

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041019\
 Data File : PL047225.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2019 23:11
 Operator : AJ\SJ
 Sample : PB118789BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB118789BS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 01:14:28 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...	3.357	3.976	133.0E6	44451445	18.289	19.414
28)	SA Decachlor...	8.033	9.029	154.3E6	47478050	18.350	20.478
Target Compounds							
2)	A alpha-BHC	3.786	4.366	567.8E6	161.6E6	48.691	50.293
3)	MA gamma-BHC...	4.063	4.650	510.5E6	150.7E6	47.510	50.346
4)	MA Heptachlor	4.350	5.156	516.4E6	151.6E6	46.836	49.271
5)	MB Aldrin	4.591	5.460	514.5E6	149.1E6	49.880	52.049
6)	B beta-BHC	4.317	4.824	209.9E6	67249668	46.618	50.728
7)	B delta-BHC	4.512	5.039	478.7E6	129.2E6	47.290	55.672
8)	B Heptachlor...	5.027	5.846	476.0E6	136.2E6	48.802	51.646
9)	A Endosulfan I	5.359	6.203	449.3E6	131.0E6	47.784	50.191
10)	B gamma-Chl...	5.250	6.080	485.9E6	143.0E6	47.298	50.401
11)	B alpha-Chl...	5.306	6.153	474.2E6	141.8E6	46.767	49.981
12)	B 4,4'-DDE	5.472	6.311	450.2E6	126.6E6	48.897m	50.994
13)	MA Dieldrin	5.599	6.459	477.1E6	135.4E6	47.541	49.935
14)	MA Endrin	5.852	6.676	377.5E6	102.8E6	40.073	43.011
15)	B Endosulfa...	6.126	6.887	416.0E6	118.4E6	46.429	49.090
16)	A 4,4'-DDD	5.985	6.801	401.4E6	110.8E6	53.096	55.087
17)	MA 4,4'-DDT	6.220	7.099	296.1E6	85333139	39.086	40.694
18)	B Endrin al...	6.293	7.011	356.5E6	105.2E6	47.562	49.533
19)	B Endosulfa...	6.505	7.234	405.2E6	117.3E6	49.352	49.729
20)	A Methoxychlor	6.765	7.557	160.5E6	50647507	37.756	39.731
21)	B Endrin ke...	6.988	7.703	467.1E6	132.9E6	50.517	53.481
22)	Mirex	7.164	8.155	318.8E6	96889548	43.762	48.441

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041019\
 Data File : PL047225.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2019 23:11
 Operator : AJ\SJ
 Sample : PB118789BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

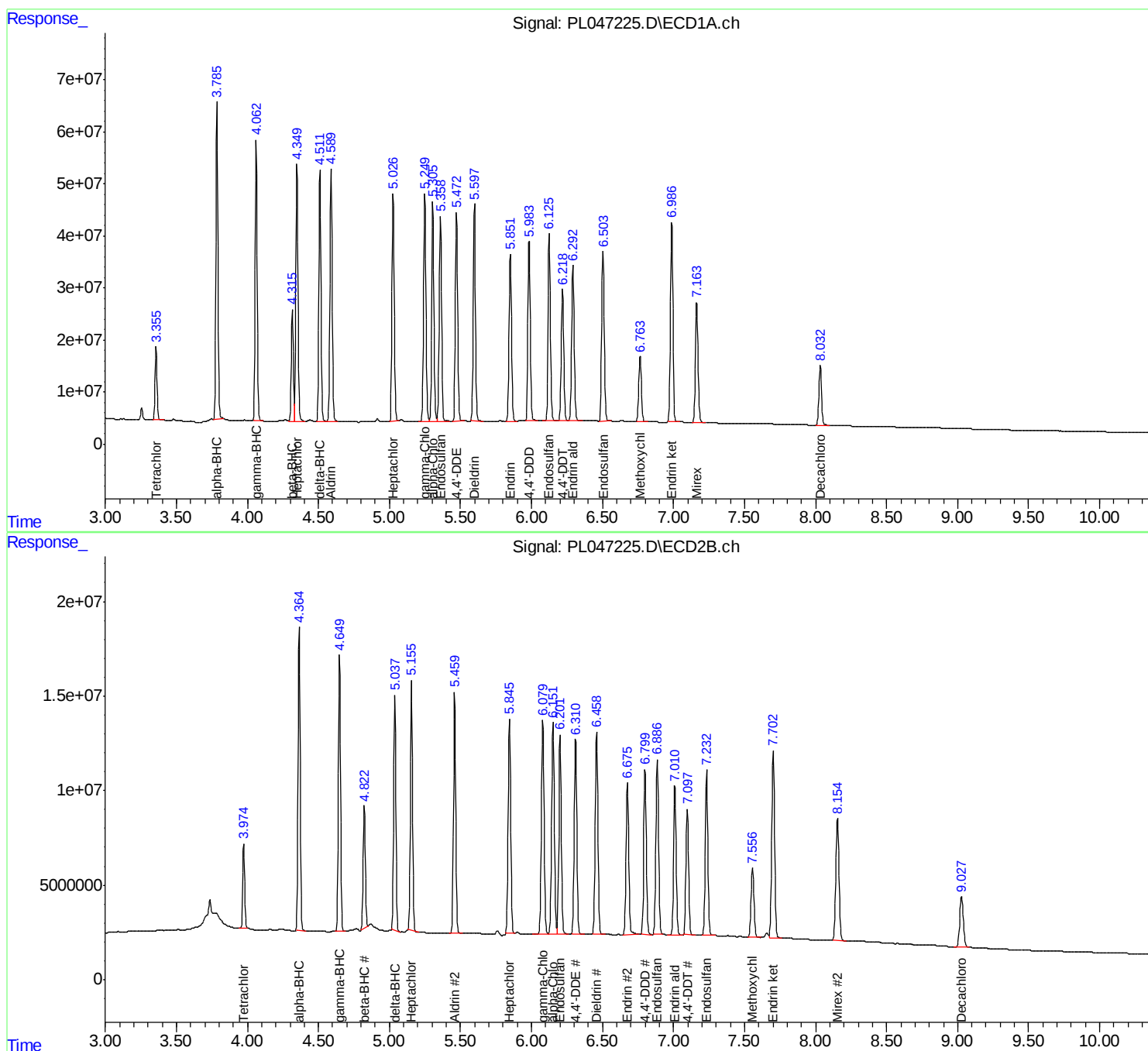
Instrument :
 ECD_L
 ClientSampleId :
 PB118789BS

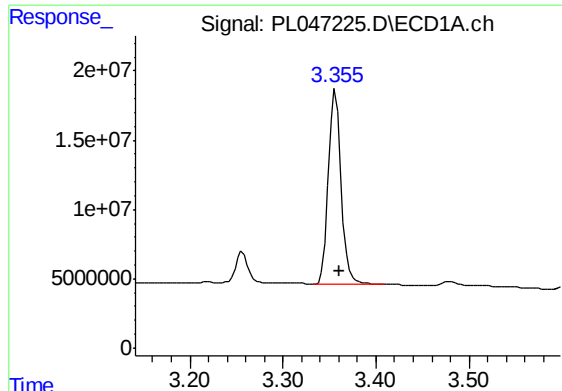
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 01:14:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





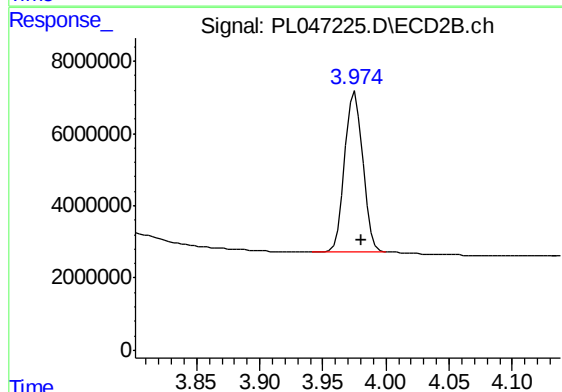
#1 Tetrachloro-m-xylene

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 133042649
Conc: 18.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118789BS

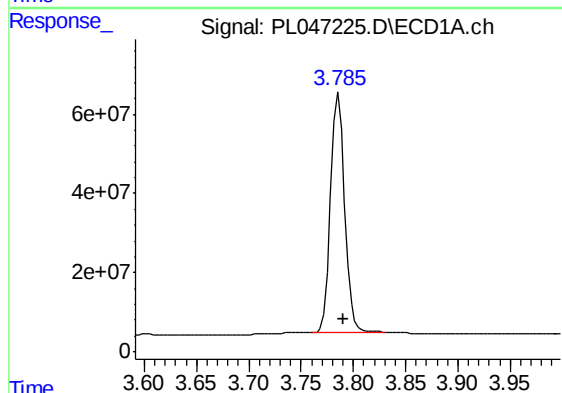
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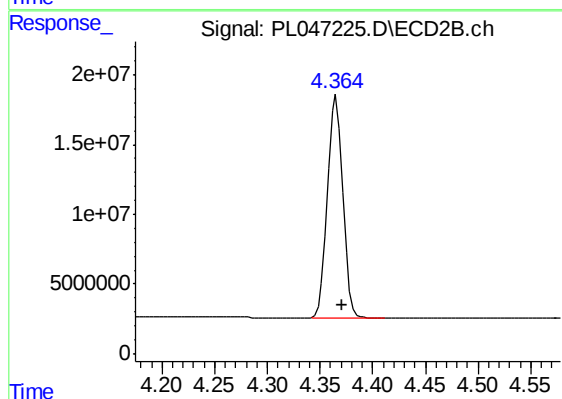
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: -0.005 min
Response: 44451445
Conc: 19.41 ng/ml



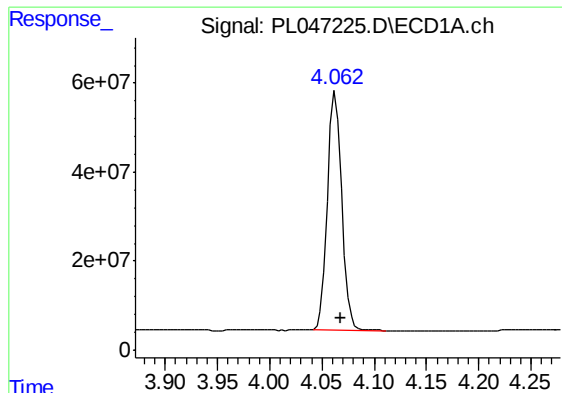
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: -0.005 min
Response: 567836310
Conc: 48.69 ng/ml



#2 alpha-BHC

R.T.: 4.366 min
Delta R.T.: -0.005 min
Response: 161606003
Conc: 50.29 ng/ml



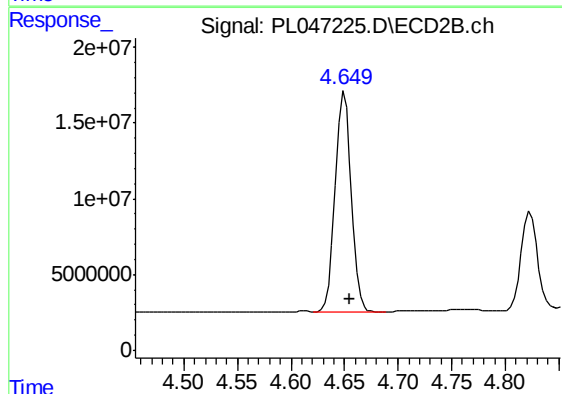
#3 gamma-BHC (Lindane)

R.T.: 4.063 min
Delta R.T.: -0.005 min
Response: 510472983
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118789BS

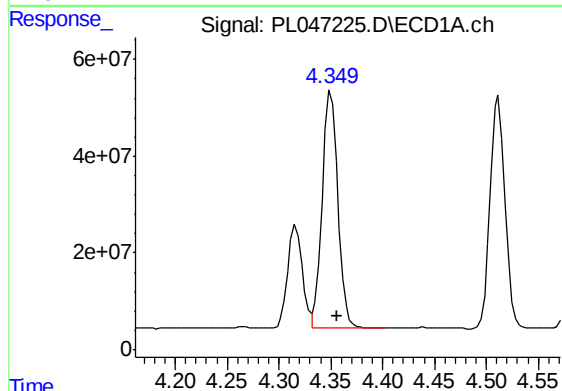
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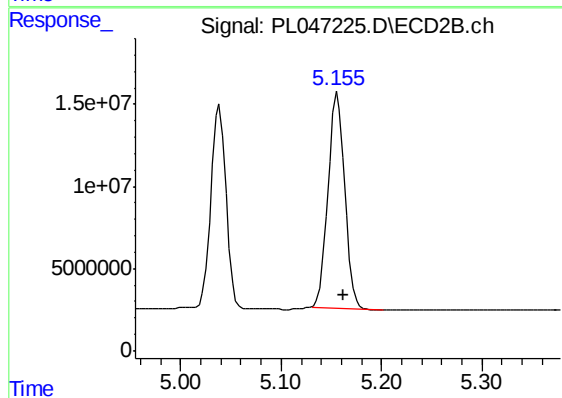
#3 gamma-BHC (Lindane)

R.T.: 4.650 min
Delta R.T.: -0.005 min
Response: 150686569
Conc: 50.35 ng/ml



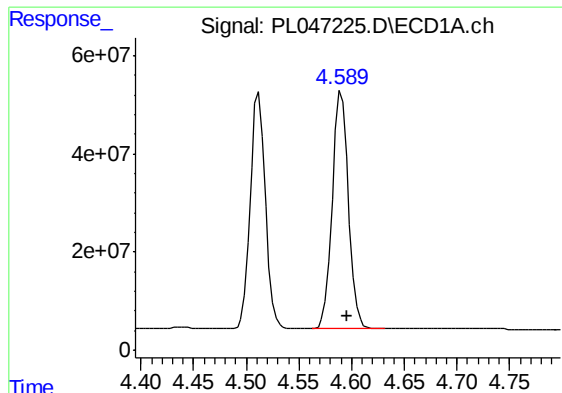
#4 Heptachlor

R.T.: 4.350 min
Delta R.T.: -0.005 min
Response: 516379426
Conc: 46.84 ng/ml



#4 Heptachlor

R.T.: 5.156 min
Delta R.T.: -0.006 min
Response: 151552810
Conc: 49.27 ng/ml



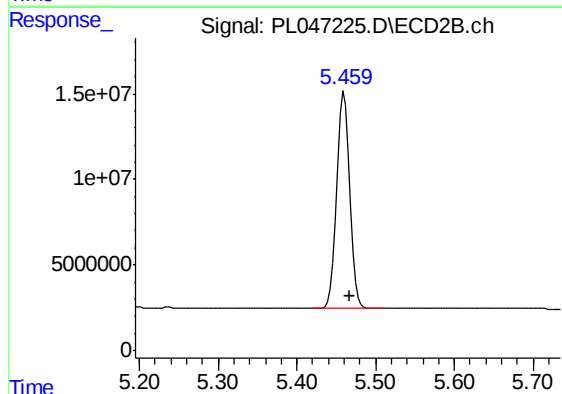
#5 Aldrin

R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 514511739
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118789BS

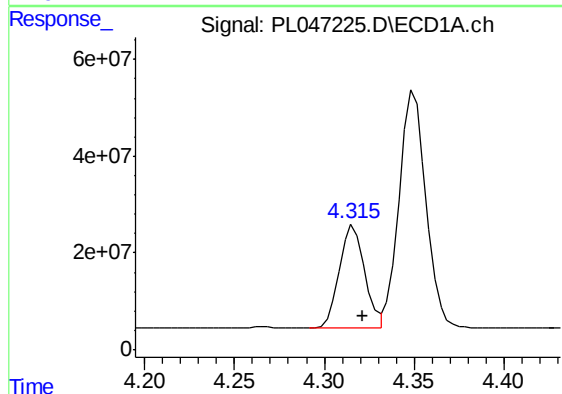
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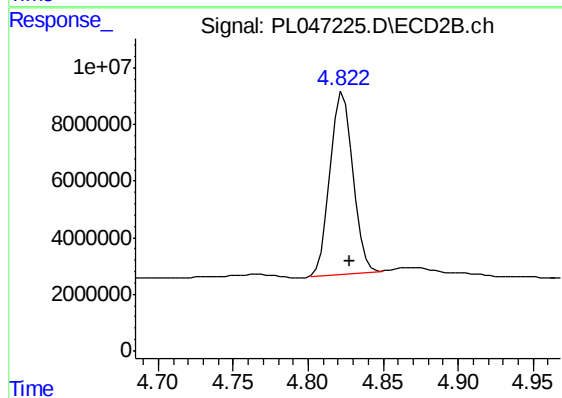
#5 Aldrin

R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 149118902
Conc: 52.05 ng/ml



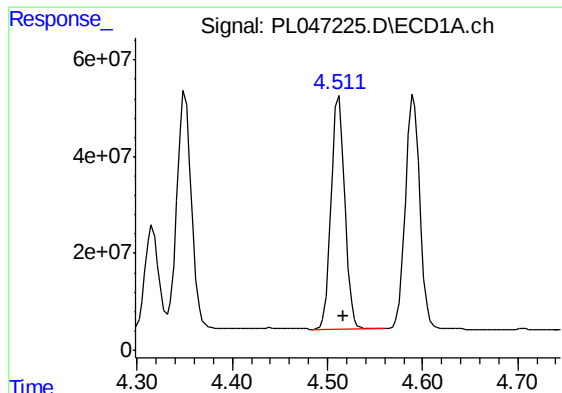
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 209893648
Conc: 46.62 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: -0.004 min
Response: 67249668
Conc: 50.73 ng/ml



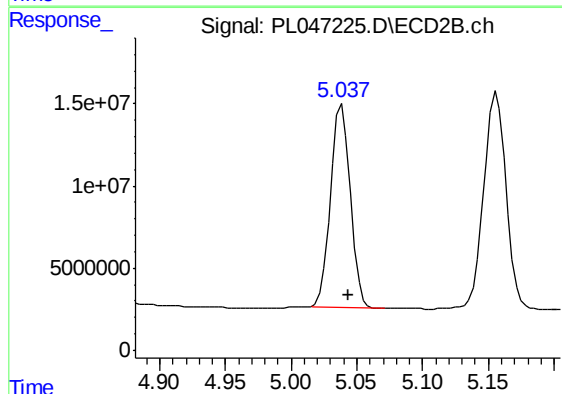
#7 delta-BHC

R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 478716587
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118789BS

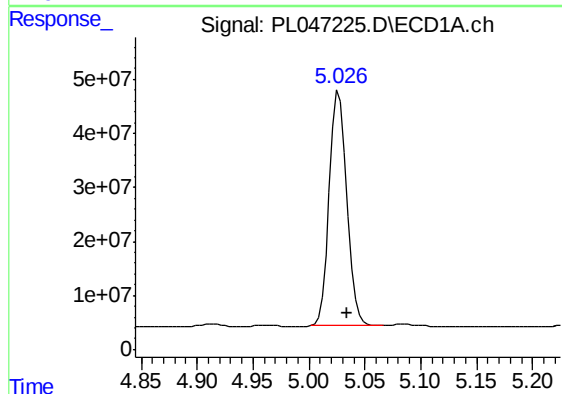
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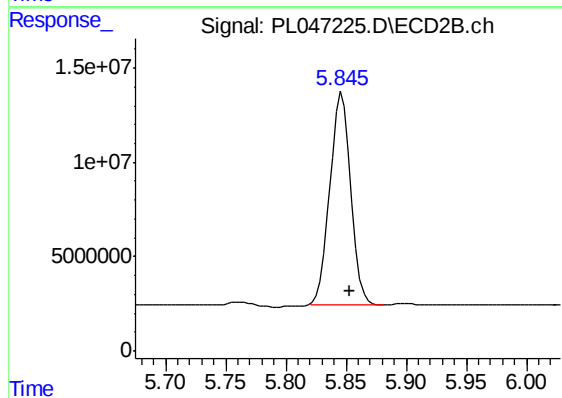
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 129168507
Conc: 55.67 ng/ml



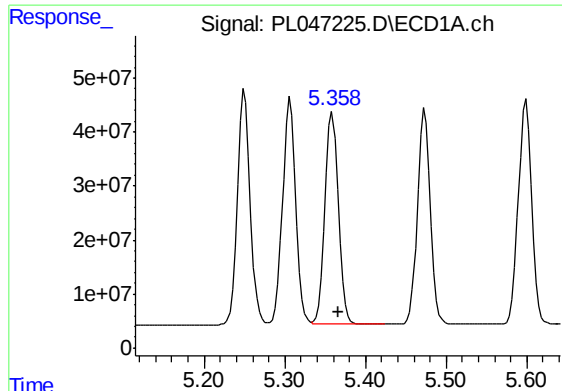
#8 Heptachlor epoxide

R.T.: 5.027 min
Delta R.T.: -0.007 min
Response: 475992323
Conc: 48.80 ng/ml



#8 Heptachlor epoxide

R.T.: 5.846 min
Delta R.T.: -0.007 min
Response: 136201061
Conc: 51.65 ng/ml



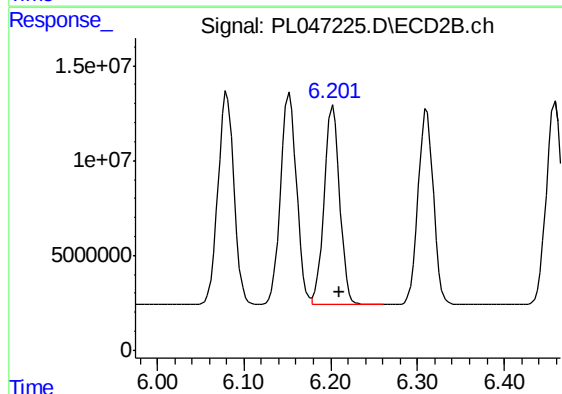
#9 Endosulfan I

R.T.: 5.359 min
Delta R.T.: -0.007 min
Response: 449277804
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118789BS

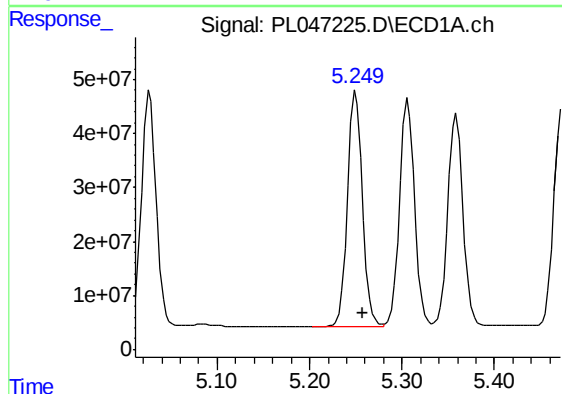
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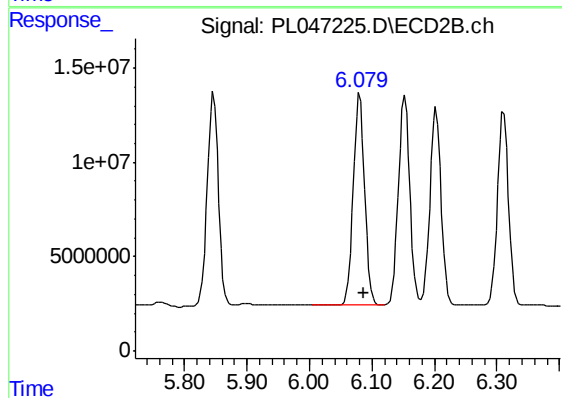
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: -0.008 min
Response: 130993369
Conc: 50.19 ng/ml



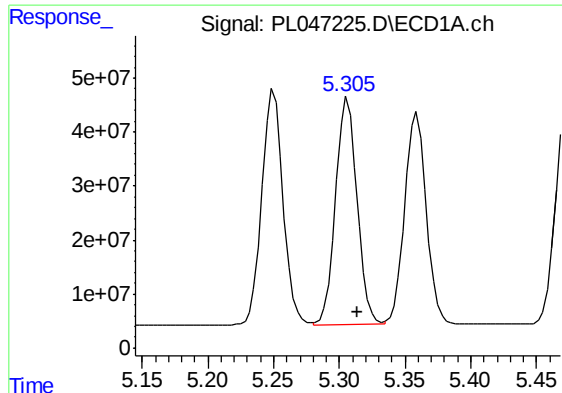
#10 gamma-Chlordane

R.T.: 5.250 min
Delta R.T.: -0.007 min
Response: 485869356
Conc: 47.30 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 143043334
Conc: 50.40 ng/ml



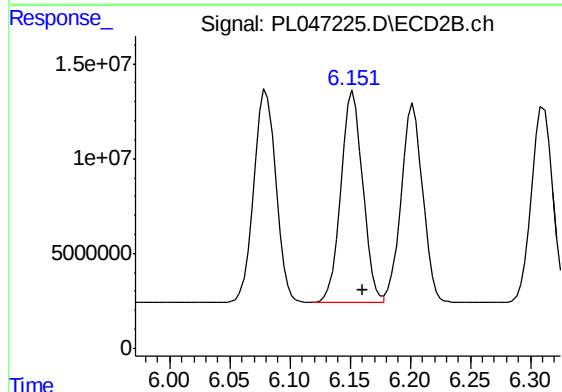
#11 alpha-Chlordane

R.T.: 5.306 min
Delta R.T.: -0.007 min
Response: 474174858
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118789BS

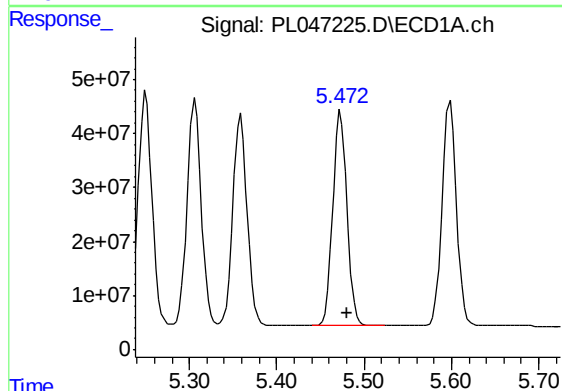
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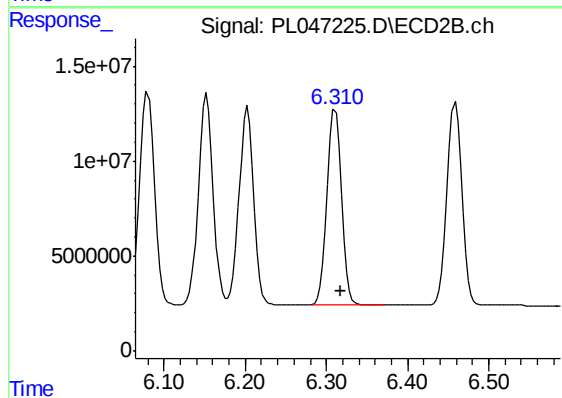
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: -0.008 min
Response: 141780253
Conc: 49.98 ng/ml



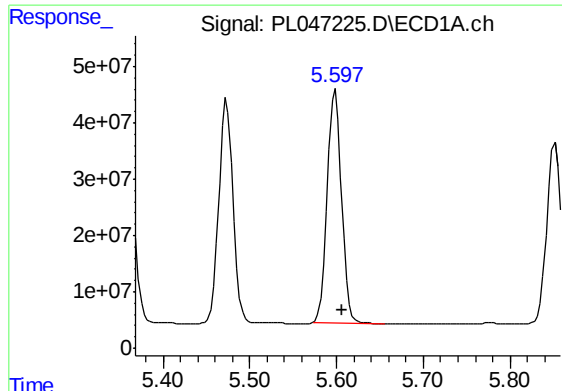
#12 4,4'-DDE

R.T.: 5.472 min
Delta R.T.: -0.009 min
Response: 450189691
Conc: 48.90 ng/ml m



#12 4,4'-DDE

R.T.: 6.311 min
Delta R.T.: -0.007 min
Response: 126583461
Conc: 50.99 ng/ml



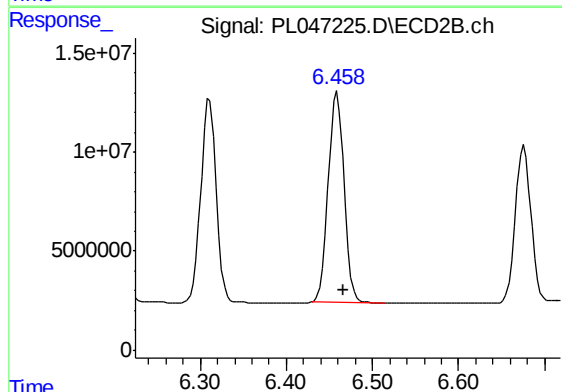
#13 Dieldrin

R.T.: 5.599 min
Delta R.T.: -0.007 min
Response: 477097369
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118789BS

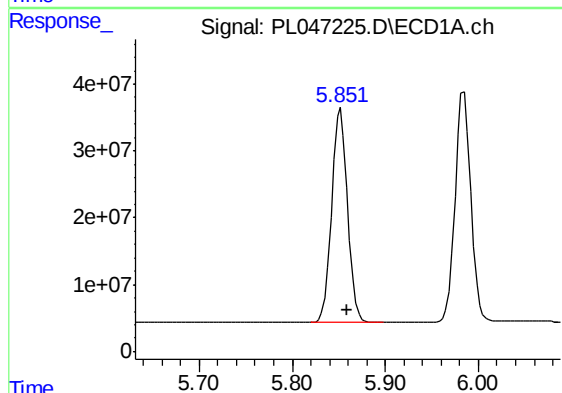
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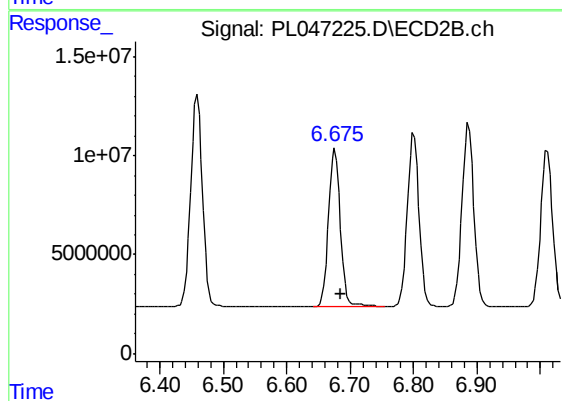
#13 Dieldrin

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 135357045
Conc: 49.93 ng/ml



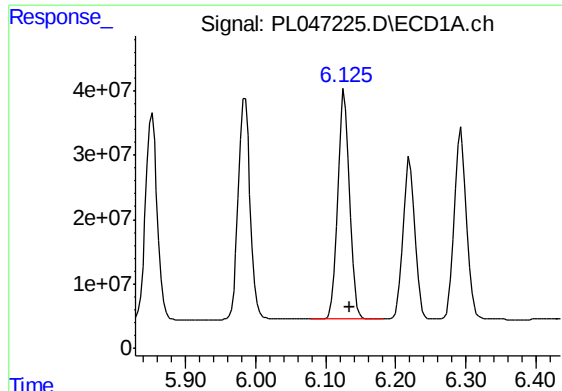
#14 Endrin

R.T.: 5.852 min
Delta R.T.: -0.007 min
Response: 377455517
Conc: 40.07 ng/ml



#14 Endrin

R.T.: 6.676 min
Delta R.T.: -0.008 min
Response: 102785528
Conc: 43.01 ng/ml



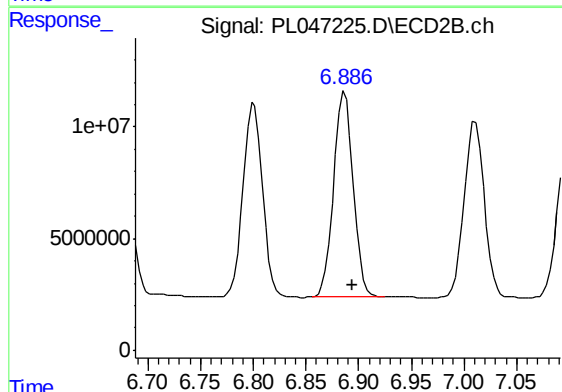
#15 Endosulfan II

R.T.: 6.126 min
Delta R.T.: -0.008 min
Response: 415984505
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
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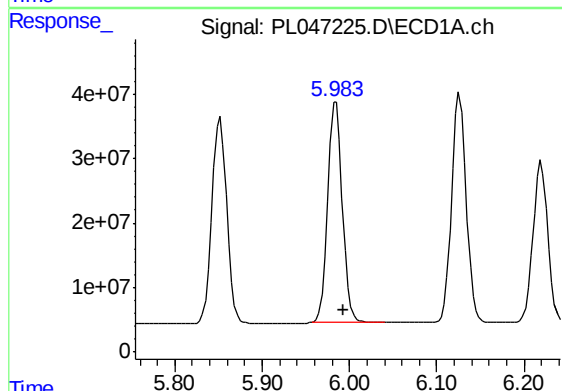
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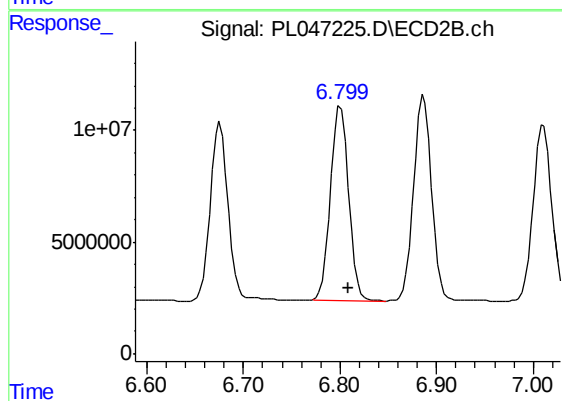
#15 Endosulfan II

R.T.: 6.887 min
Delta R.T.: -0.008 min
Response: 118448738
Conc: 49.09 ng/ml



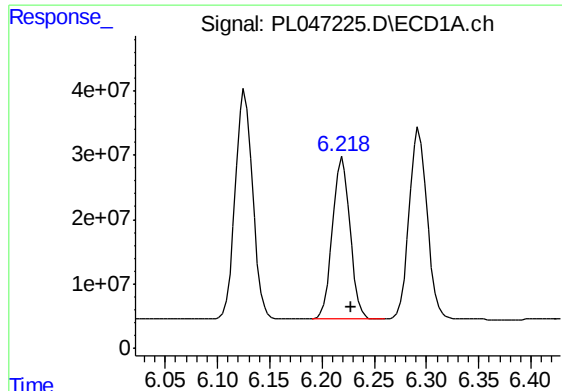
#16 4,4'-DDD

R.T.: 5.985 min
Delta R.T.: -0.008 min
Response: 401354340
Conc: 53.10 ng/ml



#16 4,4'-DDD

R.T.: 6.801 min
Delta R.T.: -0.008 min
Response: 110836378
Conc: 55.09 ng/ml



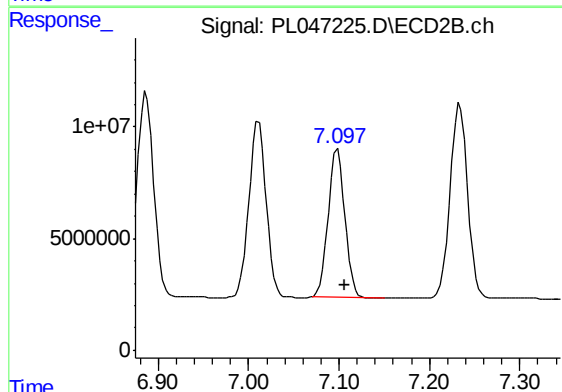
#17 4,4'-DDT

R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 296050749
Conc: 39.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118789BS

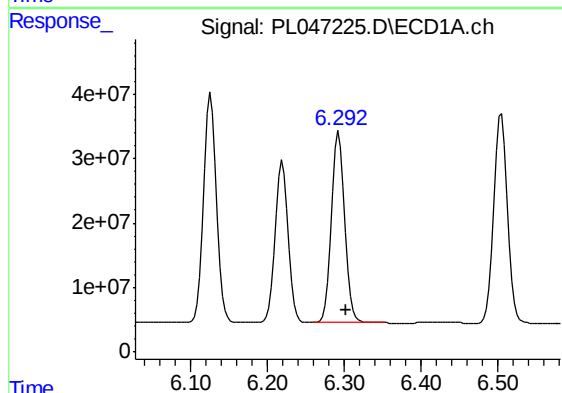
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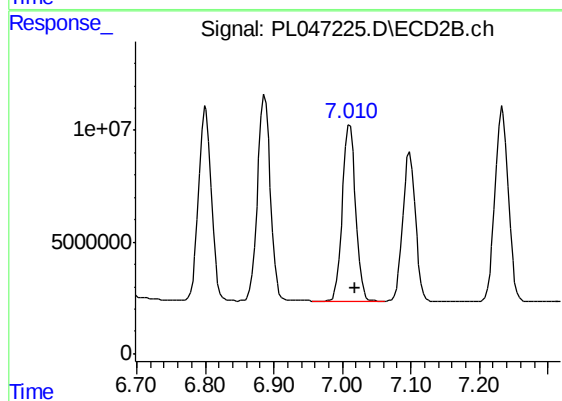
#17 4,4'-DDT

R.T.: 7.099 min
Delta R.T.: -0.008 min
Response: 85333139
Conc: 40.69 ng/ml



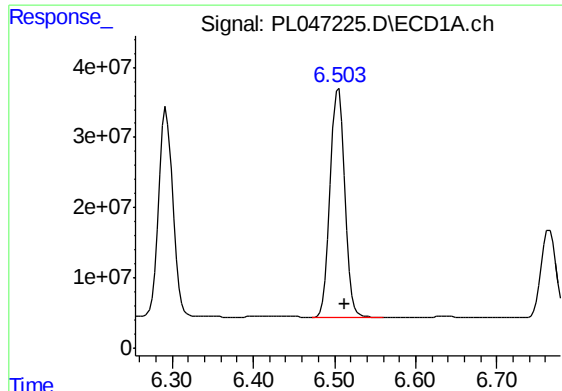
#18 Endrin aldehyde

R.T.: 6.293 min
Delta R.T.: -0.009 min
Response: 356487460
Conc: 47.56 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: -0.008 min
Response: 105208556
Conc: 49.53 ng/ml



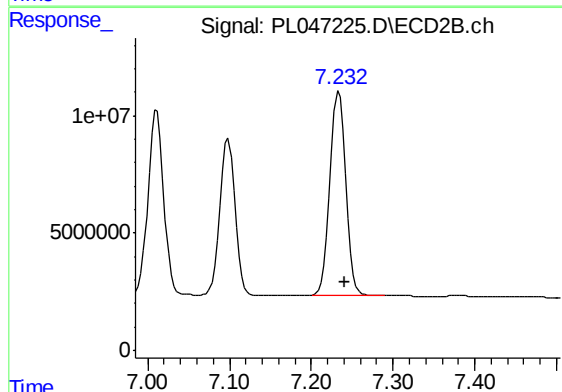
#19 Endosulfan Sulfate

R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 405237381
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118789BS

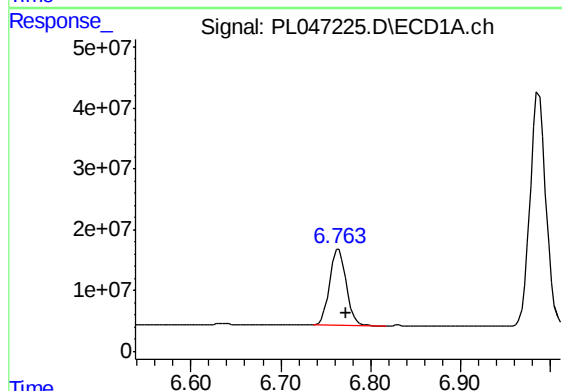
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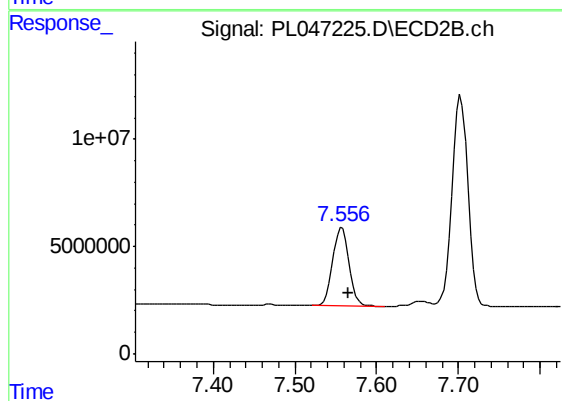
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: -0.008 min
Response: 117309784
Conc: 49.73 ng/ml



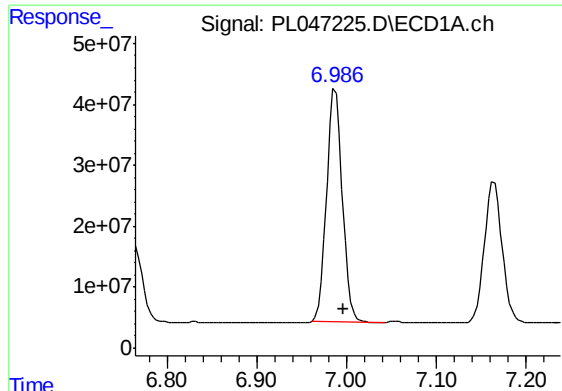
#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.009 min
Response: 160459570
Conc: 37.76 ng/ml



#20 Methoxychlor

R.T.: 7.557 min
Delta R.T.: -0.008 min
Response: 50647507
Conc: 39.73 ng/ml



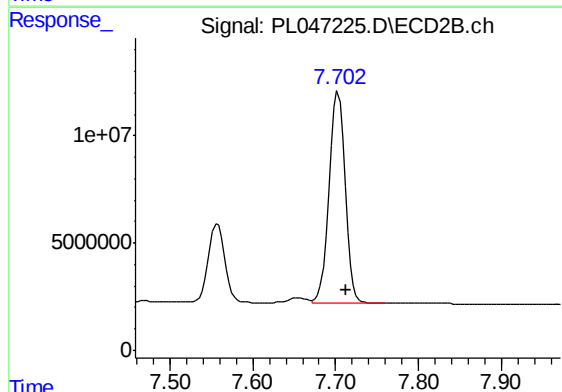
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: -0.009 min
Response: 467117468
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118789BS

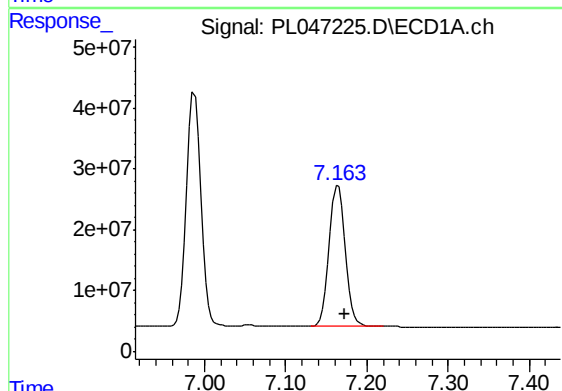
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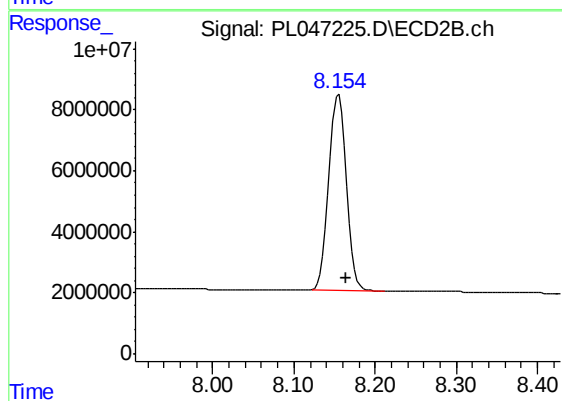
#21 Endrin ketone

R.T.: 7.703 min
Delta R.T.: -0.009 min
Response: 132877031
Conc: 53.48 ng/ml



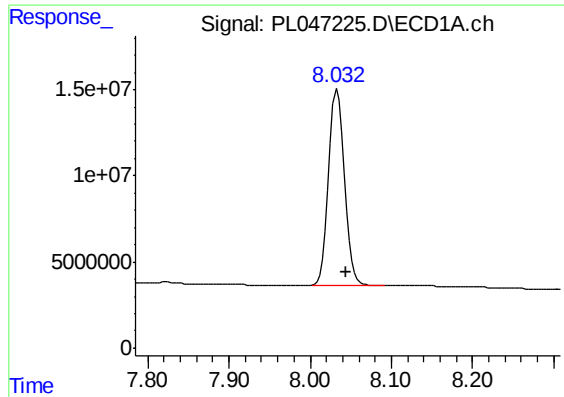
#22 Mirex

R.T.: 7.164 min
Delta R.T.: -0.009 min
Response: 318831436
Conc: 43.76 ng/ml



#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 96889548
Conc: 48.44 ng/ml



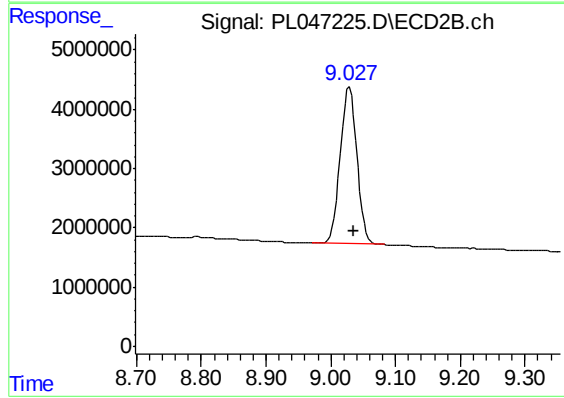
#28 Decachlorobiphenyl

R.T.: 8.033 min
Delta R.T.: -0.011 min
Response: 154340239
Conc: 18.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118789BS

Manual Integrations
APPROVED

mohammad
4/11/2019 3:56:28 PM



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: -0.006 min
Response: 47478050
Conc: 20.48 ng/ml