

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030119\
 Data File : PL045372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2019 06:49
 Operator : AJ\SJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
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 3/4/2019 11:54:23 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 23:50:16 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...	3.364	3.983	347.5E6	108.2E6	50.515	50.515
28)	SA Decachlor...	8.047	9.041	376.1E6	104.2E6	44.951	45.619
Target Compounds							
2)	A alpha-BHC	3.794	4.373	572.9E6	157.9E6	51.580	51.971
3)	MA gamma-BHC...	4.071	4.657	525.4E6	146.1E6	51.984	51.715
4)	MA Heptachlor	4.359	5.164	536.4E6	150.6E6	50.834	50.627
5)	MB Aldrin	4.600	5.468	502.6E6	138.1E6	51.675	51.133
6)	B beta-BHC	4.324	4.829	213.8E6	66097362	49.871	52.047
7)	B delta-BHC	4.520	5.045	501.5E6	122.1E6	52.469	56.773
8)	B Heptachlo...	5.037	5.855	473.2E6	128.0E6	50.703	53.287
9)	A Endosulfan I	5.370	6.211	447.7E6	123.7E6	50.083	49.673
10)	B gamma-Chl...	5.261	6.089	489.2E6	134.9E6	49.989	50.289
11)	B alpha-Chl...	5.317	6.161	482.3E6	134.2E6	49.734	49.751
12)	B 4,4'-DDE	5.485	6.319	443.7E6	117.7E6	50.548	50.386
13)	MA Dieldrin	5.610	6.468	483.4E6	128.2E6	50.574	49.884
14)	MA Endrin	5.863	6.686	429.5E6	107.2E6	47.692	47.116
15)	B Endosulfa...	6.138	6.895	423.3E6	114.7E6	48.830	48.783
16)	A 4,4'-DDD	5.997	6.809	367.1E6	97305406	50.138	50.599
17)	MA 4,4'-DDT	6.232	7.107	368.5E6	98236345	49.134	49.779
18)	B Endrin al...	6.304	7.020	353.6E6	99864278	48.370	48.852
19)	B Endosulfa...	6.516	7.242	392.7E6	109.9E6	48.308	48.867
20)	A Methoxychlor	6.777	7.564	202.2E6	58895328	46.034	47.983m
21)	B Endrin ke...	7.000	7.712	460.9E6	119.5E6	50.026	50.244
22)	Mirex	7.177	8.165	347.7E6	94274431	46.732	47.334

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030119\
Data File : PL045372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Mar 2019 06:49
Operator : AJ\SJ
Sample : PSTDCCC050
Misc :
ALS Vial : 100 Sample Multiplier: 1

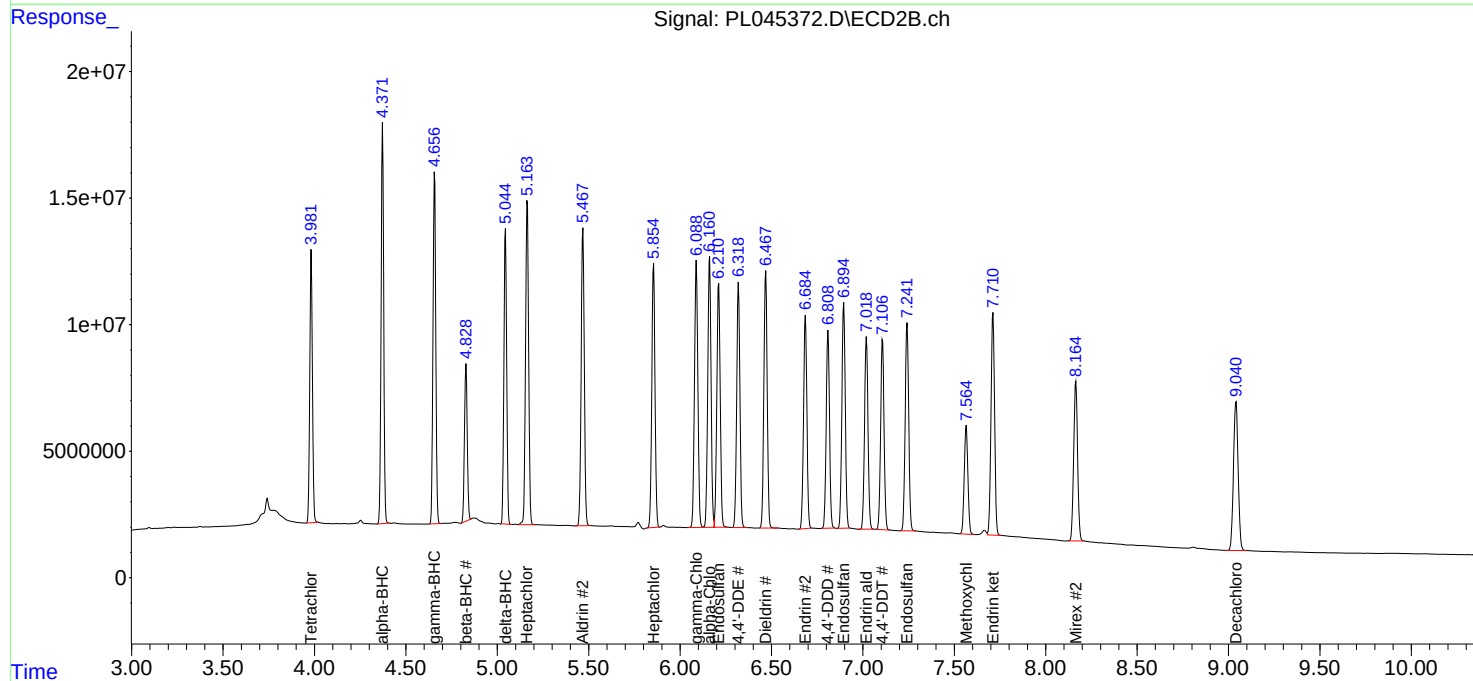
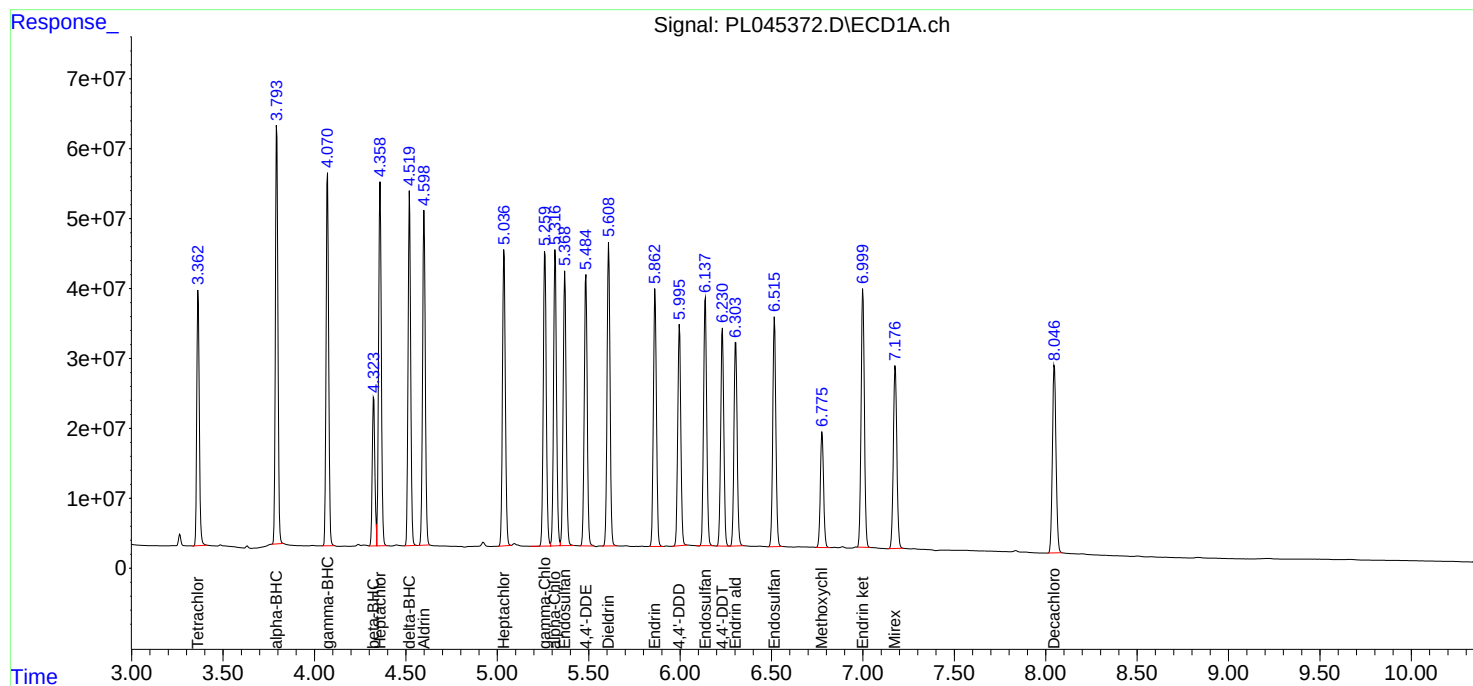
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

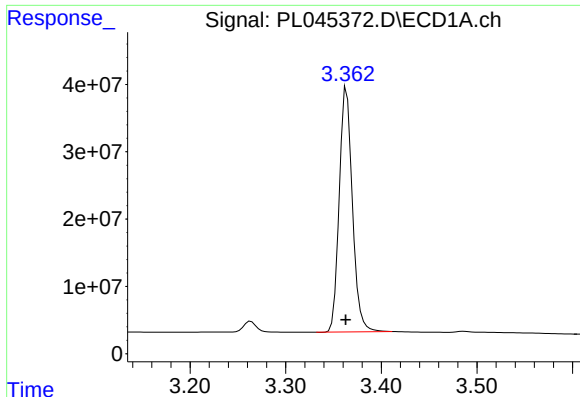
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 03 23:50:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 2019
Response 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





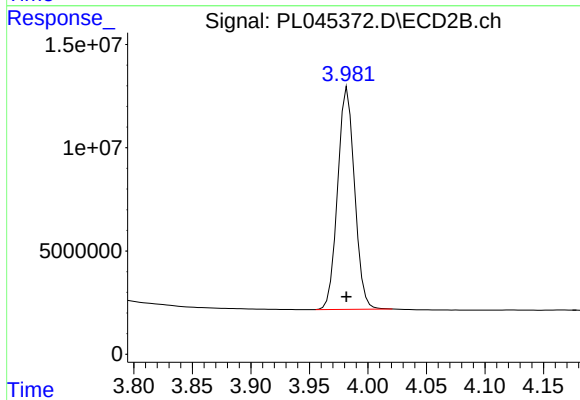
#1 Tetrachloro-m-xylene

R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 347505465
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

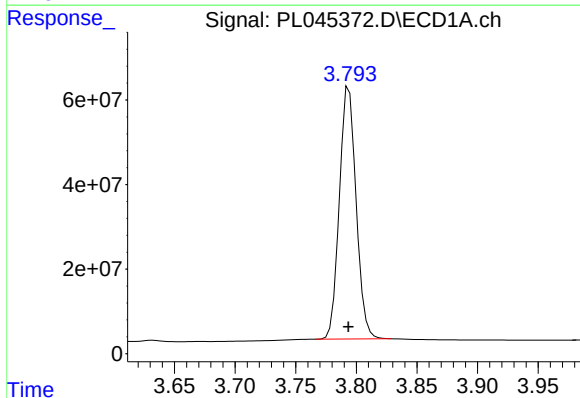
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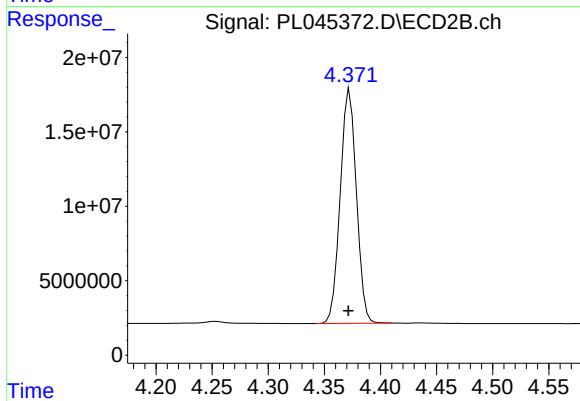
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 108179654
Conc: 50.51 ng/ml



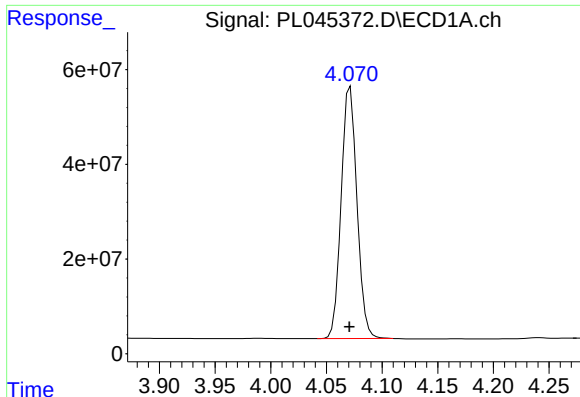
#2 alpha-BHC

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 572914023
Conc: 51.58 ng/ml



#2 alpha-BHC

R.T.: 4.373 min
Delta R.T.: 0.001 min
Response: 157922708
Conc: 51.97 ng/ml



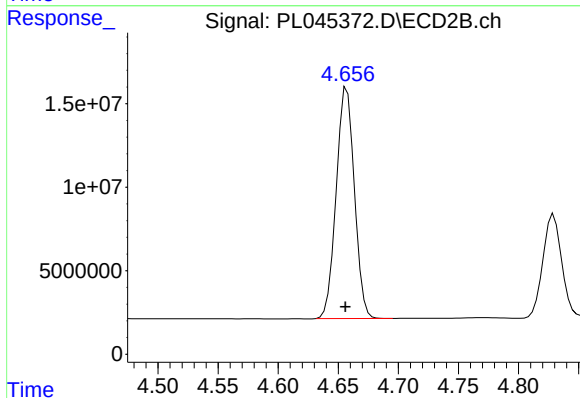
#3 gamma-BHC (Lindane)

R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 525415718
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

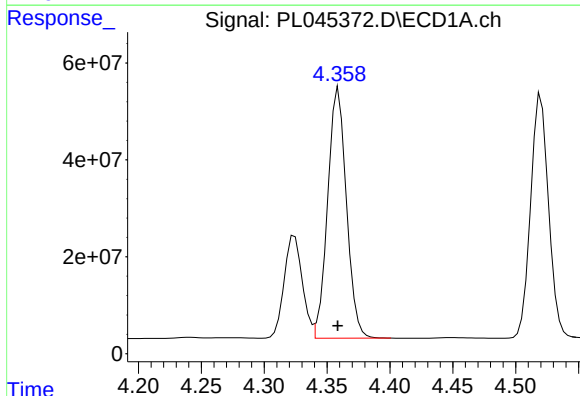
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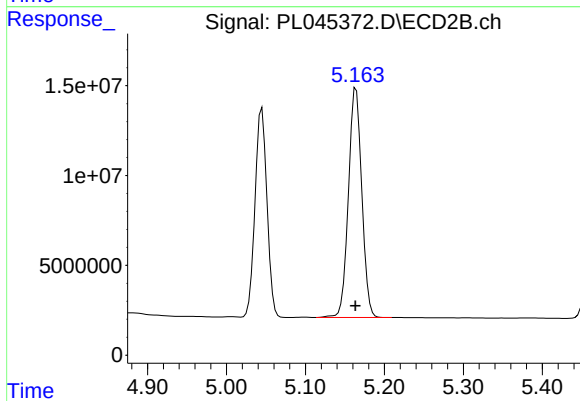
#3 gamma-BHC (Lindane)

R.T.: 4.657 min
Delta R.T.: 0.001 min
Response: 146075026
Conc: 51.72 ng/ml



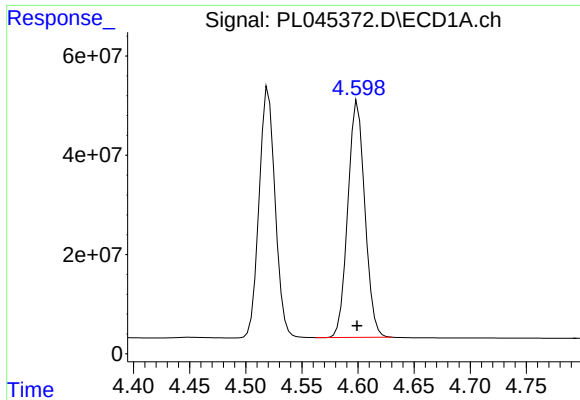
#4 Heptachlor

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 536409810
Conc: 50.83 ng/ml



#4 Heptachlor

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 150613103
Conc: 50.63 ng/ml



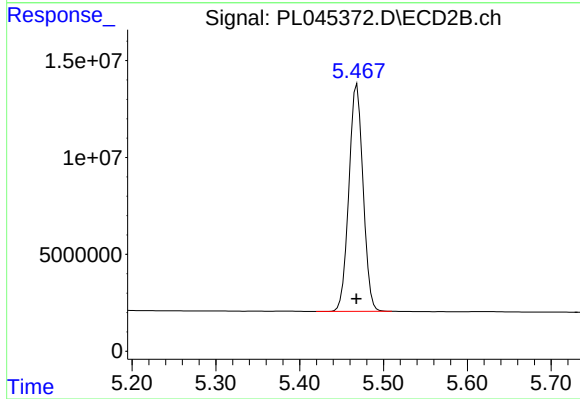
#5 Aldrin

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 502613465
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

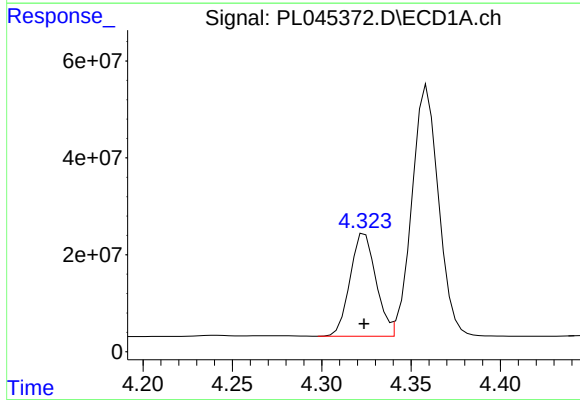
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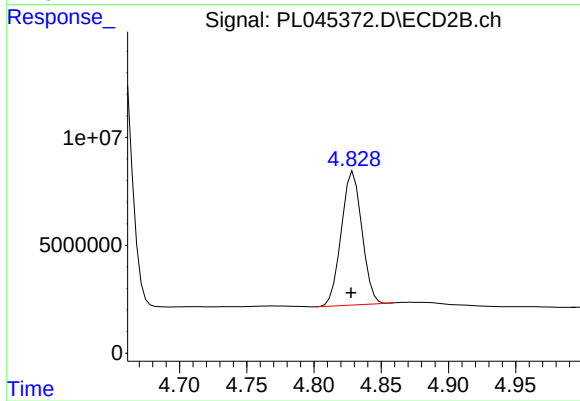
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 138107471
Conc: 51.13 ng/ml



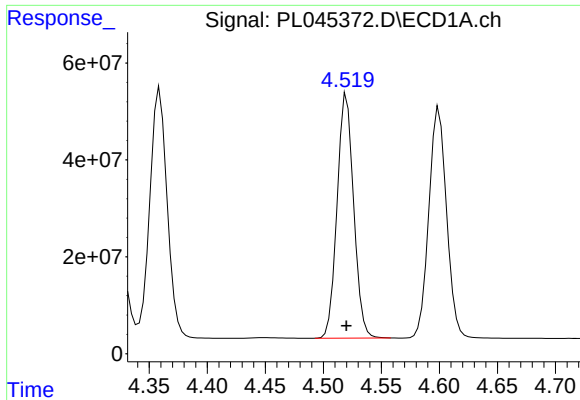
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 213750772
Conc: 49.87 ng/ml



#6 beta-BHC

R.T.: 4.829 min
Delta R.T.: 0.002 min
Response: 66097362
Conc: 52.05 ng/ml



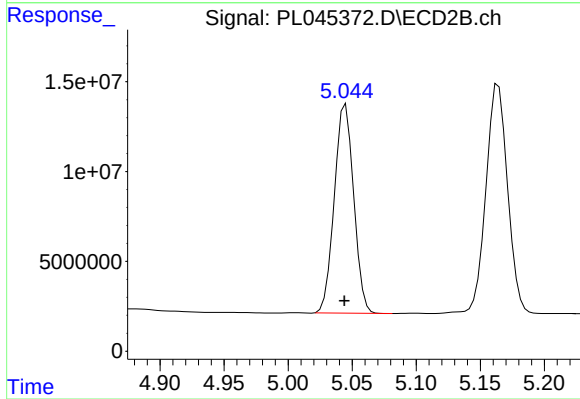
#7 delta-BHC

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 501491984
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

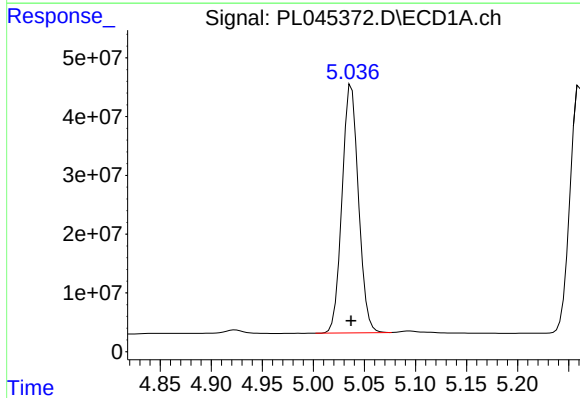
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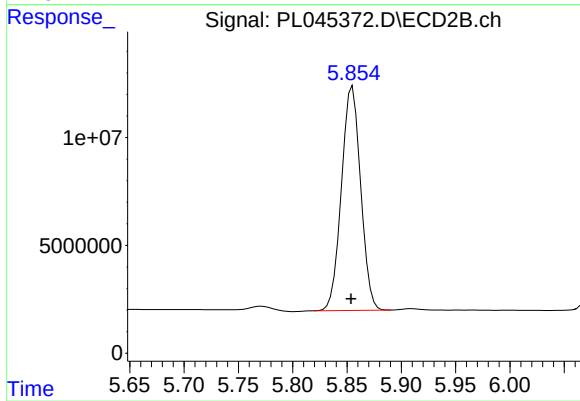
#7 delta-BHC

R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 122111414
Conc: 56.77 ng/ml



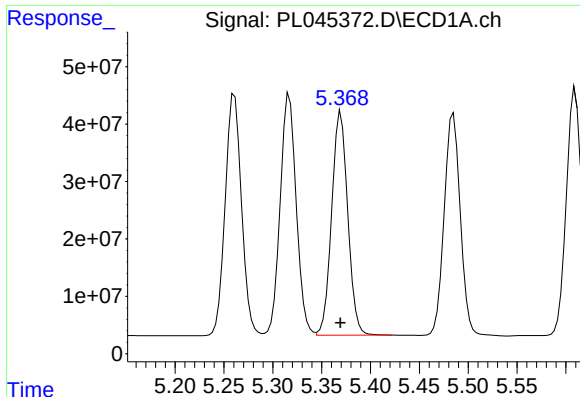
#8 Heptachlor epoxide

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 473220875
Conc: 50.70 ng/ml



#8 Heptachlor epoxide

R.T.: 5.855 min
Delta R.T.: 0.002 min
Response: 127991045
Conc: 53.29 ng/ml



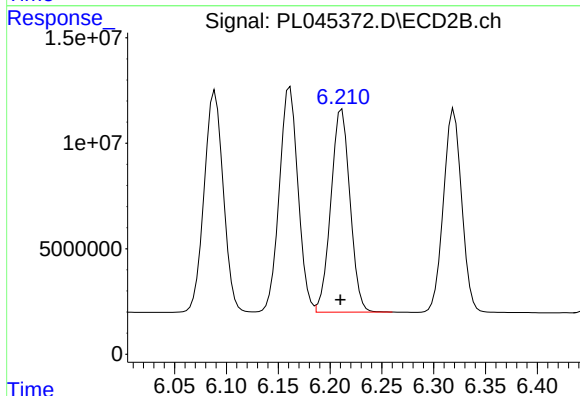
#9 Endosulfan I

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 447663513
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

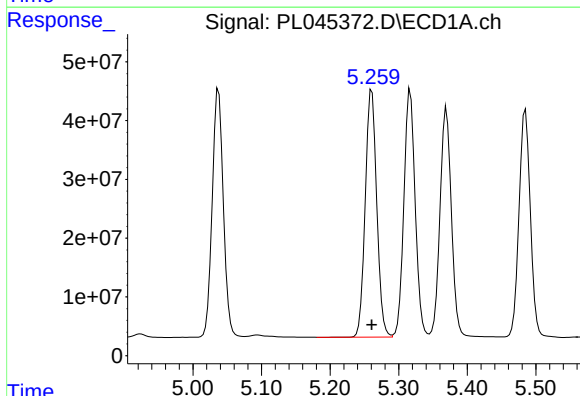
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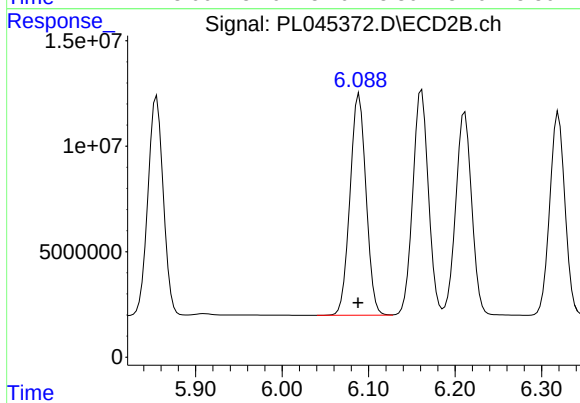
#9 Endosulfan I

R.T.: 6.211 min
Delta R.T.: 0.002 min
Response: 123700744
Conc: 49.67 ng/ml



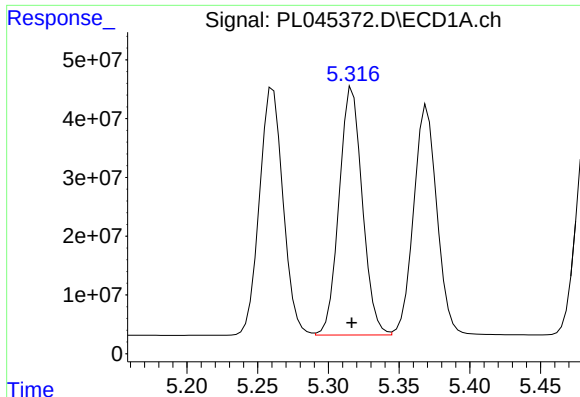
#10 gamma-Chlordane

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 489244829
Conc: 49.99 ng/ml



#10 gamma-Chlordane

R.T.: 6.089 min
Delta R.T.: 0.001 min
Response: 134922499
Conc: 50.29 ng/ml



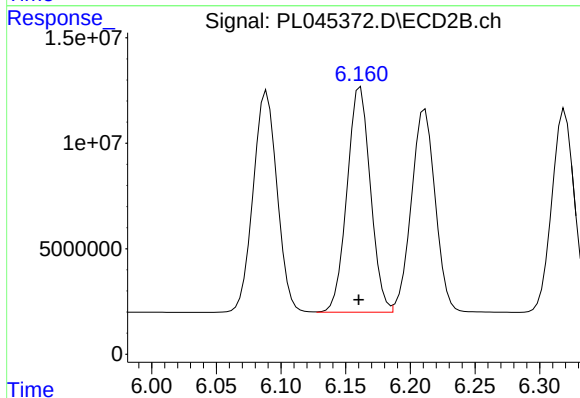
#11 alpha-Chlordane

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 482269912
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

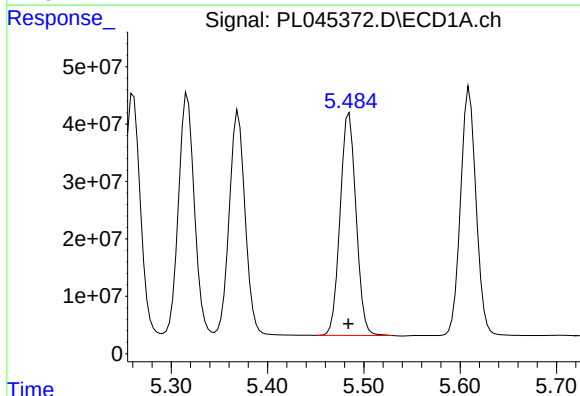
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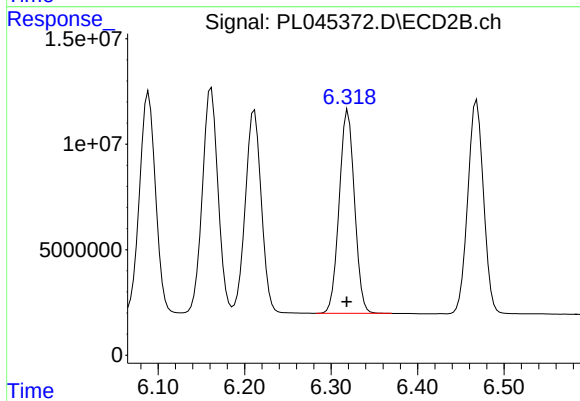
#11 alpha-Chlordane

R.T.: 6.161 min
Delta R.T.: 0.001 min
Response: 134213336
Conc: 49.75 ng/ml



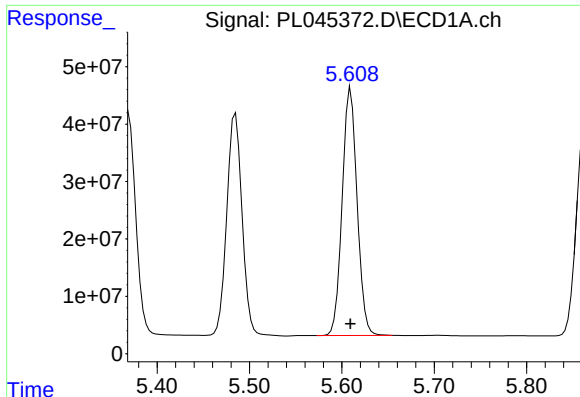
#12 4,4'-DDE

R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 443721554
Conc: 50.55 ng/ml



#12 4,4'-DDE

R.T.: 6.319 min
Delta R.T.: 0.001 min
Response: 117695783
Conc: 50.39 ng/ml



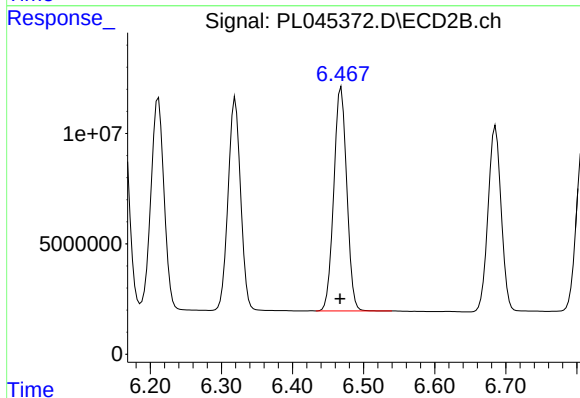
#13 Dieldrin

R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 483386390
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

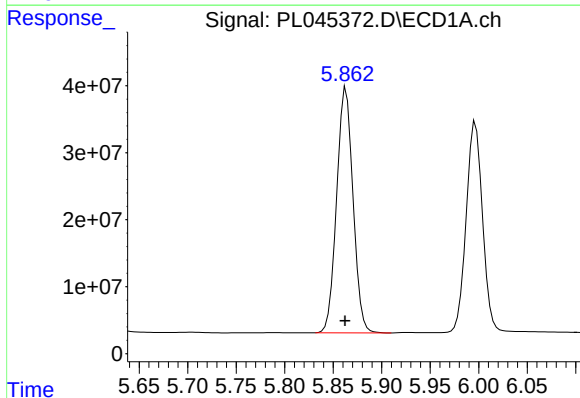
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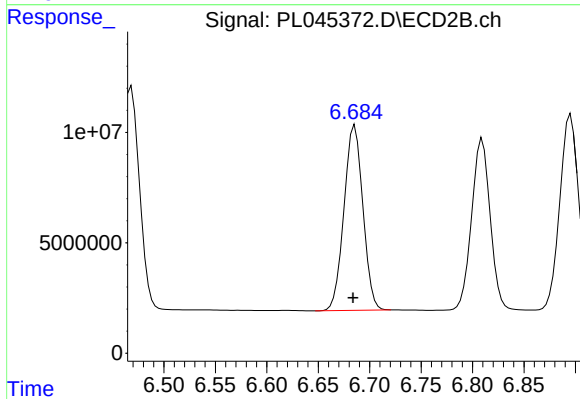
#13 Dieldrin

R.T.: 6.468 min
Delta R.T.: 0.002 min
Response: 128188321
Conc: 49.88 ng/ml



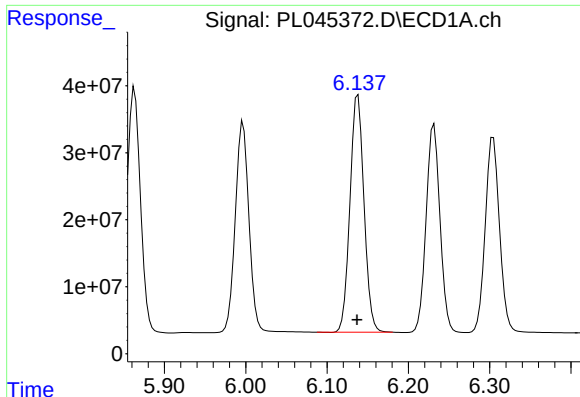
#14 Endrin

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 429501600
Conc: 47.69 ng/ml



#14 Endrin

R.T.: 6.686 min
Delta R.T.: 0.002 min
Response: 107201581
Conc: 47.12 ng/ml



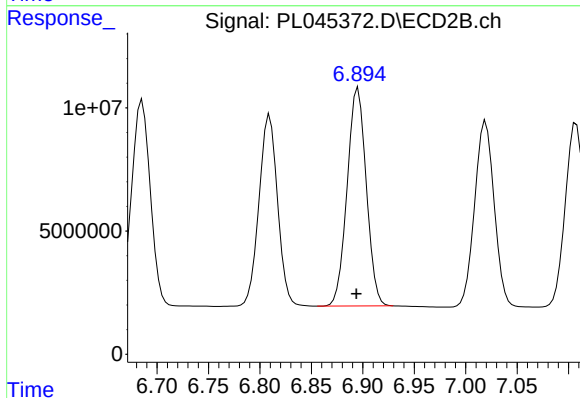
#15 Endosulfan II

R.T.: 6.138 min
Delta R.T.: 0.001 min
Response: 423289853
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

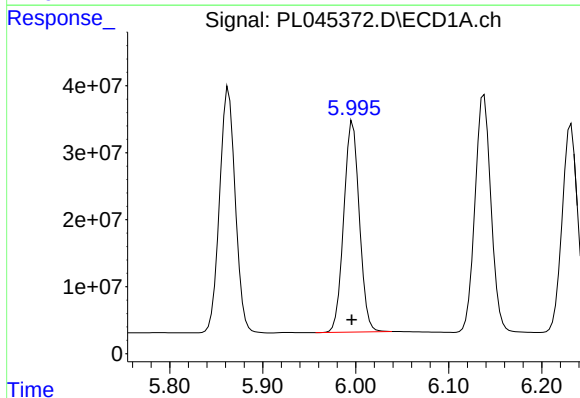
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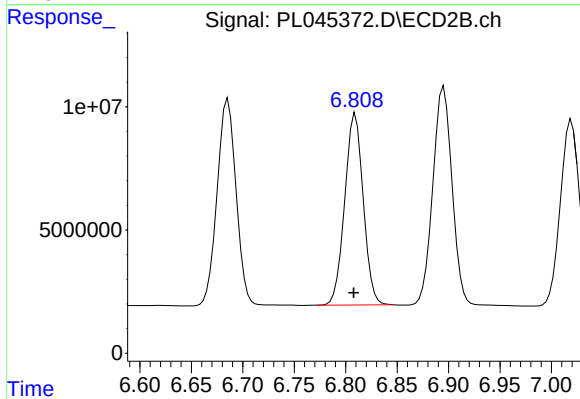
#15 Endosulfan II

R.T.: 6.895 min
Delta R.T.: 0.002 min
Response: 114720285
Conc: 48.78 ng/ml



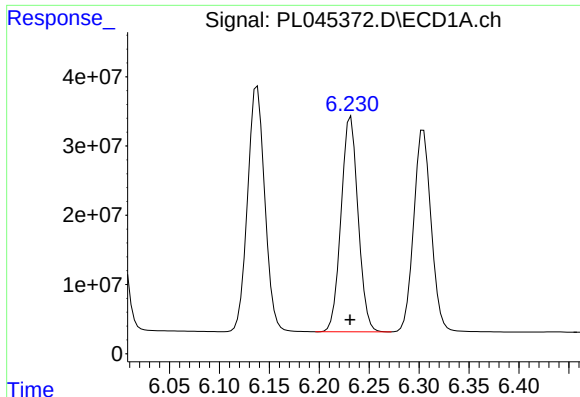
#16 4,4'-DDD

R.T.: 5.997 min
Delta R.T.: 0.001 min
Response: 367104411
Conc: 50.14 ng/ml



#16 4,4'-DDD

R.T.: 6.809 min
Delta R.T.: 0.002 min
Response: 97305406
Conc: 50.60 ng/ml



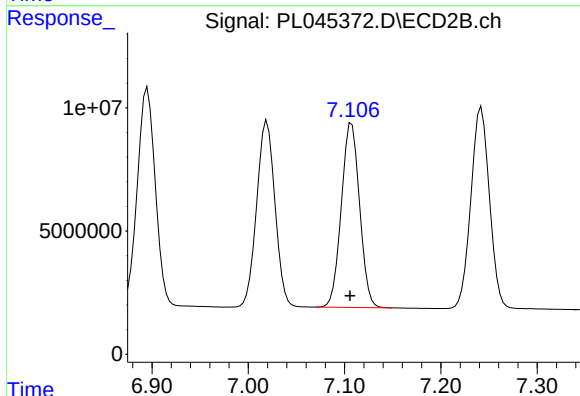
#17 4,4'-DDT

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 368509790
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

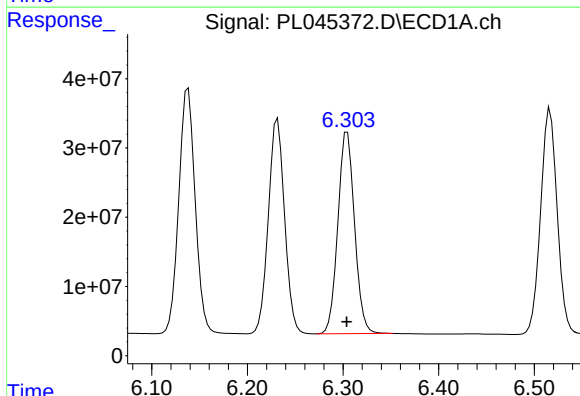
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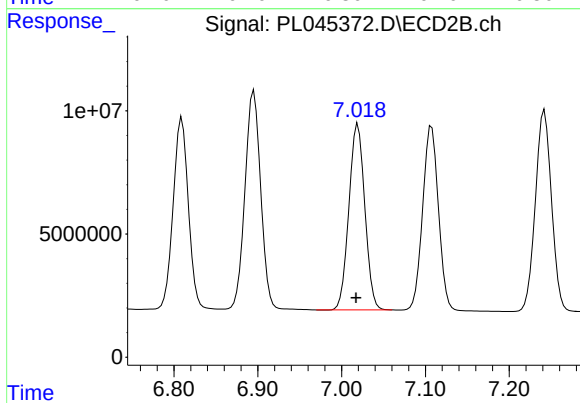
#17 4,4'-DDT

R.T.: 7.107 min
Delta R.T.: 0.002 min
Response: 98236345
Conc: 49.78 ng/ml



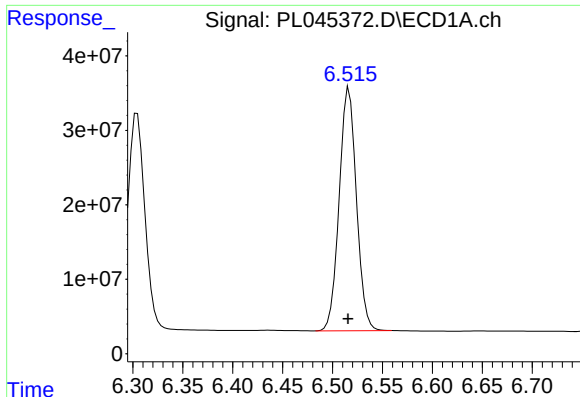
#18 Endrin aldehyde

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 353568019
Conc: 48.37 ng/ml



#18 Endrin aldehyde

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 99864278
Conc: 48.85 ng/ml



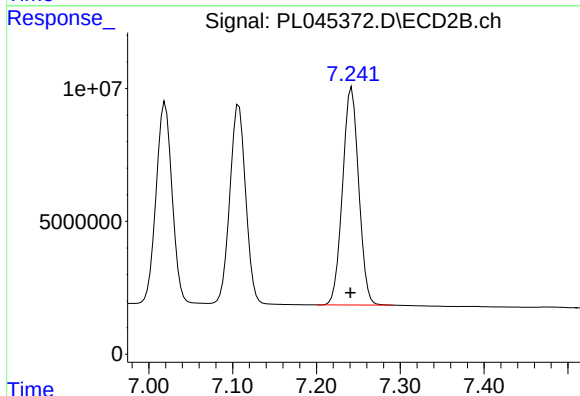
#19 Endosulfan Sulfate

R.T.: 6.516 min
Delta R.T.: 0.001 min
Response: 392651644
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

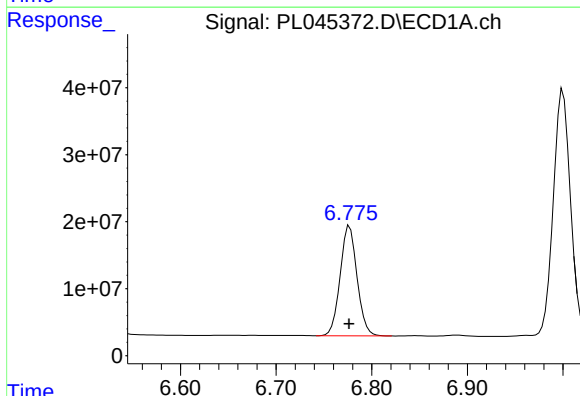
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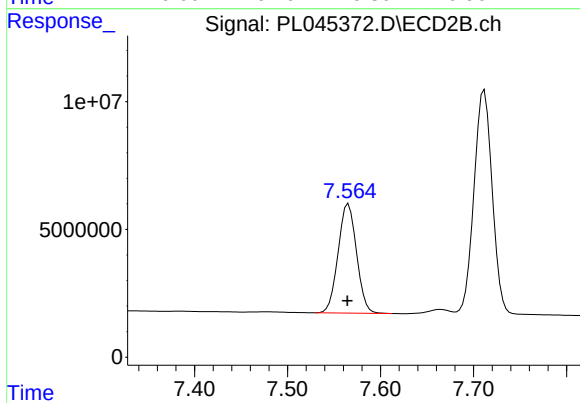
#19 Endosulfan Sulfate

R.T.: 7.242 min
Delta R.T.: 0.001 min
Response: 109926340
Conc: 48.87 ng/ml



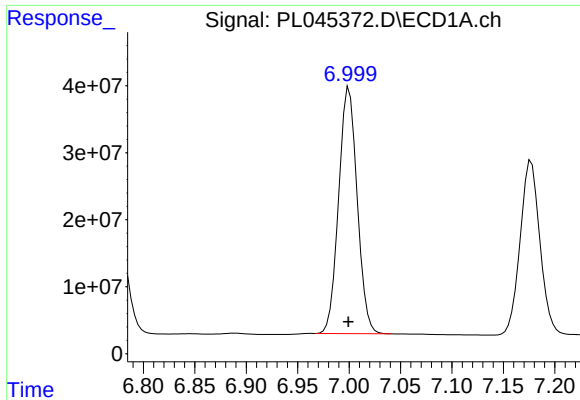
#20 Methoxychlor

R.T.: 6.777 min
Delta R.T.: 0.000 min
Response: 202170395
Conc: 46.03 ng/ml



#20 Methoxychlor

R.T.: 7.564 min
Delta R.T.: 0.000 min
Response: 58895328
Conc: 47.98 ng/ml m



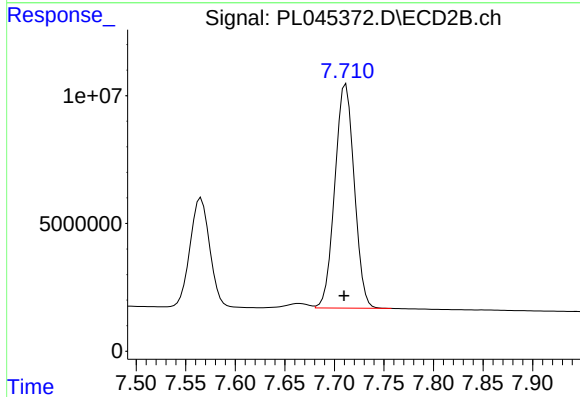
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 460880769
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

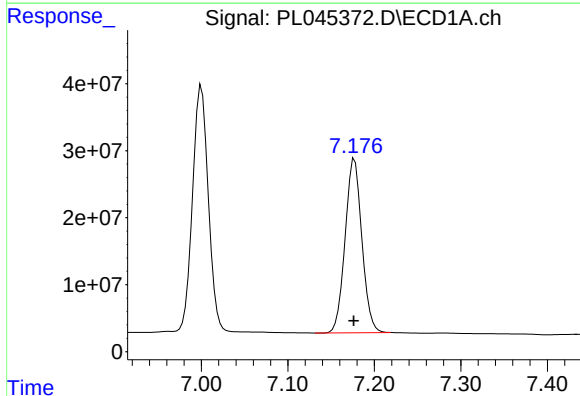
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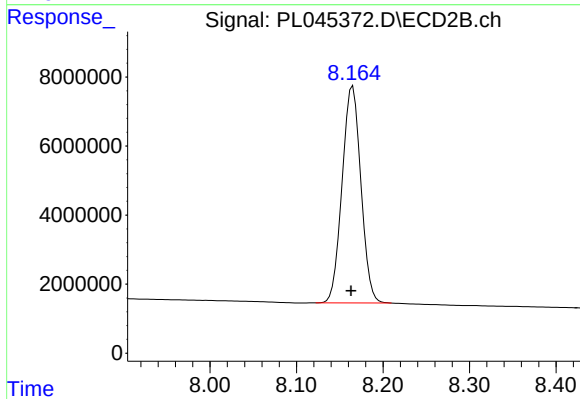
#21 Endrin ketone

R.T.: 7.712 min
Delta R.T.: 0.002 min
Response: 119501469
Conc: 50.24 ng/ml



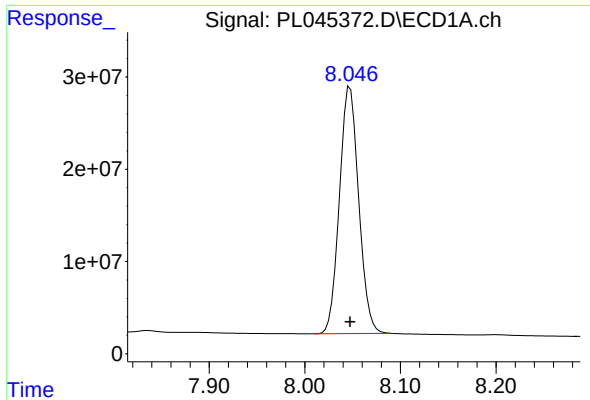
#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 347695603
Conc: 46.73 ng/ml



#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.002 min
Response: 94274431
Conc: 47.33 ng/ml



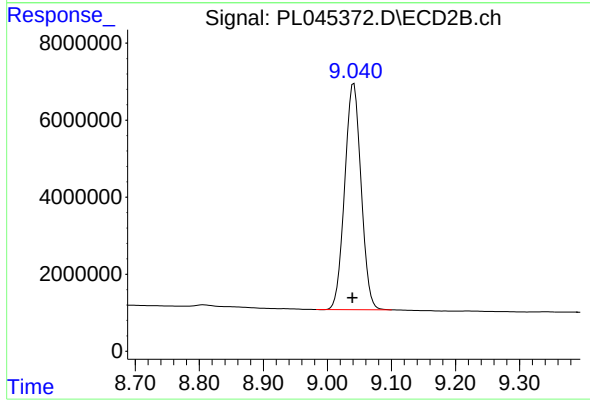
#28 Decachlorobiphenyl

R.T.: 8.047 min
Delta R.T.: 0.000 min
Response: 376128153
Conc: 44.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Sohil
3/4/2019 11:54:23 AM



#28 Decachlorobiphenyl

R.T.: 9.041 min
Delta R.T.: 0.002 min
Response: 104236761
Conc: 45.62 ng/ml