

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062818\
 Data File : PL037542.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2018 21:37
 Operator : UA\AJ
 Sample : J3749-04MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ZER-SB-01-03-04-0-11MSD

Manual Integrations
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 7/5/2018 8:08:32 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 07:41:47 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL062018.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 21 02:27:11 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.335	3.937	138.6E6	36186495	17.519	13.079 #
2)	SA Decachlor...	8.017	8.948	154.6E6	42743776	25.613	21.545m
Target Compounds							
2)	A alpha-BHC	3.765	4.316	443.7E6	157.0E6	36.242	40.463
3)	MA gamma-BHC...	4.043	4.596	396.6E6	147.8E6	38.453	42.789
4)	MA Heptachlor	4.327	5.107	363.4E6	130.9E6	35.473	37.876
5)	MB Aldrin	4.564	5.408	422.4E6	110.7E6	41.503	35.289m
6)	B beta-BHC	4.297	4.758	168.1E6	34670304	36.852	21.498 #
7)	B delta-BHC	4.492	4.972	449.6E6	129.2E6	42.498	45.798
8)	B Heptachlo...	5.007	5.789	405.3E6	118.4E6	43.266	41.527
9)	A Endosulfan I	5.337	6.143	282.0E6	95077650	33.333	37.070
10)	B gamma-Chl...	5.227	6.022	362.1E6	137.8E6	38.659m	48.918 #
11)	B alpha-Chl...	5.286	6.096	358.1E6	129.1E6	39.436	44.860
12)	B 4,4'-DDE	5.454	6.251	309.0E6	103.5E6	34.979	40.671
13)	MA Dieldrin	5.578	6.397	513.9E6	119.2E6	58.044	44.666
14)	MA Endrin	5.832	6.611	273.0E6	75445904	34.657	32.813
15)	B Endosulfa...	6.106	6.814	331.2E6	80129700	45.042	32.310 #
16)	A 4,4'-DDD	5.967	6.735	257.1E6	142.1E6	38.321	69.205 #
17)	MA 4,4'-DDT	6.199	7.032	454.2E6	66269104	70.349	31.286 #
18)	B Endrin al...	6.278	6.937	240.4E6	68893785	42.391	33.964
19)	B Endosulfa...	6.505	7.161	852.2E6	106.0E6	127.579	48.628 #
20)	A Methoxychlor	6.749	7.486	87152883	36839878	25.641m	32.912m#
21)	B Endrin ke...	6.970	7.619	287.2E6	83320469	40.385	41.051m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062818\
Data File : PL037542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2018 21:37
Operator : UA\AJ
Sample : J3749-04MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

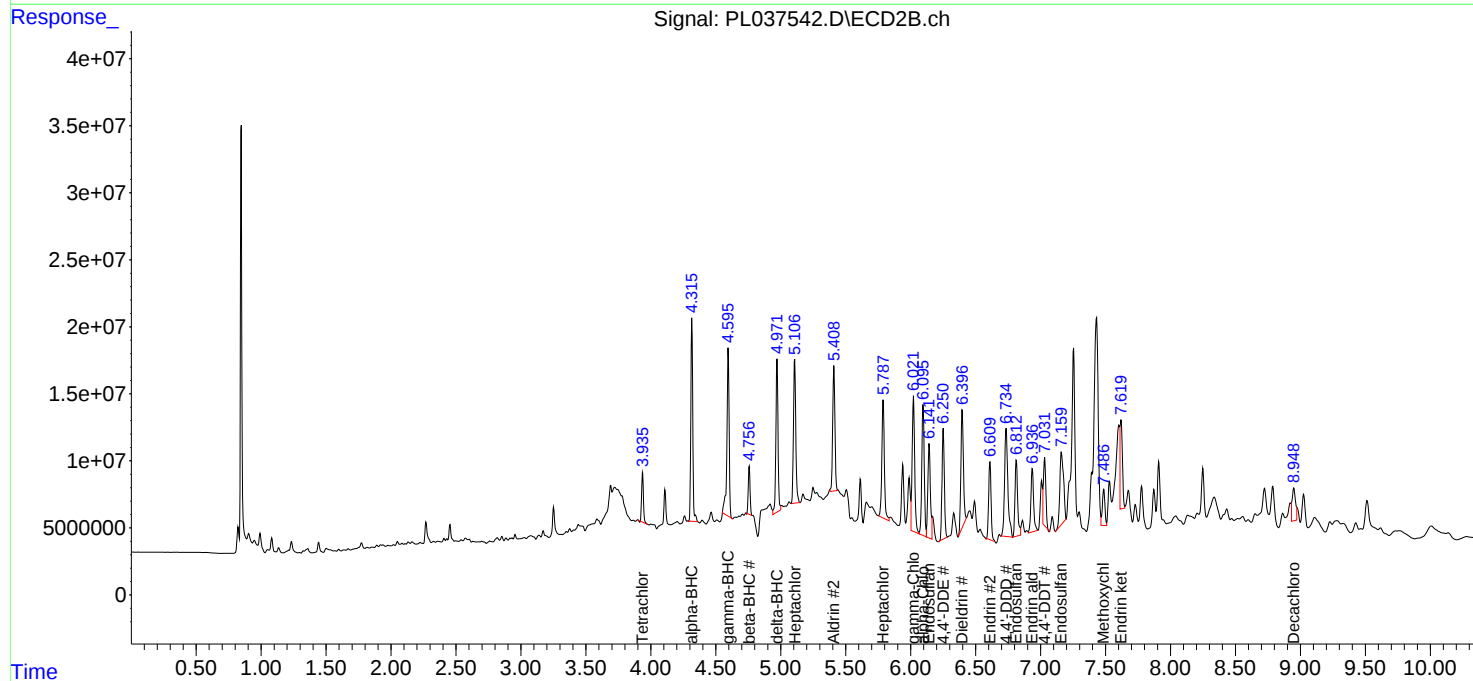
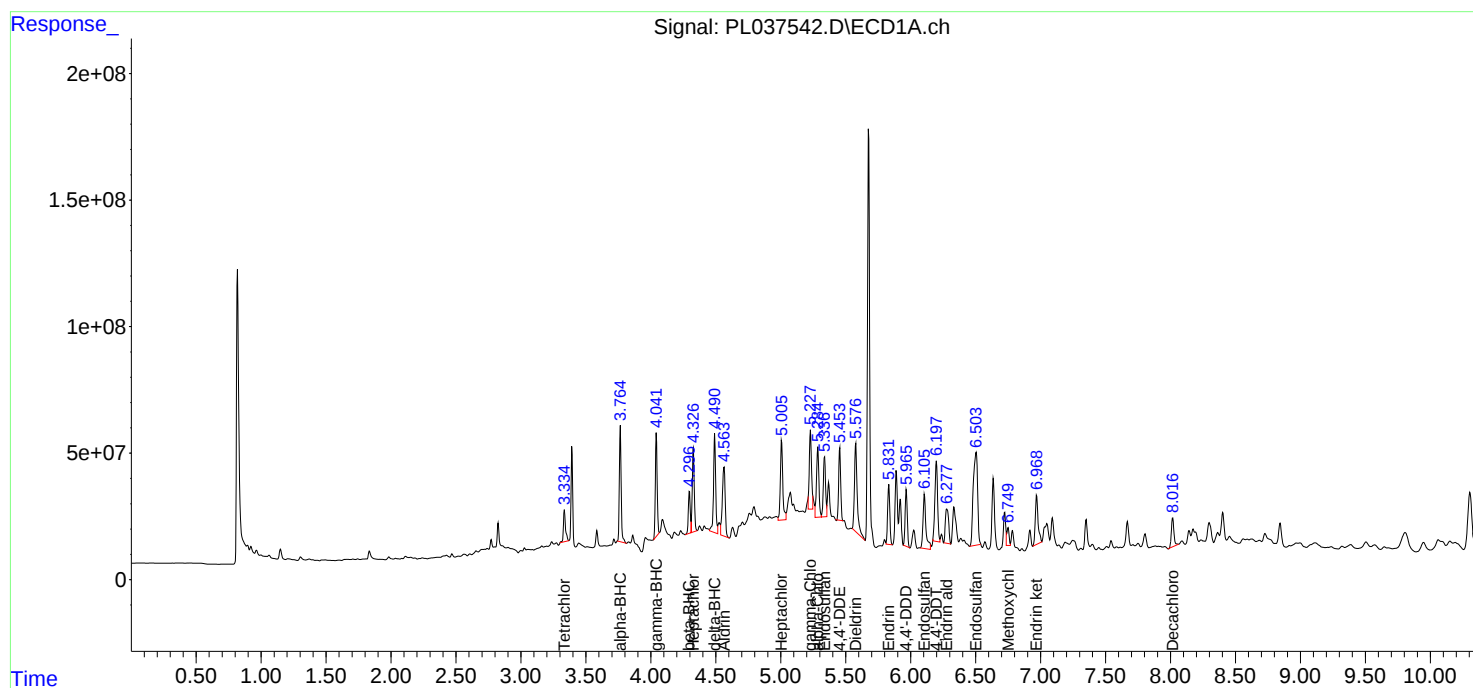
Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

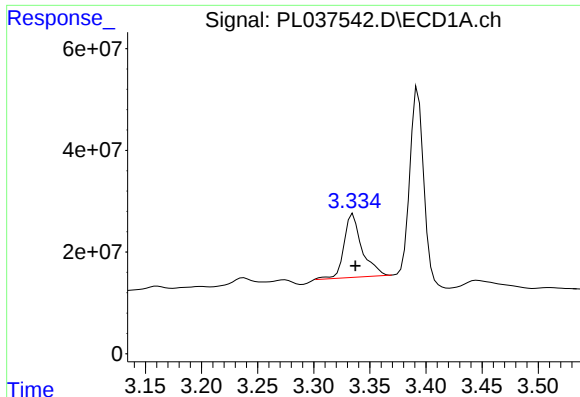
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 07:41:47 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL062018.M
Quant Title : GC Extractables
QLast Update : Thu Jun 21 02:27:11 2018
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





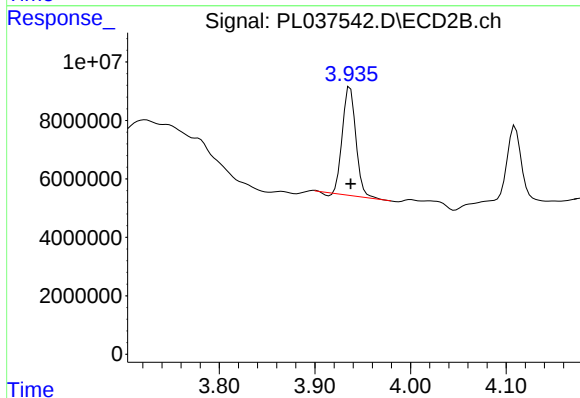
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: -0.002 min
Response: 138577720
Conc: 17.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

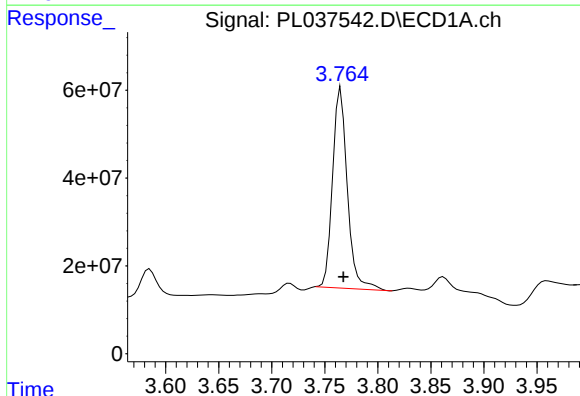
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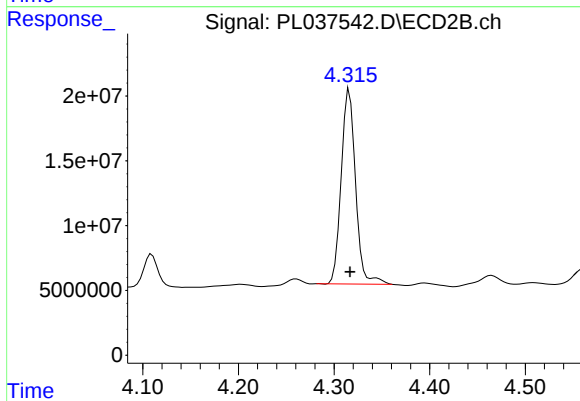
#1 Tetrachloro-m-xylene

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 36186495
Conc: 13.08 ng/ml



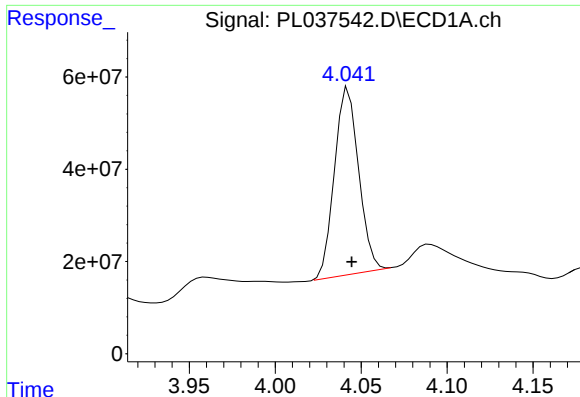
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.002 min
Response: 443710383
Conc: 36.24 ng/ml



#2 alpha-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 157007382
Conc: 40.46 ng/ml



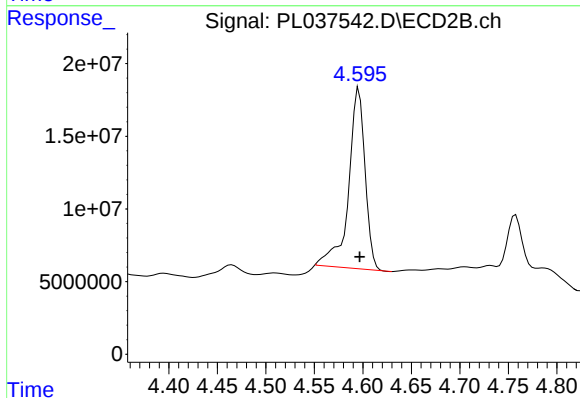
#3 gamma-BHC (Lindane)

R.T.: 4.043 min
Delta R.T.: -0.002 min
Response: 396632260
Conc: 38.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

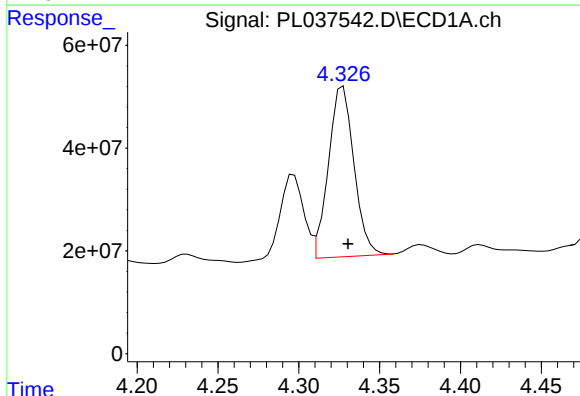
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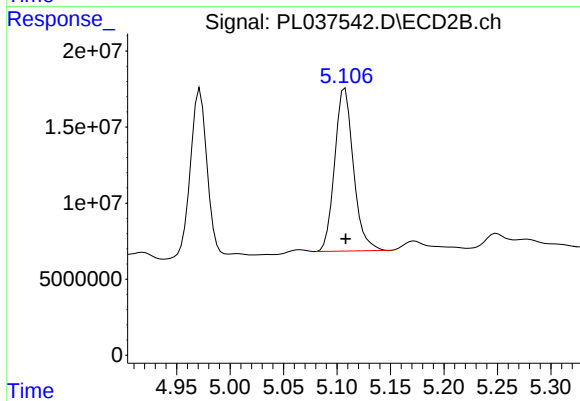
#3 gamma-BHC (Lindane)

R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 147780879
Conc: 42.79 ng/ml



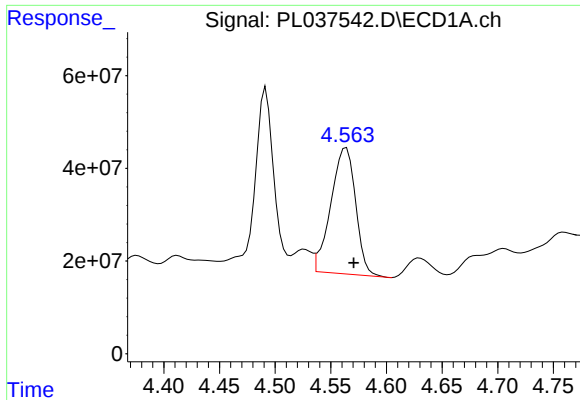
#4 Heptachlor

R.T.: 4.327 min
Delta R.T.: -0.003 min
Response: 363434090
Conc: 35.47 ng/ml



#4 Heptachlor

R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 130915754
Conc: 37.88 ng/ml



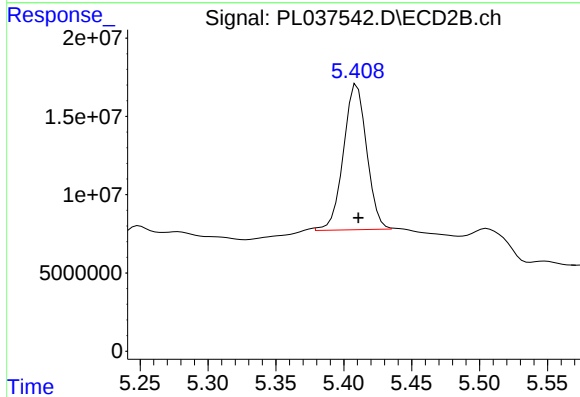
#5 Aldrin

R.T.: 4.564 min
Delta R.T.: -0.007 min
Response: 422443510
Conc: 41.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

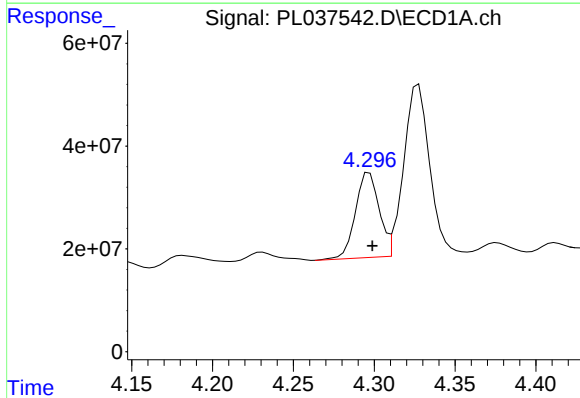
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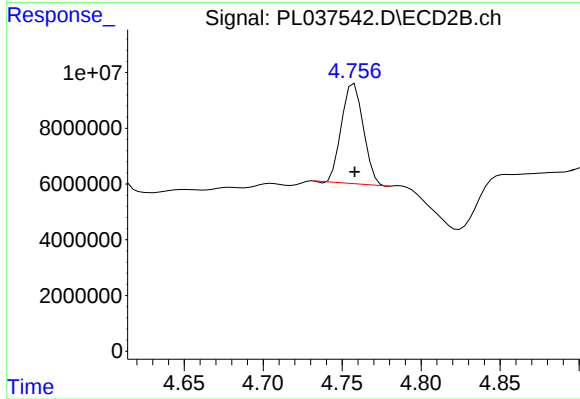
#5 Aldrin

R.T.: 5.408 min
Delta R.T.: -0.003 min
Response: 110710491
Conc: 35.29 ng/ml m



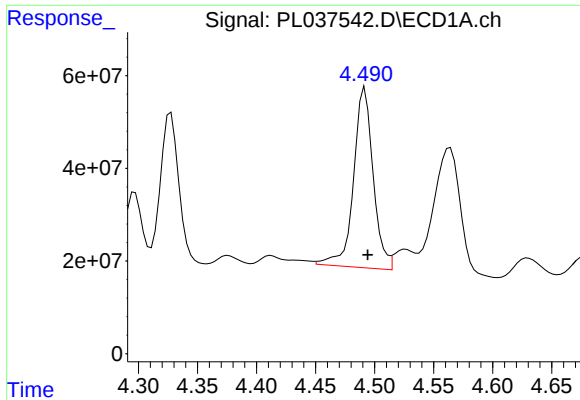
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 168077706
Conc: 36.85 ng/ml



#6 beta-BHC

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 34670304
Conc: 21.50 ng/ml



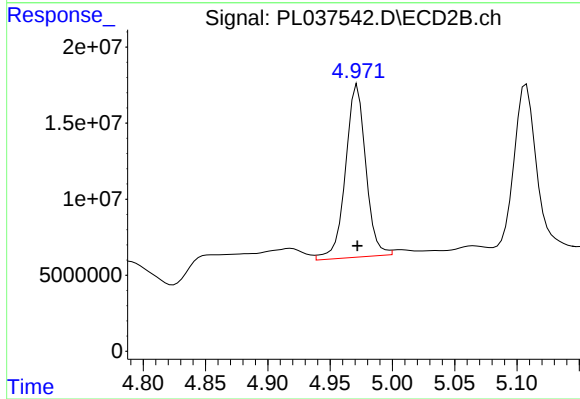
#7 delta-BHC

R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 449591820
Conc: 42.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

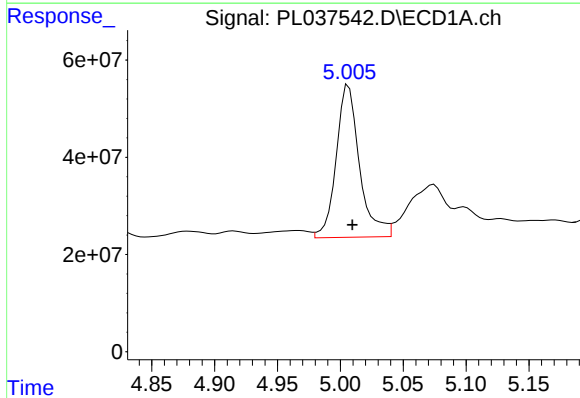
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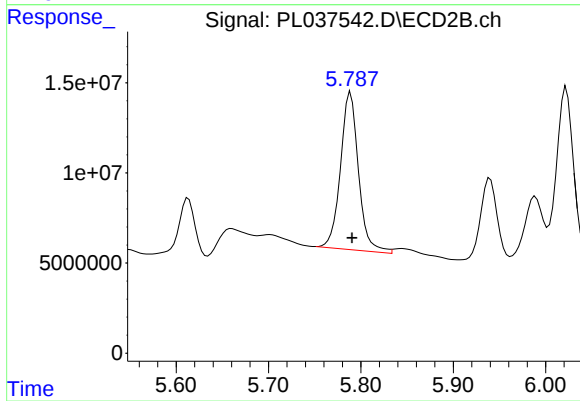
#7 delta-BHC

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 129161942
Conc: 45.80 ng/ml



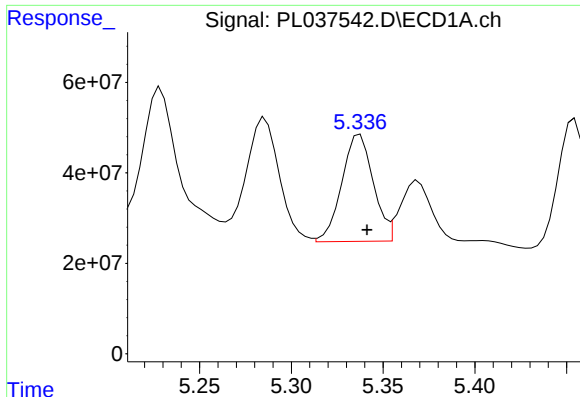
#8 Heptachlor epoxide

R.T.: 5.007 min
Delta R.T.: -0.003 min
Response: 405272827
Conc: 43.27 ng/ml



#8 Heptachlor epoxide

R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 118379539
Conc: 41.53 ng/ml



#9 Endosulfan I

R.T.: 5.337 min
Delta R.T.: -0.004 min
Response: 282027416
Conc: 33.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

Manual Integrations
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#9 Endosulfan I

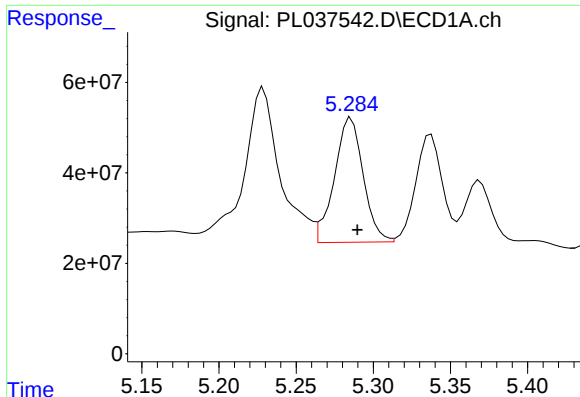
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 95077650
Conc: 37.07 ng/ml

#10 gamma-Chlordane

R.T.: 5.227 min
Delta R.T.: -0.005 min
Response: 362094766
Conc: 38.66 ng/ml m

#10 gamma-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 137773835
Conc: 48.92 ng/ml



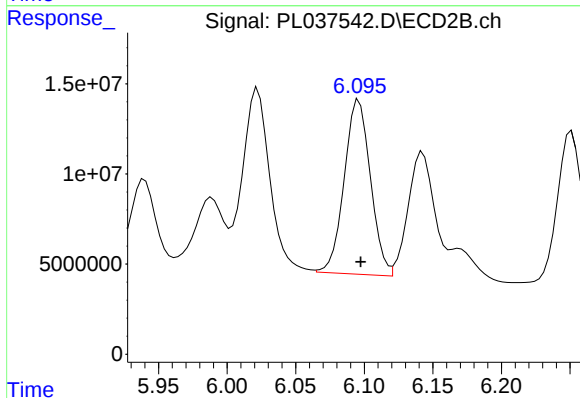
#11 alpha-Chlordane

R.T.: 5.286 min
Delta R.T.: -0.004 min
Response: 358131760
Conc: 39.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

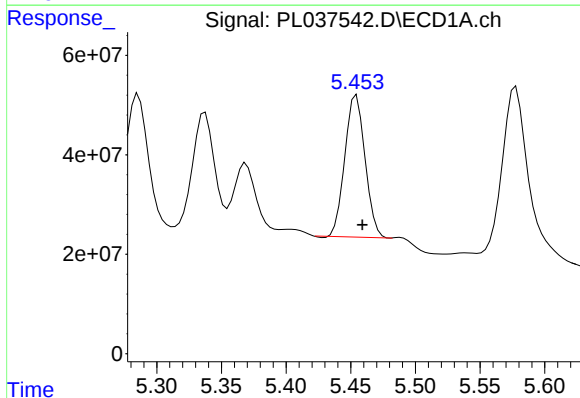
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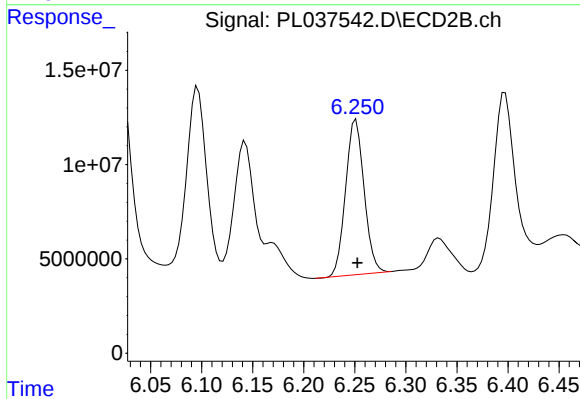
#11 alpha-Chlordane

R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 129120977
Conc: 44.86 ng/ml



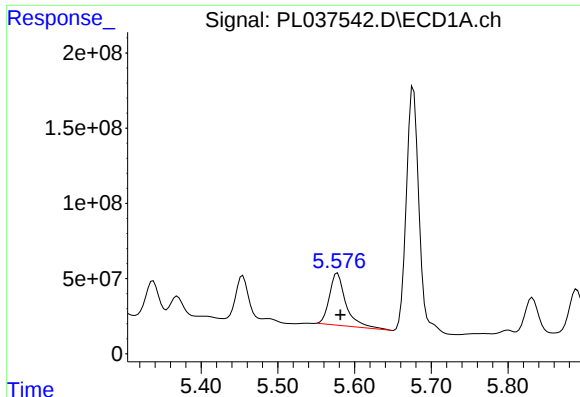
#12 4,4'-DDE

R.T.: 5.454 min
Delta R.T.: -0.005 min
Response: 308951785
Conc: 34.98 ng/ml



#12 4,4'-DDE

R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 103495275
Conc: 40.67 ng/ml



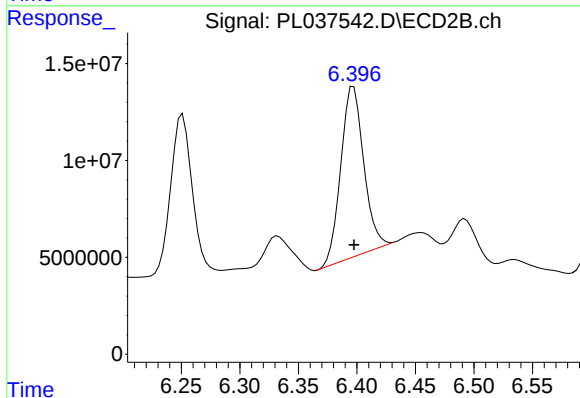
#13 Dieldrin

R.T.: 5.578 min
Delta R.T.: -0.004 min
Response: 513876052
Conc: 58.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

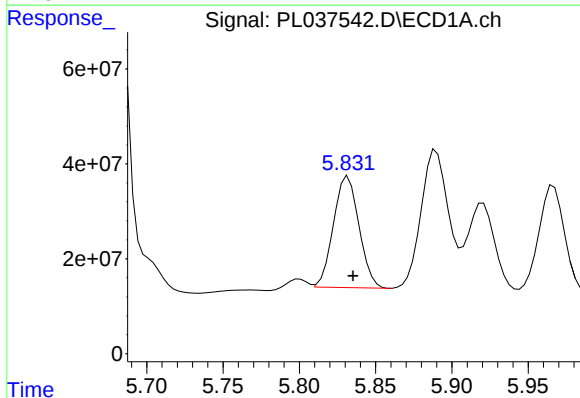
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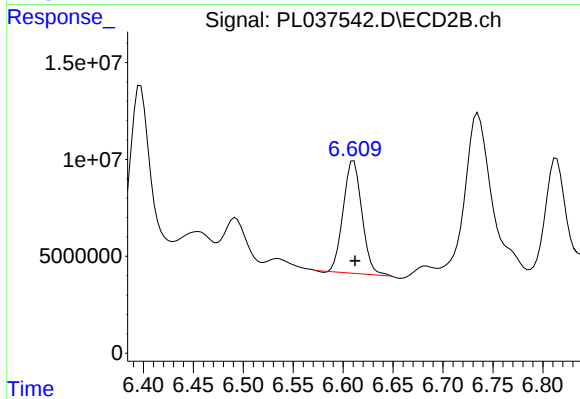
#13 Dieldrin

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 119223767
Conc: 44.67 ng/ml



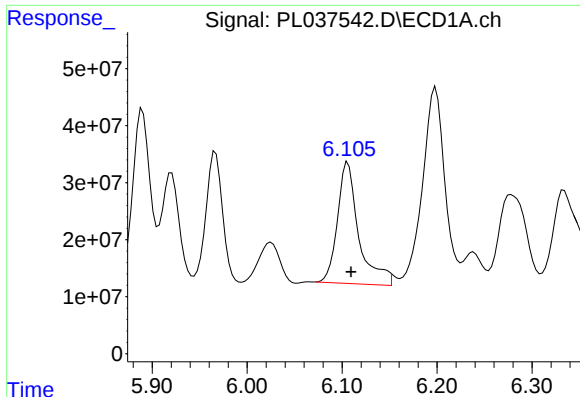
#14 Endrin

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 273010858
Conc: 34.66 ng/ml



#14 Endrin

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 75445904
Conc: 32.81 ng/ml



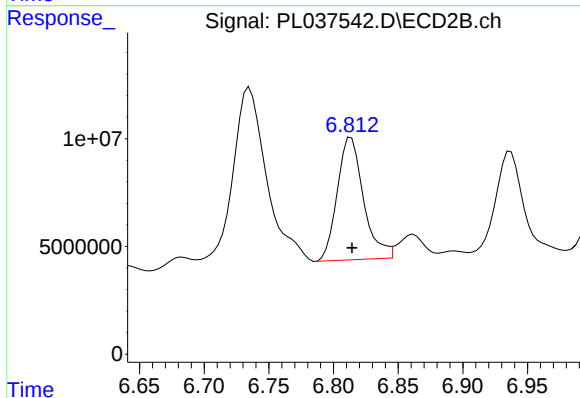
#15 Endosulfan II

R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 331217167
Conc: 45.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

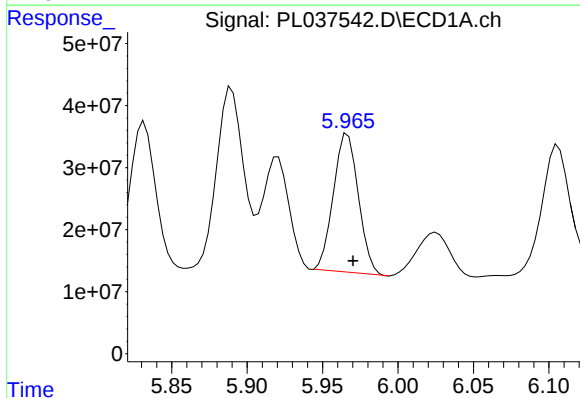
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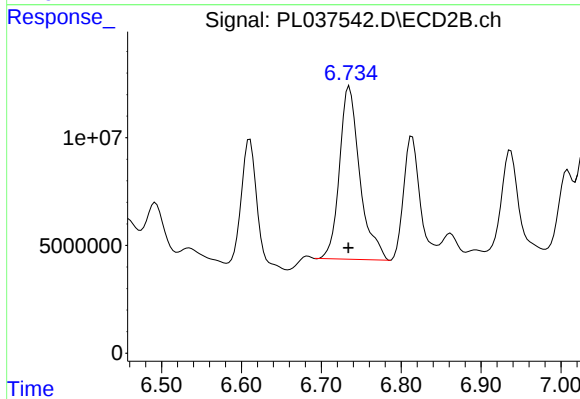
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 80129700
Conc: 32.31 ng/ml



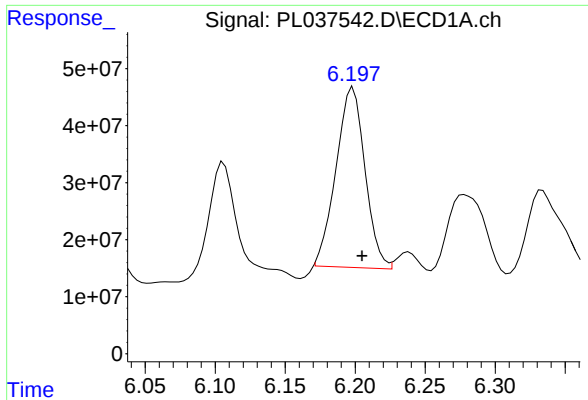
#16 4,4'-DDD

R.T.: 5.967 min
Delta R.T.: -0.003 min
Response: 257090316
Conc: 38.32 ng/ml



#16 4,4'-DDD

R.T.: 6.735 min
Delta R.T.: 0.001 min
Response: 142057595
Conc: 69.21 ng/ml



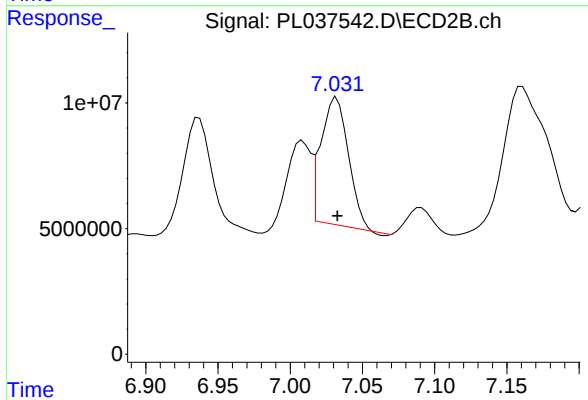
#17 4,4'-DDT

R.T.: 6.199 min
Delta R.T.: -0.006 min
Response: 454197128
Conc: 70.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

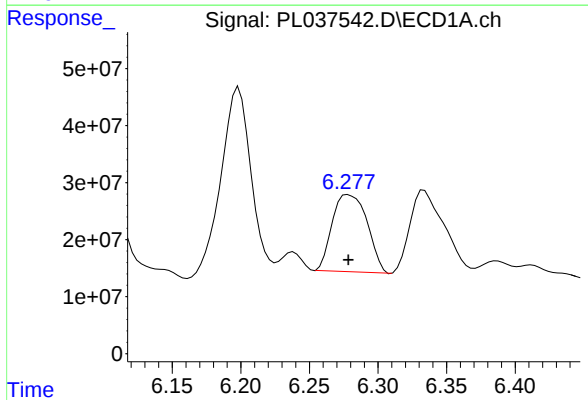
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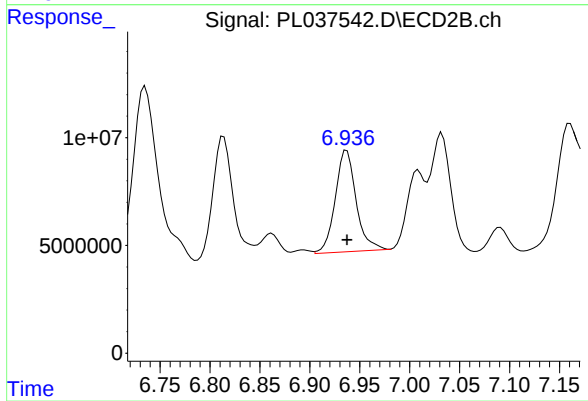
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 66269104
Conc: 31.29 ng/ml



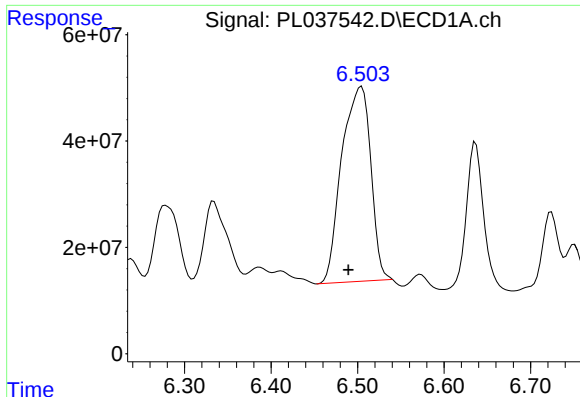
#18 Endrin aldehyde

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 240357905
Conc: 42.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 68893785
Conc: 33.96 ng/ml



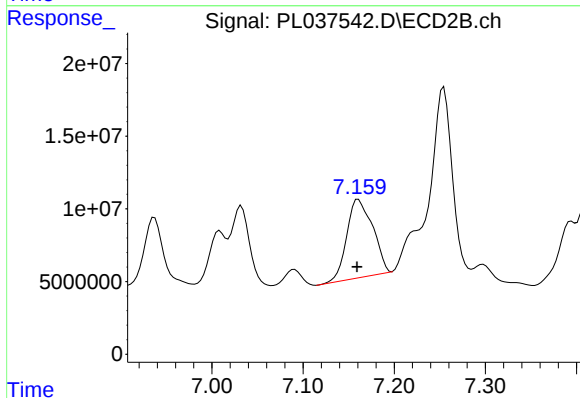
#19 Endosulfan Sulfate

R.T.: 6.505 min
Delta R.T.: 0.015 min
Response: 852236281
Conc: 127.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

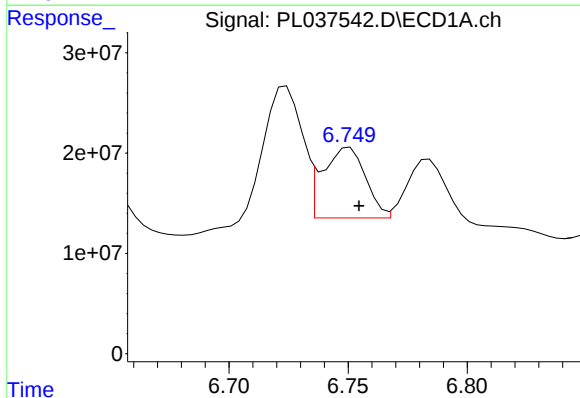
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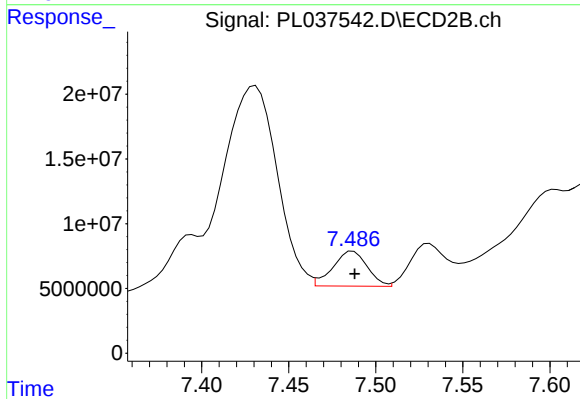
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.001 min
Response: 106043379
Conc: 48.63 ng/ml



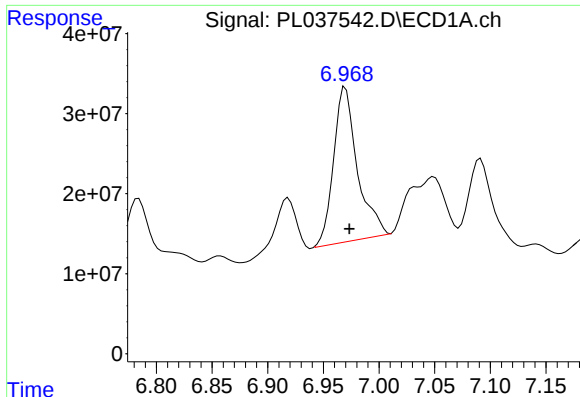
#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 87152883
Conc: 25.64 ng/ml m



#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 36839878
Conc: 32.91 ng/ml m



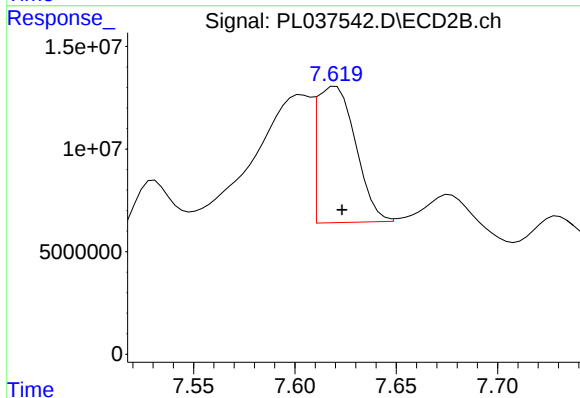
#21 Endrin ketone

R.T.: 6.970 min
Delta R.T.: -0.004 min
Response: 287201737
Conc: 40.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
ZER-SB-01-03-04-0-11MSD

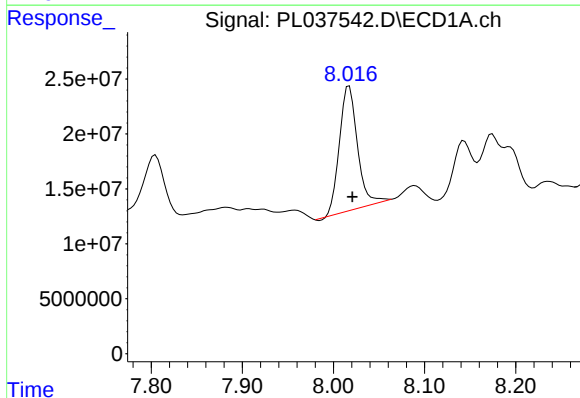
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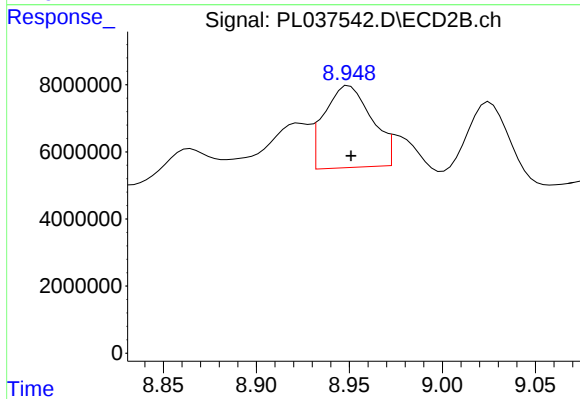
#21 Endrin ketone

R.T.: 7.619 min
Delta R.T.: -0.004 min
Response: 83320469
Conc: 41.05 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.017 min
Delta R.T.: -0.003 min
Response: 154552785
Conc: 25.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.948 min
Delta R.T.: -0.002 min
Response: 42743776
Conc: 21.54 ng/ml m