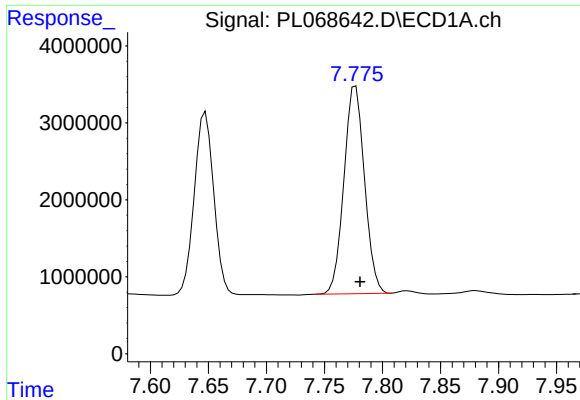
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 27734835
Conc: 55.04 ng/ml



#12 4,4'-DDE

R.T.: 8.572 min
Delta R.T.: 0.001 min
Response: 51039879
Conc: 49.53 ng/ml



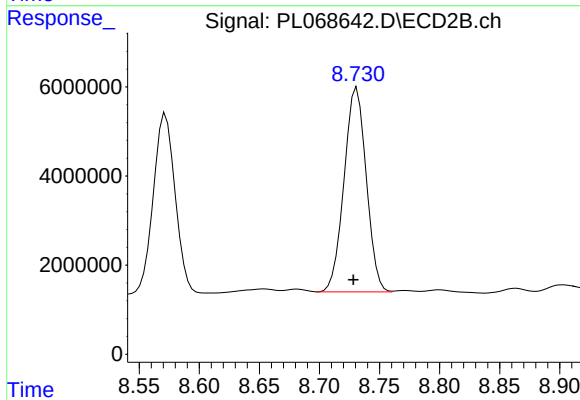
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.004 min
Response: 33285162
Conc: 61.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

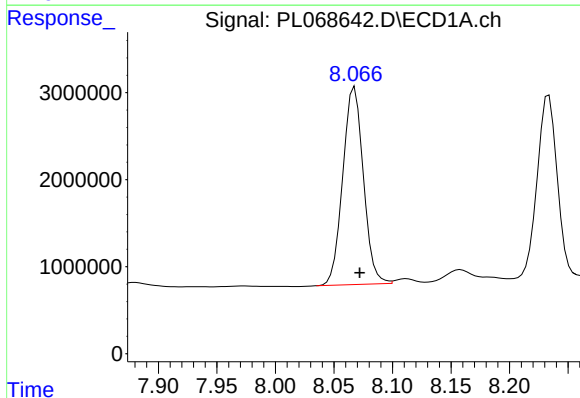
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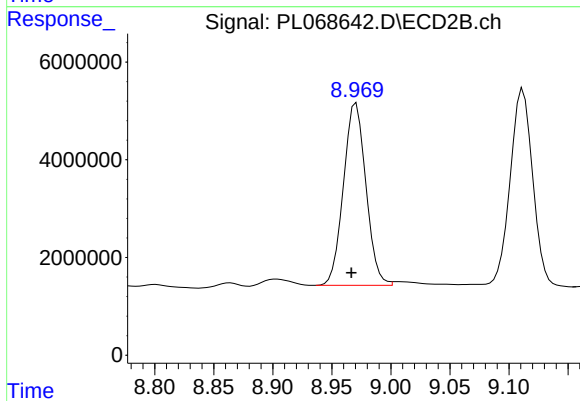
#13 Dieldrin

R.T.: 8.730 min
Delta R.T.: 0.001 min
Response: 59029210
Conc: 55.65 ng/ml m



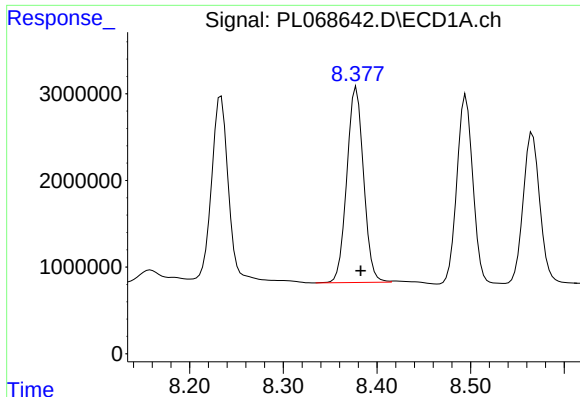
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.004 min
Response: 27791246
Conc: 55.57 ng/ml



#14 Endrin

R.T.: 8.969 min
Delta R.T.: 0.003 min
Response: 49510566
Conc: 55.37 ng/ml m



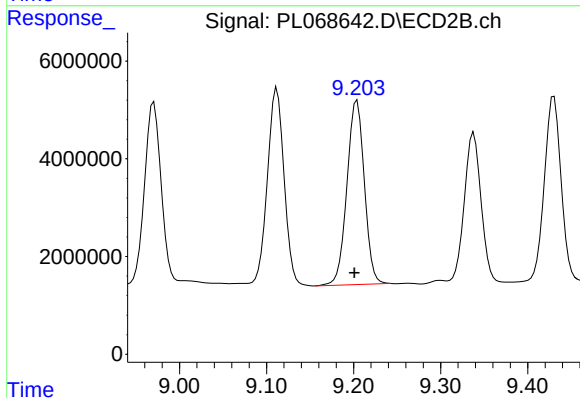
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.006 min
Response: 28087902
Conc: 56.89 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

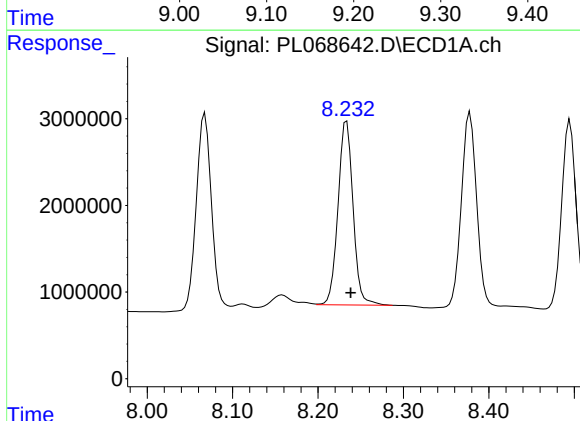
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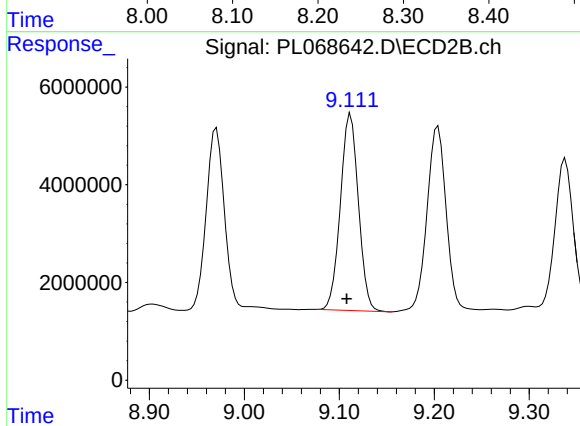
#15 Endosulfan II

R.T.: 9.204 min
Delta R.T.: 0.003 min
Response: 52357380
Conc: 57.76 ng/ml



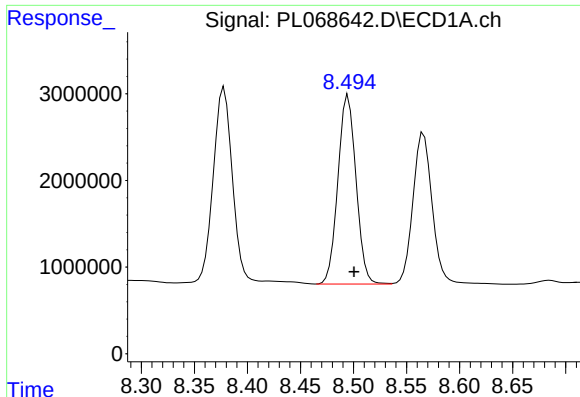
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.006 min
Response: 25985952
Conc: 58.18 ng/ml m



#16 4,4'-DDD

R.T.: 9.112 min
Delta R.T.: 0.004 min
Response: 53227678
Conc: 62.51 ng/ml



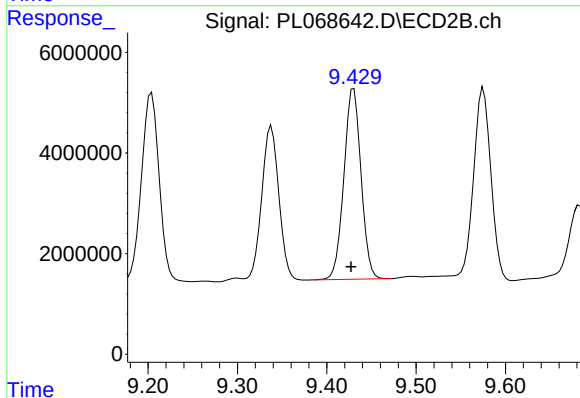
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.006 min
Response: 25885064
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

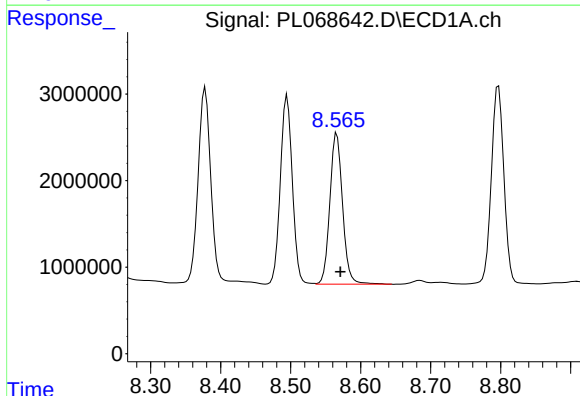
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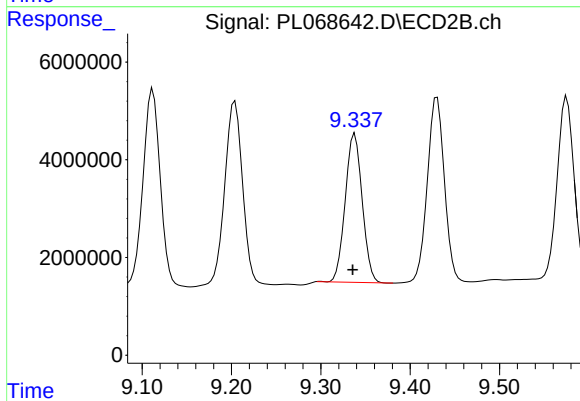
#17 4,4'-DDT

R.T.: 9.430 min
Delta R.T.: 0.003 min
Response: 50537133
Conc: 53.54 ng/ml



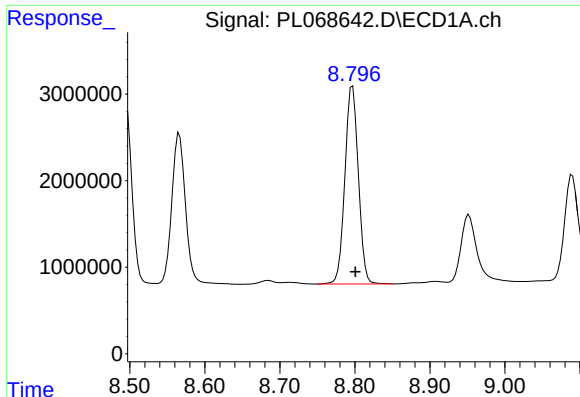
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.005 min
Response: 21971767
Conc: 55.47 ng/ml



#18 Endrin aldehyde

R.T.: 9.338 min
Delta R.T.: 0.002 min
Response: 40174376
Conc: 55.74 ng/ml



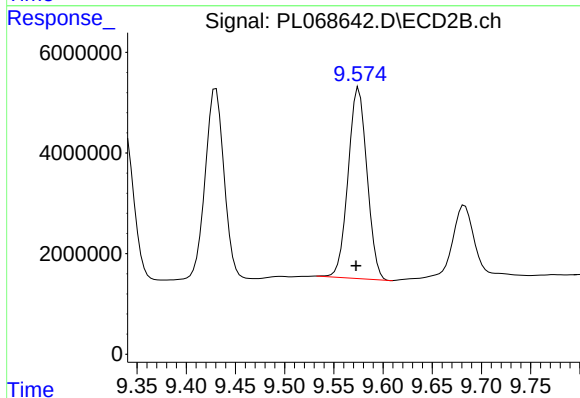
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 28487340
Conc: 54.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

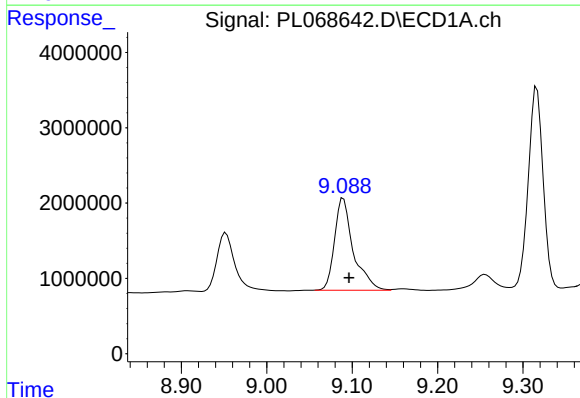
Manual Integrations
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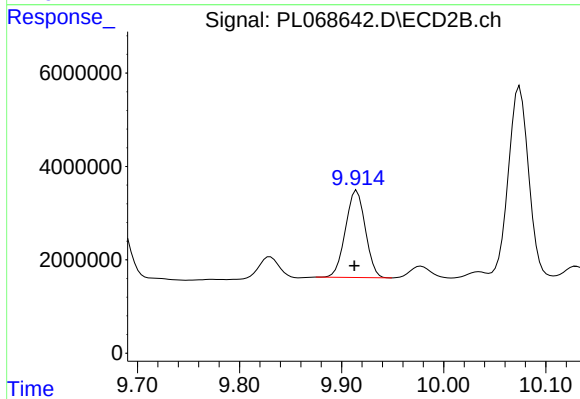
#19 Endosulfan Sulfate

R.T.: 9.575 min
Delta R.T.: 0.003 min
Response: 50680762
Conc: 56.28 ng/ml



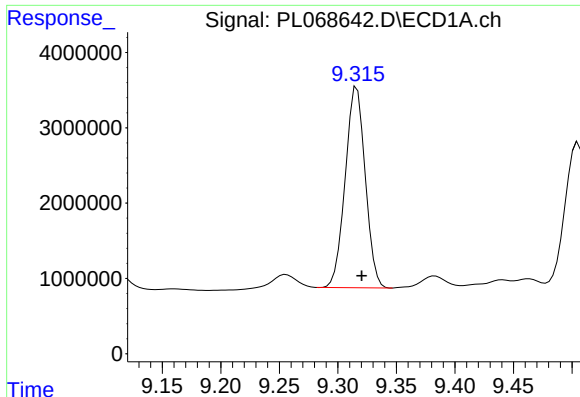
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.006 min
Response: 18663941
Conc: 59.67 ng/ml



#20 Methoxychlor

R.T.: 9.915 min
Delta R.T.: 0.002 min
Response: 25209602
Conc: 49.62 ng/ml



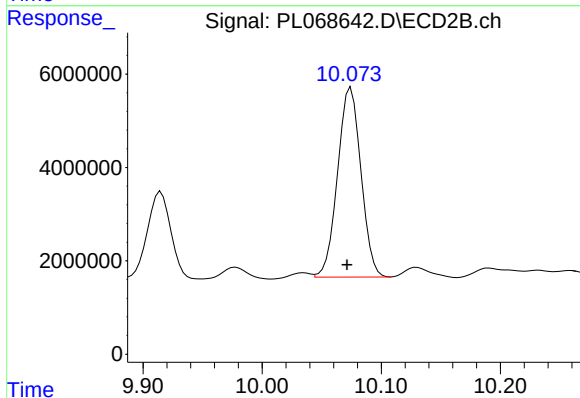
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 31759084
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

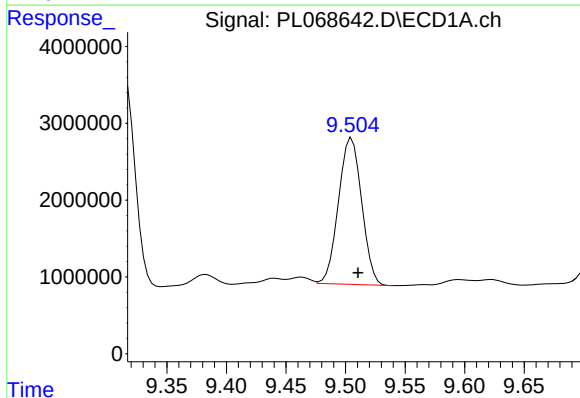
Manual Integrations
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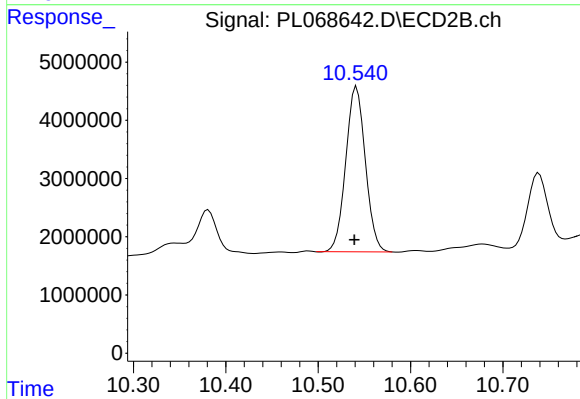
#21 Endrin ketone

R.T.: 10.073 min
Delta R.T.: 0.002 min
Response: 55322918
Conc: 55.47 ng/ml m



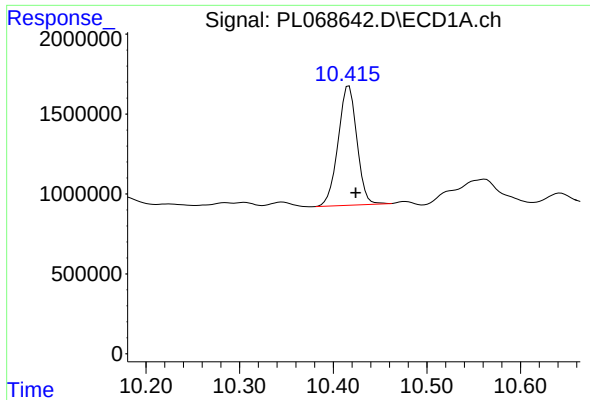
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.007 min
Response: 25800258
Conc: 52.25 ng/ml m



#22 Mirex

R.T.: 10.542 min
Delta R.T.: 0.002 min
Response: 41835576
Conc: 54.08 ng/ml



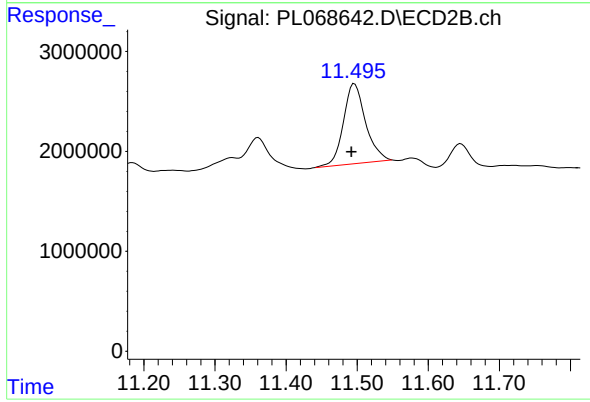
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.007 min
Response: 10402500
Conc: 18.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-2-COMPMSD

Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:28 AM



#28 Decachlorobiphenyl

R.T.: 11.496 min
Delta R.T.: 0.004 min
Response: 17437792
Conc: 19.55 ng/ml