

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020421\
 Data File : PL064633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2021 13:59
 Operator : AR\AJ
 Sample : M1292-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU421-005-0510MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 02:05:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012921.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 29 04:48:57 2021
 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...	3.432	4.107	60639218	49034276	19.920	20.585
28)	SA Decachlor...	8.164	9.270	147.6E6	132.6E6	46.833	64.786 #
Target Compounds							
2)	A alpha-BHC	3.866	4.509	210.7E6	152.0E6	41.999	43.960
3)	MA gamma-BHC...	4.146	4.801	194.7E6	144.3E6	41.563	43.770
4)	MA Heptachlor	4.445	5.312	183.3E6	137.7E6	39.637	39.498m
5)	MB Aldrin	4.691	5.623	172.8E6	122.4E6	40.667	41.011m
6)	B beta-BHC	4.395	4.977	74113222	59140185	38.348	34.948
7)	B delta-BHC	4.597	5.199	173.4E6	126.7E6	37.261	41.137
8)	B Heptachlo...	5.131	6.017	156.1E6	102.9E6	38.320	40.182m
9)	A Endosulfan I	5.468	6.380	140.7E6	126.4E6	37.271	47.539 #
10)	B gamma-Chl...	5.357	6.254	149.0E6	116.1E6	35.997	39.931
11)	B alpha-Chl...	5.415	6.327	146.6E6	111.0E6	35.758	37.706
12)	B 4,4'-DDE	5.582	6.483	153.7E6	121.4E6	40.763	46.902
13)	MA Dieldrin	5.709	6.641	183.0E6	152.4E6	45.753	55.289
14)	MA Endrin	5.965	6.864	142.0E6	89700758	38.831	39.076
15)	B Endosulfa...	6.236	7.077	138.1E6	77917939	38.180	31.565
16)	A 4,4'-DDD	6.095	6.983	102.6E6	185.4E6	32.598	80.524 #
17)	MA 4,4'-DDT	6.334	7.282	168.5E6	86246162	54.902	41.989
18)	B Endrin al...	6.413	7.202	115.4E6	67199092	37.613m	31.646
19)	B Endosulfa...	6.618	7.424	577.5E6	85092445	158.874	35.390m#
20)	A Methoxychlor	6.860f	7.740	947.2E6	50414485	524.357m	39.849 #
21)	B Endrin ke...	7.103	7.902	161.8E6	85009902	41.520m	34.959
22)	Mirex	7.290	8.368	81812805	353.5E6	27.307	184.058 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020421\
 Data File : PL064633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2021 13:59
 Operator : AR\AJ
 Sample : M1292-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

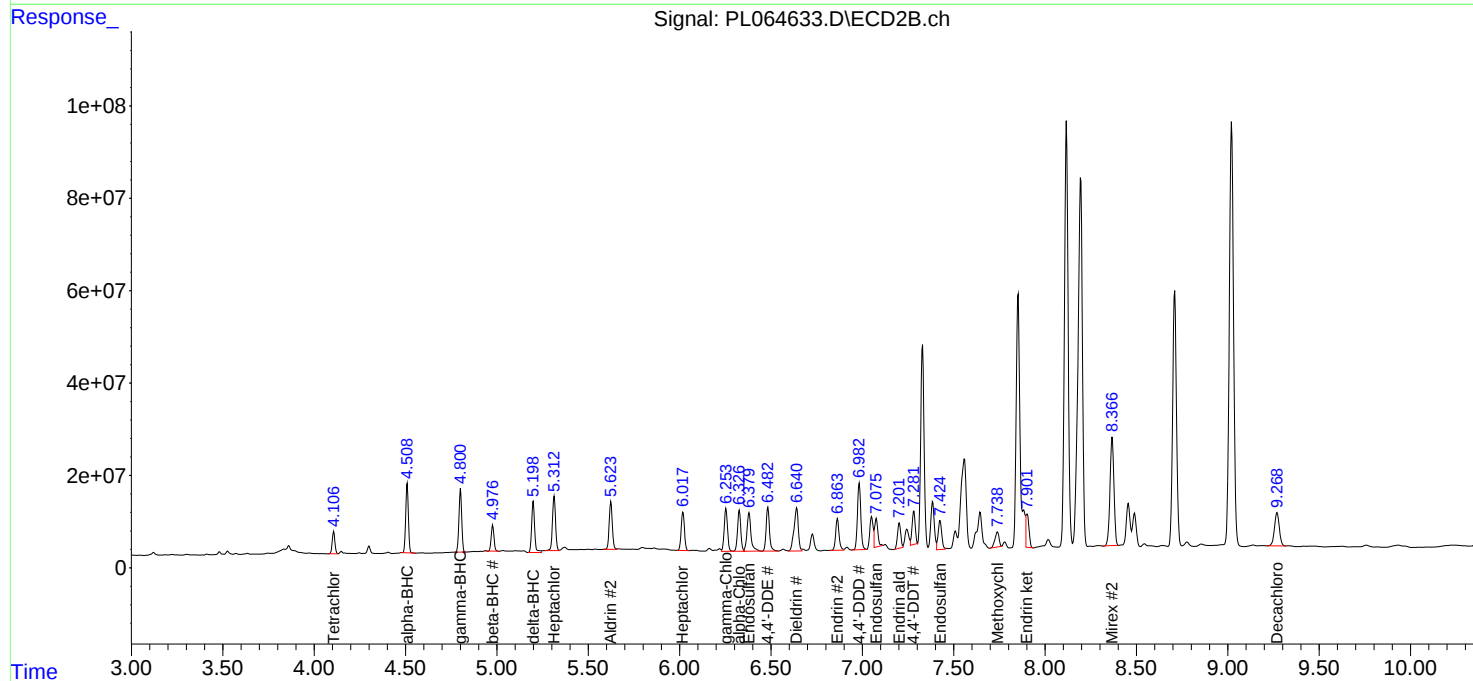
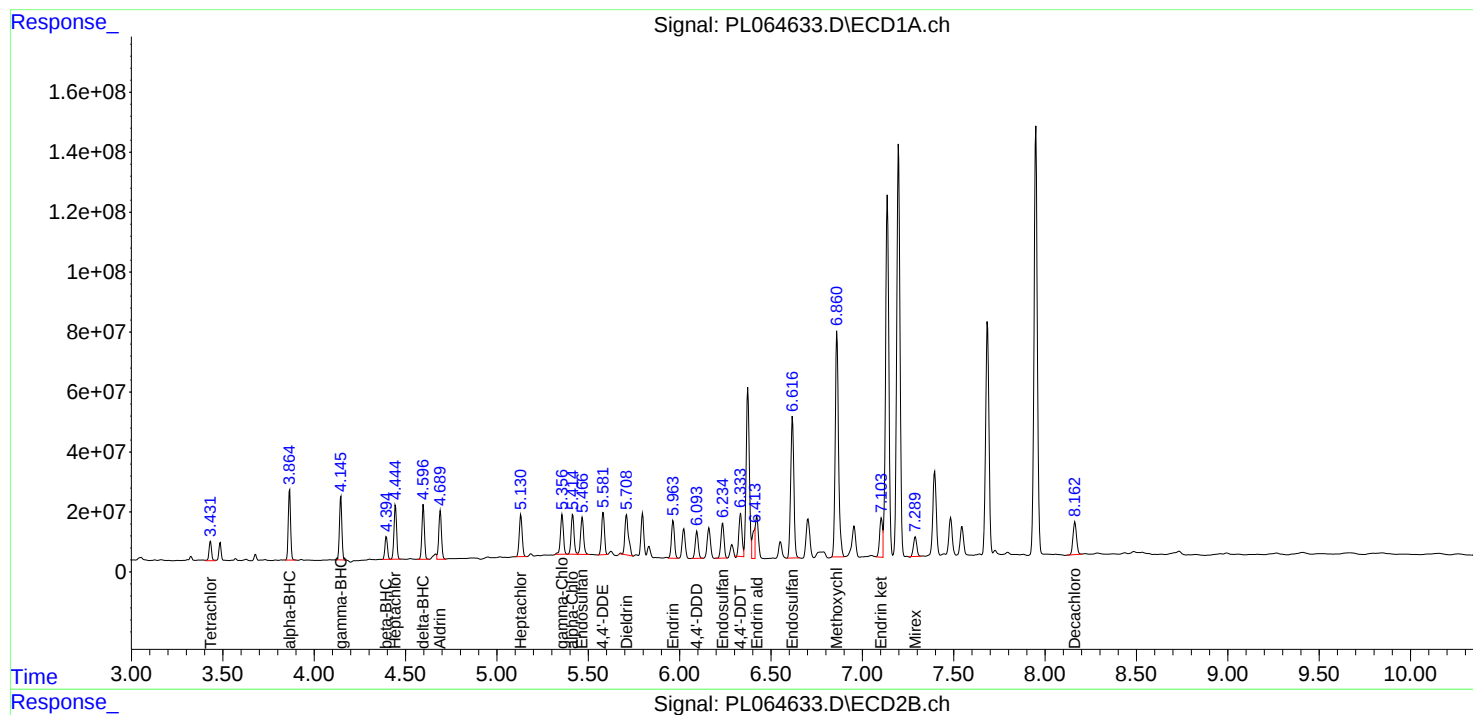
Instrument :
 ECD_L
 ClientSampleId :
 OU421-005-0510MSD

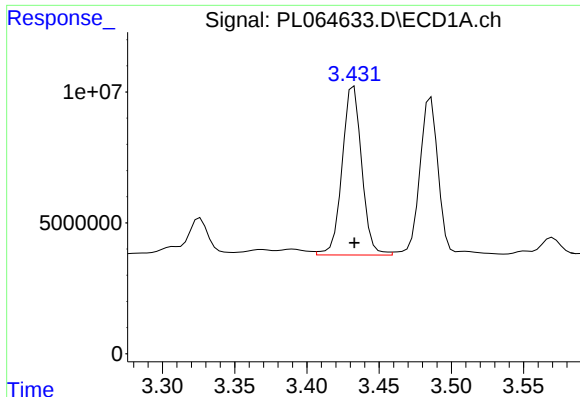
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 02:05:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012921.M
 Quant Title : GC Extractables
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Volume 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





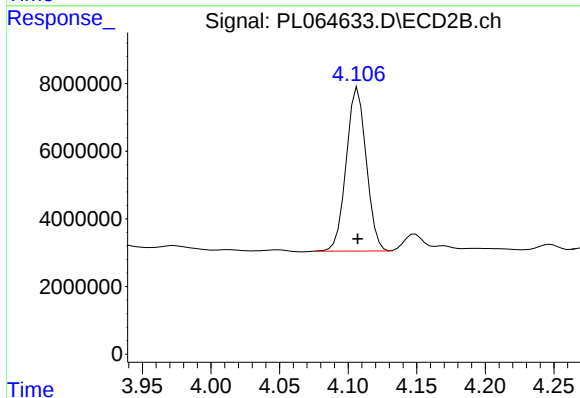
#1 Tetrachloro-m-xylene

R.T.: 3.432 min
Delta R.T.: 0.000 min
Response: 60639218
Conc: 19.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-005-0510MSD

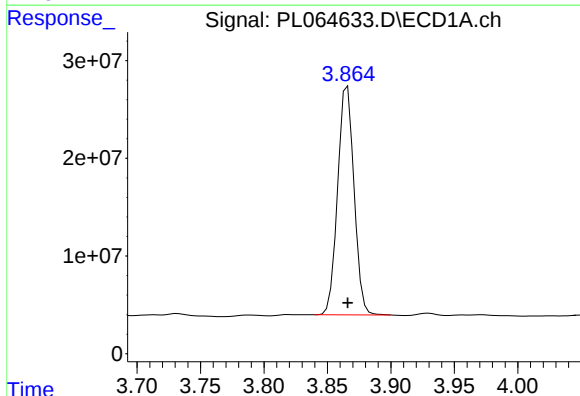
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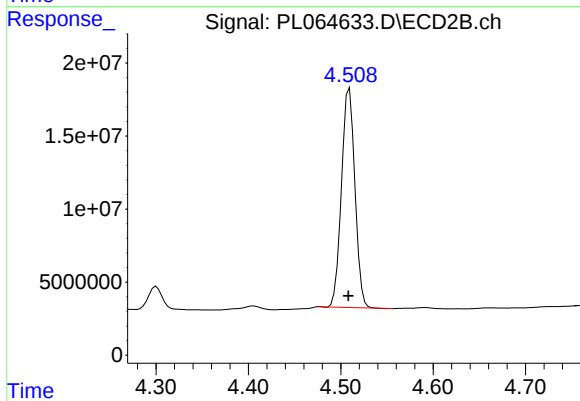
#1 Tetrachloro-m-xylene

R.T.: 4.107 min
Delta R.T.: 0.000 min
Response: 49034276
Conc: 20.59 ng/ml



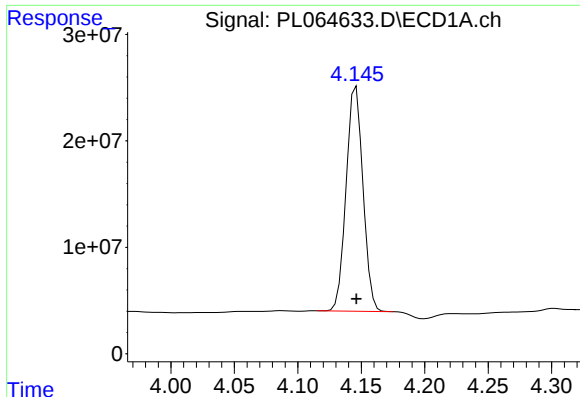
#2 alpha-BHC

R.T.: 3.866 min
Delta R.T.: 0.000 min
Response: 210683707
Conc: 42.00 ng/ml



#2 alpha-BHC

R.T.: 4.509 min
Delta R.T.: 0.001 min
Response: 151982593
Conc: 43.96 ng/ml



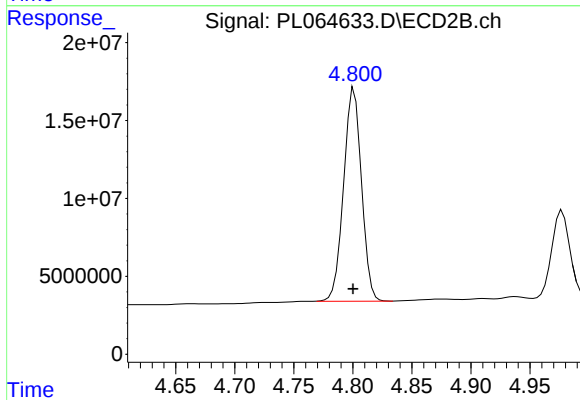
#3 gamma-BHC (Lindane)

R.T.: 4.146 min
Delta R.T.: 0.000 min
Response: 194657692
Conc: 41.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-005-0510MSD

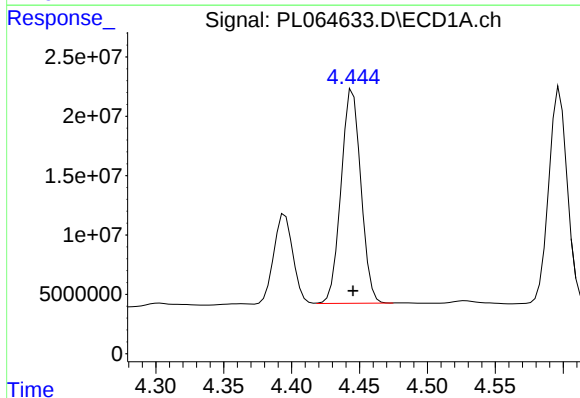
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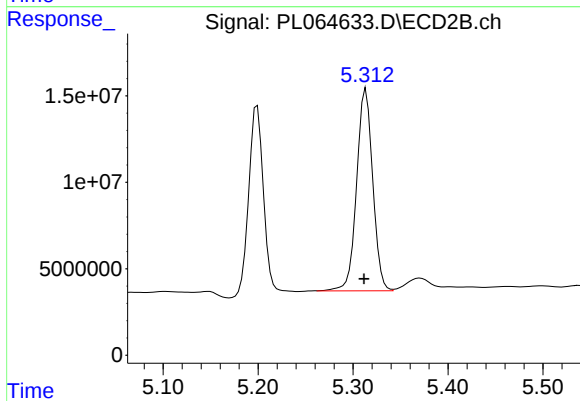
#3 gamma-BHC (Lindane)

R.T.: 4.801 min
Delta R.T.: 0.001 min
Response: 144306188
Conc: 43.77 ng/ml



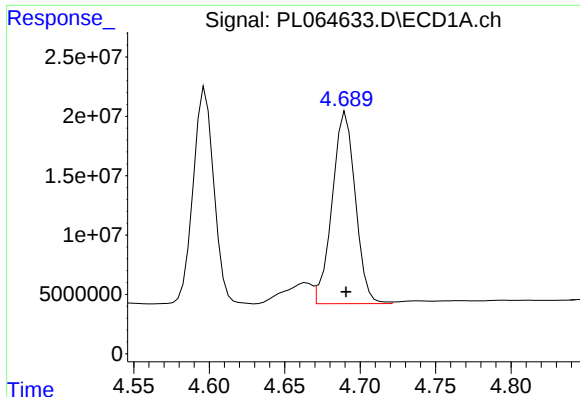
#4 Heptachlor

R.T.: 4.445 min
Delta R.T.: 0.000 min
Response: 183277871
Conc: 39.64 ng/ml



#4 Heptachlor

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 137659917
Conc: 39.50 ng/ml m



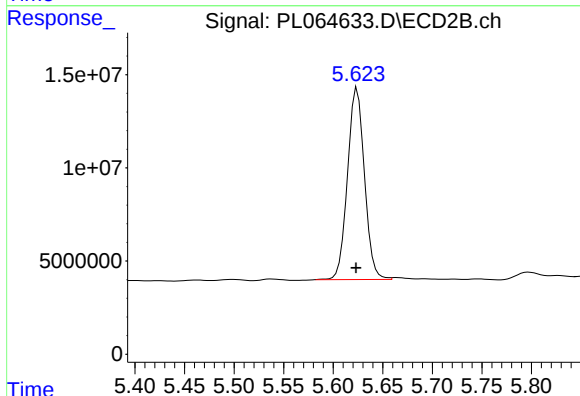
#5 Aldrin

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 172810570
Conc: 40.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-005-0510MSD

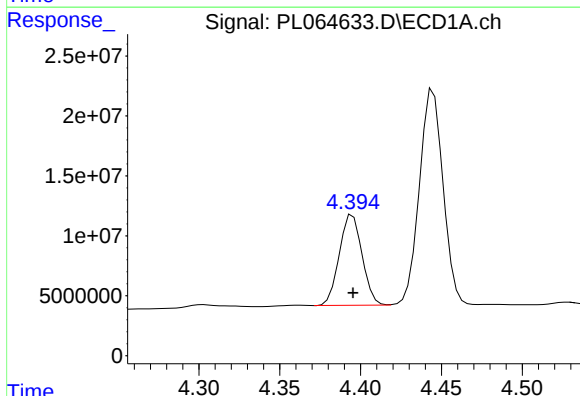
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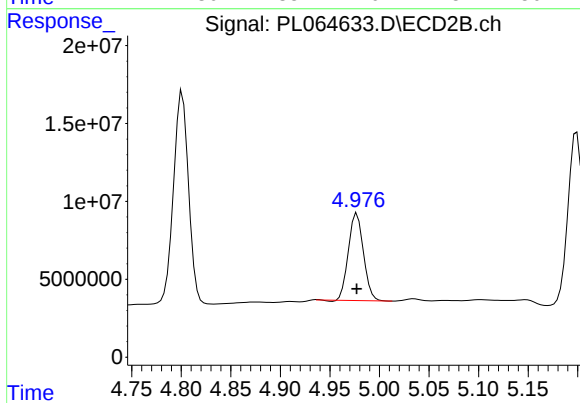
#5 Aldrin

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 122409109
Conc: 41.01 ng/ml m



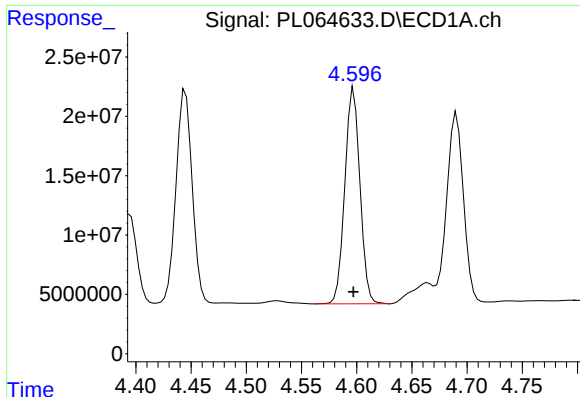
#6 beta-BHC

R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 74113222
Conc: 38.35 ng/ml



#6 beta-BHC

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 59140185
Conc: 34.95 ng/ml



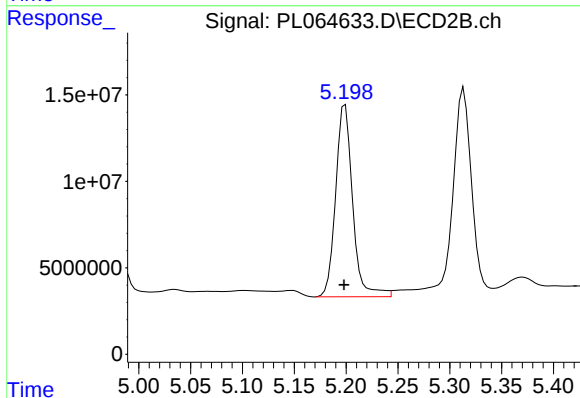
#7 delta-BHC

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 173380796
Conc: 37.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-005-0510MSD

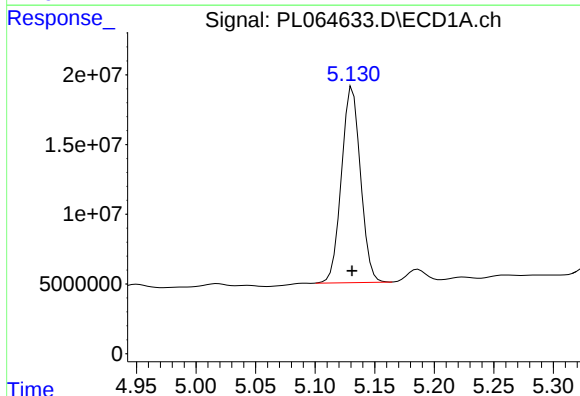
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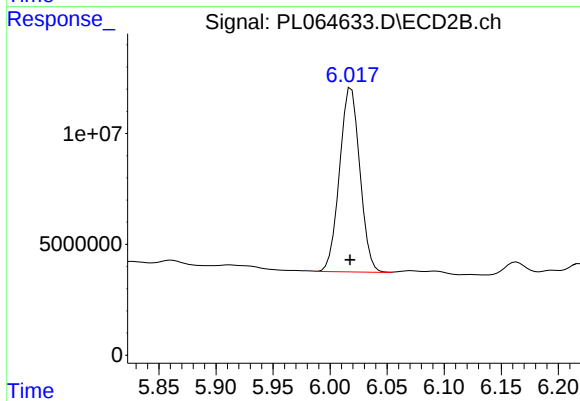
#7 delta-BHC

R.T.: 5.199 min
Delta R.T.: 0.001 min
Response: 126711317
Conc: 41.14 ng/ml



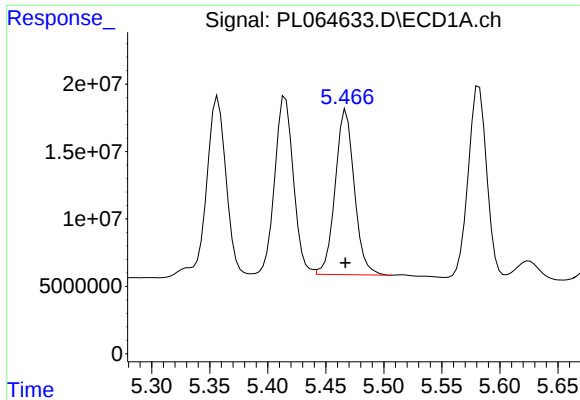
#8 Heptachlor epoxide

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 156100007
Conc: 38.32 ng/ml



#8 Heptachlor epoxide

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 102926867
Conc: 40.18 ng/ml m



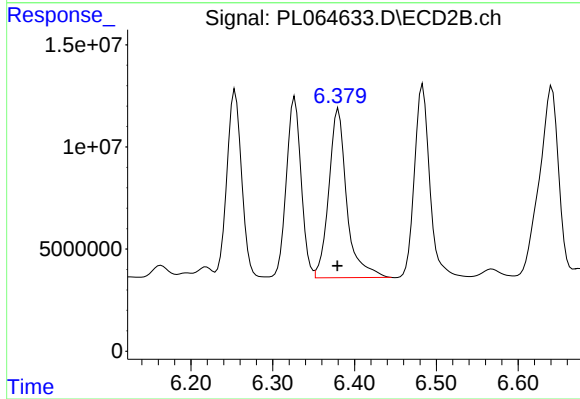
#9 Endosulfan I

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 140749038
Conc: 37.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-005-0510MSD

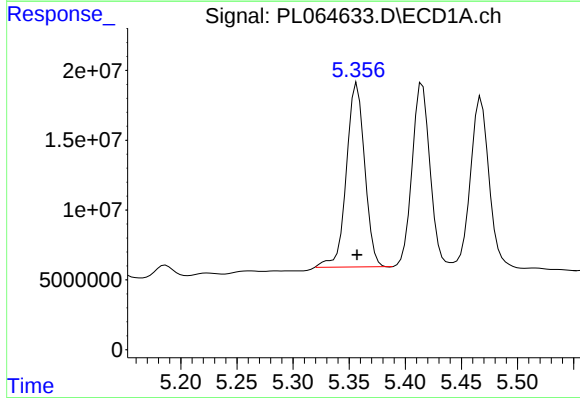
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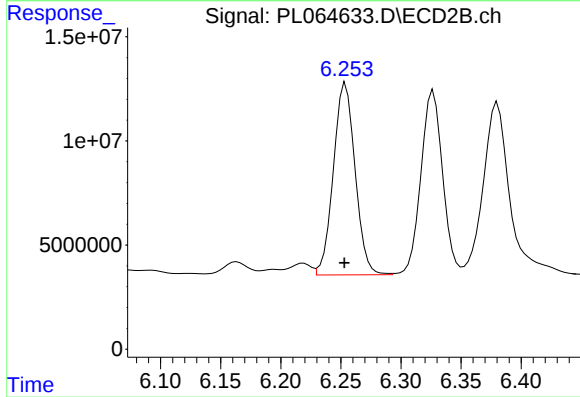
#9 Endosulfan I

R.T.: 6.380 min
Delta R.T.: 0.001 min
Response: 126439640
Conc: 47.54 ng/ml



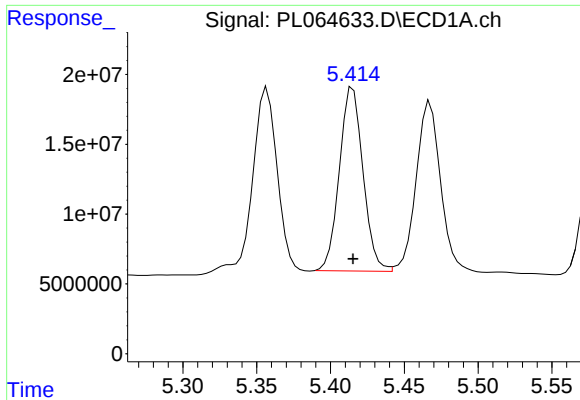
#10 gamma-Chlordane

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 149030464
Conc: 36.00 ng/ml



#10 gamma-Chlordane

R.T.: 6.254 min
Delta R.T.: 0.001 min
Response: 116087456
Conc: 39.93 ng/ml



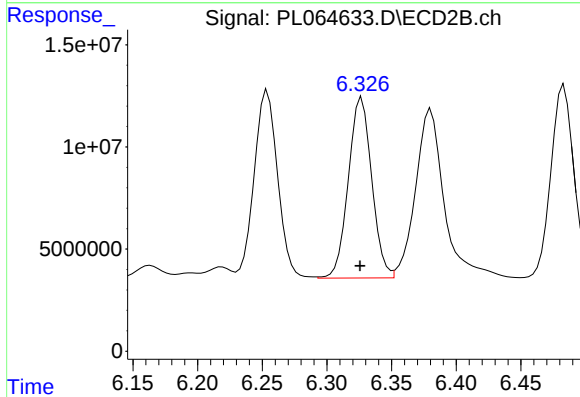
#11 alpha-Chlordane

R.T.: 5.415 min
Delta R.T.: 0.000 min
Response: 146628916
Conc: 35.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-005-0510MSD

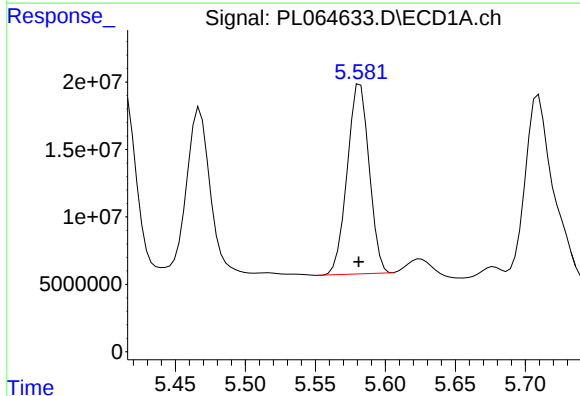
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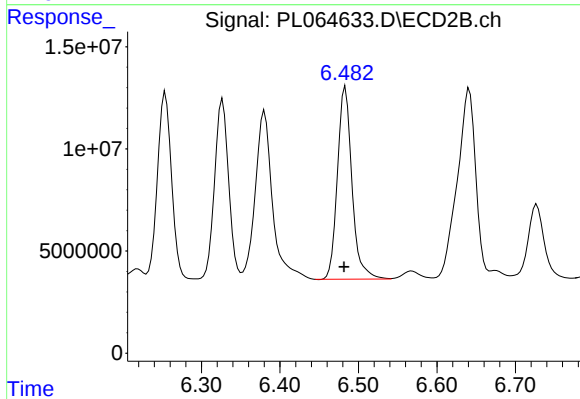
#11 alpha-Chlordane

R.T.: 6.327 min
Delta R.T.: 0.001 min
Response: 110951448
Conc: 37.71 ng/ml



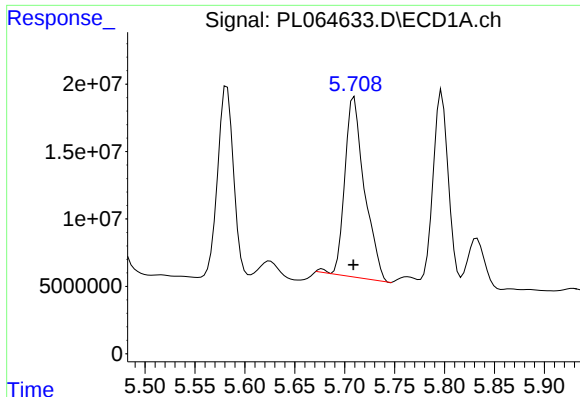
#12 4,4'-DDE

R.T.: 5.582 min
Delta R.T.: 0.001 min
Response: 153656413
Conc: 40.76 ng/ml



#12 4,4'-DDE

R.T.: 6.483 min
Delta R.T.: 0.002 min
Response: 121444117
Conc: 46.90 ng/ml



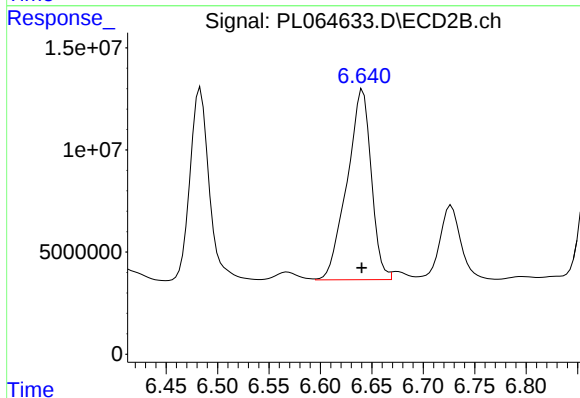
#13 Dieldrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 182979699
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-005-0510MSD

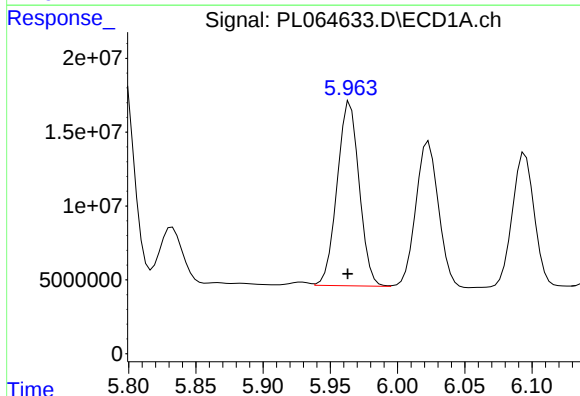
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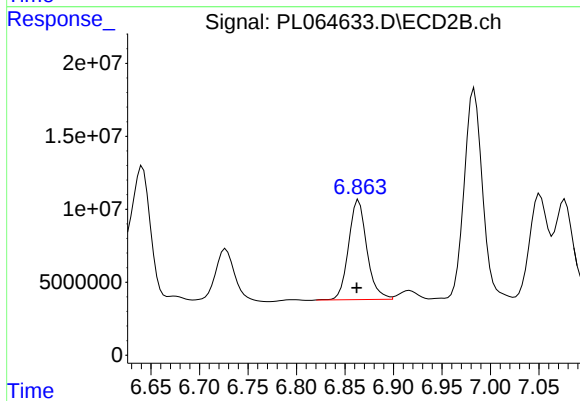
#13 Dieldrin

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 152430475
Conc: 55.29 ng/ml



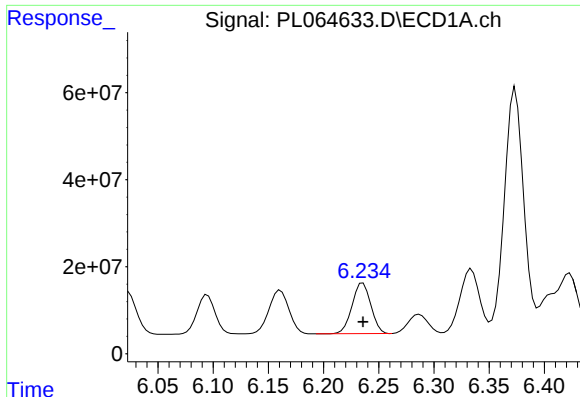
#14 Endrin

R.T.: 5.965 min
Delta R.T.: 0.002 min
Response: 142038649
Conc: 38.83 ng/ml



#14 Endrin

R.T.: 6.864 min
Delta R.T.: 0.002 min
Response: 89700758
Conc: 39.08 ng/ml



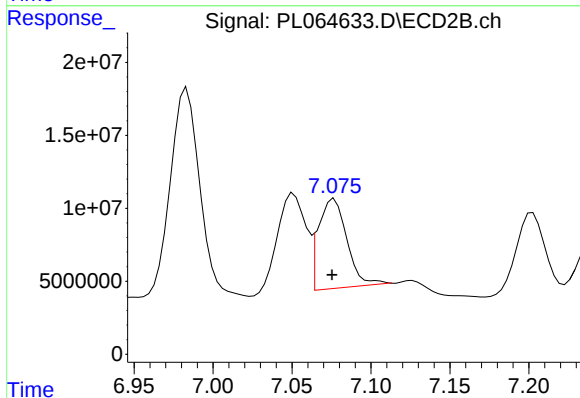
#15 Endosulfan II

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 138104969
Conc: 38.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
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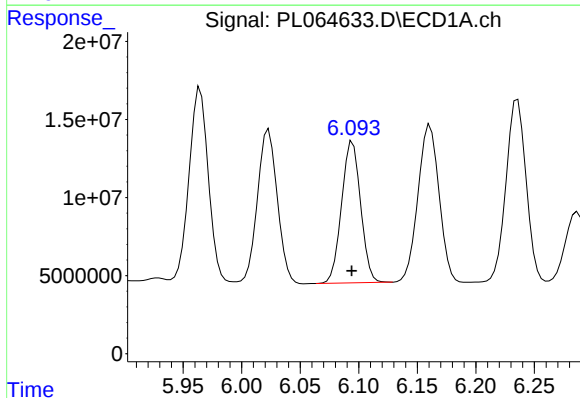
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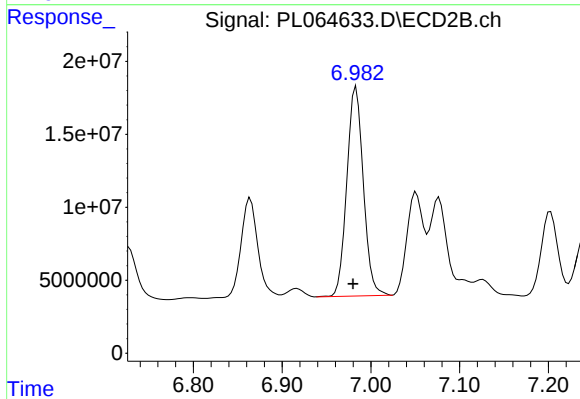
#15 Endosulfan II

R.T.: 7.077 min
Delta R.T.: 0.001 min
Response: 77917939
Conc: 31.57 ng/ml



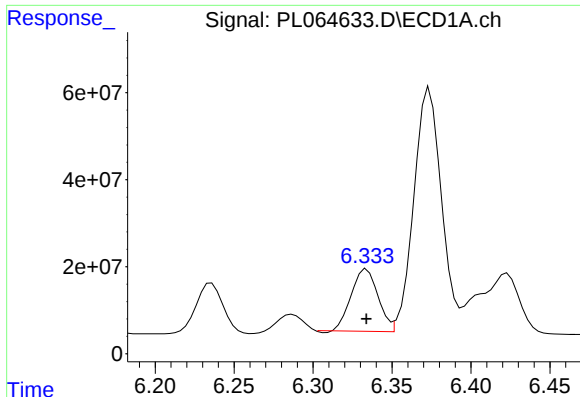
#16 4,4'-DDD

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 102585056
Conc: 32.60 ng/ml



#16 4,4'-DDD

R.T.: 6.983 min
Delta R.T.: 0.003 min
Response: 185357147
Conc: 80.52 ng/ml



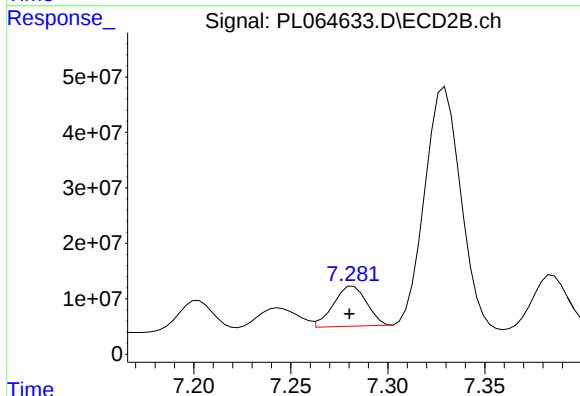
#17 4,4'-DDT

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 168494387
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-005-0510MSD

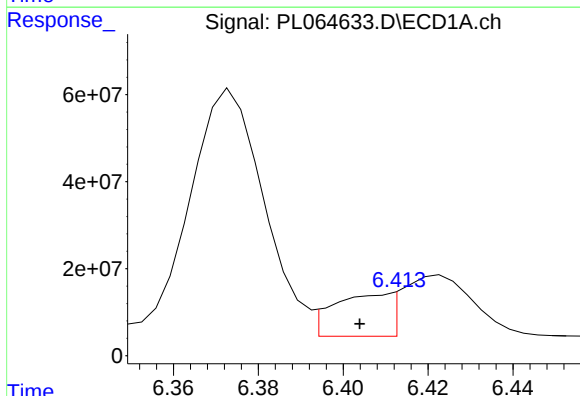
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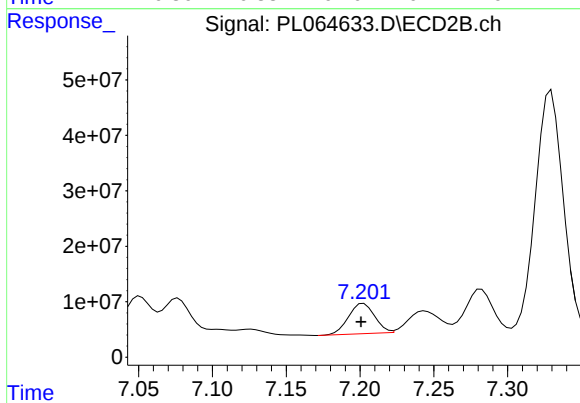
#17 4,4'-DDT

R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 86246162
Conc: 41.99 ng/ml



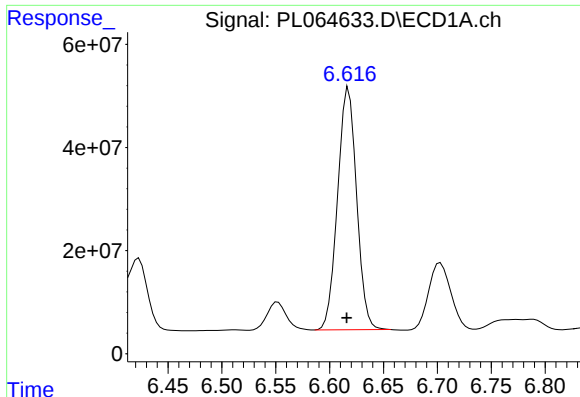
#18 Endrin aldehyde

R.T.: 6.413 min
Delta R.T.: 0.009 min
Response: 115367277
Conc: 37.61 ng/ml m



#18 Endrin aldehyde

R.T.: 7.202 min
Delta R.T.: 0.002 min
Response: 67199092
Conc: 31.65 ng/ml



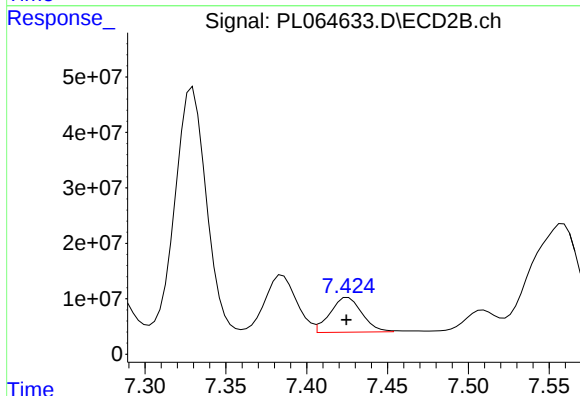
#19 Endosulfan Sulfate

R.T.: 6.618 min
Delta R.T.: 0.002 min
Response: 577479715
Conc: 158.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-005-0510MSD

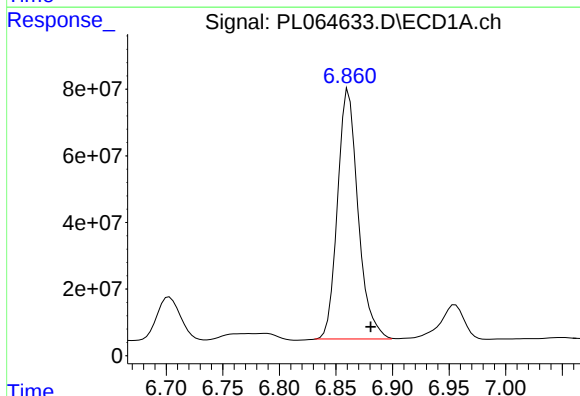
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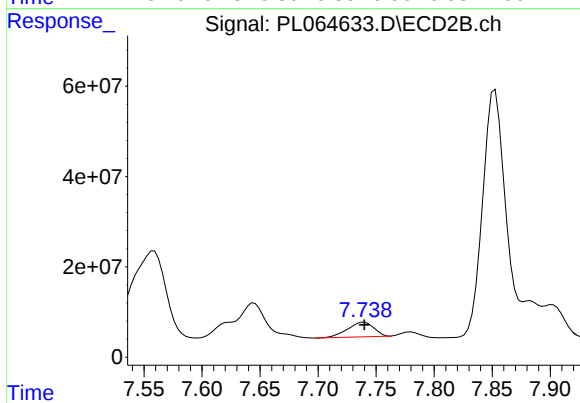
#19 Endosulfan Sulfate

R.T.: 7.424 min
Delta R.T.: 0.000 min
Response: 85092445
Conc: 35.39 ng/ml m



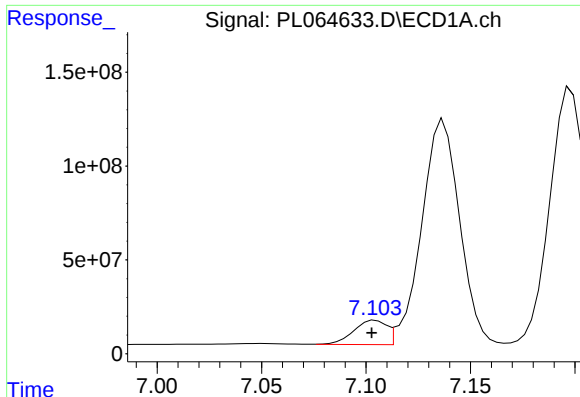
#20 Methoxychlor

R.T.: 6.860 min
Delta R.T.: -0.021 min
Response: 947163457
Conc: 524.36 ng/ml m



#20 Methoxychlor

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 50414485
Conc: 39.85 ng/ml



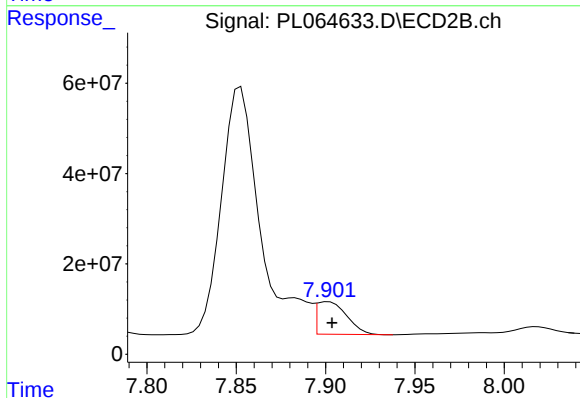
#21 Endrin ketone

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 161835639
Conc: 41.52 ng/ml m

Instrument :
ECD_L
ClientSampleId :
OU421-005-0510MSD

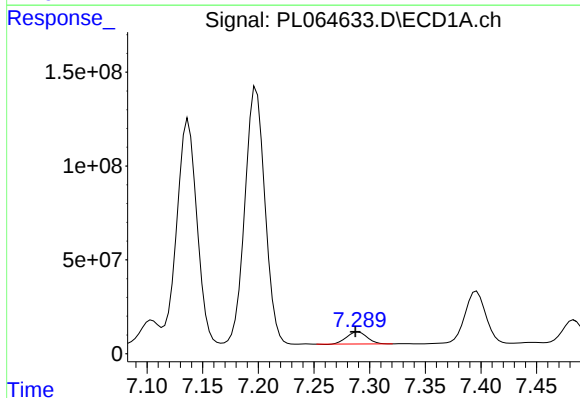
Manual Integrations
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2/8/2021 8:28:21 AM



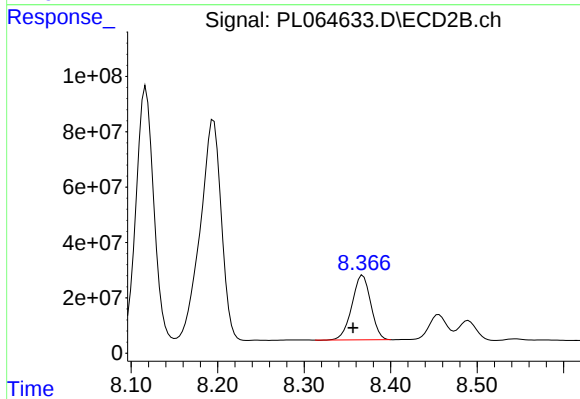
#21 Endrin ketone

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 85009902
Conc: 34.96 ng/ml



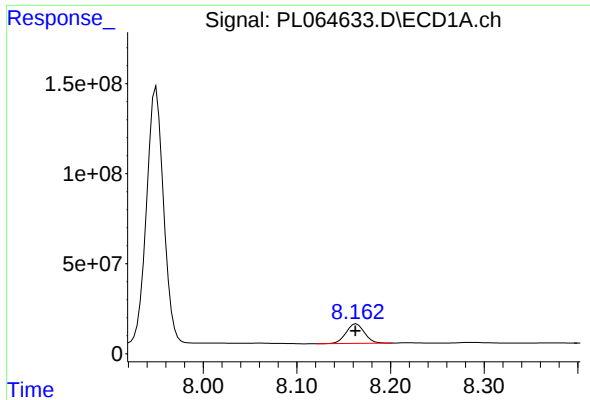
#22 Mirex

R.T.: 7.290 min
Delta R.T.: 0.003 min
Response: 81812805
Conc: 27.31 ng/ml



#22 Mirex

R.T.: 8.368 min
Delta R.T.: 0.011 min
Response: 353479861
Conc: 184.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.164 min

Delta R.T.: 0.001 min

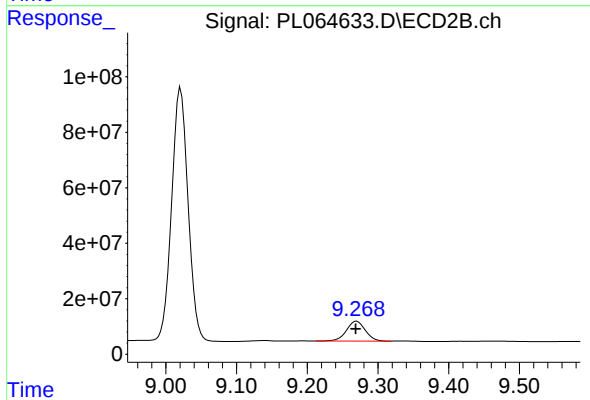
Response: 147587784

Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU421-005-0510MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.270 min

Delta R.T.: 0.001 min

Response: 132643068

Conc: 64.79 ng/ml