

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021021\
 Data File : PL064761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2021 16:06
 Operator : AR\AJ
 Sample : M1347-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-03-020921MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 05:56:03 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...	3.425	4.101	67332413	53454566	23.932	24.745
28)	SA Decachlor...	8.146	9.257	47436131	42156295	21.094	22.195
Target Compounds							
2)	A alpha-BHC	3.859	4.503	234.1E6	168.1E6	50.485	55.513
3)	MA gamma-BHC...	4.139	4.795	219.3E6	158.2E6	50.730	55.689
4)	MA Heptachlor	4.436	5.306	203.6E6	150.8E6	49.652	50.900
5)	MB Aldrin	4.680	5.616	176.2E6	129.5E6	47.326	52.814
6)	B beta-BHC	4.389	4.974	84069905	65561059	49.187	50.086
7)	B delta-BHC	4.591	5.195	204.2E6	132.9E6	50.509	49.192
8)	B Heptachlo...	5.121	6.010	172.5E6	111.4E6	49.683	50.497
9)	A Endosulfan I	5.456	6.372	162.2E6	108.4E6	50.572	51.687
10)	B gamma-Chl...	5.346	6.246	167.0E6	124.9E6	47.613	54.067
11)	B alpha-Chl...	5.404	6.318	165.1E6	119.3E6	47.664	51.831
12)	B 4,4'-DDE	5.570	6.475	148.9E6	104.9E6	47.596	51.720
13)	MA Dieldrin	5.696	6.633	182.6E6	104.1E6	55.656m	48.703
14)	MA Endrin	5.952	6.855	147.2E6	91561025	49.020	50.648
15)	B Endosulfa...	6.226	7.069	141.7E6	95421830	49.214	50.639
16)	A 4,4'-DDD	6.083	6.974	119.3E6	93791274	47.117	54.102
17)	MA 4,4'-DDT	6.321	7.274	110.0E6	81223361	48.767	53.273
18)	B Endrin al...	6.393	7.195	114.3E6	77819941	46.878	47.790
19)	B Endosulfa...	6.606	7.418	128.1E6	89089318	45.164	49.505m
20)	A Methoxychlor	6.869	7.735	59637853	47662439	46.058	52.726
21)	B Endrin ke...	7.092	7.897	126.5E6	93102298	44.108	48.702
22)	Mirex	7.273	8.348	100.4E6	71045918	47.525m	51.111

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021021\
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 Acq On : 10 Feb 2021 16:06
 Operator : AR\AJ
 Sample : M1347-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

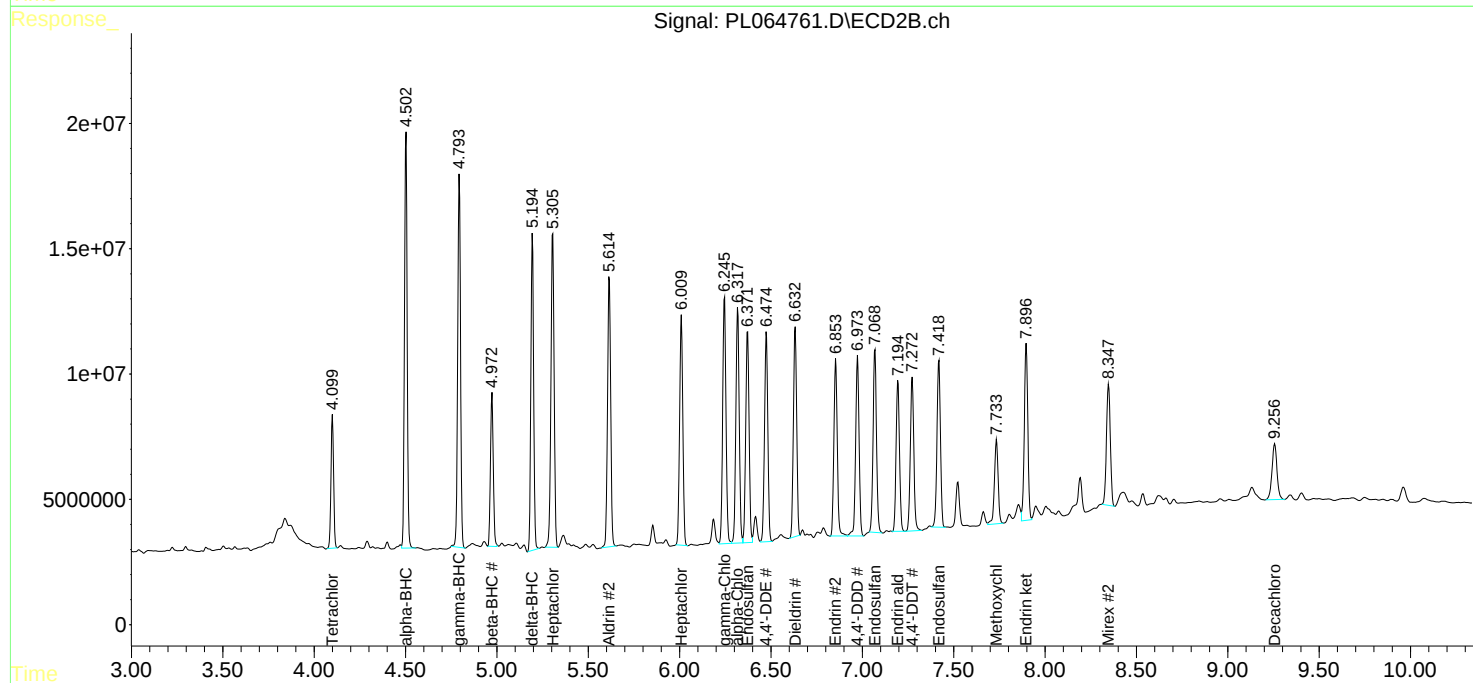
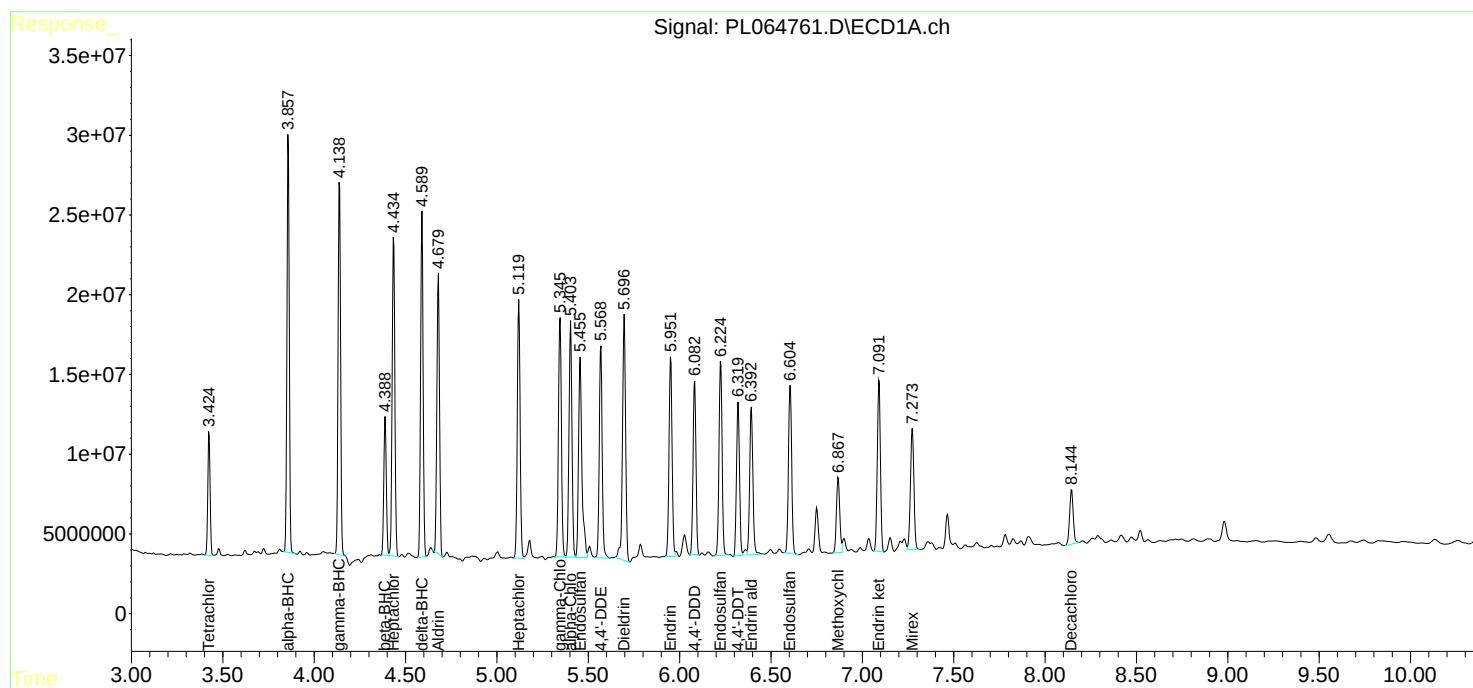
Instrument :
 ECD_L
 ClientSampleId :
 OR-03-020921MSD

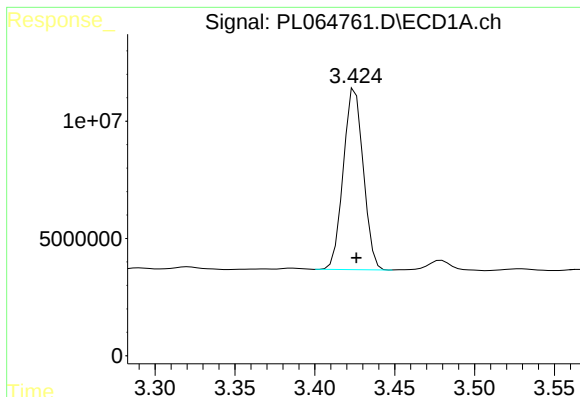
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 05:56:03 2021
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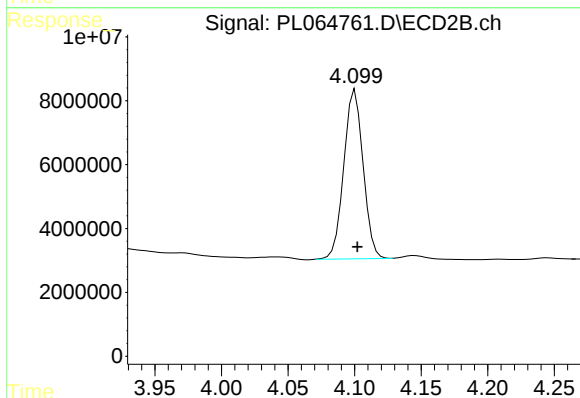
#1 Tetrachloro-m-xylene

R.T.: 3.425 min
Delta R.T.: 0.000 min
Response: 67332413
Conc: 23.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-020921MSD

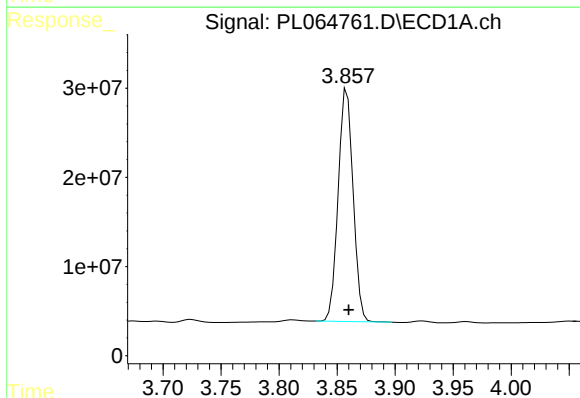
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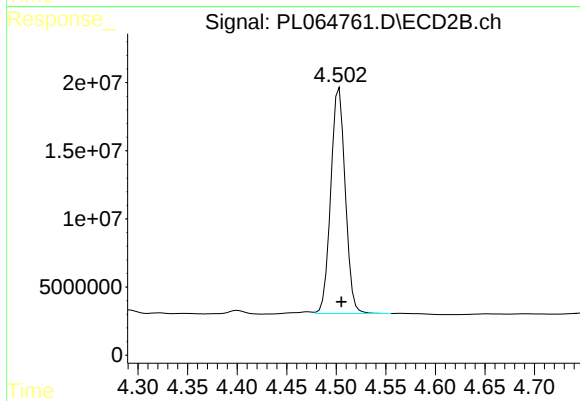
#1 Tetrachloro-m-xylene

R.T.: 4.101 min
Delta R.T.: -0.002 min
Response: 53454566
Conc: 24.75 ng/ml



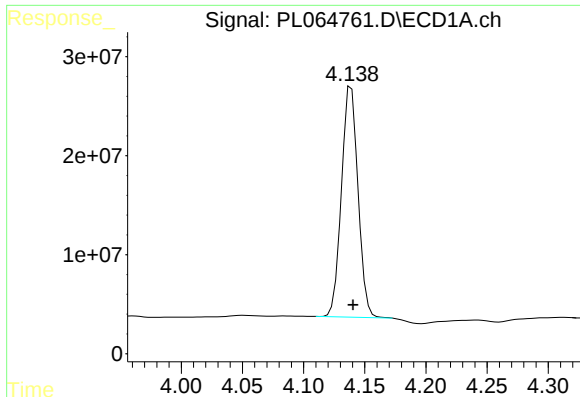
#2 alpha-BHC

R.T.: 3.859 min
Delta R.T.: -0.001 min
Response: 234124615
Conc: 50.48 ng/ml



#2 alpha-BHC

R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 168146273
Conc: 55.51 ng/ml



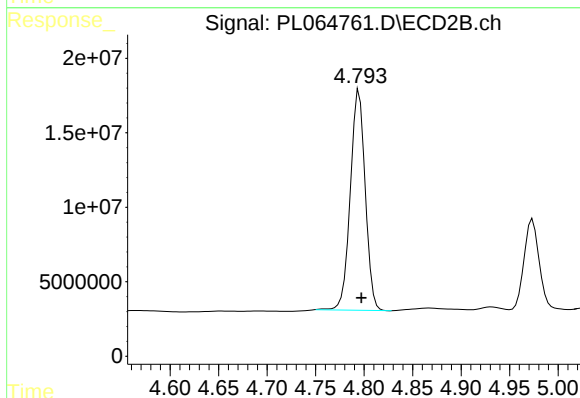
#3 gamma-BHC (Lindane)

R.T.: 4.139 min
Delta R.T.: -0.001 min
Response: 219330180
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-020921MSD

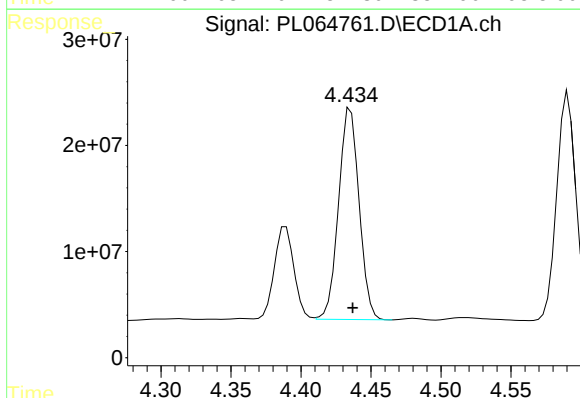
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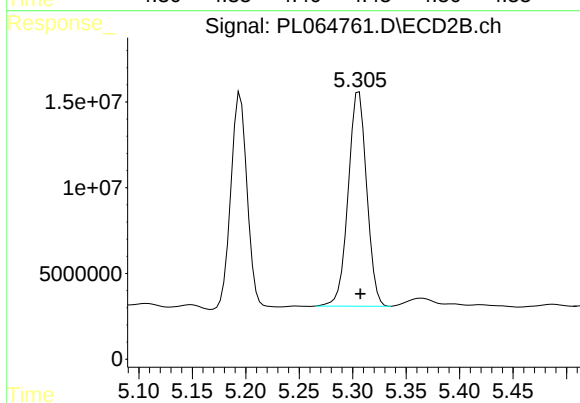
#3 gamma-BHC (Lindane)

R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 158182060
Conc: 55.69 ng/ml



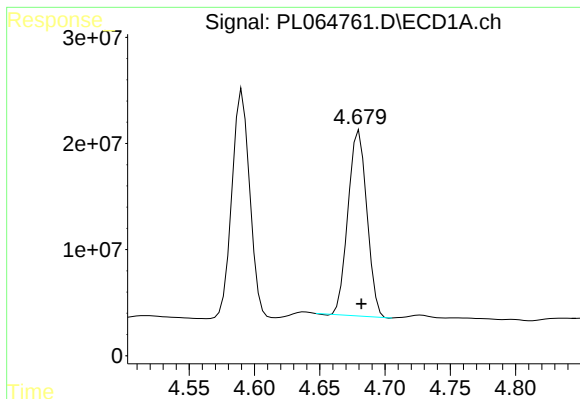
#4 Heptachlor

R.T.: 4.436 min
Delta R.T.: -0.001 min
Response: 203580265
Conc: 49.65 ng/ml



#4 Heptachlor

R.T.: 5.306 min
Delta R.T.: -0.001 min
Response: 150795478
Conc: 50.90 ng/ml



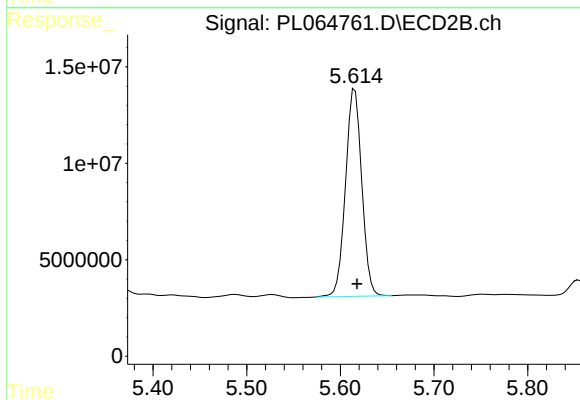
#5 Aldrin

R.T.: 4.680 min
Delta R.T.: -0.002 min
Response: 176222996
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-020921MSD

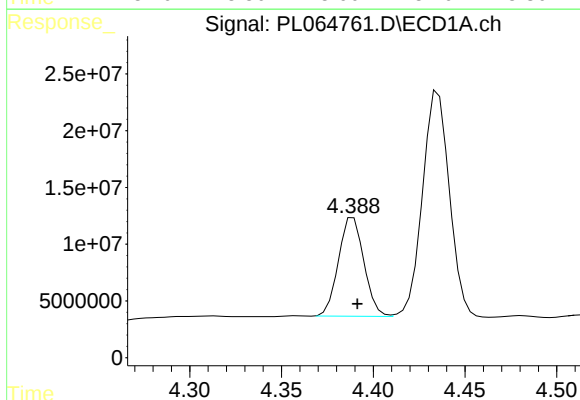
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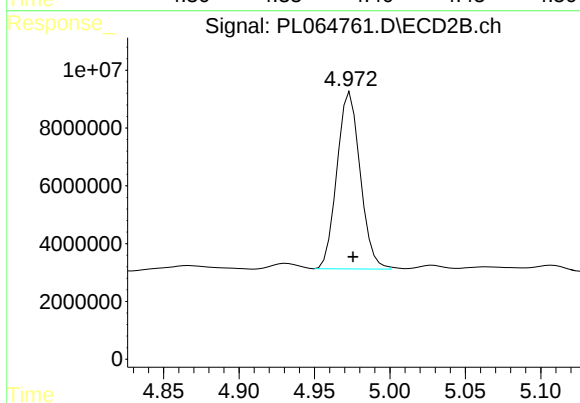
#5 Aldrin

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 129519570
Conc: 52.81 ng/ml



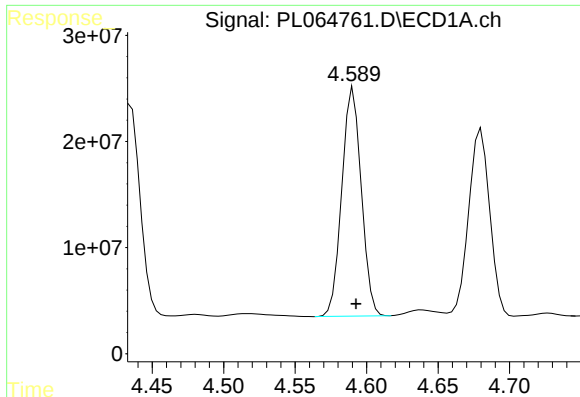
#6 beta-BHC

R.T.: 4.389 min
Delta R.T.: -0.002 min
Response: 84069905
Conc: 49.19 ng/ml



#6 beta-BHC

R.T.: 4.974 min
Delta R.T.: -0.002 min
Response: 65561059
Conc: 50.09 ng/ml



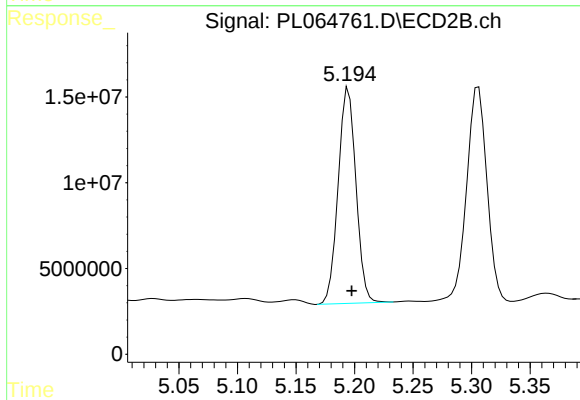
#7 delta-BHC

R.T.: 4.591 min
Delta R.T.: -0.002 min
Response: 204168100
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-020921MSD

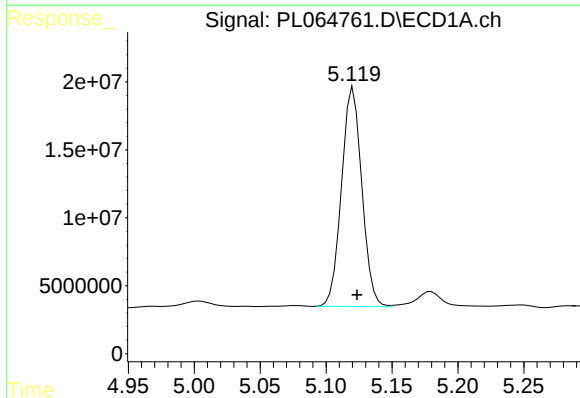
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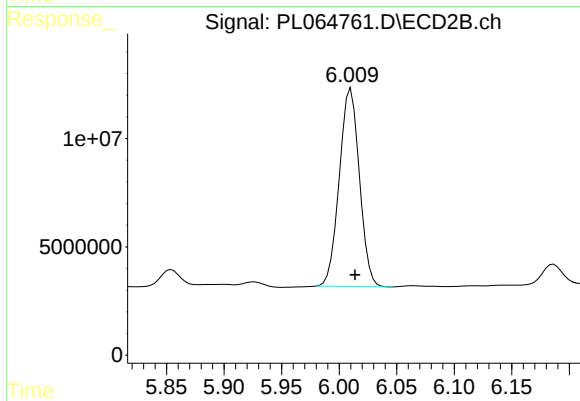
#7 delta-BHC

R.T.: 5.195 min
Delta R.T.: -0.003 min
Response: 132904524
Conc: 49.19 ng/ml



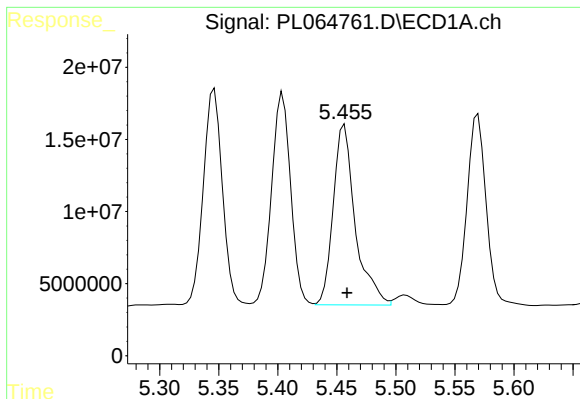
#8 Heptachlor epoxide

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 172493863
Conc: 49.68 ng/ml



#8 Heptachlor epoxide

R.T.: 6.010 min
Delta R.T.: -0.003 min
Response: 111411734
Conc: 50.50 ng/ml



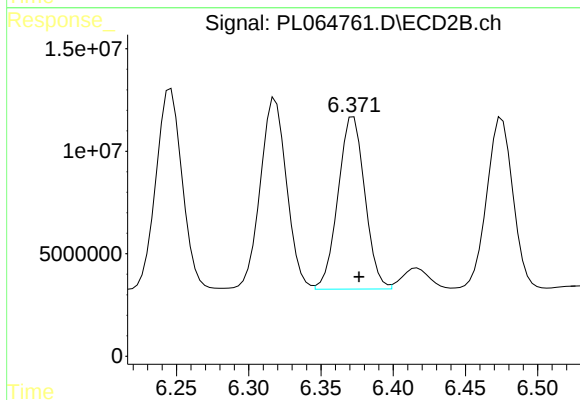
#9 Endosulfan I

R.T.: 5.456 min
Delta R.T.: -0.002 min
Response: 162179122
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-020921MSD

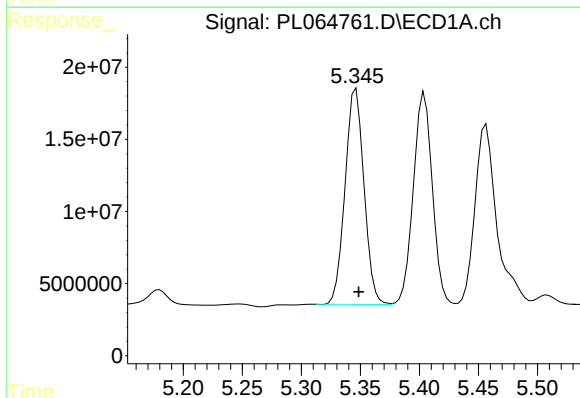
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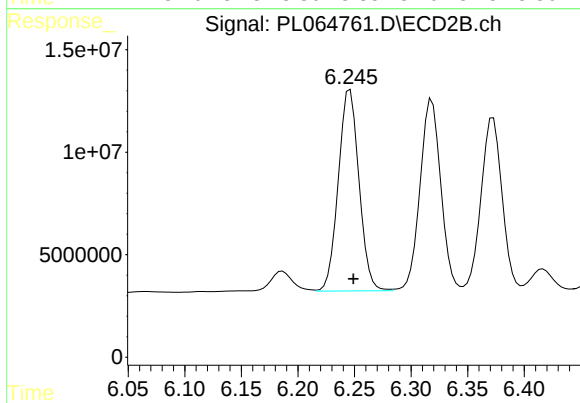
#9 Endosulfan I

R.T.: 6.372 min
Delta R.T.: -0.004 min
Response: 108410707
Conc: 51.69 ng/ml



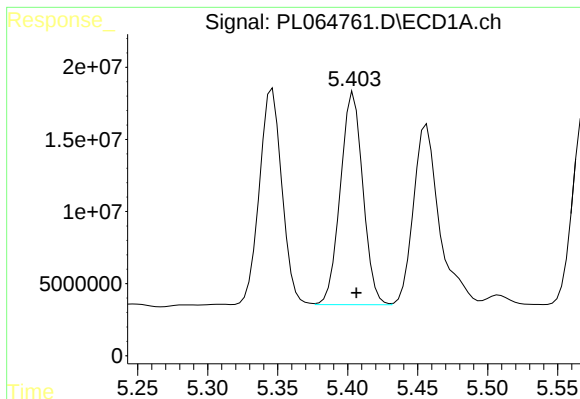
#10 gamma-Chlordane

R.T.: 5.346 min
Delta R.T.: -0.002 min
Response: 166951460
Conc: 47.61 ng/ml



#10 gamma-Chlordane

R.T.: 6.246 min
Delta R.T.: -0.003 min
Response: 124949231
Conc: 54.07 ng/ml



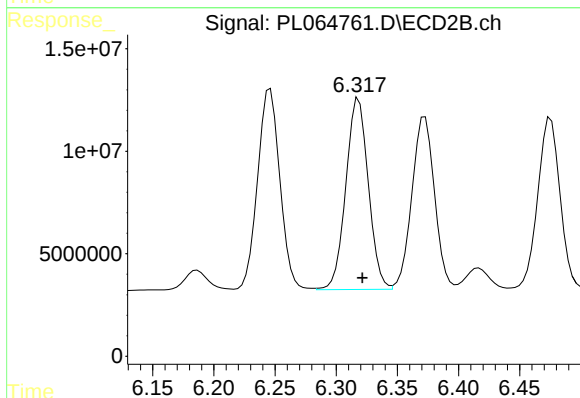
#11 alpha-Chlordane

R.T.: 5.404 min
Delta R.T.: -0.002 min
Response: 165086336
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-020921MSD

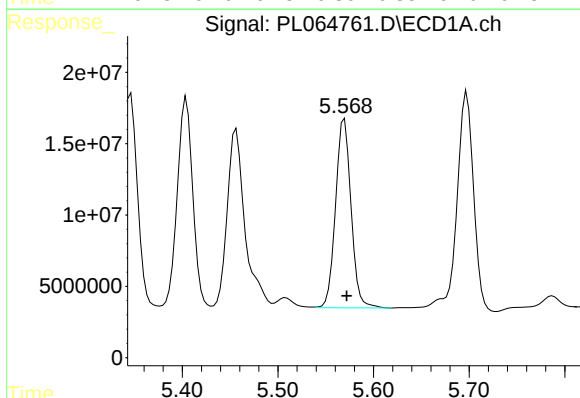
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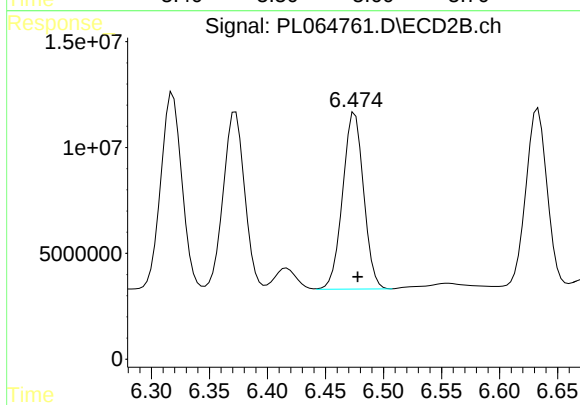
#11 alpha-Chlordane

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 119325044
Conc: 51.83 ng/ml



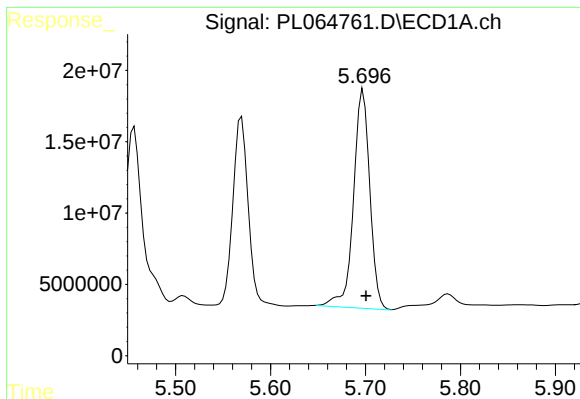
#12 4,4'-DDE

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 148948475
Conc: 47.60 ng/ml



#12 4,4'-DDE

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 104890035
Conc: 51.72 ng/ml



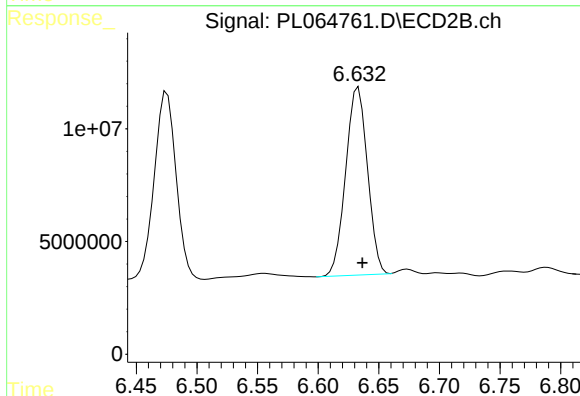
#13 Dieldrin

R.T.: 5.696 min
Delta R.T.: -0.004 min
Response: 182560012
Conc: 55.66 ng/ml m

Instrument :
ECD_L
ClientSampleId :
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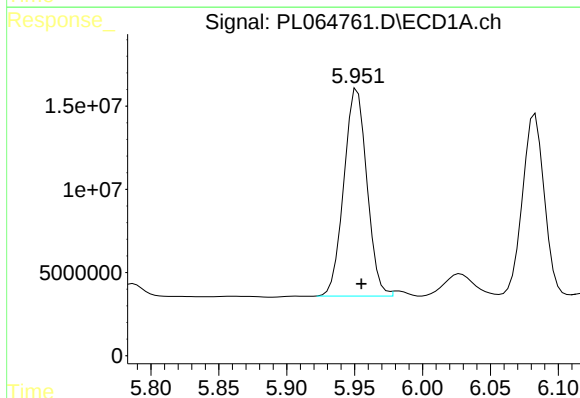
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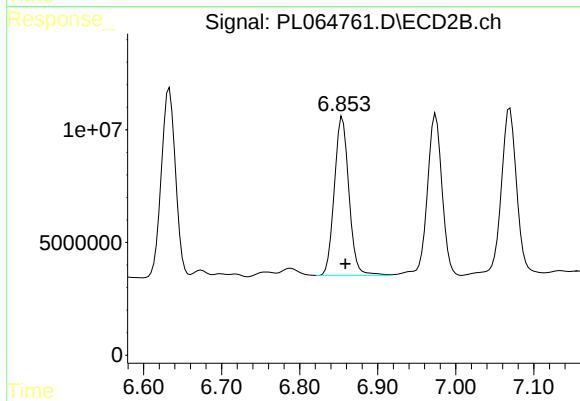
#13 Dieldrin

R.T.: 6.633 min
Delta R.T.: -0.003 min
Response: 104111989
Conc: 48.70 ng/ml



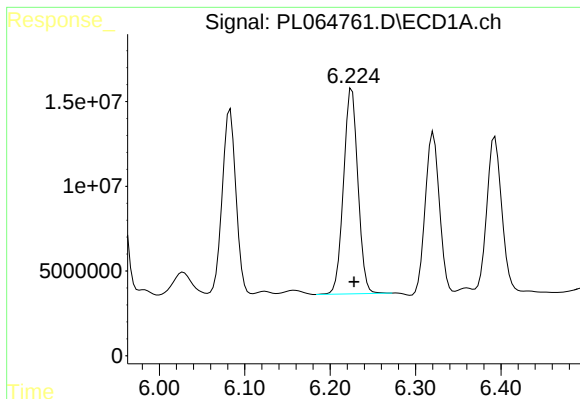
#14 Endrin

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 147224059
Conc: 49.02 ng/ml



#14 Endrin

R.T.: 6.855 min
Delta R.T.: -0.004 min
Response: 91561025
Conc: 50.65 ng/ml



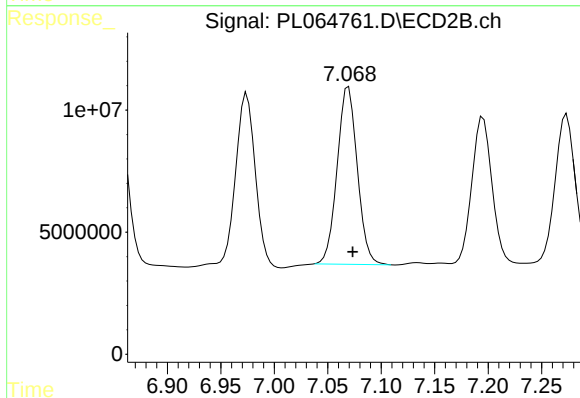
#15 Endosulfan II

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 141710906
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
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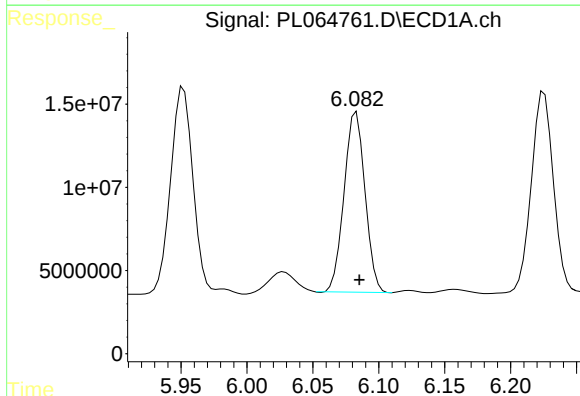
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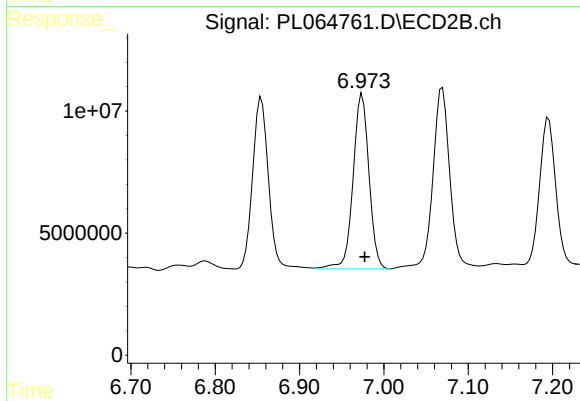
#15 Endosulfan II

R.T.: 7.069 min
Delta R.T.: -0.004 min
Response: 95421830
Conc: 50.64 ng/ml



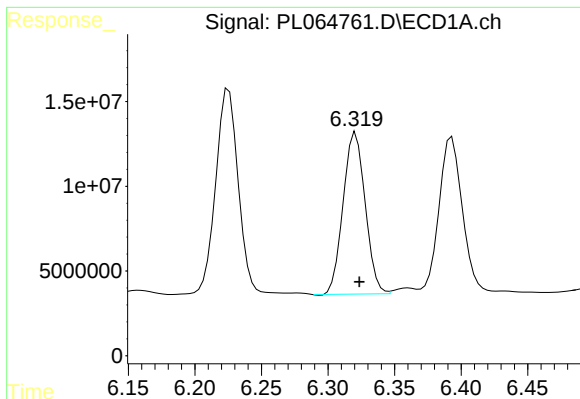
#16 4,4'-DDD

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 119327725
Conc: 47.12 ng/ml



#16 4,4'-DDD

R.T.: 6.974 min
Delta R.T.: -0.003 min
Response: 93791274
Conc: 54.10 ng/ml



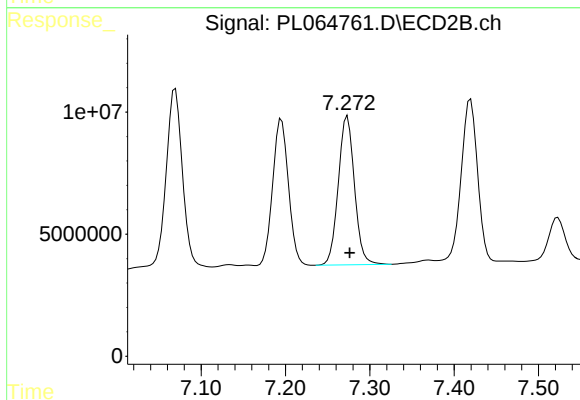
#17 4,4'-DDT

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 109967586
Conc: 48.77 ng/ml

Instrument :
ECD_L
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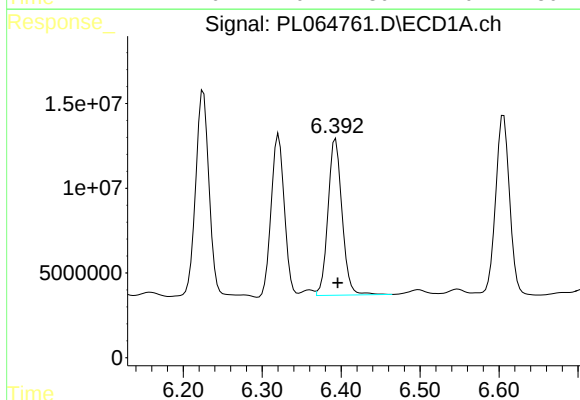
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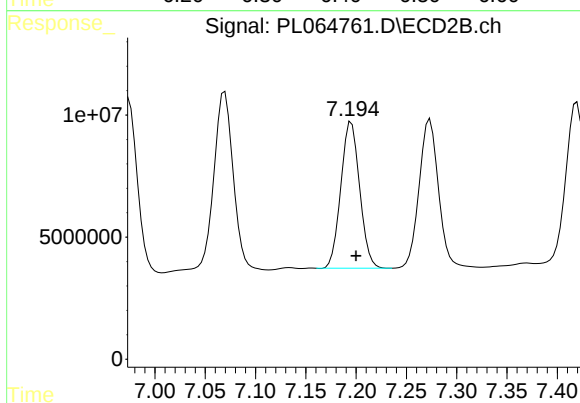
#17 4,4'-DDT

R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 81223361
Conc: 53.27 ng/ml



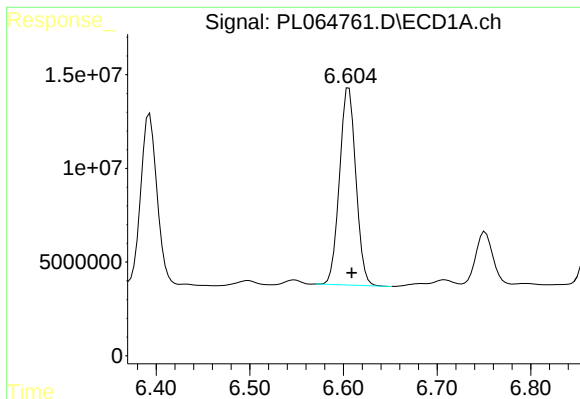
#18 Endrin aldehyde

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 114296541
Conc: 46.88 ng/ml



#18 Endrin aldehyde

R.T.: 7.195 min
Delta R.T.: -0.005 min
Response: 77819941
Conc: 47.79 ng/ml



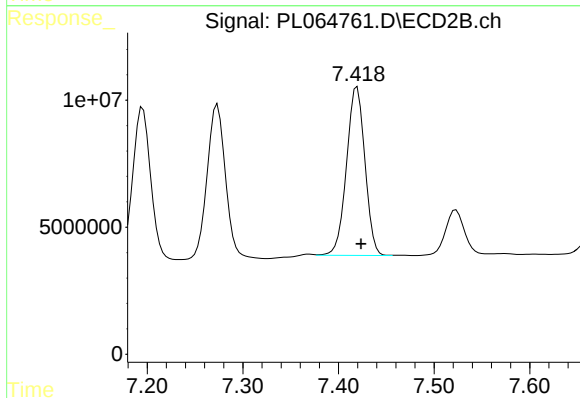
#19 Endosulfan Sulfate

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 128080213
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-020921MSD

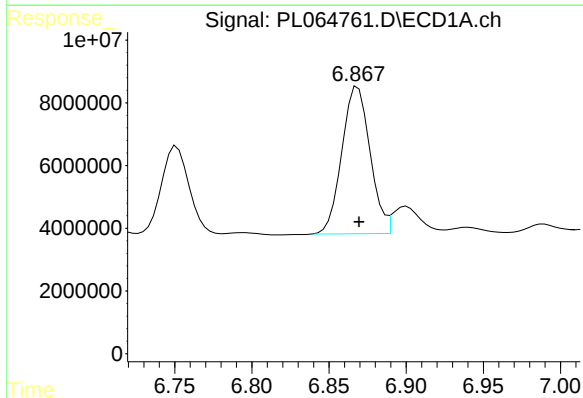
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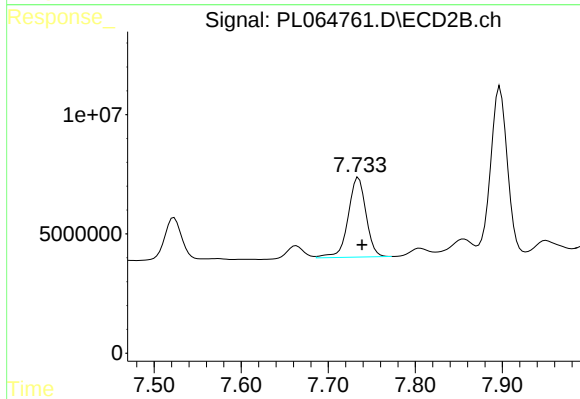
#19 Endosulfan Sulfate

R.T.: 7.418 min
Delta R.T.: -0.006 min
Response: 89089318
Conc: 49.50 ng/ml m



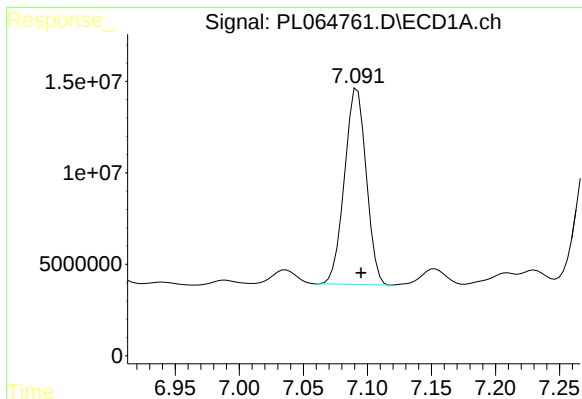
#20 Methoxychlor

R.T.: 6.869 min
Delta R.T.: 0.000 min
Response: 59637853
Conc: 46.06 ng/ml



#20 Methoxychlor

R.T.: 7.735 min
Delta R.T.: -0.004 min
Response: 47662439
Conc: 52.73 ng/ml



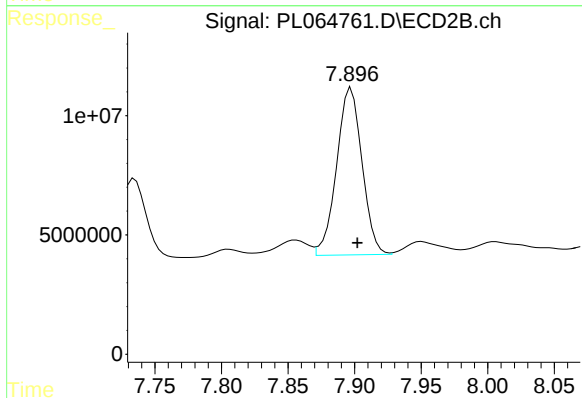
#21 Endrin ketone

R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 126506303
Conc: 44.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-020921MSD

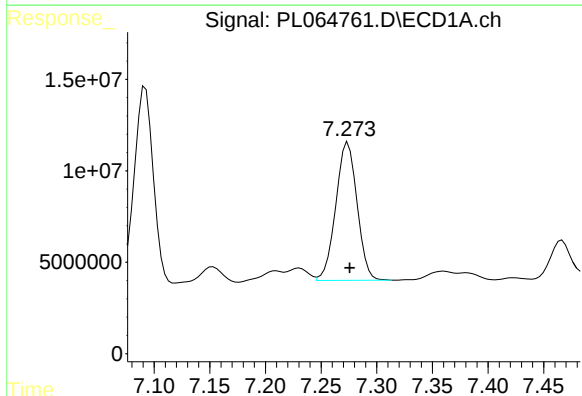
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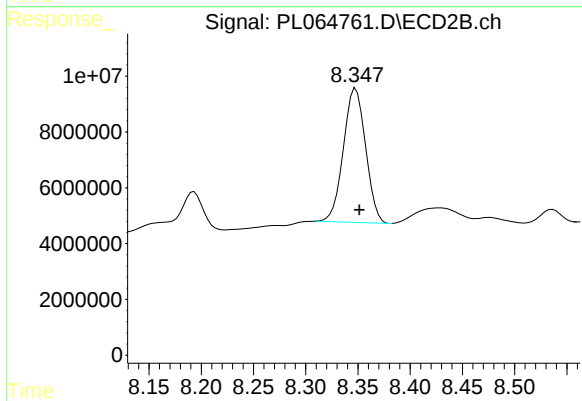
#21 Endrin ketone

R.T.: 7.897 min
Delta R.T.: -0.005 min
Response: 93102298
Conc: 48.70 ng/ml



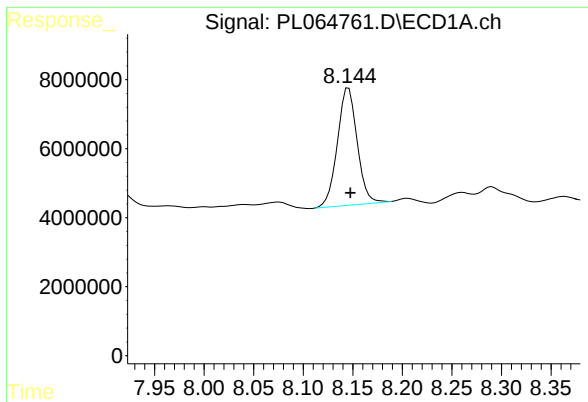
#22 Mirex

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 100417493
Conc: 47.53 ng/ml m



#22 Mirex

R.T.: 8.348 min
Delta R.T.: -0.004 min
Response: 71045918
Conc: 51.11 ng/ml



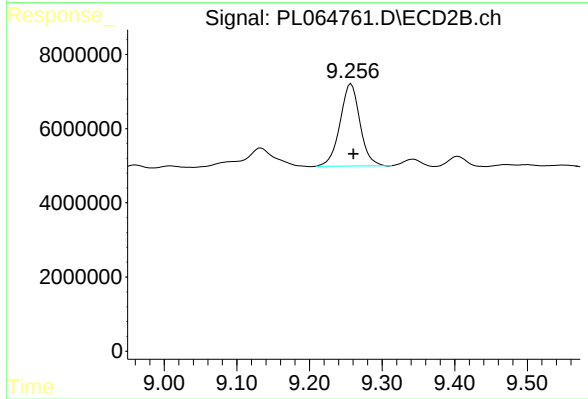
#28 Decachlorobiphenyl

R.T.: 8.146 min
Delta R.T.: -0.002 min
Response: 47436131
Conc: 21.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-020921MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.257 min
Delta R.T.: -0.003 min
Response: 42156295
Conc: 22.19 ng/ml