

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051320\
 Data File : PD057926.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2020 10:41
 Operator : AJ\MA
 Sample : L2502-01MSD 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-01-050820MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 16:01:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051220.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 12:00:03 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.228	3.895	2148072	2399298	2.479	2.040
28) SA Decachlor...	7.870	8.896	2319938	11518198	2.575	10.108 #
Target Compounds						
2) A alpha-BHC	3.650	4.279	5372471	7592055	3.968	4.239
3) MA gamma-BHC...	3.925	4.559	15264507	8861844	11.048	5.173 #
4) MA Heptachlor	4.202	5.060	5524840	7614970	4.902	4.560
5) MB Aldrin	4.429	5.361	5241690	6659447	4.491	4.203
6) B beta-BHC	4.172	4.732	3051598	5210092	5.865	7.102
7) B delta-BHC	4.362	4.942	7875435	3498610	6.195	2.251 #
8) B Heptachlo...	4.871	5.745	4438120	7644763	4.059	4.978
9) A Endosulfan I	5.201	6.098	2518463	9342228	2.457	6.663 #
10) B gamma-Chl...	5.092	5.972	7158803	15791636	6.397	10.292 #
11) B alpha-Chl...	5.149	6.049	6084359	13053809	5.456	8.494 #
12) B 4,4'-DDE	5.317	6.205	8276913	5090417	7.871	3.659 #
13) MA Dieldrin	5.442	6.354	16691255	4327344	15.162	2.955 #
14) MA Endrin	5.689	6.569	5958264	5608747	6.127	4.432 #
15) B Endosulfa...	5.963	6.779	5956817	9904137	6.075	7.638 #
16) A 4,4'-DDD	5.827	6.693	4215630	9163148	4.952	7.746 #
17) MA 4,4'-DDT	6.059	6.993	2264920	5987123	2.773	5.092 #
18) B Endrin al...	6.130	6.902	2969611	6835235	3.600	6.100 #
19) B Endosulfa...	6.342	7.124	4547301	9993203	4.922	8.075 #
20) A Methoxychlor	6.612	7.455	1213460	4005173	2.944m	5.818m#
21) B Endrin ke...	6.821	7.590	5966202	8149293	5.244	5.810
22) Mirex	6.993	8.042	5554182	4561944	6.265	4.278 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051320\
Data File : PD057926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2020 10:41
Operator : AJ\MA
Sample : L2502-01MSD 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

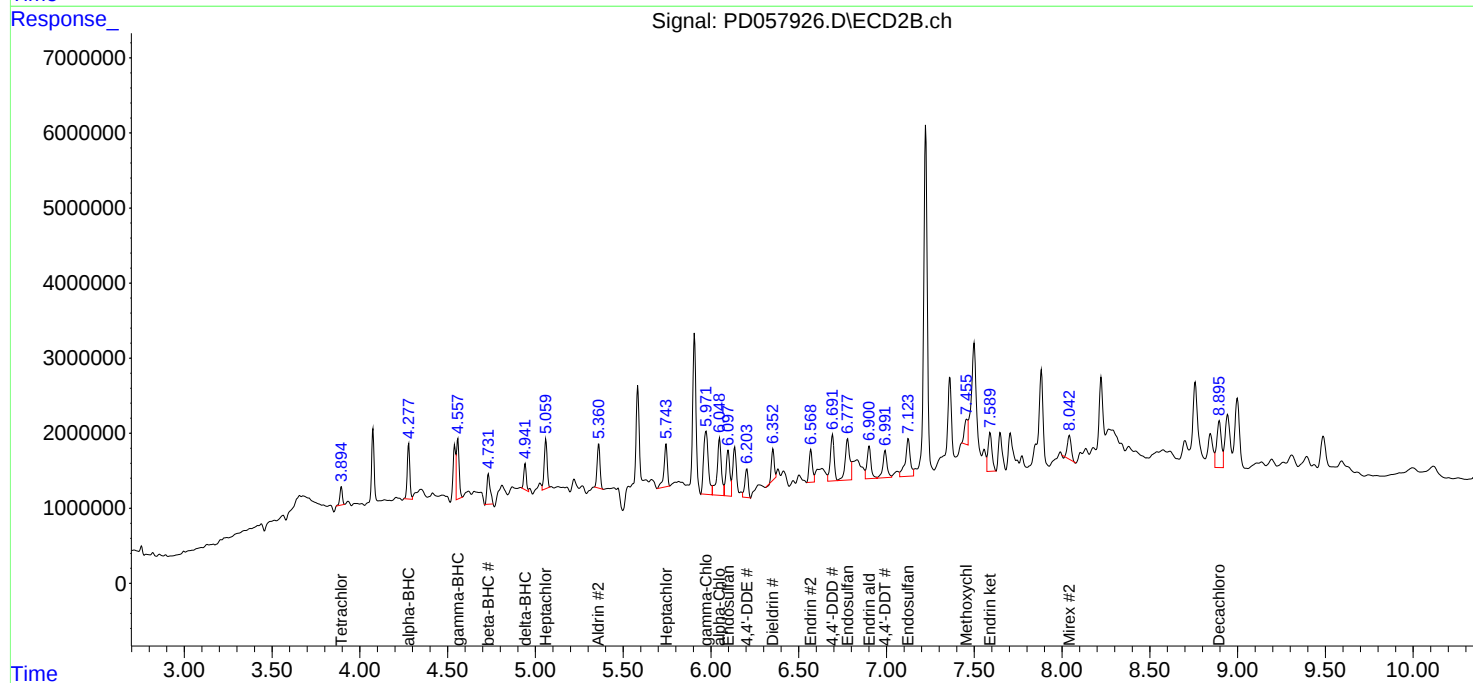
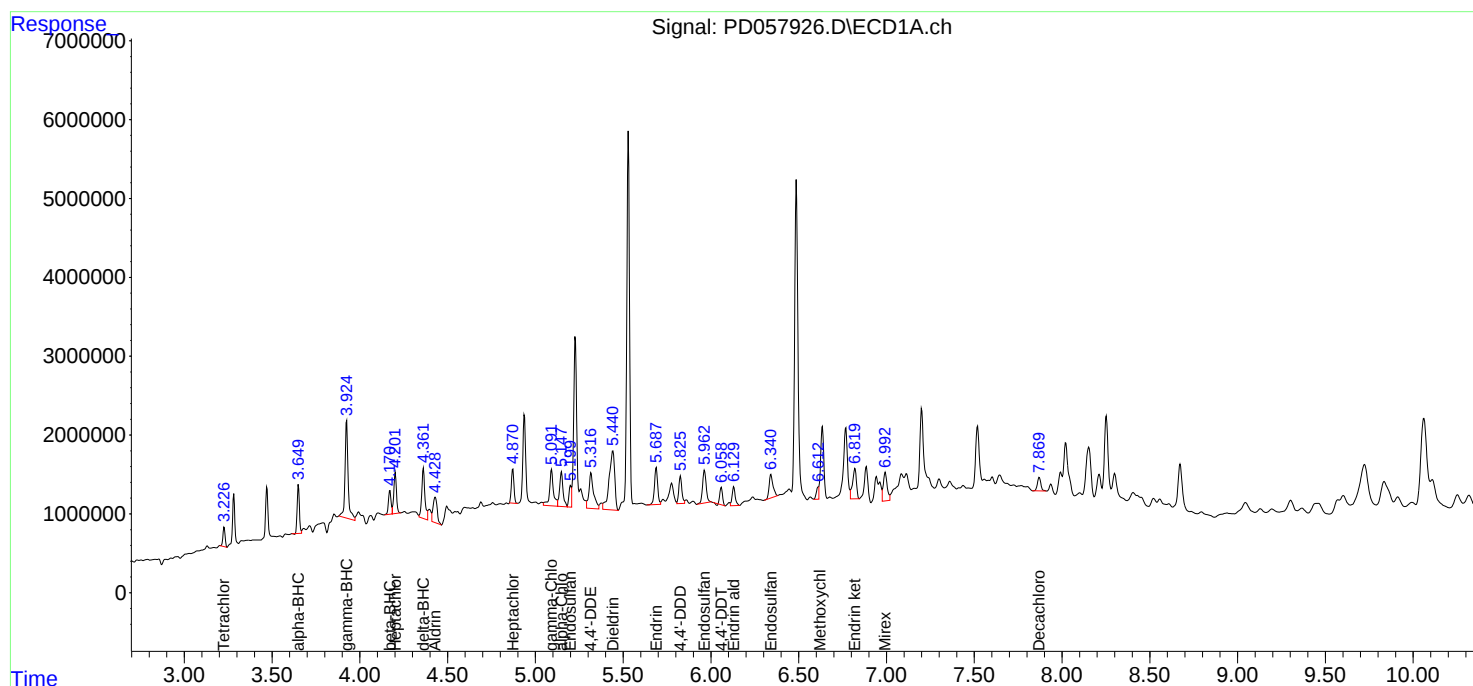
Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

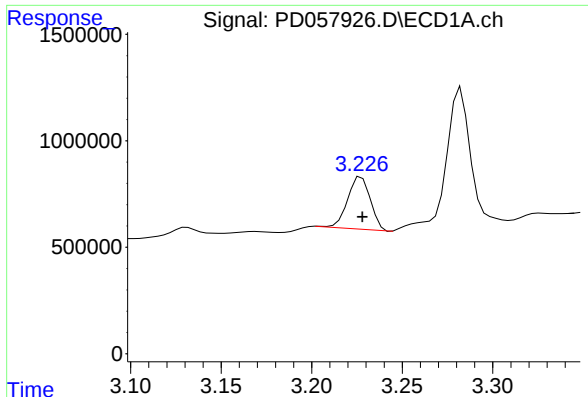
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 16:01:14 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051220.M
Quant Title : GC Extractables
QLast Update : Tue May 12 12:00:03 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





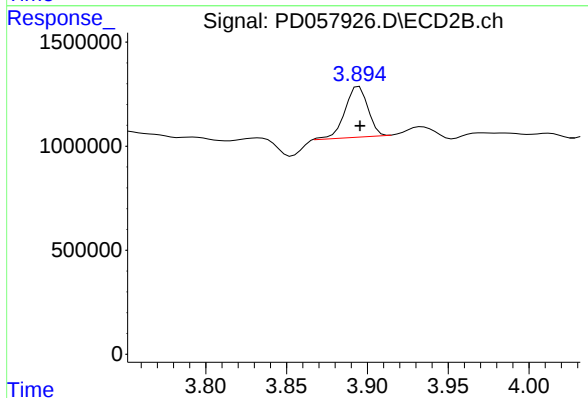
#1 Tetrachloro-m-xylene

R.T.: 3.228 min
Delta R.T.: 0.000 min
Response: 2148072
Conc: 2.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

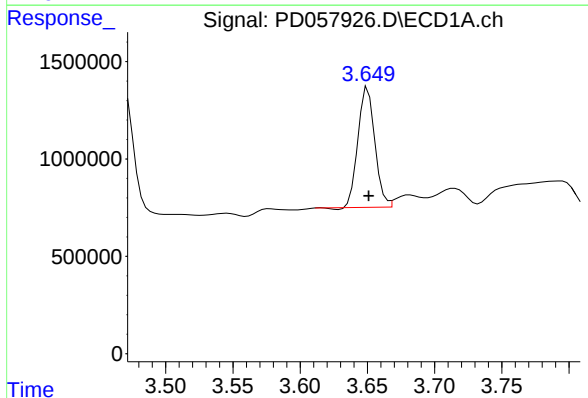
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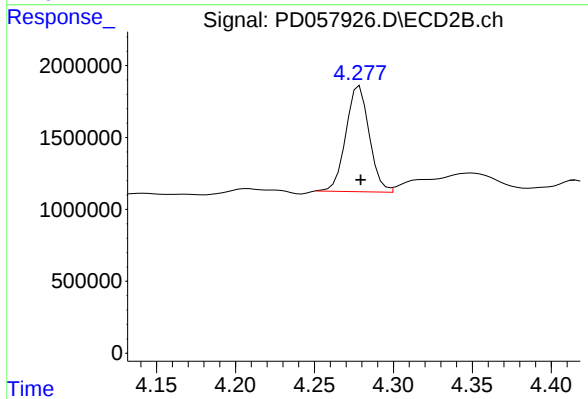
#1 Tetrachloro-m-xylene

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 2399298
Conc: 2.04 ng/ml



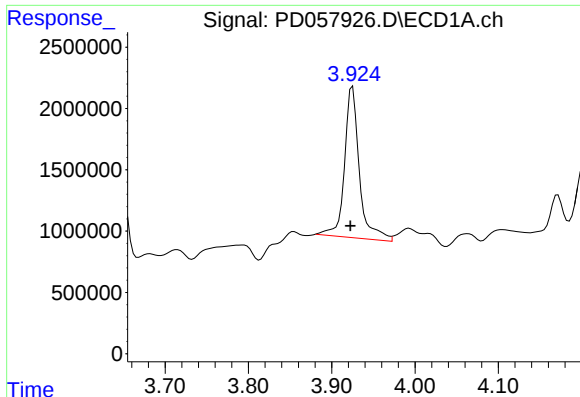
#2 alpha-BHC

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 5372471
Conc: 3.97 ng/ml



#2 alpha-BHC

R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 7592055
Conc: 4.24 ng/ml



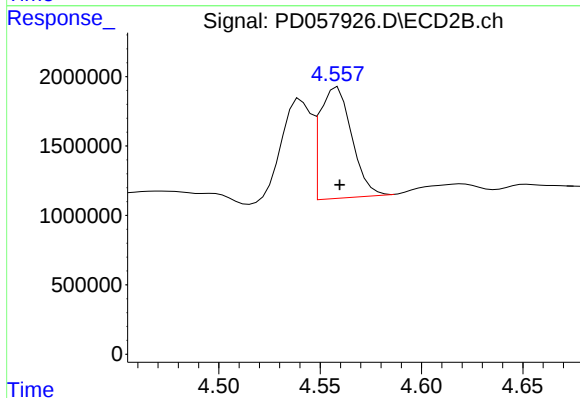
#3 gamma-BHC (Lindane)

R.T.: 3.925 min
Delta R.T.: 0.002 min
Response: 15264507
Conc: 11.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
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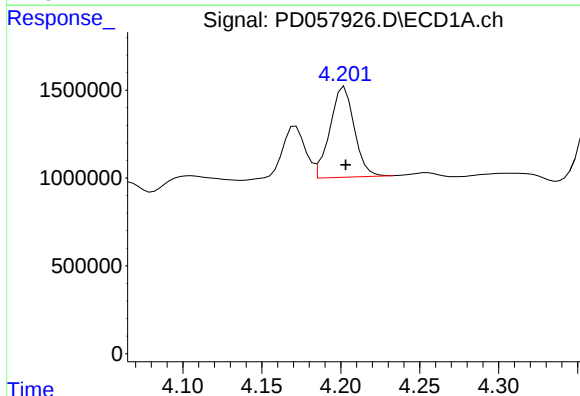
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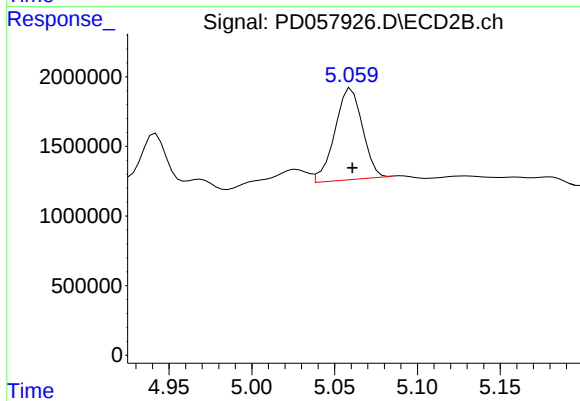
#3 gamma-BHC (Lindane)

R.T.: 4.559 min
Delta R.T.: -0.001 min
Response: 8861844
Conc: 5.17 ng/ml



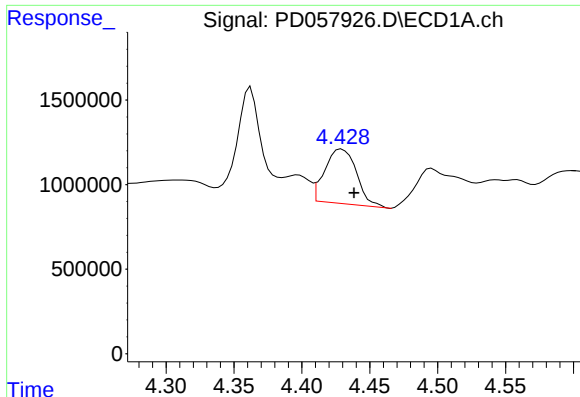
#4 Heptachlor

R.T.: 4.202 min
Delta R.T.: 0.000 min
Response: 5524840
Conc: 4.90 ng/ml



#4 Heptachlor

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 7614970
Conc: 4.56 ng/ml



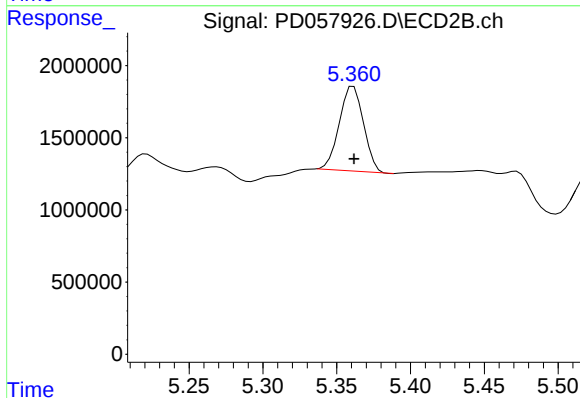
#5 Aldrin

R.T.: 4.429 min
Delta R.T.: -0.009 min
Response: 5241690
Conc: 4.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

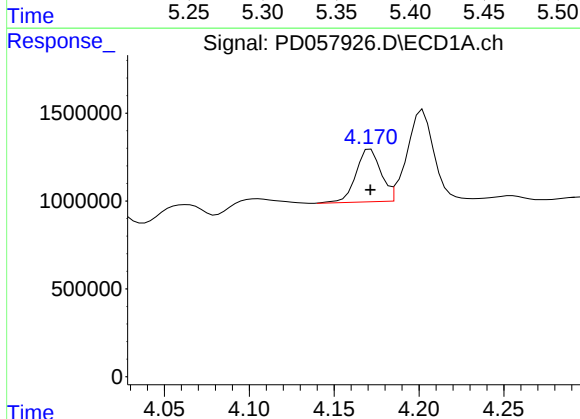
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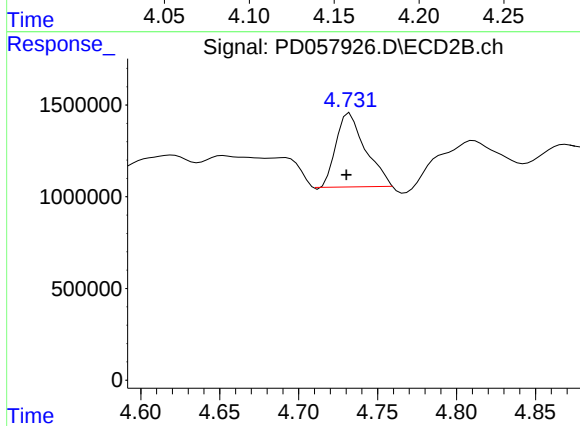
#5 Aldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 6659447
Conc: 4.20 ng/ml



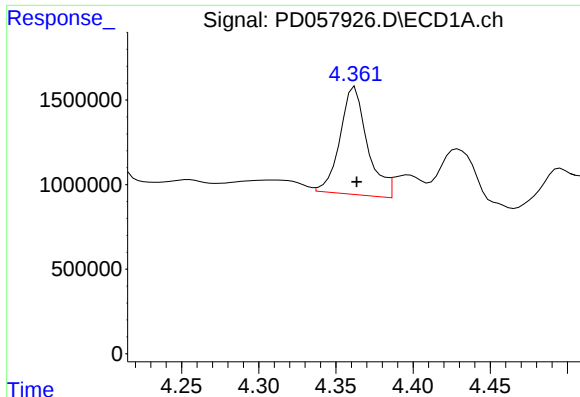
#6 beta-BHC

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 3051598
Conc: 5.87 ng/ml



#6 beta-BHC

R.T.: 4.732 min
Delta R.T.: 0.002 min
Response: 5210092
Conc: 7.10 ng/ml



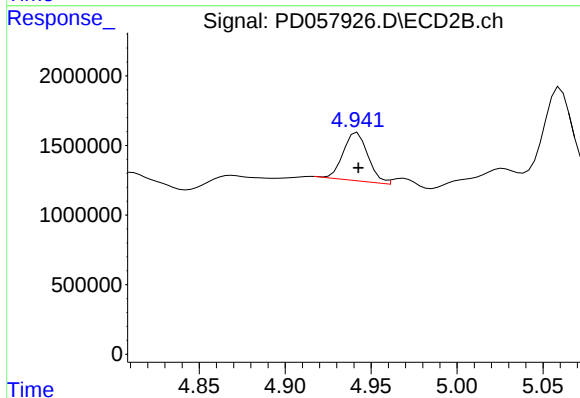
#7 delta-BHC

R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 7875435
Conc: 6.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

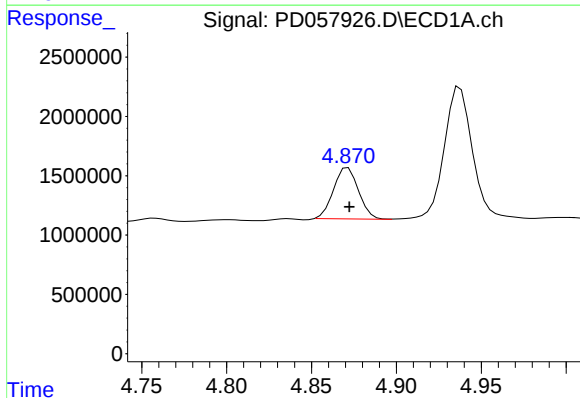
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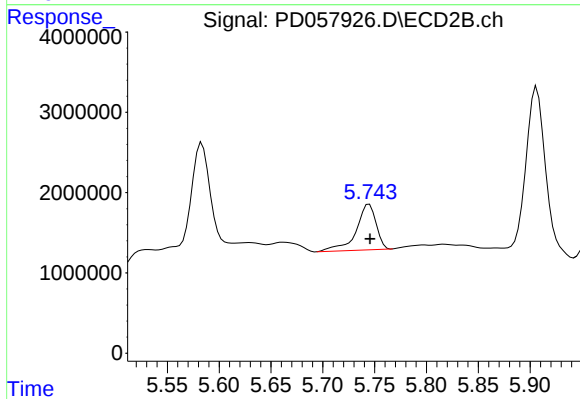
#7 delta-BHC

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 3498610
Conc: 2.25 ng/ml



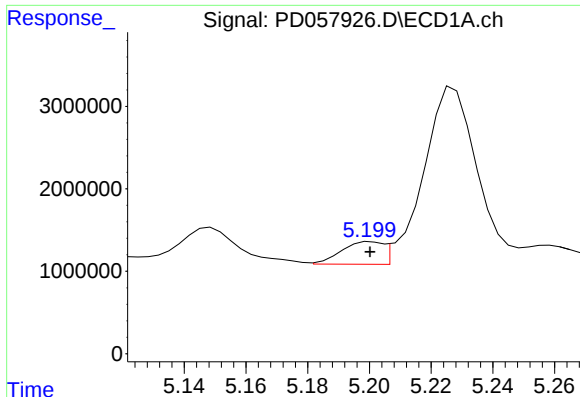
#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 4438120
Conc: 4.06 ng/ml



#8 Heptachlor epoxide

R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 7644763
Conc: 4.98 ng/ml



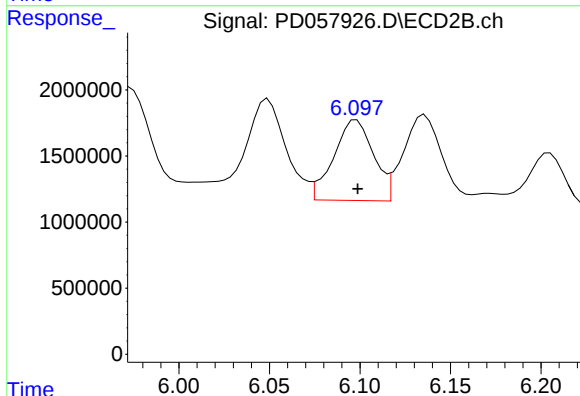
#9 Endosulfan I

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 2518463
Conc: 2.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

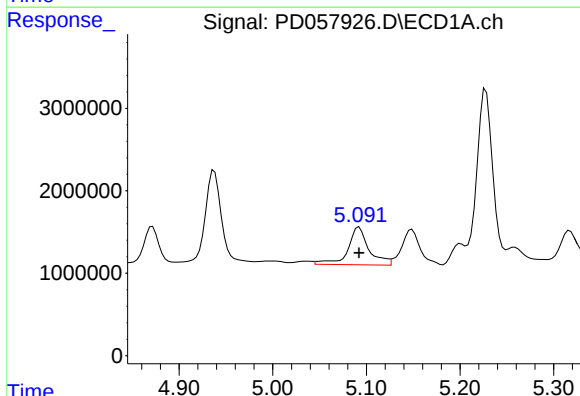
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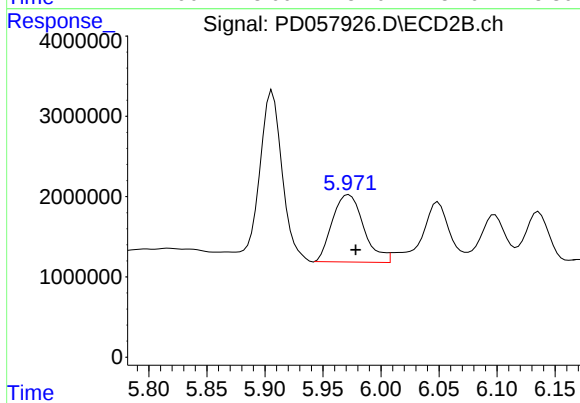
#9 Endosulfan I

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 9342228
Conc: 6.66 ng/ml



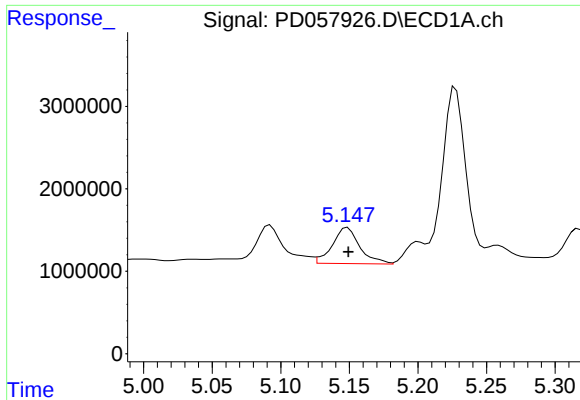
#10 gamma-Chlordane

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 7158803
Conc: 6.40 ng/ml



#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.006 min
Response: 15791636
Conc: 10.29 ng/ml



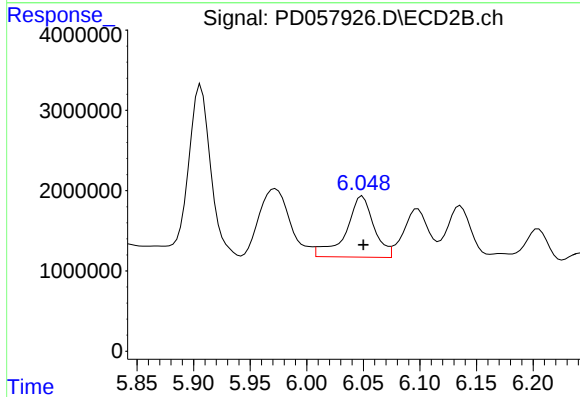
#11 alpha-Chlordane

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 6084359
Conc: 5.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

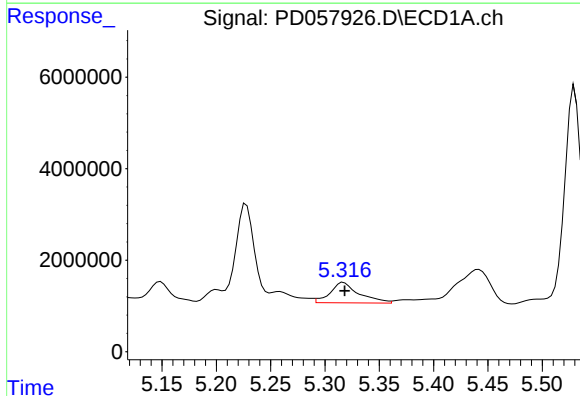
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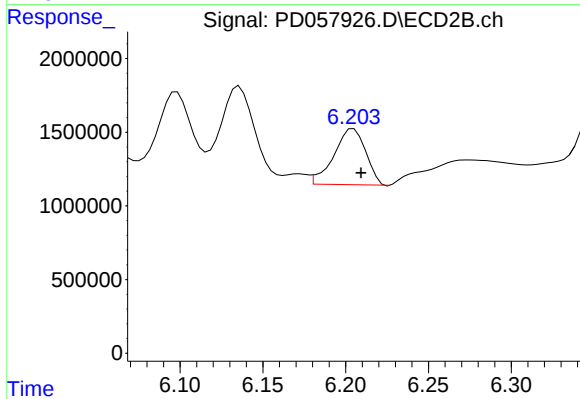
#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 13053809
Conc: 8.49 ng/ml



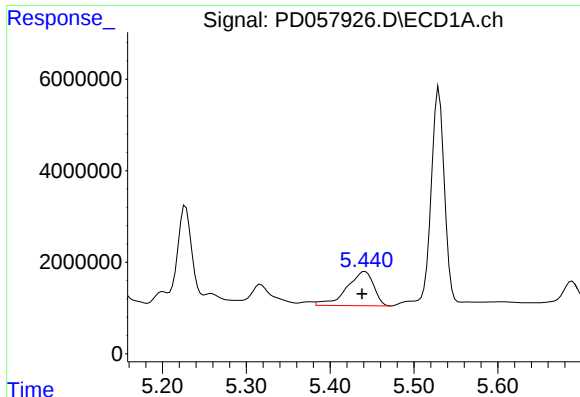
#12 4,4'-DDE

R.T.: 5.317 min
Delta R.T.: -0.001 min
Response: 8276913
Conc: 7.87 ng/ml



#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: -0.005 min
Response: 5090417
Conc: 3.66 ng/ml



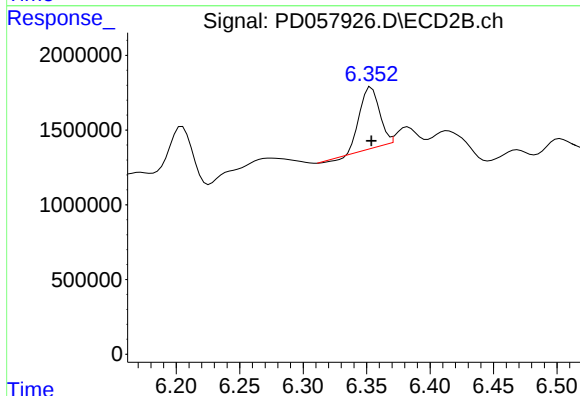
#13 Dieldrin

R.T.: 5.442 min
Delta R.T.: 0.003 min
Response: 16691255
Conc: 15.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

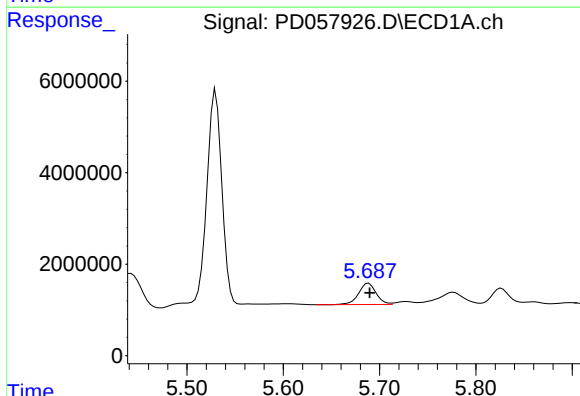
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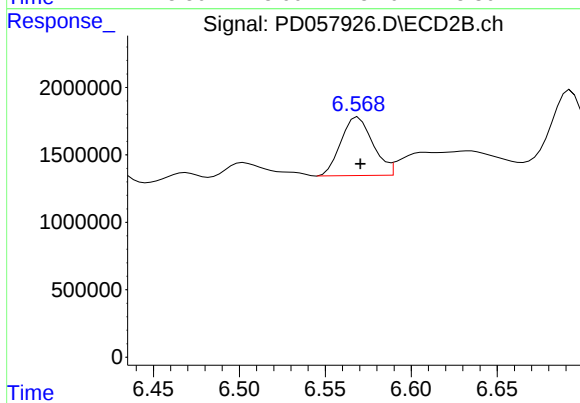
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 4327344
Conc: 2.95 ng/ml



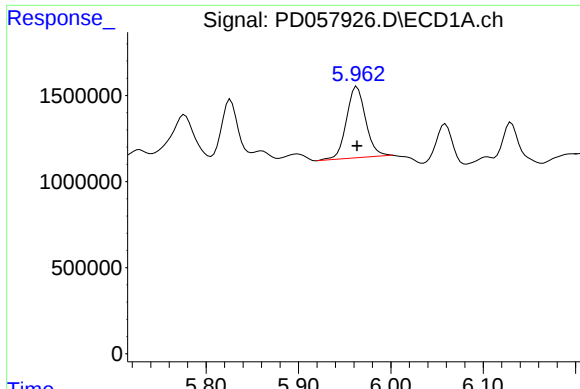
#14 Endrin

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 5958264
Conc: 6.13 ng/ml



#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.001 min
Response: 5608747
Conc: 4.43 ng/ml



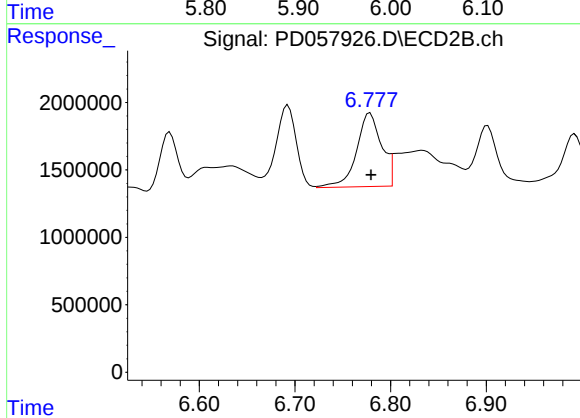
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 5956817
Conc: 6.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

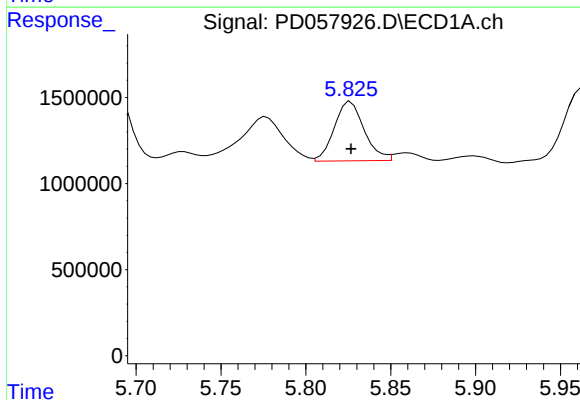
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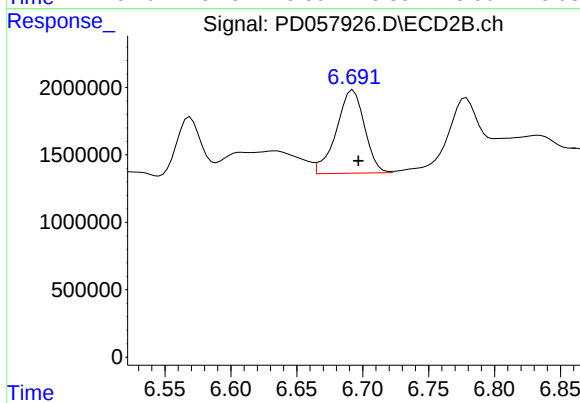
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.001 min
Response: 9904137
Conc: 7.64 ng/ml



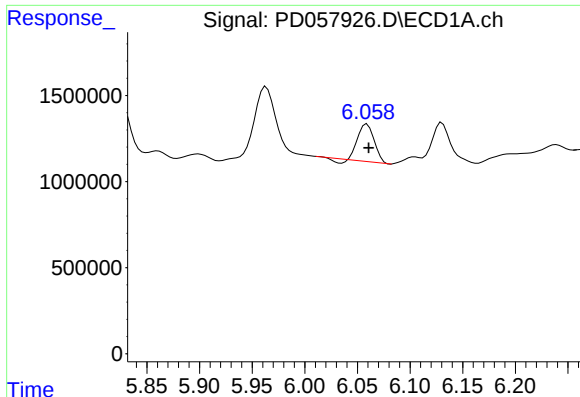
#16 4,4'-DDD

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 4215630
Conc: 4.95 ng/ml



#16 4,4'-DDD

R.T.: 6.693 min
Delta R.T.: -0.004 min
Response: 9163148
Conc: 7.75 ng/ml



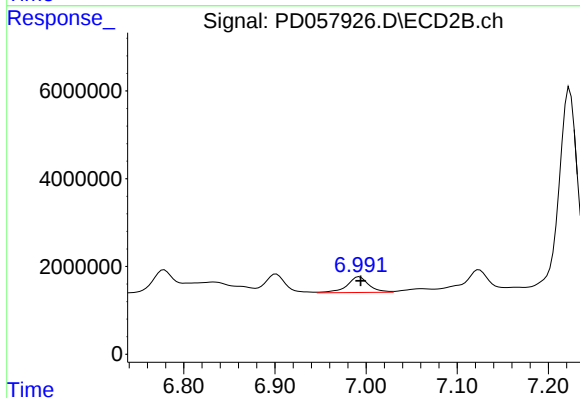
#17 4,4'-DDT

R.T.: 6.059 min
Delta R.T.: -0.001 min
Response: 2264920
Conc: 2.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

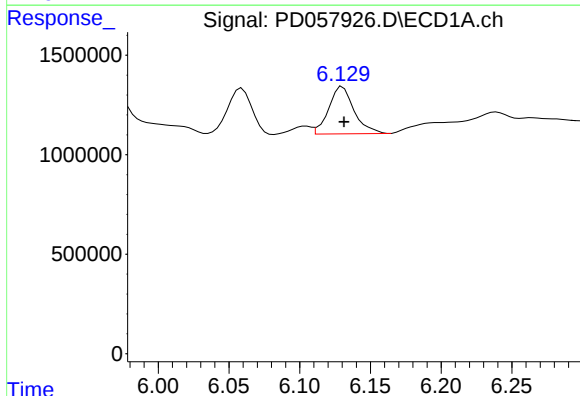
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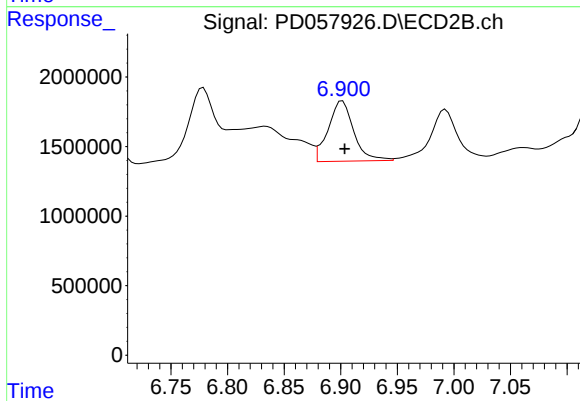
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 5987123
Conc: 5.09 ng/ml



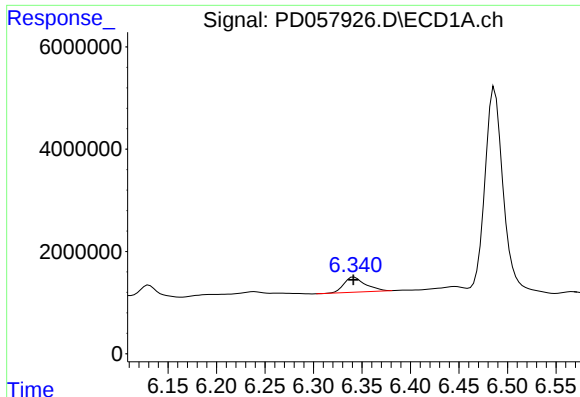
#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 2969611
Conc: 3.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.902 min
Delta R.T.: -0.002 min
Response: 6835235
Conc: 6.10 ng/ml



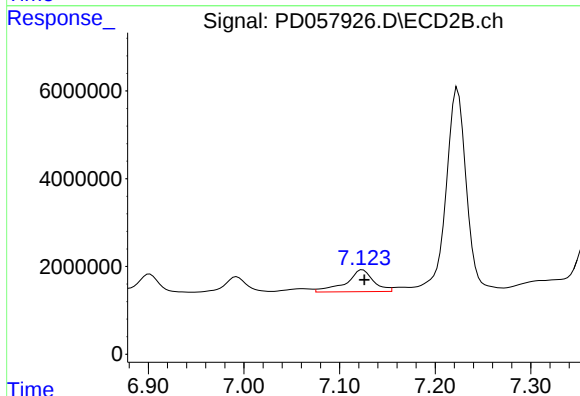
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 4547301
Conc: 4.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

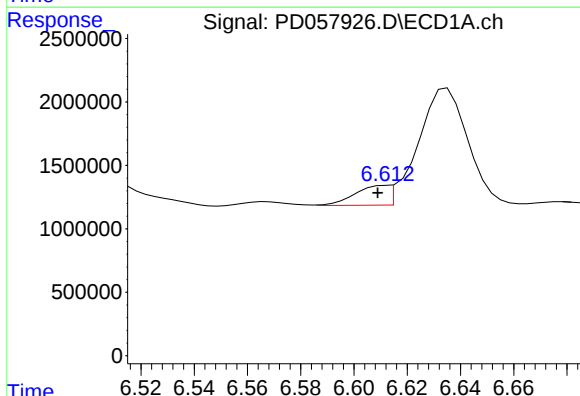
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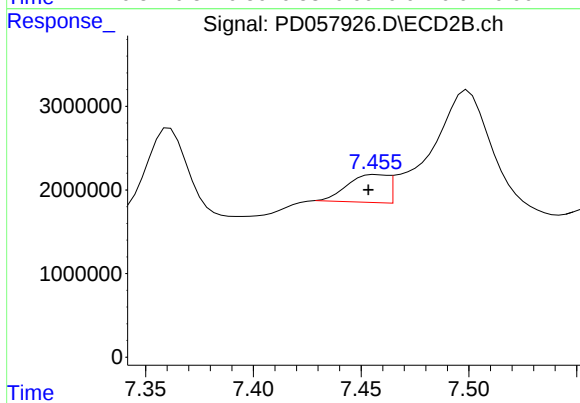
#19 Endosulfan Sulfate

R.T.: 7.124 min
Delta R.T.: -0.002 min
Response: 9993203
Conc: 8.07 ng/ml



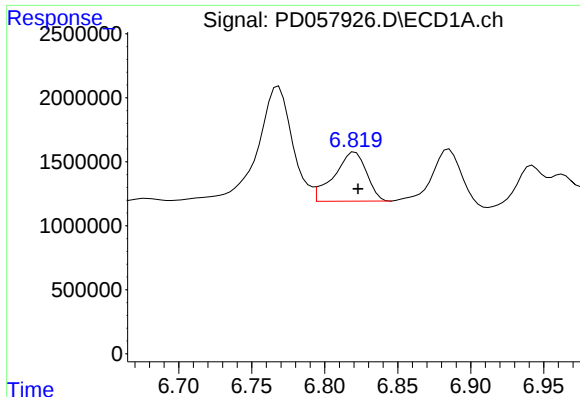
#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 1213460
Conc: 2.94 ng/ml m



#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: 0.002 min
Response: 4005173
Conc: 5.82 ng/ml m



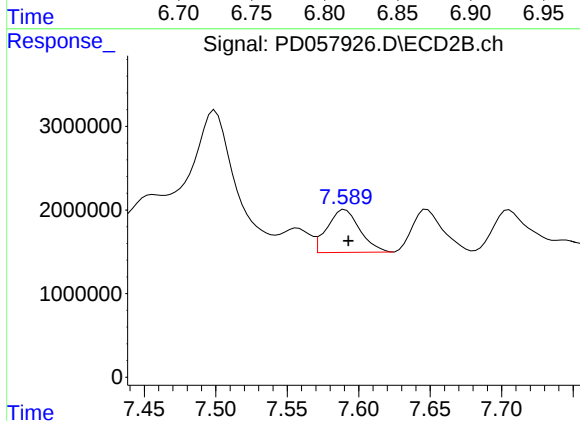
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: -0.002 min
Response: 5966202
Conc: 5.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

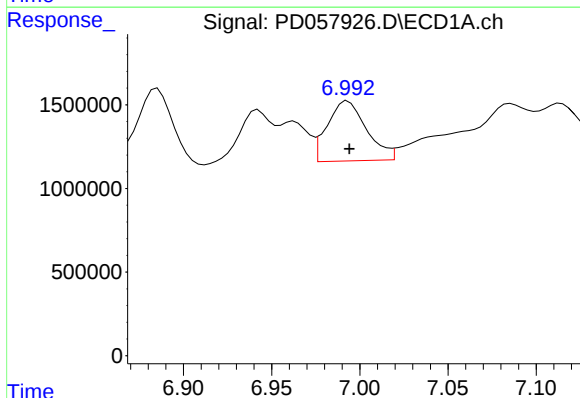
Manual Integrations
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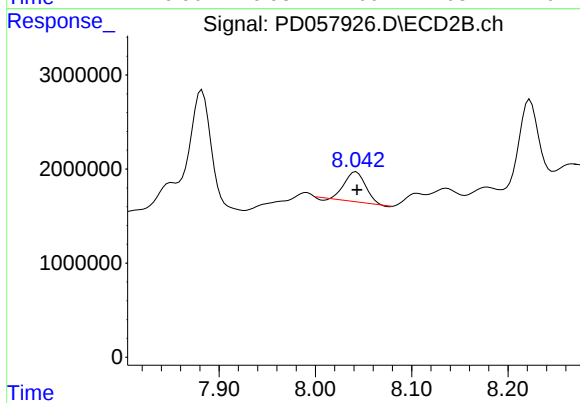
#21 Endrin ketone

R.T.: 7.590 min
Delta R.T.: -0.002 min
Response: 8149293
Conc: 5.81 ng/ml



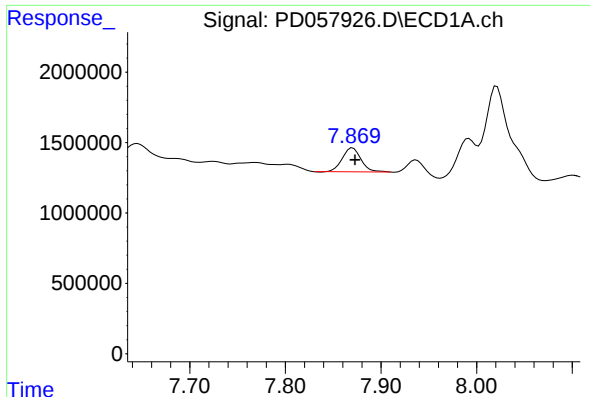
#22 Mirex

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 5554182
Conc: 6.27 ng/ml



#22 Mirex

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 4561944
Conc: 4.28 ng/ml



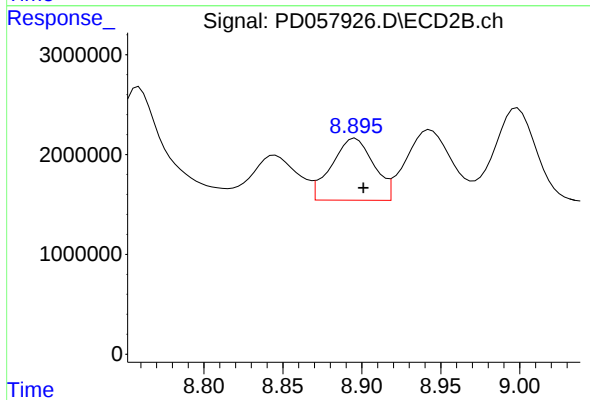
#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.002 min
Response: 2319938
Conc: 2.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-050820MSD

Manual Integrations
APPROVED

mohammad
5/15/2020 8:42:33 AM



#28 Decachlorobiphenyl

R.T.: 8.896 min
Delta R.T.: -0.005 min
Response: 11518198
Conc: 10.11 ng/ml