

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021020\
 Data File : PL056436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2020 14:28
 Operator : AJ\MA
 Sample : L1446-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HP-640MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 15:32:14 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...	3.497	4.016	499.5E6	30918439	47.694	10.574 #
28)	SA Decachlor...	8.248	9.091	204.8E6	34757637	19.455m	15.366
Target Compounds							
2)	A alpha-BHC	3.936	4.405	79340174	179.7E6	4.452	41.052 #
3)	MA gamma-BHC...	4.221	4.692	378.2E6	22633865	23.095	5.519 #
4)	MA Heptachlor	4.522	5.199	128.6E6	121.8E6	8.009	34.057 #
5)	MB Aldrin	4.769	5.506	97787939	11072237	6.011	3.150 #
6)	B beta-BHC	4.477	4.860	397.5E6	22267148	60.346m	13.582m#
7)	B delta-BHC	4.674	5.077	56443405	14534528	3.521m	4.532m#
8)	B Heptachlor...	5.214	5.886	116.7E6	69742034	7.585	22.407m#
9)	A Endosulfan I	5.549	6.248	137.2E6	25332680	9.456	8.465m
10)	B gamma-Chl...	5.440	6.126	197.5E6	83207690	12.596	26.165 #
11)	B alpha-Chl...	5.487	6.197	526.4E6	47724046	34.217	15.056 #
12)	B 4,4'-DDE	5.660	6.350	79093107	15498445	5.457m	5.174
13)	MA Dieldrin	5.792	6.497	87959775	36672804	5.719m	11.815 #
14)	MA Endrin	6.053	6.723	215.9E6	29952696	15.361	11.429m#
15)	B Endosulfa...	6.334	6.948	11965.9E6	1862.7E6	914.933	691.927m
16)	A 4,4'-DDD	6.184	6.846	137.1E6	23007904	12.752m	9.751m
17)	MA 4,4'-DDT	6.419	7.145	152.8E6	21434395	13.983	9.336m#
18)	B Endrin al...	6.496	7.059	131.3E6	33964798	12.003m	14.961
19)	B Endosulfa...	6.714	7.278	327.9E6	100.6E6	26.968	39.760 #
20)	A Methoxychlor	6.965	7.601	516.0E6	27104704	97.142	22.107m#
21)	B Endrin ke...	7.195	7.756	102.3E6	36630693	7.815m	13.735 #
22)	Mirex	7.395	8.208	69107962	15264231	7.480m	8.397m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021020\
Data File : PL056436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2020 14:28
Operator : AJ\MA
Sample : L1446-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

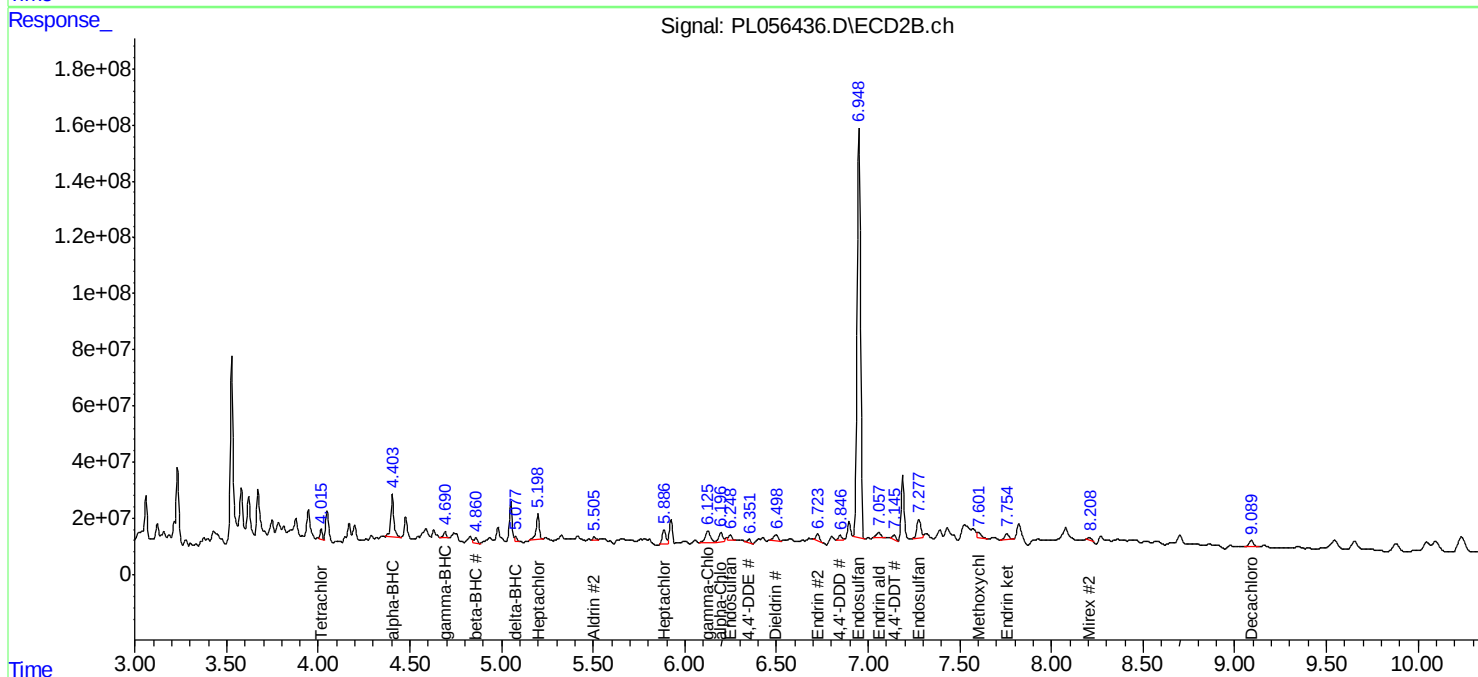
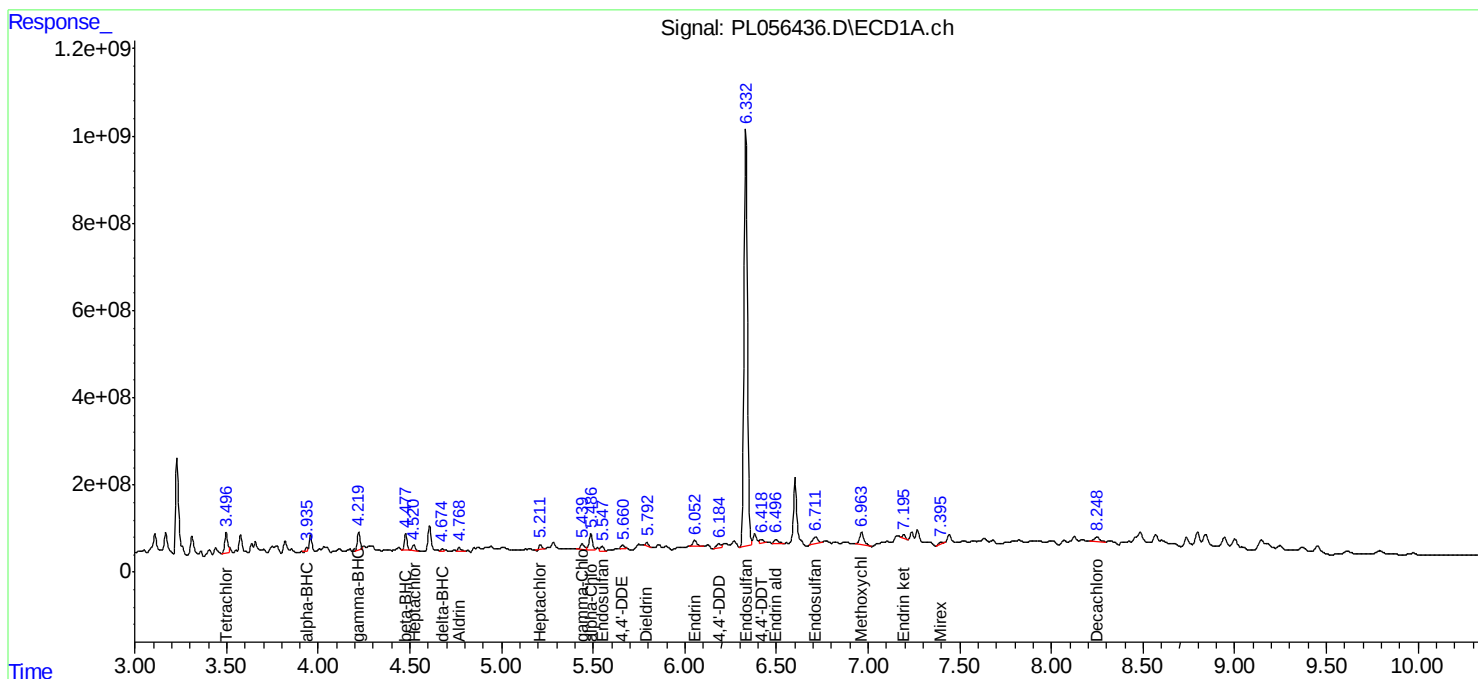
Instrument :
ECD_L
ClientSampled :
HP-640MSD

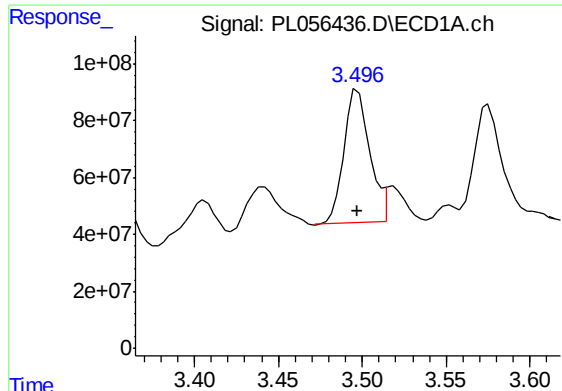
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 15:32:14 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
Quant Title : GC Extractables
QLast Update : Tue Jan 28 13:10:37 2020
Response 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





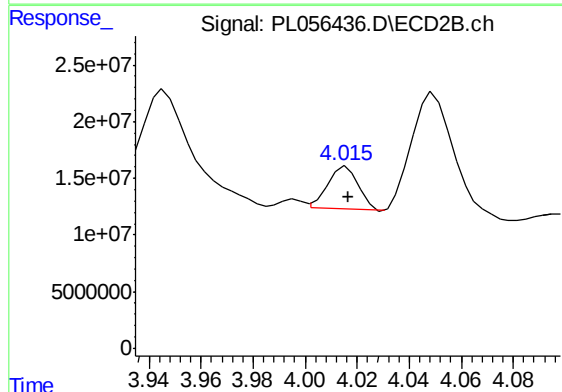
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 499498975
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

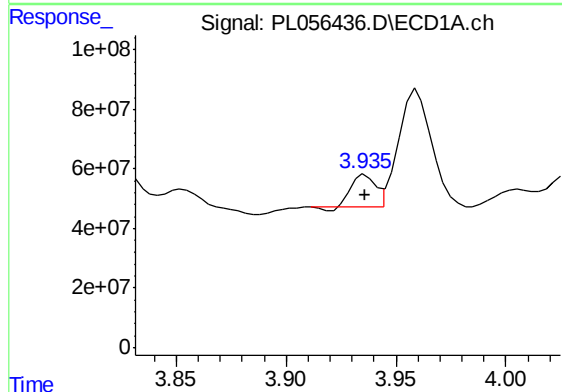
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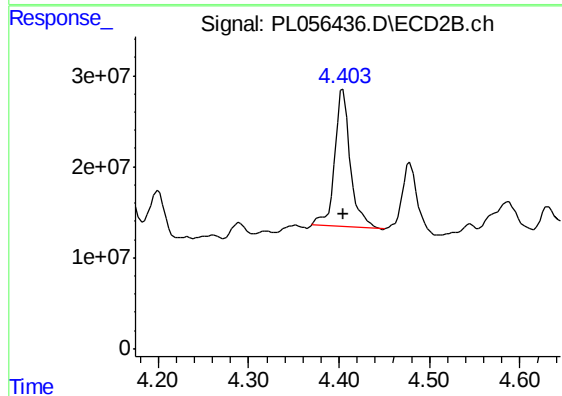
#1 Tetrachloro-m-xylene

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 30918439
Conc: 10.57 ng/ml



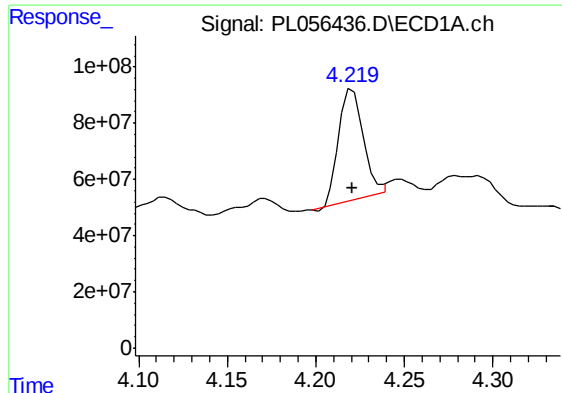
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 79340174
Conc: 4.45 ng/ml



#2 alpha-BHC

R.T.: 4.405 min
Delta R.T.: 0.000 min
Response: 179692292
Conc: 41.05 ng/ml



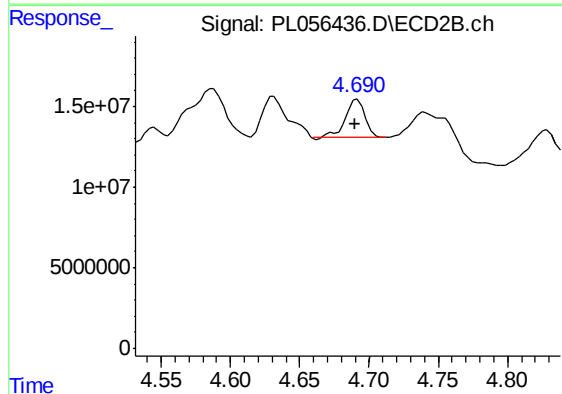
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 378157967
Conc: 23.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

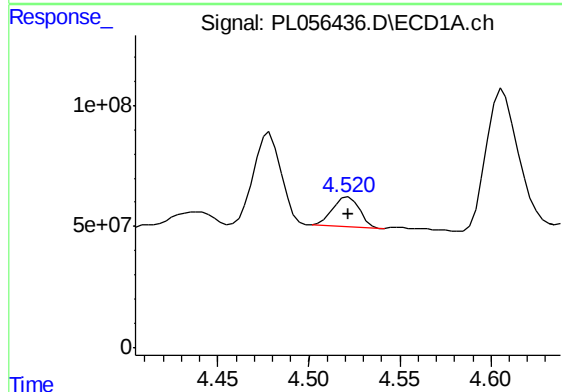
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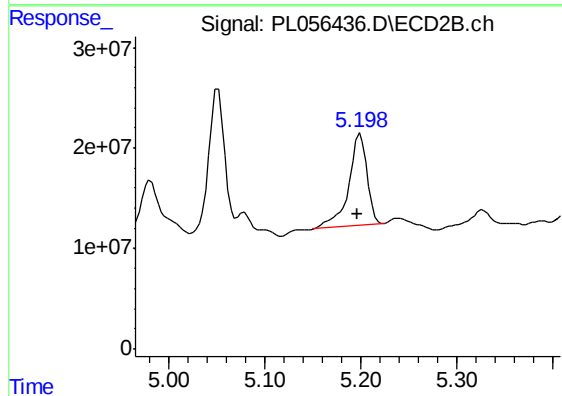
#3 gamma-BHC (Lindane)

R.T.: 4.692 min
Delta R.T.: 0.002 min
Response: 22633865
Conc: 5.52 ng/ml



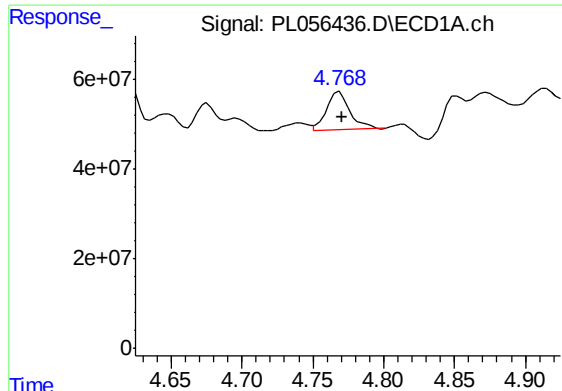
#4 Heptachlor

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 128581850
Conc: 8.01 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.003 min
Response: 121848033
Conc: 34.06 ng/ml



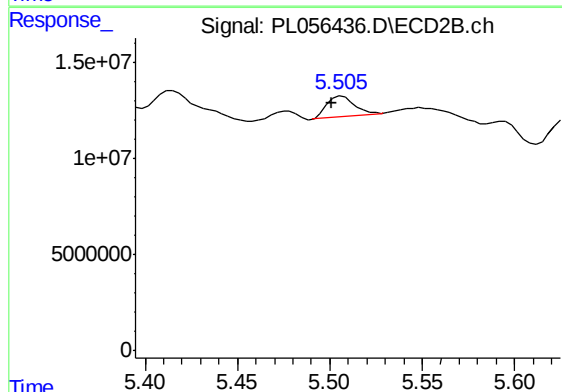
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: -0.002 min
Response: 97787939
Conc: 6.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

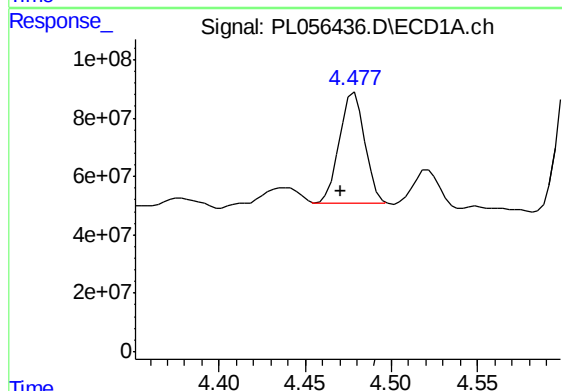
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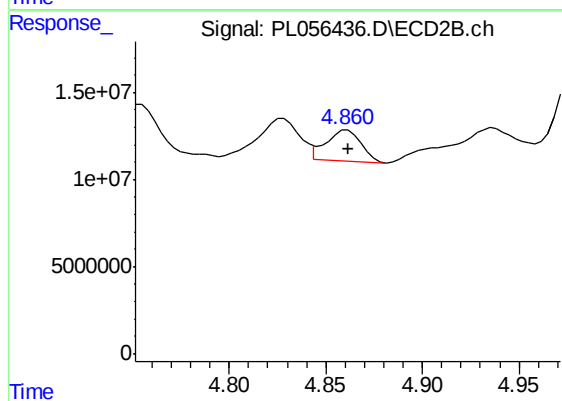
#5 Aldrin

R.T.: 5.506 min
Delta R.T.: 0.005 min
Response: 11072237
Conc: 3.15 ng/ml



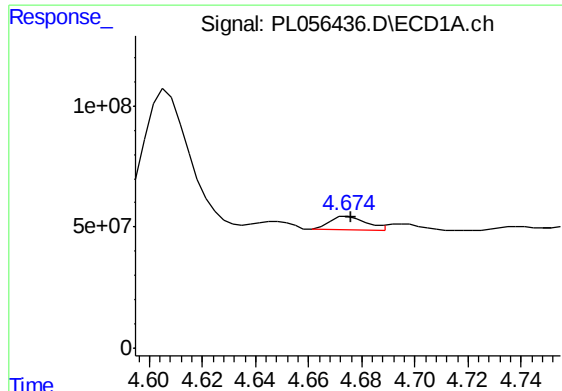
#6 beta-BHC

R.T.: 4.477 min
Delta R.T.: 0.006 min
Response: 397491080
Conc: 60.35 ng/ml m



#6 beta-BHC

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 22267148
Conc: 13.58 ng/ml m



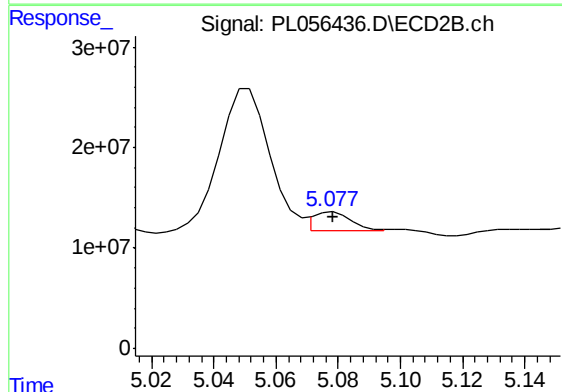
#7 delta-BHC

R.T.: 4.674 min
Delta R.T.: -0.002 min
Response: 56443405
Conc: 3.52 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

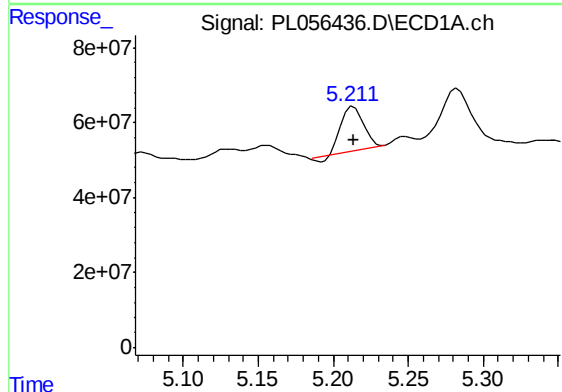
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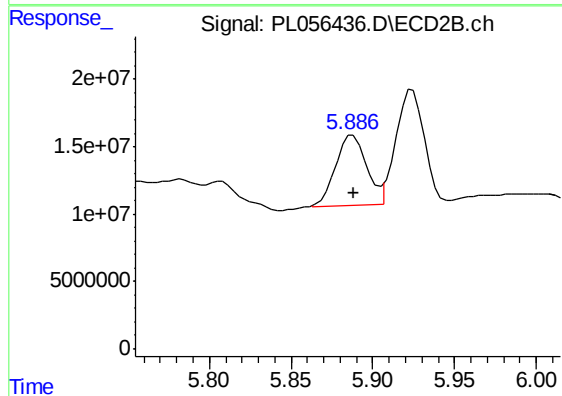
#7 delta-BHC

R.T.: 5.077 min
Delta R.T.: -0.001 min
Response: 14534528
Conc: 4.53 ng/ml m



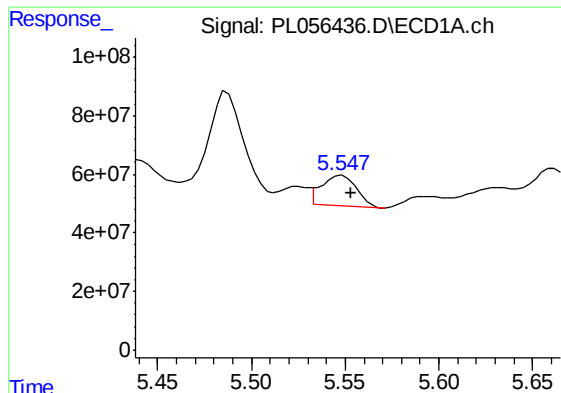
#8 Heptachlor epoxide

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 116659745
Conc: 7.58 ng/ml



#8 Heptachlor epoxide

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 69742034
Conc: 22.41 ng/ml m



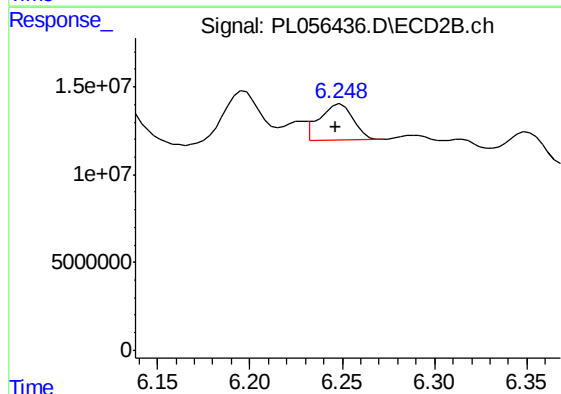
#9 Endosulfan I

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 137216081
Conc: 9.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

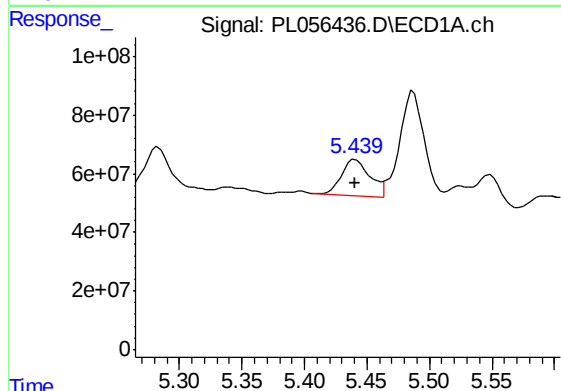
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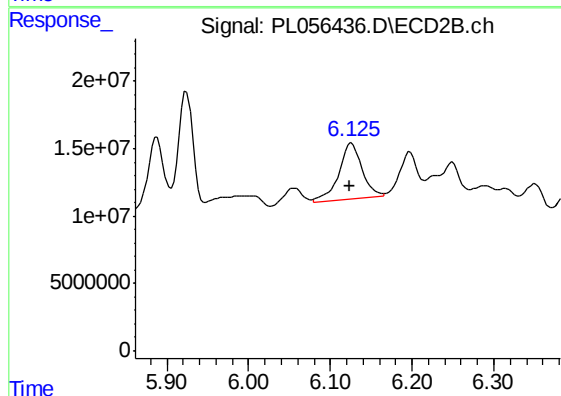
#9 Endosulfan I

R.T.: 6.248 min
Delta R.T.: 0.001 min
Response: 25332680
Conc: 8.46 ng/ml m



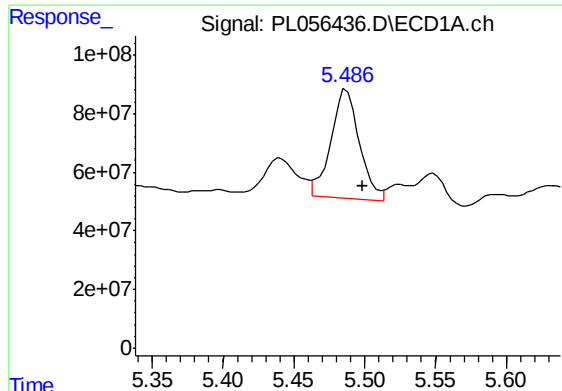
#10 gamma-Chlordane

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 197546991
Conc: 12.60 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.003 min
Response: 83207690
Conc: 26.16 ng/ml



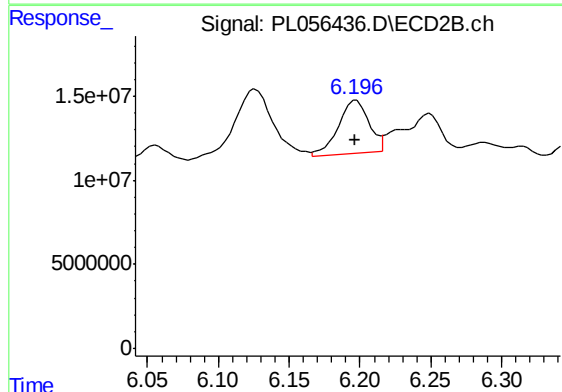
#11 alpha-Chlordane

R.T.: 5.487 min
Delta R.T.: -0.012 min
Response: 526360425
Conc: 34.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

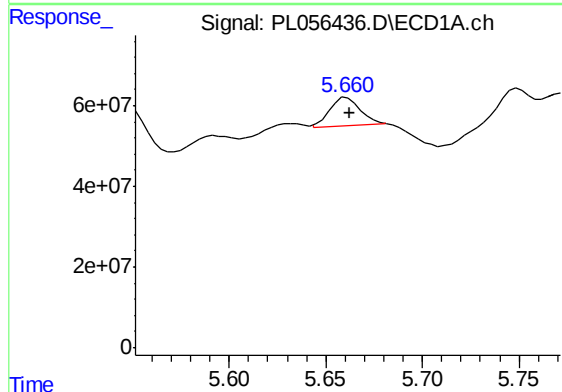
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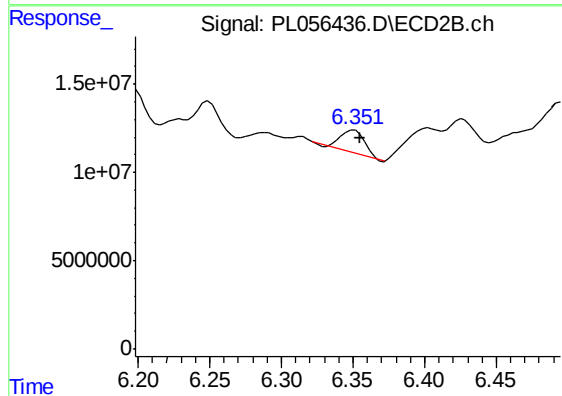
#11 alpha-Chlordane

R.T.: 6.197 min
Delta R.T.: 0.001 min
Response: 47724046
Conc: 15.06 ng/ml



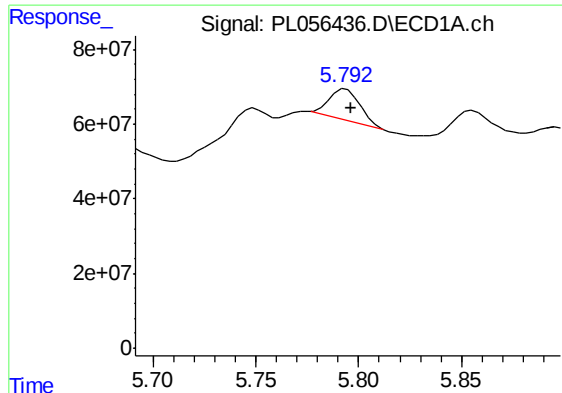
#12 4,4'-DDE

R.T.: 5.660 min
Delta R.T.: -0.003 min
Response: 79093107
Conc: 5.46 ng/ml m



#12 4,4'-DDE

R.T.: 6.350 min
Delta R.T.: -0.004 min
Response: 15498445
Conc: 5.17 ng/ml



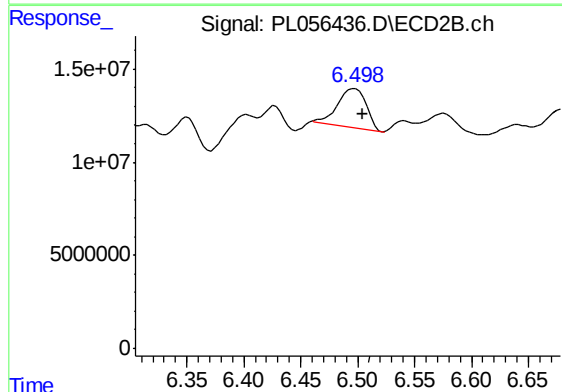
#13 Dieldrin

R.T.: 5.792 min
Delta R.T.: -0.004 min
Response: 87959775
Conc: 5.72 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

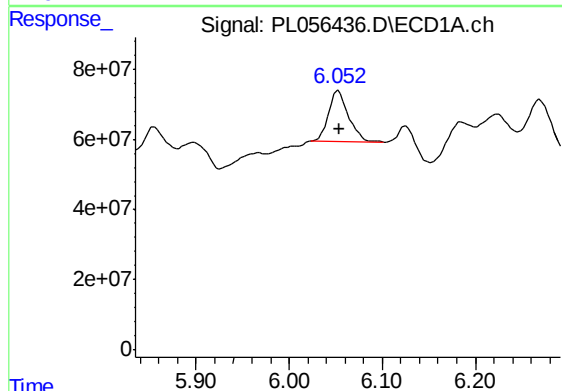
Manual Integrations
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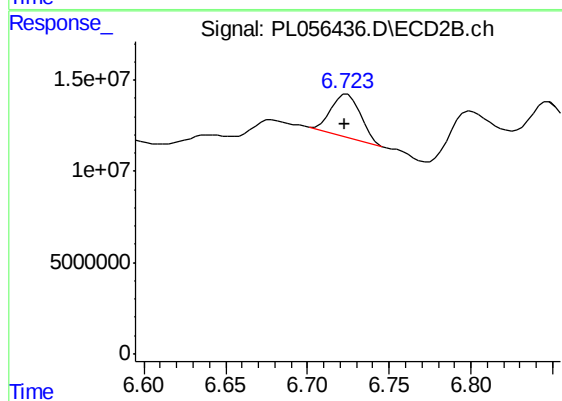
#13 Dieldrin

R.T.: 6.497 min
Delta R.T.: -0.007 min
Response: 36672804
Conc: 11.81 ng/ml



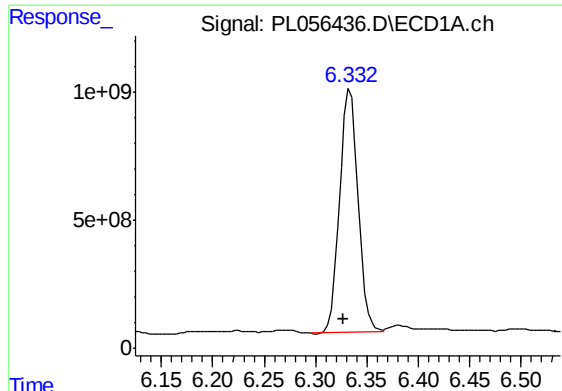
#14 Endrin

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 215856425
Conc: 15.36 ng/ml



#14 Endrin

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 29952696
Conc: 11.43 ng/ml m



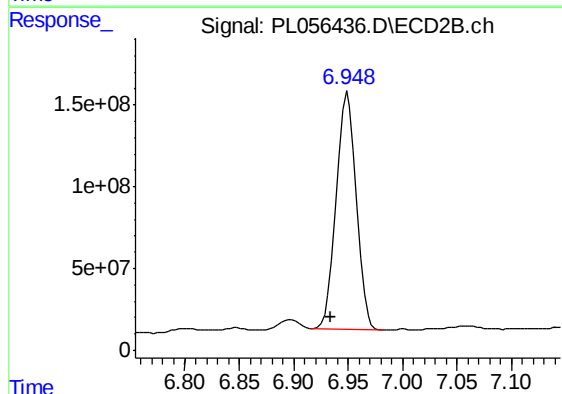
#15 Endosulfan II

R.T.: 6.334 min
Delta R.T.: 0.007 min
Response: 11965887721
Conc: 914.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

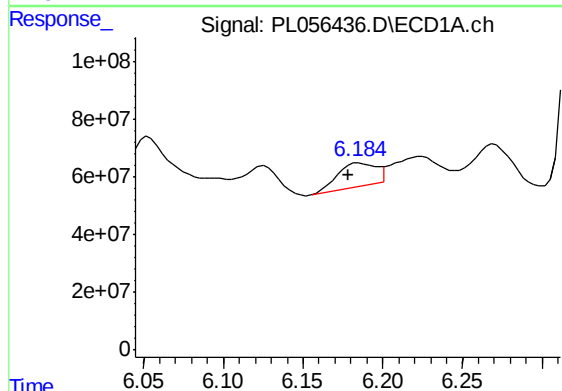
Manual Integrations
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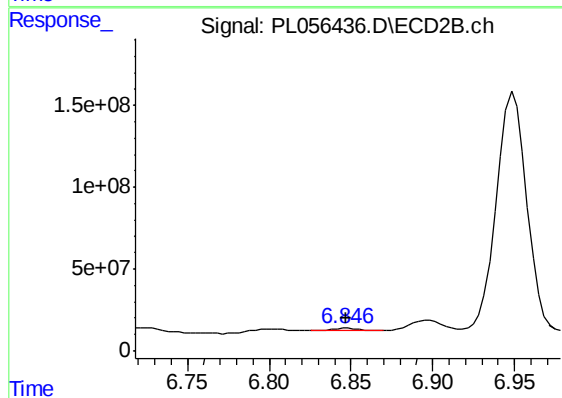
#15 Endosulfan II

R.T.: 6.948 min
Delta R.T.: 0.014 min
Response: 1862729028
Conc: 691.93 ng/ml m



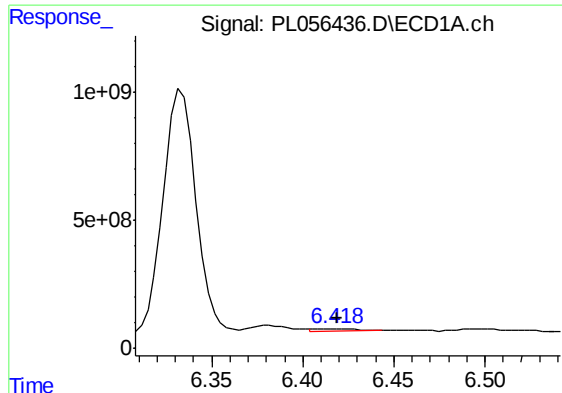
#16 4,4'-DDD

R.T.: 6.184 min
Delta R.T.: 0.005 min
Response: 137069132
Conc: 12.75 ng/ml m



#16 4,4'-DDD

R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 23007904
Conc: 9.75 ng/ml m



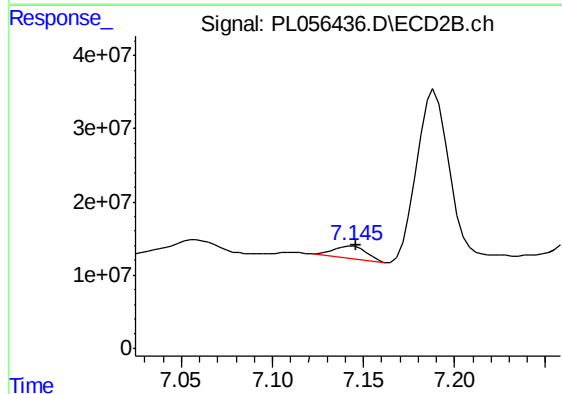
#17 4,4'-DDT

R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 152816429
Conc: 13.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

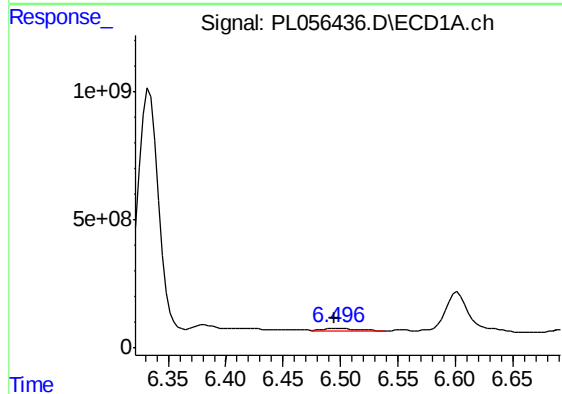
Manual Integrations
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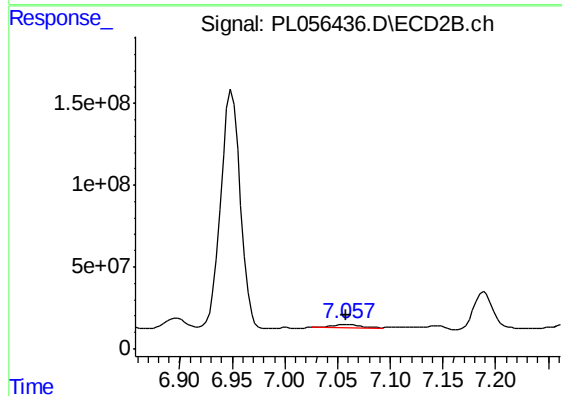
#17 4,4'-DDT

R.T.: 7.145 min
Delta R.T.: -0.001 min
Response: 21434395
Conc: 9.34 ng/ml m



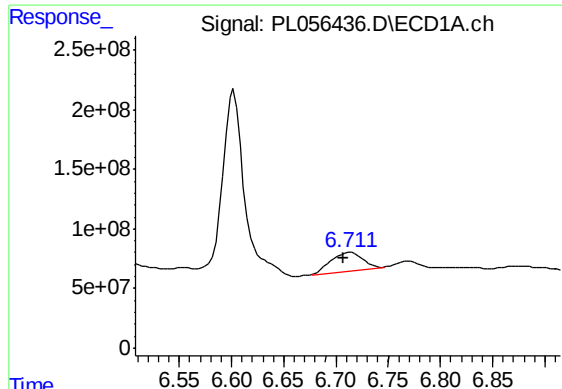
#18 Endrin aldehyde

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 131316662
Conc: 12.00 ng/ml m



#18 Endrin aldehyde

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 33964798
Conc: 14.96 ng/ml



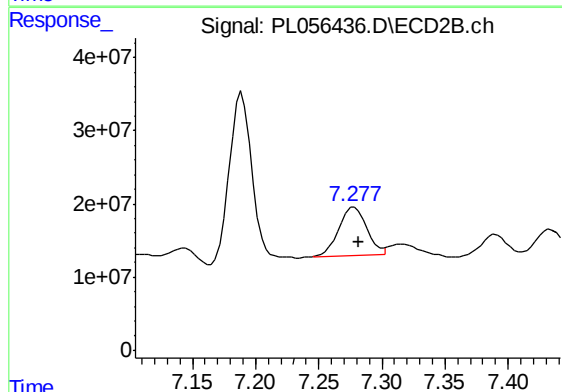
#19 Endosulfan Sulfate

R.T.: 6.714 min
Delta R.T.: 0.007 min
Response: 327875885
Conc: 26.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

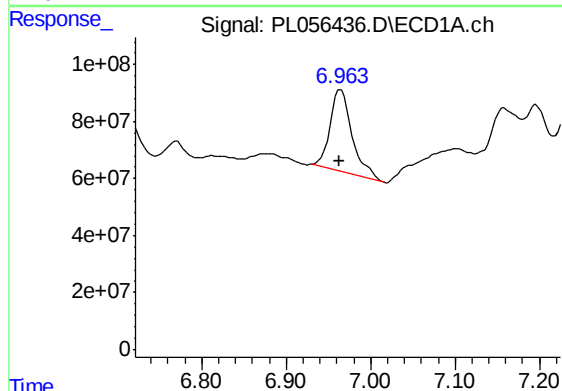
Manual Integrations
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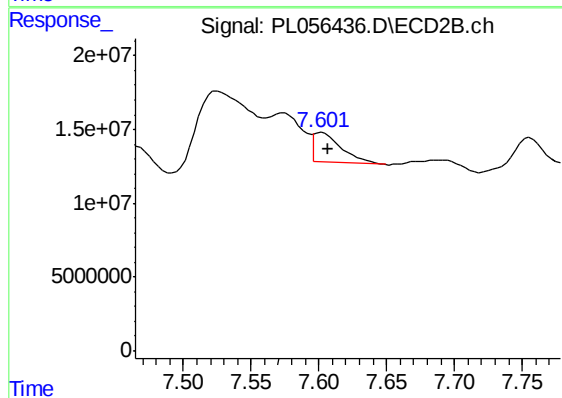
#19 Endosulfan Sulfate

R.T.: 7.278 min
Delta R.T.: -0.004 min
Response: 100622013
Conc: 39.76 ng/ml



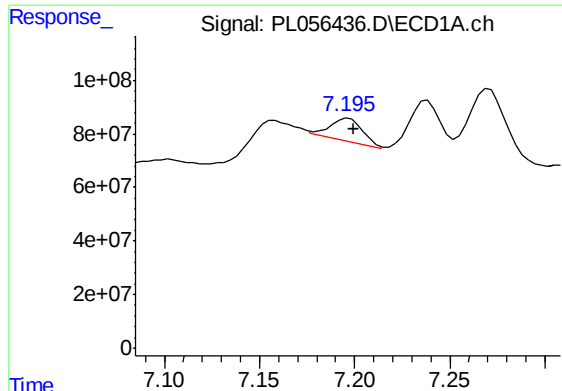
#20 Methoxychlor

R.T.: 6.965 min
Delta R.T.: 0.001 min
Response: 516039883
Conc: 97.14 ng/ml



#20 Methoxychlor

R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 27104704
Conc: 22.11 ng/ml m



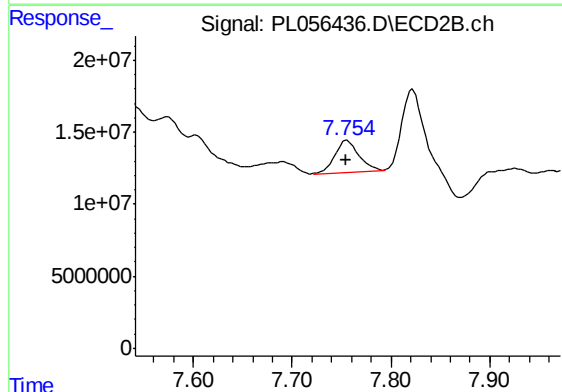
#21 Endrin ketone

R.T.: 7.195 min
Delta R.T.: -0.004 min
Response: 102266306
Conc: 7.82 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

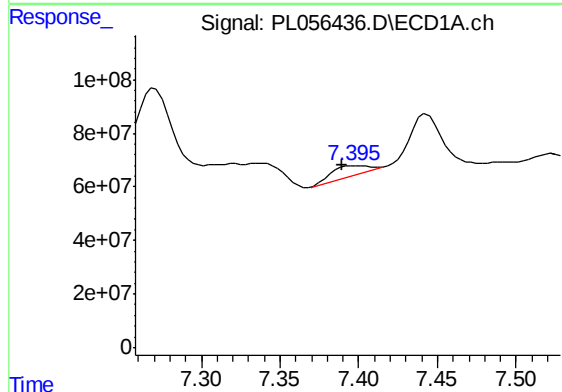
Manual Integrations
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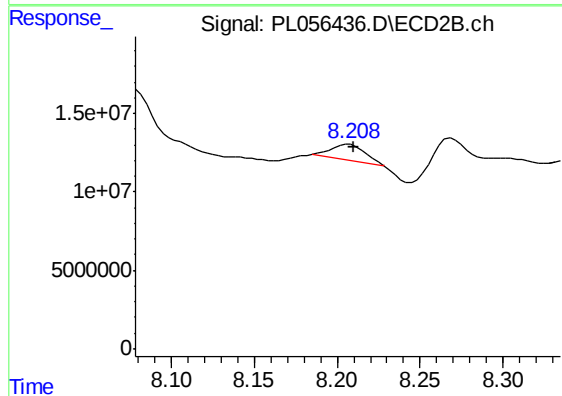
#21 Endrin ketone

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 36630693
Conc: 13.74 ng/ml



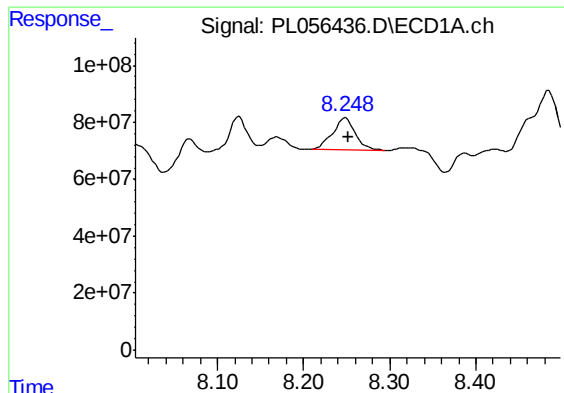
#22 Mirex

R.T.: 7.395 min
Delta R.T.: 0.006 min
Response: 69107962
Conc: 7.48 ng/ml m



#22 Mirex

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 15264231
Conc: 8.40 ng/ml m



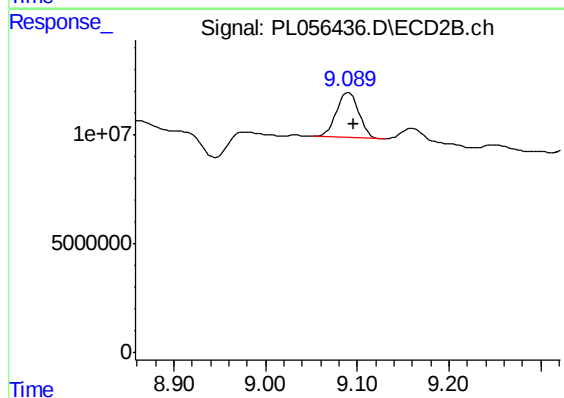
#28 Decachlorobiphenyl

R.T.: 8.248 min
Delta R.T.: -0.005 min
Response: 204826561
Conc: 19.46 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

Manual Integrations
APPROVED

mohammad
2/11/2020 3:40:53 PM



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: -0.005 min
Response: 34757637
Conc: 15.37 ng/ml