

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091719\
 Data File : PL052551.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2019 04:05
 Operator : SG\AJ
 Sample : K4893-01MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR-200059-RT-1494MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 06:30:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 17 11:25:25 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...	3.552	4.044	131.1E6	36352294	16.814	16.683m
28)	SA Decachlor...	8.354	9.121	111.7E6	36602600	12.773	15.285
Target Compounds							
2)	A alpha-BHC	3.998	4.437	565.7E6	145.8E6	47.055	47.685
3)	MA gamma-BHC...	4.285	4.723	585.0E6	170.6E6	51.701	59.094
4)	MA Heptachlor	4.595	5.233	503.8E6	138.3E6	44.586	47.128
5)	MB Aldrin	4.848	5.538	532.3E6	151.8E6	49.295	57.300
6)	B beta-BHC	4.535	4.891	202.1E6	45900552	41.297	34.417
7)	B delta-BHC	4.744	5.108	270.2E6	70206868	23.909	24.523
8)	B Heptachlo...	5.294	5.924	464.9E6	124.5E6	45.502	47.483
9)	A Endosulfan I	5.637	6.280	235.7E6	71608846	24.159m	30.717 #
10)	B gamma-Chl...	5.524	6.157	520.1E6	127.1E6	48.974	49.977
11)	B alpha-Chl...	5.583	6.230	476.3E6	125.1E6	46.074	50.095
12)	B 4,4'-DDE	5.747	6.385	509.6E6	119.9E6	54.616	49.189
13)	MA Dieldrin	5.882	6.537	460.0E6	112.1E6	44.374	45.888
14)	MA Endrin	6.141	6.755	290.5E6	66653457	35.137	34.436
15)	B Endosulfa...	6.414	6.962	204.4E6	57239263	21.076	25.643
16)	A 4,4'-DDD	6.265	6.874	275.6E6	86217073	35.983	46.811 #
17)	MA 4,4'-DDT	6.508	7.173	303.2E6	85274095	39.062	46.621
18)	B Endrin al...	6.581	7.086	152.5E6	39297366	19.724m	21.184
19)	B Endosulfa...	6.797	7.308	149.0E6	48396686	17.963	23.563 #
20)	A Methoxychlor	7.056	7.630	104.6E6	33078284	25.862	32.644 #
21)	B Endrin ke...	7.290	7.780	193.3E6	53868458	18.614	24.257 #
22)	Mirex	7.487	8.236	278.2E6	78360039	36.370m	45.786 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091719\
Data File : PL052551.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2019 04:05
Operator : SG\AJ
Sample : K4893-01MSD
Misc :
ALS Vial : 60 Sample Multiplier: 1

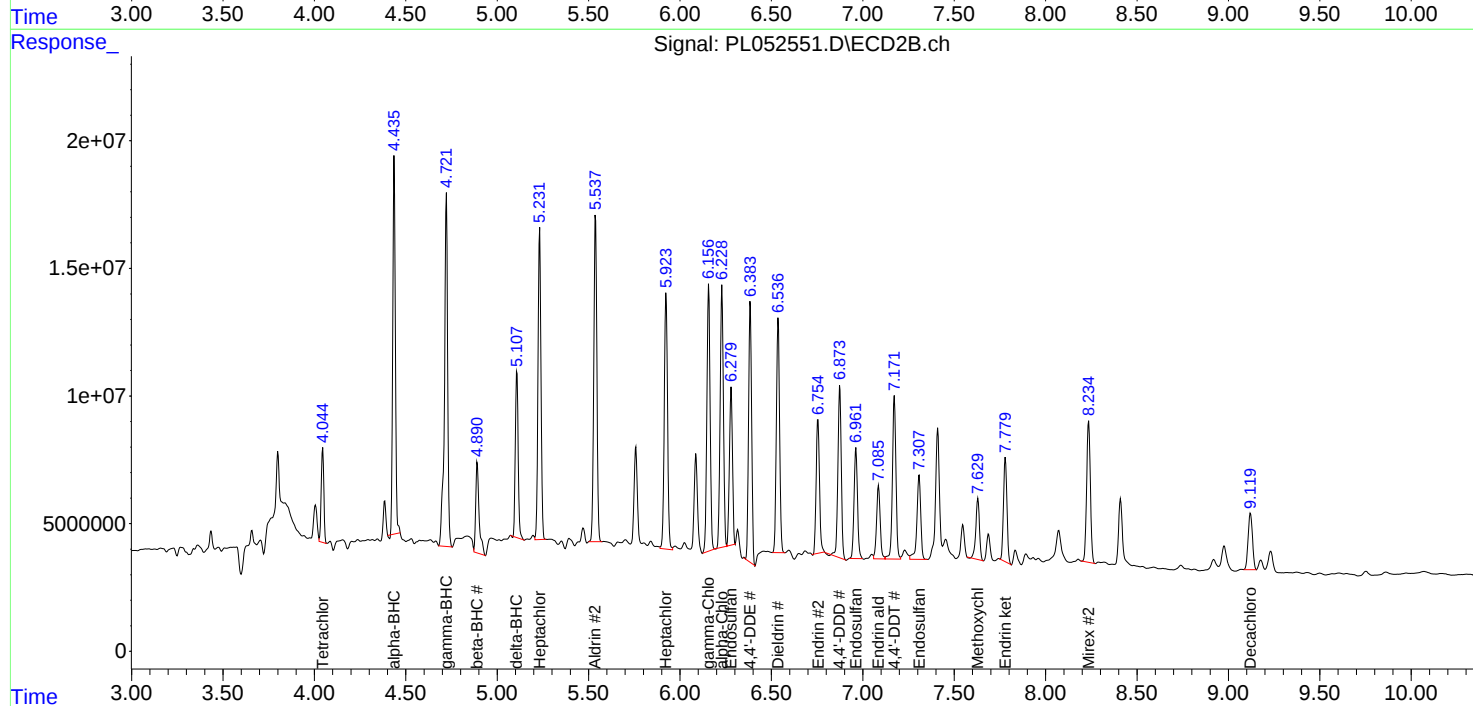
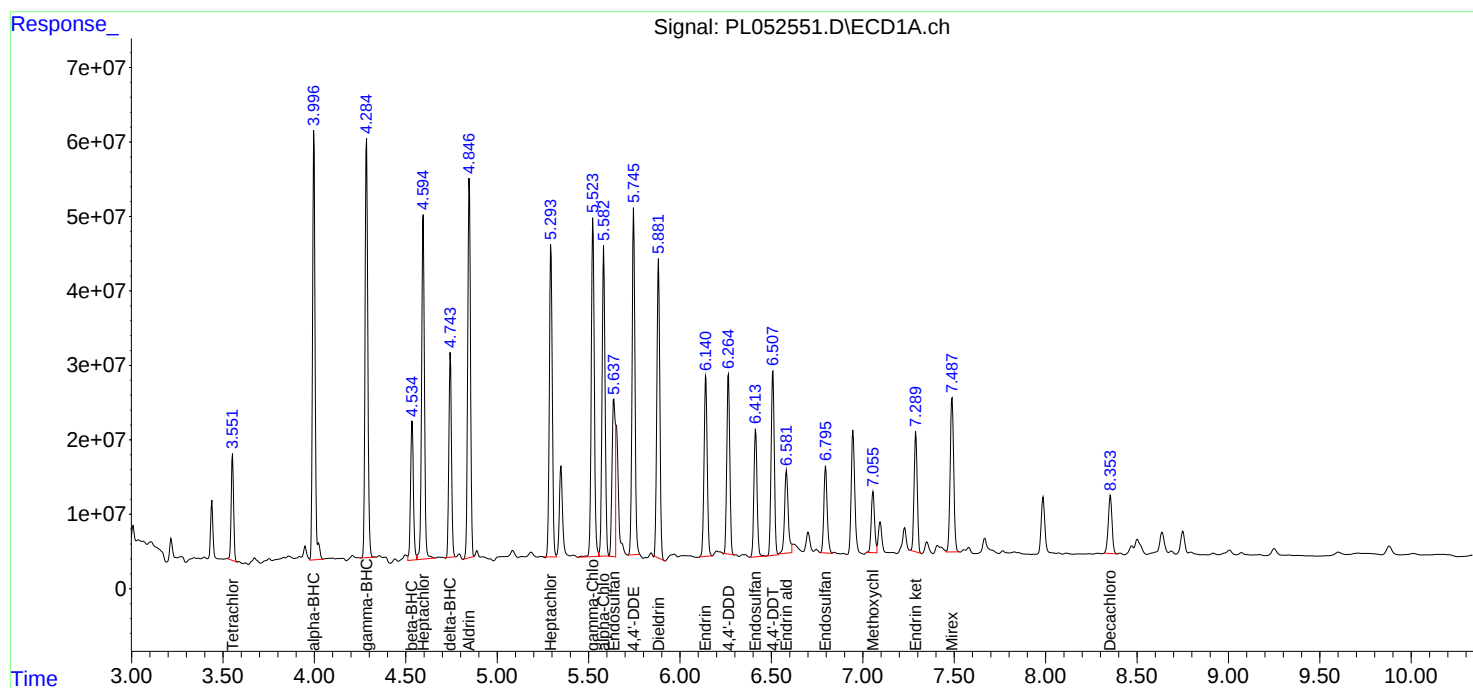
Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

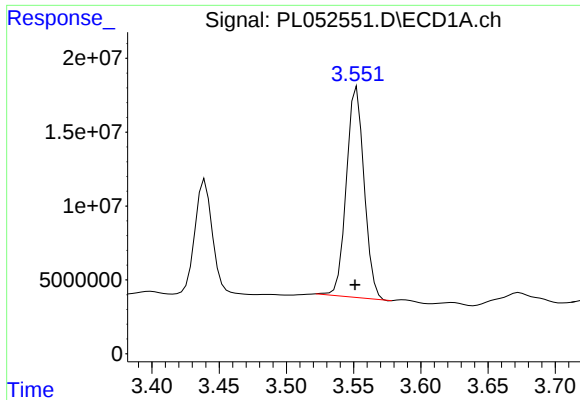
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 06:30:50 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 11:25:25 2019
Response 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





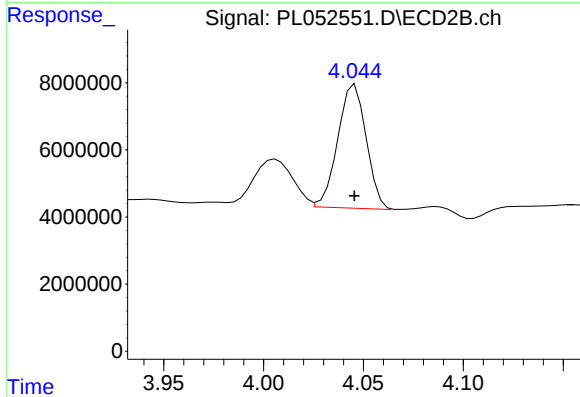
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.001 min
Response: 131108585
Conc: 16.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

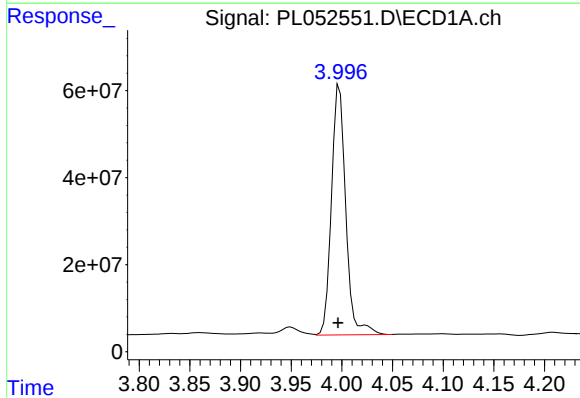
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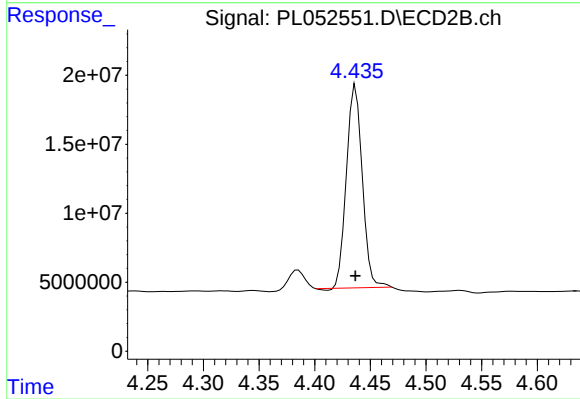
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.001 min
Response: 36352294
Conc: 16.68 ng/ml m



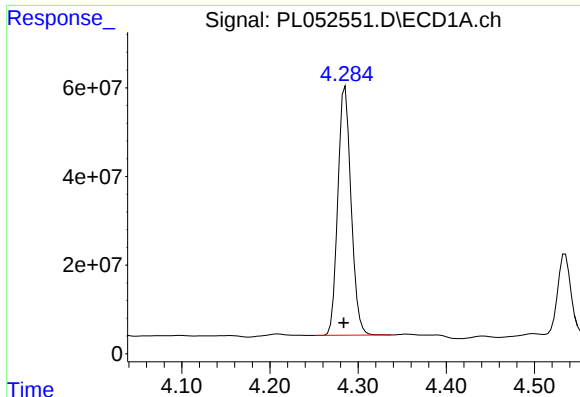
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.002 min
Response: 565723449
Conc: 47.06 ng/ml



#2 alpha-BHC

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 145752697
Conc: 47.68 ng/ml



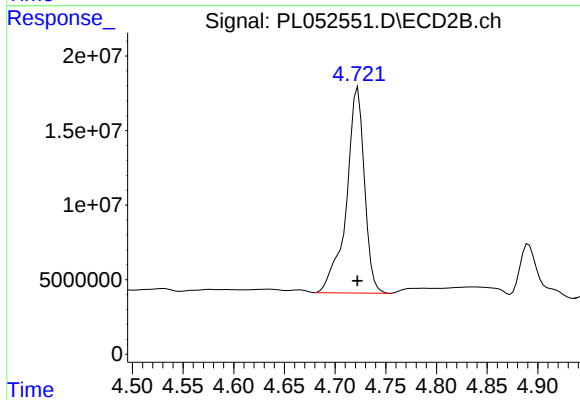
#3 gamma-BHC (Lindane)

R.T.: 4.285 min
Delta R.T.: 0.002 min
Response: 584963406
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

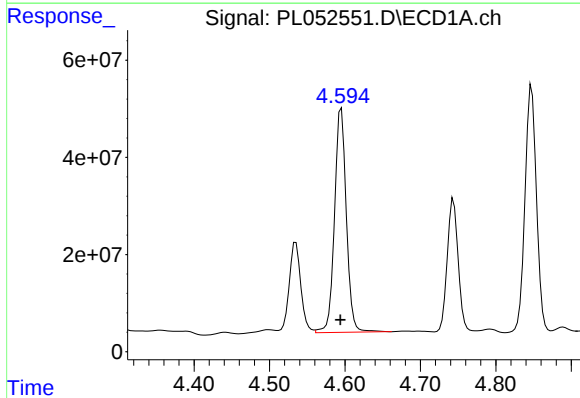
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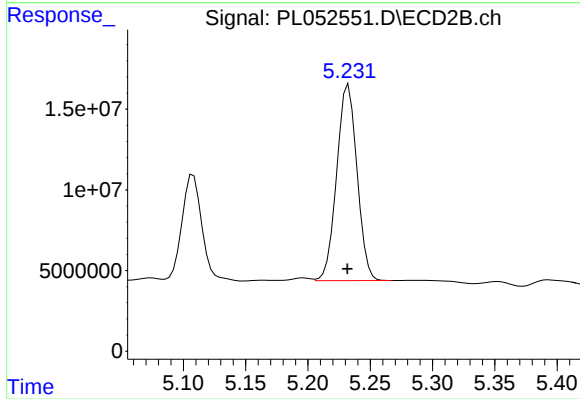
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 170634729
Conc: 59.09 ng/ml



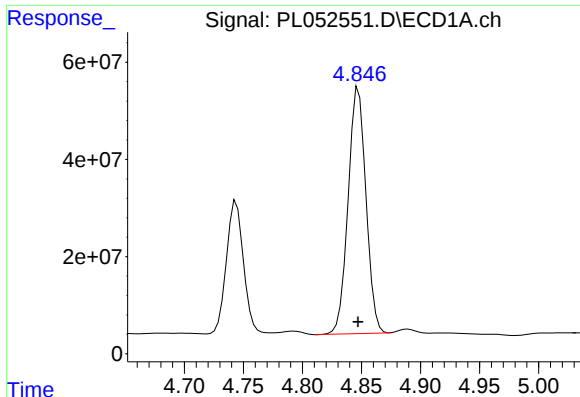
#4 Heptachlor

R.T.: 4.595 min
Delta R.T.: 0.001 min
Response: 503780614
Conc: 44.59 ng/ml



#4 Heptachlor

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 138310473
Conc: 47.13 ng/ml



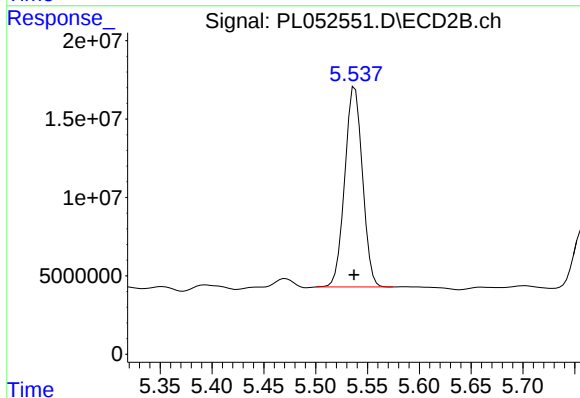
#5 Aldrin

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 532313648
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

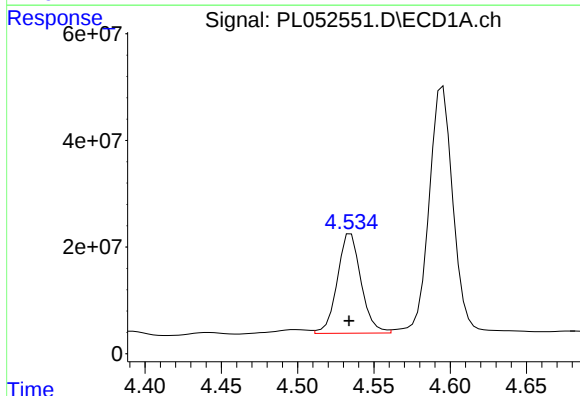
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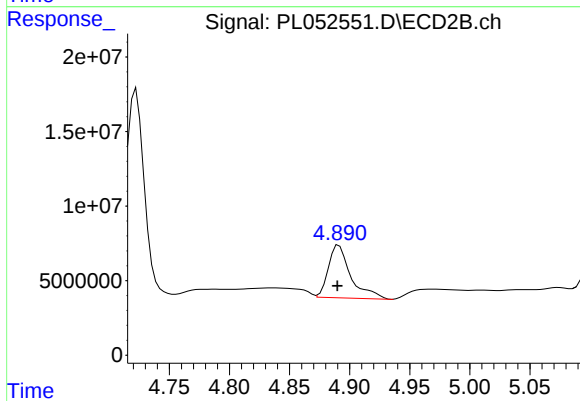
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 151772685
Conc: 57.30 ng/ml



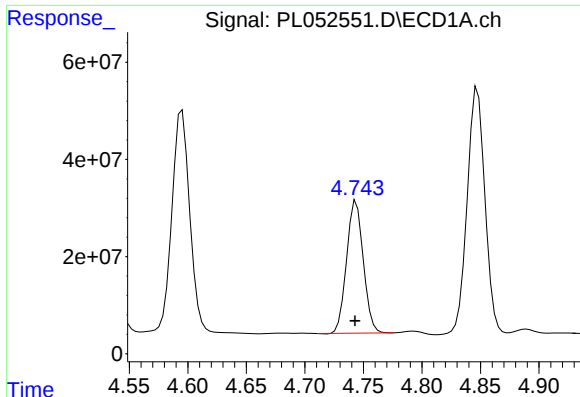
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.001 min
Response: 202099808
Conc: 41.30 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: 0.001 min
Response: 45900552
Conc: 34.42 ng/ml



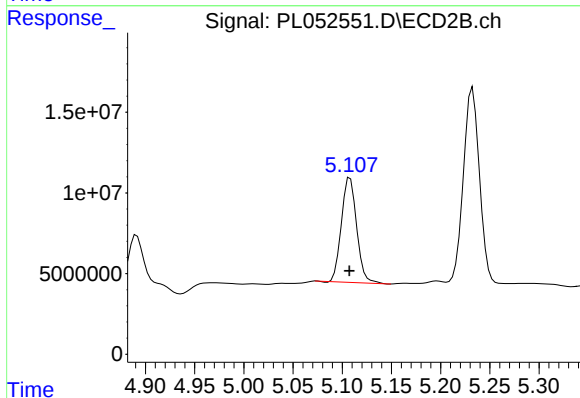
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.001 min
Response: 270178811
Conc: 23.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

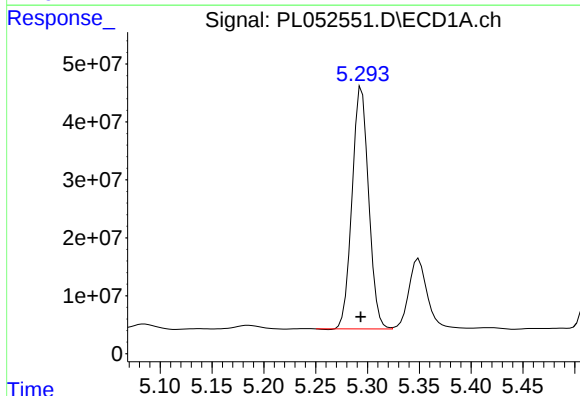
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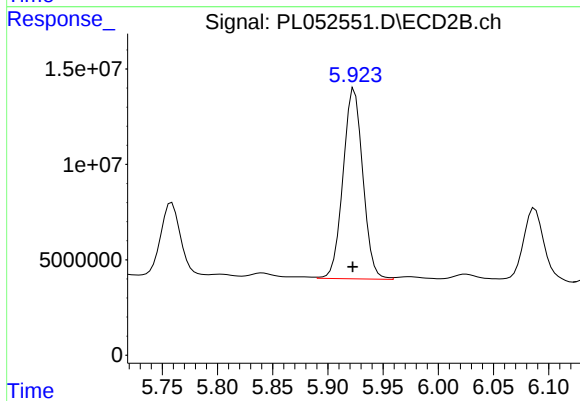
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 70206868
Conc: 24.52 ng/ml



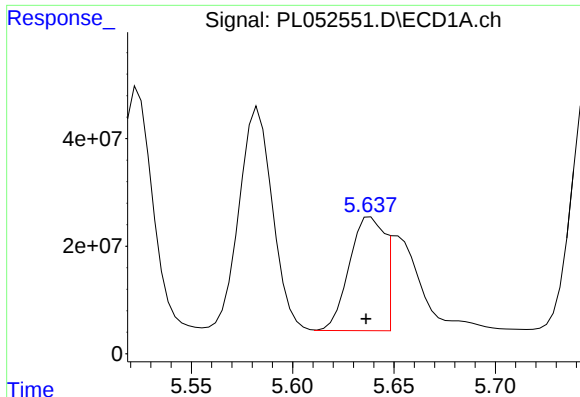
#8 Heptachlor epoxide

R.T.: 5.294 min
Delta R.T.: 0.001 min
Response: 464909324
Conc: 45.50 ng/ml



#8 Heptachlor epoxide

R.T.: 5.924 min
Delta R.T.: 0.002 min
Response: 124524314
Conc: 47.48 ng/ml



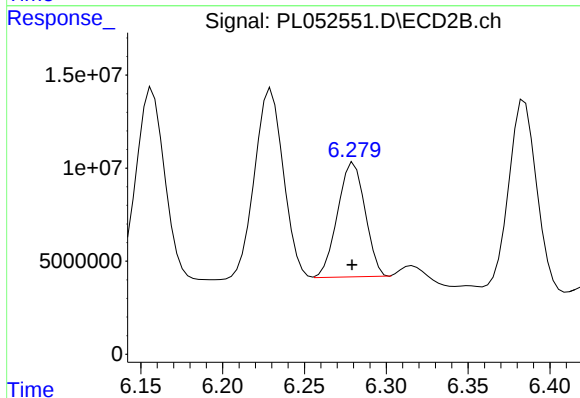
#9 Endosulfan I

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 235683906
Conc: 24.16 ng/ml m

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

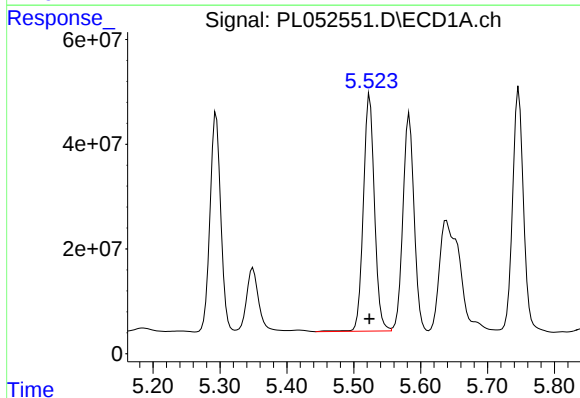
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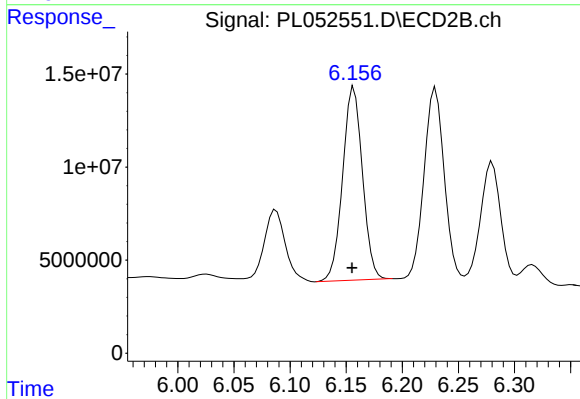
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: 0.001 min
Response: 71608846
Conc: 30.72 ng/ml



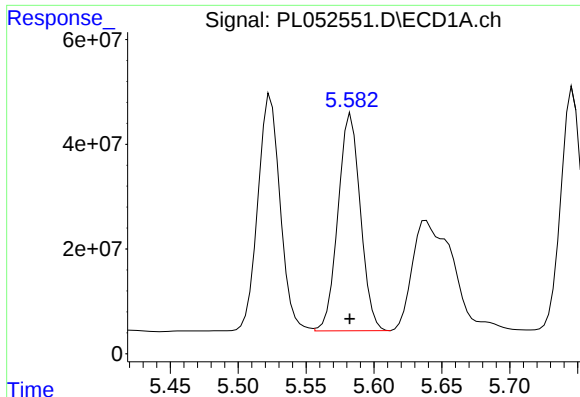
#10 gamma-Chlordane

R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 520117401
Conc: 48.97 ng/ml



#10 gamma-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.002 min
Response: 127139969
Conc: 49.98 ng/ml



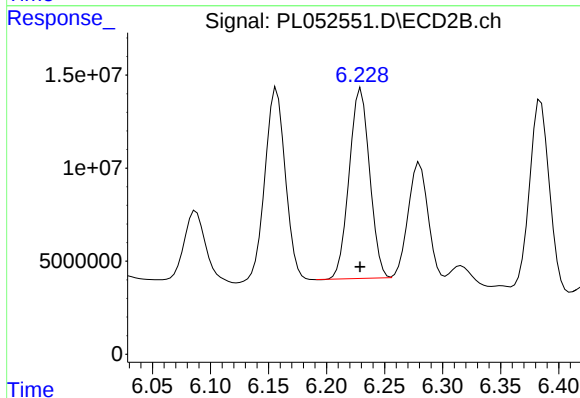
#11 alpha-Chlordane

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 476281396
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

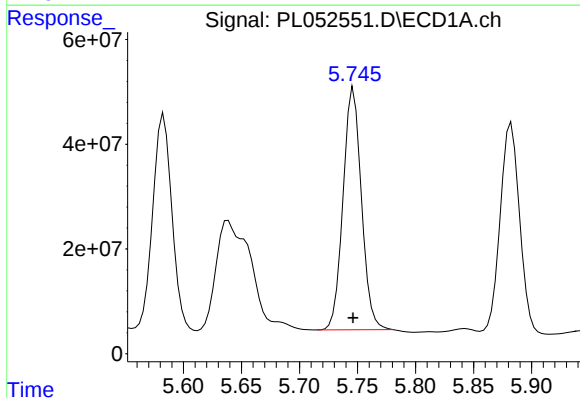
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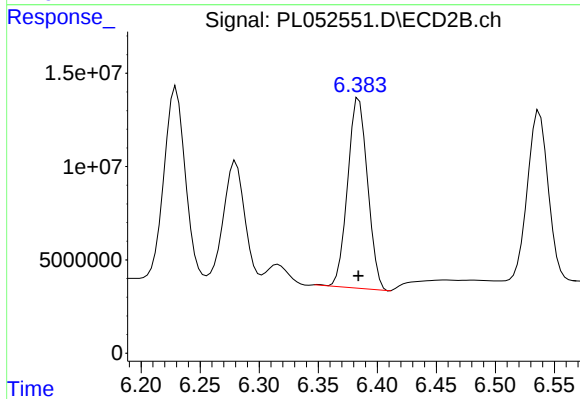
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 125139648
Conc: 50.09 ng/ml



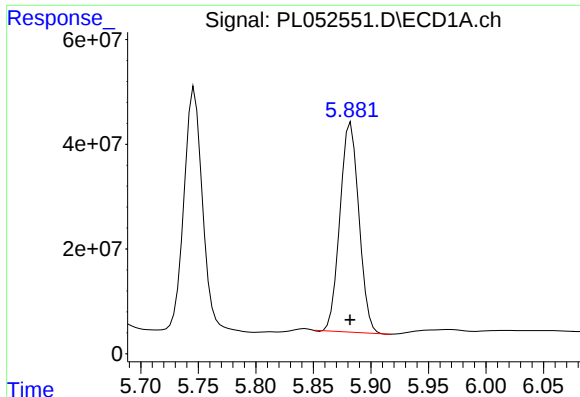
#12 4,4'-DDE

R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 509627791
Conc: 54.62 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 119923472
Conc: 49.19 ng/ml



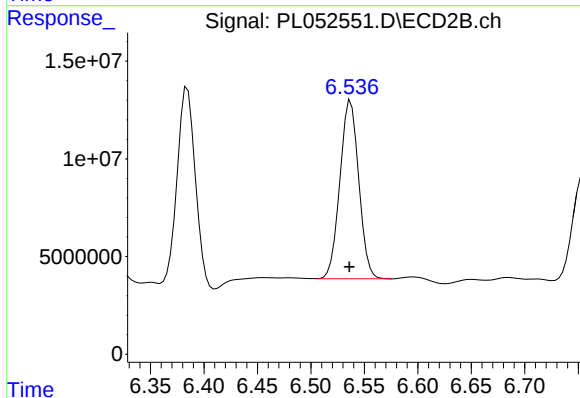
#13 Dieldrin

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 459985735
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

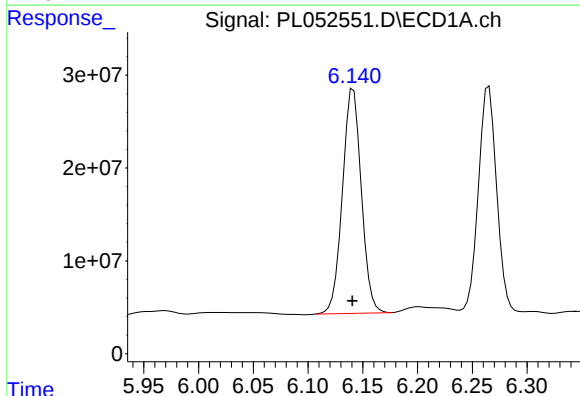
Manual Integrations
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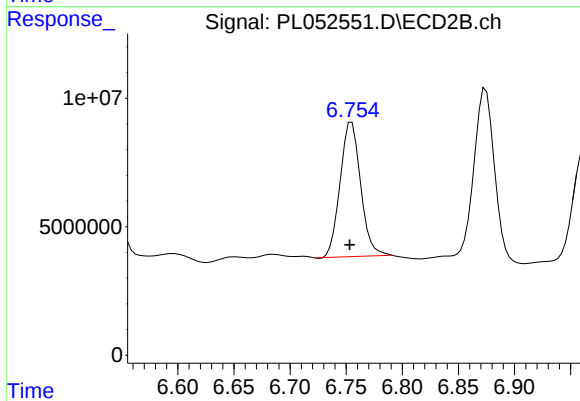
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: 0.001 min
Response: 112061829
Conc: 45.89 ng/ml



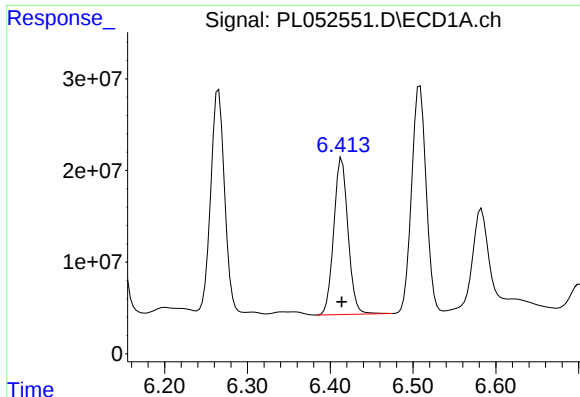
#14 Endrin

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 290506038
Conc: 35.14 ng/ml



#14 Endrin

R.T.: 6.755 min
Delta R.T.: 0.002 min
Response: 66653457
Conc: 34.44 ng/ml



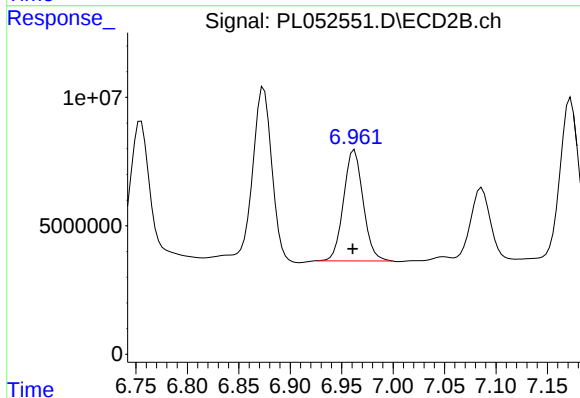
#15 Endosulfan II

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 204438537
Conc: 21.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

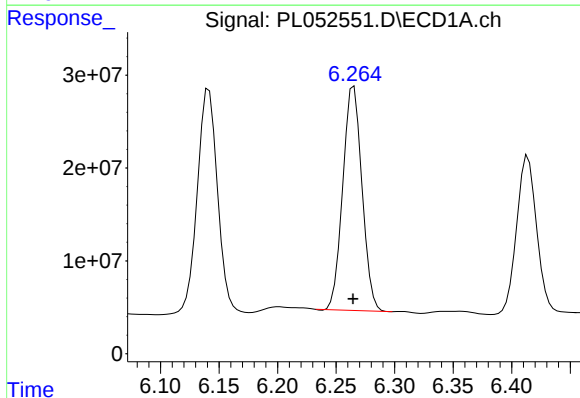
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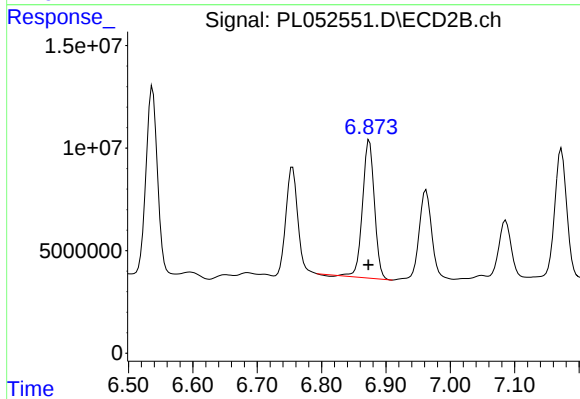
#15 Endosulfan II

R.T.: 6.962 min
Delta R.T.: 0.002 min
Response: 57239263
Conc: 25.64 ng/ml



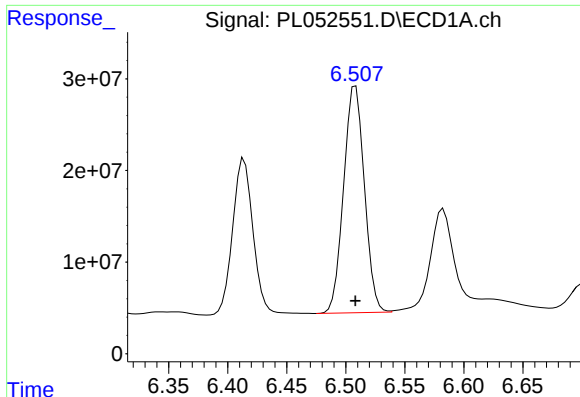
#16 4,4'-DDD

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 275590877
Conc: 35.98 ng/ml



#16 4,4'-DDD

R.T.: 6.874 min
Delta R.T.: 0.002 min
Response: 86217073
Conc: 46.81 ng/ml



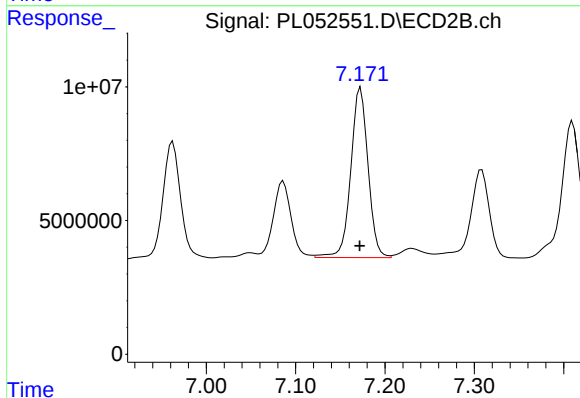
#17 4,4'-DDT

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 303174004
Conc: 39.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

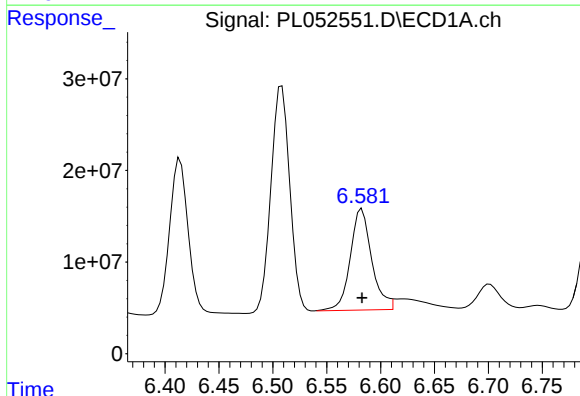
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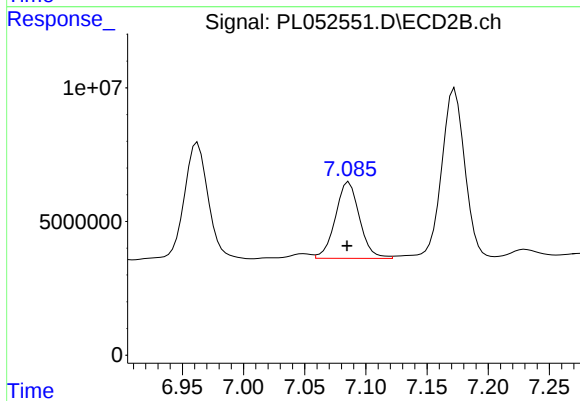
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 85274095
Conc: 46.62 ng/ml



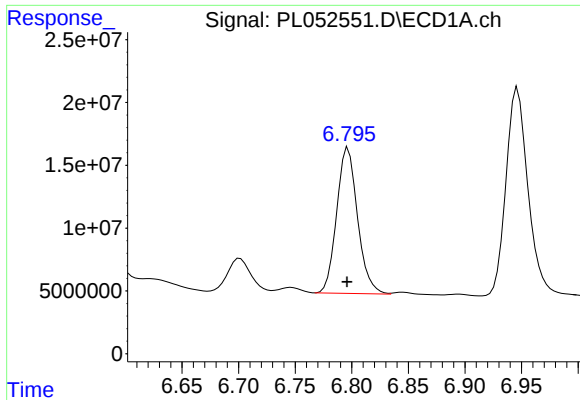
#18 Endrin aldehyde

R.T.: 6.581 min
Delta R.T.: -0.002 min
Response: 152502034
Conc: 19.72 ng/ml m



#18 Endrin aldehyde

R.T.: 7.086 min
Delta R.T.: 0.002 min
Response: 39297366
Conc: 21.18 ng/ml



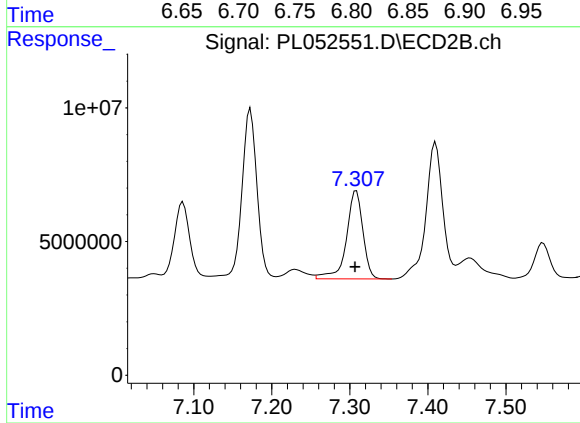
#19 Endosulfan Sulfate

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 149004203
Conc: 17.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

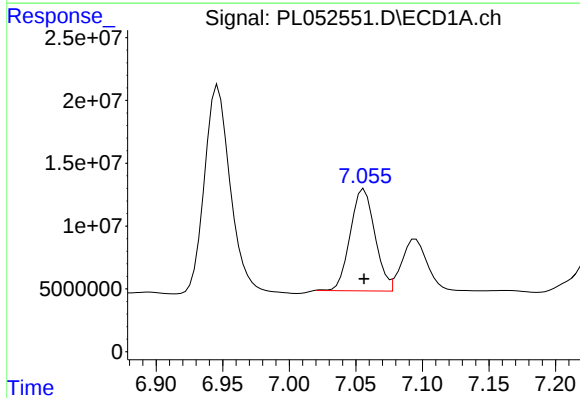
Manual Integrations
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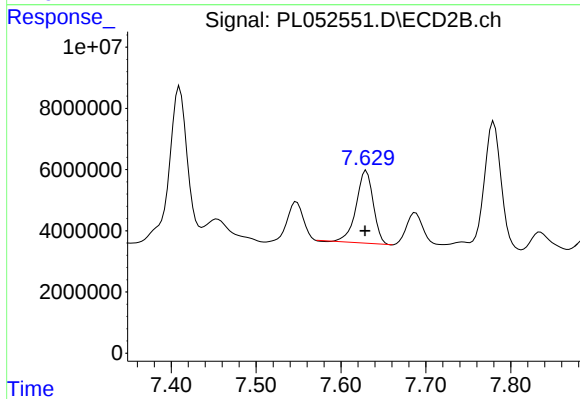
#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: 0.001 min
Response: 48396686
Conc: 23.56 ng/ml



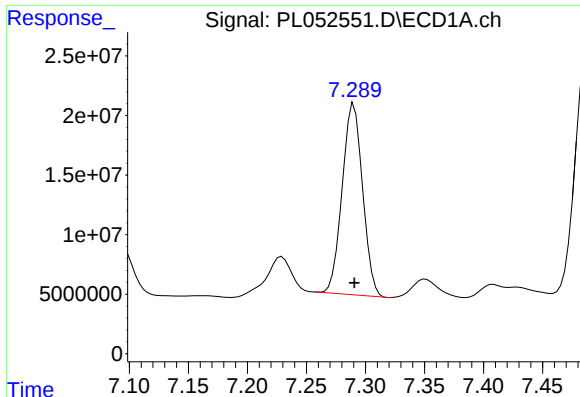
#20 Methoxychlor

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 104561653
Conc: 25.86 ng/ml



#20 Methoxychlor

R.T.: 7.630 min
Delta R.T.: 0.002 min
Response: 33078284
Conc: 32.64 ng/ml



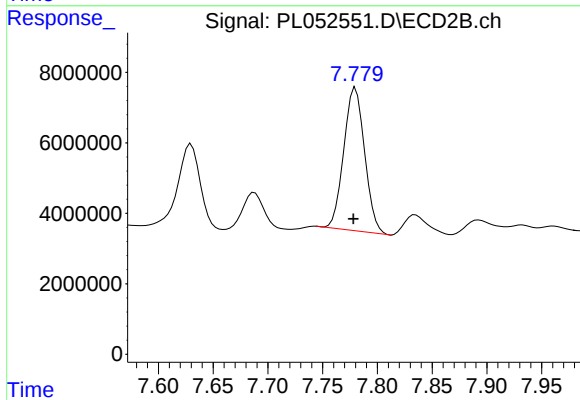
#21 Endrin ketone

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 193272485
Conc: 18.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

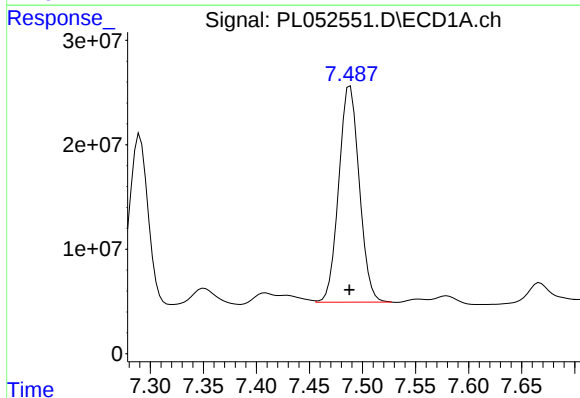
Manual Integrations
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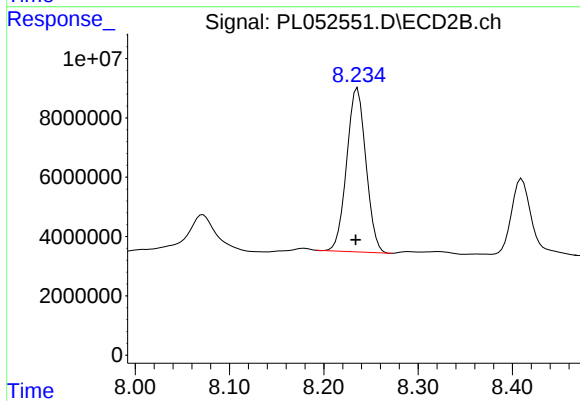
#21 Endrin ketone

R.T.: 7.780 min
Delta R.T.: 0.002 min
Response: 53868458
Conc: 24.26 ng/ml



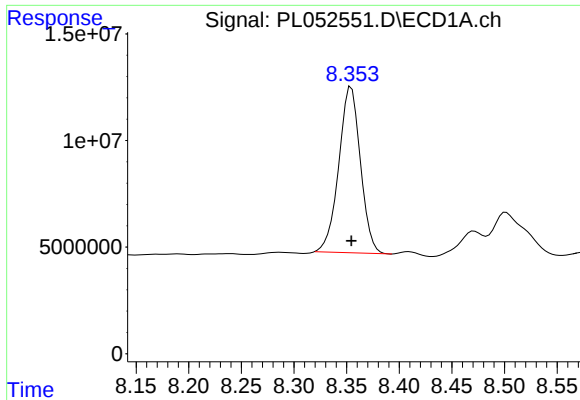
#22 Mirex

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 278150342
Conc: 36.37 ng/ml m



#22 Mirex

R.T.: 8.236 min
Delta R.T.: 0.002 min
Response: 78360039
Conc: 45.79 ng/ml



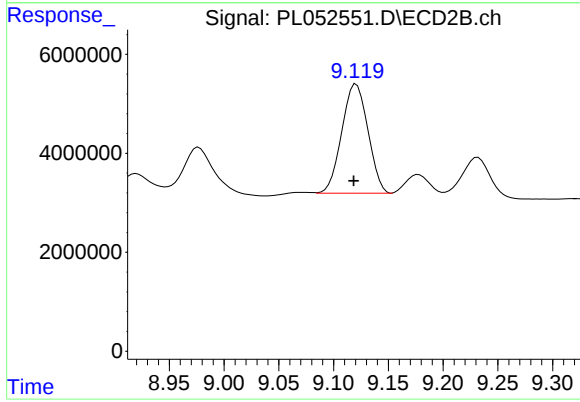
#28 Decachlorobiphenyl

R.T.: 8.354 min
Delta R.T.: 0.000 min
Response: 111690670
Conc: 12.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200059-RT-1494MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.002 min
Response: 36602600
Conc: 15.29 ng/ml