

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021020\
 Data File : PL056435.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2020 14:14
 Operator : AJ\MA
 Sample : L1446-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HP-640MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 15:31:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 28 13:10:37 2020
 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...	3.496	4.014	435.1E6	46036280	41.548m	15.744m#
28)	SA Decachlor...	8.250	9.091	174.2E6	33728868	16.546	14.911
Target Compounds							
2)	A alpha-BHC	3.935	4.405	135.5E6	131.4E6	7.602	30.015 #
3)	MA gamma-BHC...	4.221	4.691	482.4E6	19963990	29.462	4.868 #
4)	MA Heptachlor	4.521	5.199	134.5E6	130.6E6	8.380	36.497 #
5)	MB Aldrin	4.769	5.506	212.1E6	12951242	13.036	3.685 #
6)	B beta-BHC	4.477	4.860	389.2E6	23627069	59.088m	14.412m#
7)	B delta-BHC	4.674	5.079	54597175	15192661	3.405m	4.737 #
8)	B Heptachlor...	5.212	5.887	129.9E6	55453407	8.443m	17.816m#
9)	A Endosulfan I	5.548	6.249	128.7E6	29900950	8.872	9.991
10)	B gamma-Chl...	5.441	6.126	199.7E6	79922567	12.735	25.132 #
11)	B alpha-Chl...	5.487	6.197	571.8E6	47033982	37.173	14.839 #
12)	B 4,4'-DDE	5.659	6.347	77316128	27427862	5.335m	9.157m#
13)	MA Dieldrin	5.794	6.504	125.9E6	40324563	8.186	12.991 #
14)	MA Endrin	6.052	6.725	222.2E6	45705559	15.810	17.440
15)	B Endosulfa...	6.333	6.948	13148.1E6	2007.2E6	1005.326	745.603m#
16)	A 4,4'-DDD	6.183	6.846	110.8E6	16506596	10.311m	6.996m#
17)	MA 4,4'-DDT	6.418	7.145	211.6E6	26996809	19.358	11.759 #
18)	B Endrin al...	6.495	7.059	185.6E6	27110029	16.967	11.942 #
19)	B Endosulfa...	6.714	7.278	309.5E6	100.0E6	25.458	39.532 #
20)	A Methoxychlor	6.964	7.602	457.1E6	18248494	86.049	14.883m#
21)	B Endrin ke...	7.197	7.755	97614816	38671240	7.460	14.501 #
22)	Mirex	7.394	8.206	77811567	35897139	8.422m	19.747 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021020\
Data File : PL056435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2020 14:14
Operator : AJ\MA
Sample : L1446-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

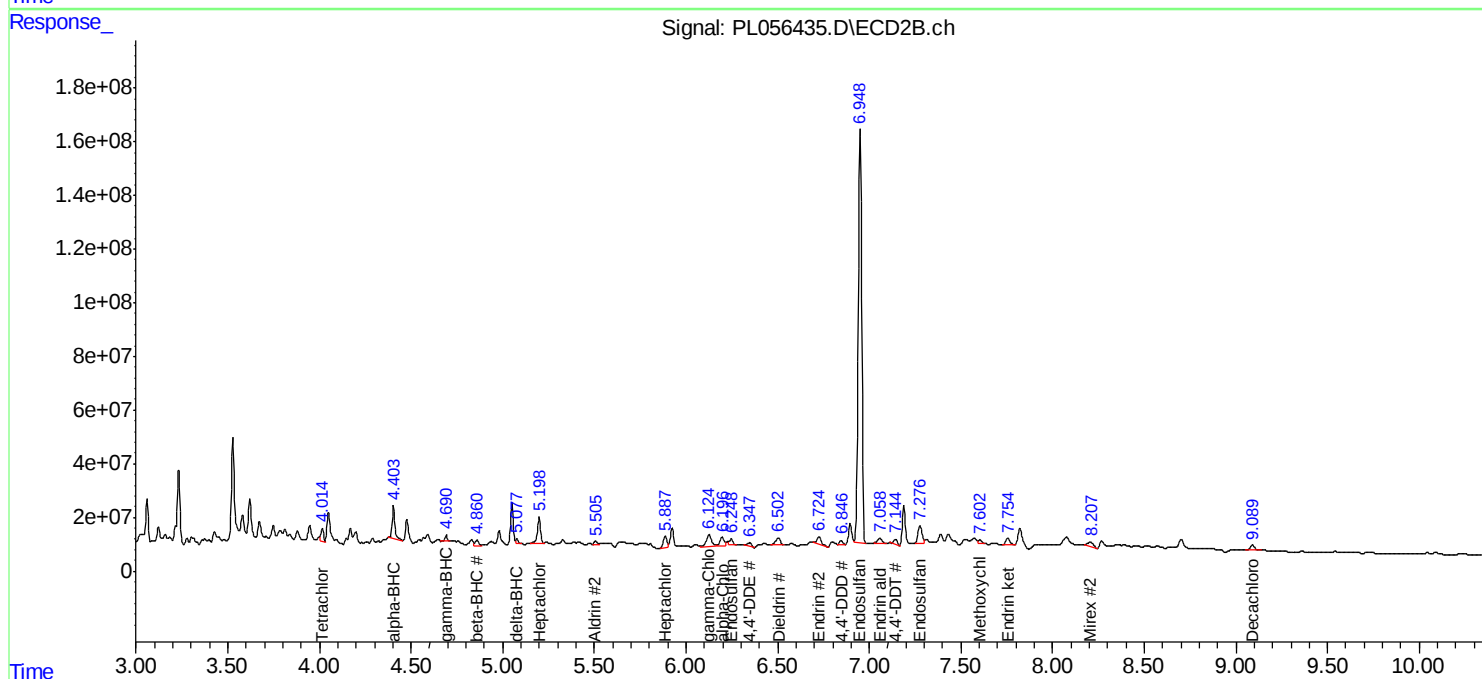
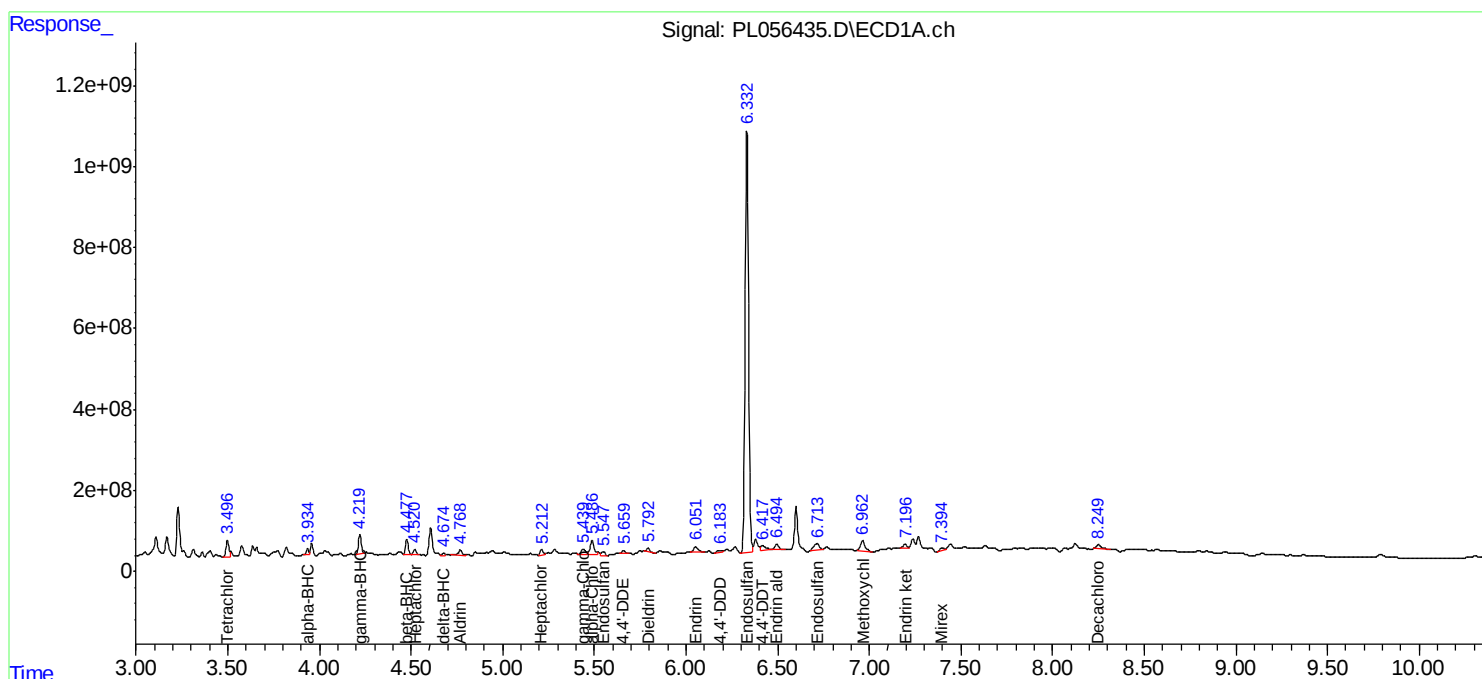
Instrument :
ECD_L
ClientSampled :
HP-640MS

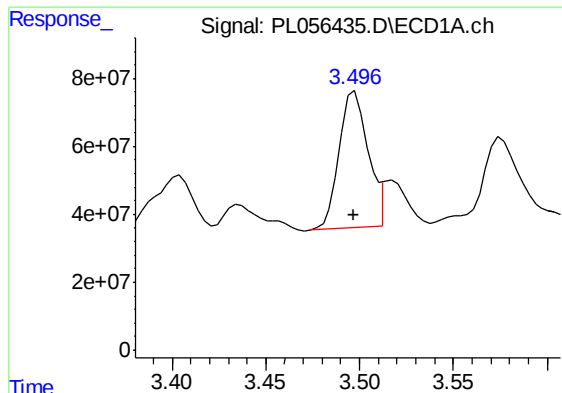
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 15:31:48 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
Quant Title : GC Extractables
QLast Update : Tue Jan 28 13:10:37 2020
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





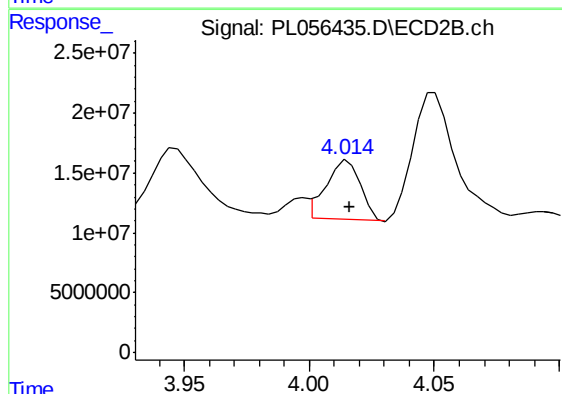
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 435129735
Conc: 41.55 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MS

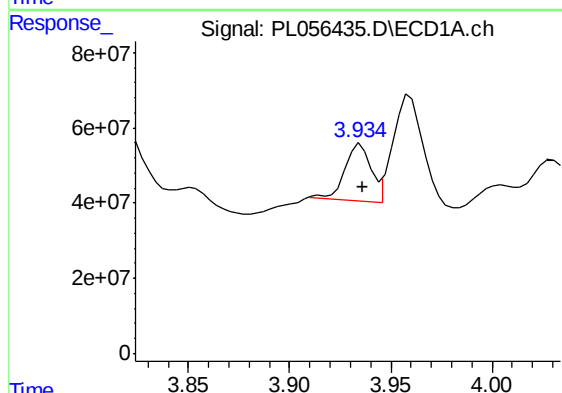
Manual Integrations
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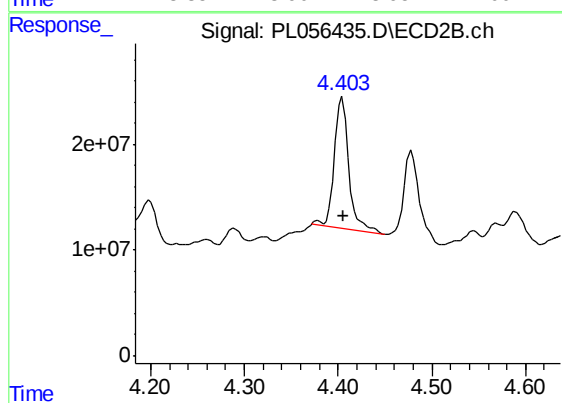
#1 Tetrachloro-m-xylene

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 46036280
Conc: 15.74 ng/ml m



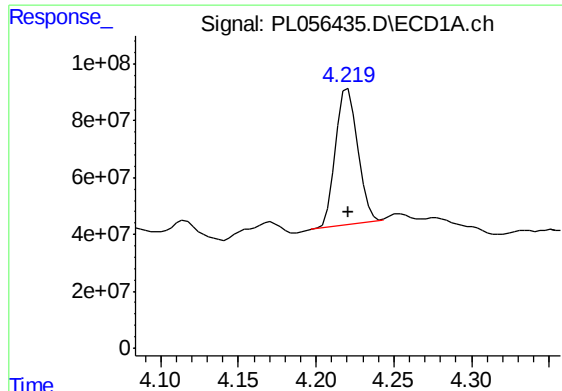
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 135459649
Conc: 7.60 ng/ml



#2 alpha-BHC

R.T.: 4.405 min
Delta R.T.: 0.000 min
Response: 131383409
Conc: 30.02 ng/ml



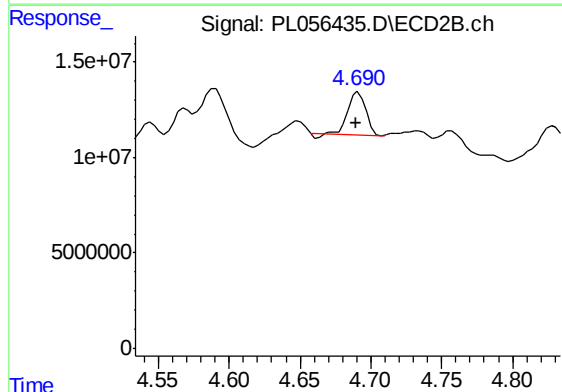
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 482416825
Conc: 29.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

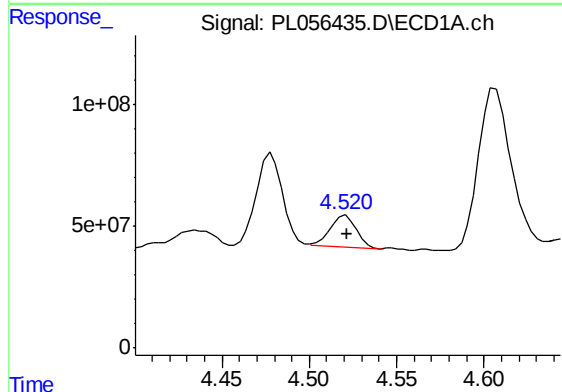
Manual Integrations
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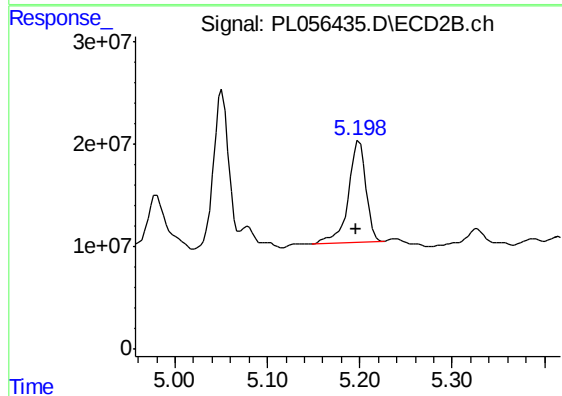
#3 gamma-BHC (Lindane)

R.T.: 4.691 min
Delta R.T.: 0.002 min
Response: 19963990
Conc: 4.87 ng/ml



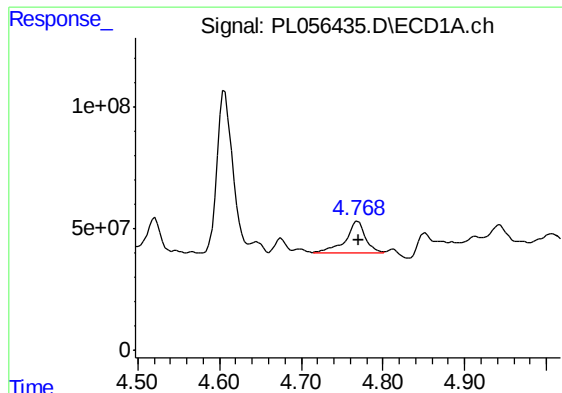
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 134542671
Conc: 8.38 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.003 min
Response: 130575529
Conc: 36.50 ng/ml



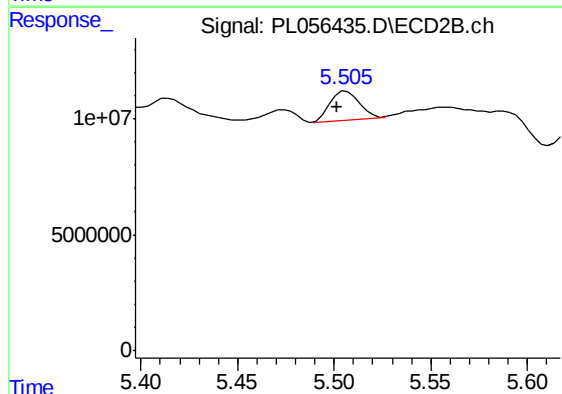
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: -0.002 min
Response: 212062191
Conc: 13.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

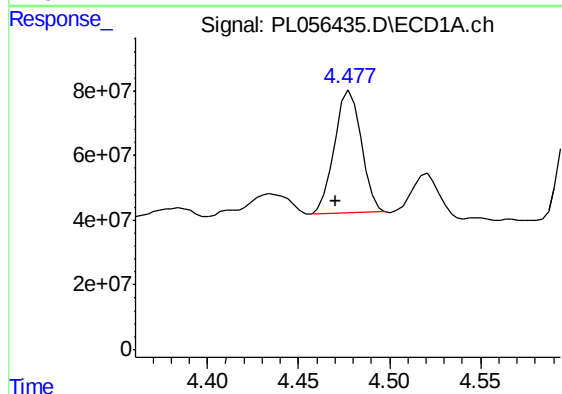
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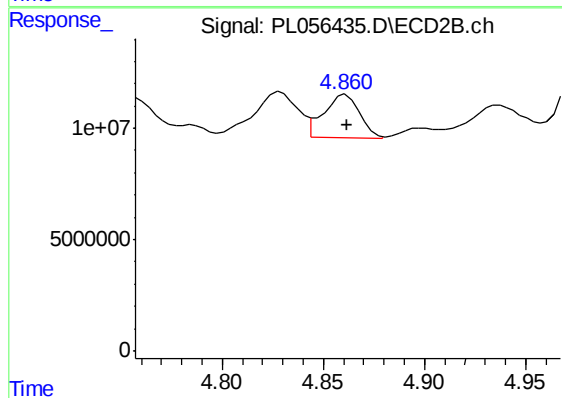
#5 Aldrin

R.T.: 5.506 min
Delta R.T.: 0.005 min
Response: 12951242
Conc: 3.68 ng/ml



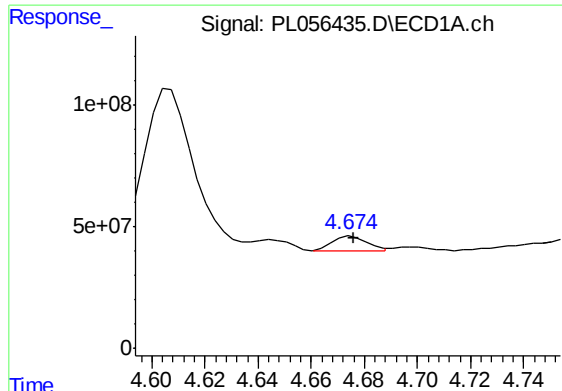
#6 beta-BHC

R.T.: 4.477 min
Delta R.T.: 0.006 min
Response: 389205377
Conc: 59.09 ng/ml m



#6 beta-BHC

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 23627069
Conc: 14.41 ng/ml m



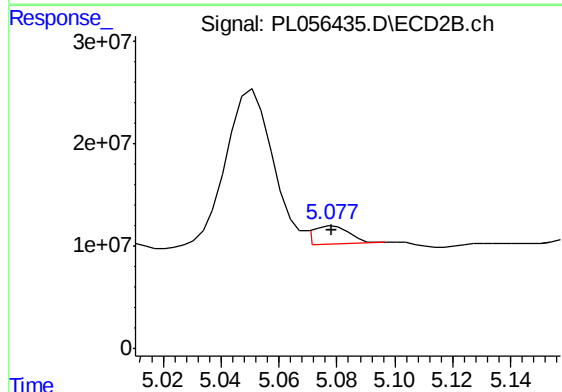
#7 delta-BHC

R.T.: 4.674 min
Delta R.T.: -0.002 min
Response: 54597175
Conc: 3.41 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MS

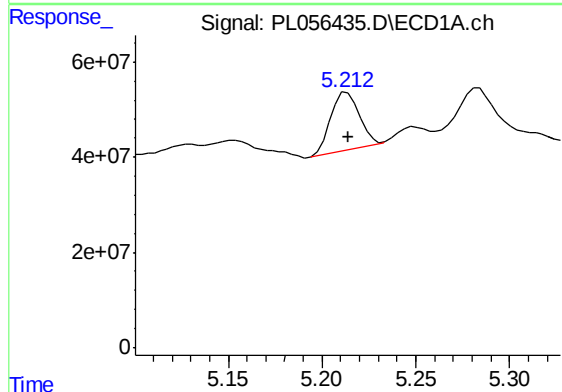
Manual Integrations
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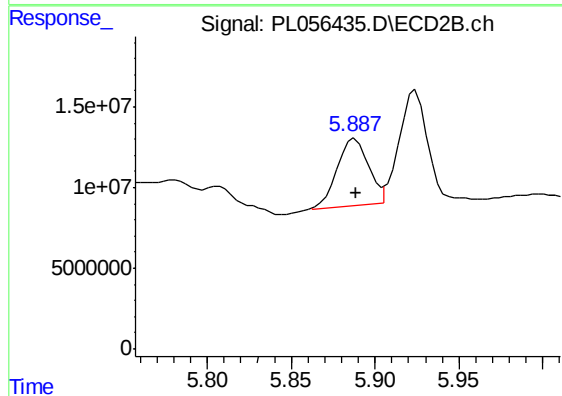
#7 delta-BHC

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 15192661
Conc: 4.74 ng/ml



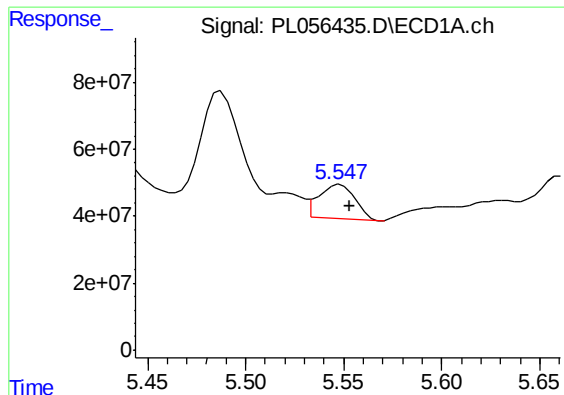
#8 Heptachlor epoxide

R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 129863674
Conc: 8.44 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 55453407
Conc: 17.82 ng/ml m



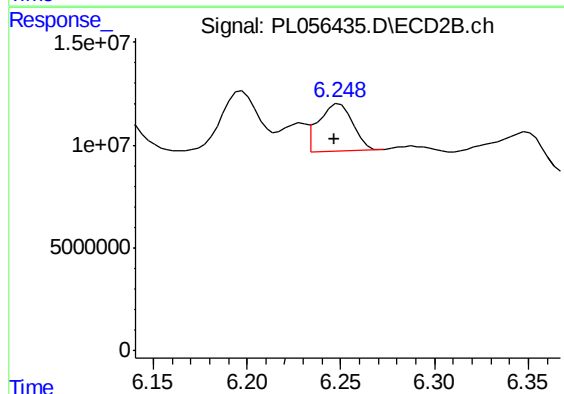
#9 Endosulfan I

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 128749555
Conc: 8.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

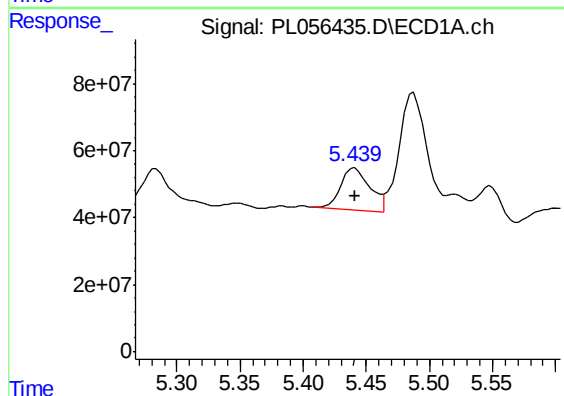
Manual Integrations
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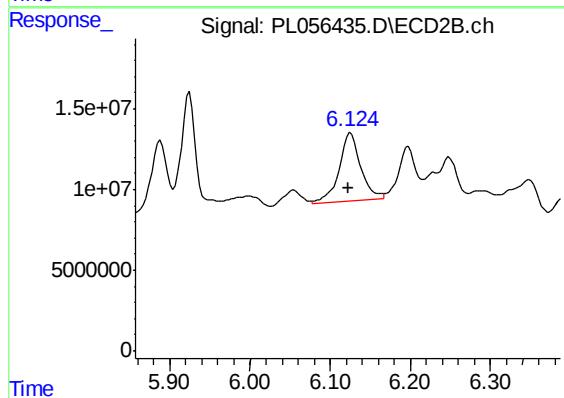
#9 Endosulfan I

R.T.: 6.249 min
Delta R.T.: 0.003 min
Response: 29900950
Conc: 9.99 ng/ml



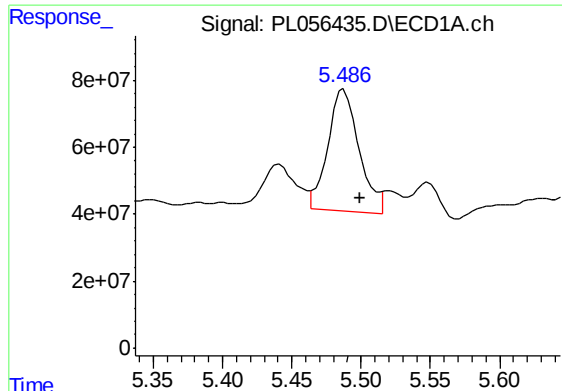
#10 gamma-Chlordane

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 199722760
Conc: 12.73 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.002 min
Response: 79922567
Conc: 25.13 ng/ml



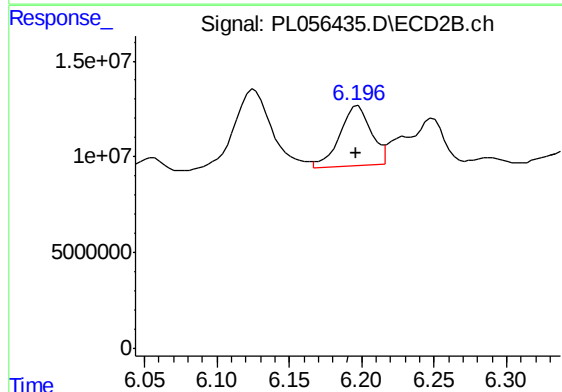
#11 alpha-Chlordane

R.T.: 5.487 min
Delta R.T.: -0.011 min
Response: 571834887
Conc: 37.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

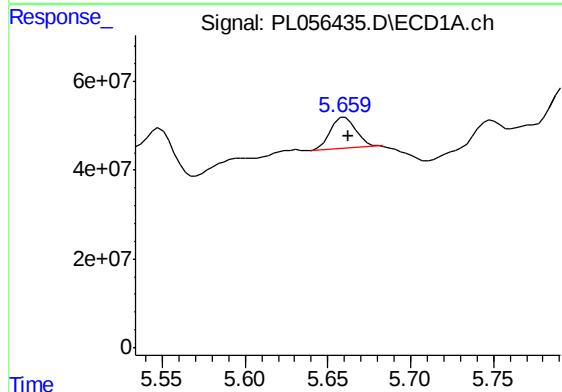
Manual Integrations
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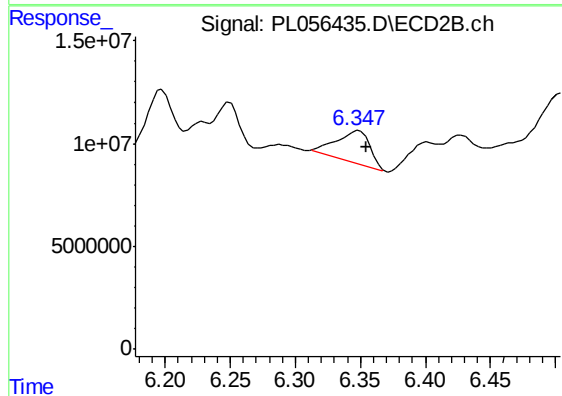
#11 alpha-Chlordane

R.T.: 6.197 min
Delta R.T.: 0.001 min
Response: 47033982
Conc: 14.84 ng/ml



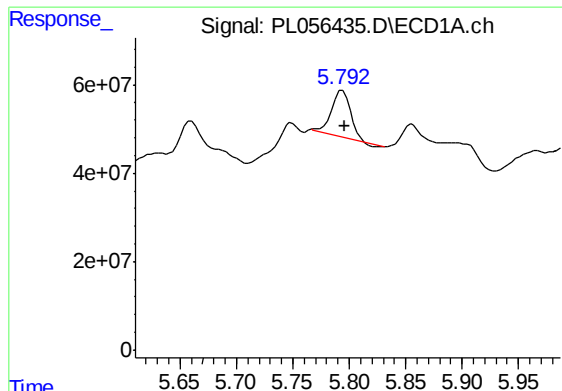
#12 4,4'-DDE

R.T.: 5.659 min
Delta R.T.: -0.004 min
Response: 77316128
Conc: 5.33 ng/ml m



#12 4,4'-DDE

R.T.: 6.347 min
Delta R.T.: -0.007 min
Response: 27427862
Conc: 9.16 ng/ml m



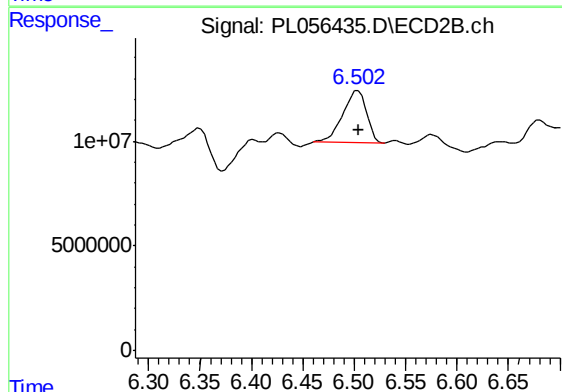
#13 Dielldrin

R.T.: 5.794 min
Delta R.T.: -0.003 min
Response: 125895167
Conc: 8.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

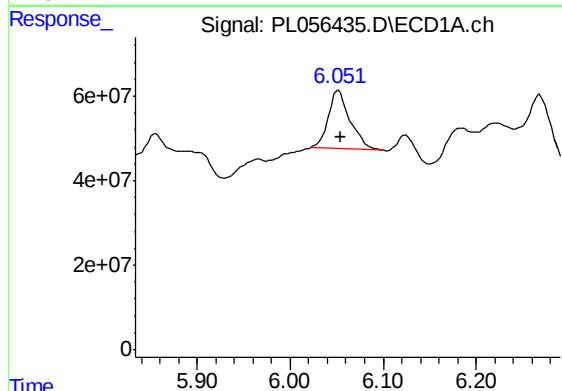
Manual Integrations
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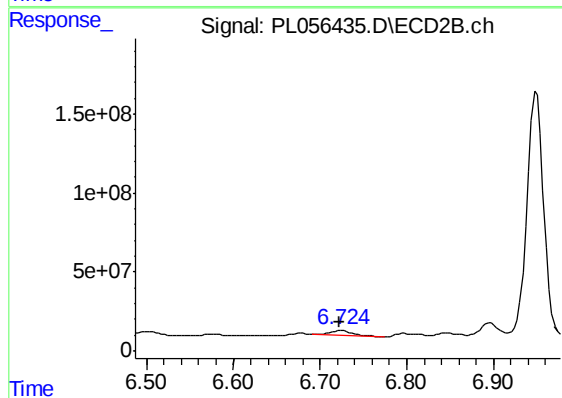
#13 Dielldrin

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 40324563
Conc: 12.99 ng/ml



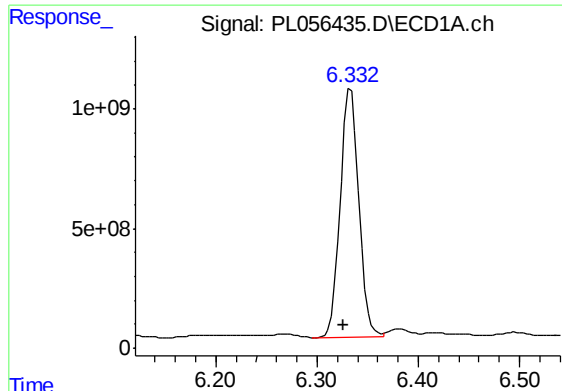
#14 Endrin

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 222159287
Conc: 15.81 ng/ml



#14 Endrin

R.T.: 6.725 min
Delta R.T.: 0.002 min
Response: 45705559
Conc: 17.44 ng/ml



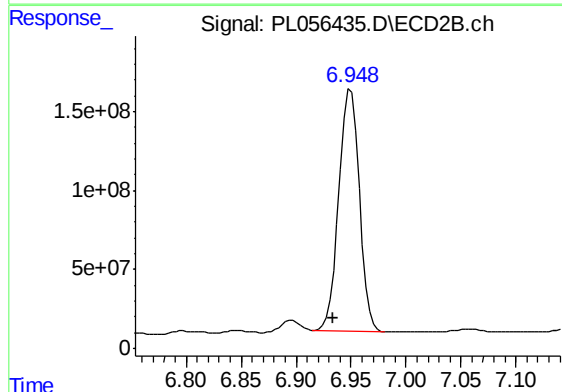
#15 Endosulfan II

R.T.: 6.333 min
Delta R.T.: 0.007 min
Response: 13148083119
Conc: 1005.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

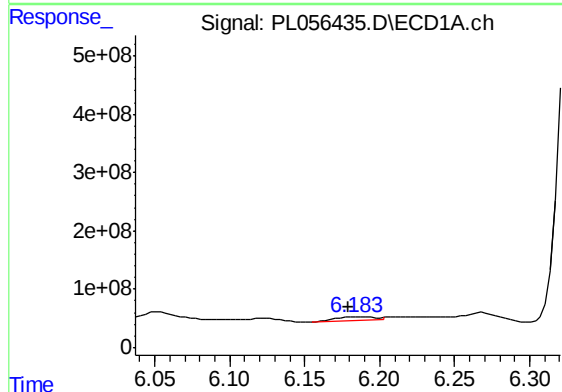
Manual Integrations
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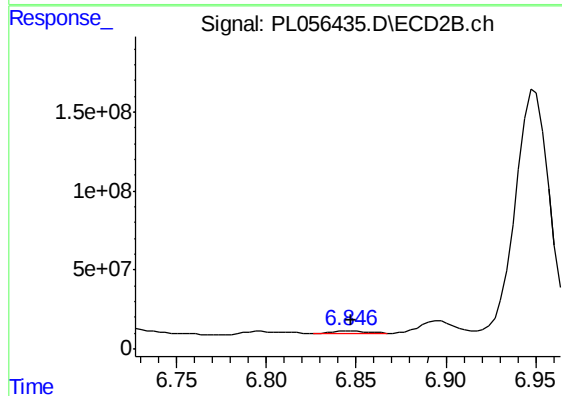
#15 Endosulfan II

R.T.: 6.948 min
Delta R.T.: 0.014 min
Response: 2007228276
Conc: 745.60 ng/ml m



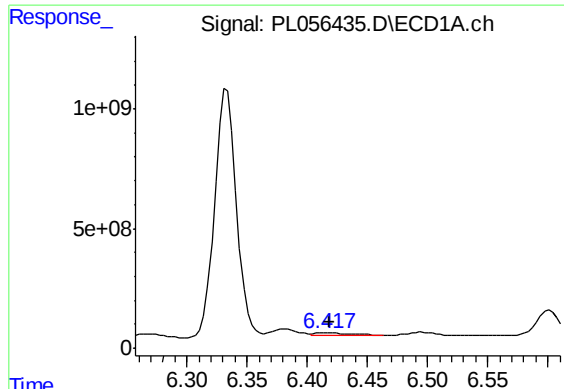
#16 4,4'-DDD

R.T.: 6.183 min
Delta R.T.: 0.004 min
Response: 110831589
Conc: 10.31 ng/ml m



#16 4,4'-DDD

R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 16506596
Conc: 7.00 ng/ml m



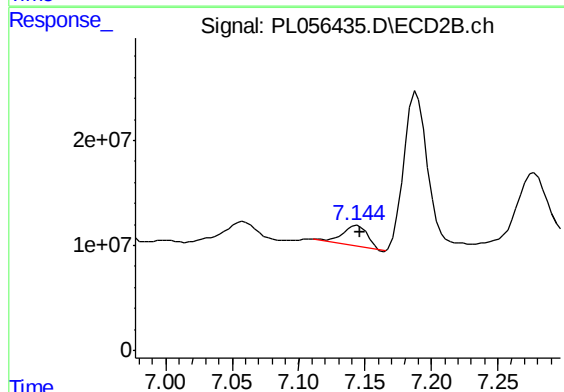
#17 4,4'-DDT

R.T.: 6.418 min
Delta R.T.: 0.000 min
Response: 211563220
Conc: 19.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

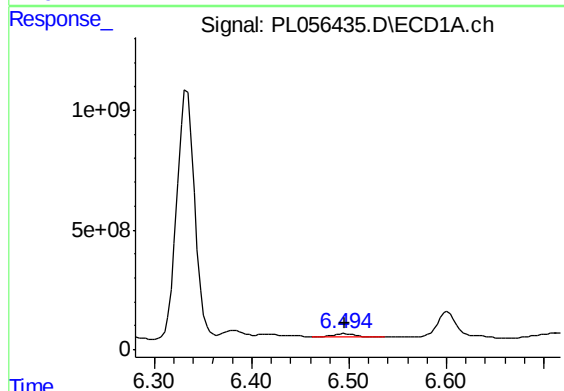
Manual Integrations
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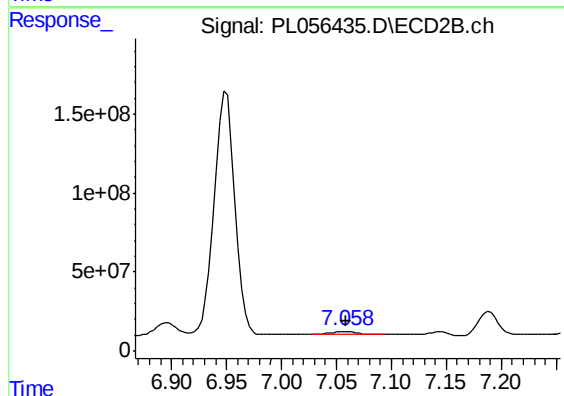
#17 4,4'-DDT

R.T.: 7.145 min
Delta R.T.: -0.001 min
Response: 26996809
Conc: 11.76 ng/ml



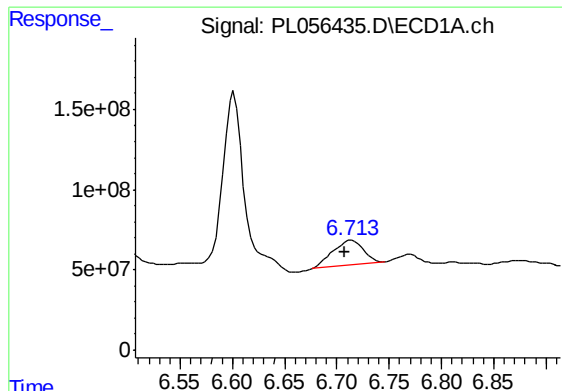
#18 Endrin aldehyde

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 185632195
Conc: 16.97 ng/ml



#18 Endrin aldehyde

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 27110029
Conc: 11.94 ng/ml



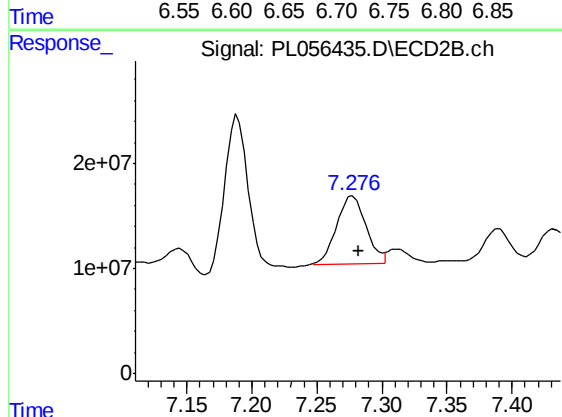
#19 Endosulfan Sulfate

R.T.: 6.714 min
Delta R.T.: 0.007 min
Response: 309513556
Conc: 25.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

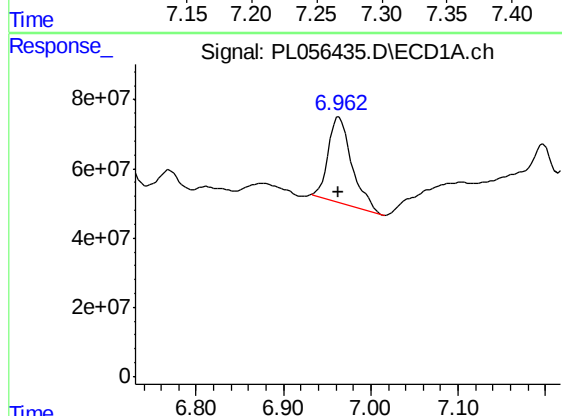
Manual Integrations
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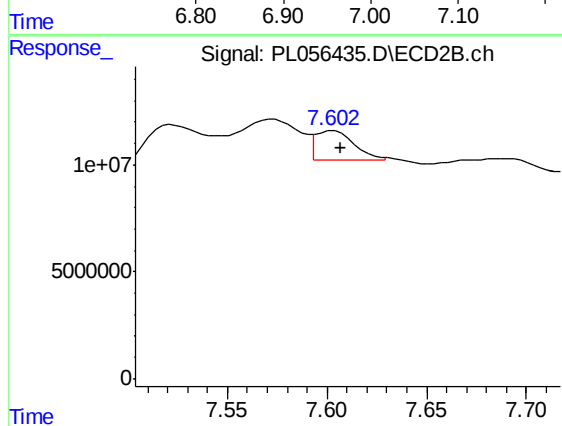
#19 Endosulfan Sulfate

R.T.: 7.278 min
Delta R.T.: -0.004 min
Response: 100046550
Conc: 39.53 ng/ml



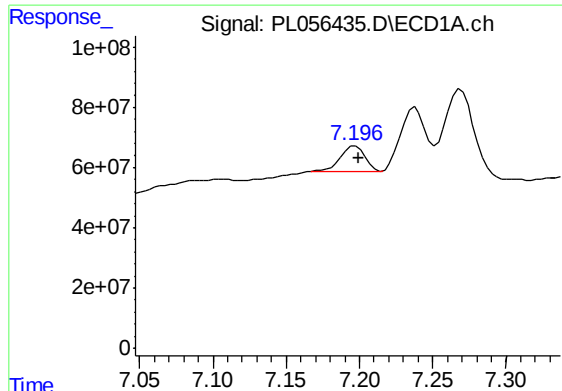
#20 Methoxychlor

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 457109357
Conc: 86.05 ng/ml



#20 Methoxychlor

R.T.: 7.602 min
Delta R.T.: -0.005 min
Response: 18248494
Conc: 14.88 ng/ml m



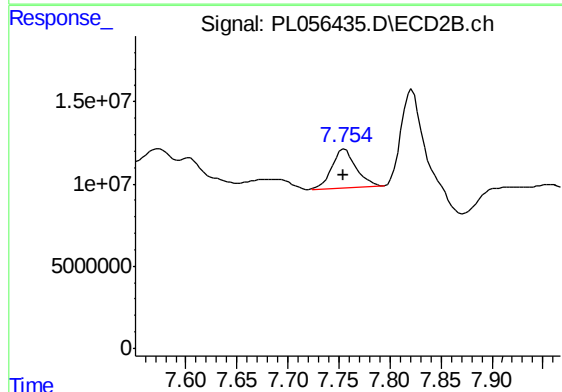
#21 Endrin ketone

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 97614816
Conc: 7.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

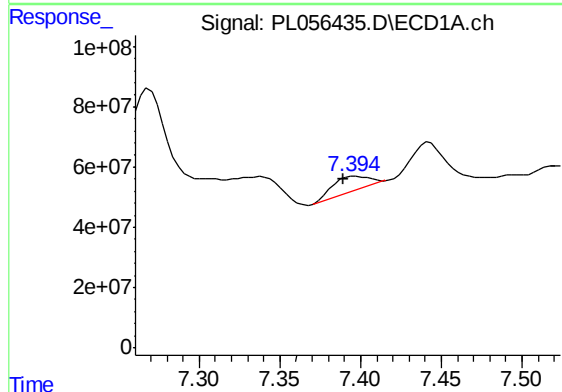
Manual Integrations
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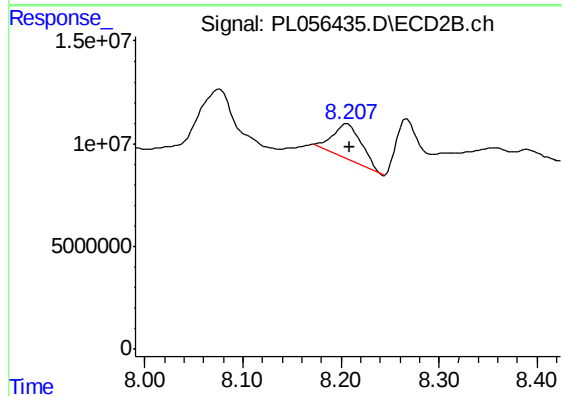
#21 Endrin ketone

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 38671240
Conc: 14.50 ng/ml



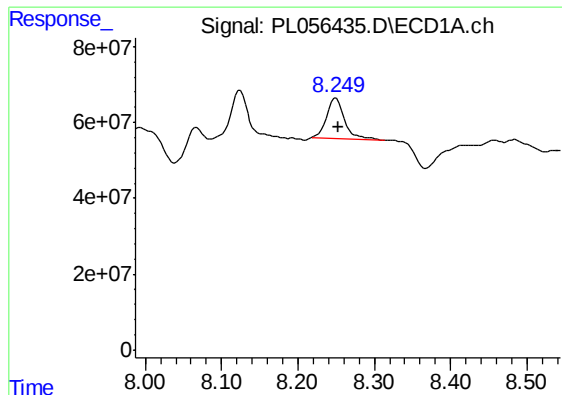
#22 Mirex

R.T.: 7.394 min
Delta R.T.: 0.005 min
Response: 77811567
Conc: 8.42 ng/ml m



#22 Mirex

R.T.: 8.206 min
Delta R.T.: -0.003 min
Response: 35897139
Conc: 19.75 ng/ml



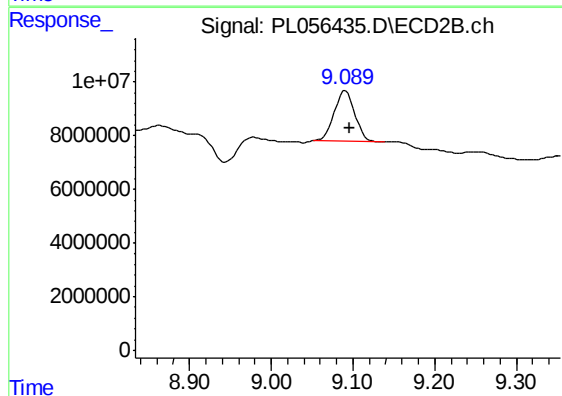
#28 Decachlorobiphenyl

R.T.: 8.250 min
Delta R.T.: -0.002 min
Response: 174200926
Conc: 16.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MS

Manual Integrations
APPROVED

mohammad
2/11/2020 3:40:50 PM



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: -0.005 min
Response: 33728868
Conc: 14.91 ng/ml