

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071125\
 Data File : PD089452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2025 11:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/14/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 22:49:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.880	141.7E6	899.5E6	49.682	53.055
28)	SA Decachlor...	9.072	8.071	193.1E6	982.5E6	49.160	49.698
Target Compounds							
2)	A alpha-BHC	4.000	3.392	304.4E6	1441.9E6	52.214	53.807
3)	MA gamma-BHC...	4.331	3.727	289.3E6	1327.6E6	51.832	53.626m
4)	MA Heptachlor	4.929	4.081	280.1E6	1294.2E6	51.381	51.689
5)	MB Aldrin	5.271	4.367	273.9E6	1295.0E6	51.560	53.474
6)	B beta-BHC	4.516	4.024	111.5E6	567.0E6	50.509	52.761
7)	B delta-BHC	4.765	4.260	280.5E6	1331.9E6	54.641	53.549
8)	B Heptachlo...	5.691	4.871	242.3E6	1201.3E6	50.220	54.857
9)	A Endosulfan I	6.075	5.245	227.4E6	1093.9E6	50.457	52.483
10)	B gamma-Chl...	5.946	5.124	244.7E6	1268.8E6	51.109	53.036
11)	B alpha-Chl...	6.027	5.188	244.5E6	1207.9E6	50.532	52.752
12)	B 4,4'-DDE	6.196	5.373	219.0E6	1210.1E6	50.217	52.806
13)	MA Dieldrin	6.347	5.509	244.1E6	1224.7E6	50.873	52.771m
14)	MA Endrin	6.575	5.788	196.9E6	1128.5E6	47.723	51.970
15)	B Endosulfa...	6.786	6.079	196.0E6	1049.9E6	48.566	51.984
16)	A 4,4'-DDD	6.705	5.928	172.4E6	1009.5E6	50.225	52.774
17)	MA 4,4'-DDT	7.021	6.182	175.7E6	1012.3E6	46.373	49.916
18)	B Endrin al...	6.915	6.257	146.4E6	780.2E6	47.778	50.955
19)	B Endosulfa...	7.149	6.480	180.7E6	993.9E6	47.095	50.657
20)	A Methoxychlor	7.493	6.752	85801063	486.9E6	42.463	45.215
21)	B Endrin ke...	7.630	6.989	190.5E6	1065.6E6	46.764	49.331
22)	Mirex	8.113	7.183	134.2E6	792.0E6	44.139	47.486

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071125\
Data File : PD089452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 11:25
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

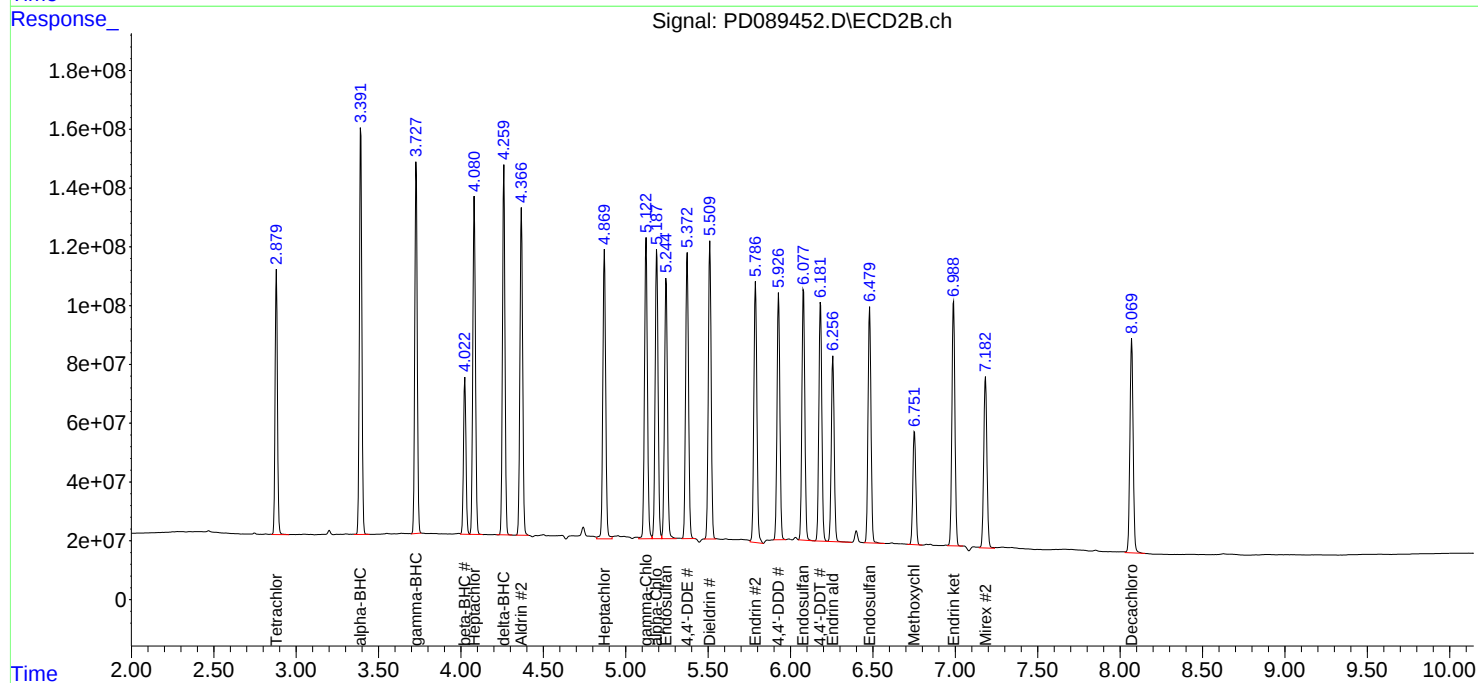
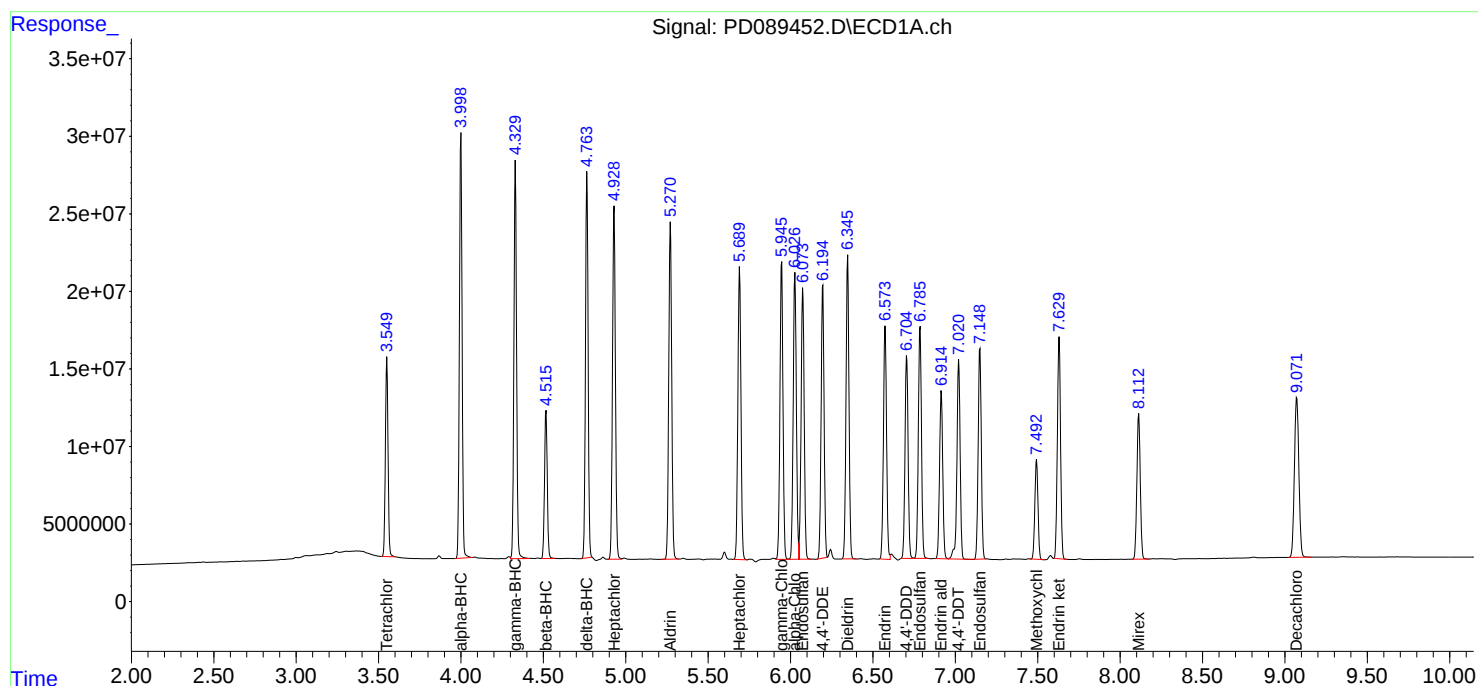
APPROVED

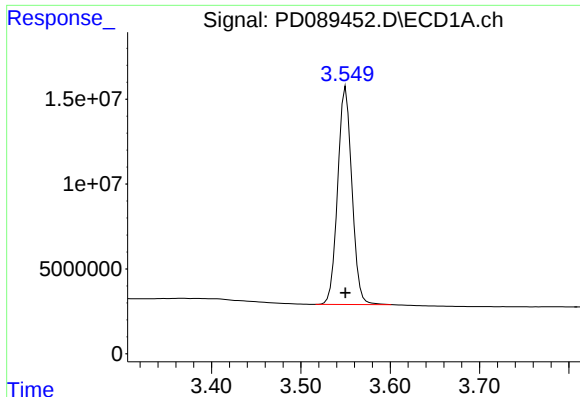
Reviewed By :Abdul Mirza 07/14/2025

Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:49:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 141748061
Conc: 49.68 ng/ml

Instrument :

ECD_D

ClientSampleId :

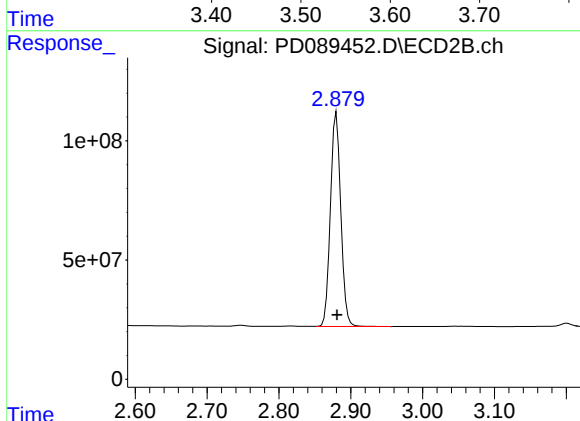
PSTDCCC050

Manual Integrations

APPROVED

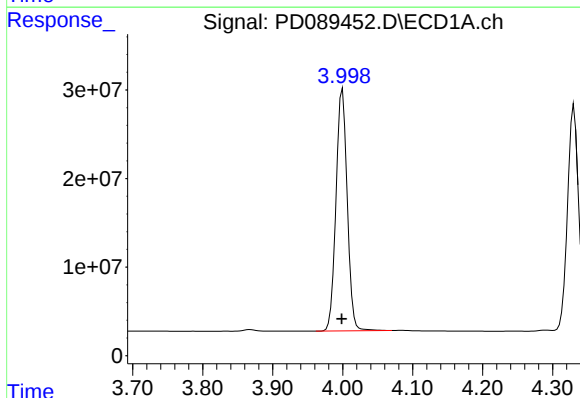
Reviewed By :Abdul Mirza 07/14/2025

Supervised By :mohammad ahmed 07/15/2025



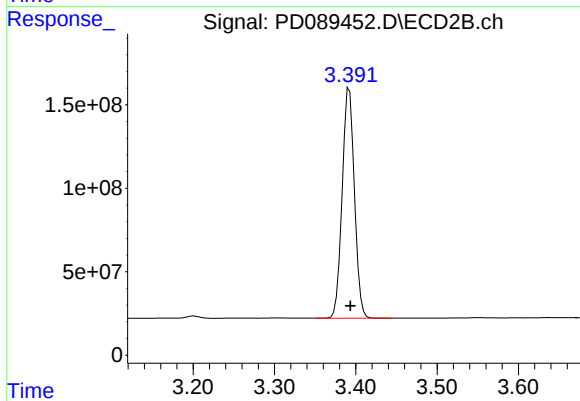
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 899454980
Conc: 53.06 ng/ml



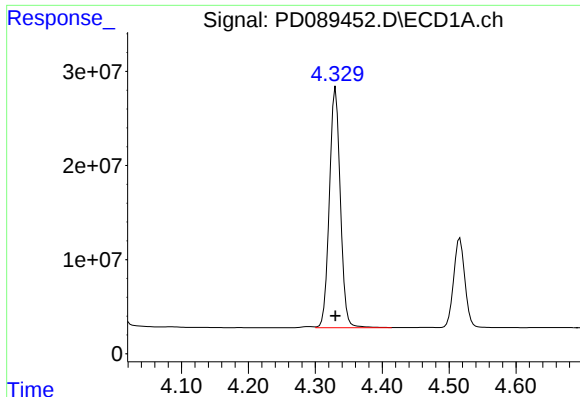
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 304357054
Conc: 52.21 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.001 min
Response: 1441884633
Conc: 53.81 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 289307280
Conc: 51.83 ng/ml

Instrument :

ECD_D

ClientSampleId :

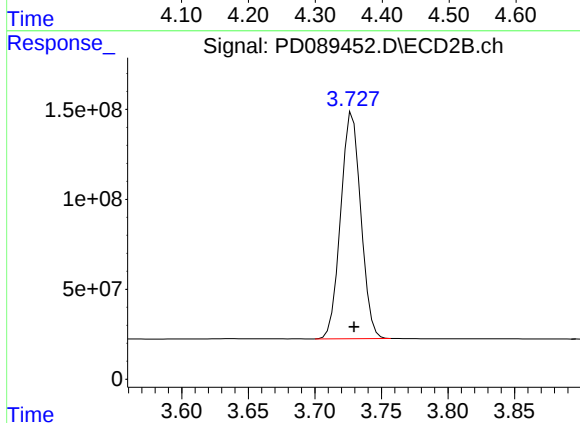
PSTDCCC050

Manual Integrations

APPROVED

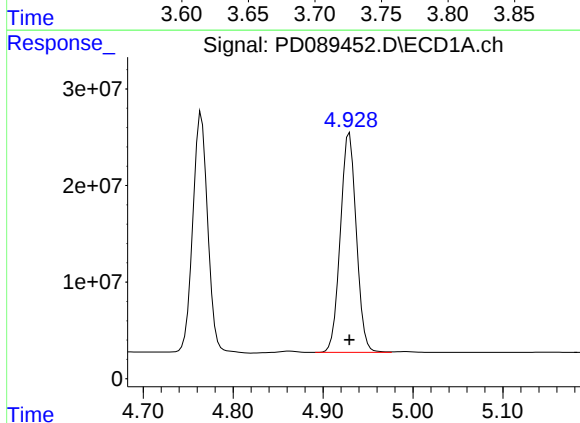
Reviewed By :Abdul Mirza 07/14/2025

Supervised By :mohammad ahmed 07/15/2025



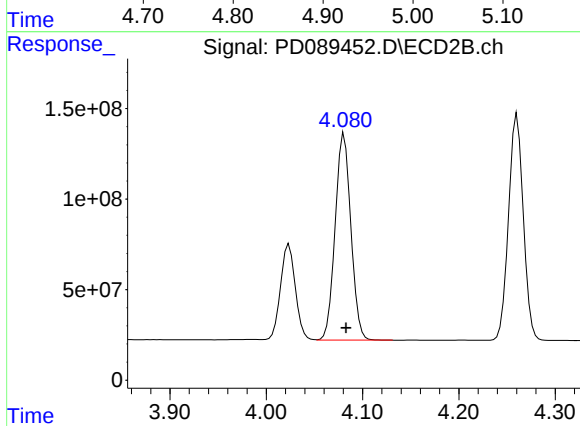
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: -0.003 min
Response: 1327612482
Conc: 53.63 ng/ml m



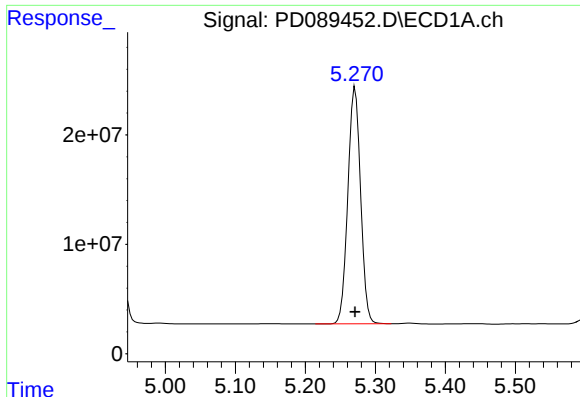
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 280125230
Conc: 51.38 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 1294210012
Conc: 51.69 ng/ml



#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 273934823
Conc: 51.56 ng/ml

Instrument :

ECD_D

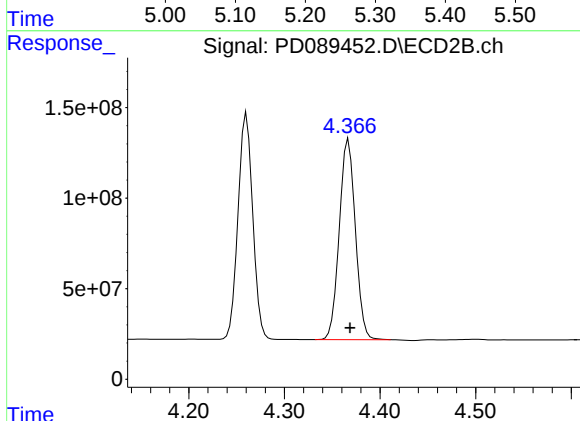
ClientSampleId :

PSTDCCC050

Manual Integrations

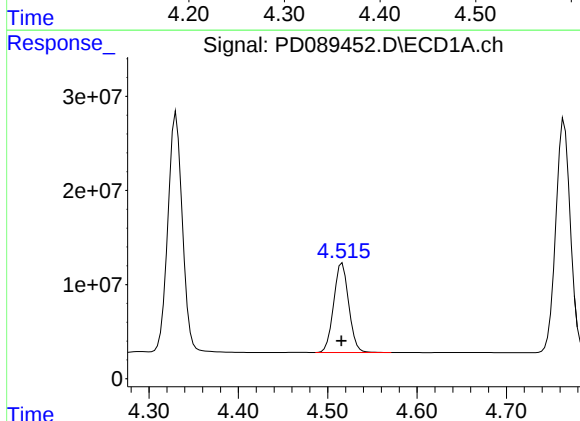
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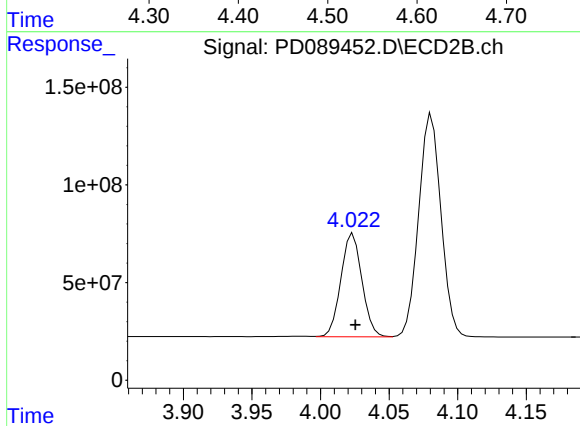
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 1294983324
Conc: 53.47 ng/ml



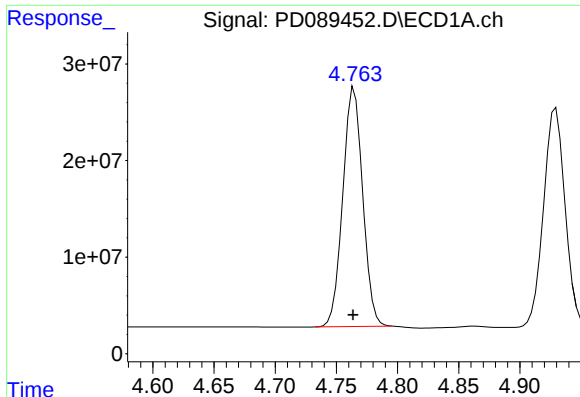
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 111479676
Conc: 50.51 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 566986958
Conc: 52.76 ng/ml



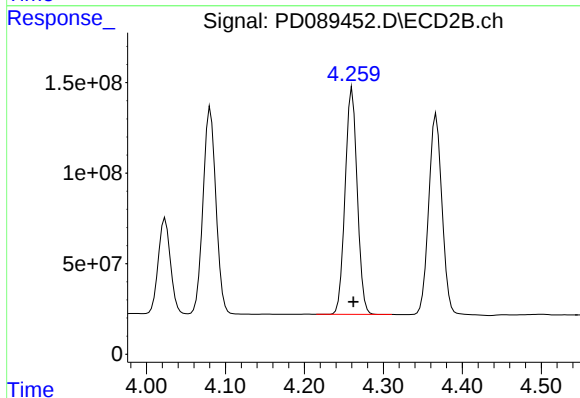
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.001 min
Response: 280466713
Conc: 54.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

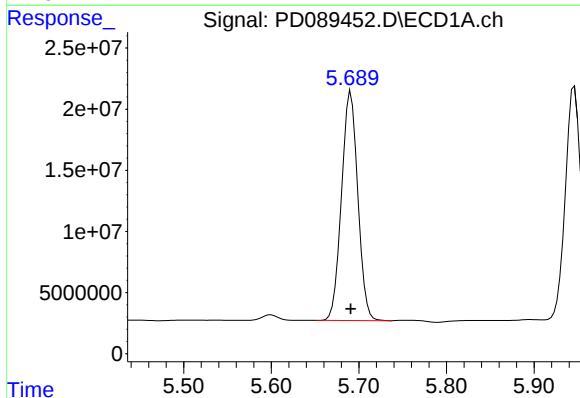
Manual Integrations
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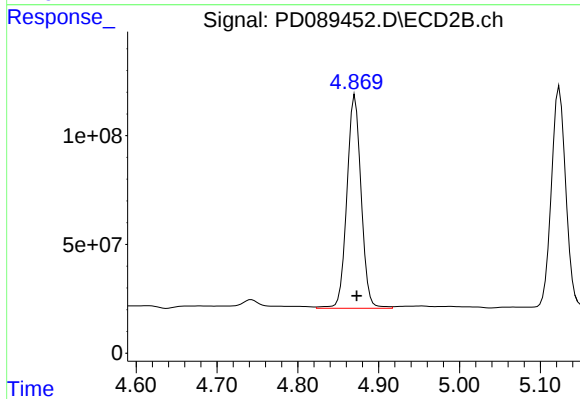
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: -0.001 min
Response: 1331949078
Conc: 53.55 ng/ml



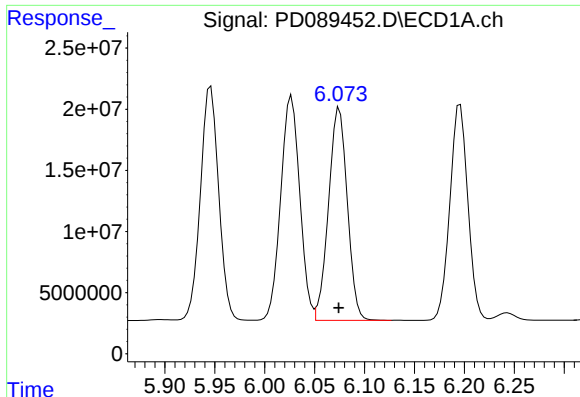
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 242258134
Conc: 50.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.002 min
Response: 1201268138
Conc: 54.86 ng/ml



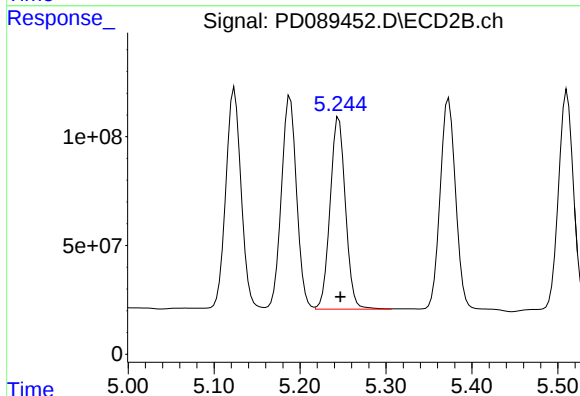
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 227430756
Conc: 50.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

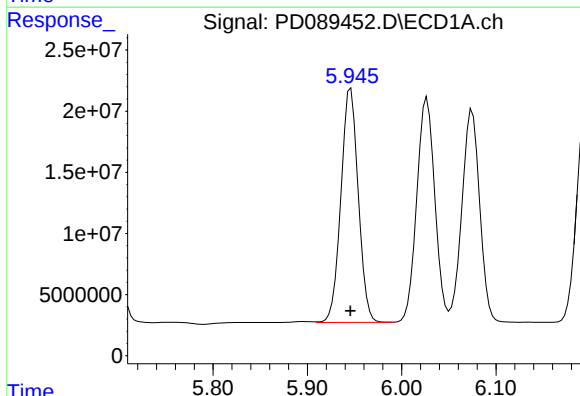
Manual Integrations
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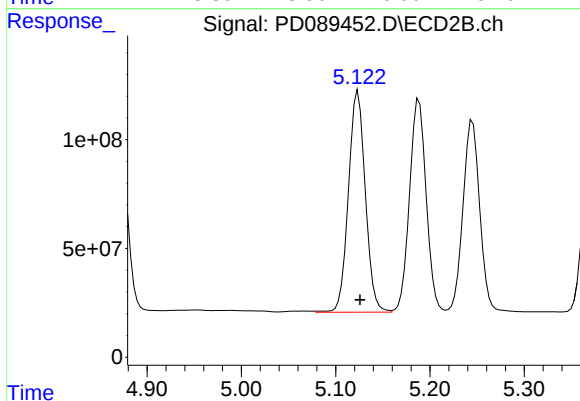
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 1093872357
Conc: 52.48 ng/ml



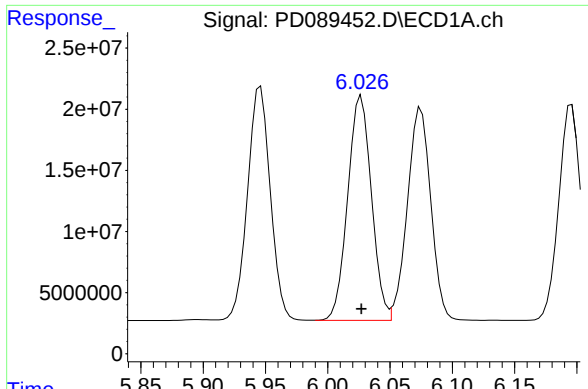
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 244718030
Conc: 51.11 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 1268767205
Conc: 53.04 ng/ml



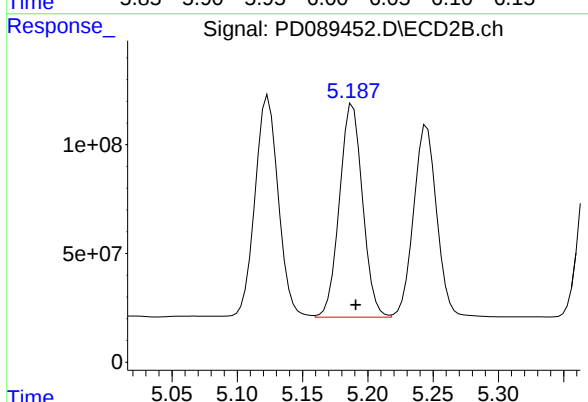
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 244503385
Conc: 50.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

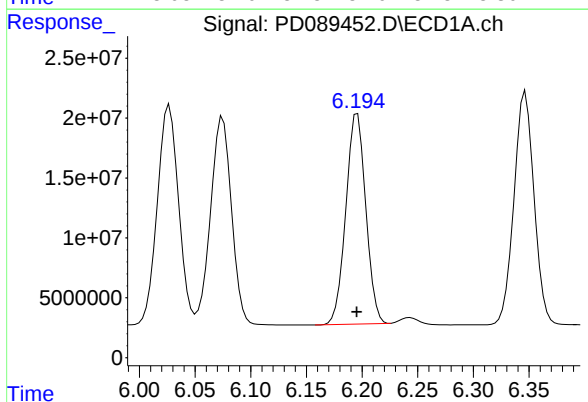
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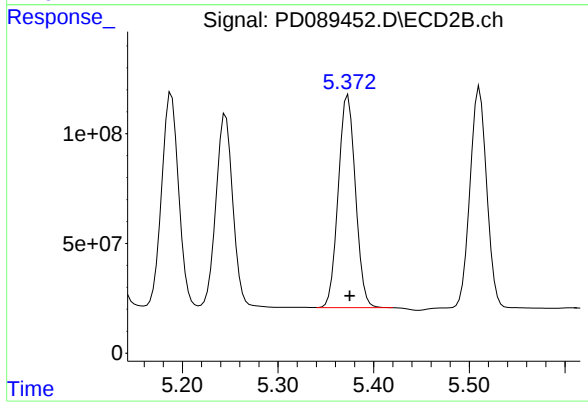
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 1207850221
Conc: 52.75 ng/ml



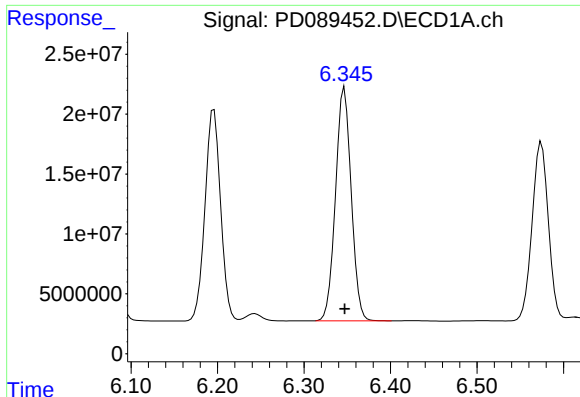
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 218999134
Conc: 50.22 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 1210109711
Conc: 52.81 ng/ml



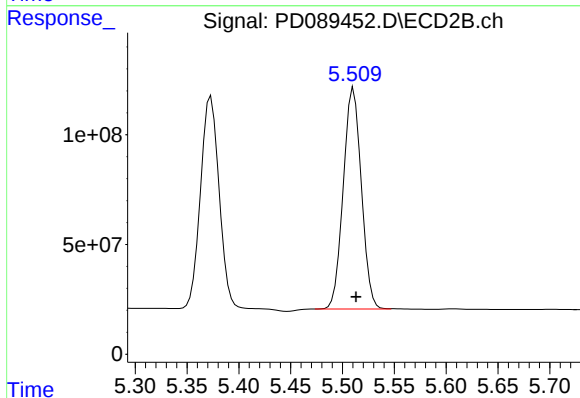
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 244059811
Conc: 50.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

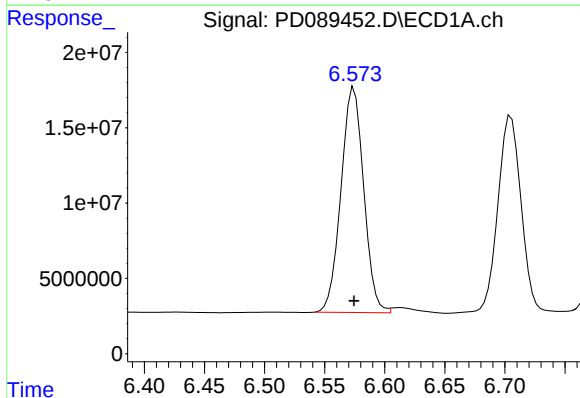
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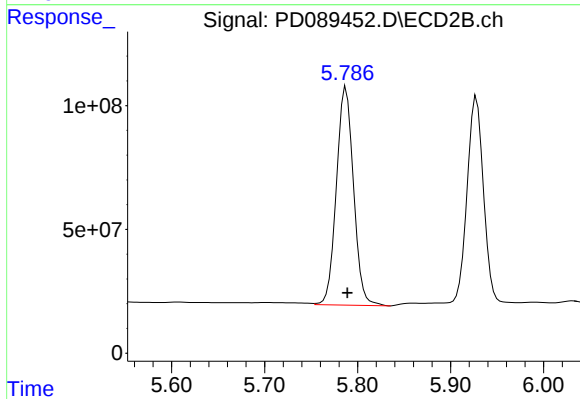
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: -0.004 min
Response: 1224729472
Conc: 52.77 ng/ml m



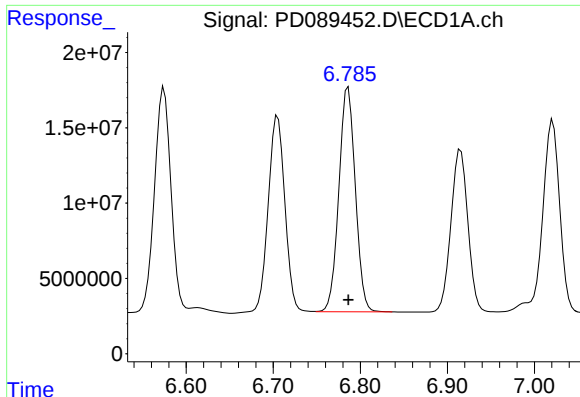
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 196886015
Conc: 47.72 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 1128464290
Conc: 51.97 ng/ml



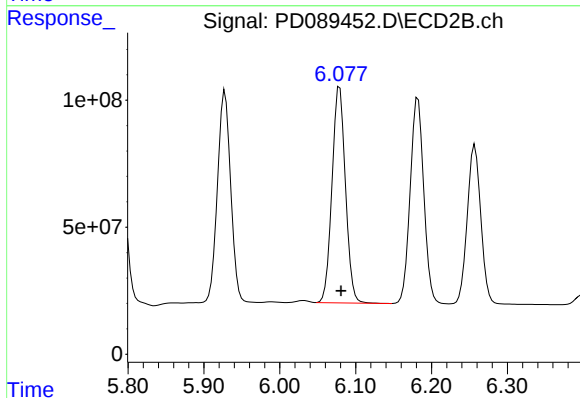
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 196042691
Conc: 48.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

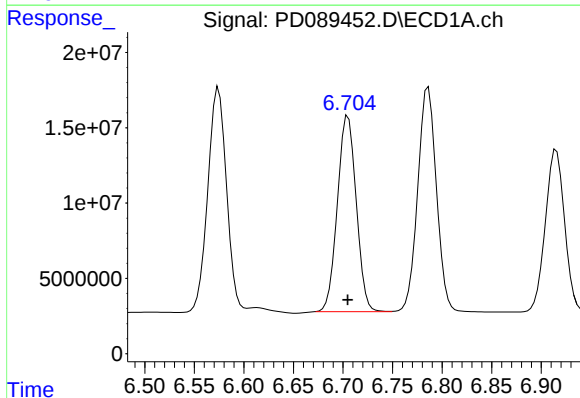
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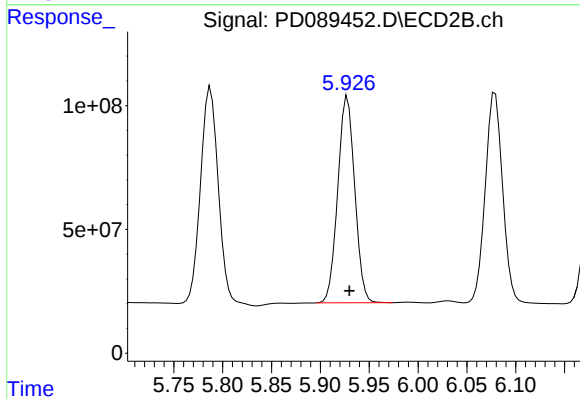
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 1049894168
Conc: 51.98 ng/ml



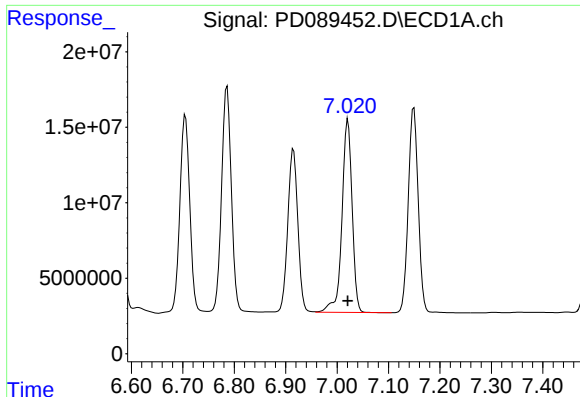
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 172373973
Conc: 50.22 ng/ml



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 1009541401
Conc: 52.77 ng/ml



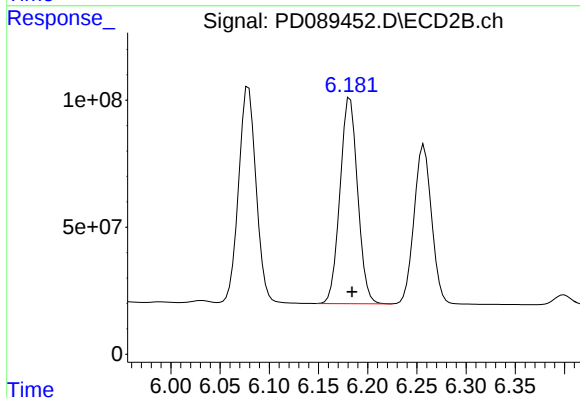
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 175671387
Conc: 46.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

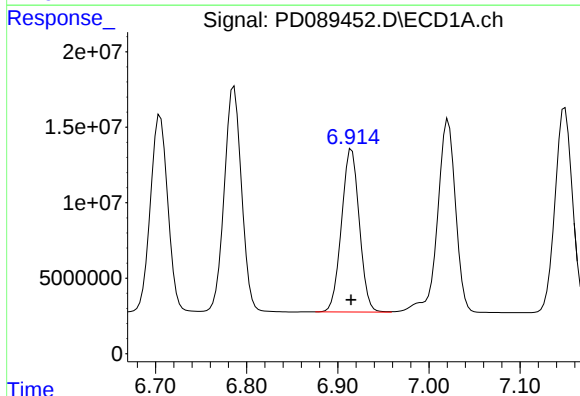
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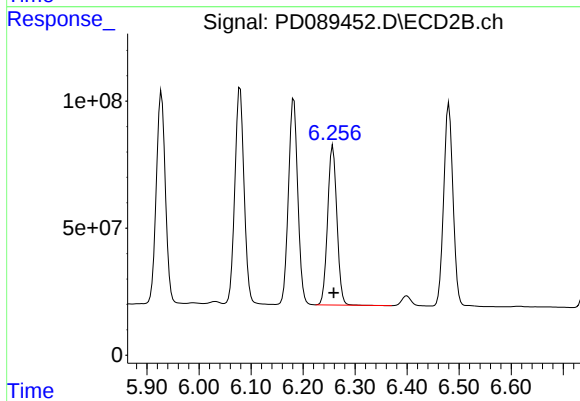
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1012263450
Conc: 49.92 ng/ml



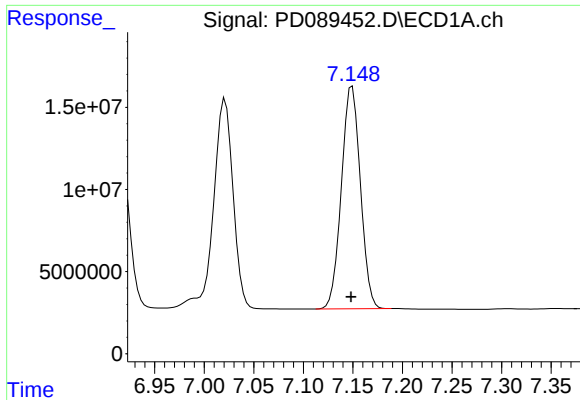
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 146389765
Conc: 47.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 780182106
Conc: 50.95 ng/ml



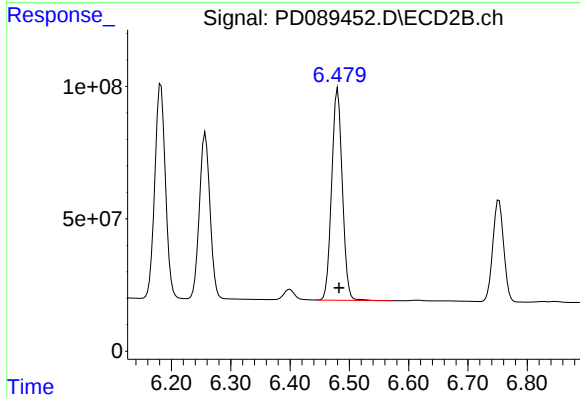
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.001 min
Response: 180713080
Conc: 47.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

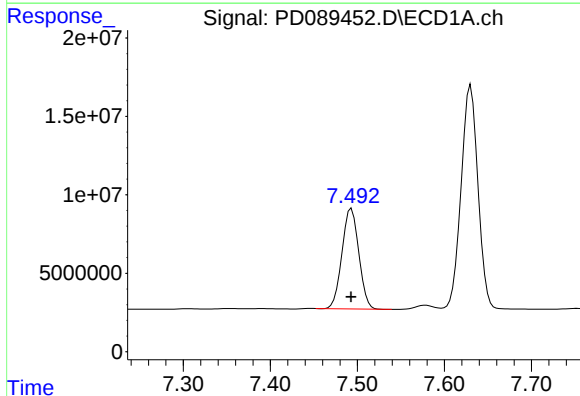
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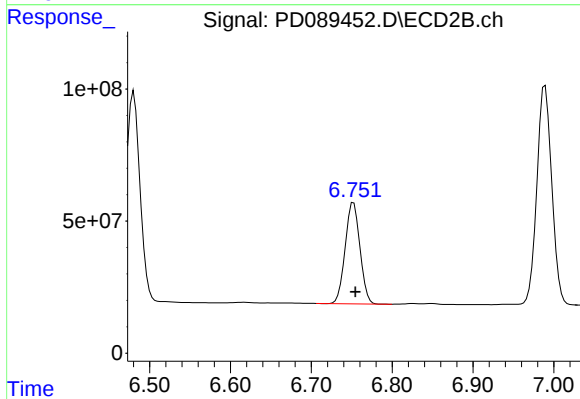
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 993939511
Conc: 50.66 ng/ml



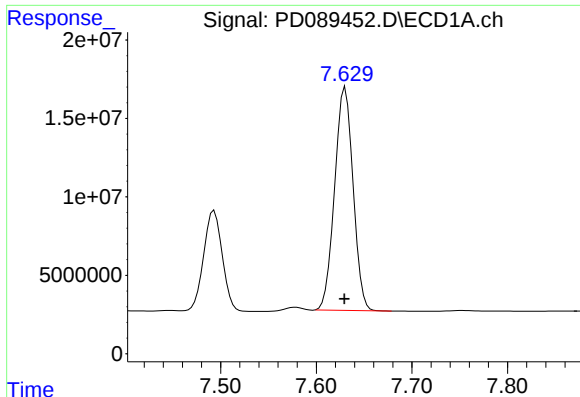
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 85801063
Conc: 42.46 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 486882409
Conc: 45.22 ng/ml



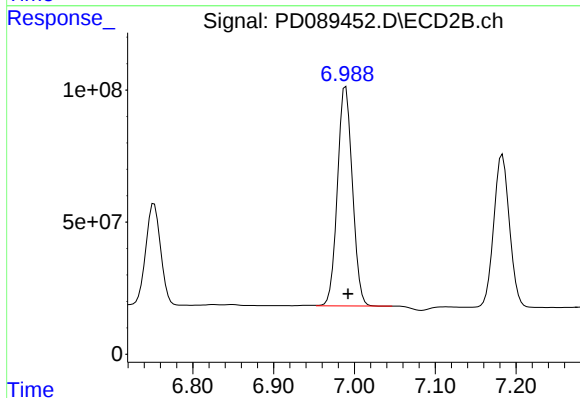
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 190474871
Conc: 46.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

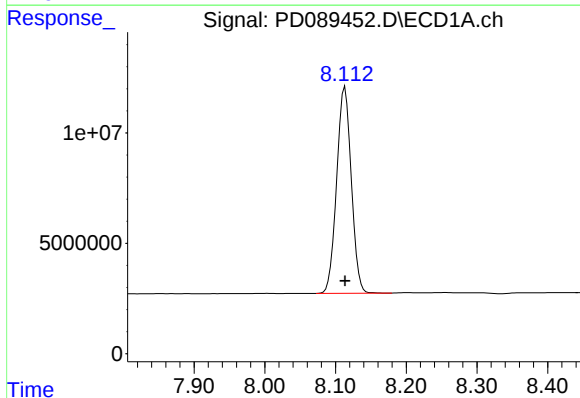
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



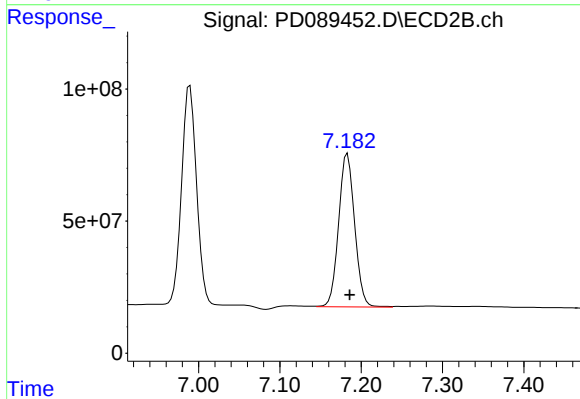
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 1065636576
Conc: 49.33 ng/ml



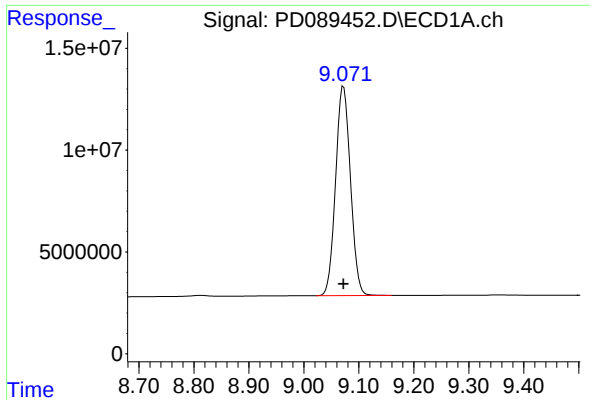
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 134190214
Conc: 44.14 ng/ml



#22 Mirex

R.T.: 7.183 min
Delta R.T.: -0.003 min
Response: 791983684
Conc: 47.49 ng/ml



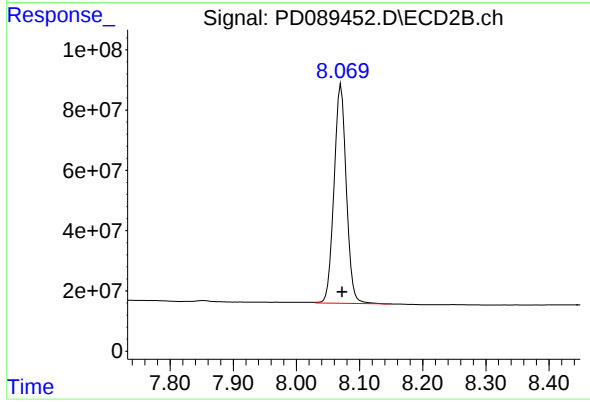
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 193083667
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.002 min
Response: 982520438
Conc: 49.70 ng/ml