

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032119\
 Data File : PL046288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2019 18:39
 Operator : AJ\SJ
 Sample : K1989-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 DRUM-1-2MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:07:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 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...	3.361	3.980	122.6E6	41246085	17.820	19.260
28)	SA Decachlor...	8.041	9.036	162.4E6	49138458	19.413	21.505
Target Compounds							
2)	A alpha-BHC	3.791	4.371	557.5E6	160.0E6	50.192	52.661
3)	MA gamma-BHC...	4.068	4.655	520.2E6	148.9E6	51.472	52.718
4)	MA Heptachlor	4.355	5.162	526.5E6	153.0E6	49.896	51.425
5)	MB Aldrin	4.596	5.466	514.1E6	146.3E6	52.861	54.149
6)	B beta-BHC	4.321	4.827	212.3E6	66354620	49.543	52.250
7)	B delta-BHC	4.516	5.042	485.5E6	127.7E6	50.798	59.350m
8)	B Heptachlo...	5.033	5.852	473.2E6	131.9E6	50.705	54.924
9)	A Endosulfan I	5.365	6.208	451.8E6	126.1E6	50.547	50.623
10)	B gamma-Chl...	5.256	6.086	492.4E6	137.2E6	50.314	51.135
11)	B alpha-Chl...	5.312	6.159	484.6E6	136.0E6	49.975	50.417
12)	B 4,4'-DDE	5.480	6.317	466.2E6	127.7E6	53.108	54.677
13)	MA Dieldrin	5.605	6.465	492.0E6	132.0E6	51.471	51.363
14)	MA Endrin	5.858	6.683	435.6E6	110.0E6	48.373	48.364
15)	B Endosulfa...	6.132	6.893	415.2E6	116.0E6	47.898	49.322
16)	A 4,4'-DDD	5.991	6.807	381.6E6	103.3E6	52.113	53.708
17)	MA 4,4'-DDT	6.226	7.104	338.5E6	96114581	45.133	48.704
18)	B Endrin al...	6.299	7.016	343.2E6	98504689	46.957	48.187
19)	B Endosulfa...	6.511	7.239	392.8E6	111.7E6	48.321	49.652
20)	A Methoxychlor	6.771	7.563	183.6E6	54572322	41.804	44.461
21)	B Endrin ke...	6.994	7.709	449.3E6	120.6E6	48.767	50.707
22)	Mirex	7.171	8.162	314.7E6	90585365	42.292	45.482

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032119\
Data File : PL046288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2019 18:39
Operator : AJ\SJ
Sample : K1989-04MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

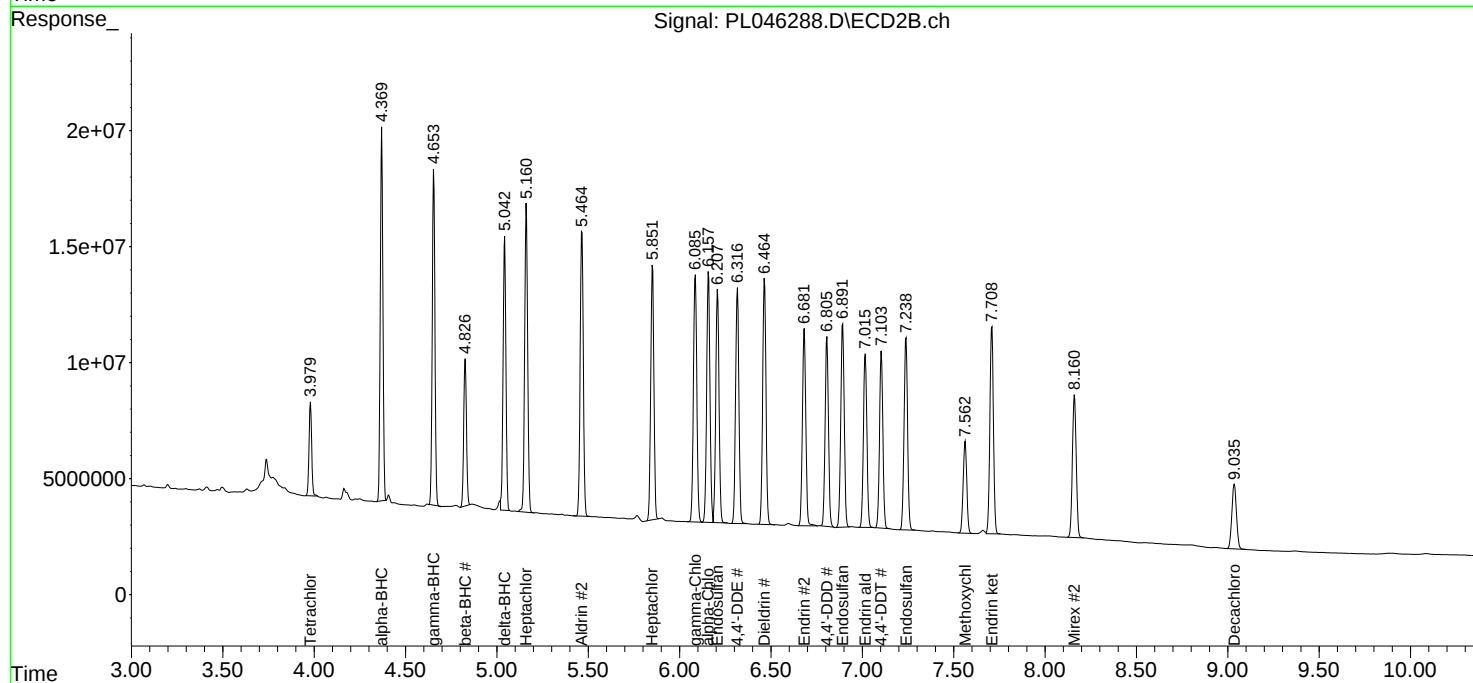
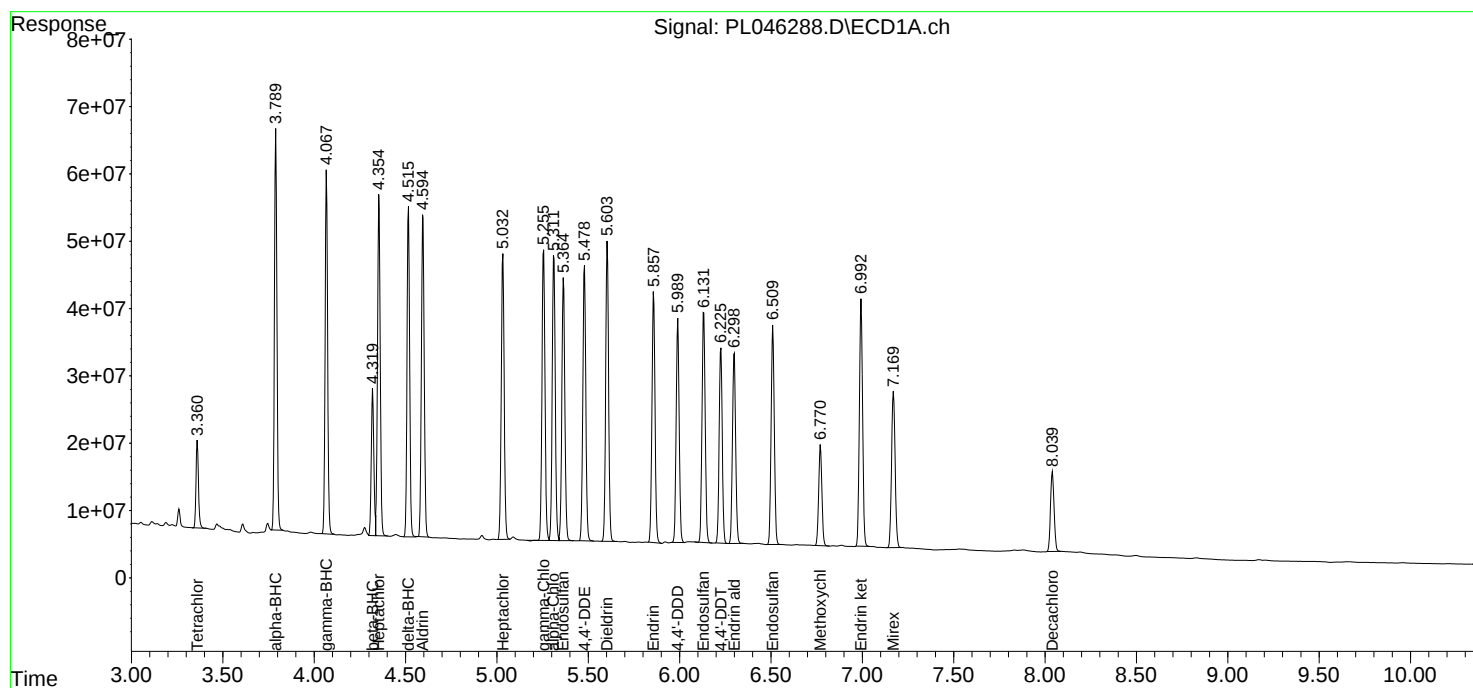
Instrument :
ECD_L
ClientSampled :
DRUM-1-2MSD

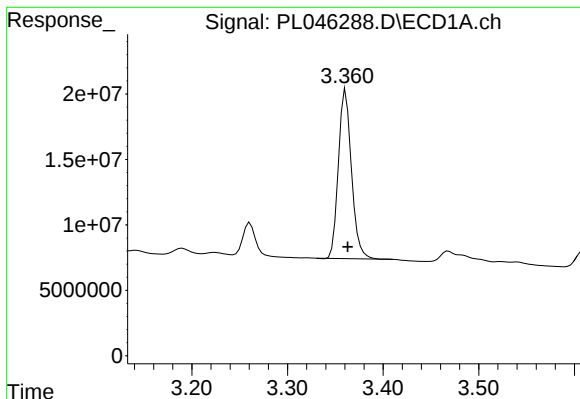
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 01:07:57 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 2019
Response 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





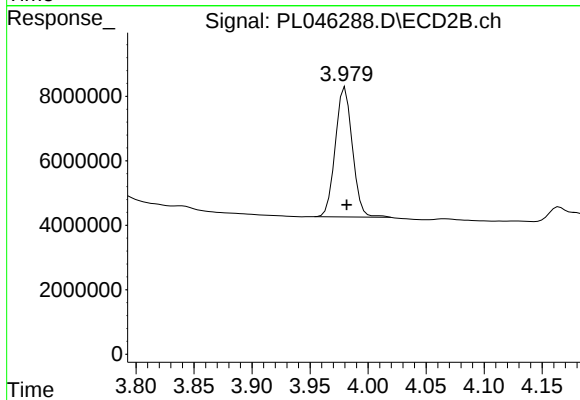
#1 Tetrachloro-m-xylene

R.T.: 3.361 min
Delta R.T.: -0.002 min
Response: 122587554
Conc: 17.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

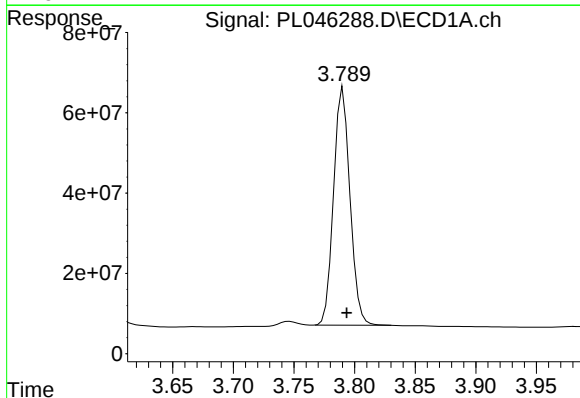
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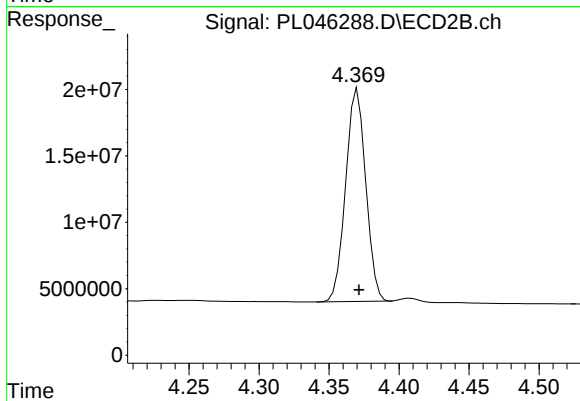
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.001 min
Response: 41246085
Conc: 19.26 ng/ml



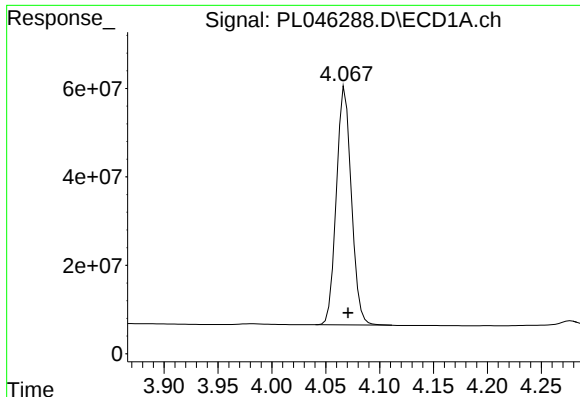
#2 alpha-BHC

R.T.: 3.791 min
Delta R.T.: -0.003 min
Response: 557501398
Conc: 50.19 ng/ml



#2 alpha-BHC

R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 160018031
Conc: 52.66 ng/ml



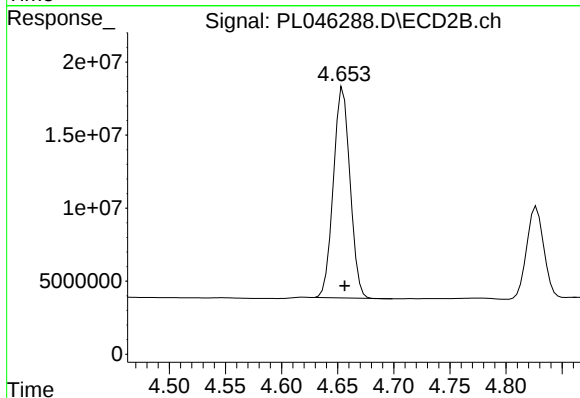
#3 gamma-BHC (Lindane)

R.T.: 4.068 min
Delta R.T.: -0.003 min
Response: 520239169
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

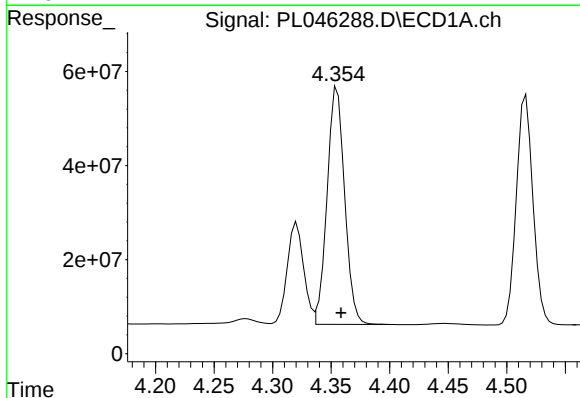
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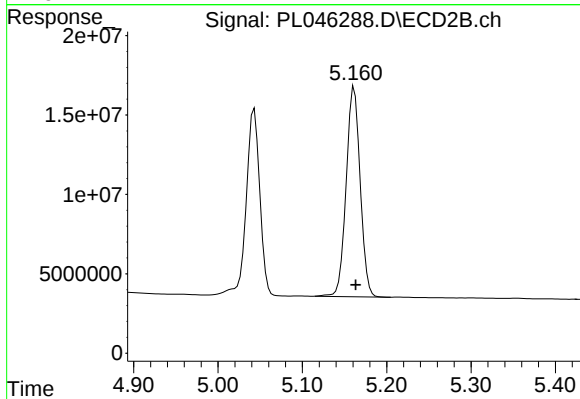
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 148907044
Conc: 52.72 ng/ml



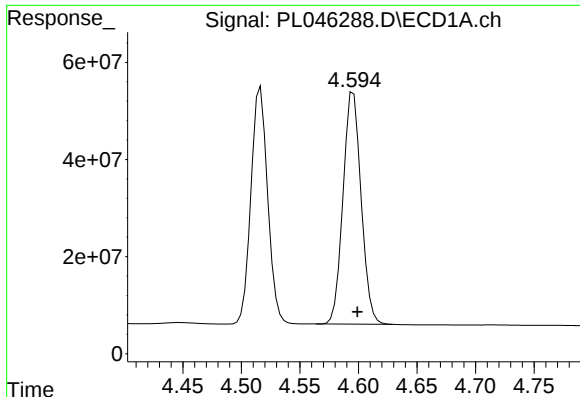
#4 Heptachlor

R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 526517940
Conc: 49.90 ng/ml



#4 Heptachlor

R.T.: 5.162 min
Delta R.T.: -0.002 min
Response: 152987445
Conc: 51.43 ng/ml



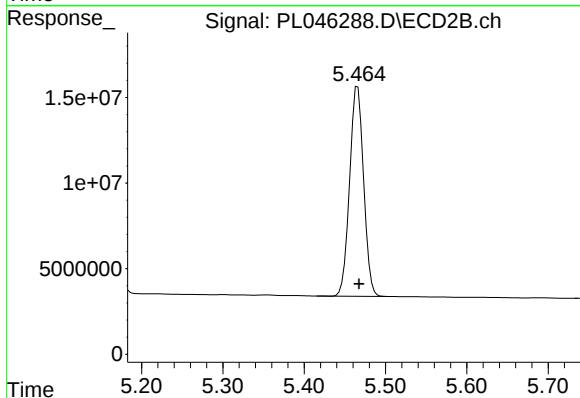
#5 Aldrin

R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 514143885
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

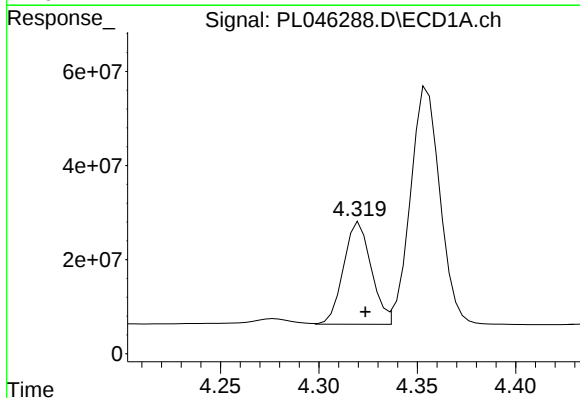
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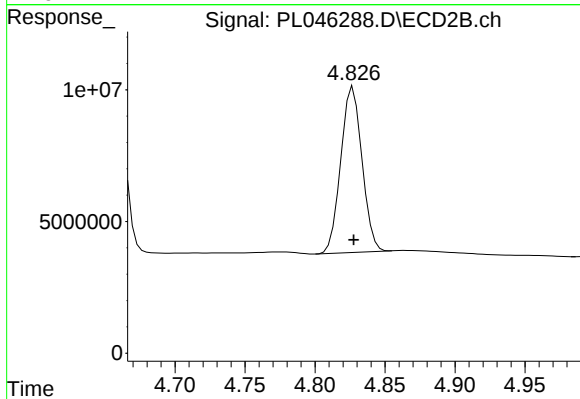
#5 Aldrin

R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 146254318
Conc: 54.15 ng/ml



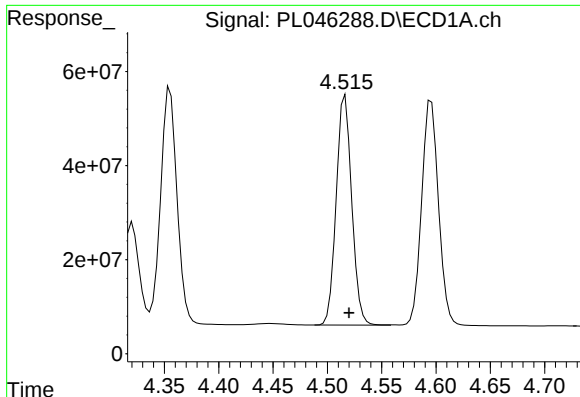
#6 beta-BHC

R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 212345225
Conc: 49.54 ng/ml



#6 beta-BHC

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 66354620
Conc: 52.25 ng/ml



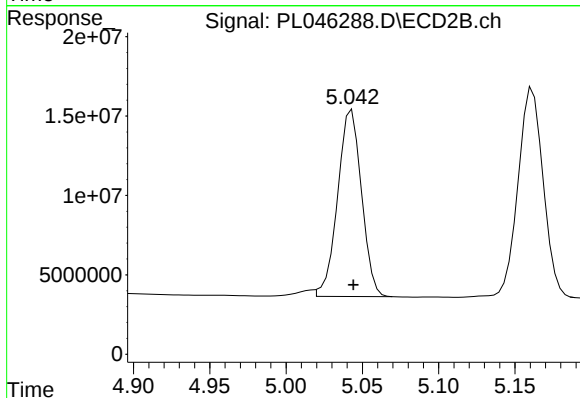
#7 delta-BHC

R.T.: 4.516 min
Delta R.T.: -0.004 min
Response: 485526613
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

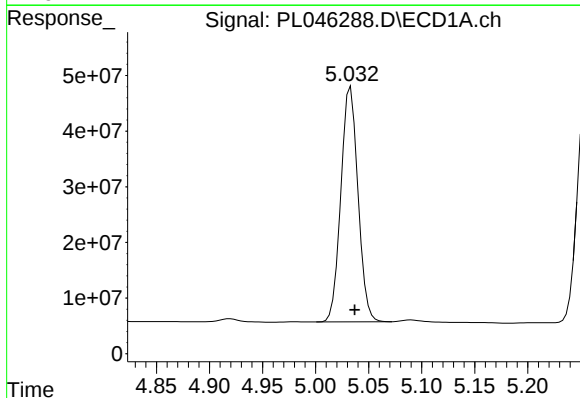
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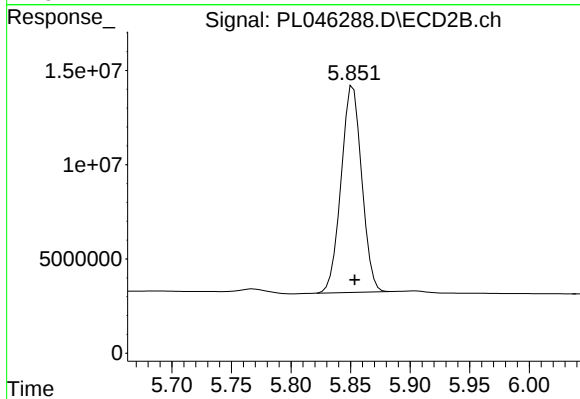
#7 delta-BHC

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 127654979
Conc: 59.35 ng/ml m



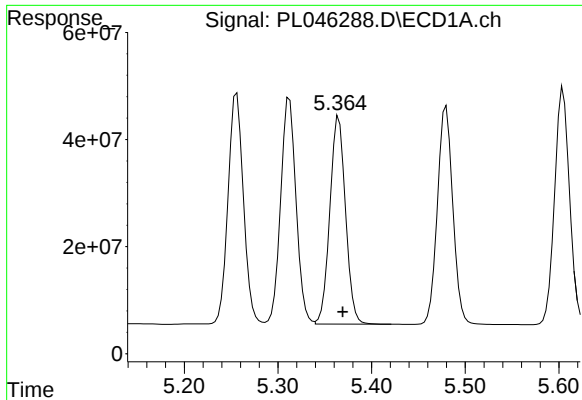
#8 Heptachlor epoxide

R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 473232851
Conc: 50.70 ng/ml



#8 Heptachlor epoxide

R.T.: 5.852 min
Delta R.T.: -0.002 min
Response: 131924153
Conc: 54.92 ng/ml



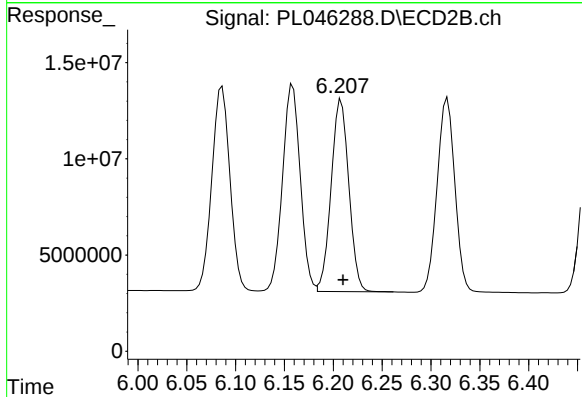
#9 Endosulfan I

R.T.: 5.365 min
Delta R.T.: -0.004 min
Response: 451807855
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

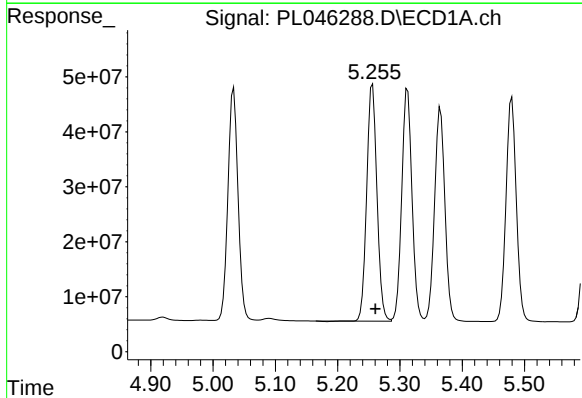
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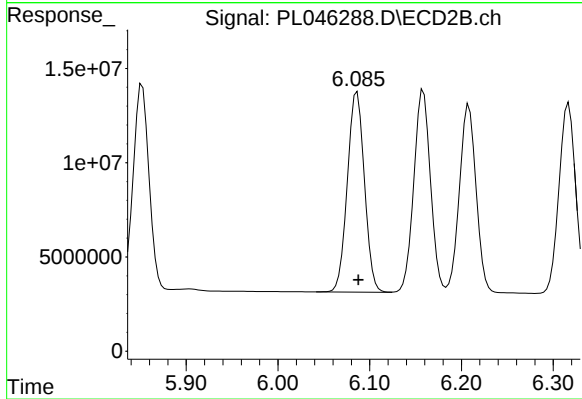
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 126065016
Conc: 50.62 ng/ml



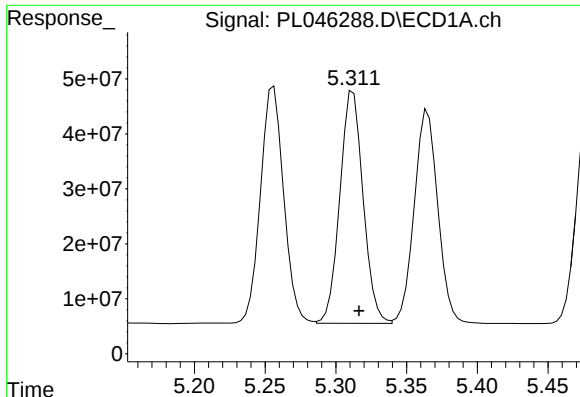
#10 gamma-Chlordane

R.T.: 5.256 min
Delta R.T.: -0.005 min
Response: 492424728
Conc: 50.31 ng/ml



#10 gamma-Chlordane

R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 137192505
Conc: 51.14 ng/ml



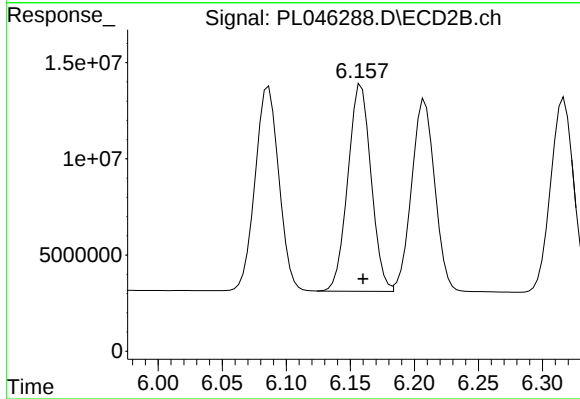
#11 alpha-Chlordane

R.T.: 5.312 min
Delta R.T.: -0.004 min
Response: 484608420
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

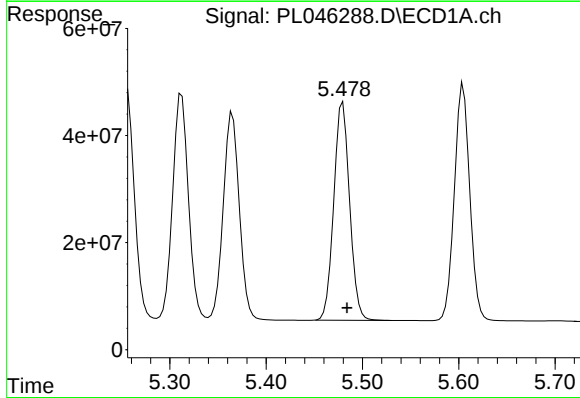
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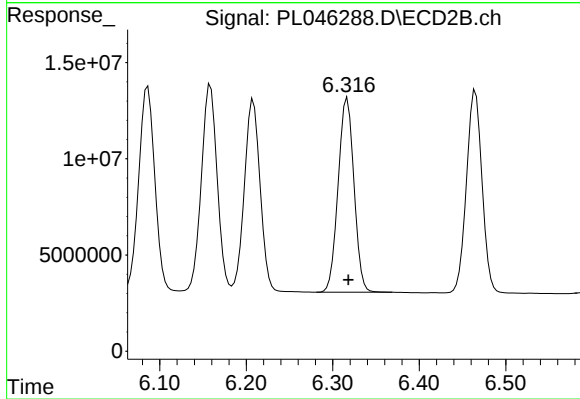
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 136010279
Conc: 50.42 ng/ml



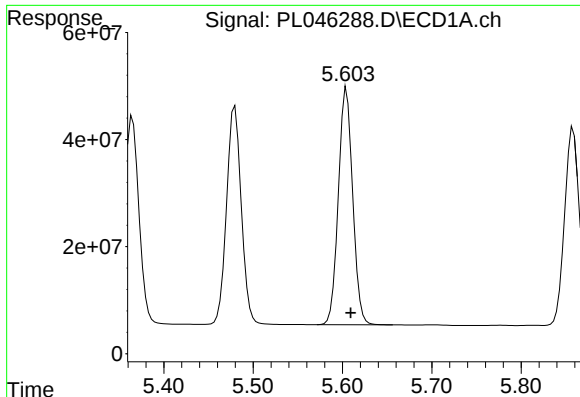
#12 4,4'-DDE

R.T.: 5.480 min
Delta R.T.: -0.004 min
Response: 466192863
Conc: 53.11 ng/ml



#12 4,4'-DDE

R.T.: 6.317 min
Delta R.T.: -0.001 min
Response: 127720336
Conc: 54.68 ng/ml



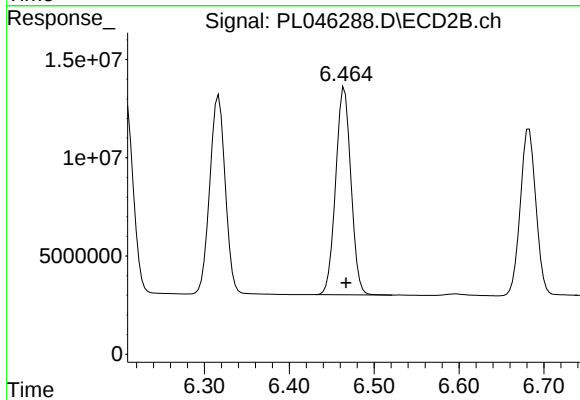
#13 Dieldrin

R.T.: 5.605 min
Delta R.T.: -0.004 min
Response: 491954771
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

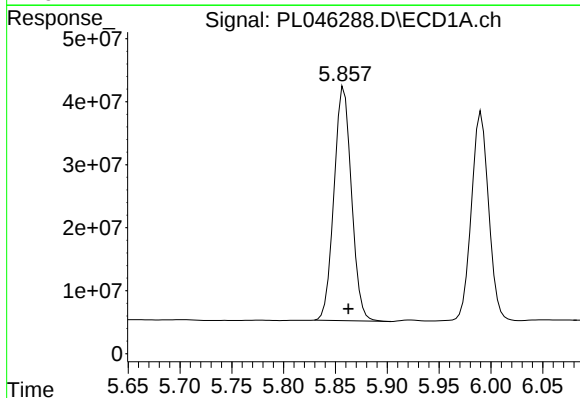
Manual Integrations
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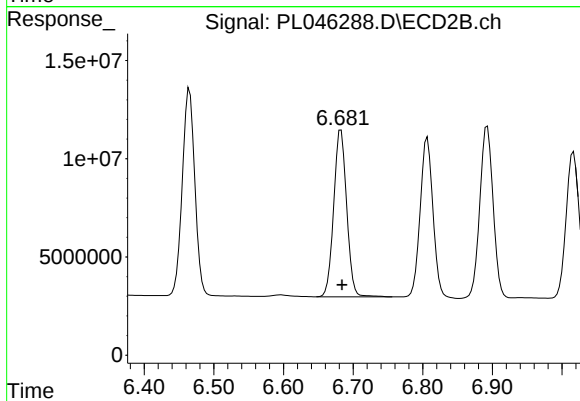
#13 Dieldrin

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 131989349
Conc: 51.36 ng/ml



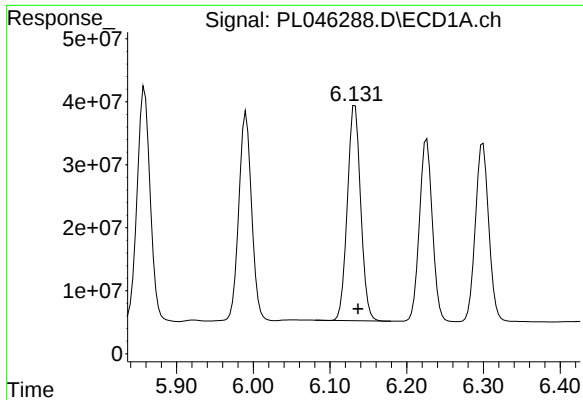
#14 Endrin

R.T.: 5.858 min
Delta R.T.: -0.004 min
Response: 435632998
Conc: 48.37 ng/ml



#14 Endrin

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 110041388
Conc: 48.36 ng/ml



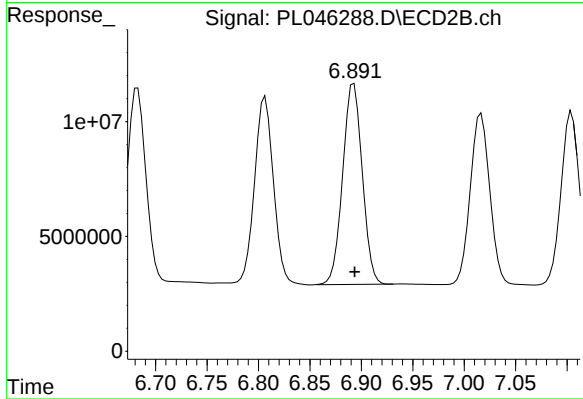
#15 Endosulfan II

R.T.: 6.132 min
Delta R.T.: -0.004 min
Response: 415206253
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

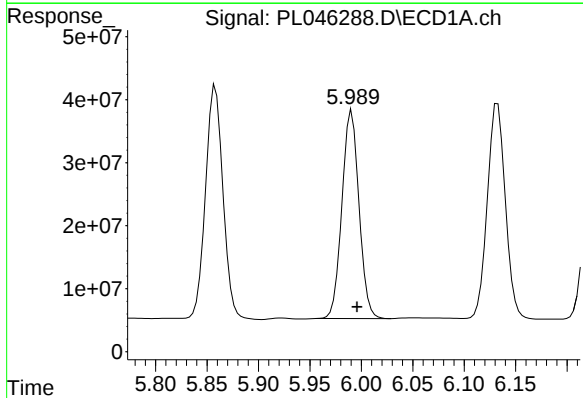
Manual Integrations
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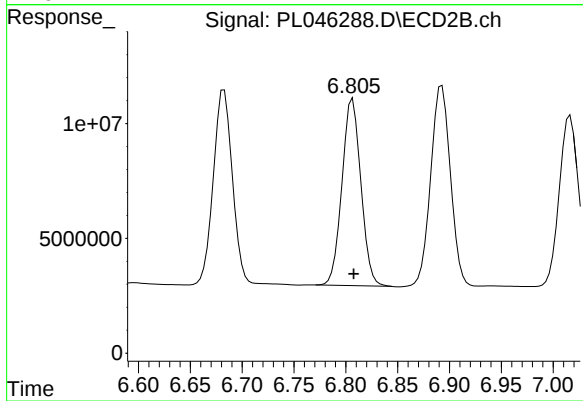
#15 Endosulfan II

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 115986443
Conc: 49.32 ng/ml



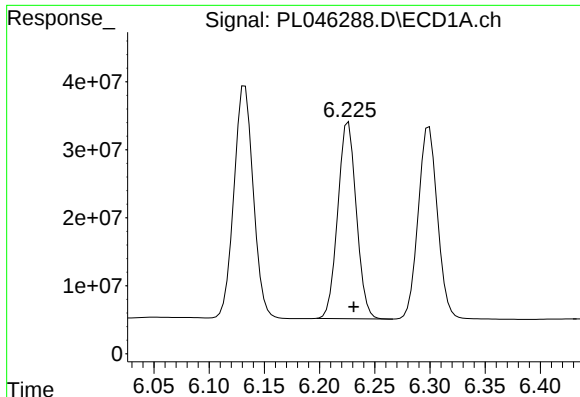
#16 4,4'-DDD

R.T.: 5.991 min
Delta R.T.: -0.005 min
Response: 381559742
Conc: 52.11 ng/ml



#16 4,4'-DDD

R.T.: 6.807 min
Delta R.T.: -0.001 min
Response: 103284710
Conc: 53.71 ng/ml



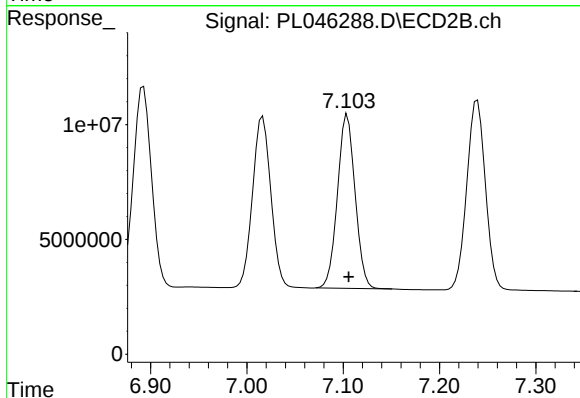
#17 4,4'-DDT

R.T.: 6.226 min
Delta R.T.: -0.005 min
Response: 338506009
Conc: 45.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

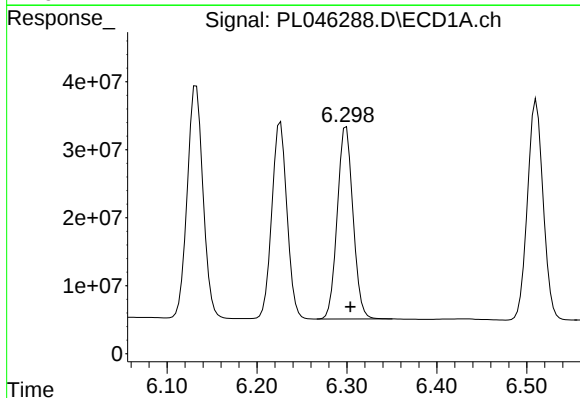
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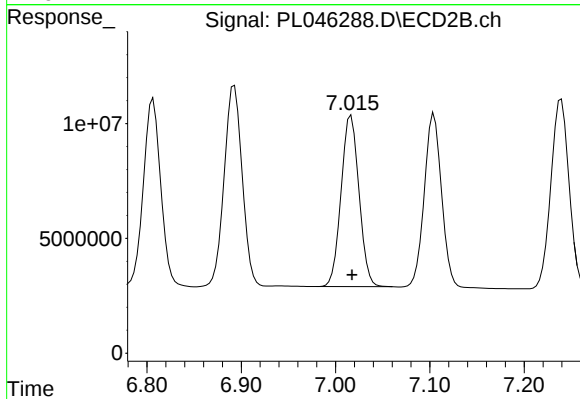
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: -0.001 min
Response: 96114581
Conc: 48.70 ng/ml



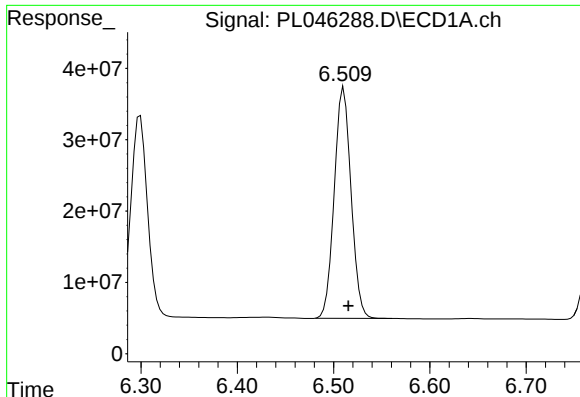
#18 Endrin aldehyde

R.T.: 6.299 min
Delta R.T.: -0.004 min
Response: 343237929
Conc: 46.96 ng/ml



#18 Endrin aldehyde

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 98504689
Conc: 48.19 ng/ml



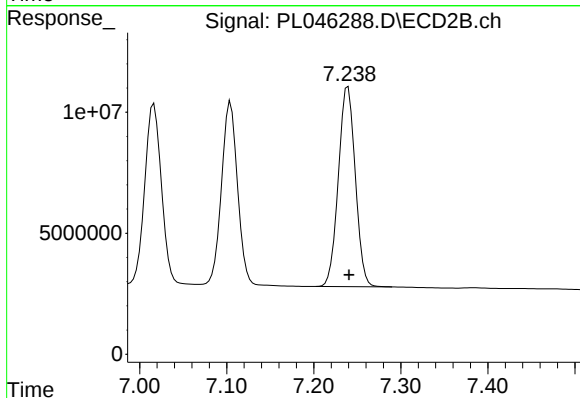
#19 Endosulfan Sulfate

R.T.: 6.511 min
Delta R.T.: -0.005 min
Response: 392758401
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

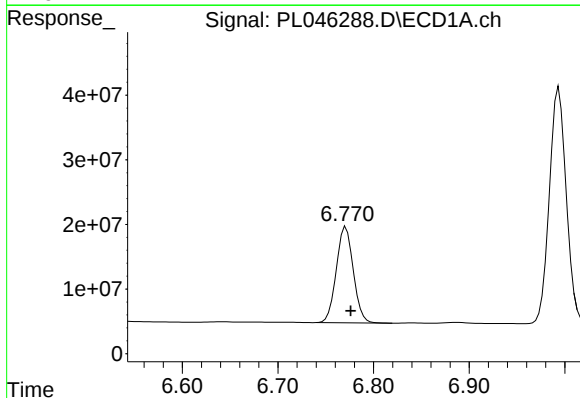
Manual Integrations
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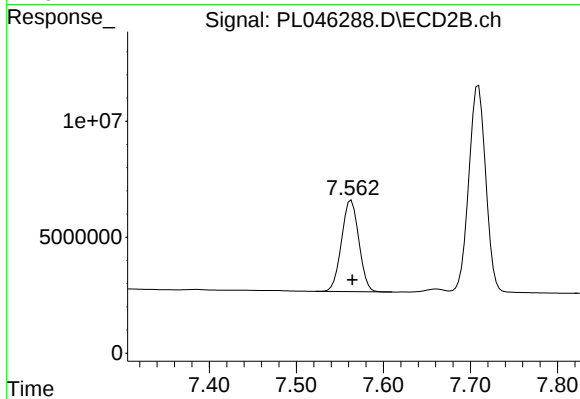
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: -0.001 min
Response: 111692257
Conc: 49.65 ng/ml



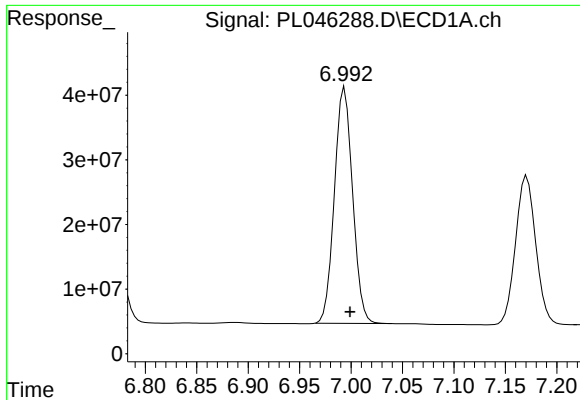
#20 Methoxychlor

R.T.: 6.771 min
Delta R.T.: -0.005 min
Response: 183592888
Conc: 41.80 ng/ml



#20 Methoxychlor

R.T.: 7.563 min
Delta R.T.: -0.001 min
Response: 54572322
Conc: 44.46 ng/ml



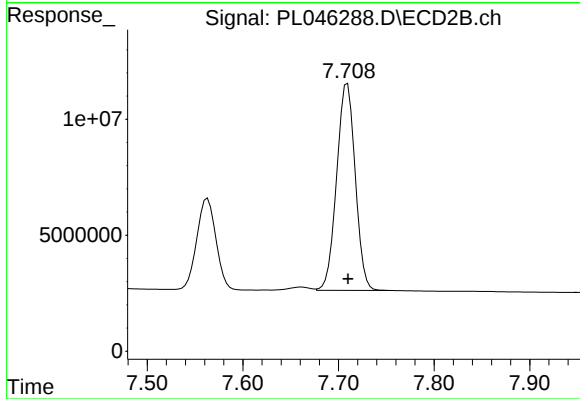
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.005 min
Response: 449284878
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

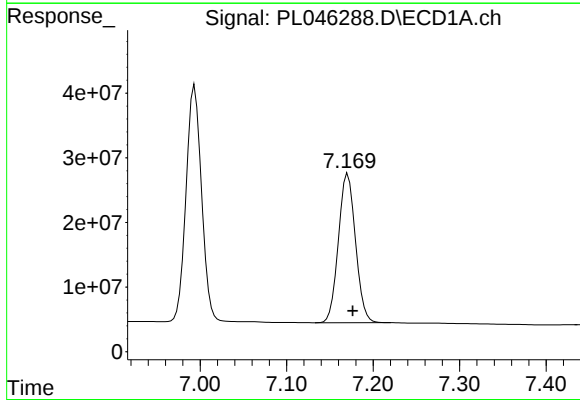
Manual Integrations
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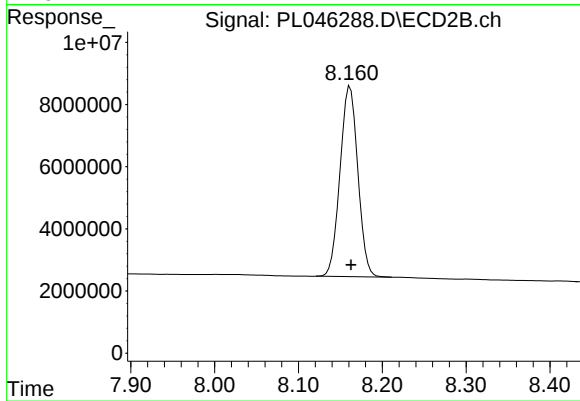
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 120600636
Conc: 50.71 ng/ml



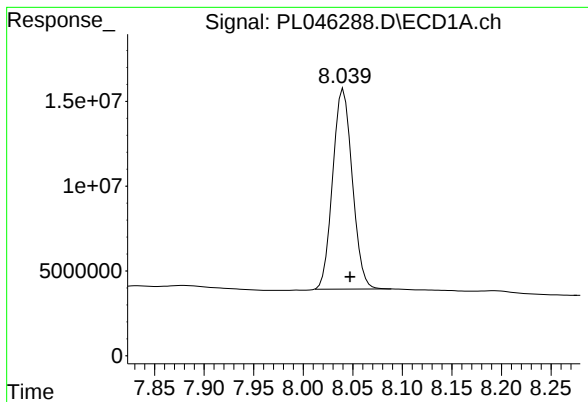
#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.005 min
Response: 314659505
Conc: 42.29 ng/ml



#22 Mirex

R.T.: 8.162 min
Delta R.T.: -0.001 min
Response: 90585365
Conc: 45.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.041 min

Delta R.T.: -0.007 min

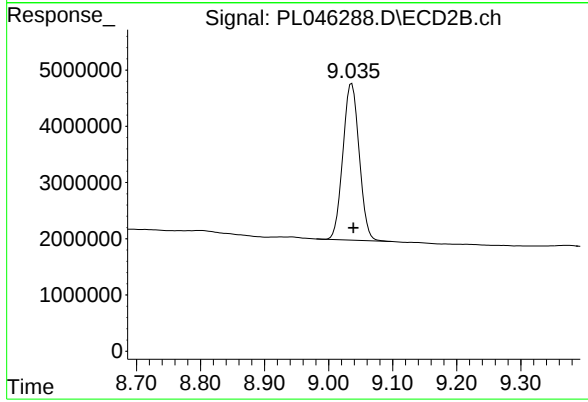
Response: 162433944

Conc: 19.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MSD

Manual Integrations
APPROVED

Sohil
3/22/2019 10:49:56 AM



#28 Decachlorobiphenyl

R.T.: 9.036 min

Delta R.T.: -0.003 min

Response: 49138458

Conc: 21.51 ng/ml