

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040819\
 Data File : PL047100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2019 16:01
 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 01:04:09 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...	3.359	3.979	104.5E6	37411478	14.363	16.340
28)	SA Decachlor...	8.039	9.036	139.8E6	44032135	16.619	18.992
Target Compounds							
2)	A alpha-BHC	3.789	4.369	485.7E6	145.1E6	41.647	45.154
3)	MA gamma-BHC...	4.066	4.654	439.4E6	135.3E6	40.900	45.189
4)	MA Heptachlor	4.353	5.160	431.8E6	132.7E6	39.161	43.131
5)	MB Aldrin	4.593	5.464	341.1E6	127.4E6	33.066	44.454 #
6)	B beta-BHC	4.319	4.827	173.1E6	60257144	38.455	45.453
7)	B delta-BHC	4.515	5.043	386.1E6	100.3E6	38.137	43.230
8)	B Heptachlo...	5.031	5.851	379.9E6	110.3E6	38.946	41.829
9)	A Endosulfan I	5.363	6.207	342.0E6	105.8E6	36.376	40.556
10)	B gamma-Chl...	5.254	6.084	409.8E6	123.5E6	39.892	43.511
11)	B alpha-Chl...	5.310	6.157	380.6E6	111.7E6	37.536	39.363
12)	B 4,4'-DDE	5.477	6.315	369.6E6	100.1E6	40.148	40.314
13)	MA Dieldrin	5.602	6.464	429.5E6	115.4E6	42.794	42.580
14)	MA Endrin	5.856	6.681	368.4E6	101.4E6	39.107	42.451
15)	B Endosulfa...	6.131	6.892	318.9E6	95323218	35.596	39.506
16)	A 4,4'-DDD	5.989	6.806	282.1E6	93352502	37.319	46.397
17)	MA 4,4'-DDT	6.223	7.103	320.6E6	92671905	42.322	44.194
18)	B Endrin al...	6.297	7.016	279.5E6	83497217	37.293	39.311
19)	B Endosulfa...	6.509	7.239	357.2E6	98738006	43.497	41.856
20)	A Methoxychlor	6.768	7.563	152.8E6	51676064	35.951	40.537
21)	B Endrin ke...	6.992	7.708	350.4E6	103.9E6	37.889	41.817
22)	Mirex	7.168	8.161	225.0E6	76883825	30.881m	38.439

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040819\
Data File : PL047100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2019 16:01
Operator : AJ\SJ
Sample : K2309-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

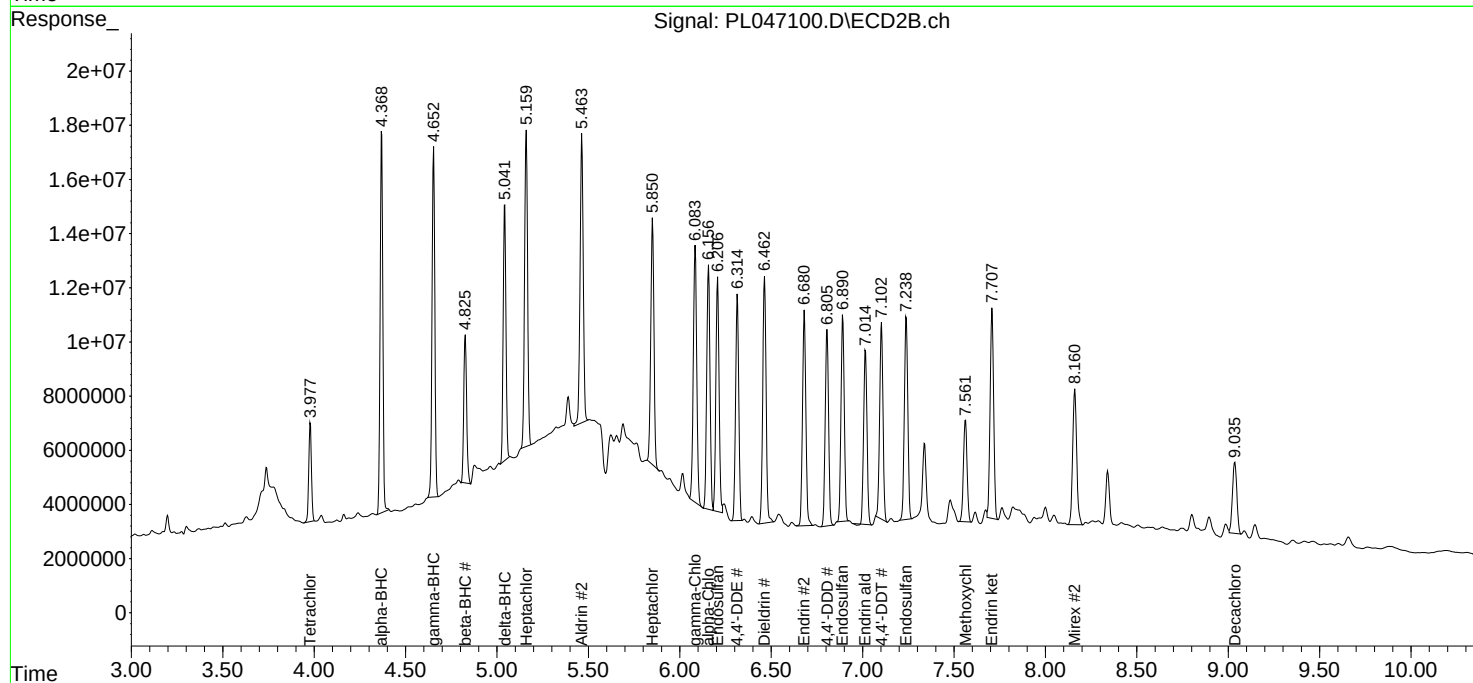
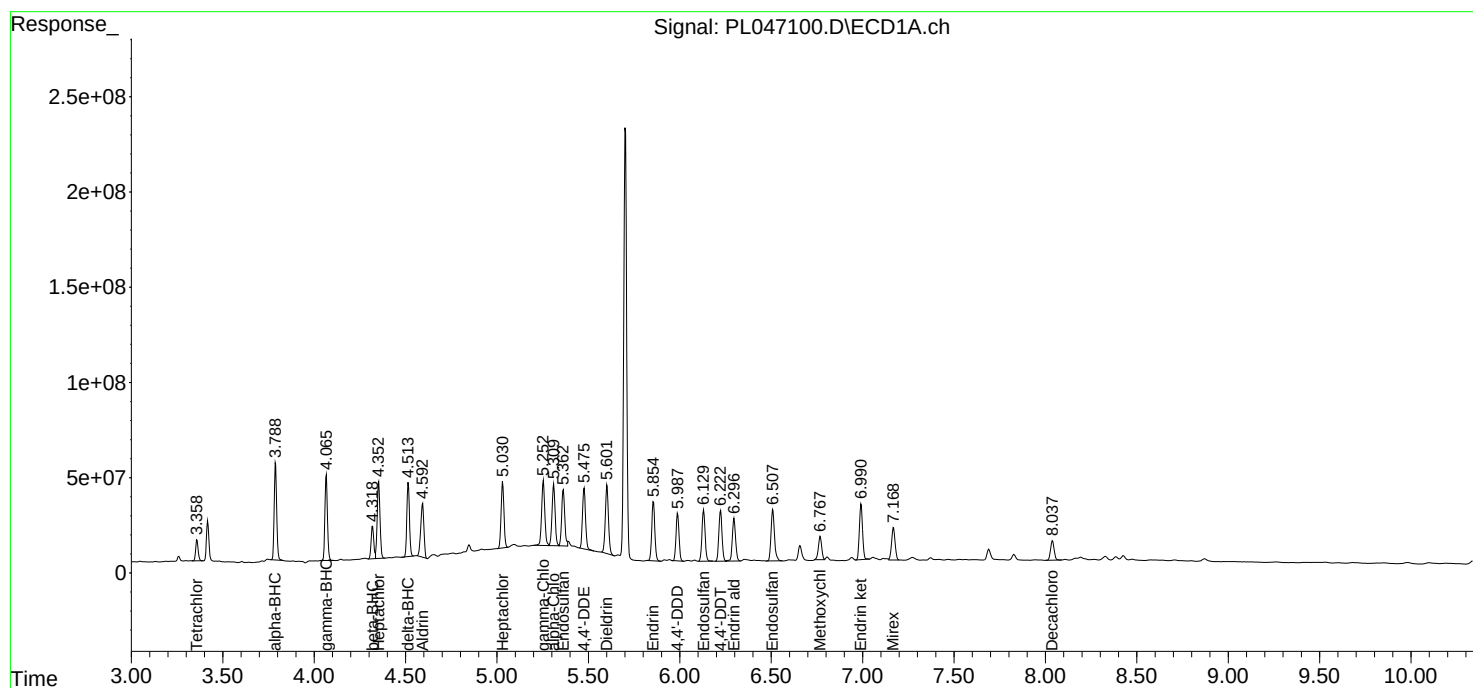
Instrument :
ECD_L
ClientSampled :
HA-040519MSD

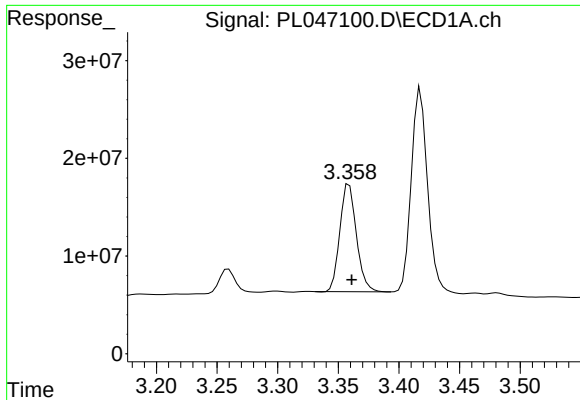
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 01:04:09 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
Response 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





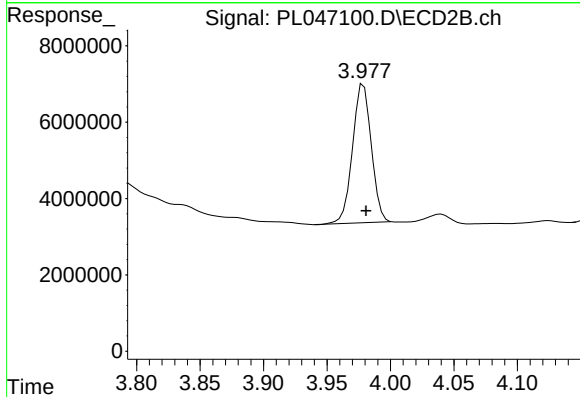
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: -0.002 min
Response: 104485260
Conc: 14.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

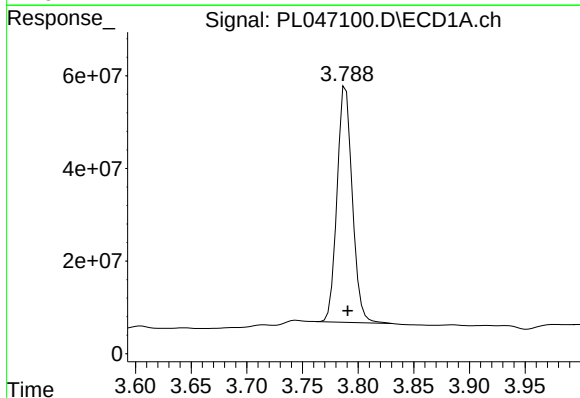
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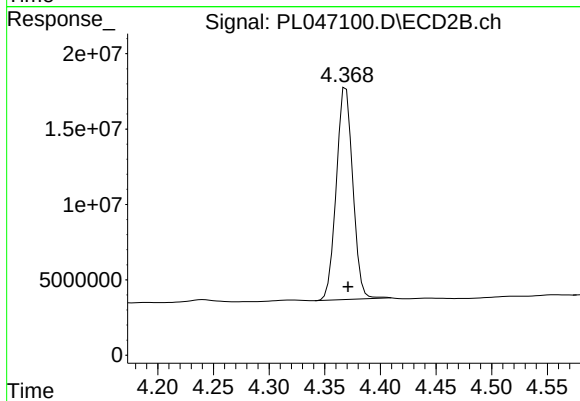
#1 Tetrachloro-m-xylene

R.T.: 3.979 min
Delta R.T.: -0.002 min
Response: 37411478
Conc: 16.34 ng/ml



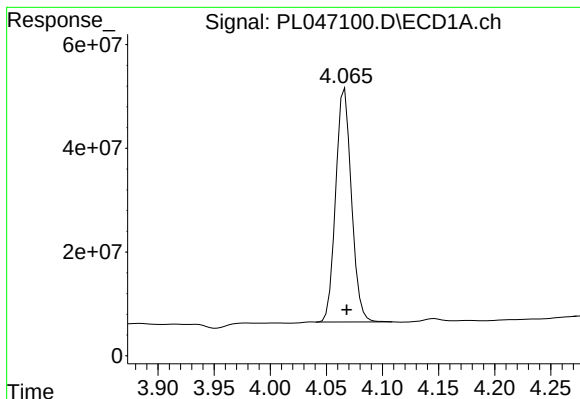
#2 alpha-BHC

R.T.: 3.789 min
Delta R.T.: -0.002 min
Response: 485685156
Conc: 41.65 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: -0.002 min
Response: 145094377
Conc: 45.15 ng/ml



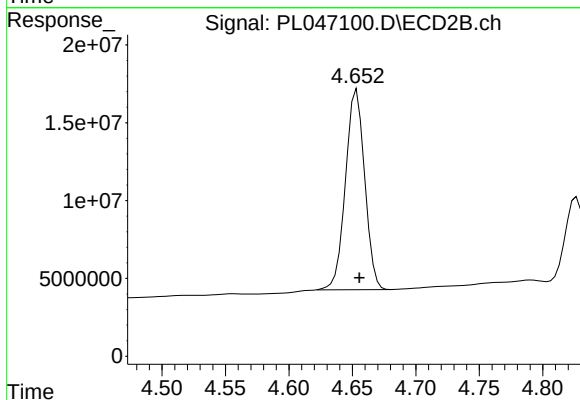
#3 gamma-BHC (Lindane)

R.T.: 4.066 min
Delta R.T.: -0.002 min
Response: 439449570
Conc: 40.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

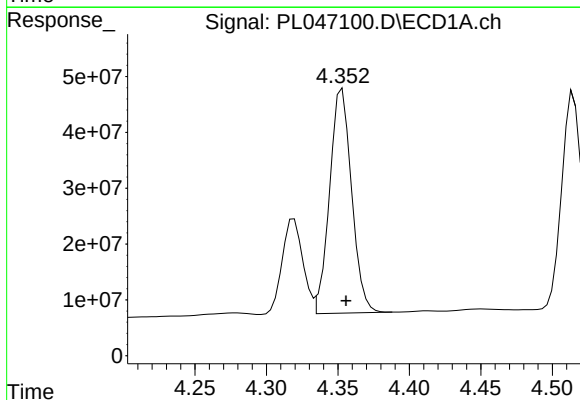
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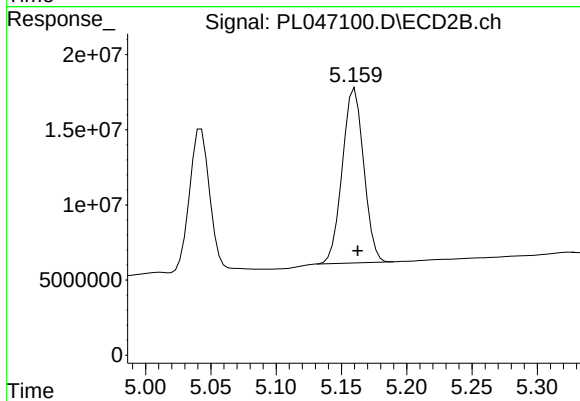
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 135250551
Conc: 45.19 ng/ml



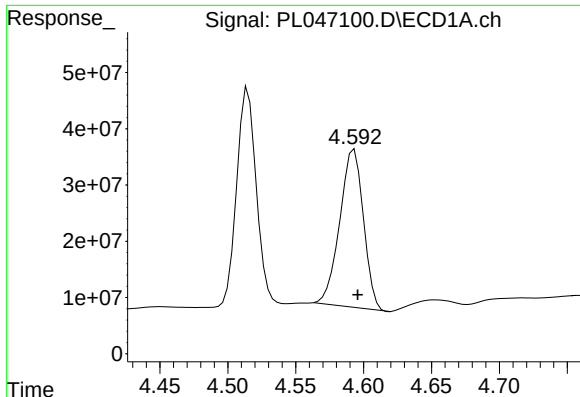
#4 Heptachlor

R.T.: 4.353 min
Delta R.T.: -0.003 min
Response: 431751047
Conc: 39.16 ng/ml



#4 Heptachlor

R.T.: 5.160 min
Delta R.T.: -0.002 min
Response: 132664444
Conc: 43.13 ng/ml



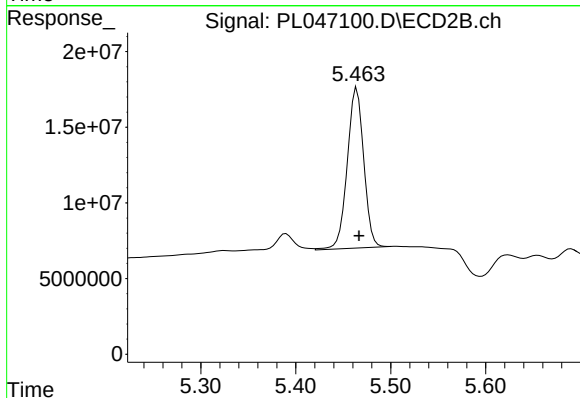
#5 Aldrin

R.T.: 4.593 min
Delta R.T.: -0.003 min
Response: 341072827
Conc: 33.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

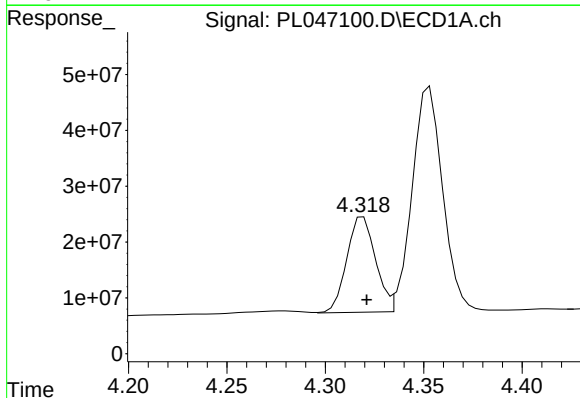
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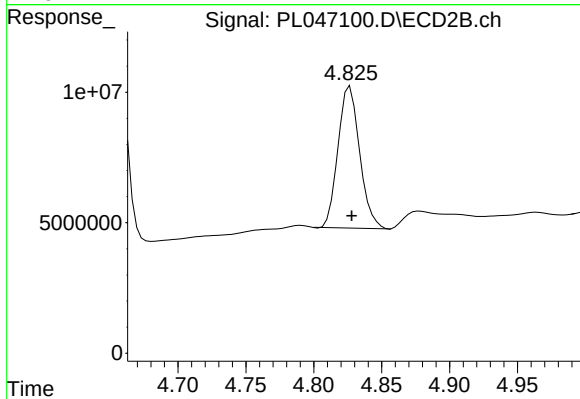
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 127360134
Conc: 44.45 ng/ml



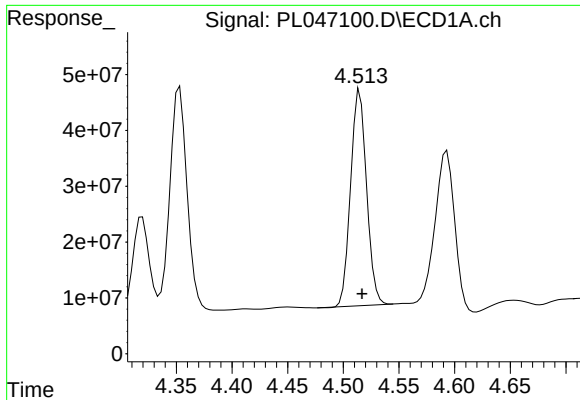
#6 beta-BHC

R.T.: 4.319 min
Delta R.T.: -0.002 min
Response: 173140342
Conc: 38.45 ng/ml



#6 beta-BHC

R.T.: 4.827 min
Delta R.T.: -0.001 min
Response: 60257144
Conc: 45.45 ng/ml



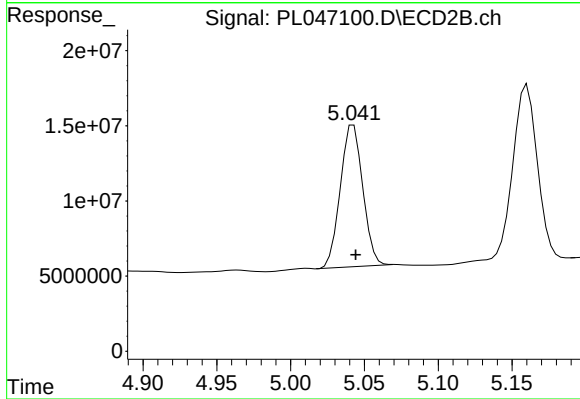
#7 delta-BHC

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 386066363
Conc: 38.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

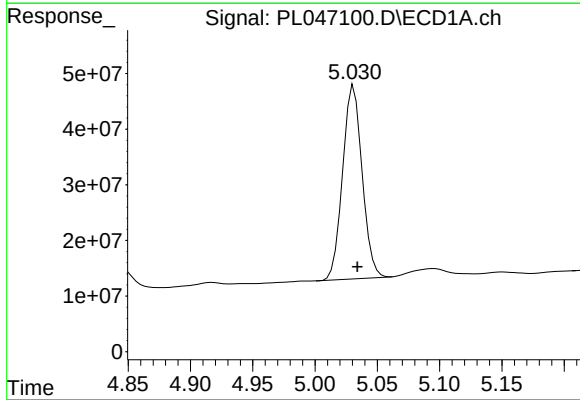
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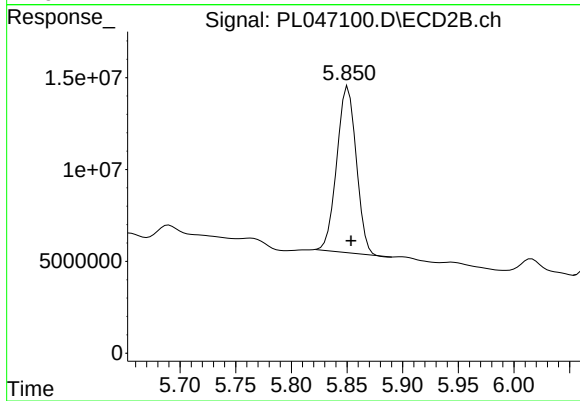
#7 delta-BHC

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 100301620
Conc: 43.23 ng/ml



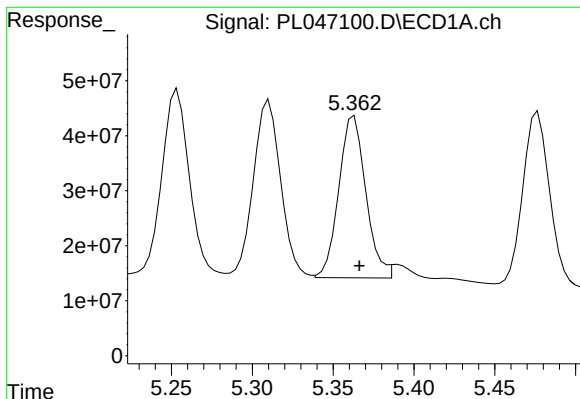
#8 Heptachlor epoxide

R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 379863350
Conc: 38.95 ng/ml



#8 Heptachlor epoxide

R.T.: 5.851 min
Delta R.T.: -0.003 min
Response: 110312089
Conc: 41.83 ng/ml



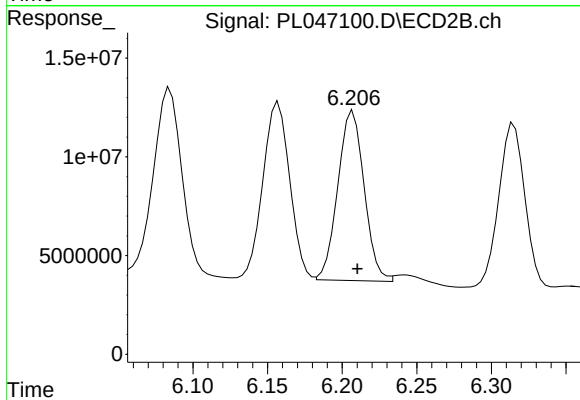
#9 Endosulfan I

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 342022044
Conc: 36.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

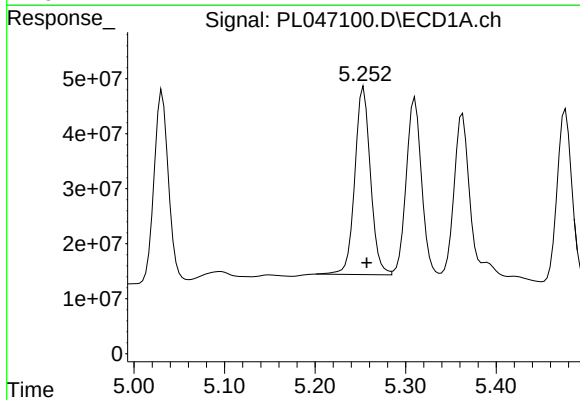
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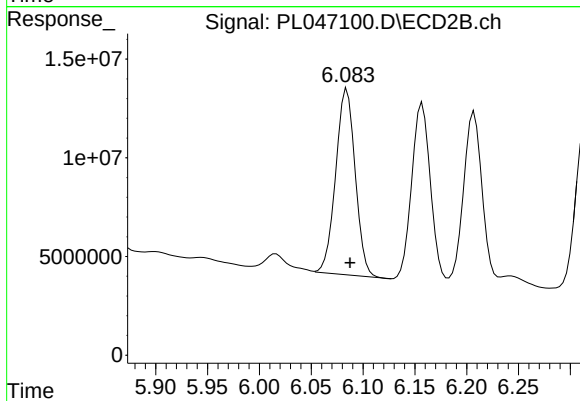
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 105844977
Conc: 40.56 ng/ml



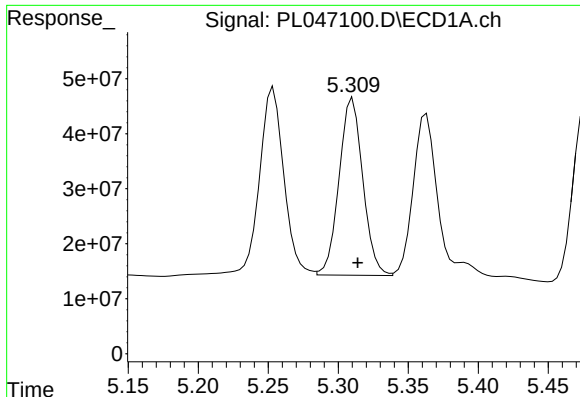
#10 gamma-Chlordane

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 409790566
Conc: 39.89 ng/ml



#10 gamma-Chlordane

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 123487260
Conc: 43.51 ng/ml



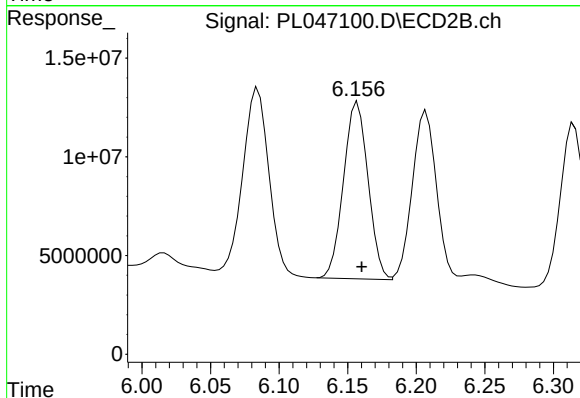
#11 alpha-Chlordane

R.T.: 5.310 min
Delta R.T.: -0.004 min
Response: 380582982
Conc: 37.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

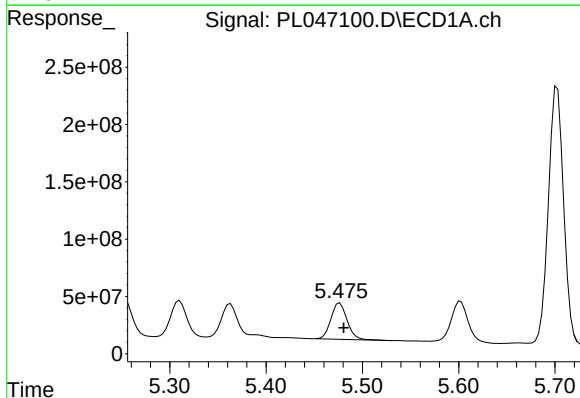
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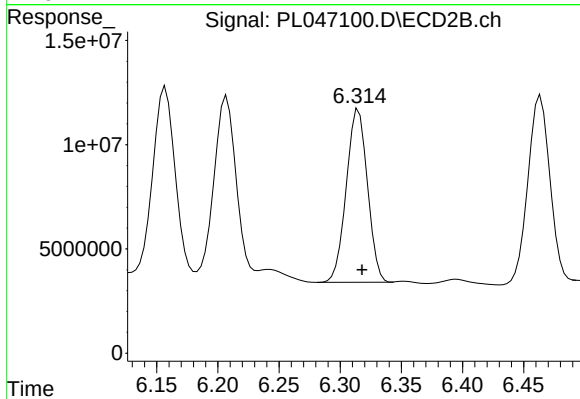
#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 111658428
Conc: 39.36 ng/ml



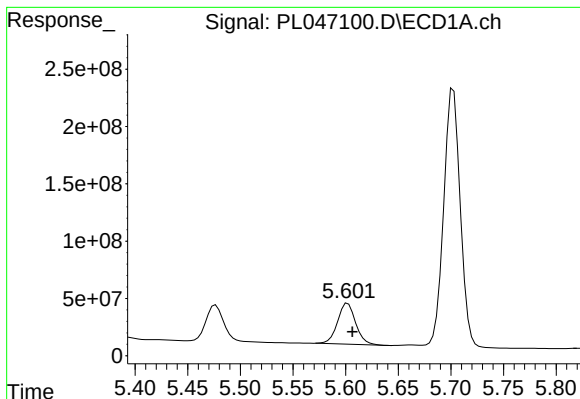
#12 4,4'-DDE

R.T.: 5.477 min
Delta R.T.: -0.004 min
Response: 369640445
Conc: 40.15 ng/ml



#12 4,4'-DDE

R.T.: 6.315 min
Delta R.T.: -0.003 min
Response: 100073804
Conc: 40.31 ng/ml



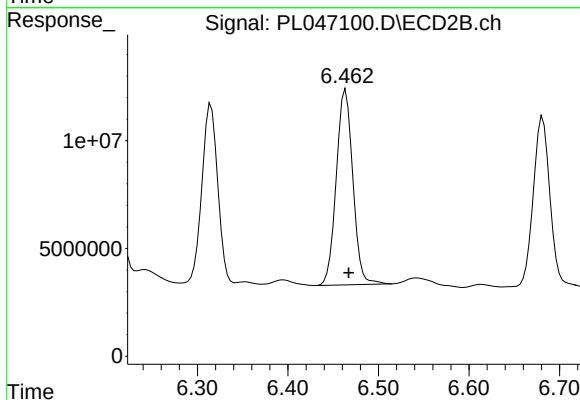
#13 Dieldrin

R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 429465431
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

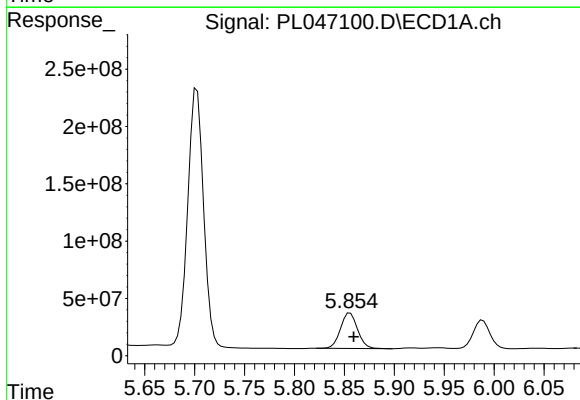
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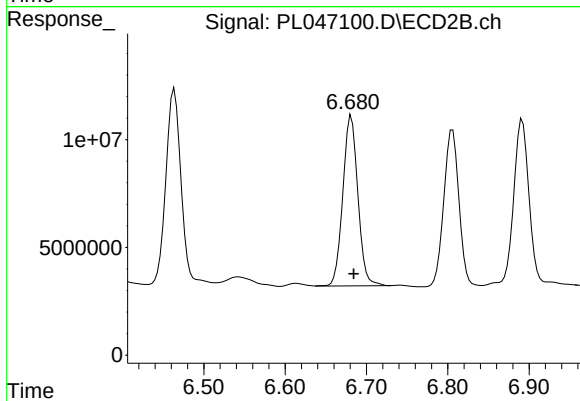
#13 Dieldrin

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 115419308
Conc: 42.58 ng/ml



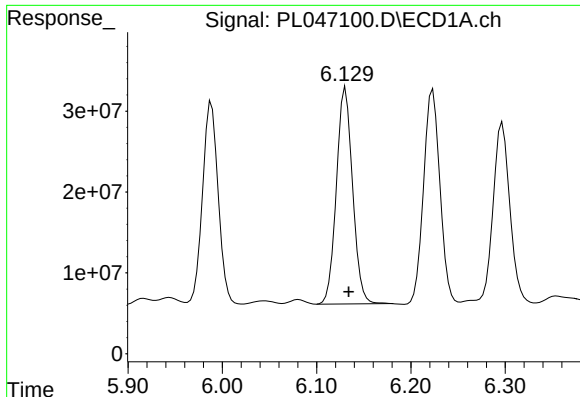
#14 Endrin

R.T.: 5.856 min
Delta R.T.: -0.004 min
Response: 368356260
Conc: 39.11 ng/ml



#14 Endrin

R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 101448504
Conc: 42.45 ng/ml



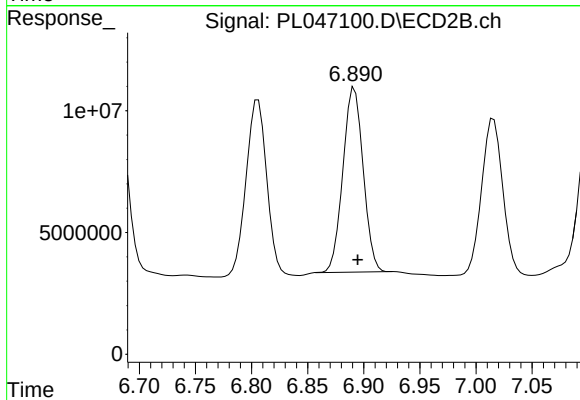
#15 Endosulfan II

R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 318924362
Conc: 35.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

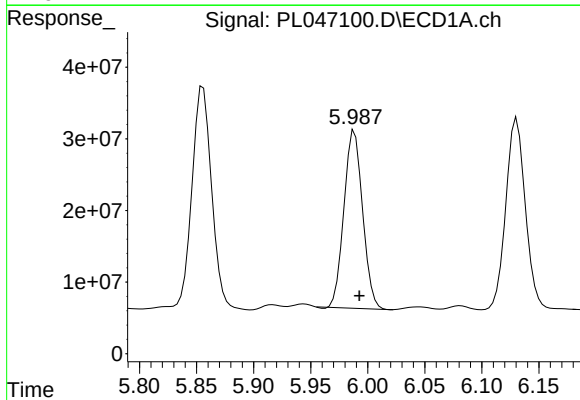
Manual Integrations
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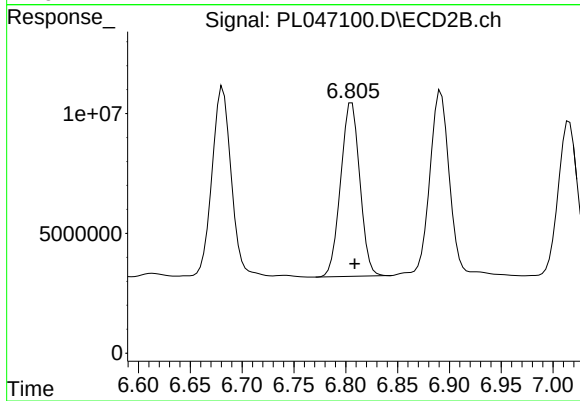
#15 Endosulfan II

R.T.: 6.892 min
Delta R.T.: -0.003 min
Response: 95323218
Conc: 39.51 ng/ml



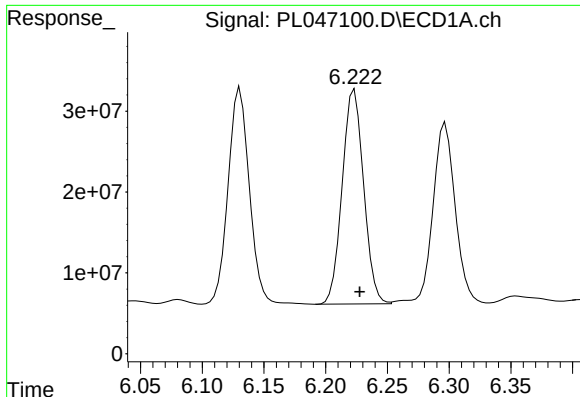
#16 4,4'-DDD

R.T.: 5.989 min
Delta R.T.: -0.004 min
Response: 282093899
Conc: 37.32 ng/ml



#16 4,4'-DDD

R.T.: 6.806 min
Delta R.T.: -0.003 min
Response: 93352502
Conc: 46.40 ng/ml



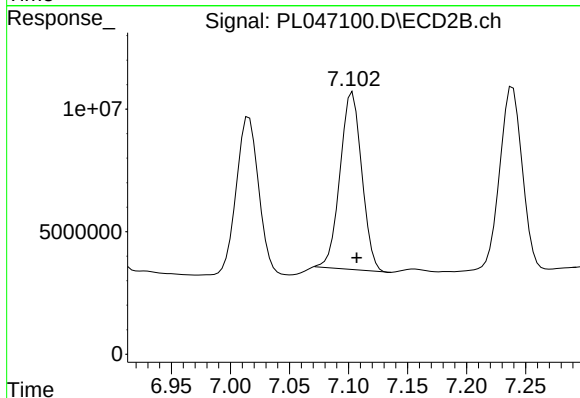
#17 4,4'-DDT

R.T.: 6.223 min
Delta R.T.: -0.004 min
Response: 320564969
Conc: 42.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

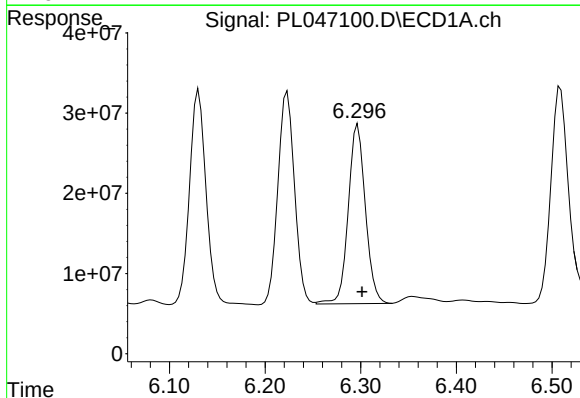
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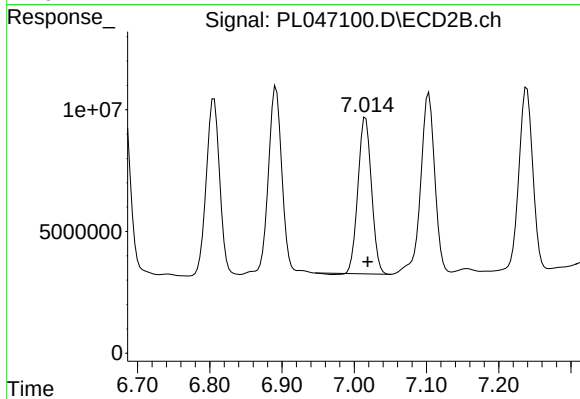
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: -0.003 min
Response: 92671905
Conc: 44.19 ng/ml



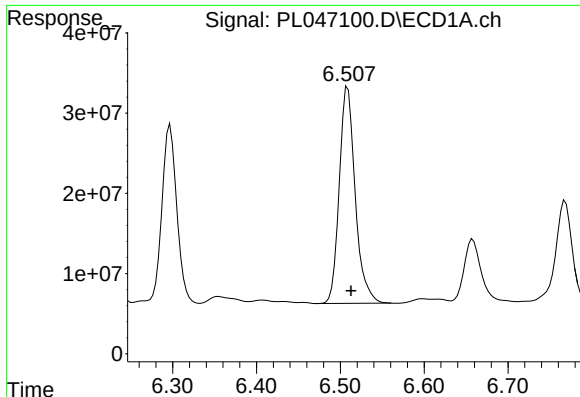
#18 Endrin aldehyde

R.T.: 6.297 min
Delta R.T.: -0.005 min
Response: 279513213
Conc: 37.29 ng/ml



#18 Endrin aldehyde

R.T.: 7.016 min
Delta R.T.: -0.003 min
Response: 83497217
Conc: 39.31 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.509 min

Delta R.T.: -0.004 min

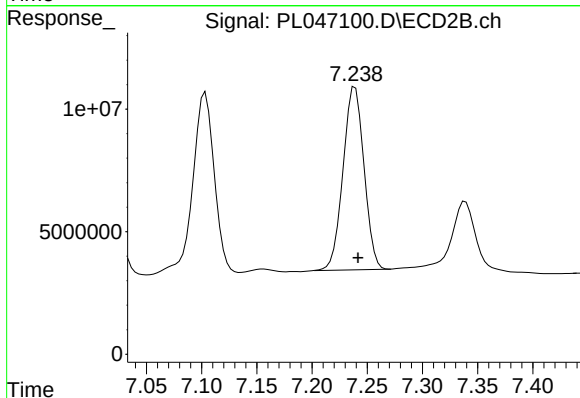
Response: 357159272

Conc: 43.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

Manual Integrations
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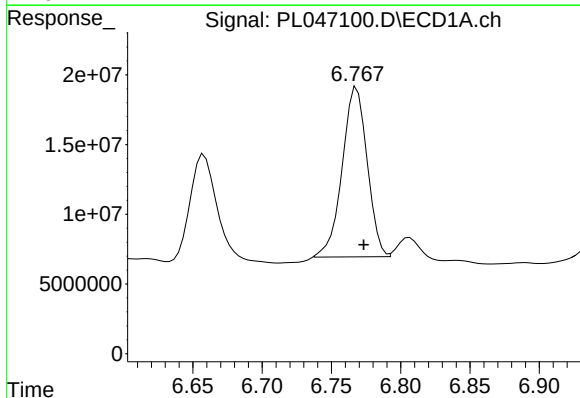
#19 Endosulfan Sulfate

R.T.: 7.239 min

Delta R.T.: -0.003 min

Response: 98738006

Conc: 41.86 ng/ml



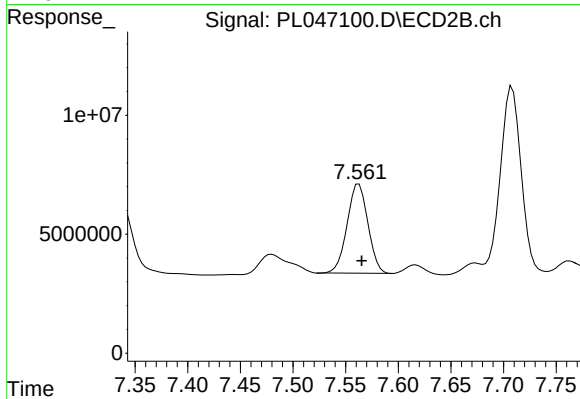
#20 Methoxychlor

R.T.: 6.768 min

Delta R.T.: -0.005 min

Response: 152786906

Conc: 35.95 ng/ml



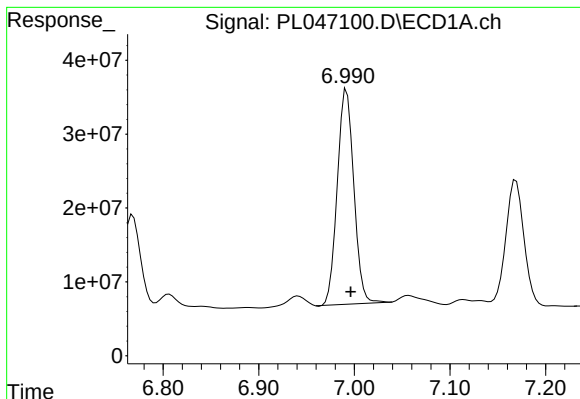
#20 Methoxychlor

R.T.: 7.563 min

Delta R.T.: -0.003 min

Response: 51676064

Conc: 40.54 ng/ml



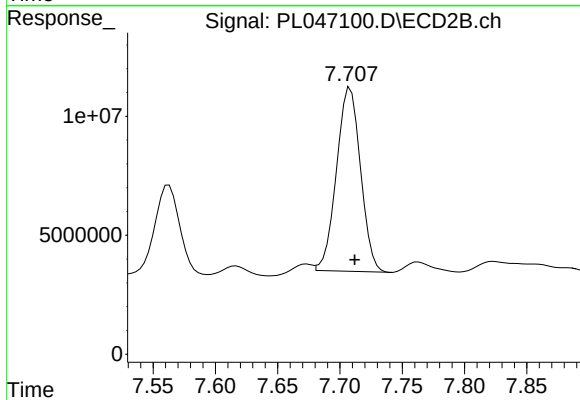
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 350355028
Conc: 37.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

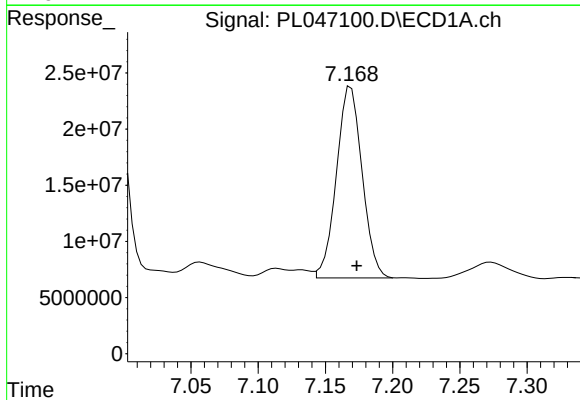
Manual Integrations
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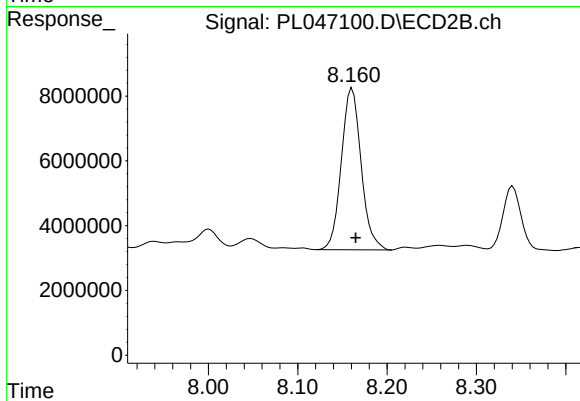
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: -0.003 min
Response: 103896595
Conc: 41.82 ng/ml



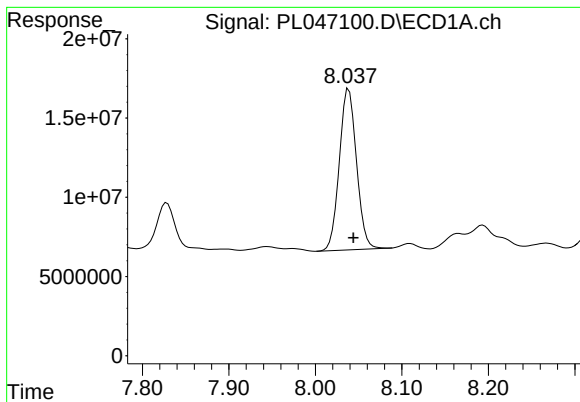
#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.006 min
Response: 224984253
Conc: 30.88 ng/ml m



#22 Mirex

R.T.: 8.161 min
Delta R.T.: -0.004 min
Response: 76883825
Conc: 38.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.039 min

Delta R.T.: -0.005 min

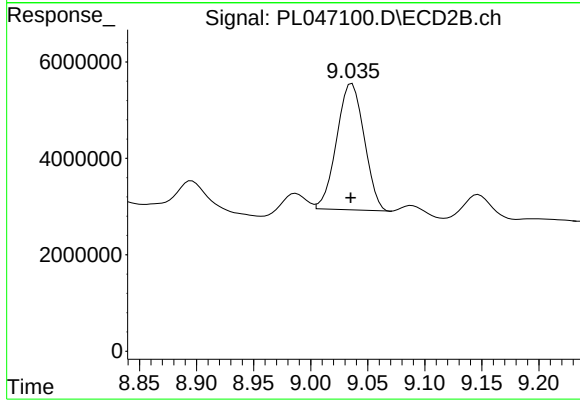
Response: 139783845

Conc: 16.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MSD

Manual Integrations
APPROVED

mohammad
4/10/2019 3:40:55 PM



#28 Decachlorobiphenyl

R.T.: 9.036 min

Delta R.T.: 0.001 min

Response: 44032135

Conc: 18.99 ng/ml