

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040819\
 Data File : PL047105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2019 17:33
 Operator : AJ\SJ
 Sample : K2309-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HA-040519MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 09:02:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.358	3.977	105.1E6	38470219	14.443	16.802
28)	SA Decachlor...	8.037	9.032	140.7E6	43715572	16.726	18.855
Target Compounds							
2)	A alpha-BHC	3.788	4.367	496.4E6	151.4E6	42.562	47.130
3)	MA gamma-BHC...	4.065	4.652	442.6E6	139.3E6	41.193	46.527
4)	MA Heptachlor	4.352	5.158	434.2E6	134.8E6	39.384	43.831
5)	MB Aldrin	4.591	5.462	372.3E6	126.8E6	36.095	44.243
6)	B beta-BHC	4.318	4.825	175.2E6	62109672	38.916	46.851
7)	B delta-BHC	4.514	5.040	388.8E6	102.7E6	38.410	44.269
8)	B Heptachlo...	5.029	5.848	378.2E6	113.4E6	38.777	43.001
9)	A Endosulfan I	5.361	6.204	339.4E6	109.7E6	36.102	42.023
10)	B gamma-Chl...	5.252	6.082	400.0E6	127.4E6	38.939	44.893
11)	B alpha-Chl...	5.309	6.154	373.7E6	115.8E6	36.857	40.831
12)	B 4,4'-DDE	5.476	6.312	366.0E6	103.5E6	39.748	41.699
13)	MA Dieldrin	5.601	6.461	426.0E6	118.9E6	42.453	43.856
14)	MA Endrin	5.854	6.679	371.8E6	105.1E6	39.471	43.982
15)	B Endosulfa...	6.129	6.889	321.7E6	99198781	35.906	41.112
16)	A 4,4'-DDD	5.987	6.803	287.1E6	96301622	37.981	47.863 #
17)	MA 4,4'-DDT	6.222	7.099	323.3E6	102.1E6	42.677	48.686m
18)	B Endrin al...	6.296	7.011	281.9E6	88060903	37.617	41.460m
19)	B Endosulfa...	6.508	7.236	360.9E6	103.3E6	43.951	43.785
20)	A Methoxychlor	6.767	7.559	155.9E6	53204444	36.679	41.736
21)	B Endrin ke...	6.991	7.705	355.0E6	109.4E6	38.396	44.051
22)	Mirex	7.167	8.157	216.7E6	78095500	29.740	39.044 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040819\
Data File : PL047105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2019 17:33
Operator : AJ\SJ
Sample : K2309-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

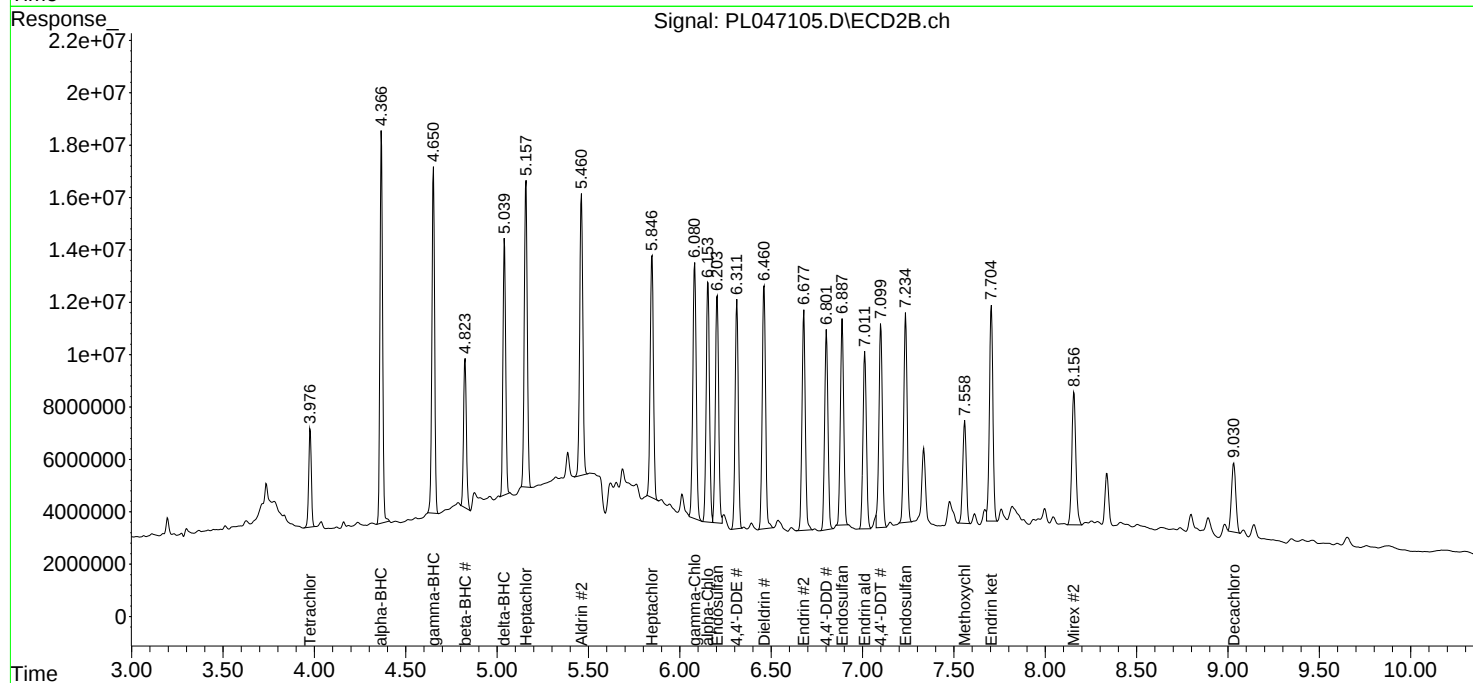
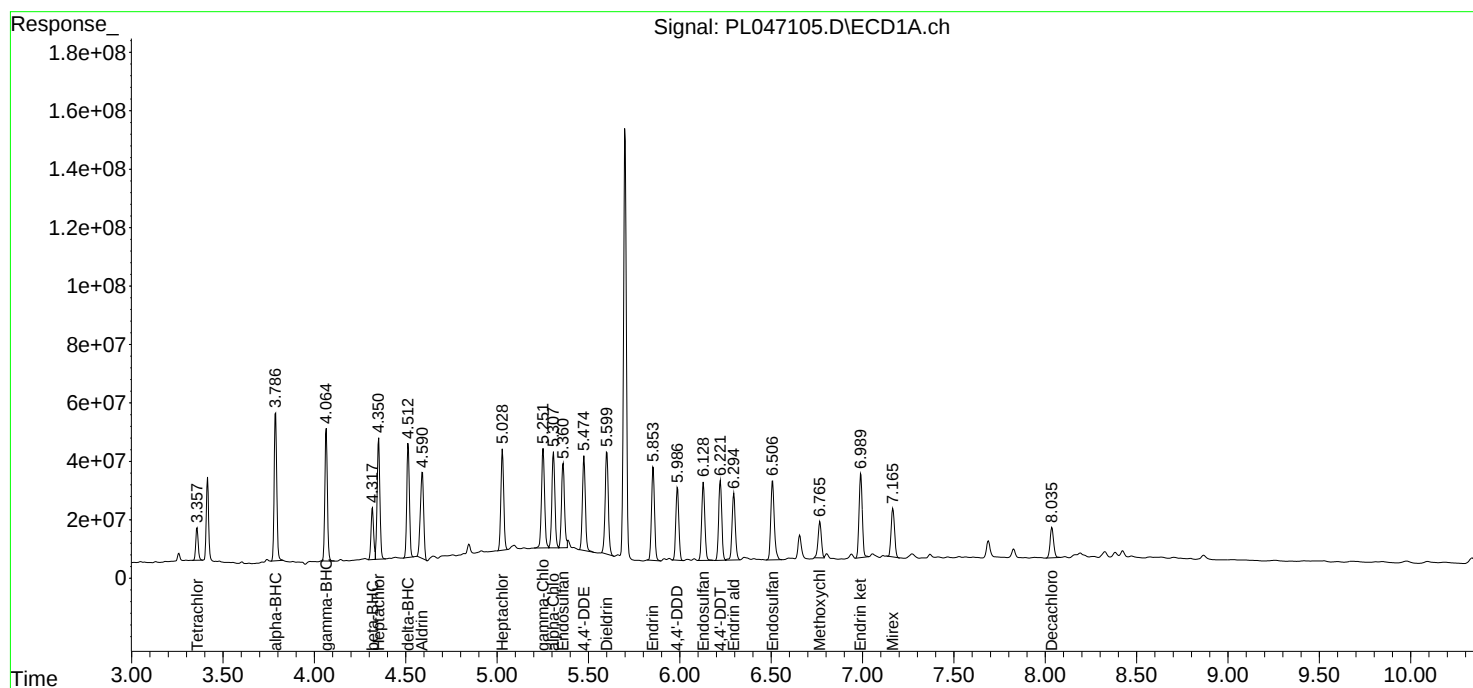
Instrument :
ECD_L
ClientSampled :
HA-040519MSD

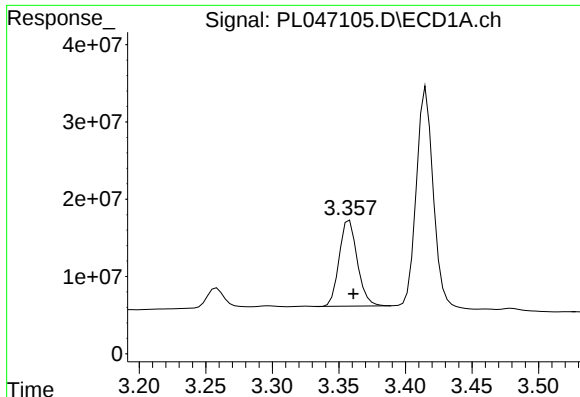
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 09:02:55 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
Response 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





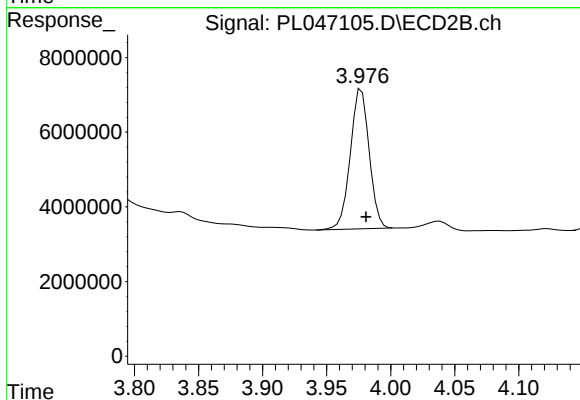
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 105066021
Conc: 14.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

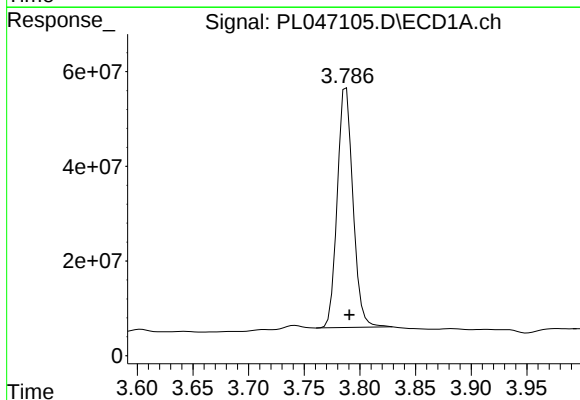
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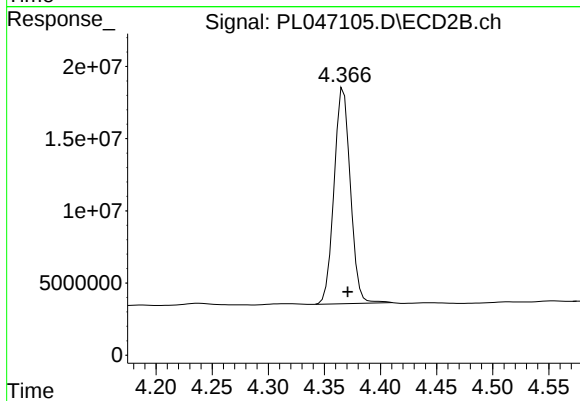
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.003 min
Response: 38470219
Conc: 16.80 ng/ml



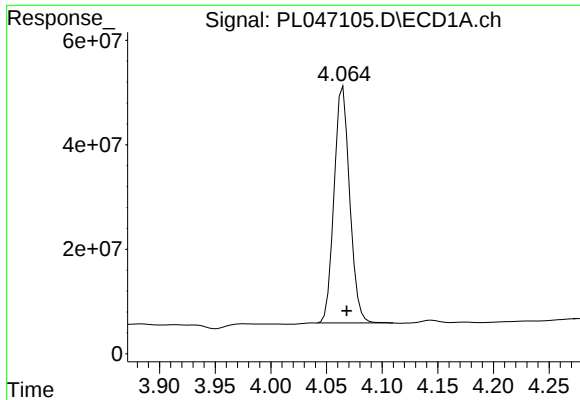
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.003 min
Response: 496357689
Conc: 42.56 ng/ml



#2 alpha-BHC

R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 151441447
Conc: 47.13 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.065 min

Delta R.T.: -0.003 min

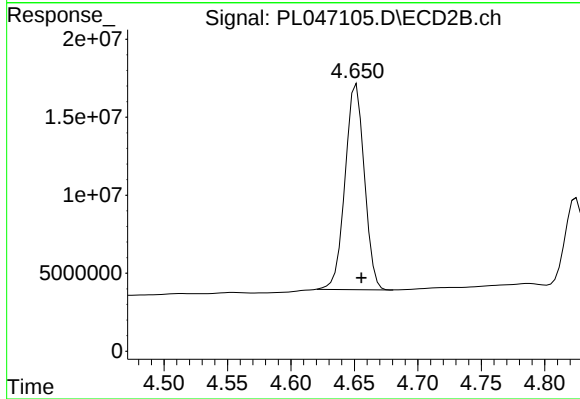
Response: 442603858

Conc: 41.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

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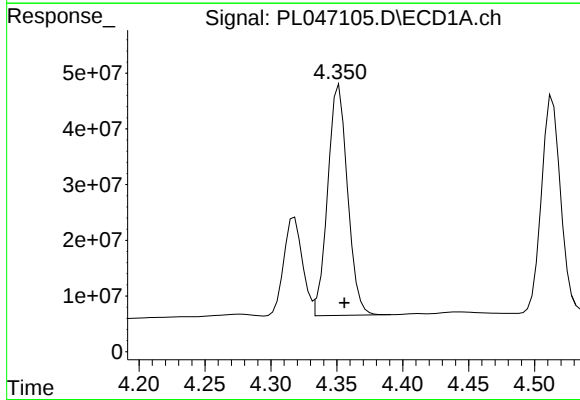
#3 gamma-BHC (Lindane)

R.T.: 4.652 min

Delta R.T.: -0.004 min

Response: 139256680

Conc: 46.53 ng/ml



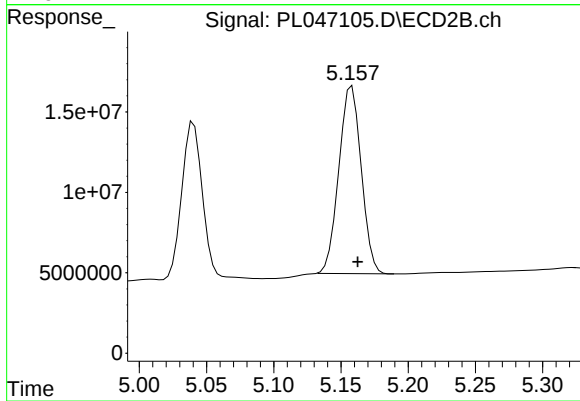
#4 Heptachlor

R.T.: 4.352 min

Delta R.T.: -0.004 min

Response: 434212828

Conc: 39.38 ng/ml



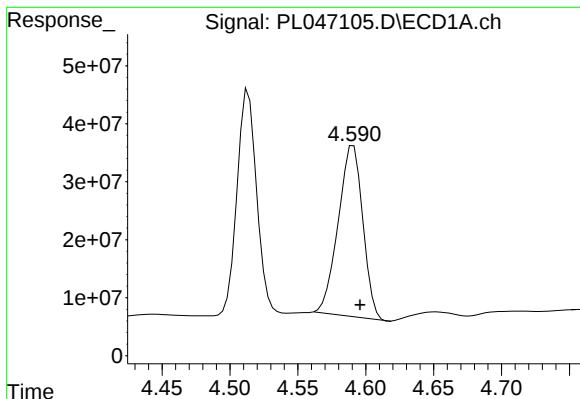
#4 Heptachlor

R.T.: 5.158 min

Delta R.T.: -0.004 min

Response: 134818150

Conc: 43.83 ng/ml



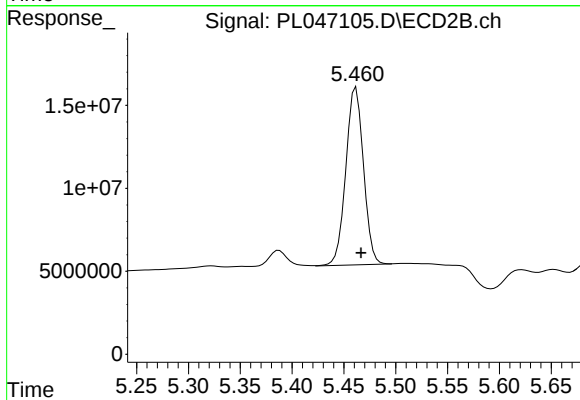
#5 Aldrin

R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 372317506
Conc: 36.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

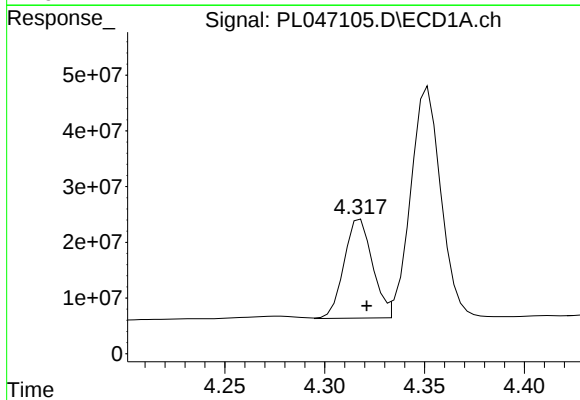
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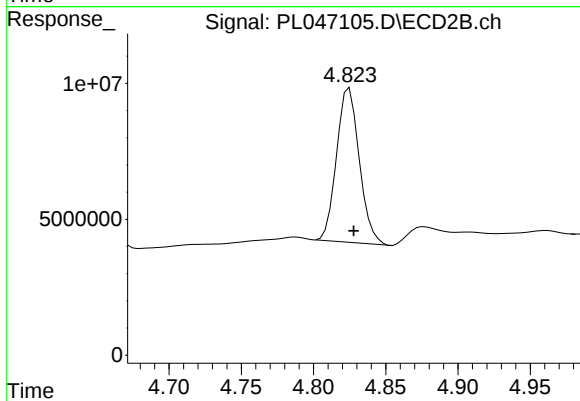
#5 Aldrin

R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 126755204
Conc: 44.24 ng/ml



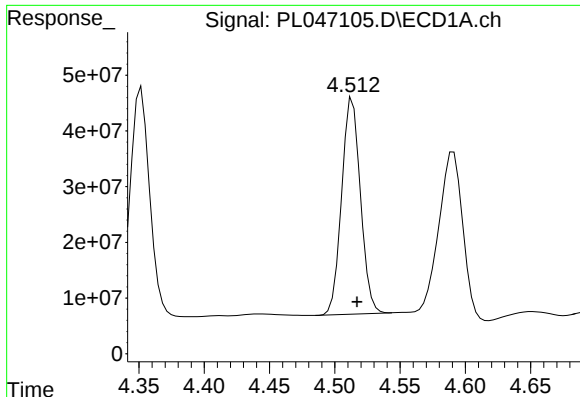
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 175217385
Conc: 38.92 ng/ml



#6 beta-BHC

R.T.: 4.825 min
Delta R.T.: -0.003 min
Response: 62109672
Conc: 46.85 ng/ml



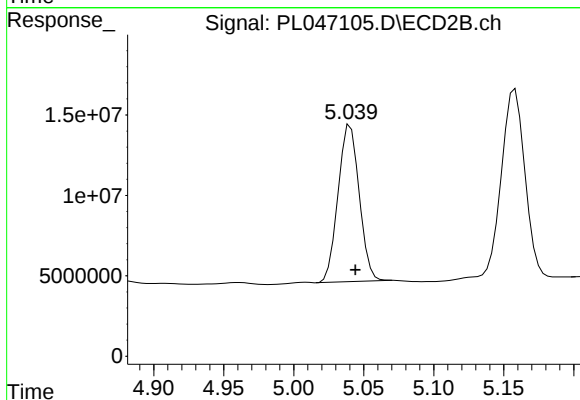
#7 delta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 388827142
Conc: 38.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

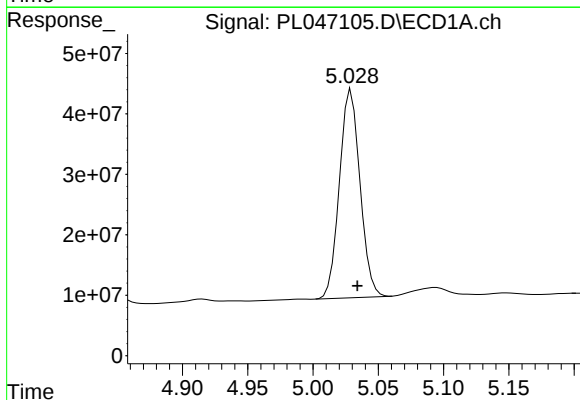
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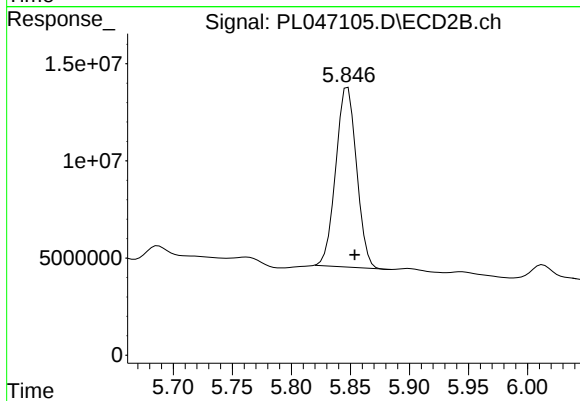
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 102712417
Conc: 44.27 ng/ml



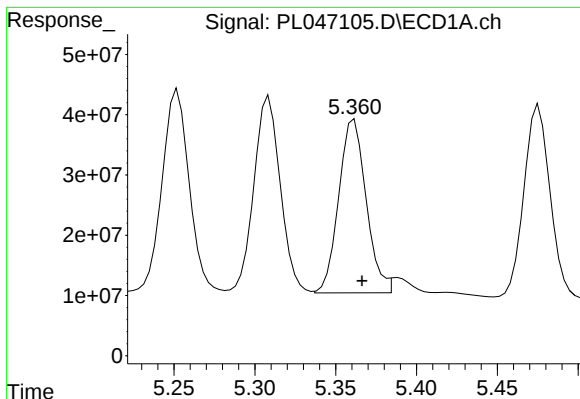
#8 Heptachlor epoxide

R.T.: 5.029 min
Delta R.T.: -0.005 min
Response: 378215471
Conc: 38.78 ng/ml



#8 Heptachlor epoxide

R.T.: 5.848 min
Delta R.T.: -0.006 min
Response: 113401340
Conc: 43.00 ng/ml



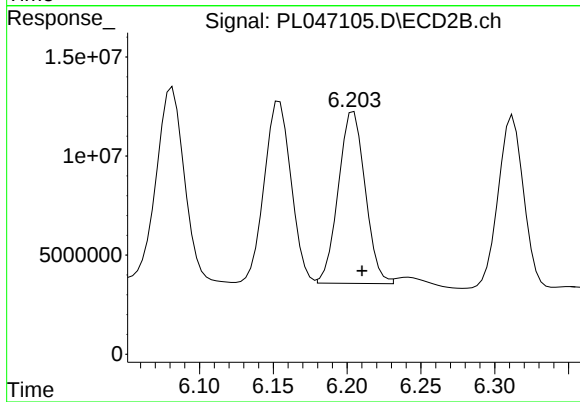
#9 Endosulfan I

R.T.: 5.361 min
Delta R.T.: -0.005 min
Response: 339444078
Conc: 36.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

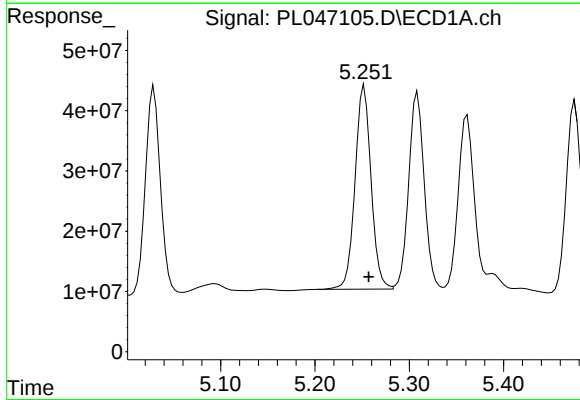
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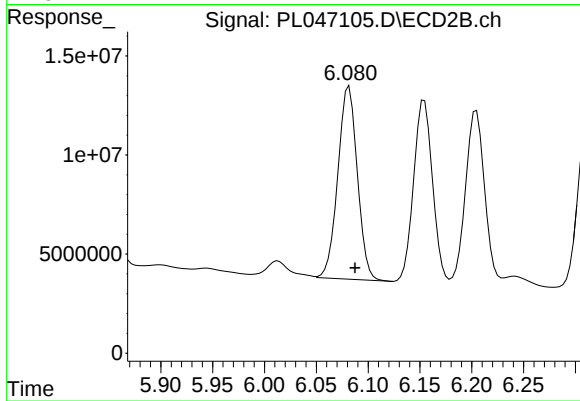
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 109675600
Conc: 42.02 ng/ml



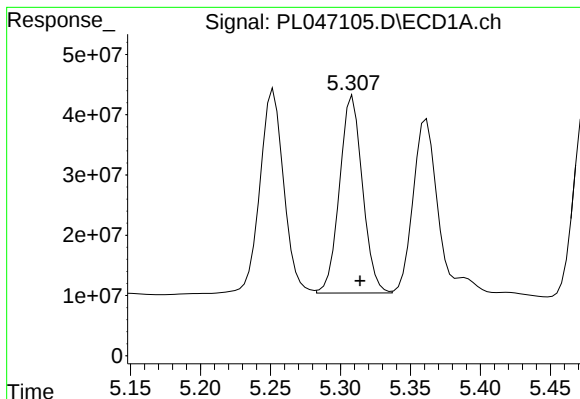
#10 gamma-Chlordane

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 400004613
Conc: 38.94 ng/ml



#10 gamma-Chlordane

R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 127410367
Conc: 44.89 ng/ml



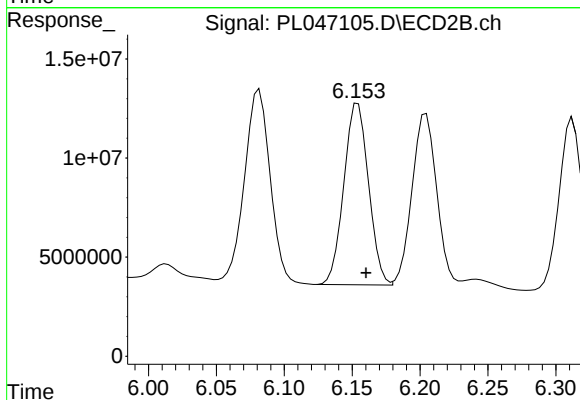
#11 alpha-Chlordane

R.T.: 5.309 min
Delta R.T.: -0.005 min
Response: 373692090
Conc: 36.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

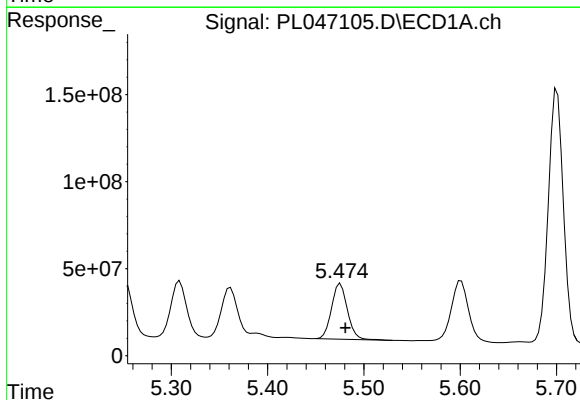
Manual Integrations
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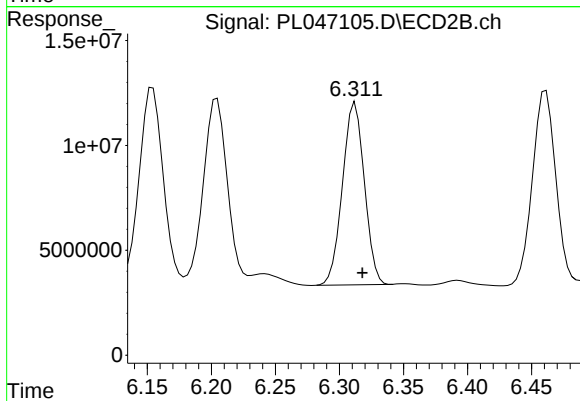
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.006 min
Response: 115824029
Conc: 40.83 ng/ml



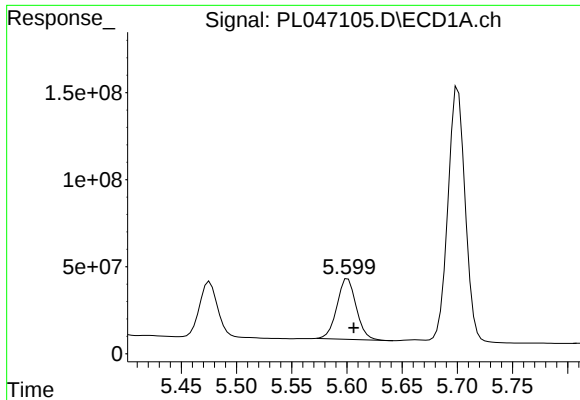
#12 4,4'-DDE

R.T.: 5.476 min
Delta R.T.: -0.005 min
Response: 365955819
Conc: 39.75 ng/ml



#12 4,4'-DDE

R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 103509602
Conc: 41.70 ng/ml



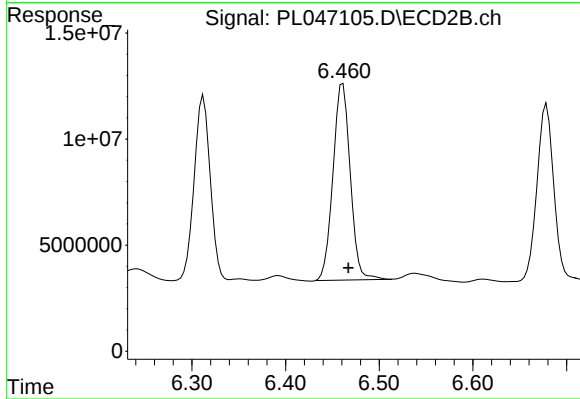
#13 Dieldrin

R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 426042059
Conc: 42.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

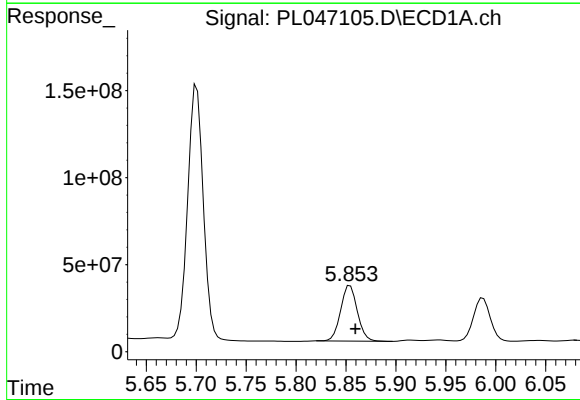
Manual Integrations
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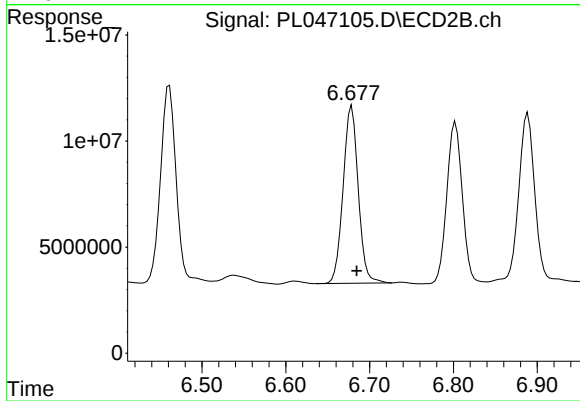
#13 Dieldrin

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 118878686
Conc: 43.86 ng/ml



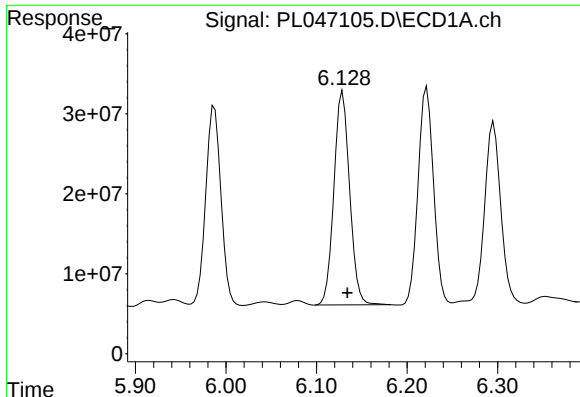
#14 Endrin

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 371787051
Conc: 39.47 ng/ml



#14 Endrin

R.T.: 6.679 min
Delta R.T.: -0.006 min
Response: 105107310
Conc: 43.98 ng/ml



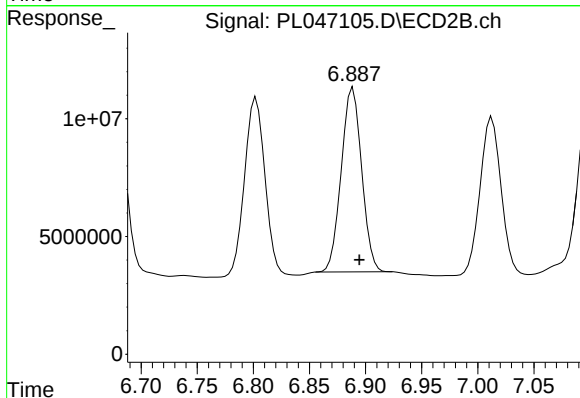
#15 Endosulfan II

R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 321705464
Conc: 35.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

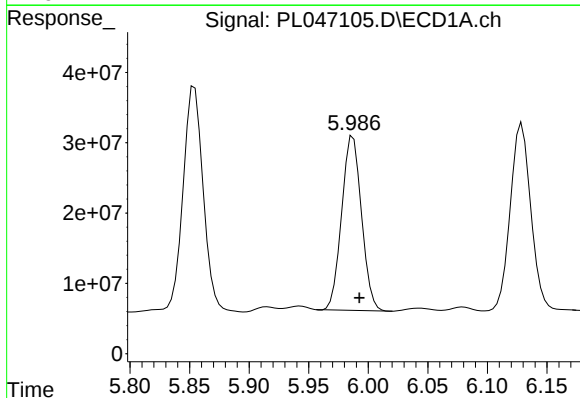
Manual Integrations
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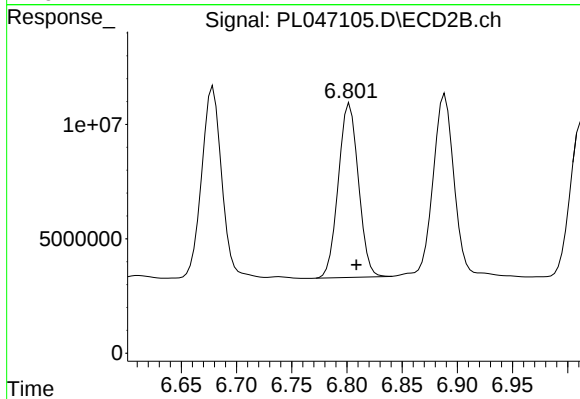
#15 Endosulfan II

R.T.: 6.889 min
Delta R.T.: -0.006 min
Response: 99198781
Conc: 41.11 ng/ml



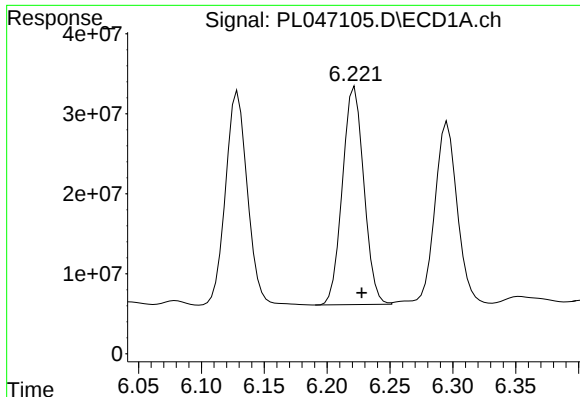
#16 4,4'-DDD

R.T.: 5.987 min
Delta R.T.: -0.005 min
Response: 287103783
Conc: 37.98 ng/ml



#16 4,4'-DDD

R.T.: 6.803 min
Delta R.T.: -0.006 min
Response: 96301622
Conc: 47.86 ng/ml



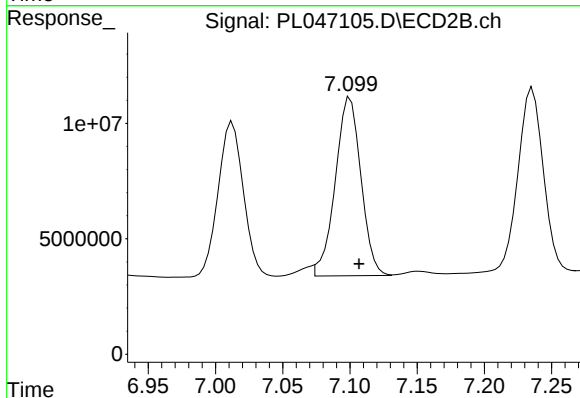
#17 4,4'-DDT

R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 323252002
Conc: 42.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

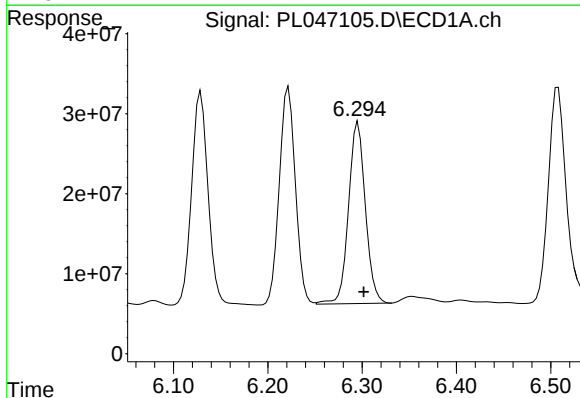
Manual Integrations
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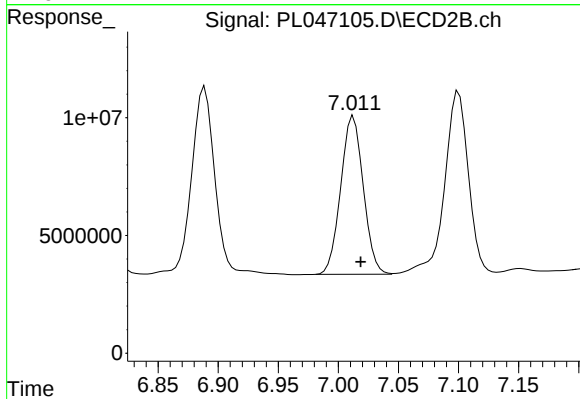
#17 4,4'-DDT

R.T.: 7.099 min
Delta R.T.: -0.008 min
Response: 102092463
Conc: 48.69 ng/ml m



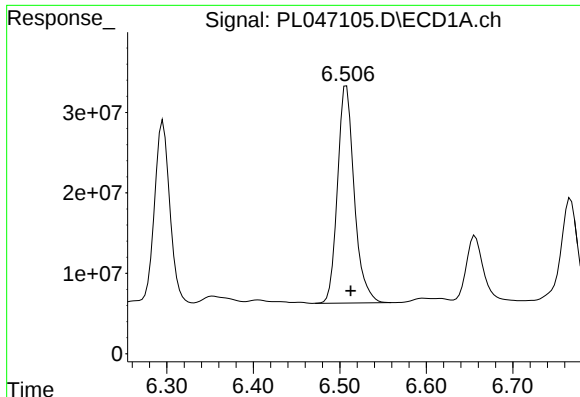
#18 Endrin aldehyde

R.T.: 6.296 min
Delta R.T.: -0.006 min
Response: 281945055
Conc: 37.62 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: -0.007 min
Response: 88060903
Conc: 41.46 ng/ml m



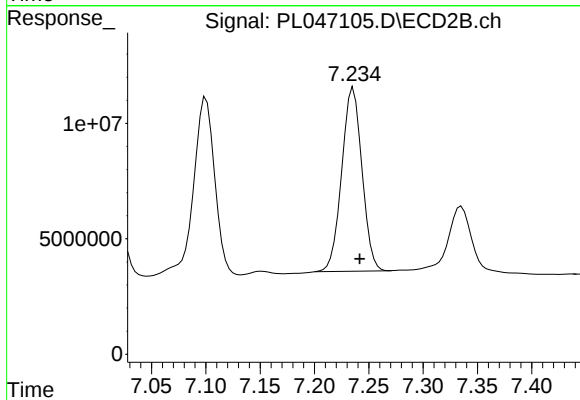
#19 Endosulfan Sulfate

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 360887992
Conc: 43.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

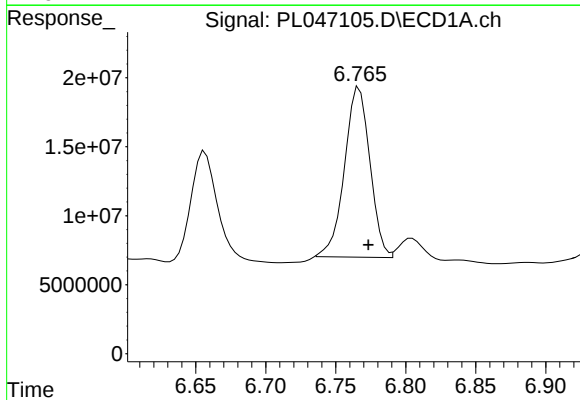
Manual Integrations
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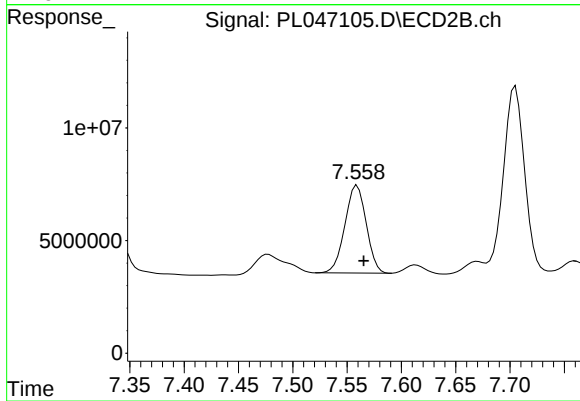
#19 Endosulfan Sulfate

R.T.: 7.236 min
Delta R.T.: -0.006 min
Response: 103289693
Conc: 43.79 ng/ml



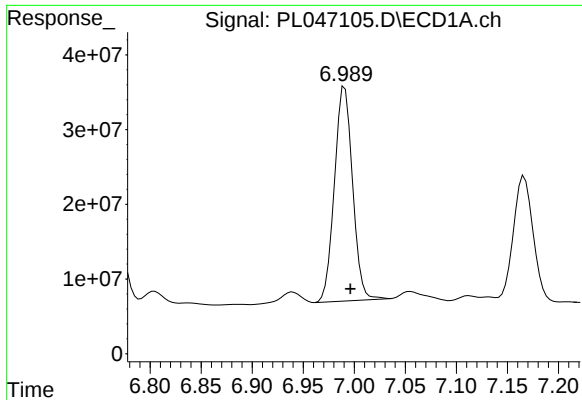
#20 Methoxychlor

R.T.: 6.767 min
Delta R.T.: -0.007 min
Response: 155880157
Conc: 36.68 ng/ml



#20 Methoxychlor

R.T.: 7.559 min
Delta R.T.: -0.006 min
Response: 53204444
Conc: 41.74 ng/ml



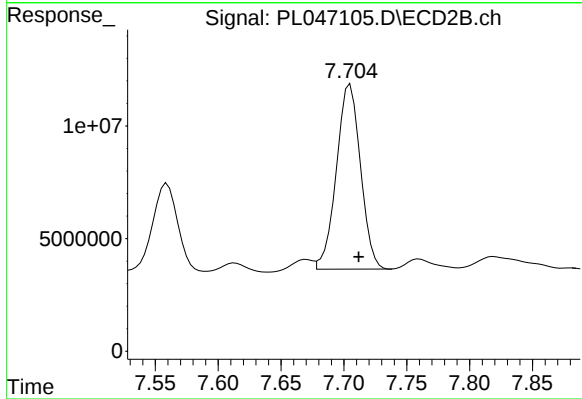
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.006 min
Response: 355035230
Conc: 38.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

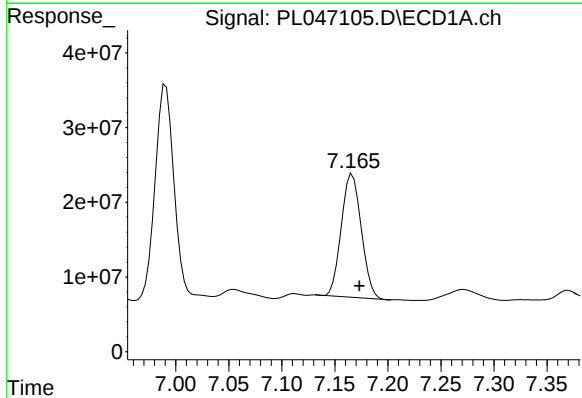
Manual Integrations
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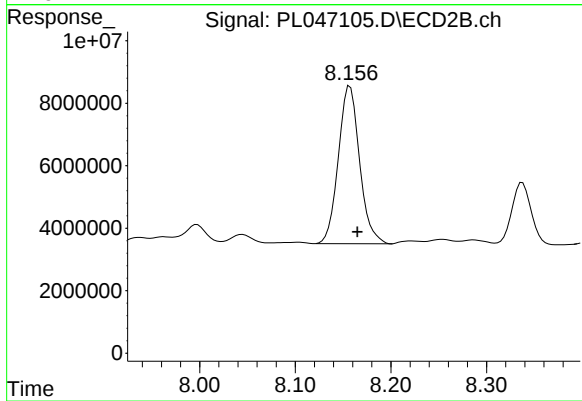
#21 Endrin ketone

R.T.: 7.705 min
Delta R.T.: -0.007 min
Response: 109445645
Conc: 44.05 ng/ml



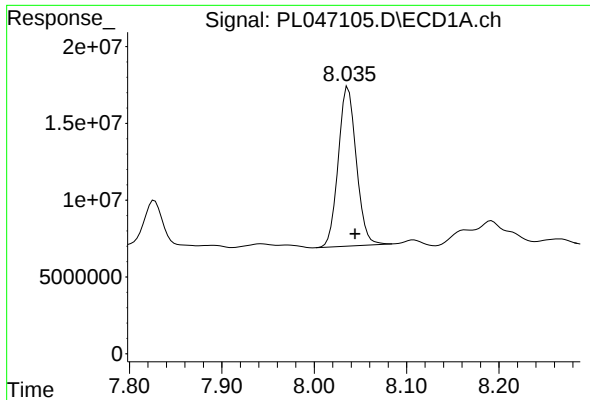
#22 Mirex

R.T.: 7.167 min
Delta R.T.: -0.007 min
Response: 216670040
Conc: 29.74 ng/ml



#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.008 min
Response: 78095500
Conc: 39.04 ng/ml



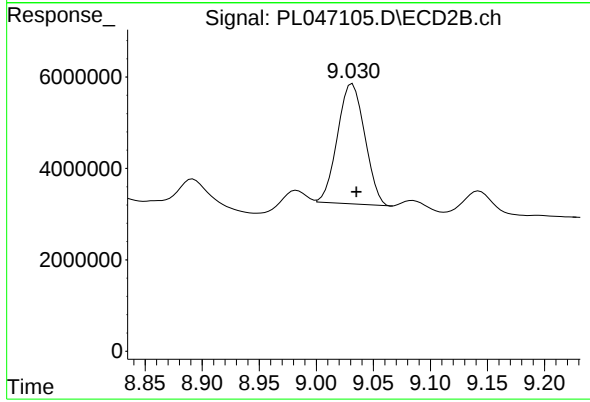
#28 Decachlorobiphenyl

R.T.: 8.037 min
Delta R.T.: -0.007 min
Response: 140684017
Conc: 16.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 43715572
Conc: 18.86 ng/ml