

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061818\
 Data File : PL037085.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2018 22:50
 Operator : UA\AJ
 Sample : PB110337BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB110337BS

Manual Integrations
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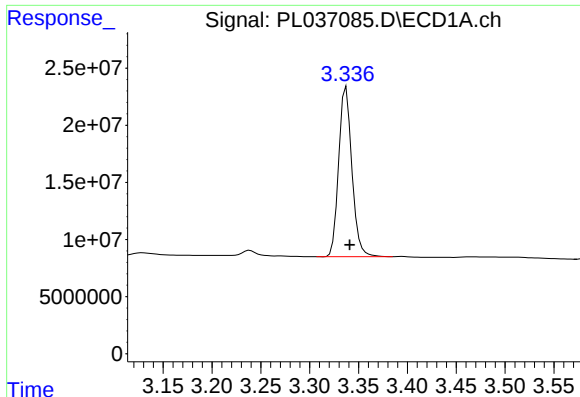
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 03:31:26 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL061418.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 14 16:13:31 2018
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.337	3.937	140.1E6	52586053	19.696	20.569
28)	SA Decachlor...	8.021	8.950	119.9E6	39864876	18.433	15.627
Target Compounds							
2)	A alpha-BHC	3.768	4.316	570.5E6	196.2E6	50.963	54.725
3)	MA gamma-BHC...	4.045	4.597	506.8E6	173.0E6	52.381	53.885
4)	MA Heptachlor	4.331	5.108	479.4E6	172.2E6	51.919	53.083
5)	MB Aldrin	4.571	5.410	480.9E6	158.2E6	52.029	53.528
6)	B beta-BHC	4.299	4.757	217.5E6	77928336	50.925	52.006
7)	B delta-BHC	4.495	4.972	501.0E6	165.9E6	52.211	60.044
8)	B Heptachlo...	5.010	5.790	465.8E6	151.2E6	55.263	54.782
9)	A Endosulfan I	5.341	6.143	393.4E6	126.4E6	51.479	51.499
10)	B gamma-Chl...	5.233	6.022	445.8E6	144.7E6	53.010	52.010
11)	B alpha-Chl...	5.290	6.096	424.5E6	142.0E6	52.106	51.638
12)	B 4,4'-DDE	5.459	6.251	420.0E6	124.7E6	53.404	50.816
13)	MA Dieldrin	5.582	6.397	419.7E6	133.5E6	52.254	51.856
14)	MA Endrin	5.836	6.611	349.6E6	109.2E6	50.176	48.812
15)	B Endosulfa...	6.110	6.814	348.5E6	117.9E6	51.920	48.517
16)	A 4,4'-DDD	5.971	6.733	326.0E6	105.0E6	54.676	53.384
17)	MA 4,4'-DDT	6.206	7.033	277.4E6	96884744	47.250	46.038
18)	B Endrin al...	6.279	6.936	268.6E6	99797567	52.924	51.320
19)	B Endosulfa...	6.490	7.159	311.5E6	109.9E6	51.509	50.642
20)	A Methoxychlor	6.755	7.488	148.1E6	54874091	46.666	45.302
21)	B Endrin ke...	6.972	7.623	381.5E6	115.4E6	58.188m	50.663

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



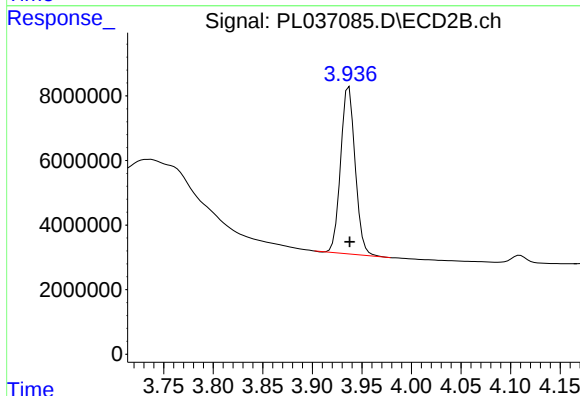
#1 Tetrachloro-m-xylene

R.T.: 3.337 min
Delta R.T.: -0.004 min
Response: 140066239
Conc: 19.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB110337BS

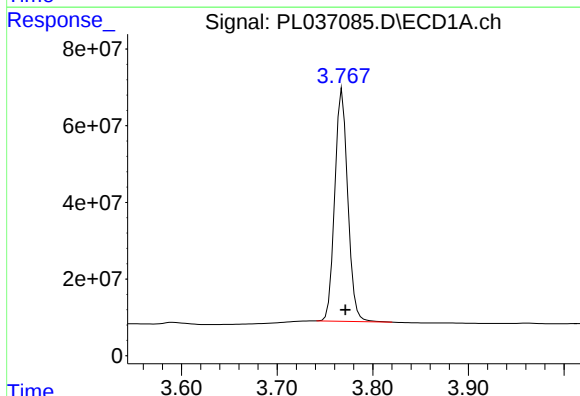
Manual Integrations
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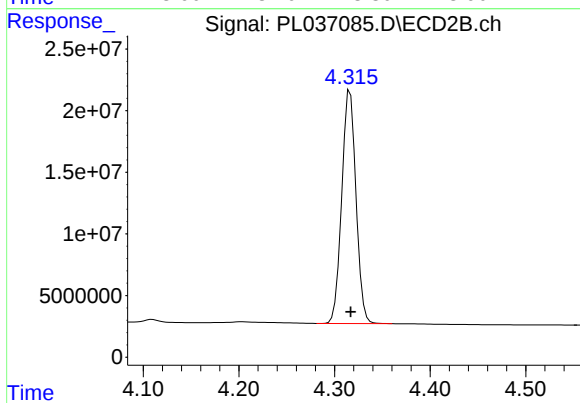
#1 Tetrachloro-m-xylene

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 52586053
Conc: 20.57 ng/ml



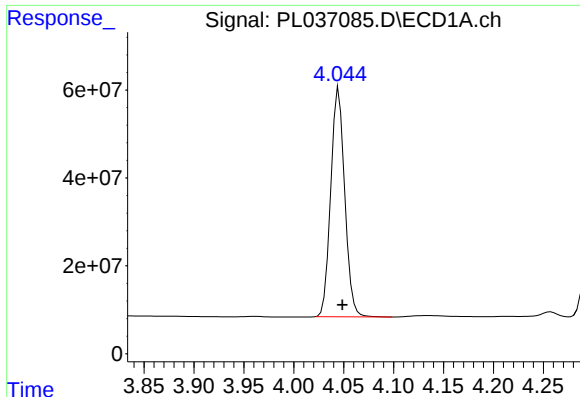
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.003 min
Response: 570523239
Conc: 50.96 ng/ml



#2 alpha-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 196186640
Conc: 54.73 ng/ml



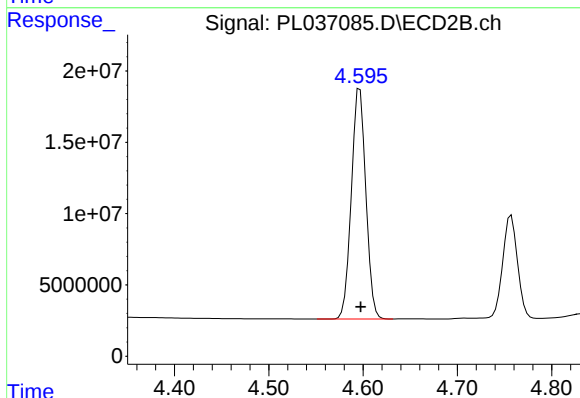
#3 gamma-BHC (Lindane)

R.T.: 4.045 min
Delta R.T.: -0.004 min
Response: 506814393
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB110337BS

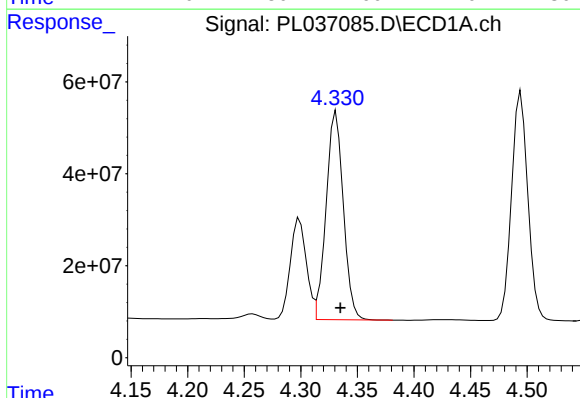
Manual Integrations
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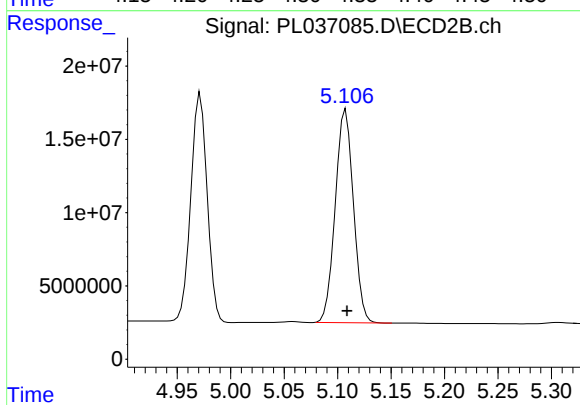
#3 gamma-BHC (Lindane)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 172967972
Conc: 53.89 ng/ml



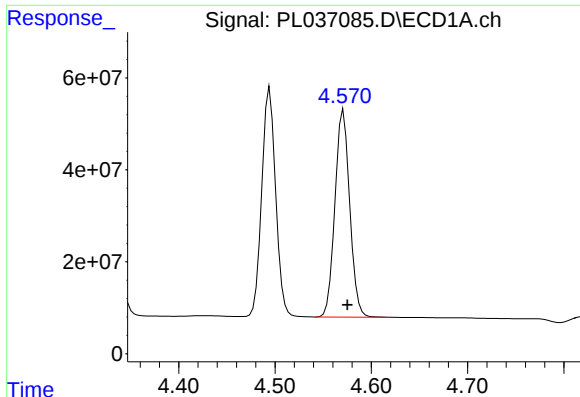
#4 Heptachlor

R.T.: 4.331 min
Delta R.T.: -0.004 min
Response: 479387865
Conc: 51.92 ng/ml



#4 Heptachlor

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 172181984
Conc: 53.08 ng/ml



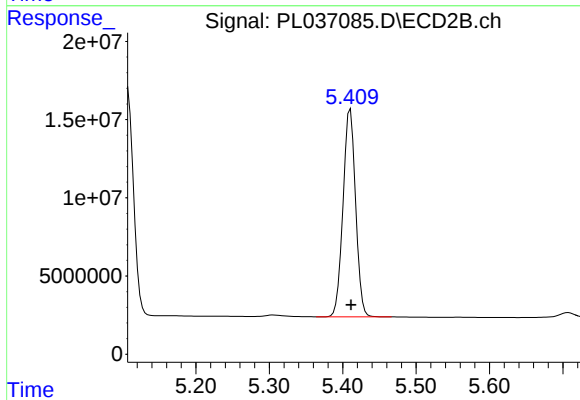
#5 Aldrin

R.T.: 4.571 min
Delta R.T.: -0.004 min
Response: 480937226
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB110337BS

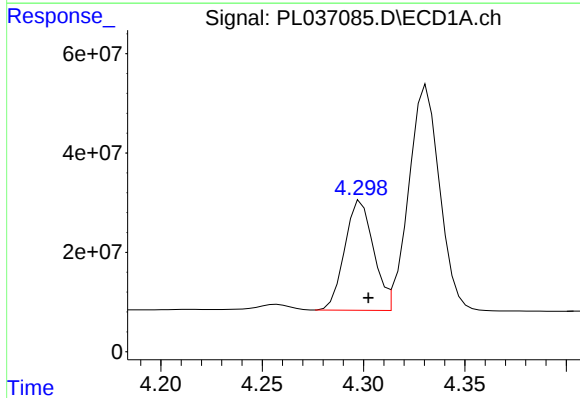
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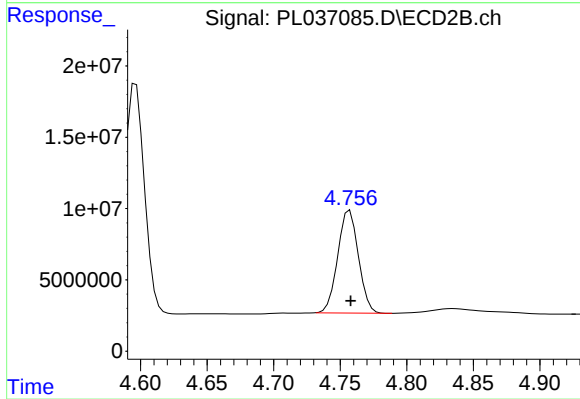
#5 Aldrin

R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 158168285
Conc: 53.53 ng/ml



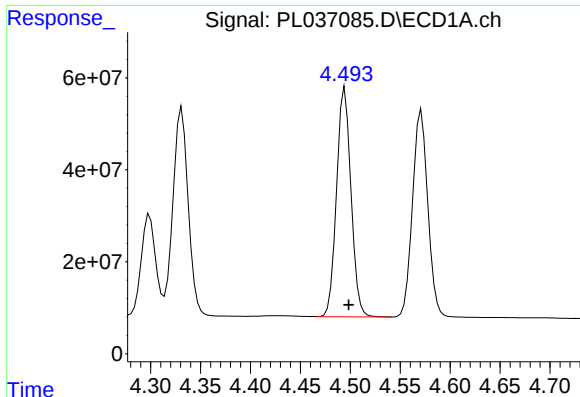
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 217478479
Conc: 50.93 ng/ml



#6 beta-BHC

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 77928336
Conc: 52.01 ng/ml



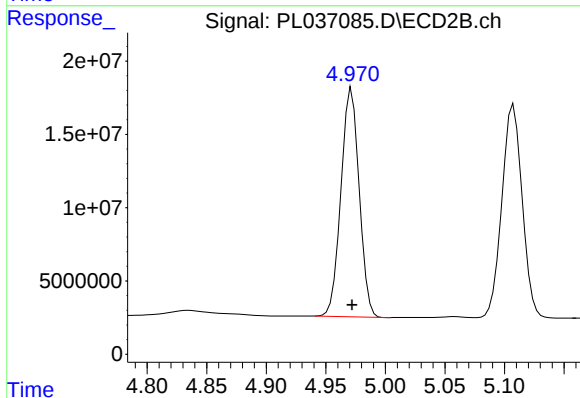
#7 delta-BHC

R.T.: 4.495 min
Delta R.T.: -0.004 min
Response: 501049164
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB110337BS

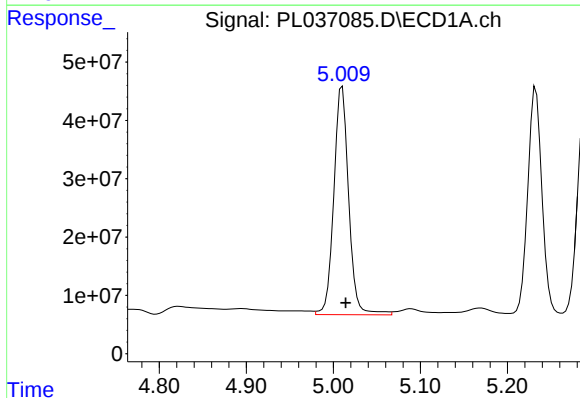
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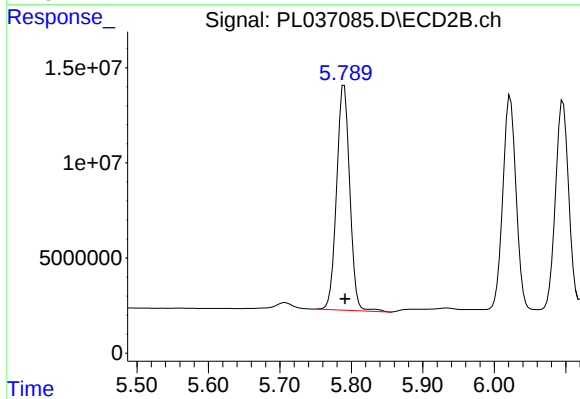
#7 delta-BHC

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 165868538
Conc: 60.04 ng/ml



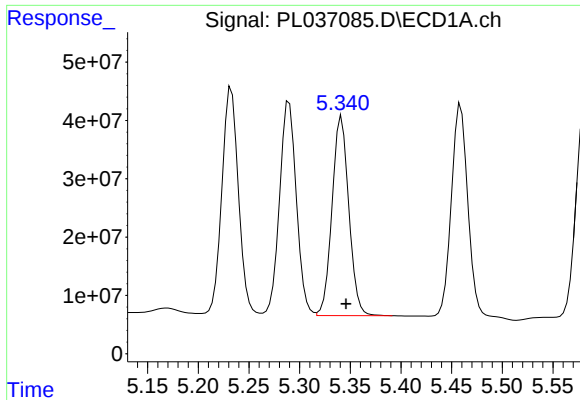
#8 Heptachlor epoxide

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 465800046
Conc: 55.26 ng/ml



#8 Heptachlor epoxide

R.T.: 5.790 min
Delta R.T.: -0.001 min
Response: 151159223
Conc: 54.78 ng/ml



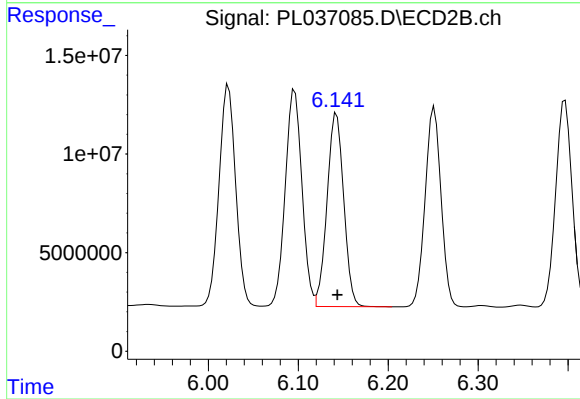
#9 Endosulfan I

R.T.: 5.341 min
Delta R.T.: -0.004 min
Response: 393356117
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB110337BS

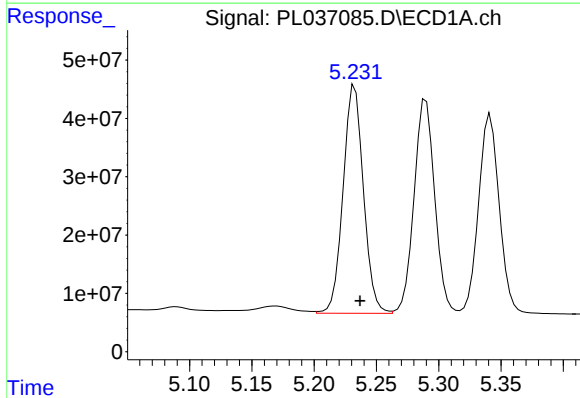
Manual Integrations
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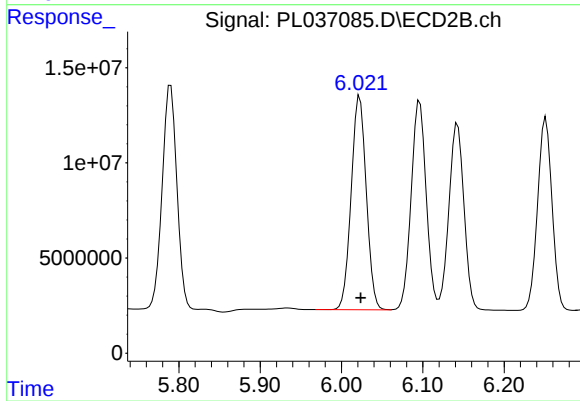
#9 Endosulfan I

R.T.: 6.143 min
Delta R.T.: -0.001 min
Response: 126397254
Conc: 51.50 ng/ml



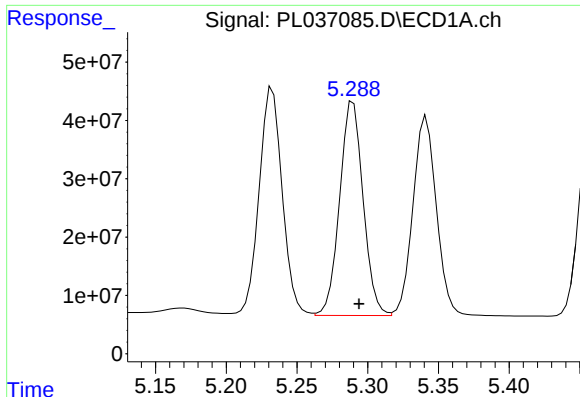
#10 gamma-Chlordane

R.T.: 5.233 min
Delta R.T.: -0.004 min
Response: 445817910
Conc: 53.01 ng/ml



#10 gamma-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 144670722
Conc: 52.01 ng/ml



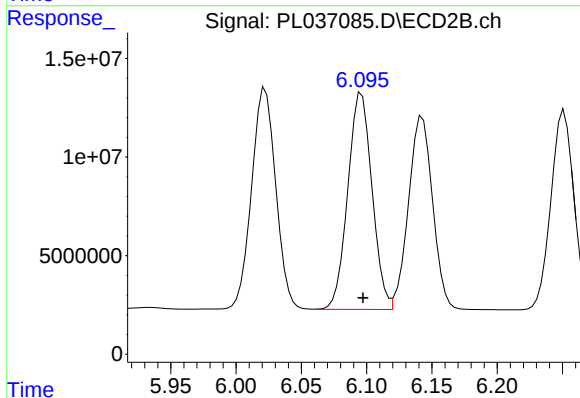
#11 alpha-Chlordane

R.T.: 5.290 min
Delta R.T.: -0.004 min
Response: 424476261
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB110337BS

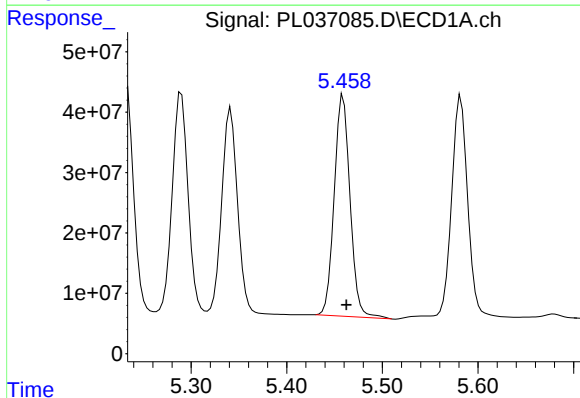
Manual Integrations
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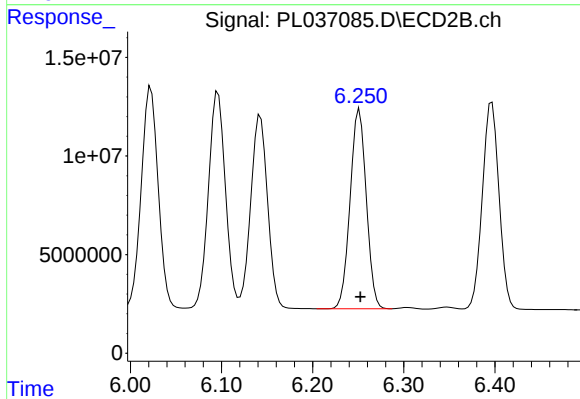
#11 alpha-Chlordane

R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 142029315
Conc: 51.64 ng/ml



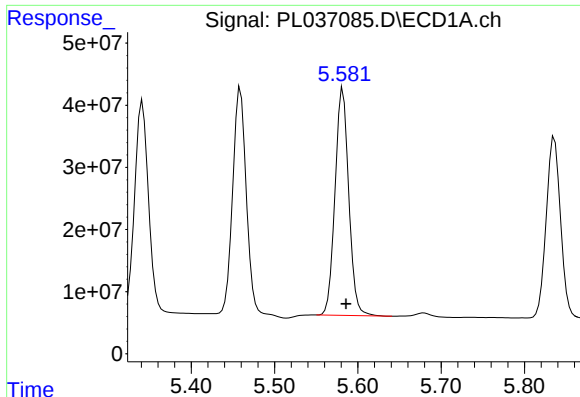
#12 4,4'-DDE

R.T.: 5.459 min
Delta R.T.: -0.004 min
Response: 420013869
Conc: 53.40 ng/ml



#12 4,4'-DDE

R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 124678631
Conc: 50.82 ng/ml



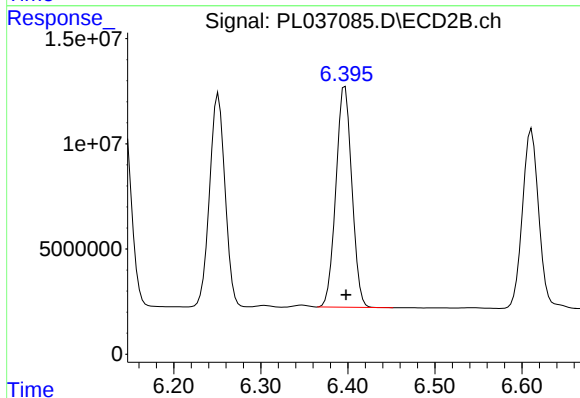
#13 Dieldrin

R.T.: 5.582 min
Delta R.T.: -0.004 min
Response: 419725154
Conc: 52.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB110337BS

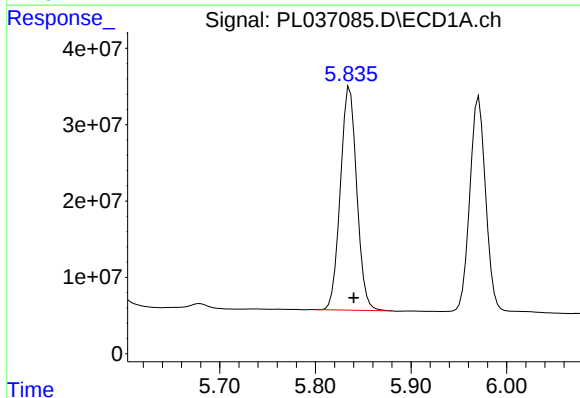
Manual Integrations
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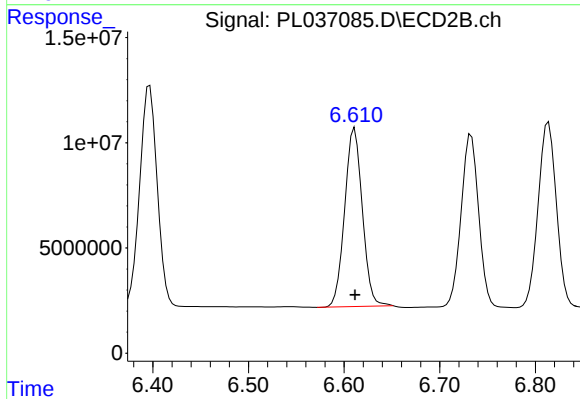
#13 Dieldrin

R.T.: 6.397 min
Delta R.T.: -0.001 min
Response: 133459318
Conc: 51.86 ng/ml



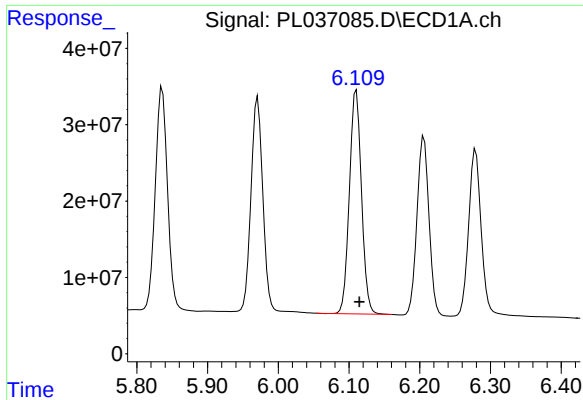
#14 Endrin

R.T.: 5.836 min
Delta R.T.: -0.004 min
Response: 349583130
Conc: 50.18 ng/ml



#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 109232694
Conc: 48.81 ng/ml



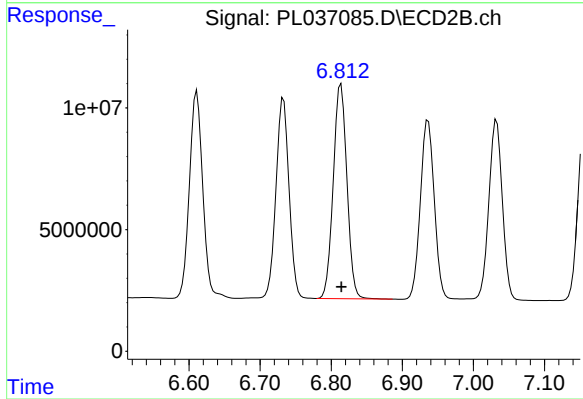
#15 Endosulfan II

R.T.: 6.110 min
Delta R.T.: -0.004 min
Response: 348459897
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB110337BS

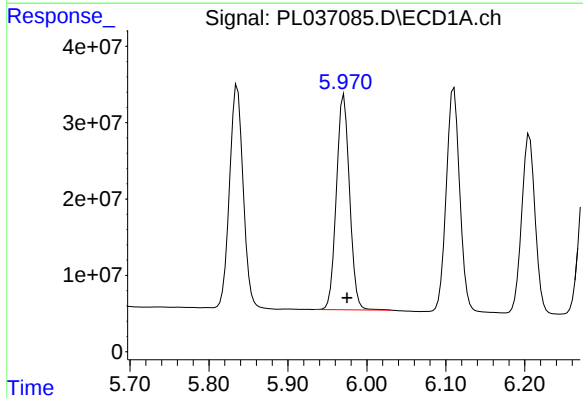
Manual Integrations
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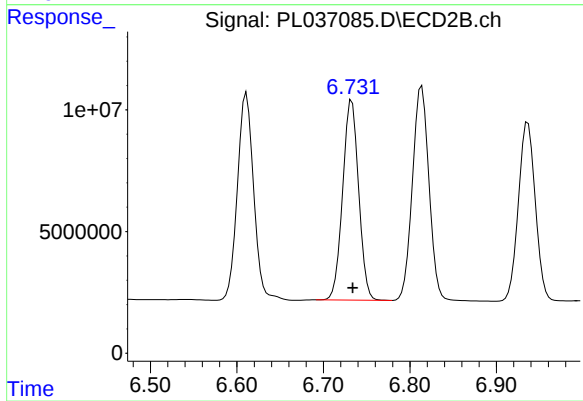
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 117874912
Conc: 48.52 ng/ml



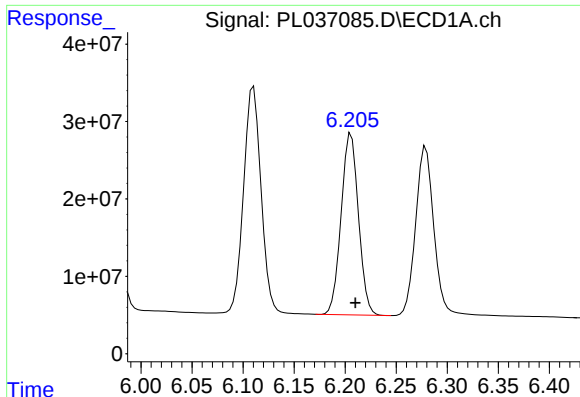
#16 4,4'-DDD

R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 326003949
Conc: 54.68 ng/ml



#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.001 min
Response: 104969057
Conc: 53.38 ng/ml



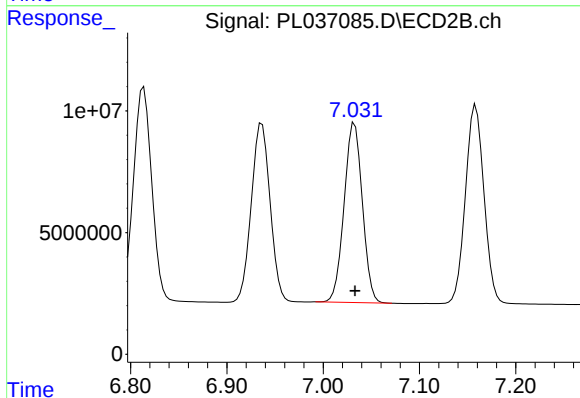
#17 4,4'-DDT

R.T.: 6.206 min
Delta R.T.: -0.004 min
Response: 277390553
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB110337BS

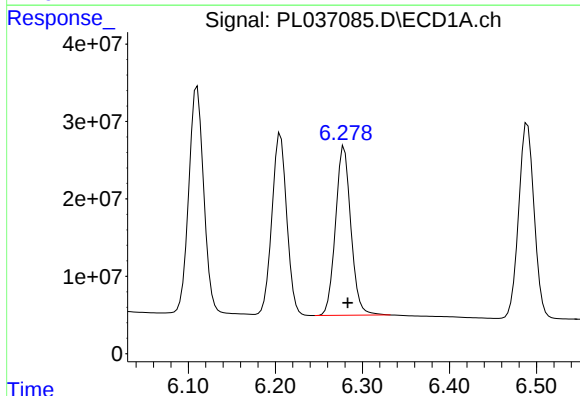
Manual Integrations
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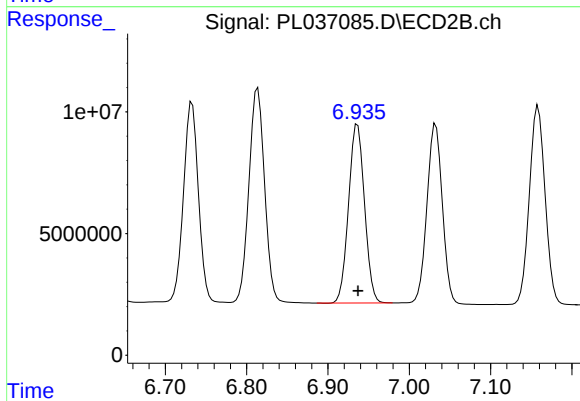
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 96884744
Conc: 46.04 ng/ml



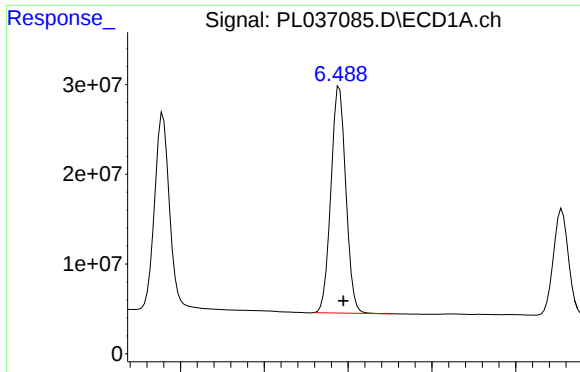
#18 Endrin aldehyde

R.T.: 6.279 min
Delta R.T.: -0.004 min
Response: 268588779
Conc: 52.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 99797567
Conc: 51.32 ng/ml



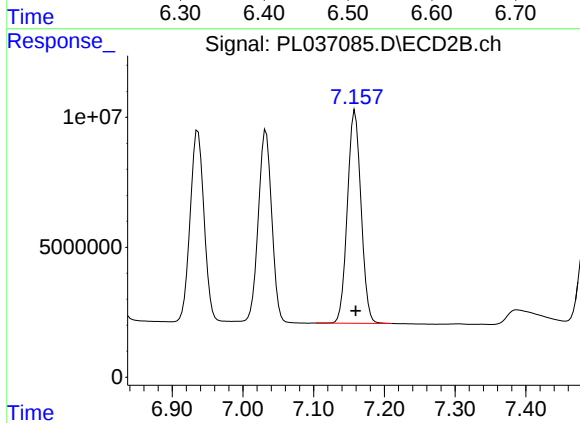
#19 Endosulfan Sulfate

R.T.: 6.490 min
Delta R.T.: -0.005 min
Response: 311489389
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB110337BS

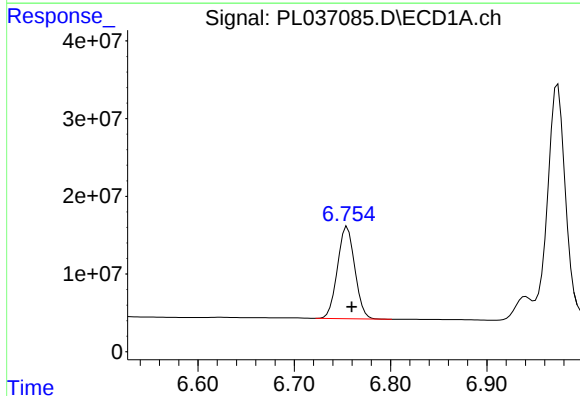
Manual Integrations
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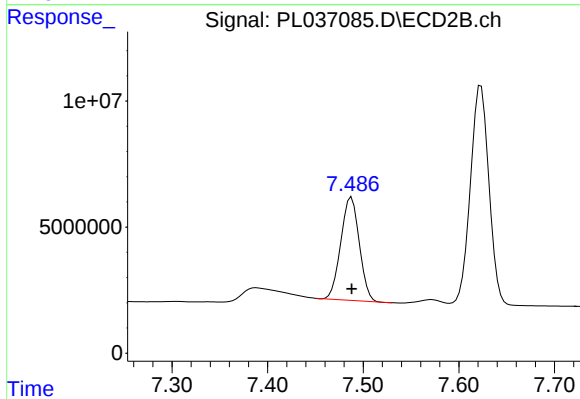
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 109859873
Conc: 50.64 ng/ml



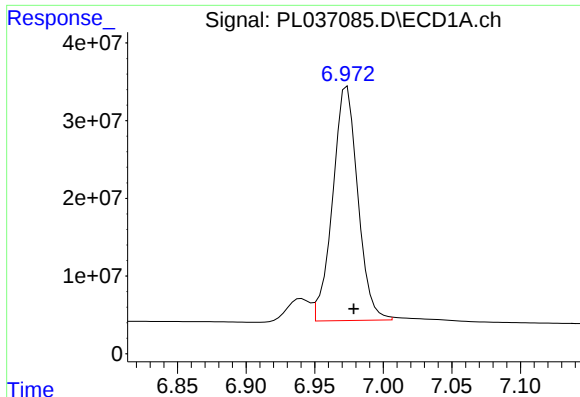
#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: -0.005 min
Response: 148122211
Conc: 46.67 ng/ml



#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 54874091
Conc: 45.30 ng/ml



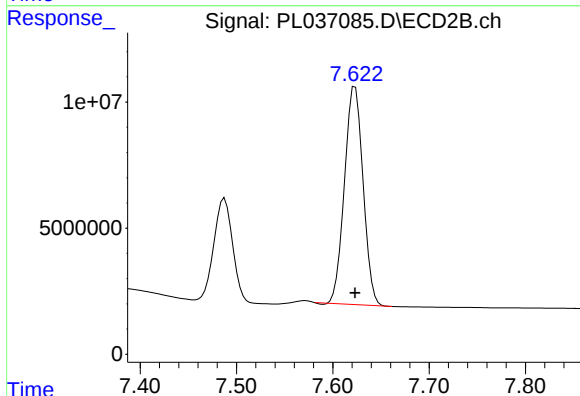
#21 Endrin ketone

R.T.: 6.972 min
Delta R.T.: -0.006 min
Response: 381460231
Conc: 58.19 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB110337BS

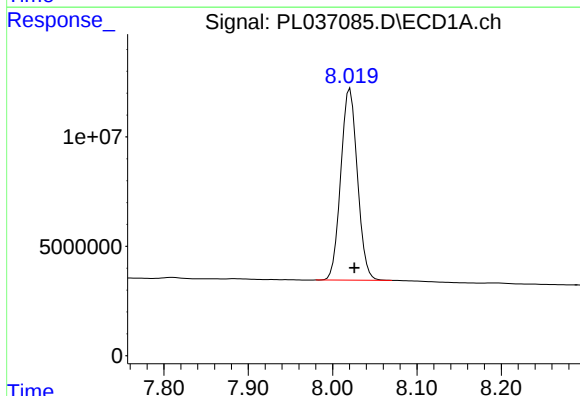
Manual Integrations
APPROVED

UGO
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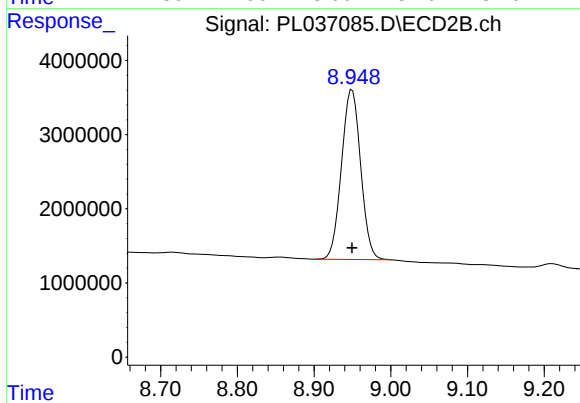
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 115426495
Conc: 50.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 119923701
Conc: 18.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 39864876
Conc: 15.63 ng/ml