

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020720\
 Data File : PL056412.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2020 01:36
 Operator : AJ\MA
 Sample : L1446-03MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HP-640MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 02:24:24 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	4.017	517.9E6	26186632	49.446m	8.956 #
28)	SA Decachlor...	8.250	9.094	203.3E6	33515013	19.310	14.817
Target Compounds							
2)	A alpha-BHC	3.937	4.406	108.3E6	168.1E6	6.075	38.395 #
3)	MA gamma-BHC...	4.221	4.691	310.3E6	20513765	18.953	5.002m#
4)	MA Heptachlor	4.523	5.201	113.8E6	107.8E6	7.089	30.126 #
5)	MB Aldrin	4.770	5.512	98645828	14099733	6.064	4.012 #
6)	B beta-BHC	4.478	4.861	377.1E6	16095428	57.246m	9.818m#
7)	B delta-BHC	4.675	5.078	47856788	17201564	2.985m	5.364m#
8)	B Heptachlor...	5.213	5.891	138.0E6	13571158	8.973m	4.360m#
9)	A Endosulfan I	5.550	6.251	125.3E6	24386794	8.632	8.149
10)	B gamma-Chl...	5.441	6.128	199.2E6	65818726	12.700	20.697 #
11)	B alpha-Chl...	5.487	6.199	344.5E6	43735048	22.393m	13.798 #
12)	B 4,4'-DDE	5.662	6.351	147.1E6	18015195	10.150	6.014m#
13)	MA Dieldrin	5.795	6.498	122.6E6	35100400	7.970m	11.308 #
14)	MA Endrin	6.054	6.727	165.8E6	22329428	11.801	8.520m#
15)	B Endosulfa...	6.335	6.950f	10656.0E6	1721.9E6	814.777	639.626m
16)	A 4,4'-DDD	6.184	6.848	74743006	18836646	6.953m	7.983m
17)	MA 4,4'-DDT	6.418	7.146	70551528	19658850	6.456m	8.563 #
18)	B Endrin al...	6.498	7.061	115.3E6	32649040	10.538m	14.381 #
19)	B Endosulfa...	6.715	7.280	311.0E6	87785722	25.584	34.688 #
20)	A Methoxychlor	6.967	7.606	486.5E6	17493473	91.584	14.268m#
21)	B Endrin ke...	7.199	7.758	94723127	33770940	7.239	12.663 #
22)	Mirex	7.394	8.208	68664317	46898550	7.432m	25.799 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020720\
Data File : PL056412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2020 01:36
Operator : AJ\MA
Sample : L1446-03MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

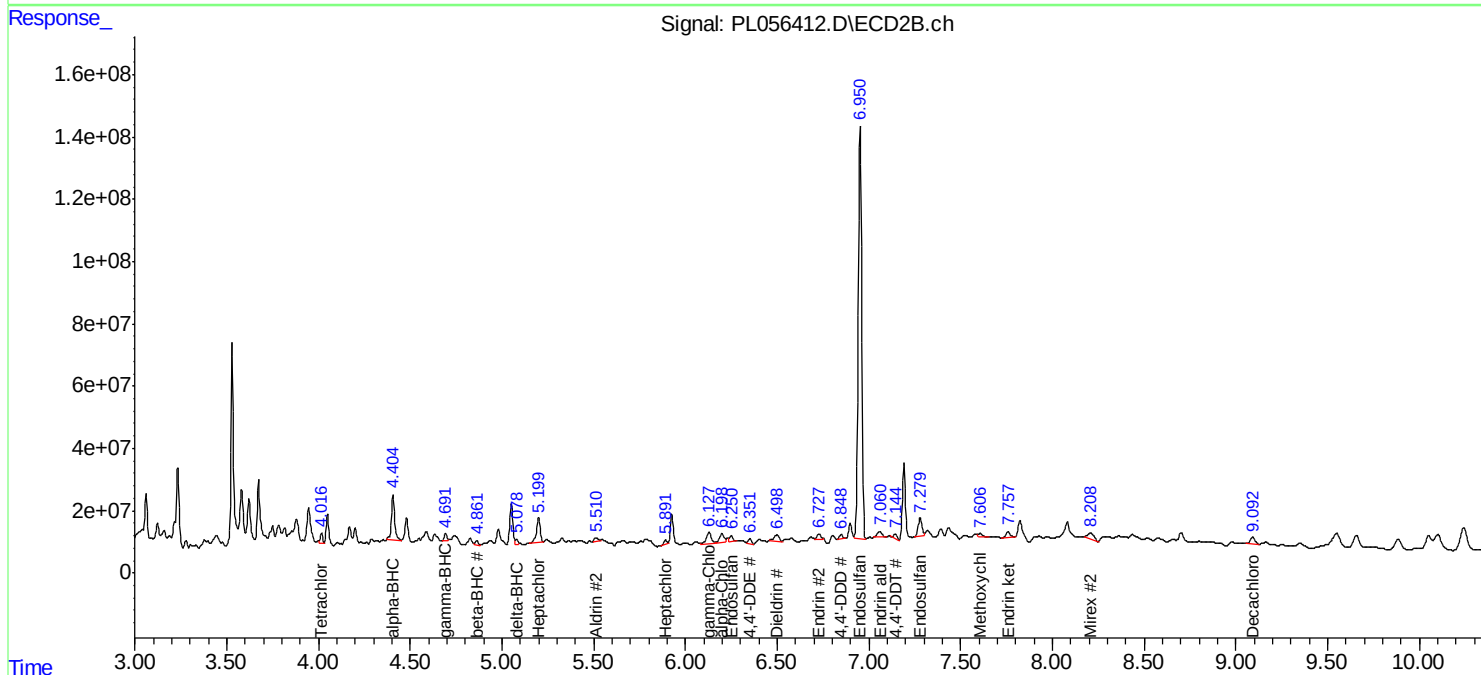
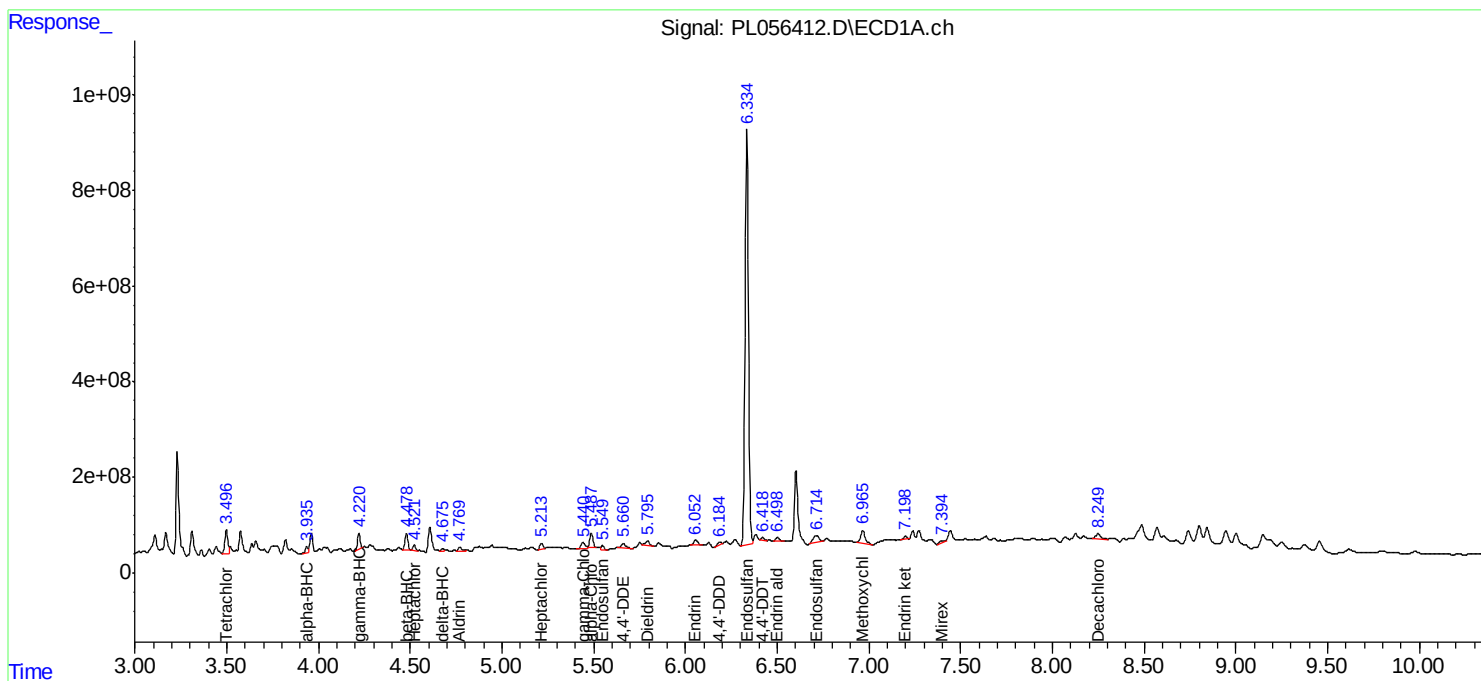
Instrument :
ECD_L
ClientSampled :
HP-640MSD

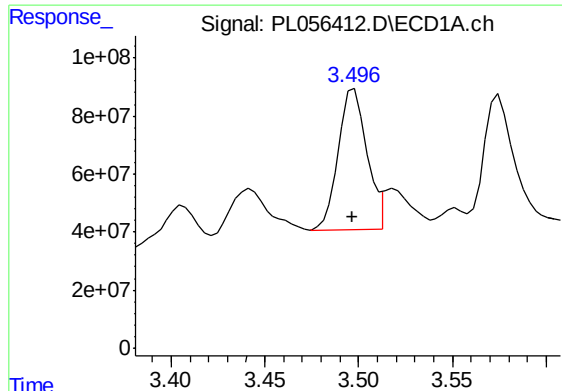
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 02:24:24 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
Quant Title : GC Extractables
QLast Update : Tue Jan 28 13:10:37 2020
Response 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





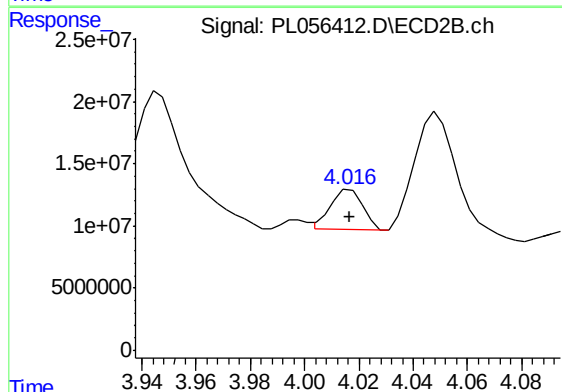
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 517851506
Conc: 49.45 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

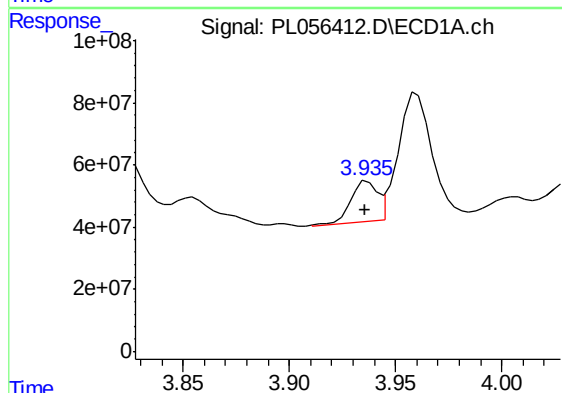
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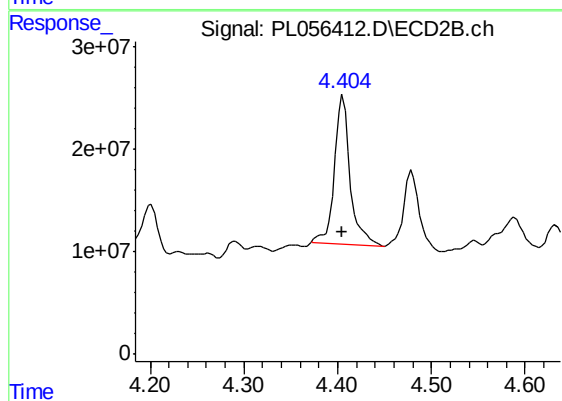
#1 Tetrachloro-m-xylene

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 26186632
Conc: 8.96 ng/ml



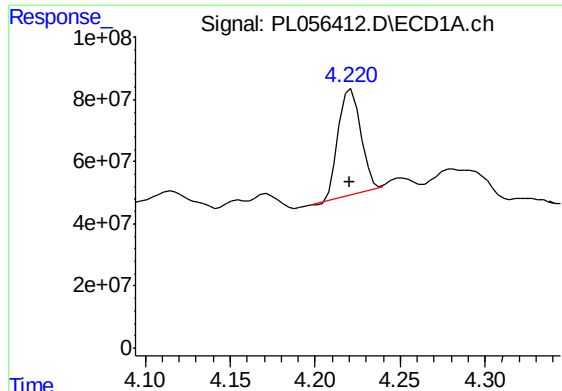
#2 alpha-BHC

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 108263940
Conc: 6.08 ng/ml



#2 alpha-BHC

R.T.: 4.406 min
Delta R.T.: 0.000 min
Response: 168061180
Conc: 38.39 ng/ml



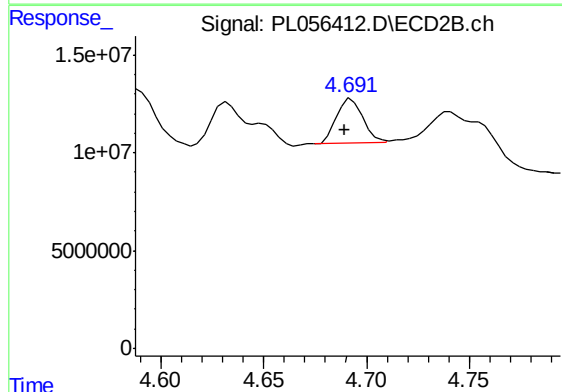
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 310336365
Conc: 18.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

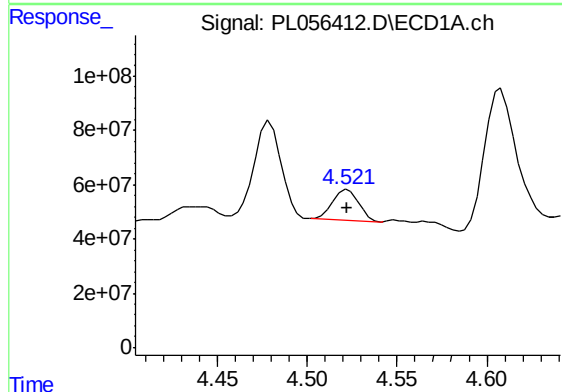
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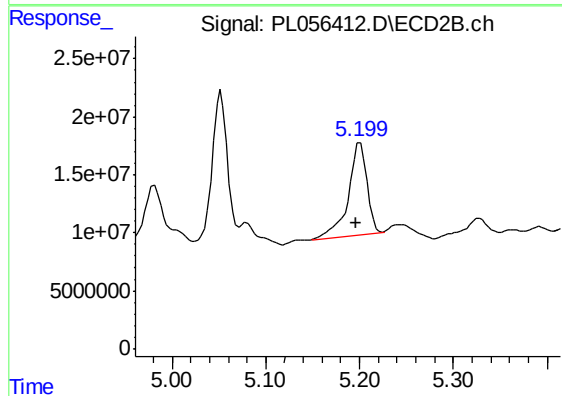
#3 gamma-BHC (Lindane)

R.T.: 4.691 min
Delta R.T.: 0.002 min
Response: 20513765
Conc: 5.00 ng/ml m



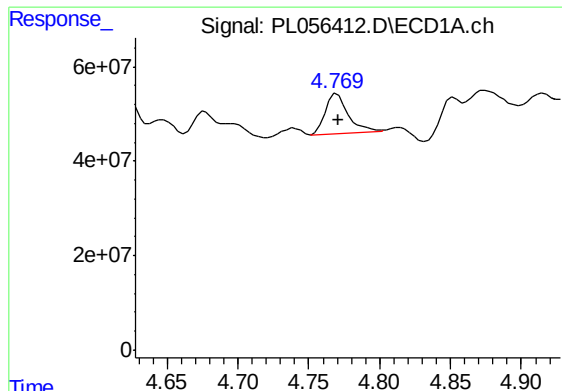
#4 Heptachlor

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 113803771
Conc: 7.09 ng/ml



#4 Heptachlor

R.T.: 5.201 min
Delta R.T.: 0.004 min
Response: 107781342
Conc: 30.13 ng/ml



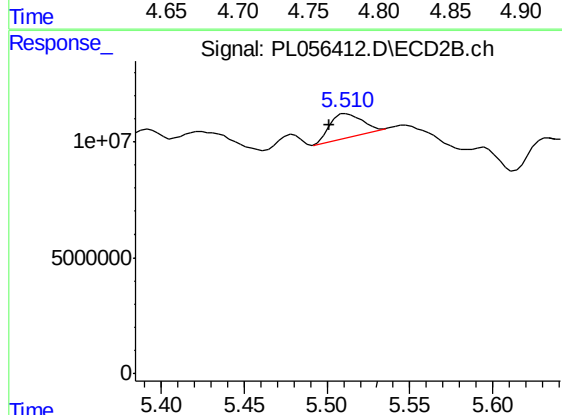
#5 Aldrin

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 98645828
Conc: 6.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

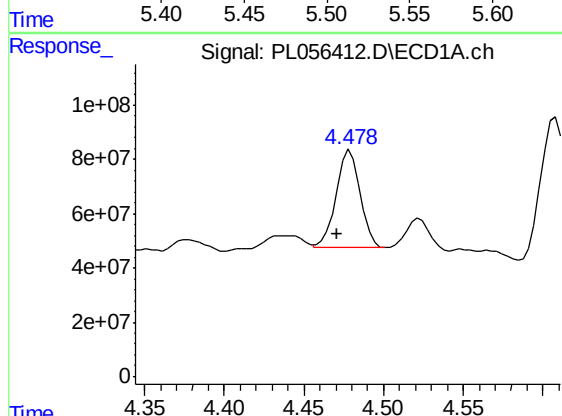
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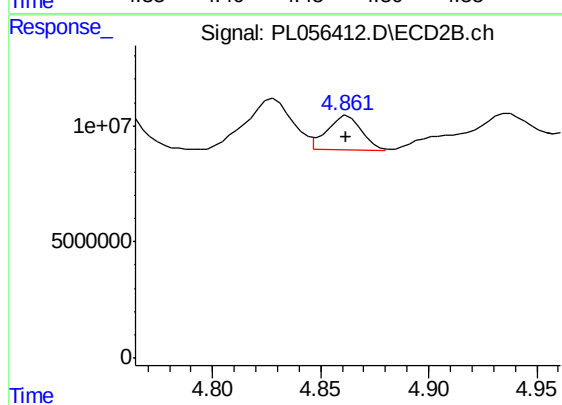
#5 Aldrin

R.T.: 5.512 min
Delta R.T.: 0.011 min
Response: 14099733
Conc: 4.01 ng/ml



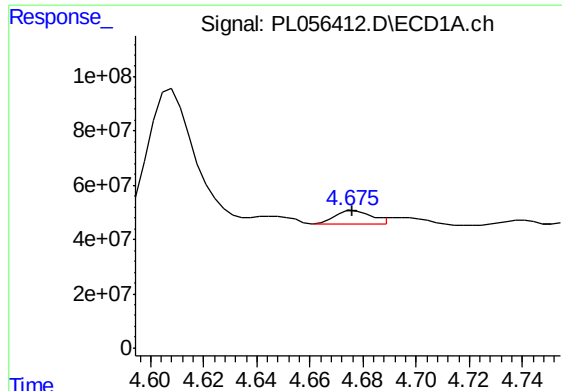
#6 beta-BHC

R.T.: 4.478 min
Delta R.T.: 0.007 min
Response: 377071771
Conc: 57.25 ng/ml m



#6 beta-BHC

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 16095428
Conc: 9.82 ng/ml m



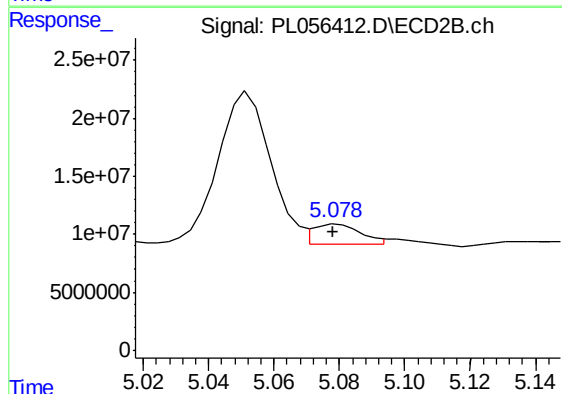
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 47856788
Conc: 2.99 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

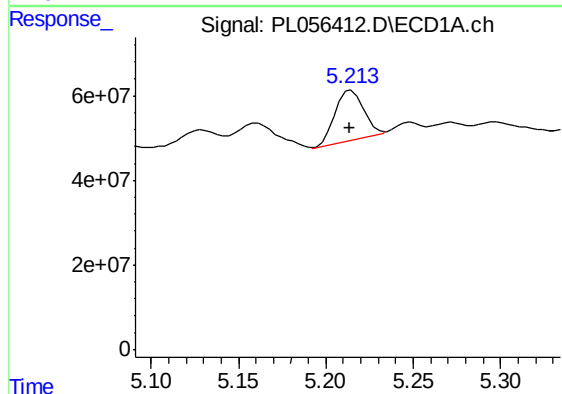
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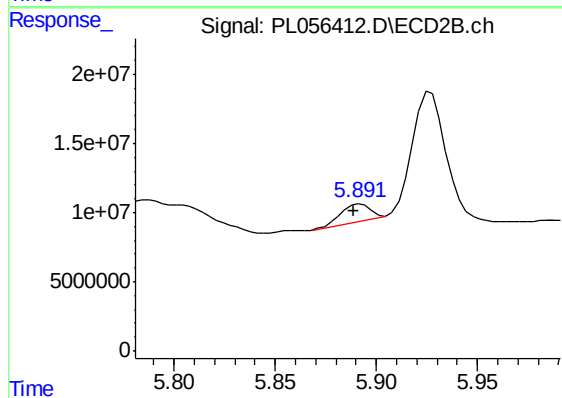
#7 delta-BHC

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 17201564
Conc: 5.36 ng/ml m



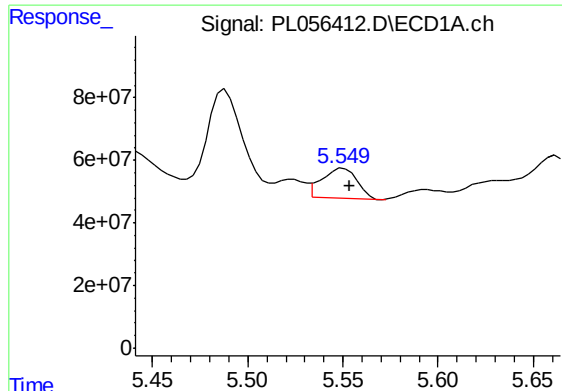
#8 Heptachlor epoxide

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 138013244
Conc: 8.97 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 13571158
Conc: 4.36 ng/ml m



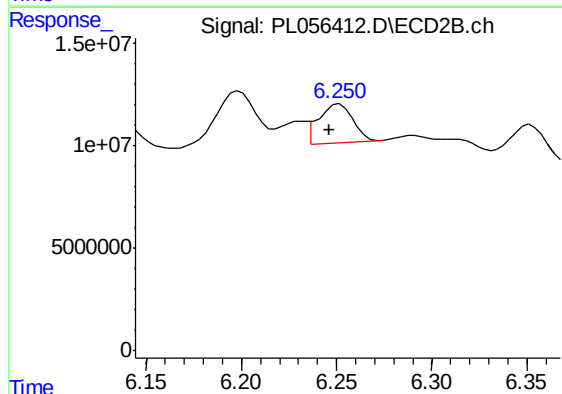
#9 Endosulfan I

R.T.: 5.550 min
Delta R.T.: -0.003 min
Response: 125258764
Conc: 8.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

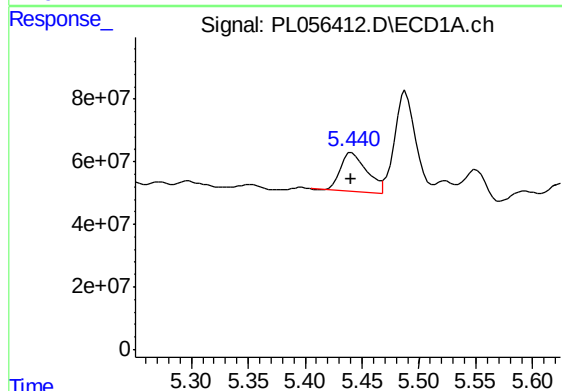
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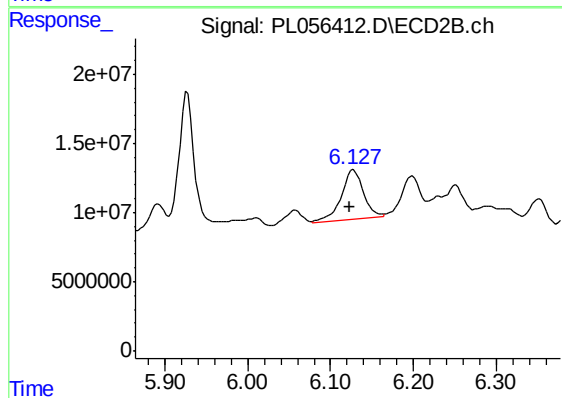
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.005 min
Response: 24386794
Conc: 8.15 ng/ml



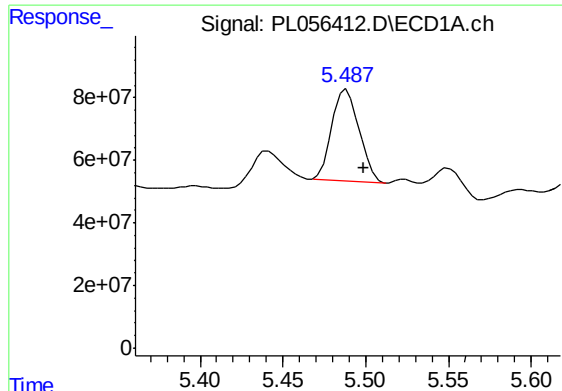
#10 gamma-Chlordane

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 199169196
Conc: 12.70 ng/ml



#10 gamma-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.004 min
Response: 65818726
Conc: 20.70 ng/ml



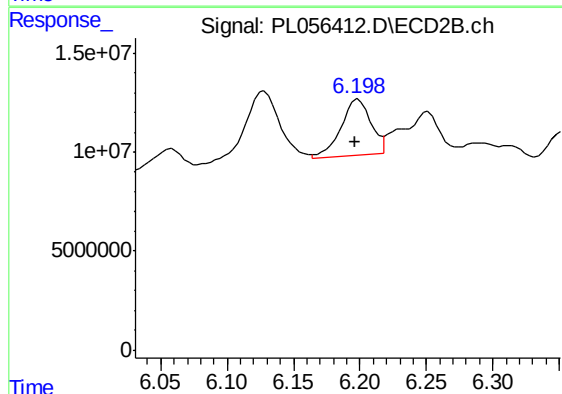
#11 alpha-Chlordane

R.T.: 5.487 min
Delta R.T.: -0.012 min
Response: 344467185
Conc: 22.39 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

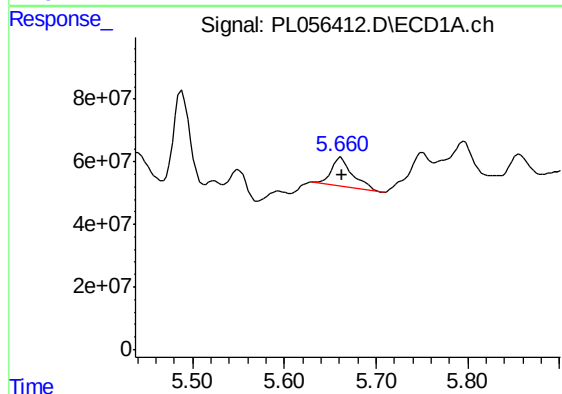
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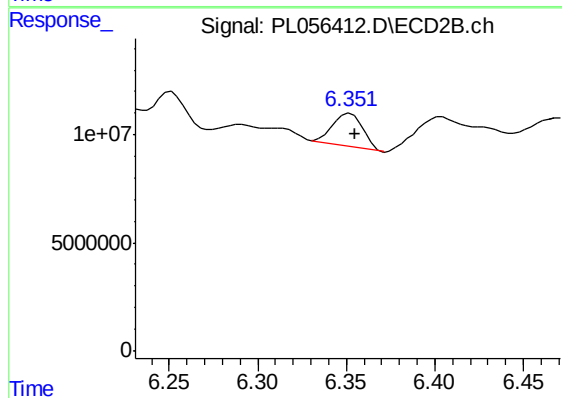
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 43735048
Conc: 13.80 ng/ml



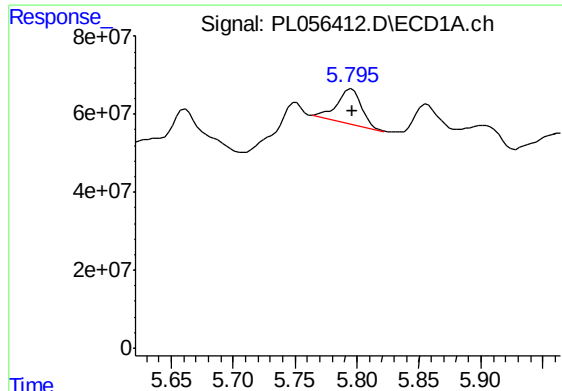
#12 4,4'-DDE

R.T.: 5.662 min
Delta R.T.: -0.001 min
Response: 147104790
Conc: 10.15 ng/ml



#12 4,4'-DDE

R.T.: 6.351 min
Delta R.T.: -0.004 min
Response: 18015195
Conc: 6.01 ng/ml m



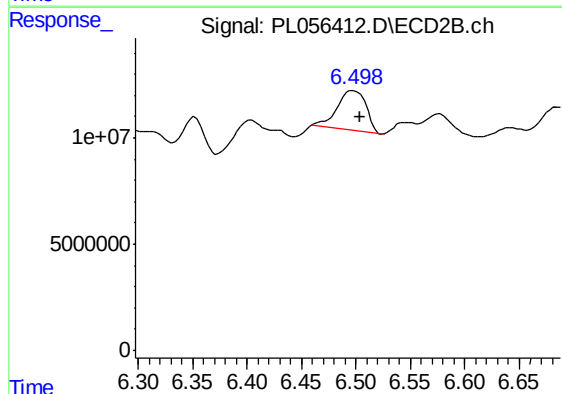
#13 Dieldrin

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 122582639
Conc: 7.97 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

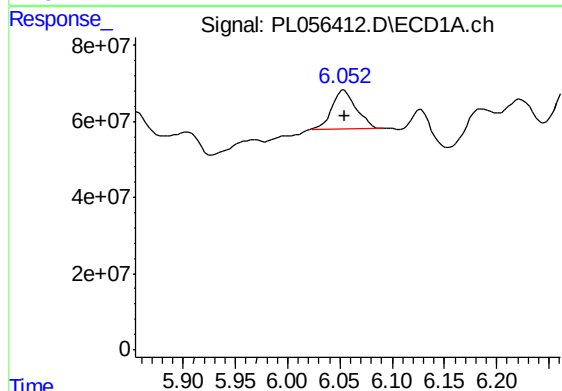
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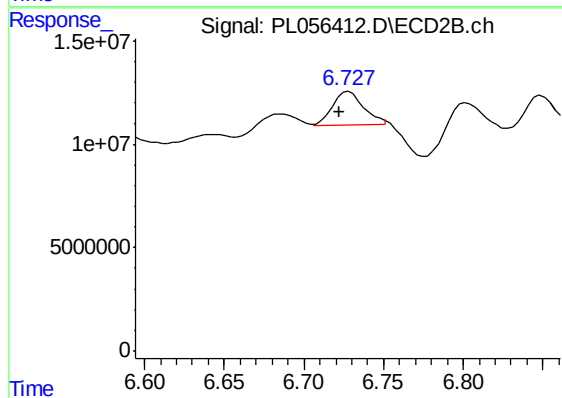
#13 Dieldrin

R.T.: 6.498 min
Delta R.T.: -0.006 min
Response: 35100400
Conc: 11.31 ng/ml



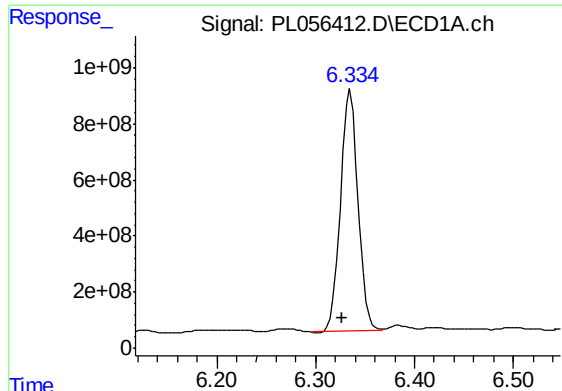
#14 Endrin

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 165829474
Conc: 11.80 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.004 min
Response: 22329428
Conc: 8.52 ng/ml m



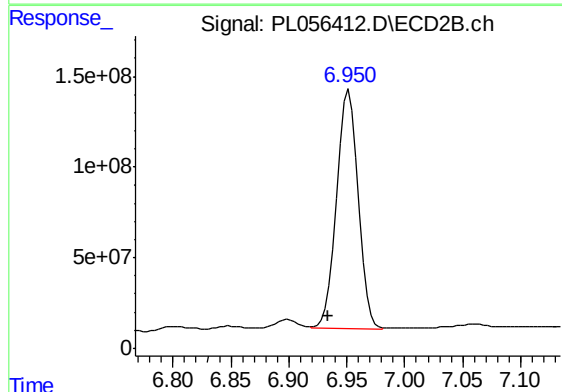
#15 Endosulfan II

R.T.: 6.335 min
Delta R.T.: 0.009 min
Response: 10656002008
Conc: 814.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

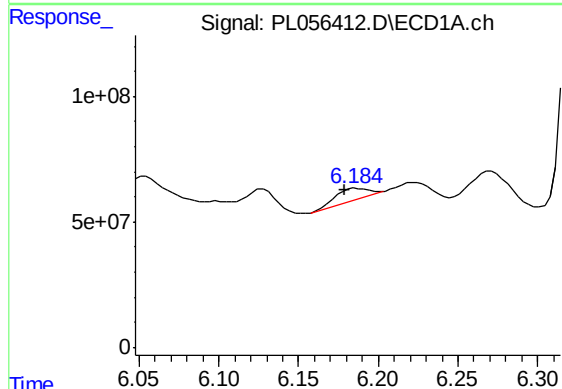
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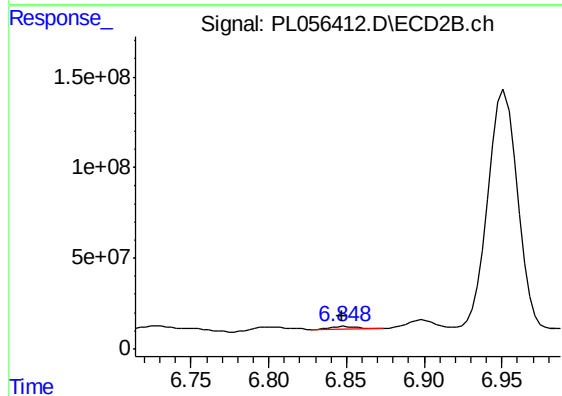
#15 Endosulfan II

R.T.: 6.950 min
Delta R.T.: 0.017 min
Response: 1721929164
Conc: 639.63 ng/ml m



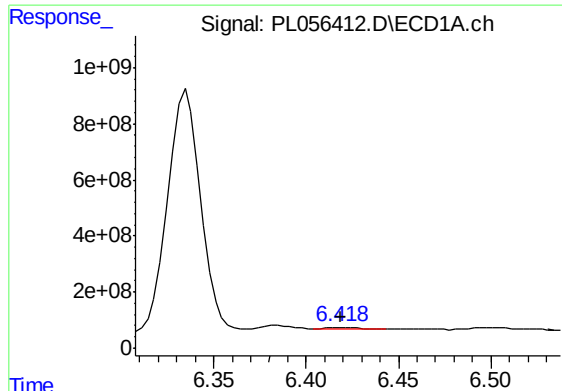
#16 4,4'-DDD

R.T.: 6.184 min
Delta R.T.: 0.005 min
Response: 74743006
Conc: 6.95 ng/ml m



#16 4,4'-DDD

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 18836646
Conc: 7.98 ng/ml m



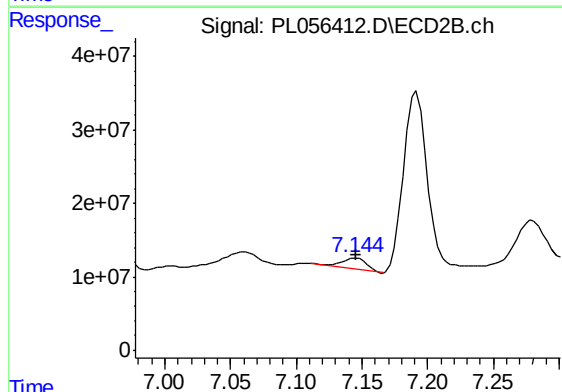
#17 4,4'-DDT

R.T.: 6.418 min
Delta R.T.: 0.000 min
Response: 70551528
Conc: 6.46 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

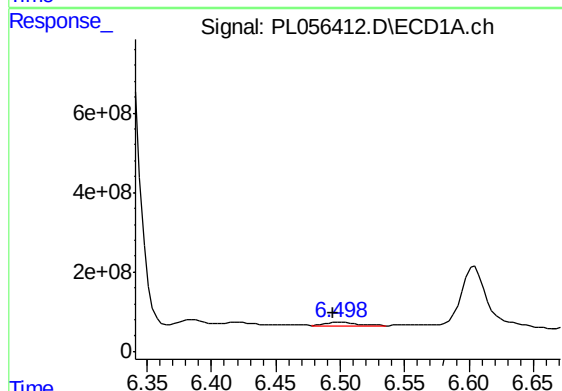
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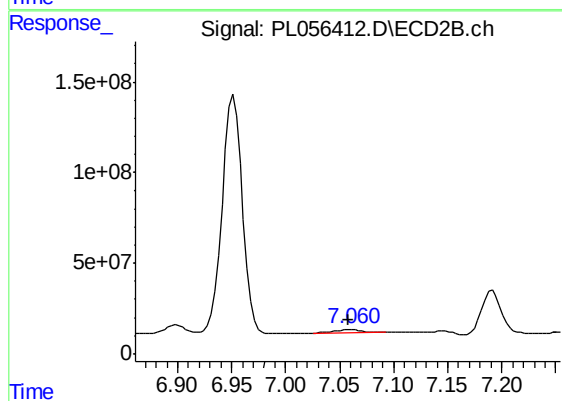
#17 4,4'-DDT

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 19658850
Conc: 8.56 ng/ml



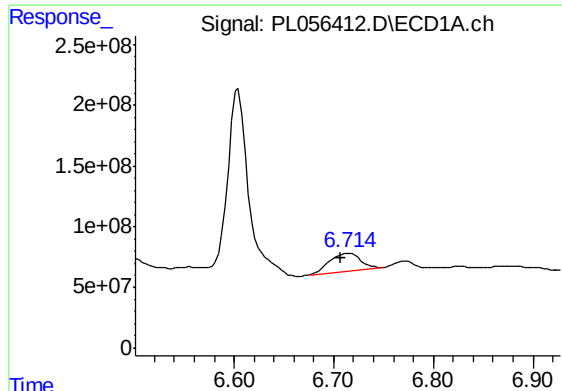
#18 Endrin aldehyde

R.T.: 6.498 min
Delta R.T.: 0.003 min
Response: 115288854
Conc: 10.54 ng/ml m



#18 Endrin aldehyde

R.T.: 7.061 min
Delta R.T.: 0.003 min
Response: 32649040
Conc: 14.38 ng/ml



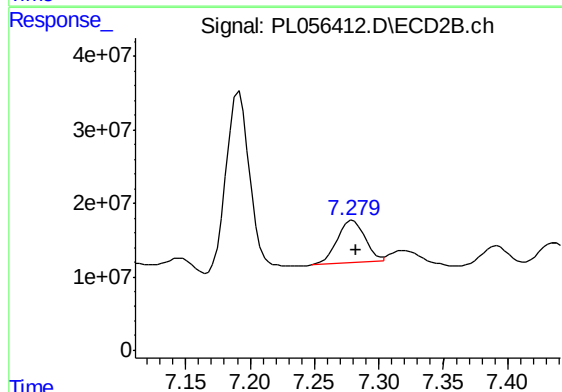
#19 Endosulfan Sulfate

R.T.: 6.715 min
Delta R.T.: 0.008 min
Response: 311044626
Conc: 25.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

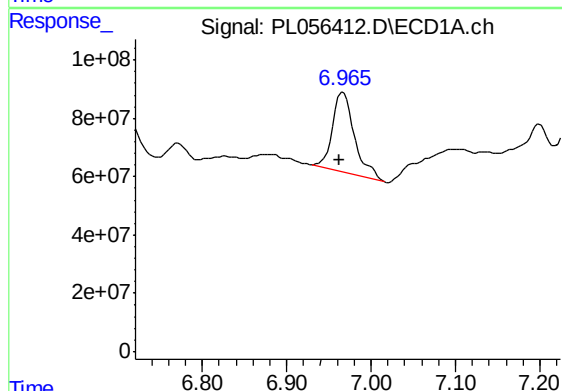
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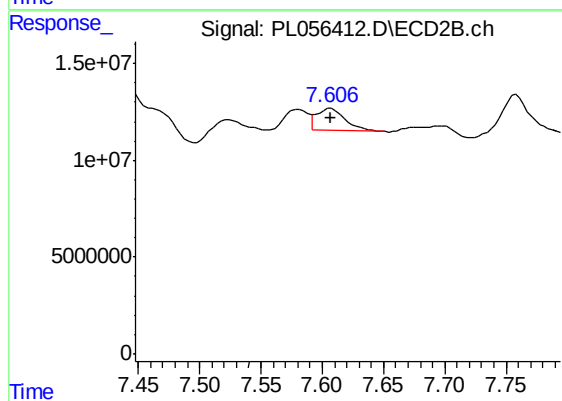
#19 Endosulfan Sulfate

R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 87785722
Conc: 34.69 ng/ml



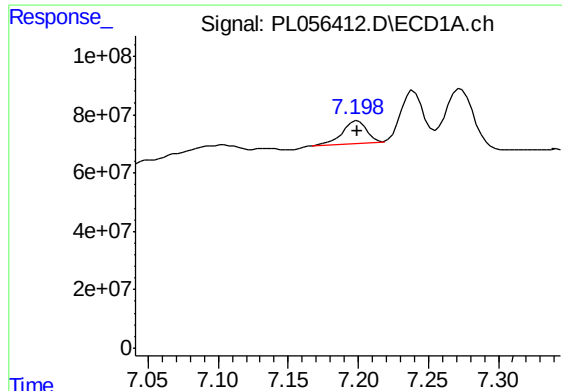
#20 Methoxychlor

R.T.: 6.967 min
Delta R.T.: 0.004 min
Response: 486514617
Conc: 91.58 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 17493473
Conc: 14.27 ng/ml m



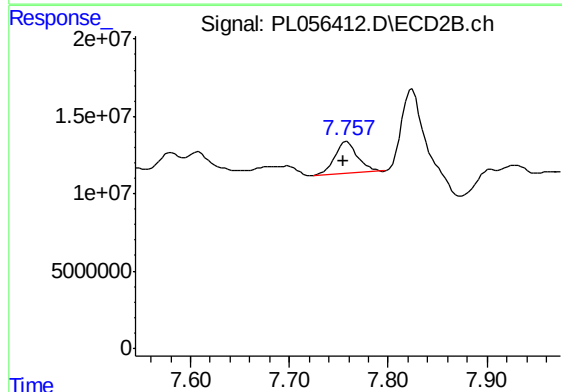
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 94723127
Conc: 7.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

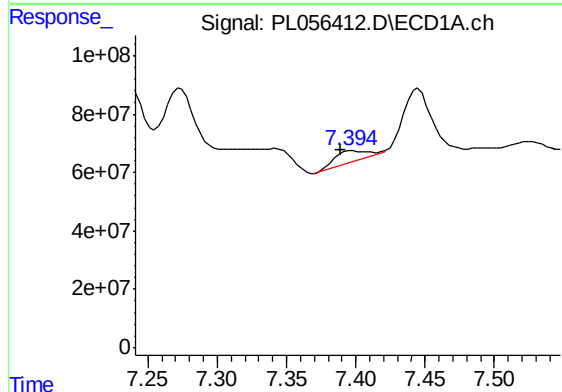
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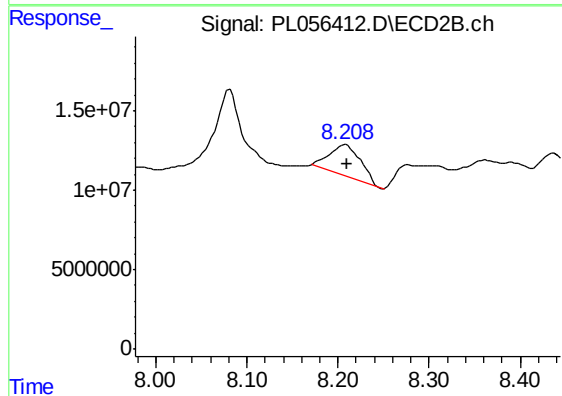
#21 Endrin ketone

R.T.: 7.758 min
Delta R.T.: 0.003 min
Response: 33770940
Conc: 12.66 ng/ml



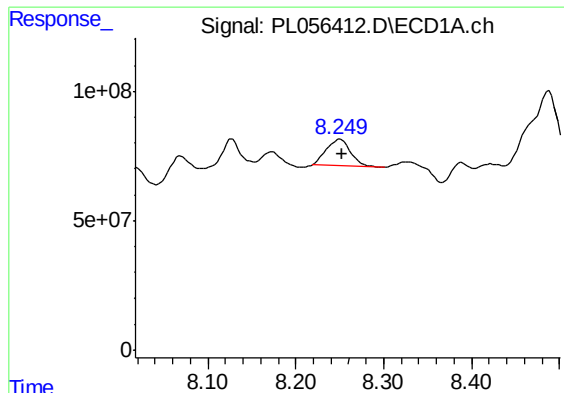
#22 Mirex

R.T.: 7.394 min
Delta R.T.: 0.005 min
Response: 68664317
Conc: 7.43 ng/ml m



#22 Mirex

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 46898550
Conc: 25.80 ng/ml



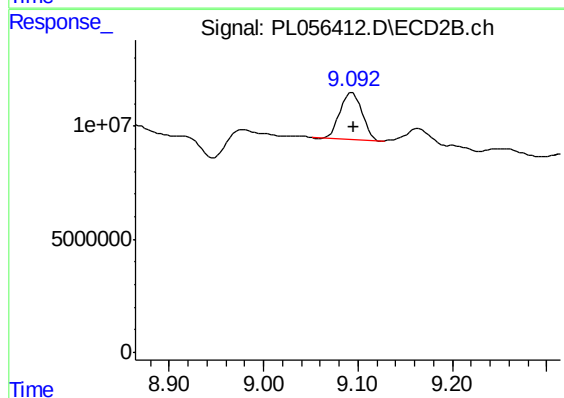
#28 Decachlorobiphenyl

R.T.: 8.250 min
Delta R.T.: -0.002 min
Response: 203300537
Conc: 19.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-640MSD

Manual Integrations
APPROVED

mohammad
2/11/2020 11:07:09 AM



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: -0.002 min
Response: 33515013
Conc: 14.82 ng/ml