

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123119\
 Data File : PL055412.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Dec 2019 10:49
 Operator : SG\AJ
 Sample : K6447-01MS 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR31-48MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 01 00:38:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 21 05:21:06 2019
 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...	3.536	4.048	52607790	12910939	5.002	4.886
28)	SA Decachlor...	8.314	9.151	36587784	10308775	3.943	4.670m
Target Compounds							
2)	A alpha-BHC	3.977	4.440	176.0E6	42098980	10.115m	11.431
3)	MA gamma-BHC...	4.265	4.726	148.9E6	41781410	9.033	12.222 #
4)	MA Heptachlor	4.571	5.235	165.0E6	37489065	10.103	11.916
5)	MB Aldrin	4.821	5.541	161.5E6	39665521	10.576	13.775 #
6)	B beta-BHC	4.516	4.898	70880768	17268304	10.336	10.515
7)	B delta-BHC	4.723	5.114	135.1E6	23003183	8.927	8.226m
8)	B Heptachlo...	5.267	5.926	150.0E6	27693350	10.495	10.865m
9)	A Endosulfan I	5.610	6.285	127.4E6	32203395	9.644	13.002m#
10)	B gamma-Chl...	5.496	6.161	163.5E6	41253500	11.224	15.543m#
11)	B alpha-Chl...	5.554	6.234	149.6E6	36134225	10.627	13.780m#
12)	B 4,4'-DDE	5.716	6.392	156.4E6	32918623	11.735	13.501
13)	MA Dieldrin	5.853	6.544	171.1E6	30997538	12.256	12.146
14)	MA Endrin	6.110	6.763	131.5E6	24864773	10.348m	11.587
15)	B Endosulfa...	6.385	6.974	125.8E6	27250757	10.716	11.495
16)	A 4,4'-DDD	6.234	6.885	98296455	24646971	10.234	12.965 #
17)	MA 4,4'-DDT	6.476	7.185	99722356	24769183	9.906	12.620 #
18)	B Endrin al...	6.553	7.098	109.0E6	23140558	11.194	11.990
19)	B Endosulfa...	6.774	7.322	252.1E6	26033869	25.066	12.465 #
20)	A Methoxychlor	7.021	7.645	45070643	13313624	9.352	12.336 #
21)	B Endrin ke...	7.261	7.797	105.3E6	27383341	10.049	12.296
22)	Mirex	7.452	8.254	76830059	20119416	10.087	12.134

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123119\
Data File : PL055412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Dec 2019 10:49
Operator : SG\AJ
Sample : K6447-01MS 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

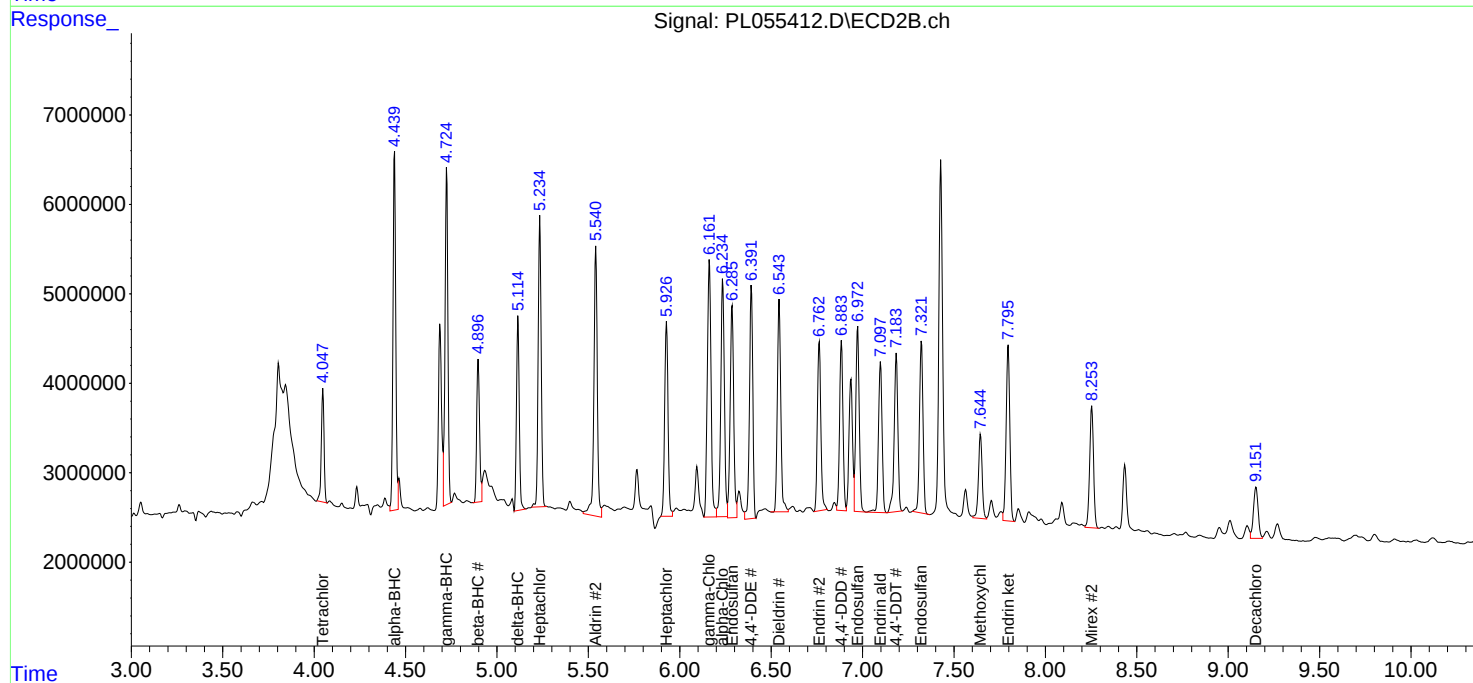
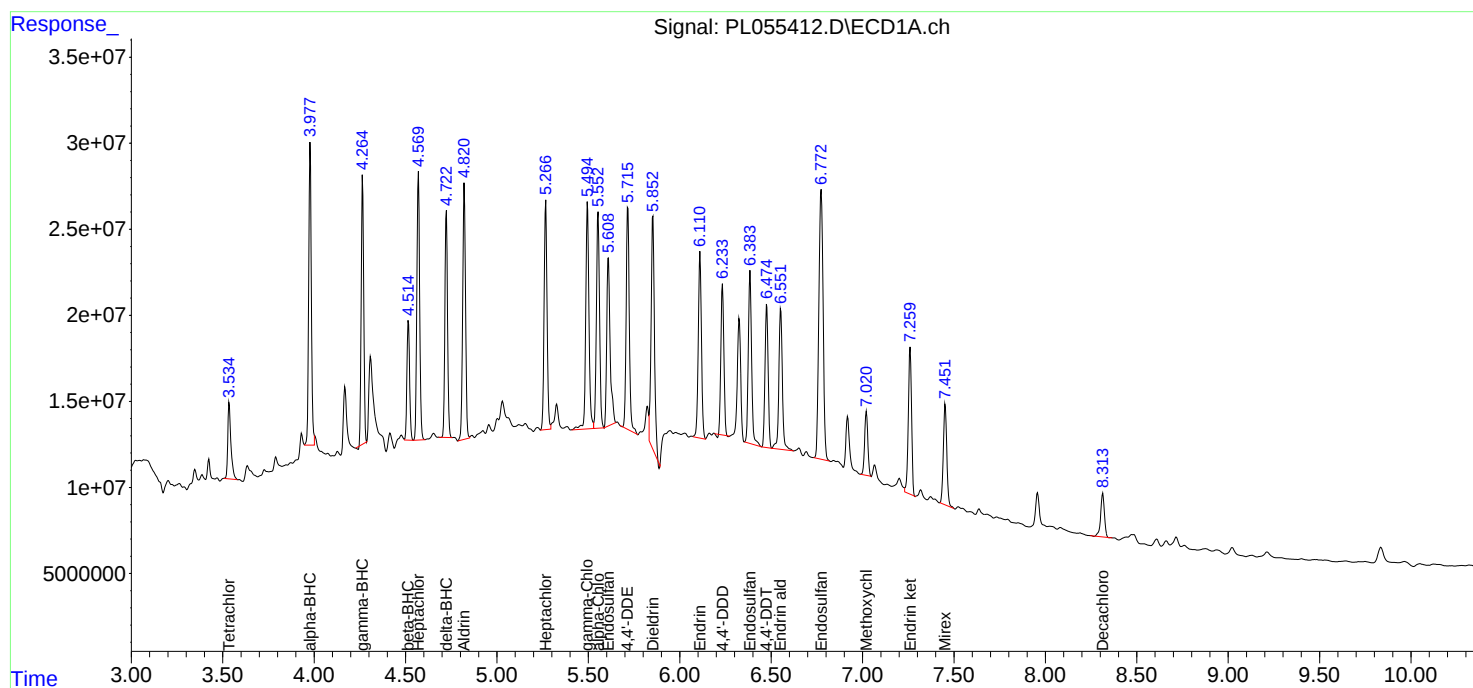
Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

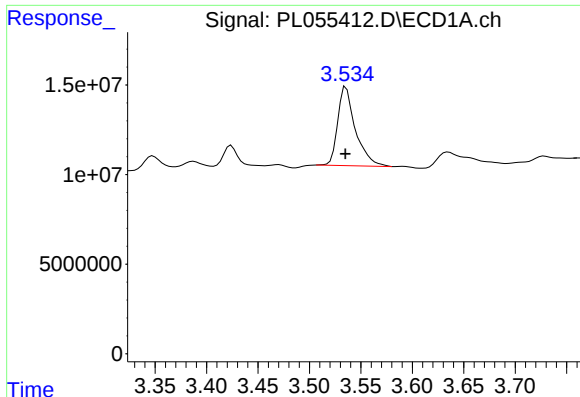
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 01 00:38:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
Quant Title : GC Extractables
QLast Update : Sat Dec 21 05:21:06 2019
Response 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





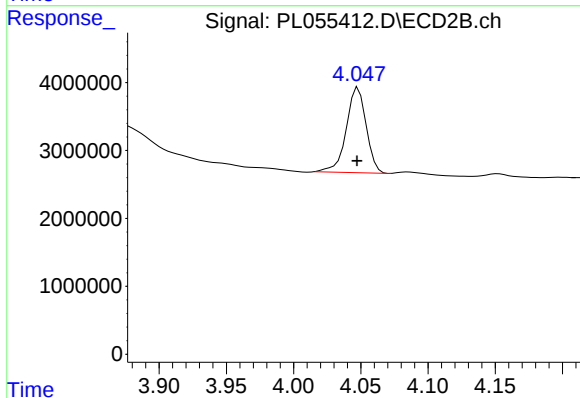
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 52607790
Conc: 5.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

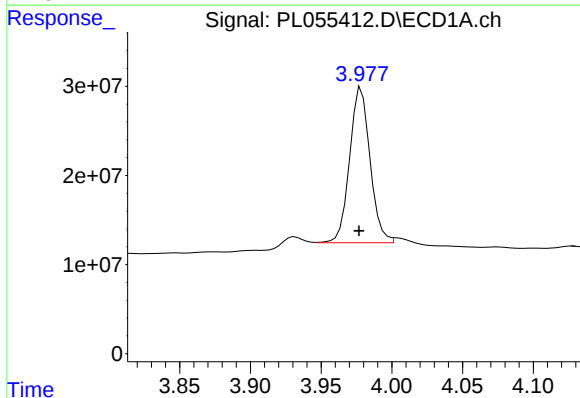
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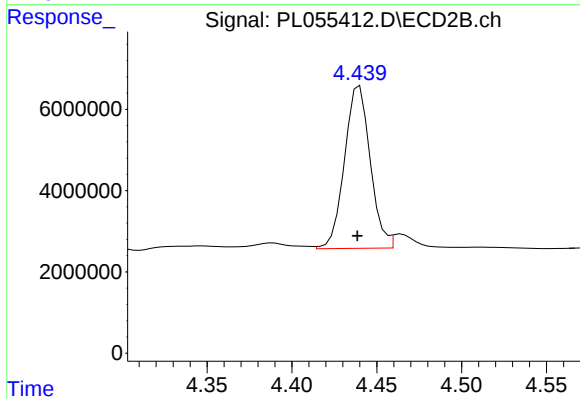
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 12910939
Conc: 4.89 ng/ml



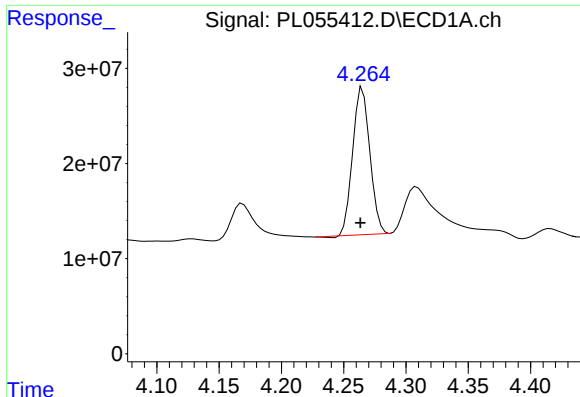
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 175972911
Conc: 10.11 ng/ml m



#2 alpha-BHC

R.T.: 4.440 min
Delta R.T.: 0.001 min
Response: 42098980
Conc: 11.43 ng/ml



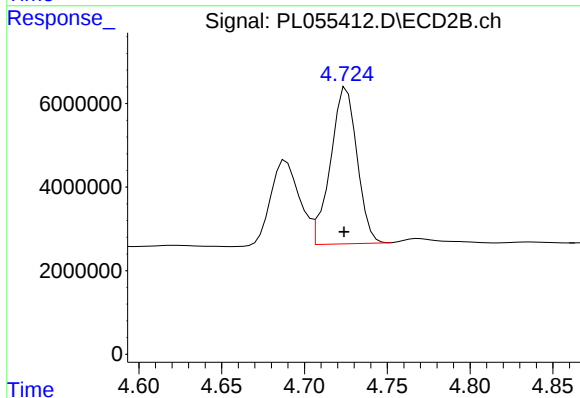
#3 gamma-BHC (Lindane)

R.T.: 4.265 min
Delta R.T.: 0.002 min
Response: 148939589
Conc: 9.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

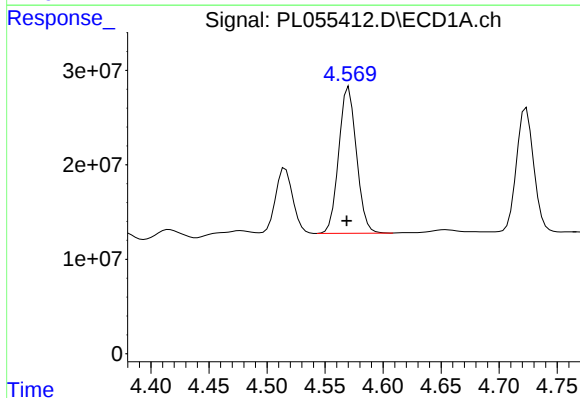
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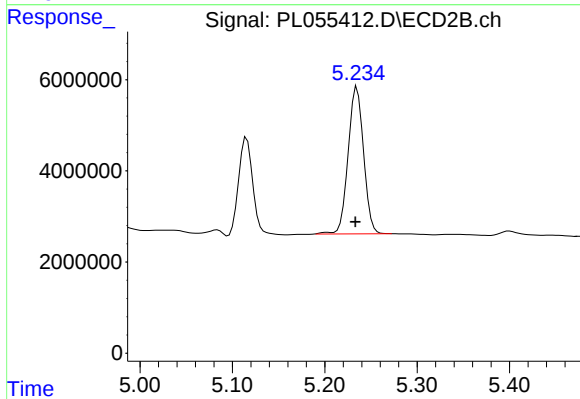
#3 gamma-BHC (Lindane)

R.T.: 4.726 min
Delta R.T.: 0.002 min
Response: 41781410
Conc: 12.22 ng/ml



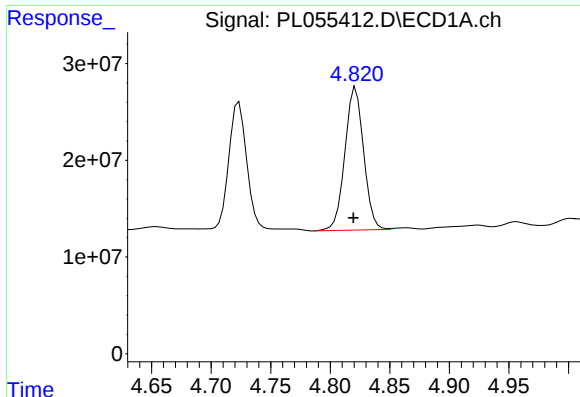
#4 Heptachlor

R.T.: 4.571 min
Delta R.T.: 0.002 min
Response: 164961677
Conc: 10.10 ng/ml



#4 Heptachlor

R.T.: 5.235 min
Delta R.T.: 0.002 min
Response: 37489065
Conc: 11.92 ng/ml



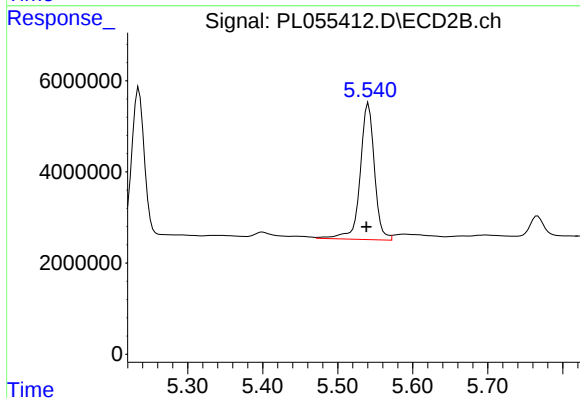
#5 Aldrin

R.T.: 4.821 min
Delta R.T.: 0.002 min
Response: 161490877
Conc: 10.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

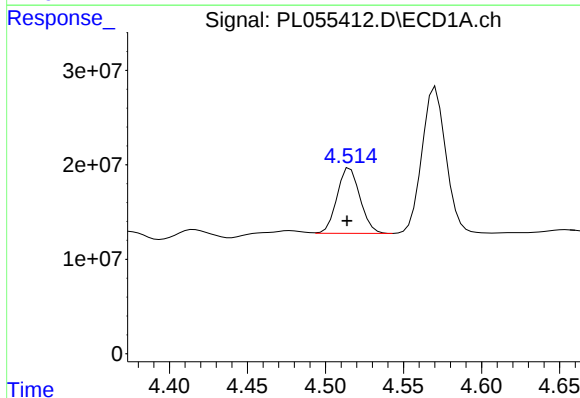
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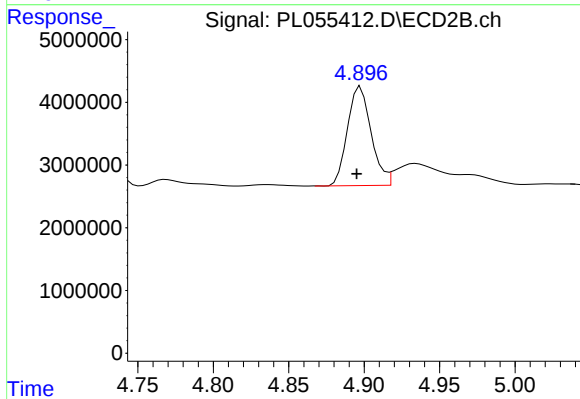
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: 0.003 min
Response: 39665521
Conc: 13.78 ng/ml



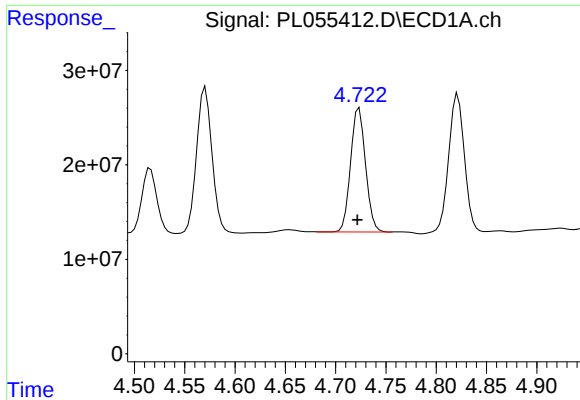
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 70880768
Conc: 10.34 ng/ml



#6 beta-BHC

R.T.: 4.898 min
Delta R.T.: 0.003 min
Response: 17268304
Conc: 10.52 ng/ml



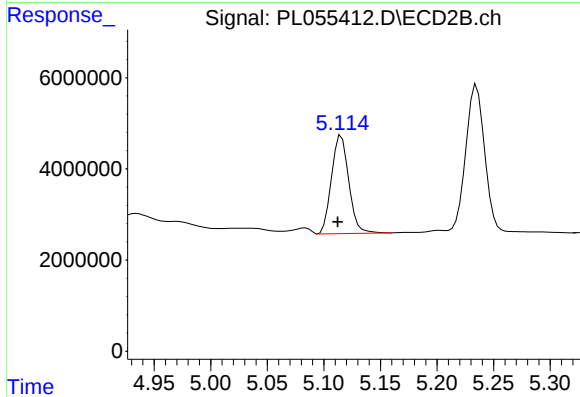
#7 delta-BHC

R.T.: 4.723 min
Delta R.T.: 0.002 min
Response: 135125140
Conc: 8.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

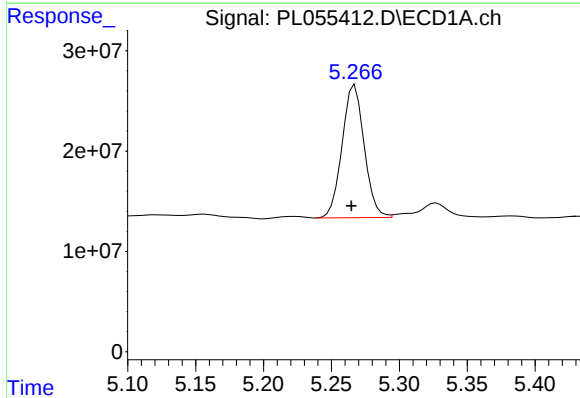
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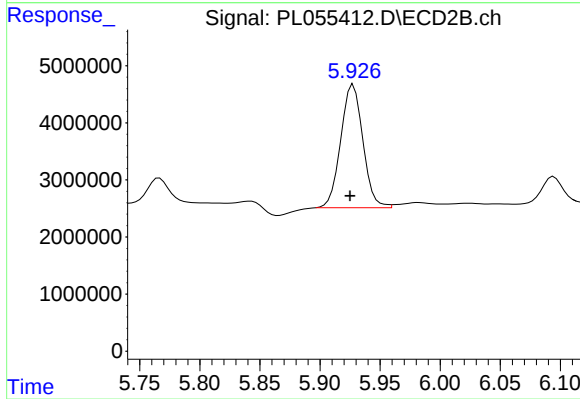
#7 delta-BHC

R.T.: 5.114 min
Delta R.T.: 0.002 min
Response: 23003183
Conc: 8.23 ng/ml m



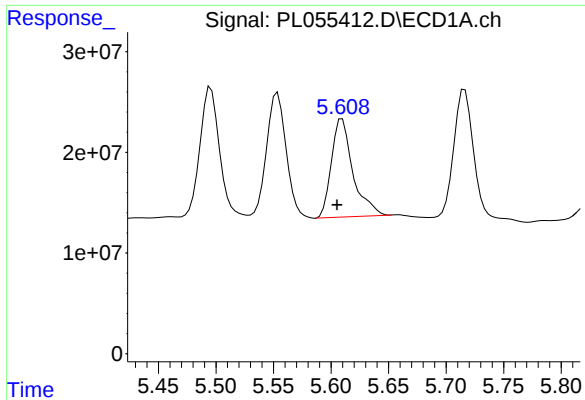
#8 Heptachlor epoxide

R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 149968436
Conc: 10.50 ng/ml



#8 Heptachlor epoxide

R.T.: 5.926 min
Delta R.T.: 0.001 min
Response: 27693350
Conc: 10.87 ng/ml m



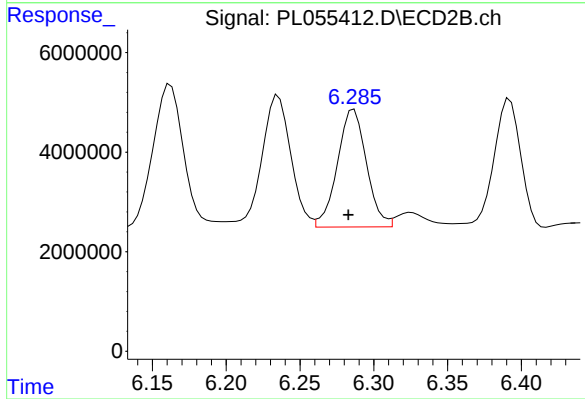
#9 Endosulfan I

R.T.: 5.610 min
Delta R.T.: 0.004 min
Response: 127425199
Conc: 9.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

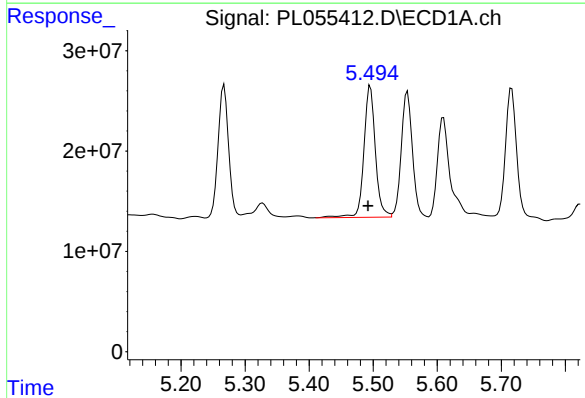
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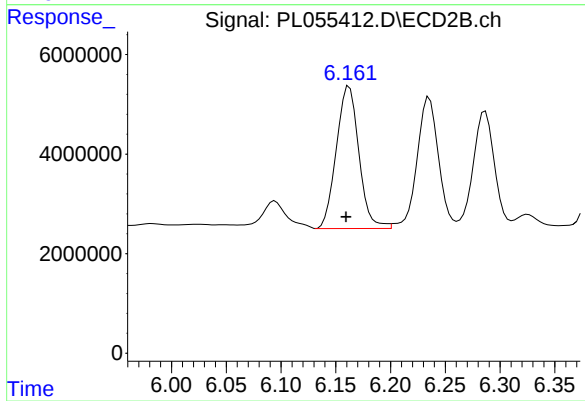
#9 Endosulfan I

R.T.: 6.285 min
Delta R.T.: 0.002 min
Response: 32203395
Conc: 13.00 ng/ml m



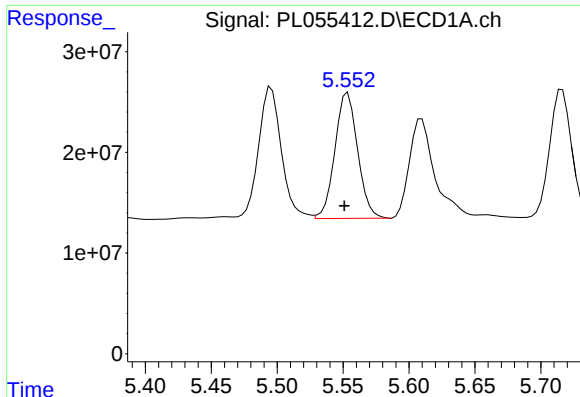
#10 gamma-Chlordane

R.T.: 5.496 min
Delta R.T.: 0.004 min
Response: 163526570
Conc: 11.22 ng/ml



#10 gamma-Chlordane

R.T.: 6.161 min
Delta R.T.: 0.002 min
Response: 41253500
Conc: 15.54 ng/ml m



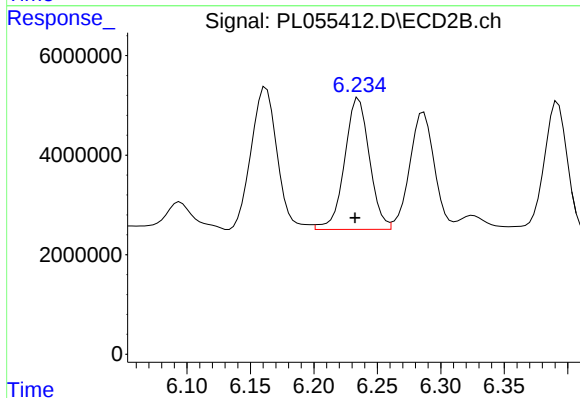
#11 alpha-Chlordane

R.T.: 5.554 min
Delta R.T.: 0.003 min
Response: 149620528
Conc: 10.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

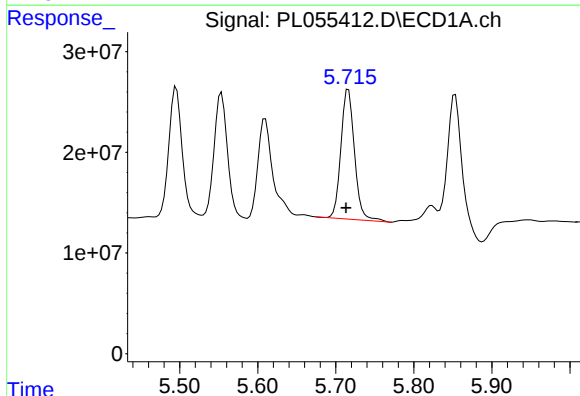
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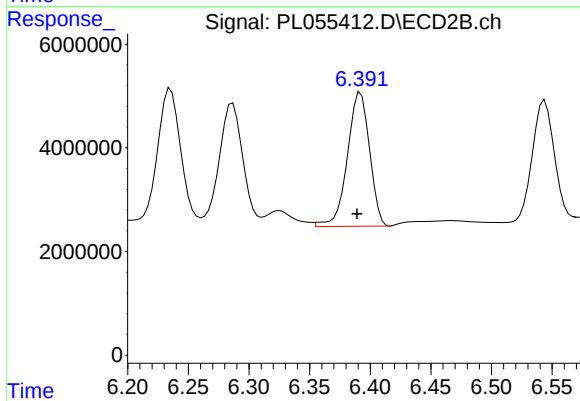
#11 alpha-Chlordane

R.T.: 6.234 min
Delta R.T.: 0.001 min
Response: 36134225
Conc: 13.78 ng/ml m



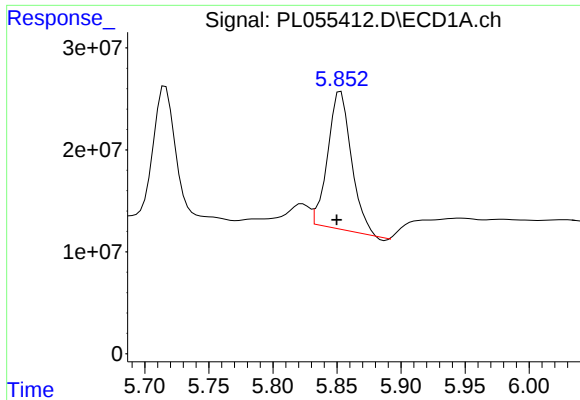
#12 4,4'-DDE

R.T.: 5.716 min
Delta R.T.: 0.003 min
Response: 156387275
Conc: 11.74 ng/ml



#12 4,4'-DDE

R.T.: 6.392 min
Delta R.T.: 0.003 min
Response: 32918623
Conc: 13.50 ng/ml



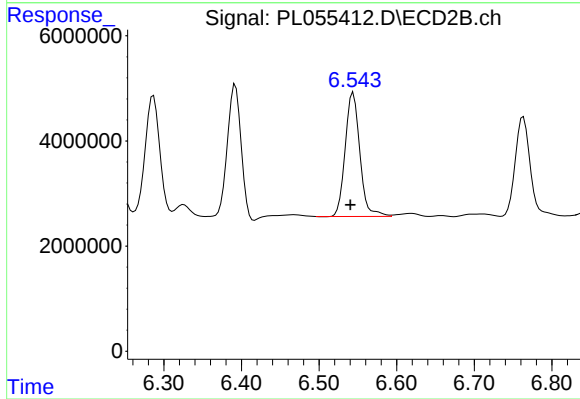
#13 Dieldrin

R.T.: 5.853 min
Delta R.T.: 0.003 min
Response: 171097293
Conc: 12.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

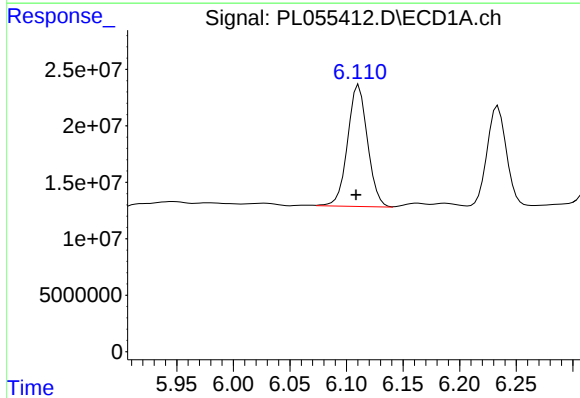
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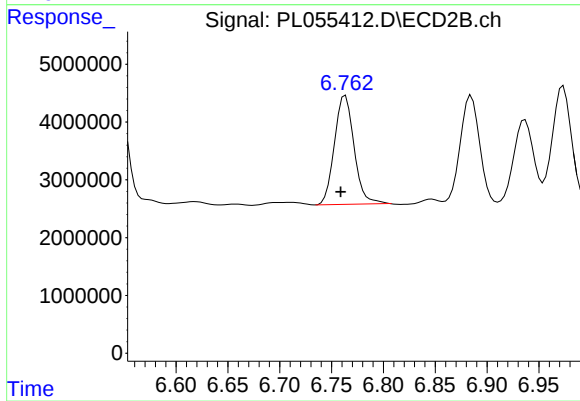
#13 Dieldrin

R.T.: 6.544 min
Delta R.T.: 0.004 min
Response: 30997538
Conc: 12.15 ng/ml



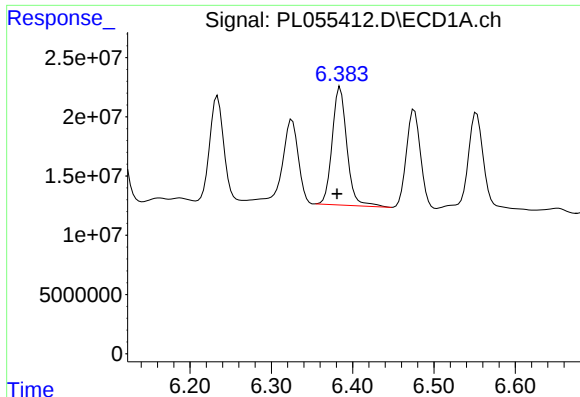
#14 Endrin

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 131514494
Conc: 10.35 ng/ml m



#14 Endrin

R.T.: 6.763 min
Delta R.T.: 0.005 min
Response: 24864773
Conc: 11.59 ng/ml



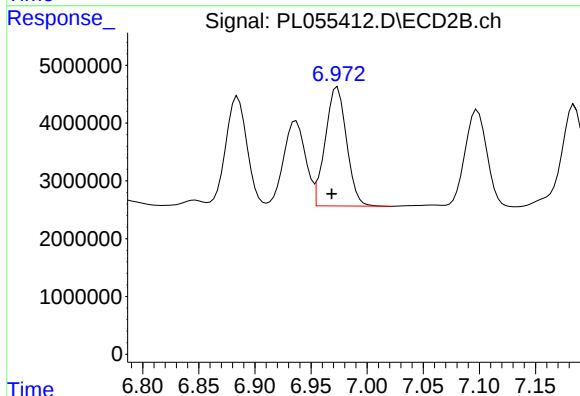
#15 Endosulfan II

R.T.: 6.385 min
Delta R.T.: 0.004 min
Response: 125774517
Conc: 10.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

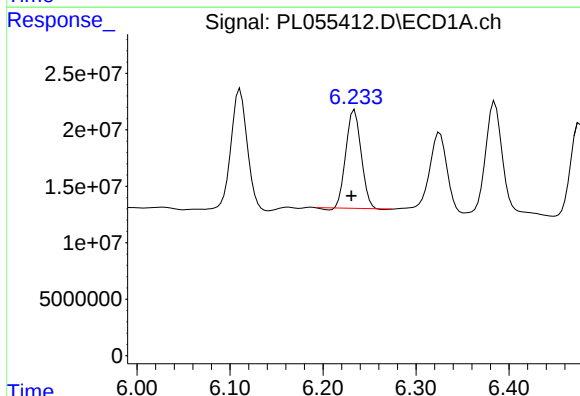
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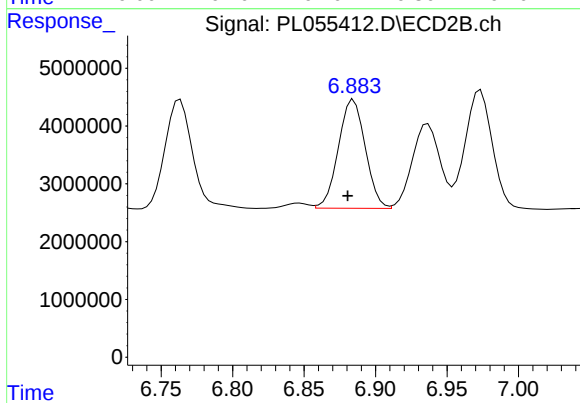
#15 Endosulfan II

R.T.: 6.974 min
Delta R.T.: 0.005 min
Response: 27250757
Conc: 11.49 ng/ml



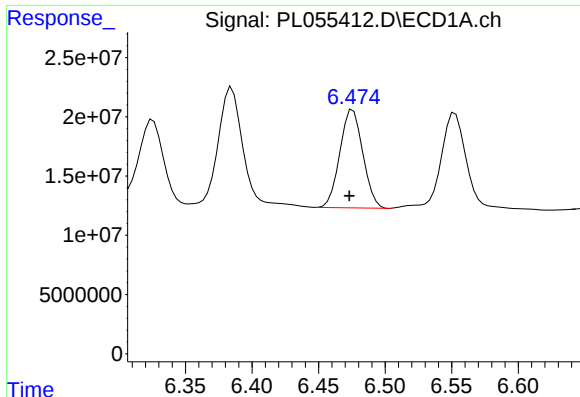
#16 4,4'-DDD

R.T.: 6.234 min
Delta R.T.: 0.003 min
Response: 98296455
Conc: 10.23 ng/ml



#16 4,4'-DDD

R.T.: 6.885 min
Delta R.T.: 0.004 min
Response: 24646971
Conc: 12.96 ng/ml



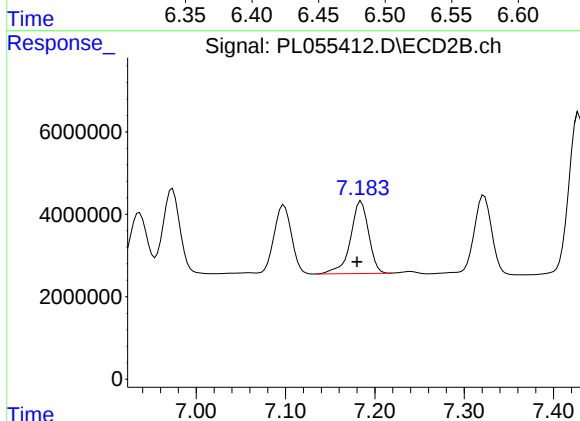
#17 4,4'-DDT

R.T.: 6.476 min
Delta R.T.: 0.003 min
Response: 99722356
Conc: 9.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

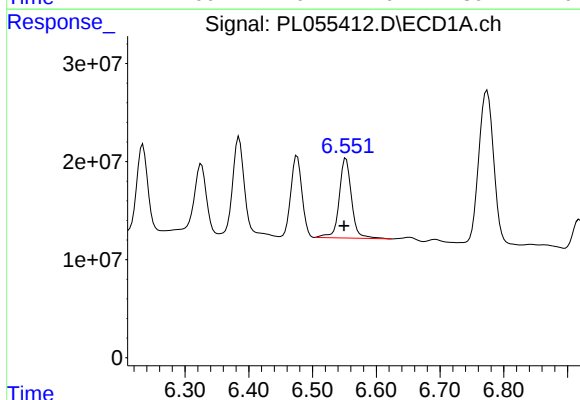
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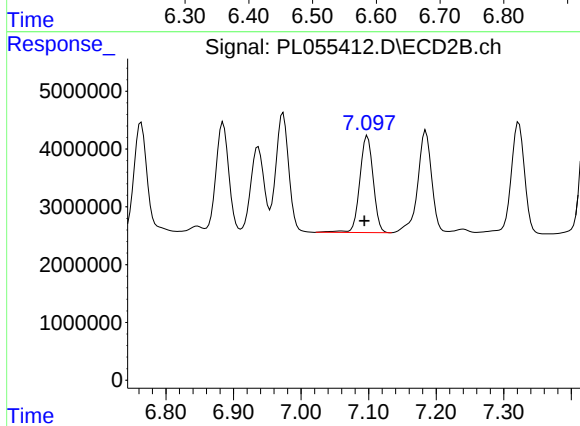
#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: 0.005 min
Response: 24769183
Conc: 12.62 ng/ml



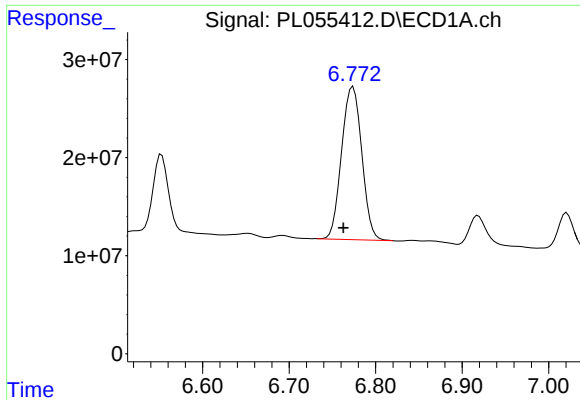
#18 Endrin aldehyde

R.T.: 6.553 min
Delta R.T.: 0.003 min
Response: 109020548
Conc: 11.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.098 min
Delta R.T.: 0.005 min
Response: 23140558
Conc: 11.99 ng/ml



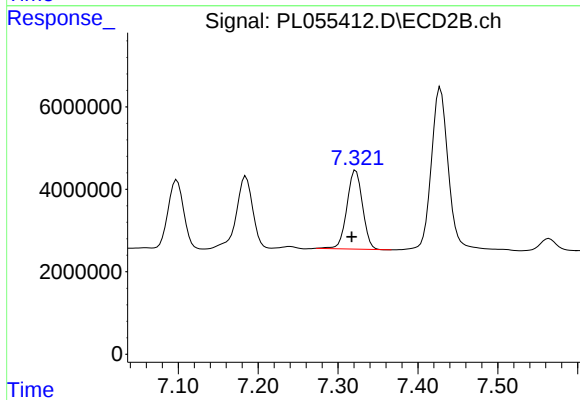
#19 Endosulfan Sulfate

R.T.: 6.774 min
Delta R.T.: 0.011 min
Response: 252130704
Conc: 25.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

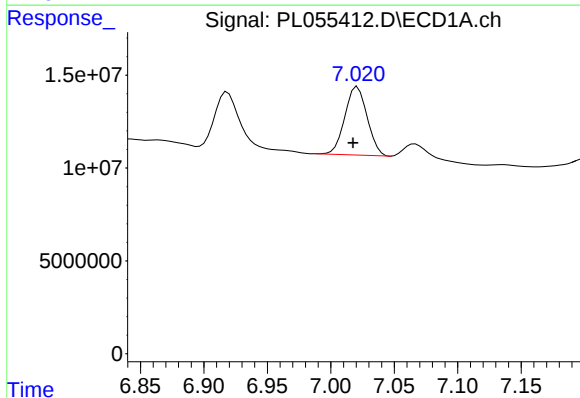
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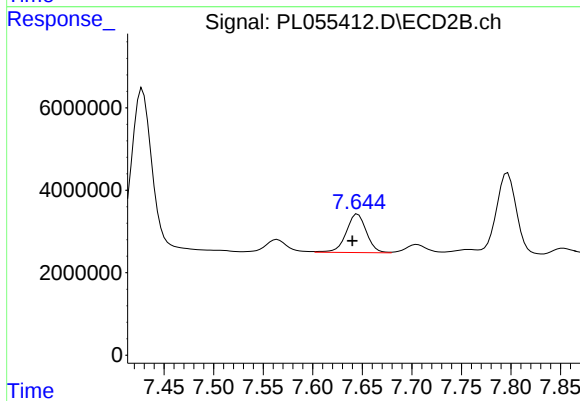
#19 Endosulfan Sulfate

R.T.: 7.322 min
Delta R.T.: 0.005 min
Response: 26033869
Conc: 12.46 ng/ml



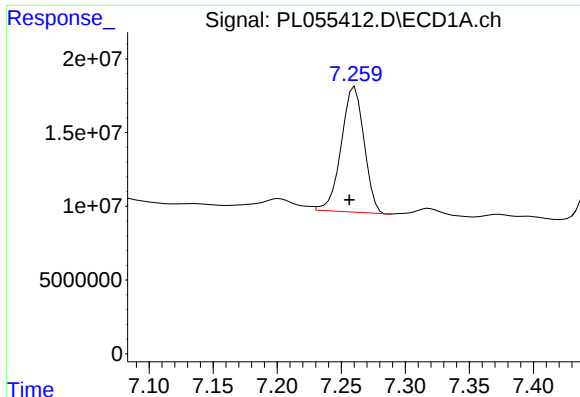
#20 Methoxychlor

R.T.: 7.021 min
Delta R.T.: 0.004 min
Response: 45070643
Conc: 9.35 ng/ml



#20 Methoxychlor

R.T.: 7.645 min
Delta R.T.: 0.005 min
Response: 13313624
Conc: 12.34 ng/ml



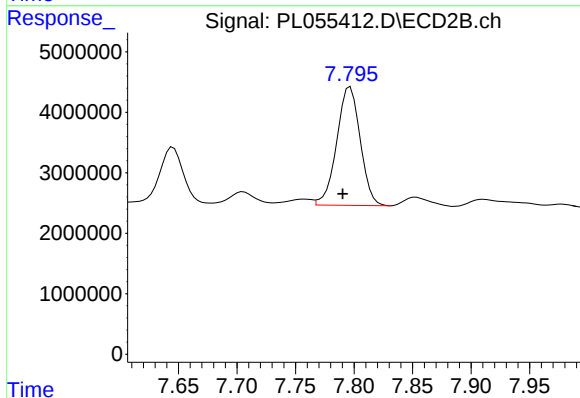
#21 Endrin ketone

R.T.: 7.261 min
Delta R.T.: 0.004 min
Response: 105329084
Conc: 10.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

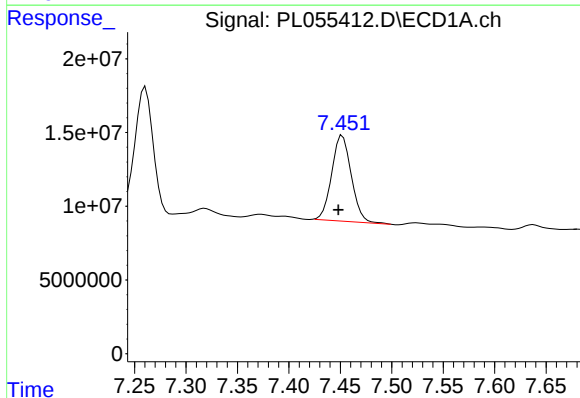
Manual Integrations
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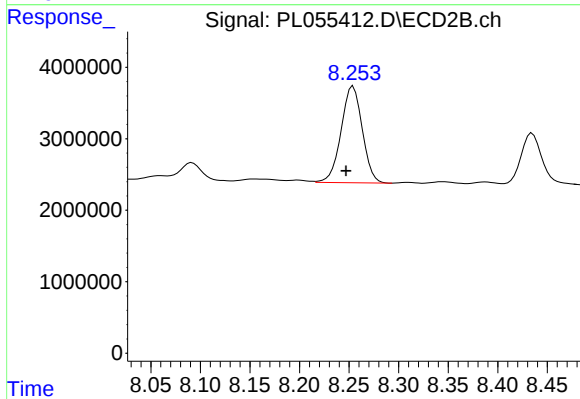
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.006 min
Response: 27383341
Conc: 12.30 ng/ml



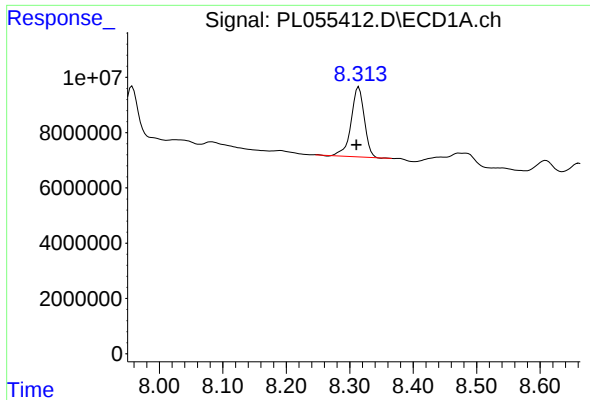
#22 Mirex

R.T.: 7.452 min
Delta R.T.: 0.004 min
Response: 76830059
Conc: 10.09 ng/ml



#22 Mirex

R.T.: 8.254 min
Delta R.T.: 0.007 min
Response: 20119416
Conc: 12.13 ng/ml



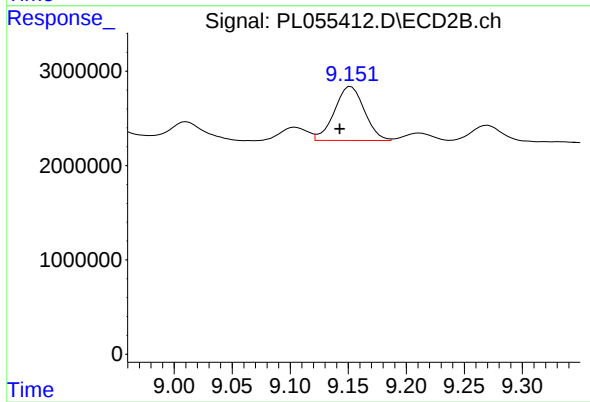
#28 Decachlorobiphenyl

R.T.: 8.314 min
Delta R.T.: 0.004 min
Response: 36587784
Conc: 3.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MS

Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:04 PM



#28 Decachlorobiphenyl

R.T.: 9.151 min
Delta R.T.: 0.008 min
Response: 10308775
Conc: 4.67 ng/ml m