

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032119\
 Data File : PL046287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2019 18:25
 Operator : AJ\SJ
 Sample : K1989-04MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 DRUM-1-2MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:07:40 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	120.4E6	41406707	17.508	19.335
28)	SA Decachlor...	8.040	9.036	165.6E6	50940299	19.793	22.294
Target Compounds							
2)	A alpha-BHC	3.790	4.370	557.0E6	161.1E6	50.144	53.002
3)	MA gamma-BHC...	4.067	4.654	516.7E6	151.0E6	51.119	53.442
4)	MA Heptachlor	4.355	5.161	525.4E6	157.2E6	49.795	52.838
5)	MB Aldrin	4.595	5.465	510.9E6	147.8E6	52.530	54.727
6)	B beta-BHC	4.320	4.827	212.0E6	68578940	49.454	54.001
7)	B delta-BHC	4.516	5.041	482.9E6	126.8E6	50.524	58.934m
8)	B Heptachlo...	5.033	5.851	474.0E6	133.6E6	50.783	55.632
9)	A Endosulfan I	5.364	6.208	451.1E6	129.2E6	50.468	51.900
10)	B gamma-Chl...	5.256	6.085	490.5E6	139.9E6	50.121	52.149
11)	B alpha-Chl...	5.312	6.157	486.3E6	139.2E6	50.150	51.590
12)	B 4,4'-DDE	5.479	6.316	454.2E6	126.7E6	51.742	54.254
13)	MA Dieldrin	5.604	6.465	491.3E6	134.5E6	51.404	52.325
14)	MA Endrin	5.857	6.682	432.6E6	112.3E6	48.042	49.353
15)	B Endosulfa...	6.132	6.892	414.4E6	118.7E6	47.810	50.474
16)	A 4,4'-DDD	5.991	6.806	378.5E6	105.0E6	51.697	54.602
17)	MA 4,4'-DDT	6.226	7.104	337.3E6	99396186	44.969	50.367
18)	B Endrin al...	6.298	7.016	343.5E6	101.9E6	46.995	49.842
19)	B Endosulfa...	6.510	7.239	395.5E6	116.0E6	48.656	51.558
20)	A Methoxychlor	6.771	7.563	184.9E6	57012249	42.100	46.449
21)	B Endrin ke...	6.993	7.708	447.8E6	124.4E6	48.610	52.324
22)	Mirex	7.170	8.161	316.7E6	91977116	42.561	46.180

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032119\
Data File : PL046287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2019 18:25
Operator : AJ\SJ
Sample : K1989-04MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

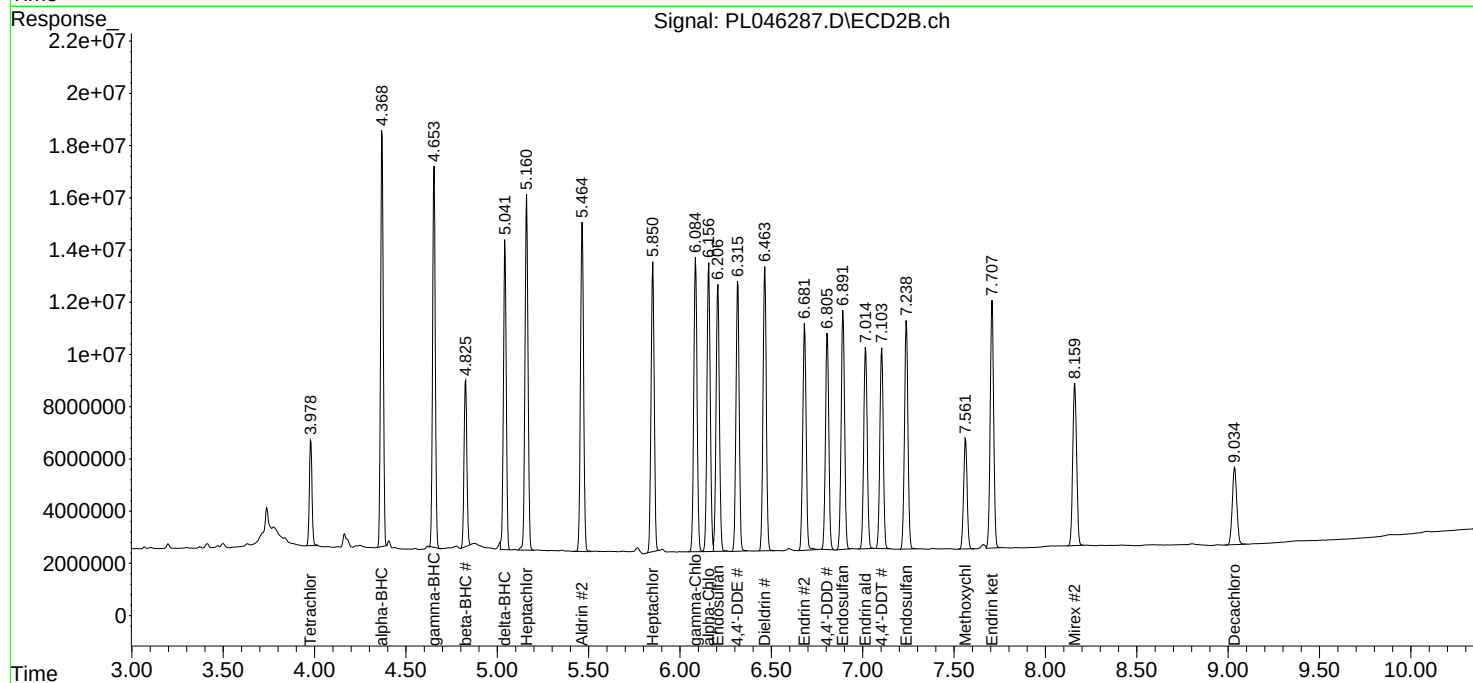
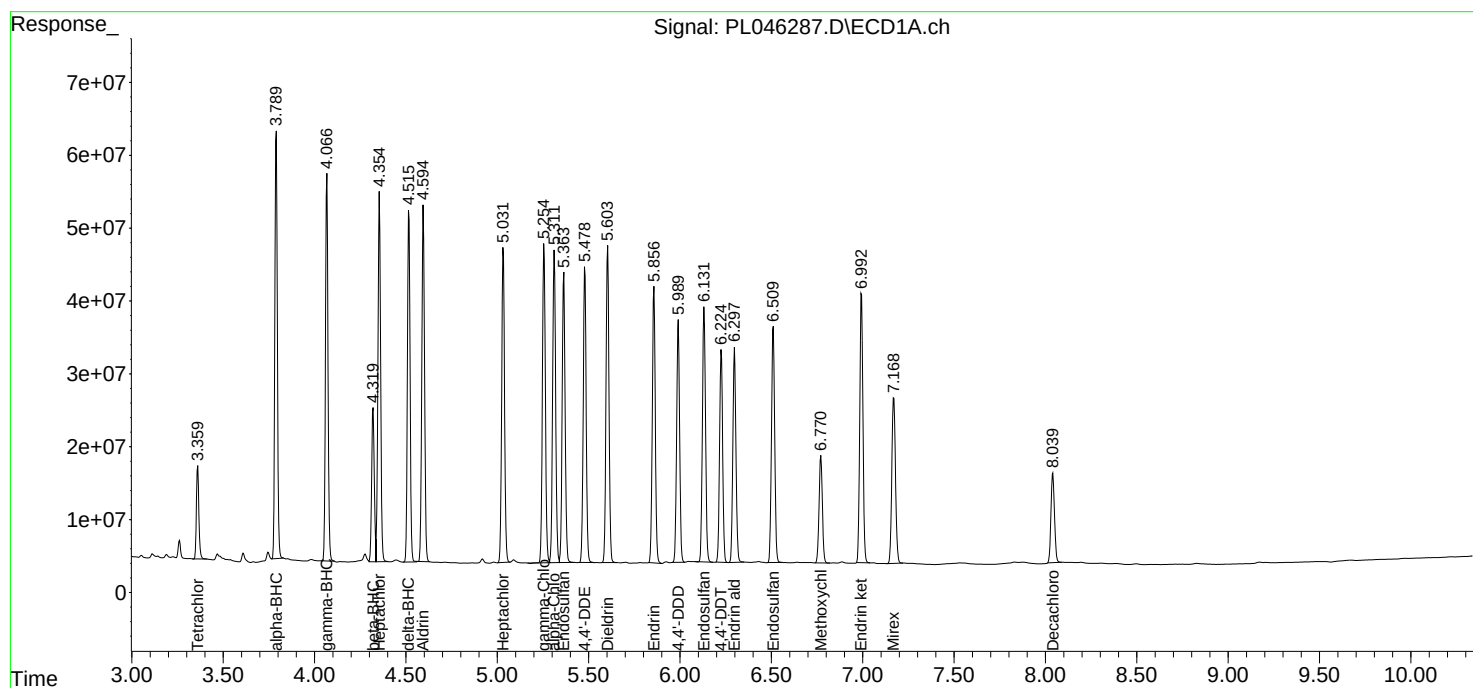
Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

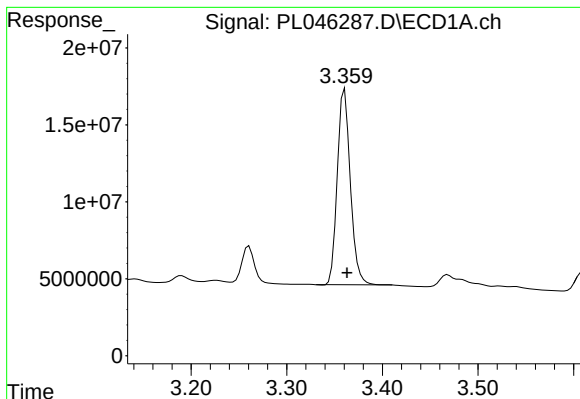
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 01:07:40 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 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





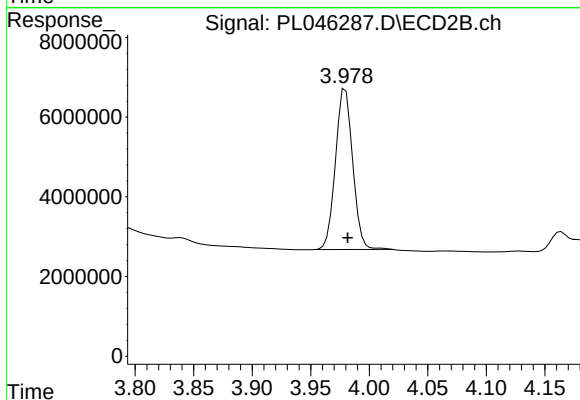
#1 Tetrachloro-m-xylene

R.T.: 3.361 min
Delta R.T.: -0.002 min
Response: 120442459
Conc: 17.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

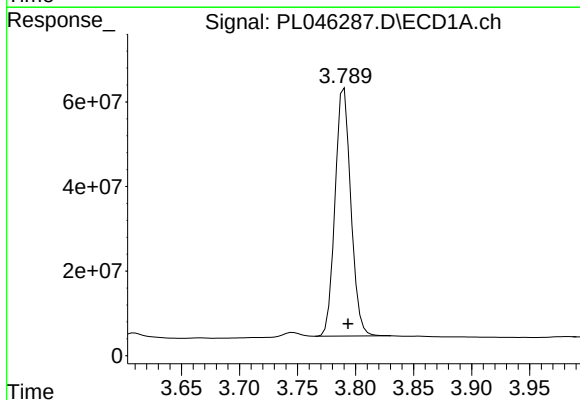
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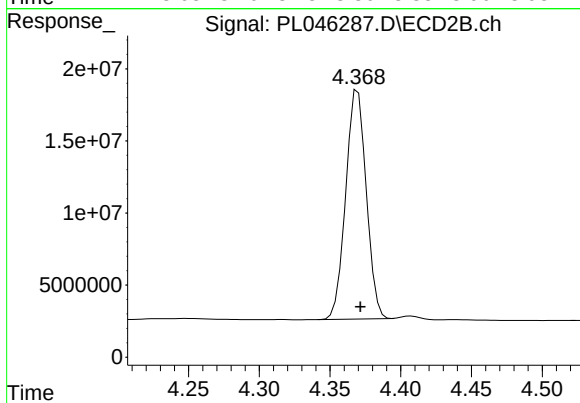
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 41406707
Conc: 19.34 ng/ml



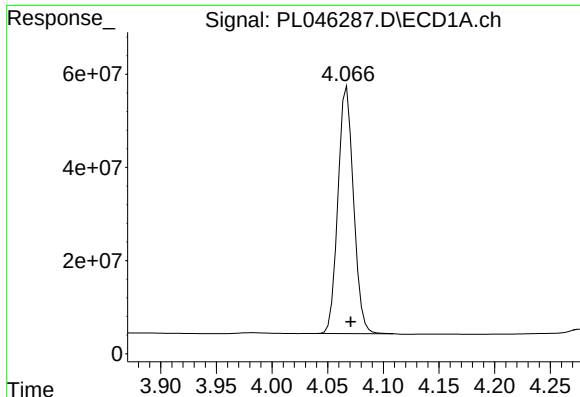
#2 alpha-BHC

R.T.: 3.790 min
Delta R.T.: -0.003 min
Response: 556969164
Conc: 50.14 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: -0.002 min
Response: 161055589
Conc: 53.00 ng/ml



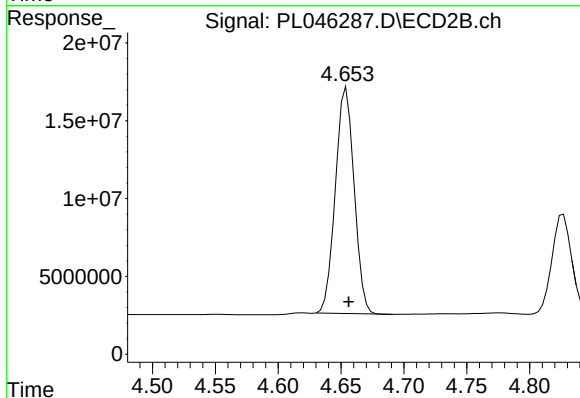
#3 gamma-BHC (Lindane)

R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 516665511
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

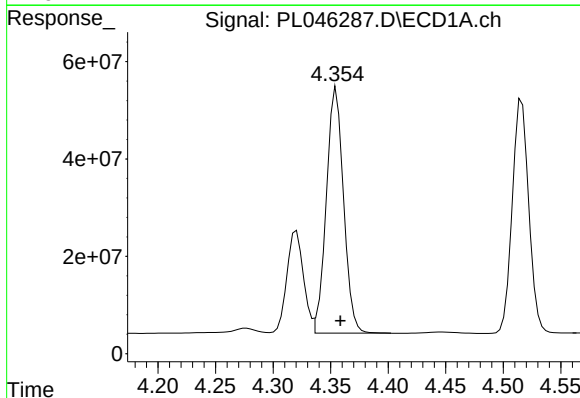
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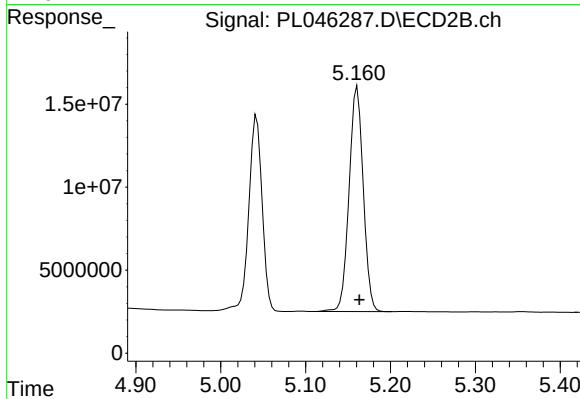
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 150954405
Conc: 53.44 ng/ml



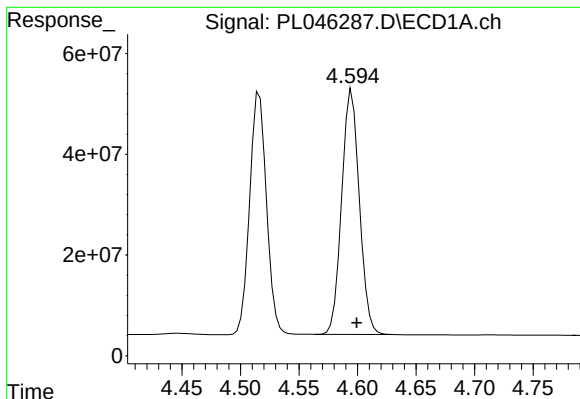
#4 Heptachlor

R.T.: 4.355 min
Delta R.T.: -0.004 min
Response: 525449642
Conc: 49.79 ng/ml



#4 Heptachlor

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 157189601
Conc: 52.84 ng/ml



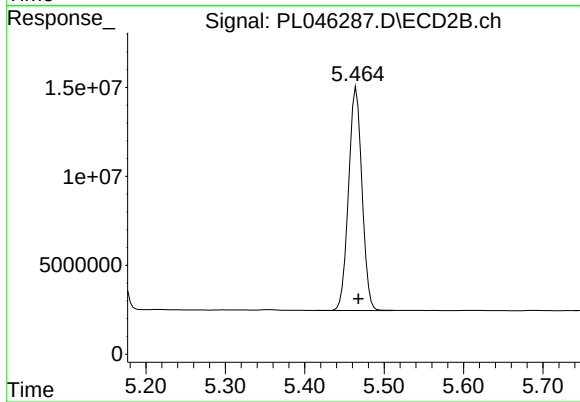
#5 Aldrin

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 510928369
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

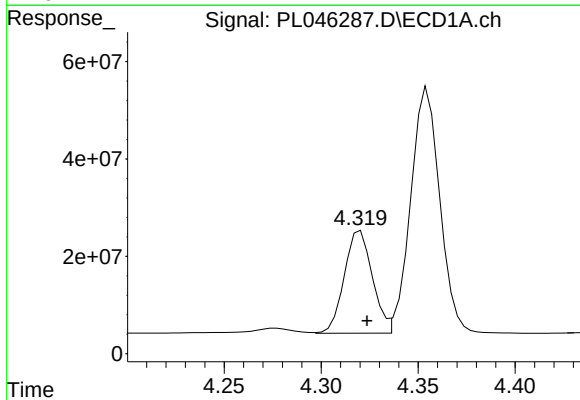
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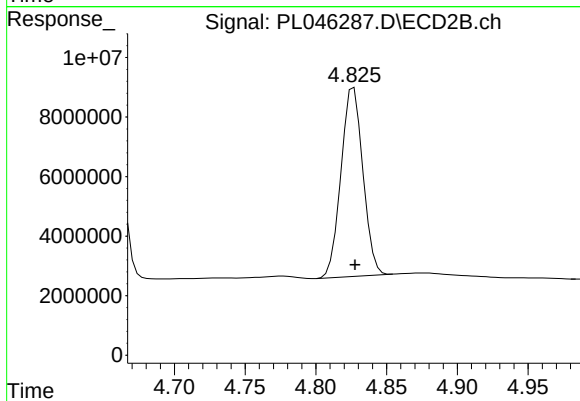
#5 Aldrin

R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 147815071
Conc: 54.73 ng/ml



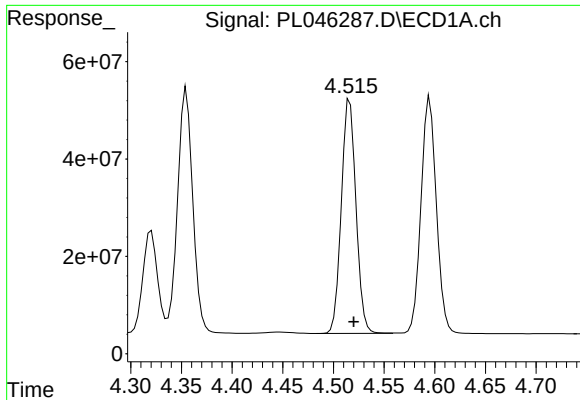
#6 beta-BHC

R.T.: 4.320 min
Delta R.T.: -0.003 min
Response: 211961320
Conc: 49.45 ng/ml



#6 beta-BHC

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 68578940
Conc: 54.00 ng/ml



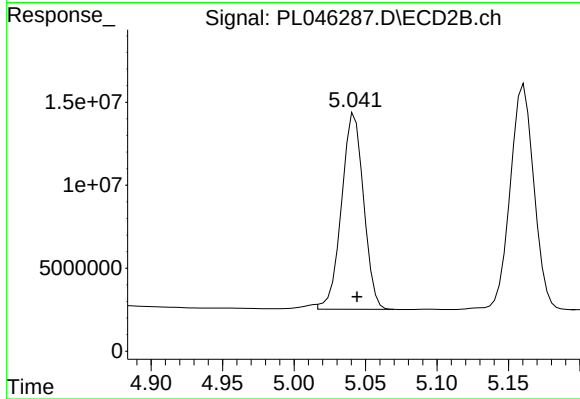
#7 delta-BHC

R.T.: 4.516 min
Delta R.T.: -0.004 min
Response: 482907188
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

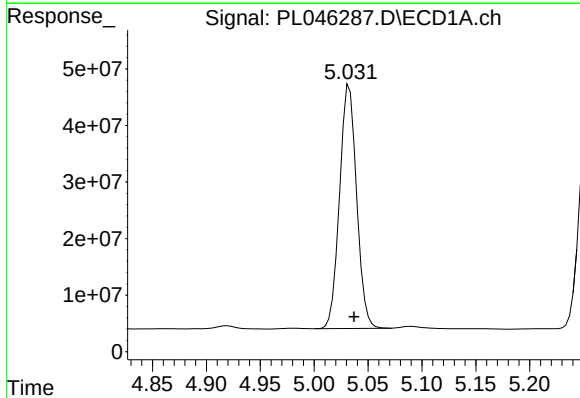
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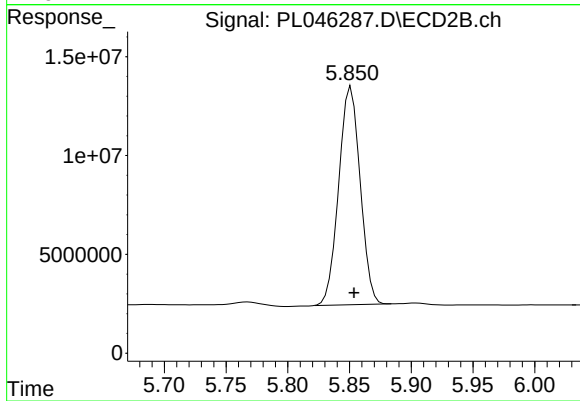
#7 delta-BHC

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 126761428
Conc: 58.93 ng/ml m



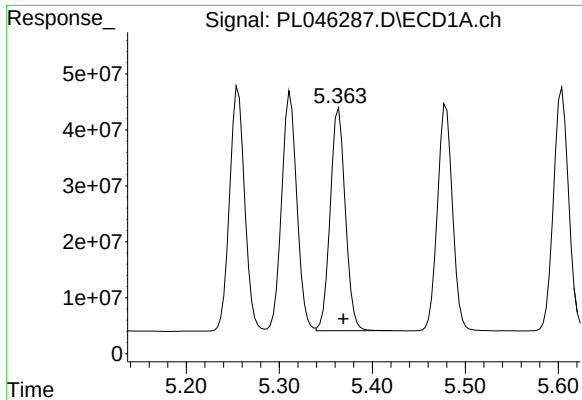
#8 Heptachlor epoxide

R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 473959724
Conc: 50.78 ng/ml



#8 Heptachlor epoxide

R.T.: 5.851 min
Delta R.T.: -0.002 min
Response: 133625207
Conc: 55.63 ng/ml



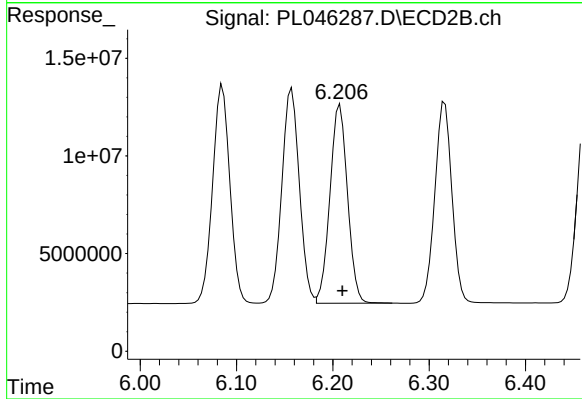
#9 Endosulfan I

R.T.: 5.364 min
Delta R.T.: -0.005 min
Response: 451100910
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

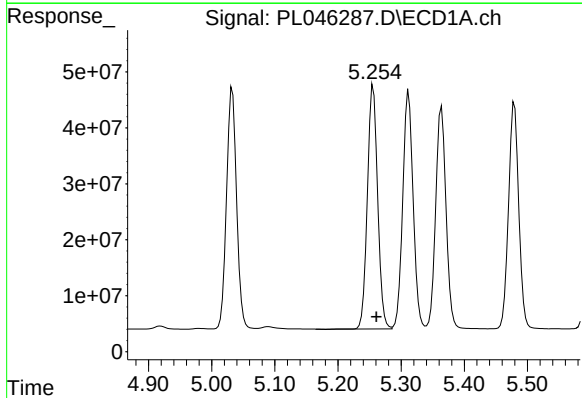
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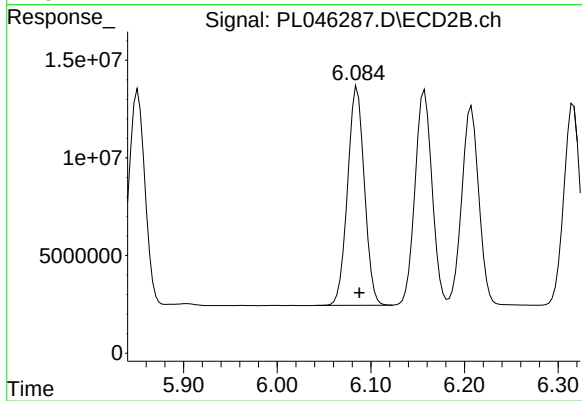
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 129246346
Conc: 51.90 ng/ml



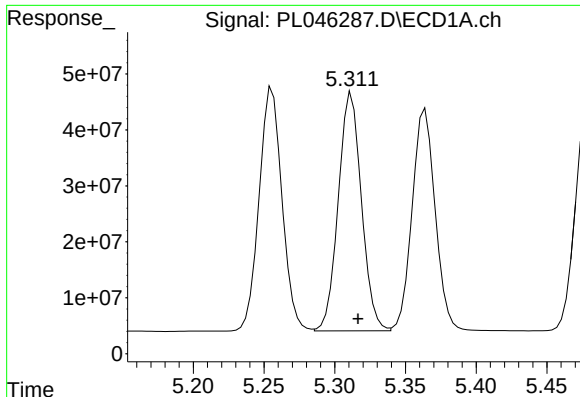
#10 gamma-Chlordane

R.T.: 5.256 min
Delta R.T.: -0.005 min
Response: 490535086
Conc: 50.12 ng/ml



#10 gamma-Chlordane

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 139913208
Conc: 52.15 ng/ml



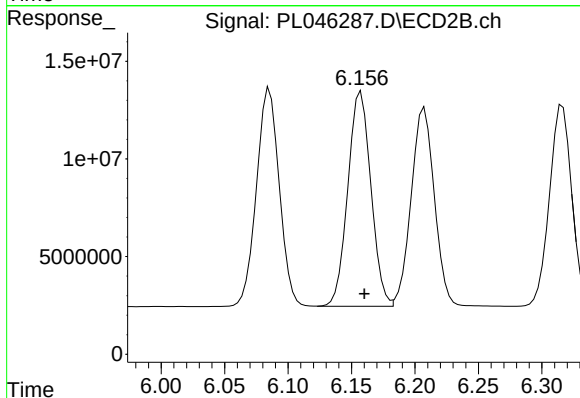
#11 alpha-Chlordane

R.T.: 5.312 min
Delta R.T.: -0.005 min
Response: 486298621
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

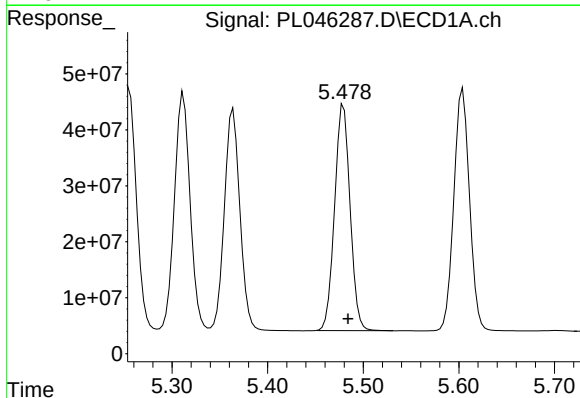
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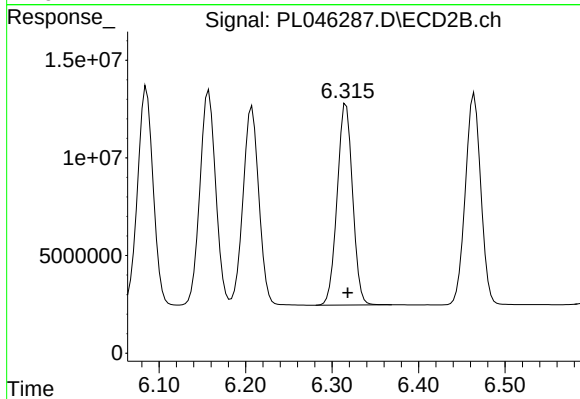
#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 139172524
Conc: 51.59 ng/ml



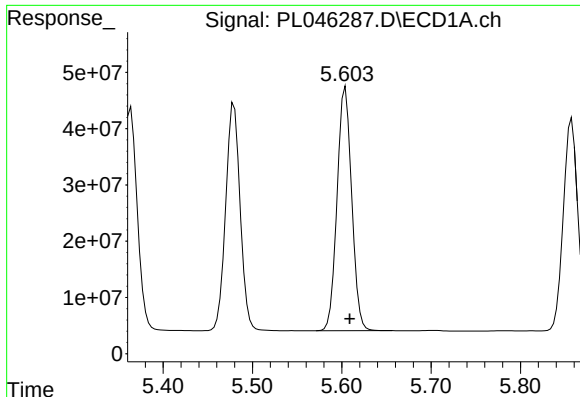
#12 4,4'-DDE

R.T.: 5.479 min
Delta R.T.: -0.005 min
Response: 454200490
Conc: 51.74 ng/ml



#12 4,4'-DDE

R.T.: 6.316 min
Delta R.T.: -0.002 min
Response: 126732073
Conc: 54.25 ng/ml



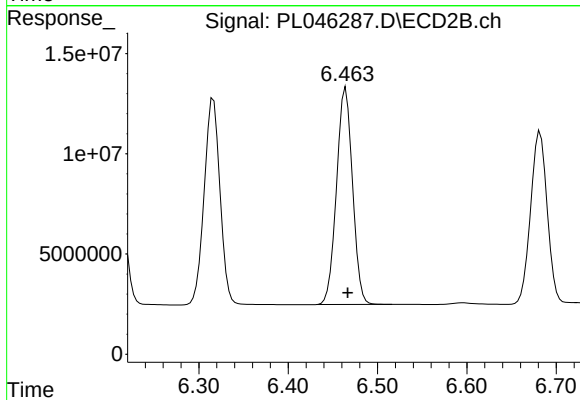
#13 Dieldrin

R.T.: 5.604 min
Delta R.T.: -0.005 min
Response: 491319134
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

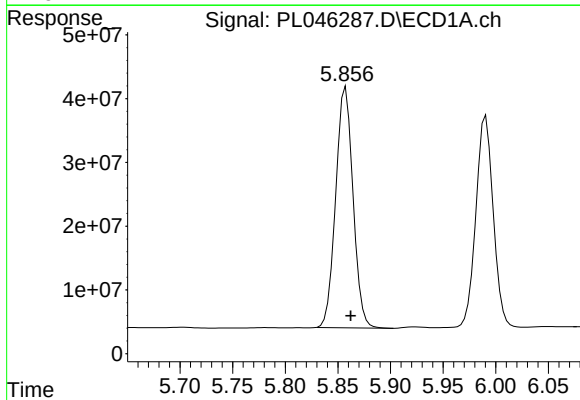
Manual Integrations
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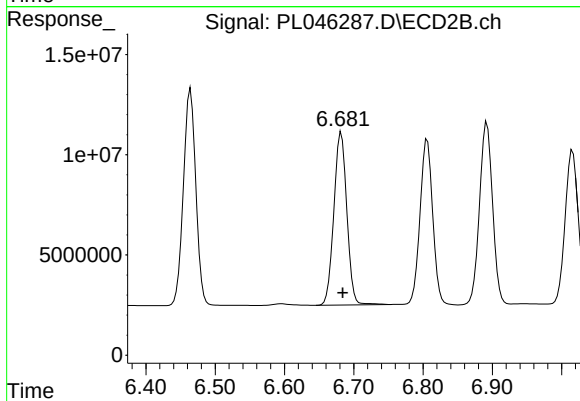
#13 Dieldrin

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 134462257
Conc: 52.33 ng/ml



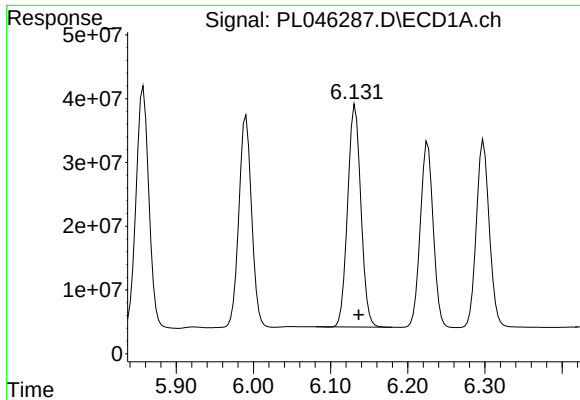
#14 Endrin

R.T.: 5.857 min
Delta R.T.: -0.005 min
Response: 432649591
Conc: 48.04 ng/ml



#14 Endrin

R.T.: 6.682 min
Delta R.T.: -0.002 min
Response: 112292120
Conc: 49.35 ng/ml



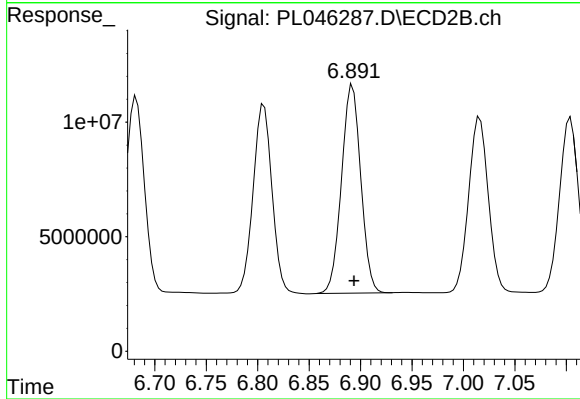
#15 Endosulfan II

R.T.: 6.132 min
Delta R.T.: -0.005 min
Response: 414444923
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

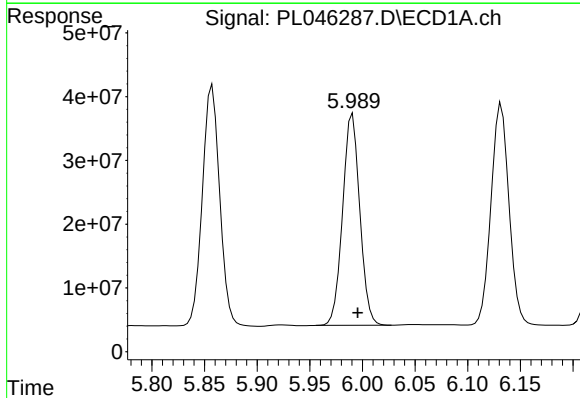
Manual Integrations
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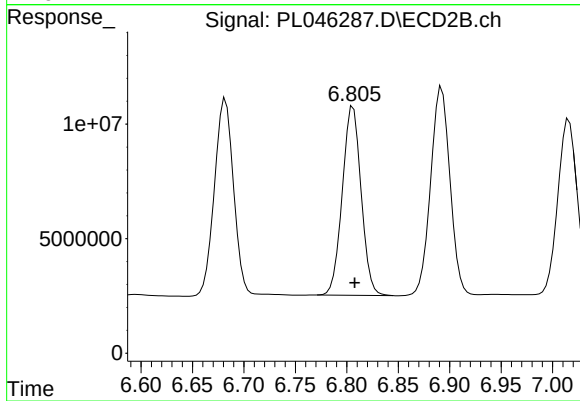
#15 Endosulfan II

R.T.: 6.892 min
Delta R.T.: -0.001 min
Response: 118695418
Conc: 50.47 ng/ml



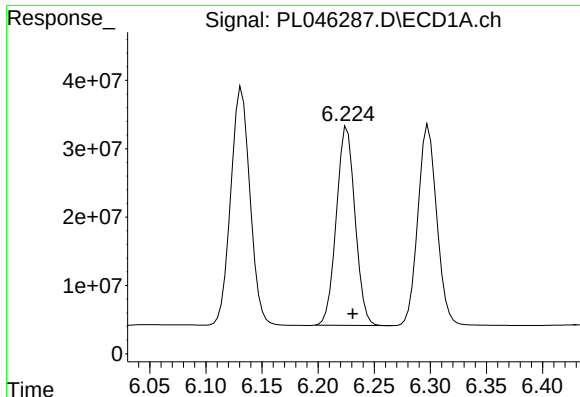
#16 4,4'-DDD

R.T.: 5.991 min
Delta R.T.: -0.005 min
Response: 378513834
Conc: 51.70 ng/ml



#16 4,4'-DDD

R.T.: 6.806 min
Delta R.T.: -0.002 min
Response: 105005273
Conc: 54.60 ng/ml



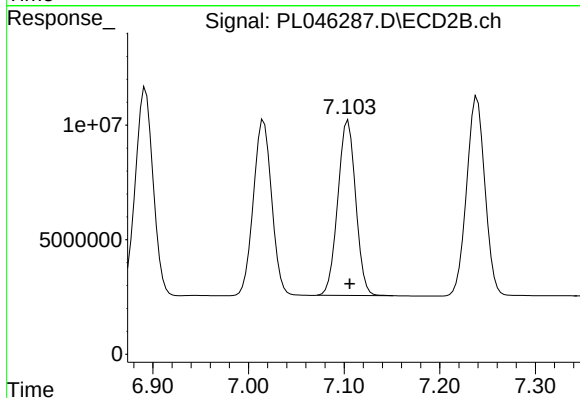
#17 4,4'-DDT

R.T.: 6.226 min
Delta R.T.: -0.005 min
Response: 337275654
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

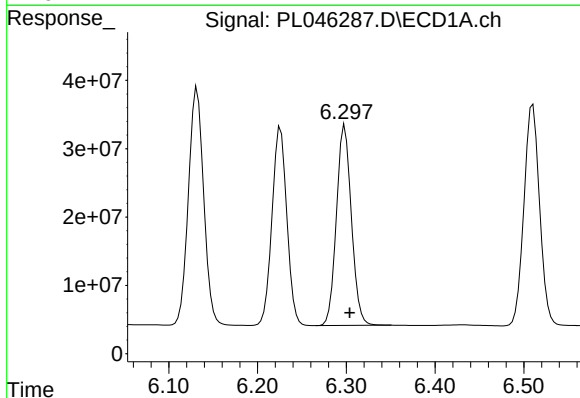
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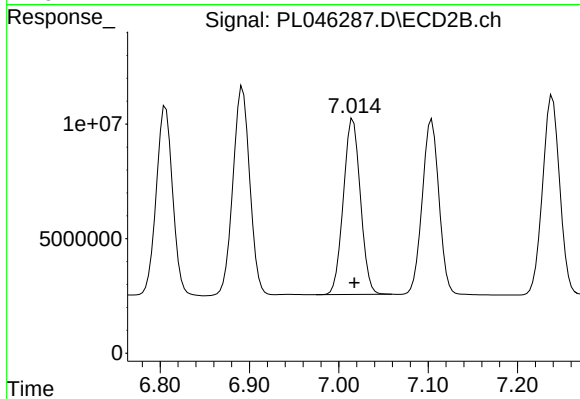
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: -0.002 min
Response: 99396186
Conc: 50.37 ng/ml



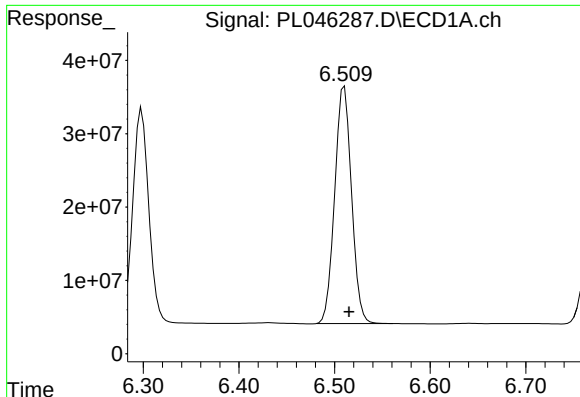
#18 Endrin aldehyde

R.T.: 6.298 min
Delta R.T.: -0.005 min
Response: 343513177
Conc: 46.99 ng/ml



#18 Endrin aldehyde

R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 101887096
Conc: 49.84 ng/ml



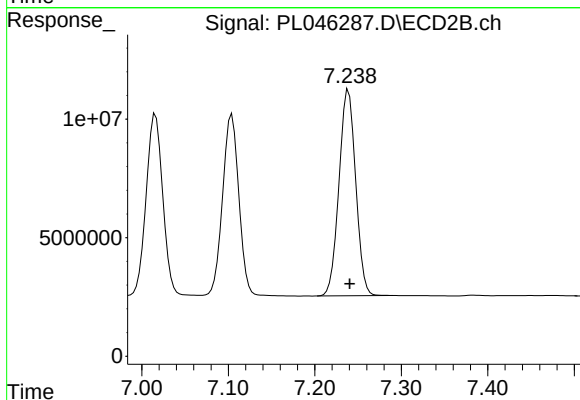
#19 Endosulfan Sulfate

R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 395485204
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

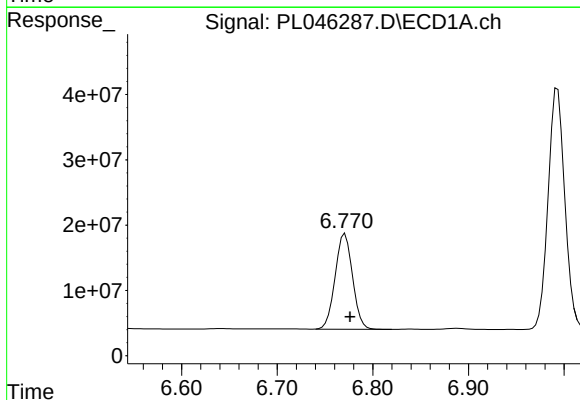
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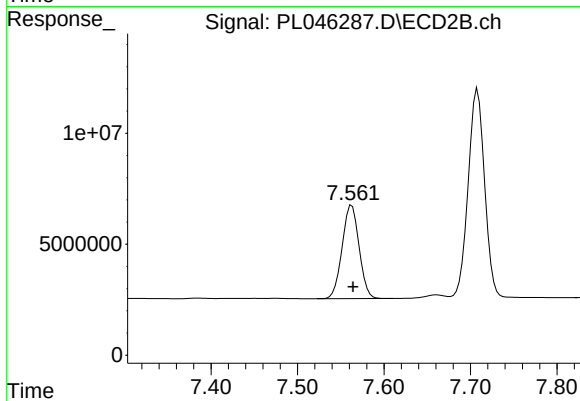
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: -0.002 min
Response: 115980987
Conc: 51.56 ng/ml



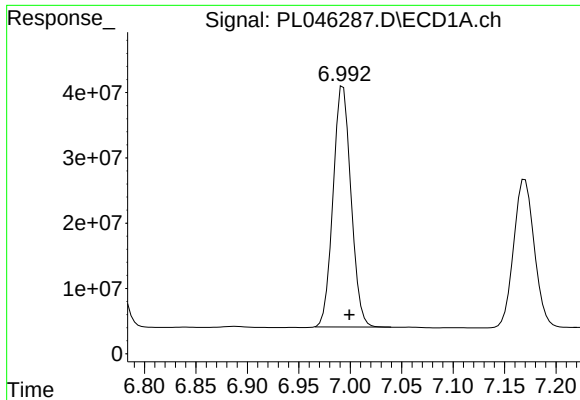
#20 Methoxychlor

R.T.: 6.771 min
Delta R.T.: -0.005 min
Response: 184890908
Conc: 42.10 ng/ml



#20 Methoxychlor

R.T.: 7.563 min
Delta R.T.: -0.002 min
Response: 57012249
Conc: 46.45 ng/ml



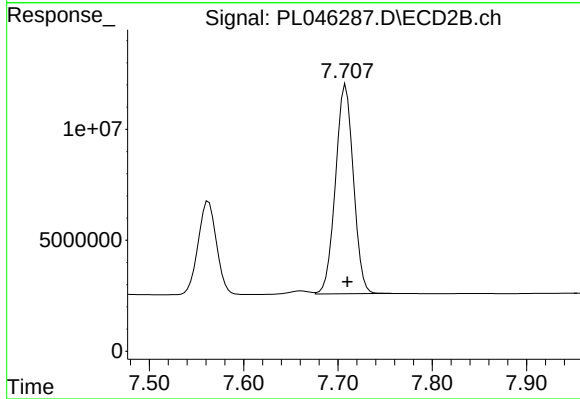
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.006 min
Response: 447832130
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

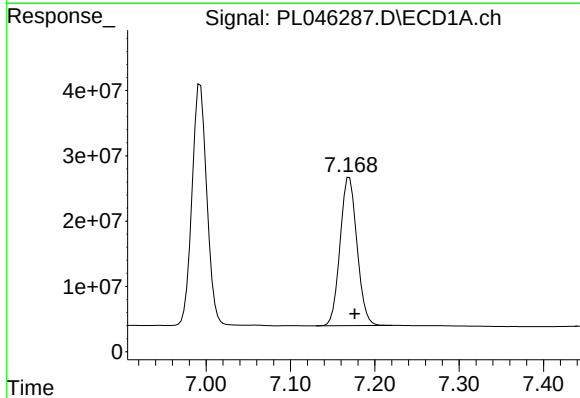
Manual Integrations
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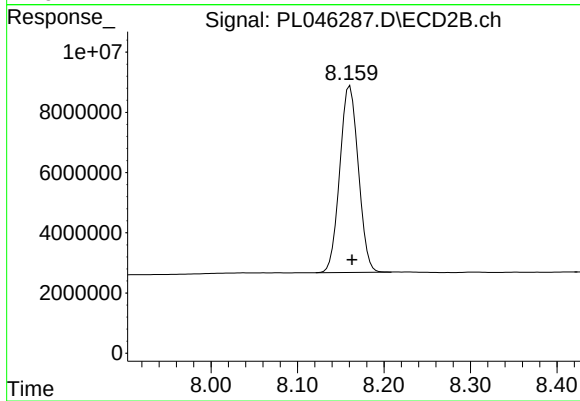
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: -0.002 min
Response: 124448527
Conc: 52.32 ng/ml



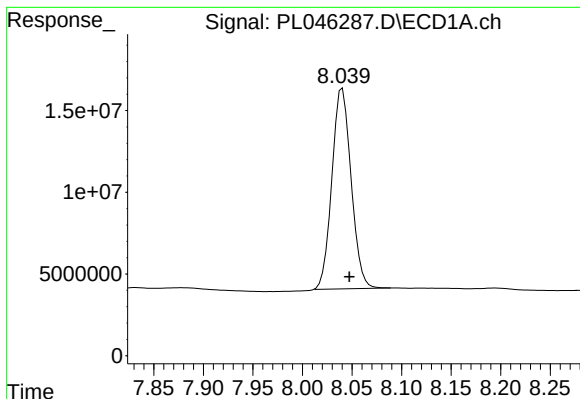
#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.006 min
Response: 316662539
Conc: 42.56 ng/ml



#22 Mirex

R.T.: 8.161 min
Delta R.T.: -0.002 min
Response: 91977116
Conc: 46.18 ng/ml



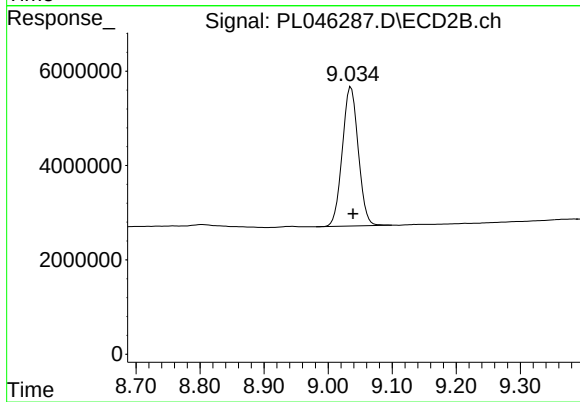
#28 Decachlorobiphenyl

R.T.: 8.040 min
Delta R.T.: -0.007 min
Response: 165617084
Conc: 19.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
DRUM-1-2MS

Manual Integrations
APPROVED

Sohil
3/22/2019 10:49:55 AM



#28 Decachlorobiphenyl

R.T.: 9.036 min
Delta R.T.: -0.003 min
Response: 50940299
Conc: 22.29 ng/ml