

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030121\
 Data File : PL064999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Mar 2021 13:37
 Operator : AR\AJ
 Sample : M1509-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BU-02-022621MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 15:18:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 09 04:41:29 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...	3.423	4.099	59925210	53926692	21.299	24.964
28)	SA Decachlor...	8.144	9.258	48976857	42233472	21.779	22.235
Target Compounds							
2)	A alpha-BHC	3.855	4.501	234.6E6	173.1E6	50.591	57.163
3)	MA gamma-BHC...	4.136	4.793	225.2E6	165.2E6	52.099	58.148
4)	MA Heptachlor	4.433	5.305	200.3E6	169.7E6	48.841	57.286
5)	MB Aldrin	4.676	5.613	59193304	157.7E6	15.897m	64.313m#
6)	B beta-BHC	4.385	4.971	87796719	33444239	51.368m	23.570 #
7)	B delta-BHC	4.588	5.194	204.3E6	148.6E6	50.549	55.000
8)	B Heptachlo...	5.119	6.010	207.5E6	151.1E6	59.753	68.507
9)	A Endosulfan I	5.455	6.372	151.8E6	121.0E6	47.345	57.666
10)	B gamma-Chl...	5.344	6.246	222.9E6	149.4E6	63.566	64.654
11)	B alpha-Chl...	5.401	6.318	183.7E6	170.7E6	53.050	74.147 #
12)	B 4,4'-DDE	5.568	6.475	395.9E6	302.7E6	126.504	149.257
13)	MA Dieldrin	5.696	6.633	180.9E6	122.0E6	55.148	57.062
14)	MA Endrin	5.950	6.855	167.9E6	111.7E6	55.918	61.771
15)	B Endosulfa...	6.223	7.070	190.9E6	124.1E6	66.296	65.861
16)	A 4,4'-DDD	6.081	6.974	146.0E6	113.9E6	57.642	65.709
17)	MA 4,4'-DDT	6.319	7.274	252.2E6	199.0E6	111.833	130.531
18)	B Endrin al...	6.391	7.195	127.9E6	89190749	52.465	54.773
19)	B Endosulfa...	6.604	7.419	155.6E6	103.8E6	54.875	57.700
20)	A Methoxychlor	6.867	7.735	60067818	56201183	46.390	62.172 #
21)	B Endrin ke...	7.090	7.898	135.6E6	101.1E6	47.277	52.893
22)	Mirex	7.273	8.349	112.5E6	78960571	53.250	56.805

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030121\
Data File : PL064999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Mar 2021 13:37
Operator : AR\AJ
Sample : M1509-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

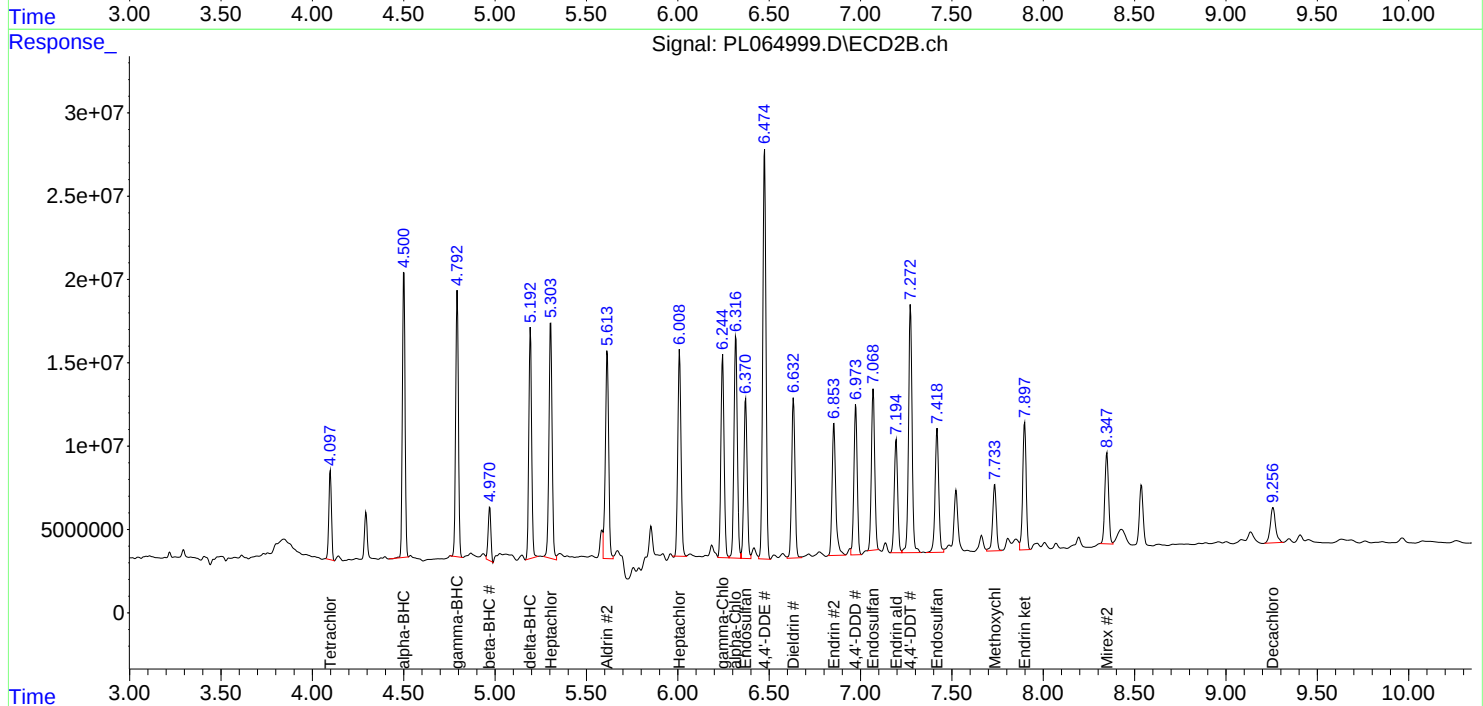
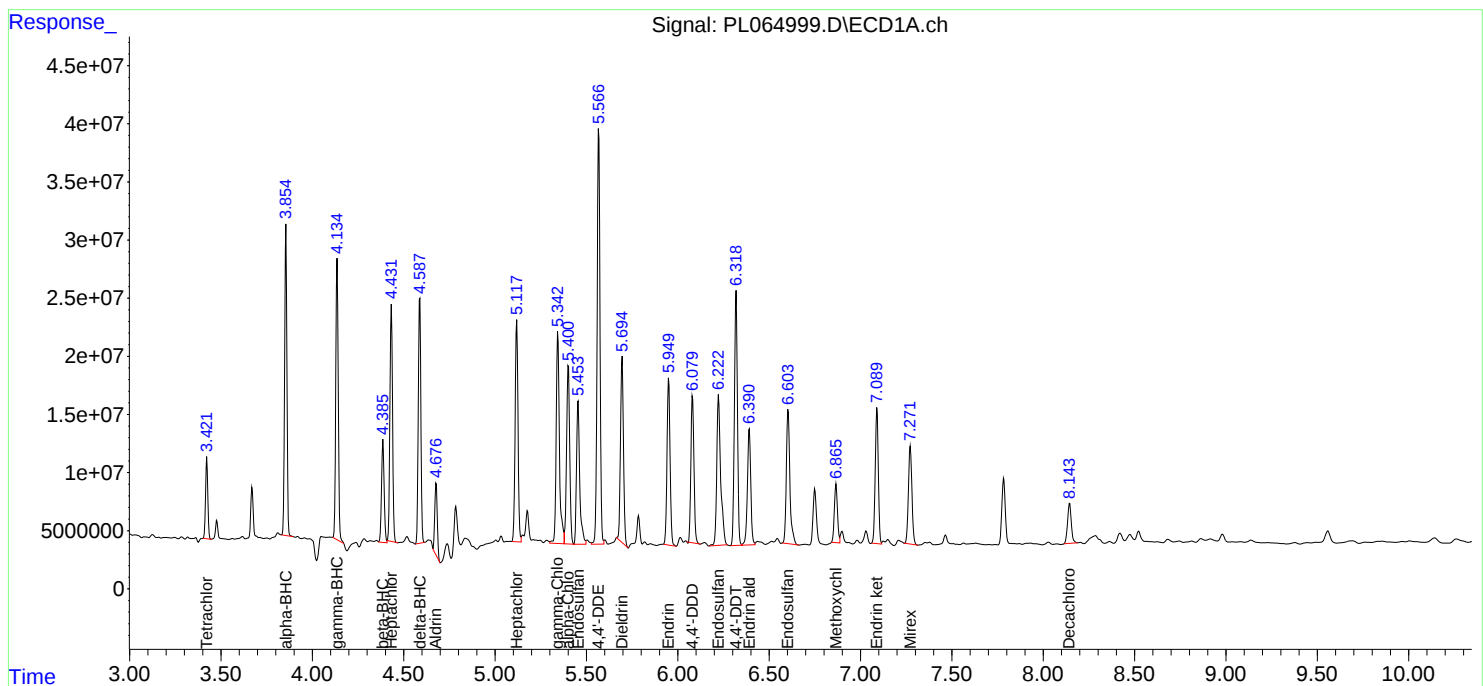
Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

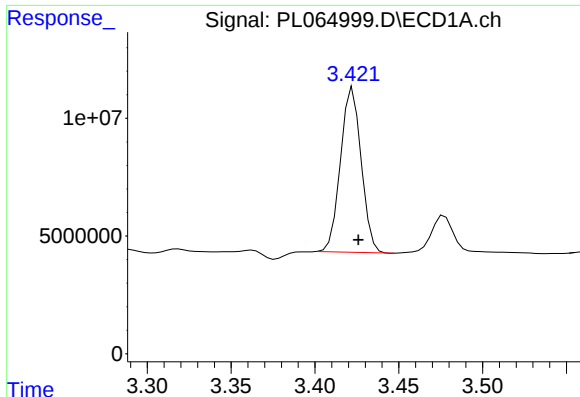
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 15:18:04 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
Quant Title : GC Extractables
QLast Update : Tue Feb 09 04:41:29 2021
Response 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





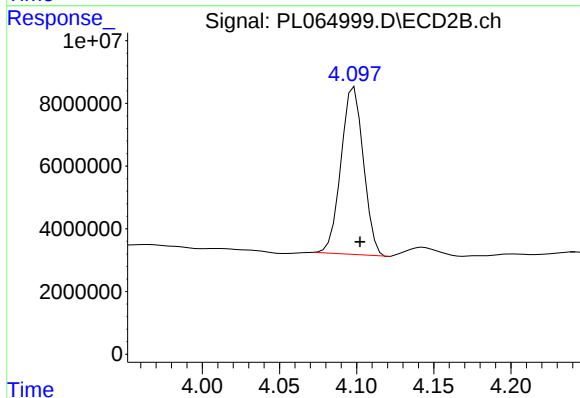
#1 Tetrachloro-m-xylene

R.T.: 3.423 min
Delta R.T.: -0.003 min
Response: 59925210
Conc: 21.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

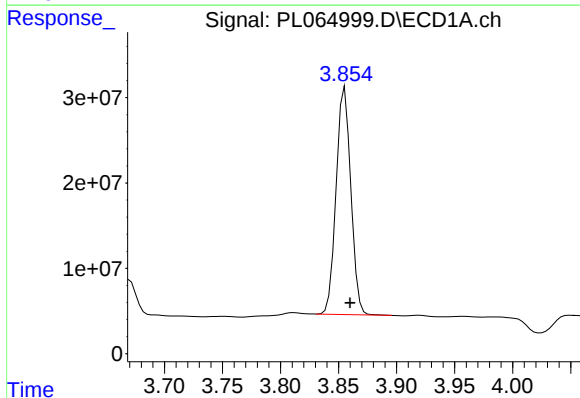
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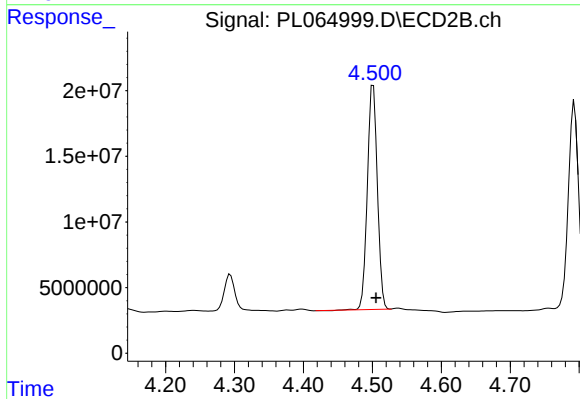
#1 Tetrachloro-m-xylene

R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 53926692
Conc: 24.96 ng/ml



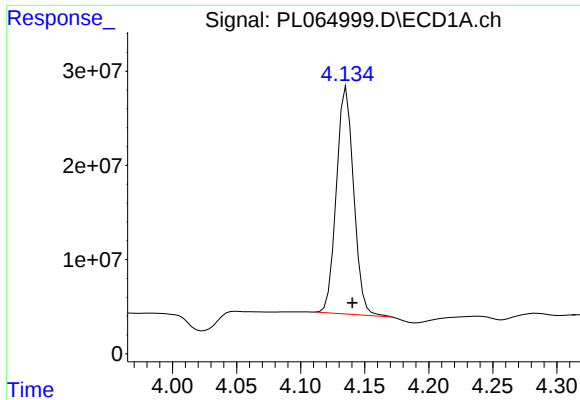
#2 alpha-BHC

R.T.: 3.855 min
Delta R.T.: -0.004 min
Response: 234615903
Conc: 50.59 ng/ml



#2 alpha-BHC

R.T.: 4.501 min
Delta R.T.: -0.004 min
Response: 173144597
Conc: 57.16 ng/ml



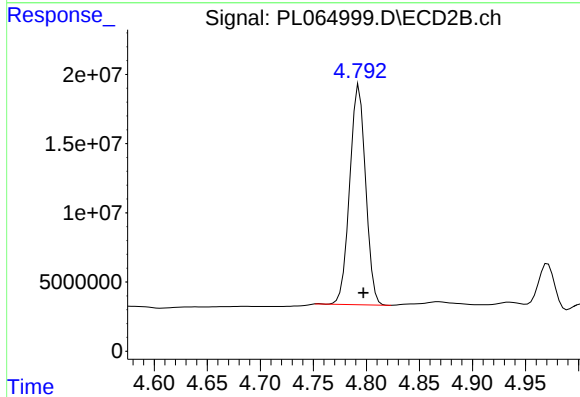
#3 gamma-BHC (Lindane)

R.T.: 4.136 min
Delta R.T.: -0.004 min
Response: 225248807
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

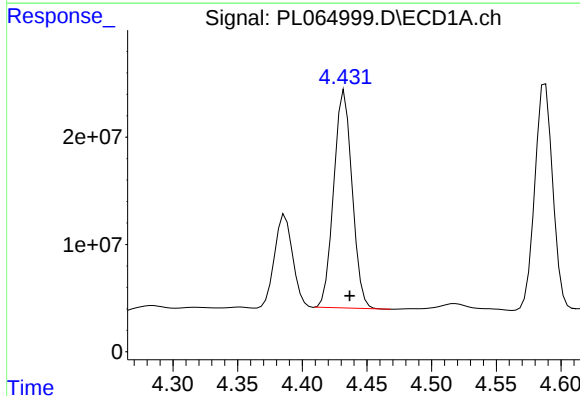
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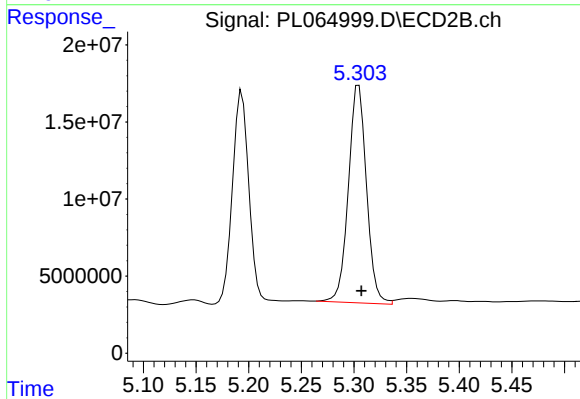
#3 gamma-BHC (Lindane)

R.T.: 4.793 min
Delta R.T.: -0.004 min
Response: 165168478
Conc: 58.15 ng/ml



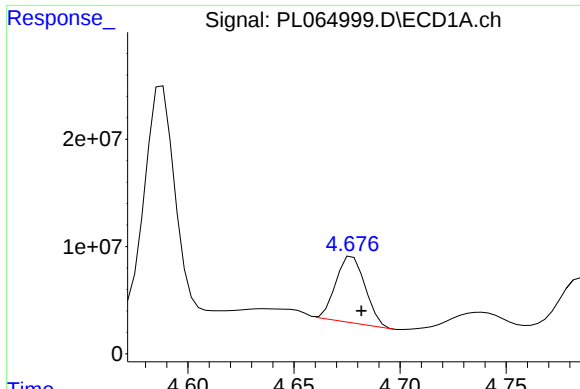
#4 Heptachlor

R.T.: 4.433 min
Delta R.T.: -0.004 min
Response: 200255558
Conc: 48.84 ng/ml



#4 Heptachlor

R.T.: 5.305 min
Delta R.T.: -0.002 min
Response: 169712172
Conc: 57.29 ng/ml



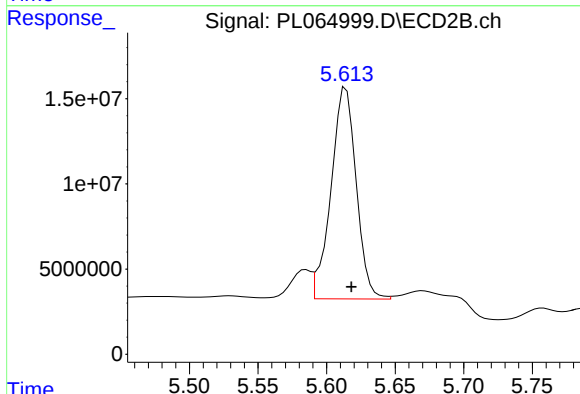
#5 Aldrin

R.T.: 4.676 min
Delta R.T.: -0.005 min
Response: 59193304
Conc: 15.90 ng/ml m

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

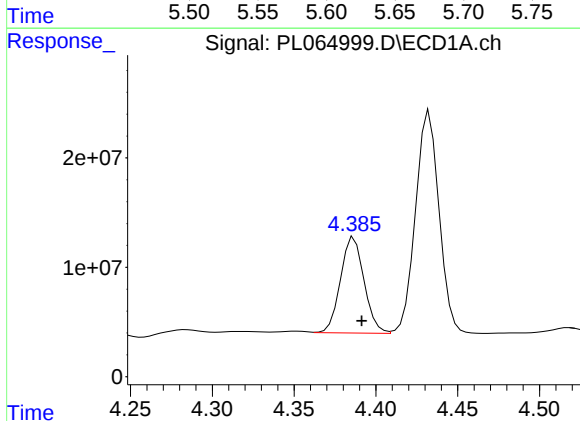
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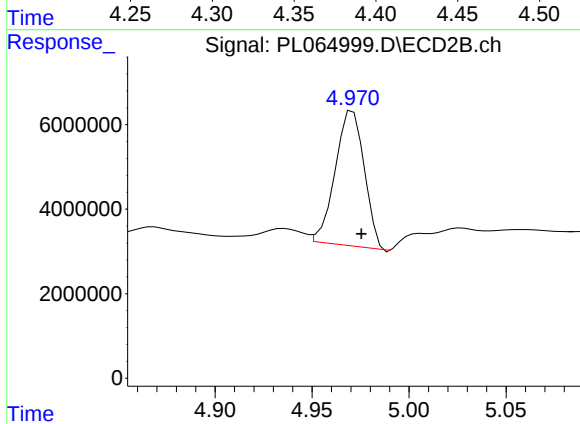
#5 Aldrin

R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 157717563
Conc: 64.31 ng/ml m



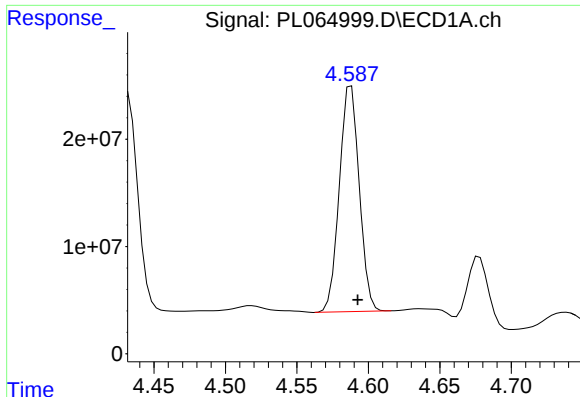
#6 beta-BHC

R.T.: 4.385 min
Delta R.T.: -0.006 min
Response: 87796719
Conc: 51.37 ng/ml m



#6 beta-BHC

R.T.: 4.971 min
Delta R.T.: -0.005 min
Response: 33444239
Conc: 23.57 ng/ml



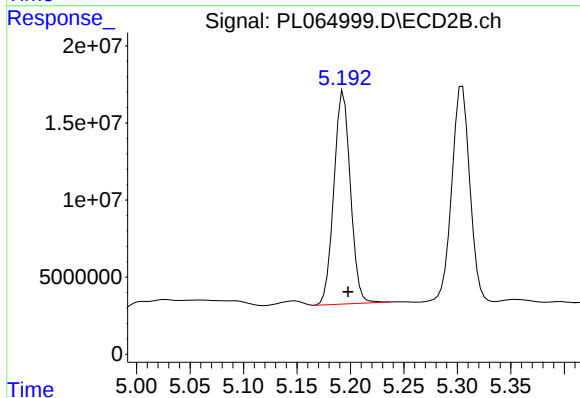
#7 delta-BHC

R.T.: 4.588 min
Delta R.T.: -0.004 min
Response: 204332498
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

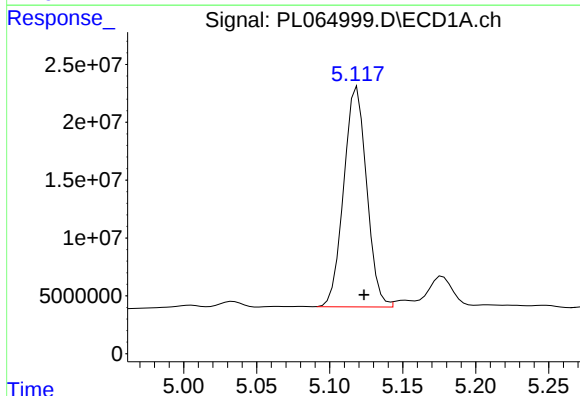
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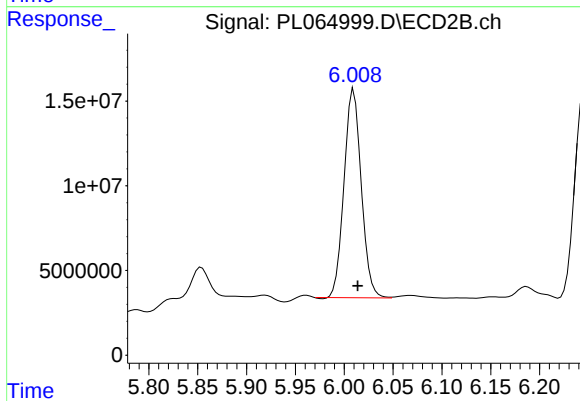
#7 delta-BHC

R.T.: 5.194 min
Delta R.T.: -0.004 min
Response: 148597521
Conc: 55.00 ng/ml



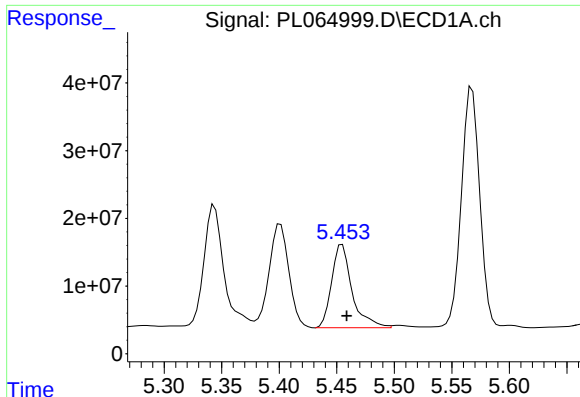
#8 Heptachlor epoxide

R.T.: 5.119 min
Delta R.T.: -0.005 min
Response: 207454676
Conc: 59.75 ng/ml



#8 Heptachlor epoxide

R.T.: 6.010 min
Delta R.T.: -0.004 min
Response: 151146229
Conc: 68.51 ng/ml



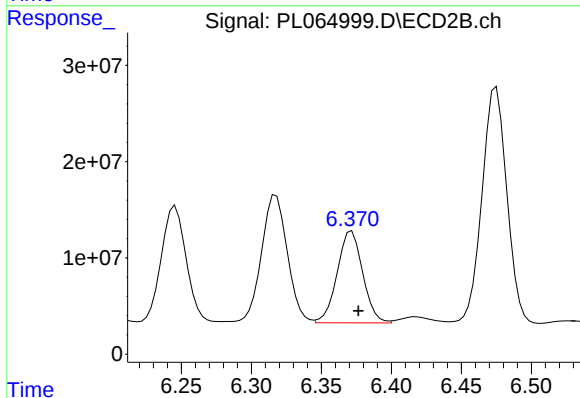
#9 Endosulfan I

R.T.: 5.455 min
Delta R.T.: -0.004 min
Response: 151832520
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

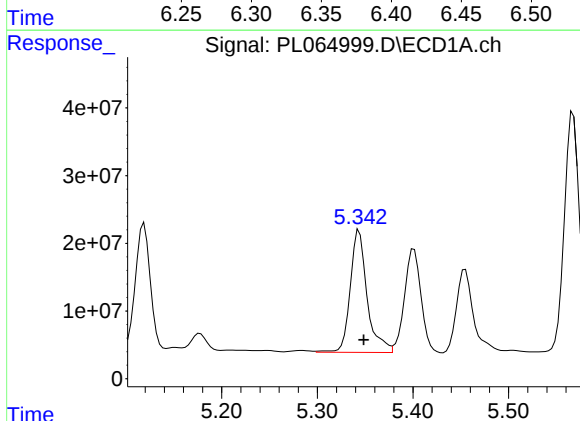
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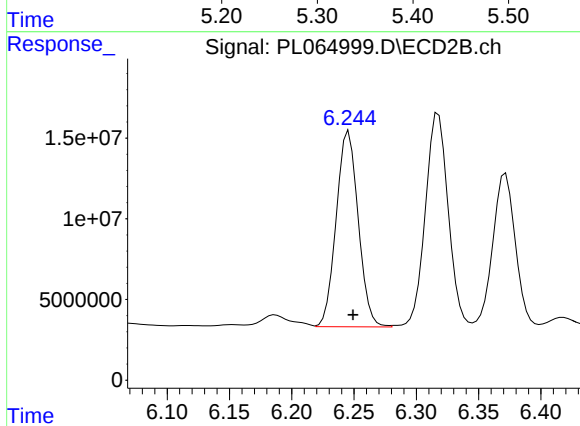
#9 Endosulfan I

R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 120952201
Conc: 57.67 ng/ml



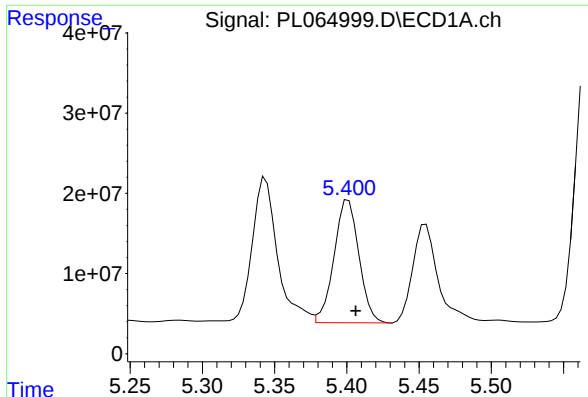
#10 gamma-Chlordane

R.T.: 5.344 min
Delta R.T.: -0.005 min
Response: 222889973
Conc: 63.57 ng/ml



#10 gamma-Chlordane

R.T.: 6.246 min
Delta R.T.: -0.003 min
Response: 149416435
Conc: 64.65 ng/ml



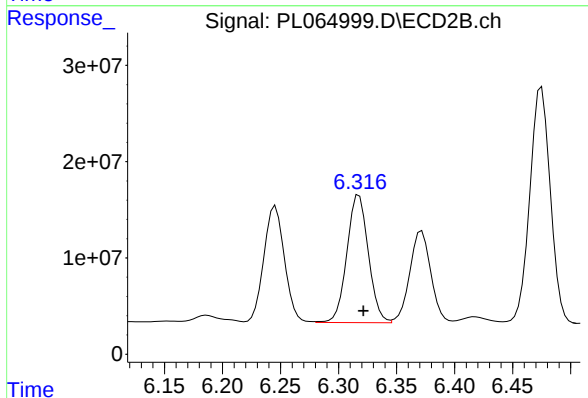
#11 alpha-Chlordane

R.T.: 5.401 min
Delta R.T.: -0.005 min
Response: 183739993
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

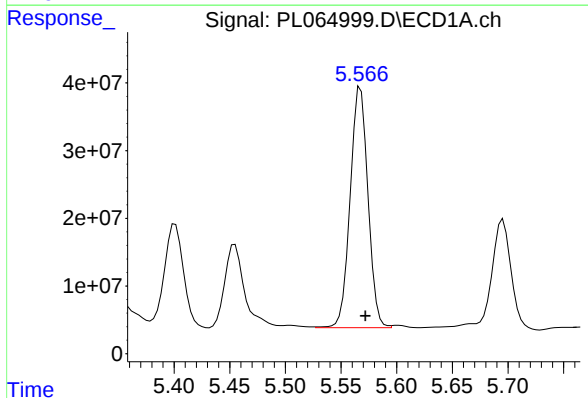
Manual Integrations
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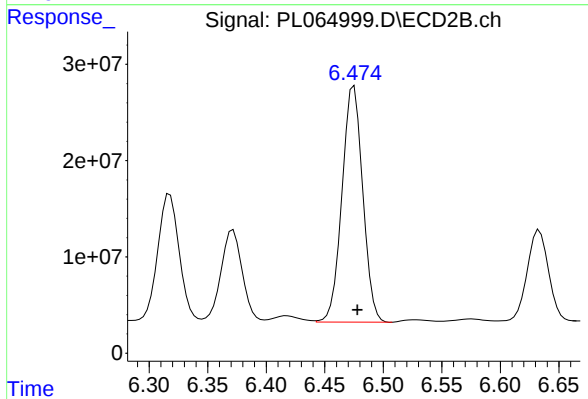
#11 alpha-Chlordane

R.T.: 6.318 min
Delta R.T.: -0.004 min
Response: 170701045
Conc: 74.15 ng/ml



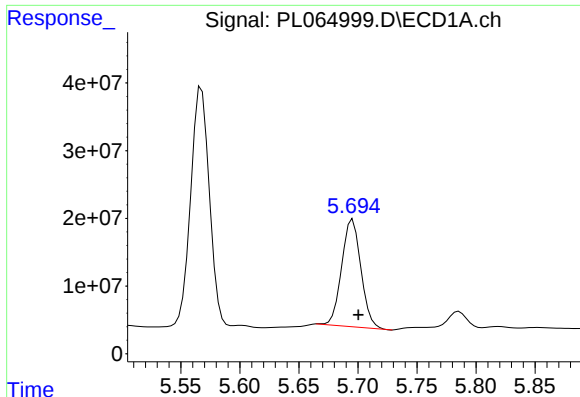
#12 4,4'-DDE

R.T.: 5.568 min
Delta R.T.: -0.004 min
Response: 395884156
Conc: 126.50 ng/ml



#12 4,4'-DDE

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 302696691
Conc: 149.26 ng/ml



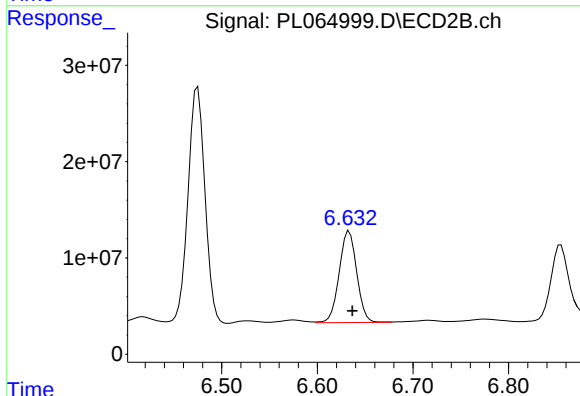
#13 Dieldrin

R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 180895962
Conc: 55.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

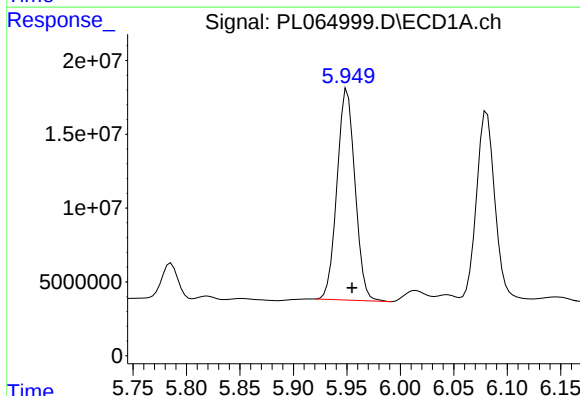
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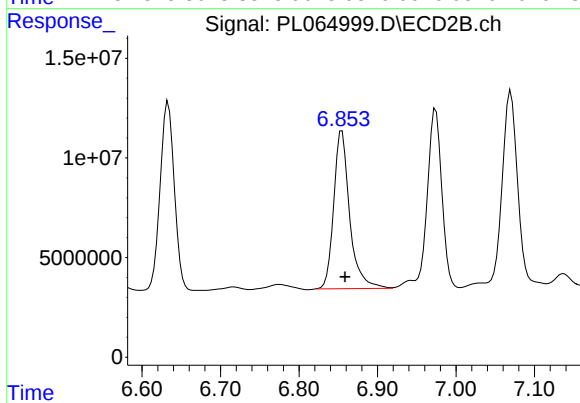
#13 Dieldrin

R.T.: 6.633 min
Delta R.T.: -0.003 min
Response: 121979912
Conc: 57.06 ng/ml



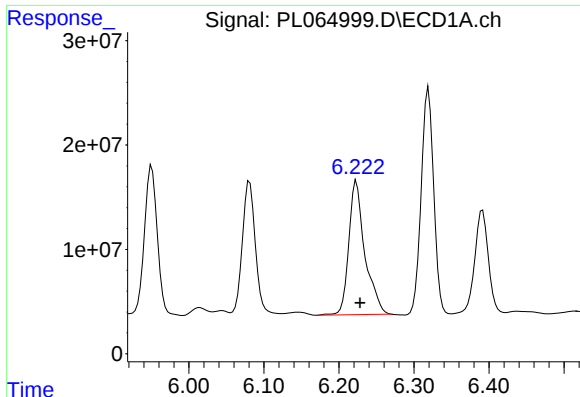
#14 Endrin

R.T.: 5.950 min
Delta R.T.: -0.005 min
Response: 167940822
Conc: 55.92 ng/ml



#14 Endrin

R.T.: 6.855 min
Delta R.T.: -0.004 min
Response: 111668917
Conc: 61.77 ng/ml



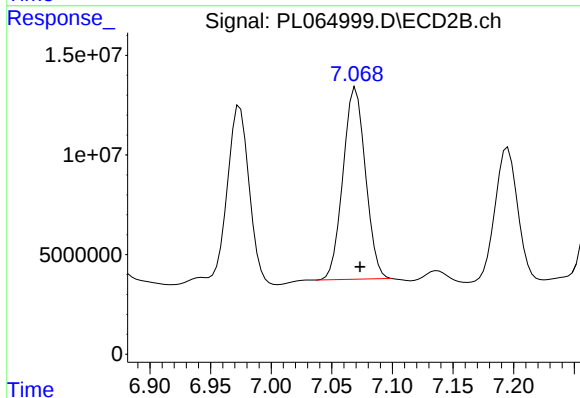
#15 Endosulfan II

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 190897790
Conc: 66.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

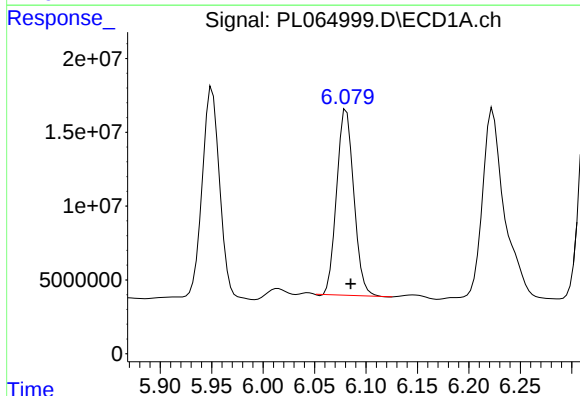
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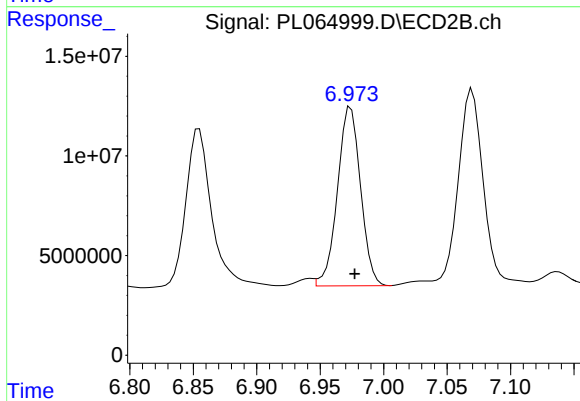
#15 Endosulfan II

R.T.: 7.070 min
Delta R.T.: -0.003 min
Response: 124104045
Conc: 65.86 ng/ml



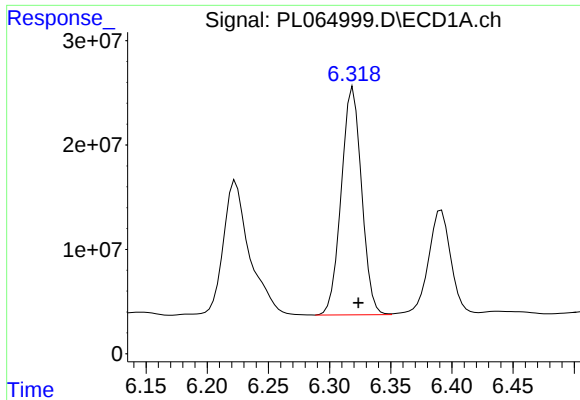
#16 4,4'-DDD

R.T.: 6.081 min
Delta R.T.: -0.004 min
Response: 145983101
Conc: 57.64 ng/ml



#16 4,4'-DDD

R.T.: 6.974 min
Delta R.T.: -0.003 min
Response: 113913199
Conc: 65.71 ng/ml



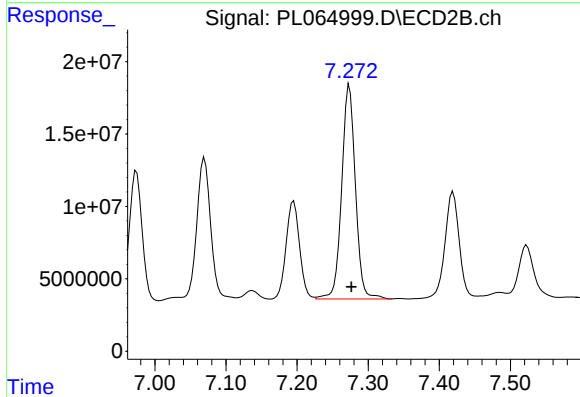
#17 4,4'-DDT

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 252180693
Conc: 111.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

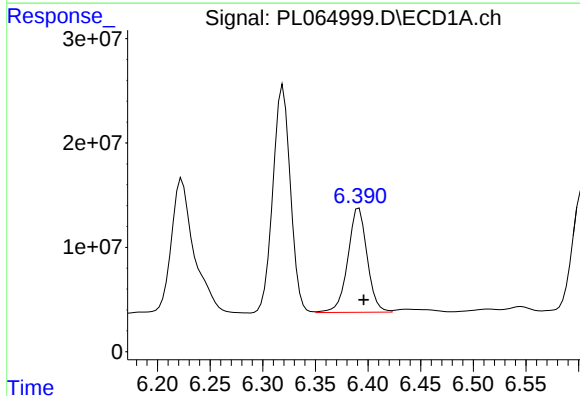
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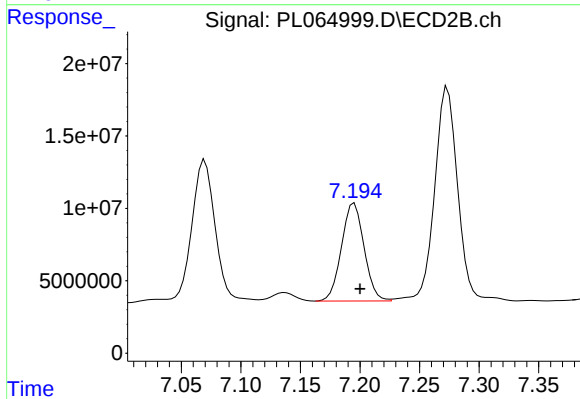
#17 4,4'-DDT

R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 199015164
Conc: 130.53 ng/ml



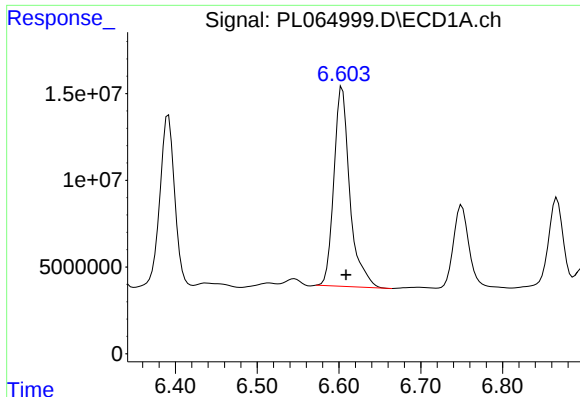
#18 Endrin aldehyde

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 127918274
Conc: 52.46 ng/ml



#18 Endrin aldehyde

R.T.: 7.195 min
Delta R.T.: -0.005 min
Response: 89190749
Conc: 54.77 ng/ml



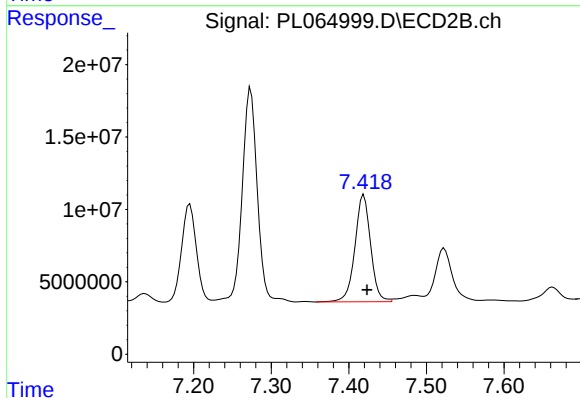
#19 Endosulfan Sulfate

R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 155619067
Conc: 54.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

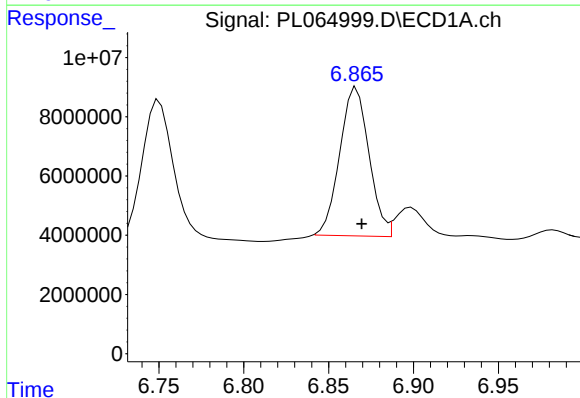
Manual Integrations
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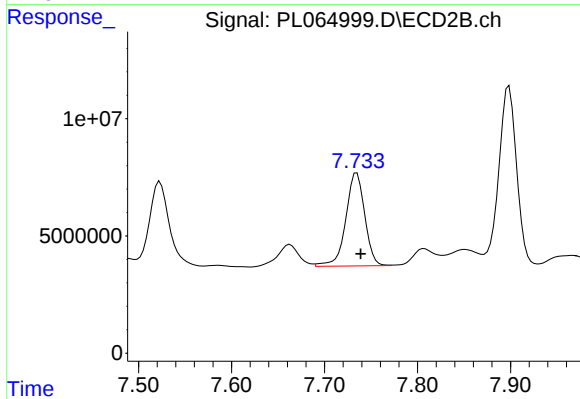
#19 Endosulfan Sulfate

R.T.: 7.419 min
Delta R.T.: -0.004 min
Response: 103837465
Conc: 57.70 ng/ml



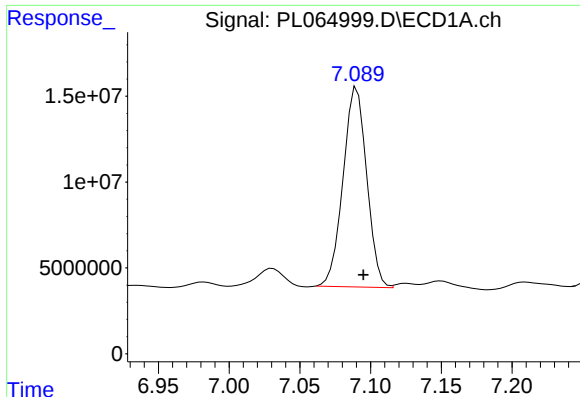
#20 Methoxychlor

R.T.: 6.867 min
Delta R.T.: -0.003 min
Response: 60067818
Conc: 46.39 ng/ml



#20 Methoxychlor

R.T.: 7.735 min
Delta R.T.: -0.004 min
Response: 56201183
Conc: 62.17 ng/ml



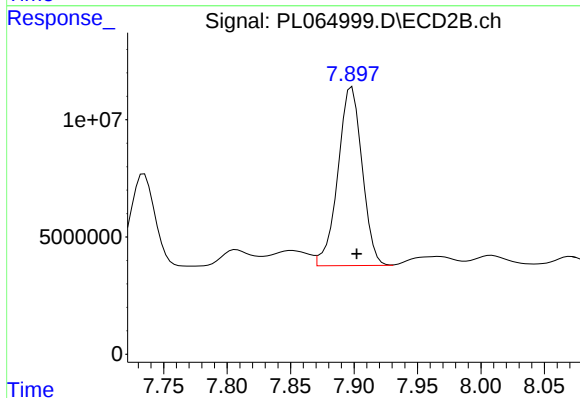
#21 Endrin ketone

R.T.: 7.090 min
Delta R.T.: -0.005 min
Response: 135593157
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

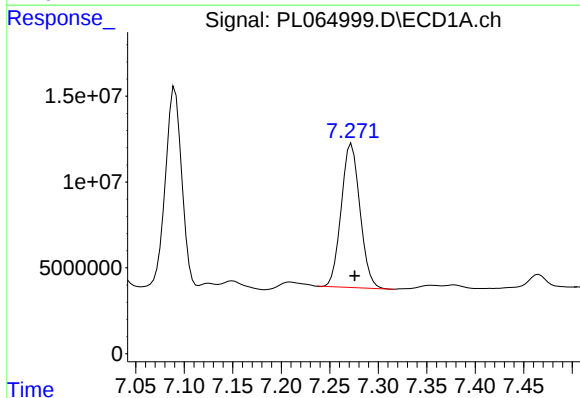
Manual Integrations
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3/2/2021 8:43:44 AM



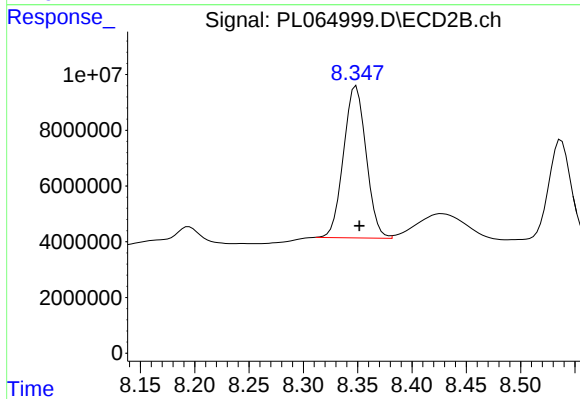
#21 Endrin ketone

R.T.: 7.898 min
Delta R.T.: -0.004 min
Response: 101114166
Conc: 52.89 ng/ml



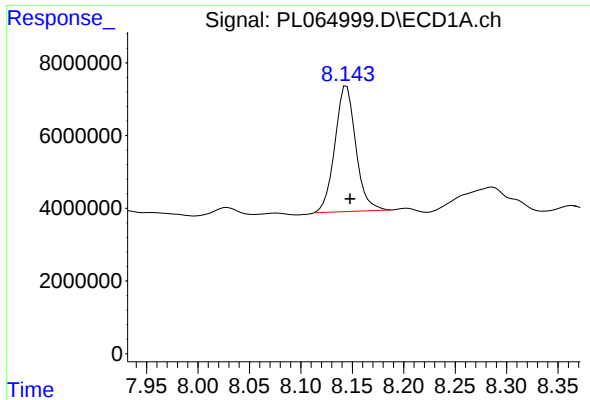
#22 Mirex

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 112513051
Conc: 53.25 ng/ml



#22 Mirex

R.T.: 8.349 min
Delta R.T.: -0.003 min
Response: 78960571
Conc: 56.81 ng/ml



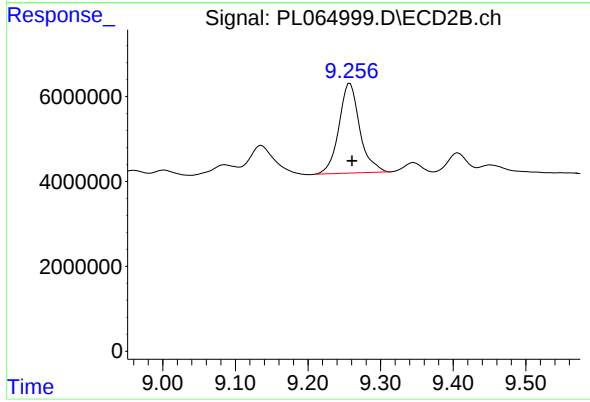
#28 Decachlorobiphenyl

R.T.: 8.144 min
Delta R.T.: -0.003 min
Response: 48976857
Conc: 21.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-022621MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.258 min
Delta R.T.: -0.003 min
Response: 42233472
Conc: 22.24 ng/ml