

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031921\
 Data File : PL065431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2021 12:05
 Operator : AR\AJ
 Sample : M1682-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-MANHOLES

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 14:03:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 19 02:14:11 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...	3.288	3.788	43121505	43259887	18.158	15.761
28)	SA Decachlor...	7.930	8.739	36180783	35659145	14.975	17.990
Target Compounds							
2)	A alpha-BHC	3.713	4.173	180.6E6	163.8E6	48.313	40.303
3)	MA gamma-BHC...	3.986	4.452	168.9E6	151.1E6	49.389	41.380
4)	MA Heptachlor	4.272	4.938	133.3E6	119.7E6	40.724	35.893
5)	MB Aldrin	4.508	5.234	149.4E6	132.3E6	47.160m	40.390m
6)	B beta-BHC	4.236	4.634	62137382	62176453	43.941	36.092
7)	B delta-BHC	4.430	4.840	156.3E6	150.6E6	46.996	50.379m
8)	B Heptachlo...	4.942	5.620	139.3E6	122.4E6	47.101	42.348m
9)	A Endosulfan I	5.270	5.971	144.4E6	97756796	52.978	37.131 #
10)	B gamma-Chl...	5.162	5.850	148.9E6	116.7E6	50.418m	41.810m
11)	B alpha-Chl...	5.219	5.921	150.4E6	119.0E6	51.695	42.870
12)	B 4,4'-DDE	5.386	6.085	131.5E6	98404953	49.978	39.508
13)	MA Dieldrin	5.507	6.227	141.3E6	107.2E6	50.485	39.402
14)	MA Endrin	5.756	6.442	111.6E6	93349322	44.712	42.262
15)	B Endosulfa...	6.029	6.659	109.7E6	99461710	44.761	44.062
16)	A 4,4'-DDD	5.892	6.576	97553614	93021686	44.139	42.292
17)	MA 4,4'-DDT	6.125	6.869	91487990	84334707	48.336	42.967
18)	B Endrin al...	6.196	6.783	83797499	78278496	43.638	44.683
19)	B Endosulfa...	6.405	7.003	113.1E6	92771941	45.778	42.290m
20)	A Methoxychlor	6.669	7.335	47462328	44347550	41.397m	42.464
21)	B Endrin ke...	6.884	7.471	107.9E6	101.2E6	40.158	42.882
22)	Mirex	7.057	7.907	79984725	73170202	39.279	43.960

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031921\
Data File : PL065431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2021 12:05
Operator : AR\AJ
Sample : M1682-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

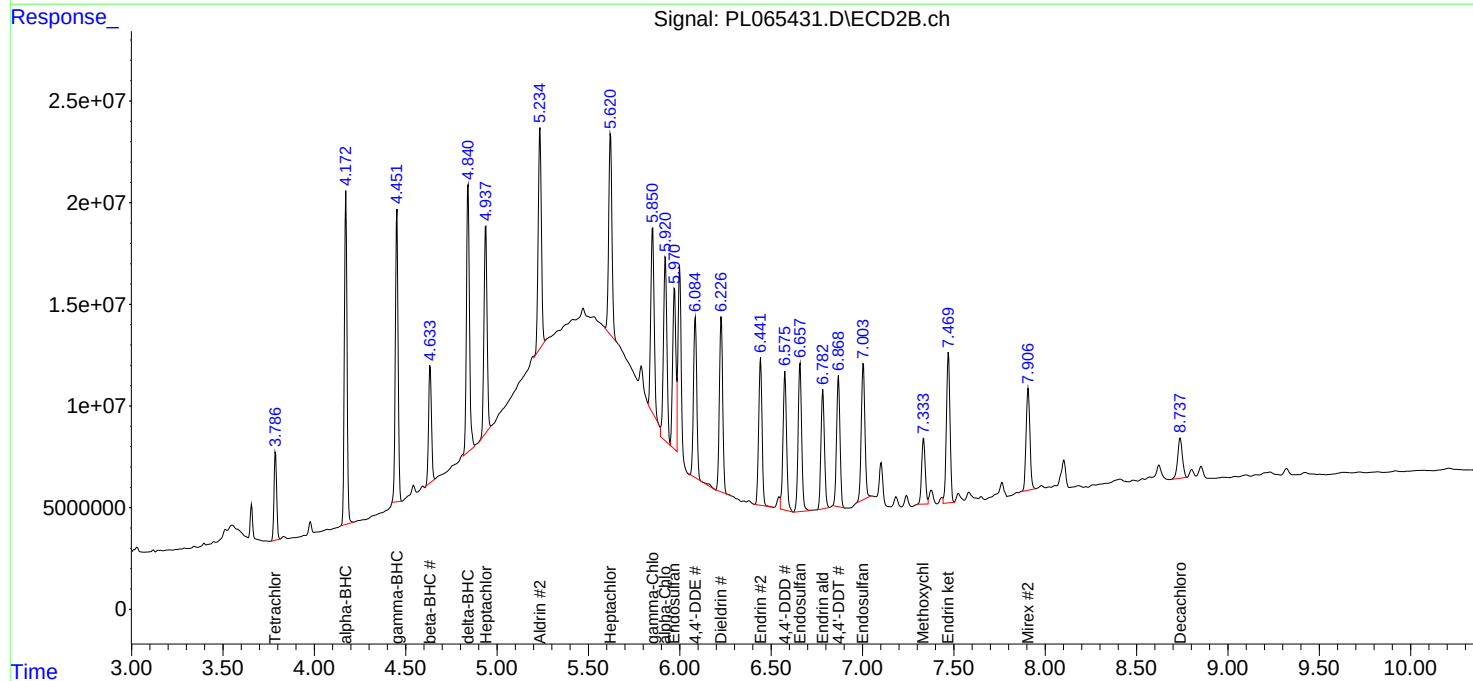
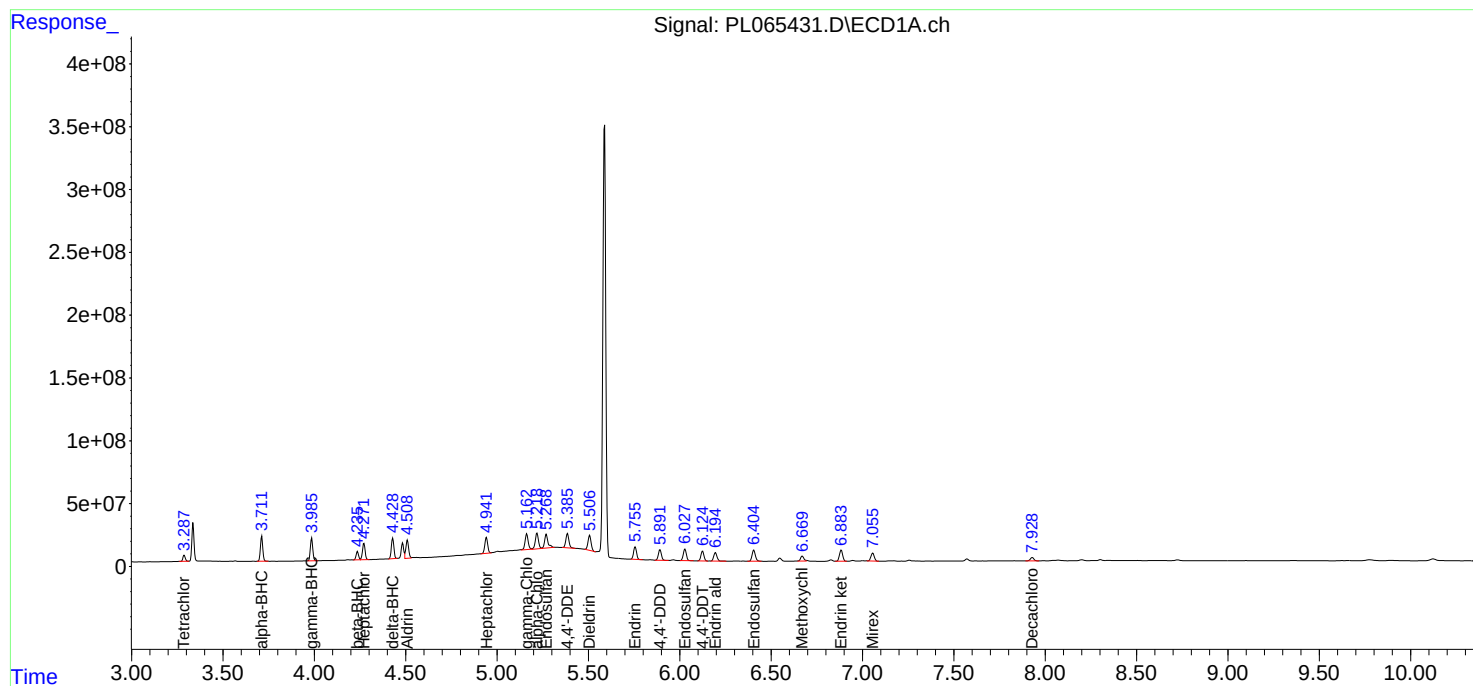
Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

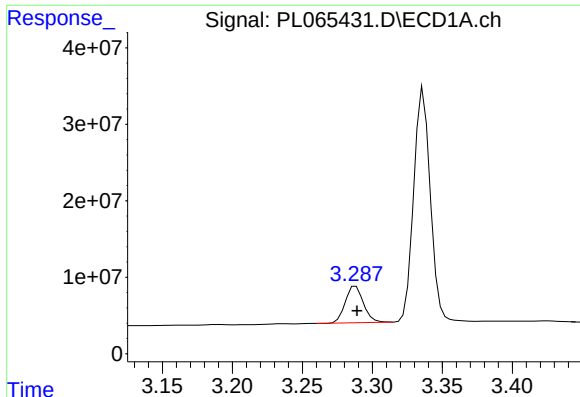
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 14:03:38 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
Quant Title : GC Extractables
QLast Update : Fri Mar 19 02:14:11 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





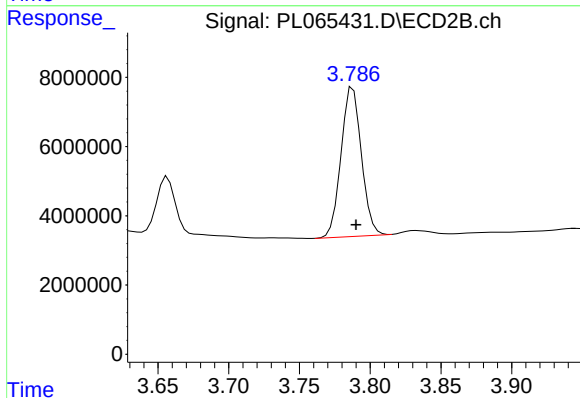
#1 Tetrachloro-m-xylene

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 43121505
Conc: 18.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

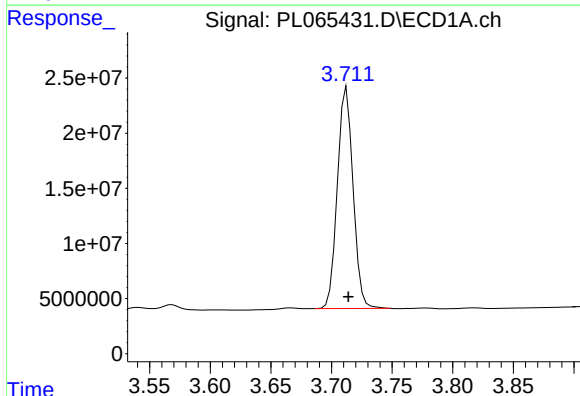
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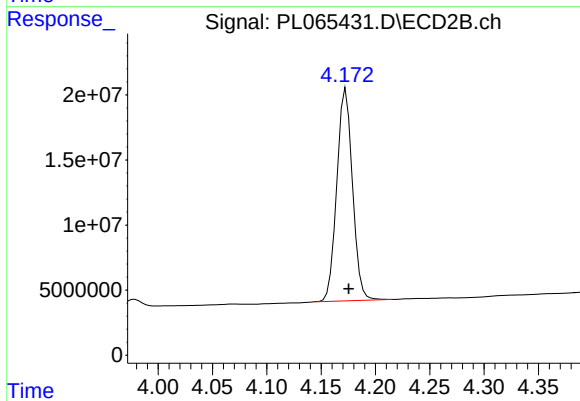
#1 Tetrachloro-m-xylene

R.T.: 3.788 min
Delta R.T.: -0.002 min
Response: 43259887
Conc: 15.76 ng/ml



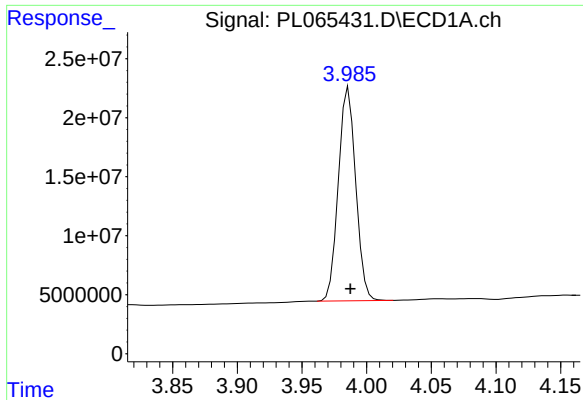
#2 alpha-BHC

R.T.: 3.713 min
Delta R.T.: -0.001 min
Response: 180630148
Conc: 48.31 ng/ml



#2 alpha-BHC

R.T.: 4.173 min
Delta R.T.: -0.003 min
Response: 163781443
Conc: 40.30 ng/ml



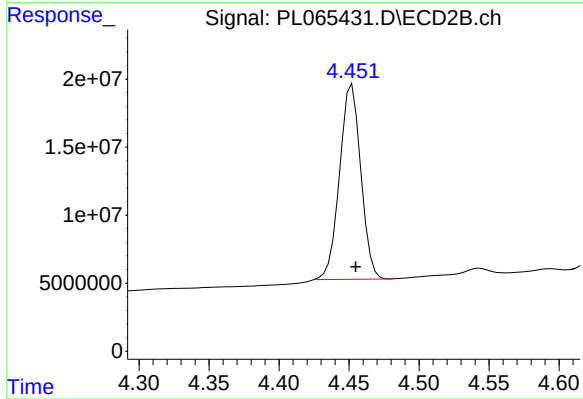
#3 gamma-BHC (Lindane)

R.T.: 3.986 min
Delta R.T.: -0.001 min
Response: 168918687
Conc: 49.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

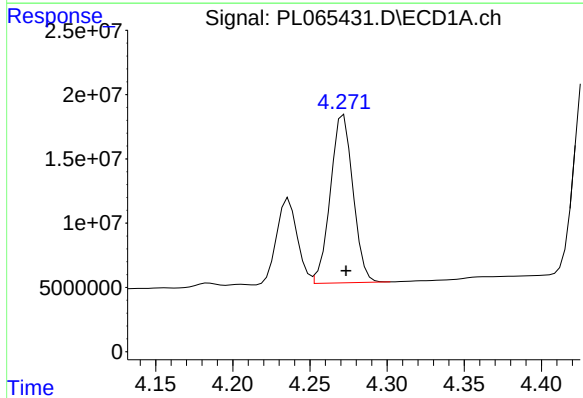
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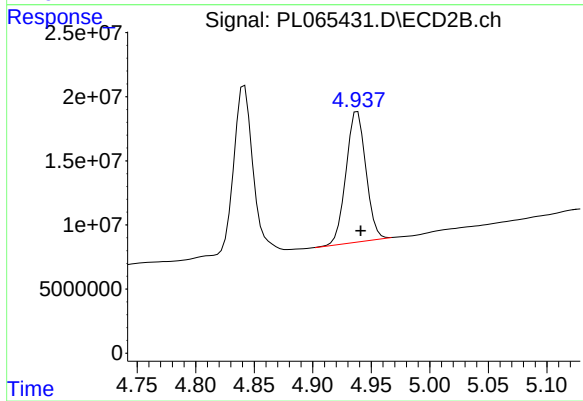
#3 gamma-BHC (Lindane)

R.T.: 4.452 min
Delta R.T.: -0.002 min
Response: 151101058
Conc: 41.38 ng/ml



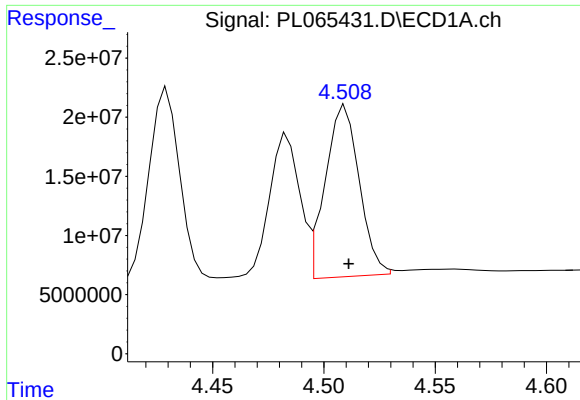
#4 Heptachlor

R.T.: 4.272 min
Delta R.T.: -0.002 min
Response: 133279841
Conc: 40.72 ng/ml



#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: -0.003 min
Response: 119691587
Conc: 35.89 ng/ml



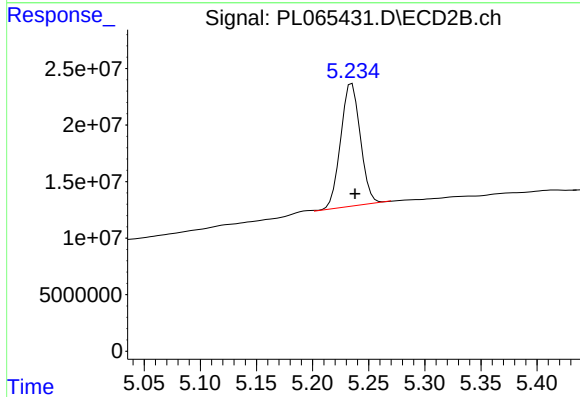
#5 Aldrin

R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 149435487
Conc: 47.16 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

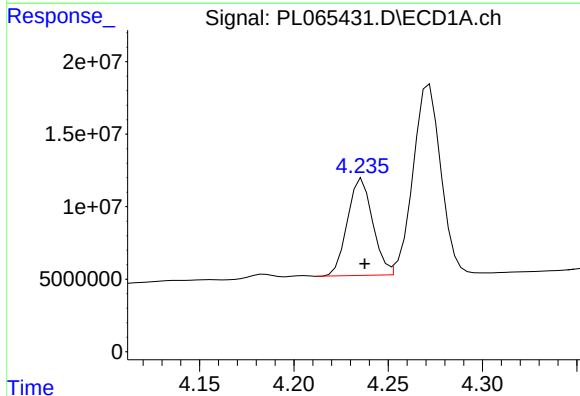
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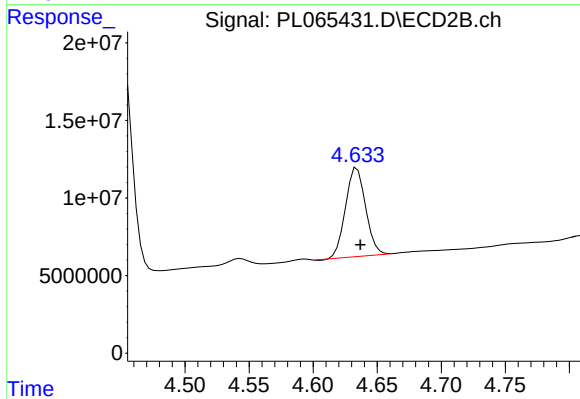
#5 Aldrin

R.T.: 5.234 min
Delta R.T.: -0.004 min
Response: 132283804
Conc: 40.39 ng/ml m



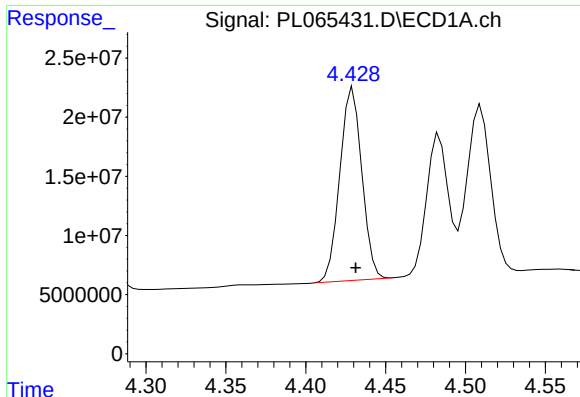
#6 beta-BHC

R.T.: 4.236 min
Delta R.T.: -0.001 min
Response: 62137382
Conc: 43.94 ng/ml



#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.003 min
Response: 62176453
Conc: 36.09 ng/ml



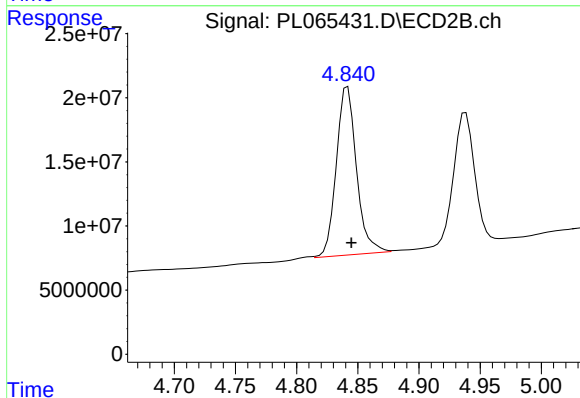
#7 delta-BHC

R.T.: 4.430 min
Delta R.T.: -0.002 min
Response: 156306439
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

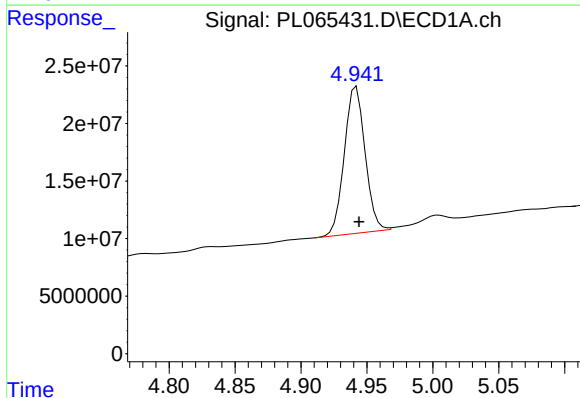
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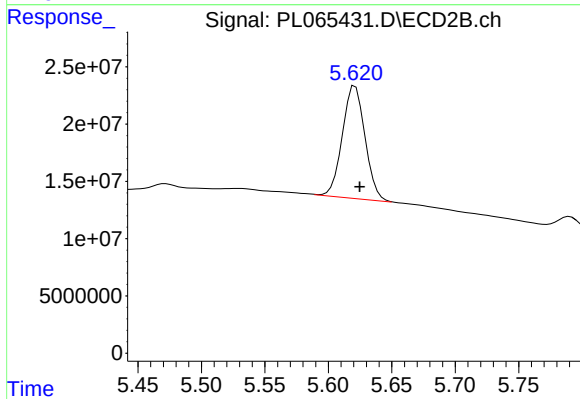
#7 delta-BHC

R.T.: 4.840 min
Delta R.T.: -0.004 min
Response: 150550931
Conc: 50.38 ng/ml m



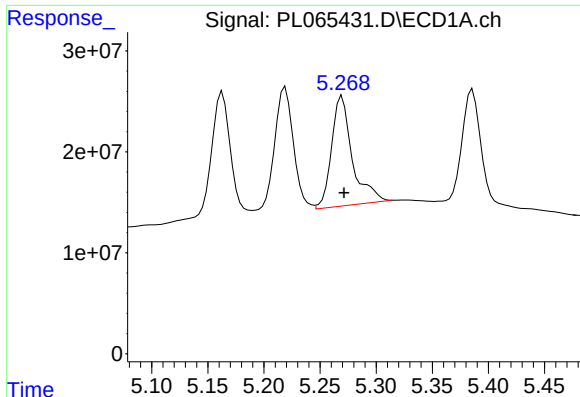
#8 Heptachlor epoxide

R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 139286384
Conc: 47.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.620 min
Delta R.T.: -0.005 min
Response: 122416799
Conc: 42.35 ng/ml m



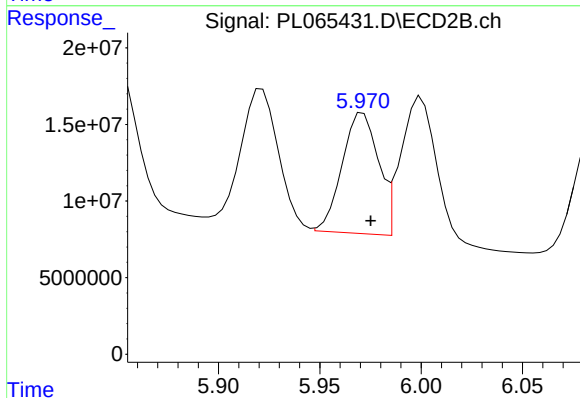
#9 Endosulfan I

R.T.: 5.270 min
Delta R.T.: -0.002 min
Response: 144408795
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

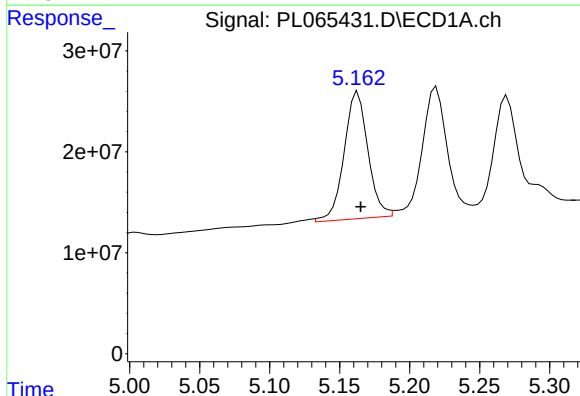
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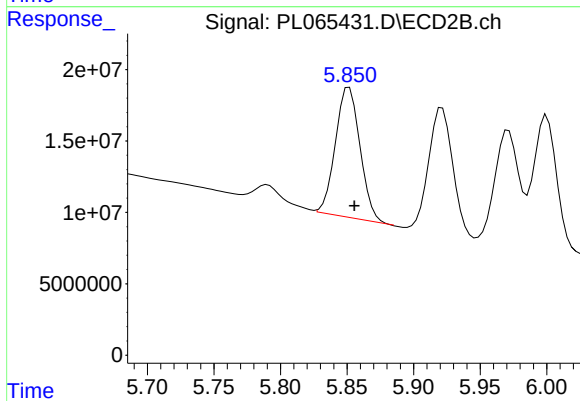
#9 Endosulfan I

R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 97756796
Conc: 37.13 ng/ml



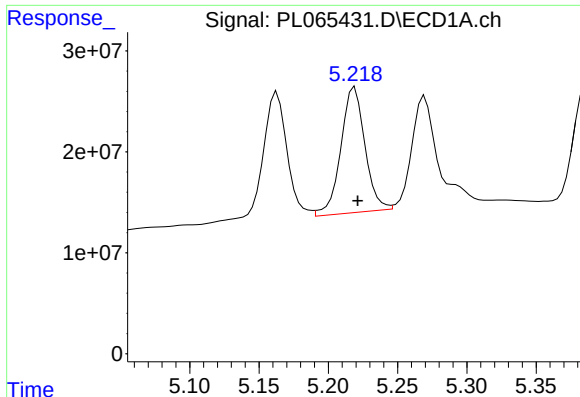
#10 gamma-Chlordane

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 148866327
Conc: 50.42 ng/ml m



#10 gamma-Chlordane

R.T.: 5.850 min
Delta R.T.: -0.005 min
Response: 116674164
Conc: 41.81 ng/ml m



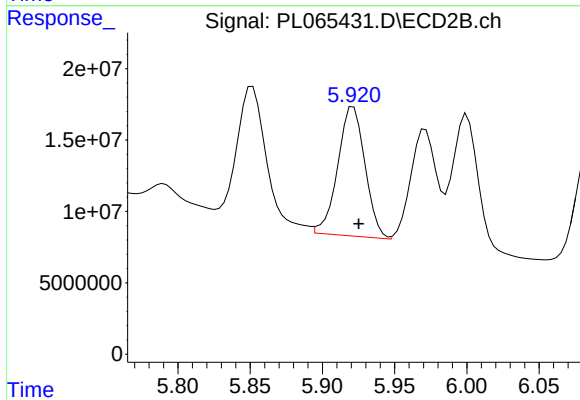
#11 alpha-Chlordane

R.T.: 5.219 min
Delta R.T.: -0.002 min
Response: 150438624
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

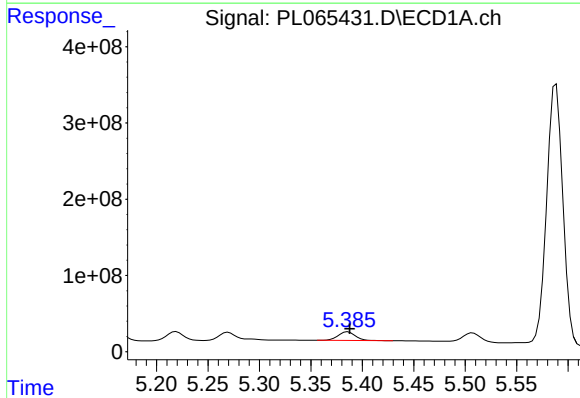
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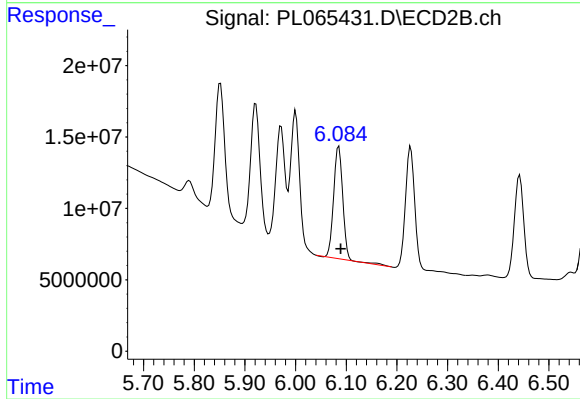
#11 alpha-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.004 min
Response: 118980125
Conc: 42.87 ng/ml



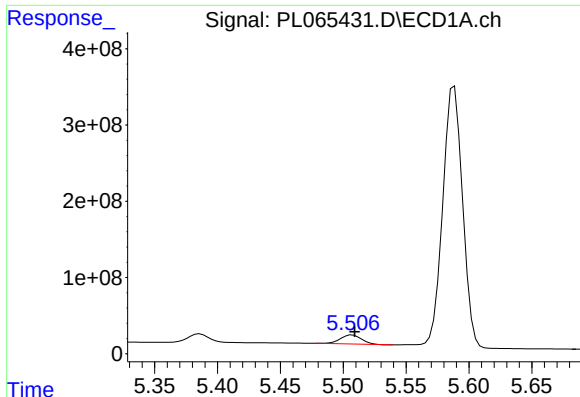
#12 4,4'-DDE

R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 131521296
Conc: 49.98 ng/ml



#12 4,4'-DDE

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 98404953
Conc: 39.51 ng/ml



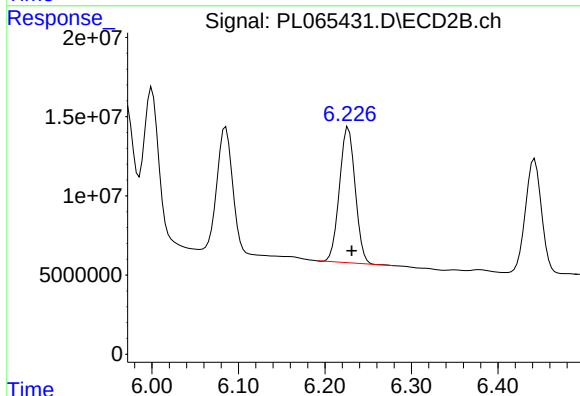
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 141320851
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

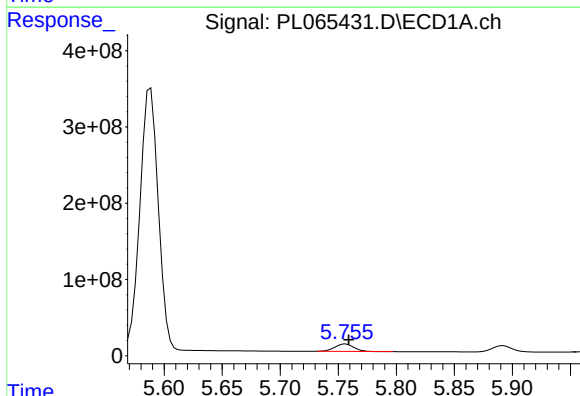
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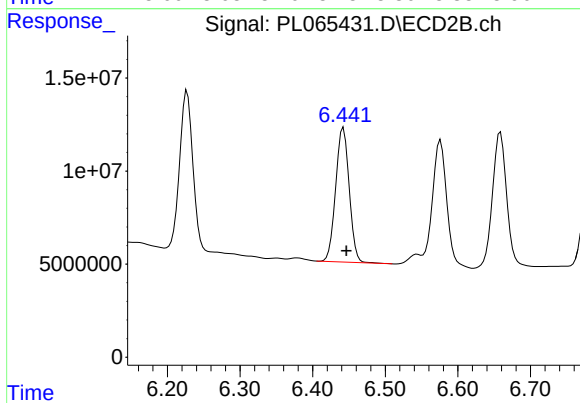
#13 Dieldrin

R.T.: 6.227 min
Delta R.T.: -0.004 min
Response: 107179479
Conc: 39.40 ng/ml



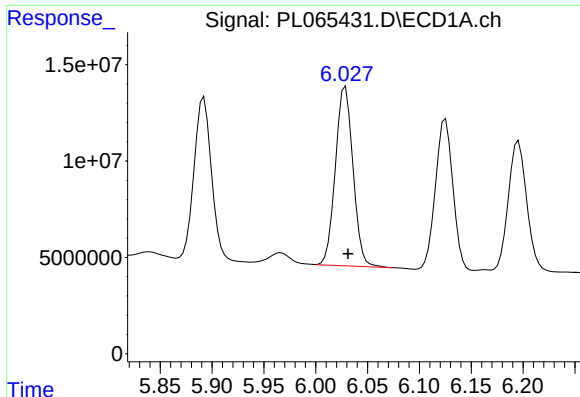
#14 Endrin

R.T.: 5.756 min
Delta R.T.: -0.002 min
Response: 111642064
Conc: 44.71 ng/ml



#14 Endrin

R.T.: 6.442 min
Delta R.T.: -0.004 min
Response: 93349322
Conc: 42.26 ng/ml



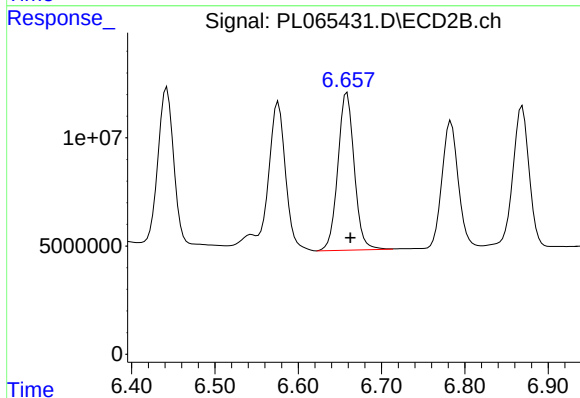
#15 Endosulfan II

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 109653287
Conc: 44.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMS

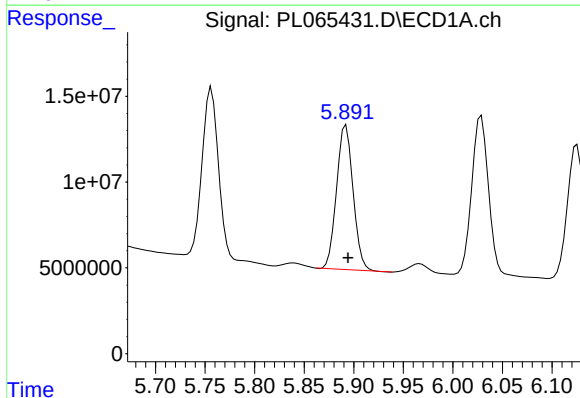
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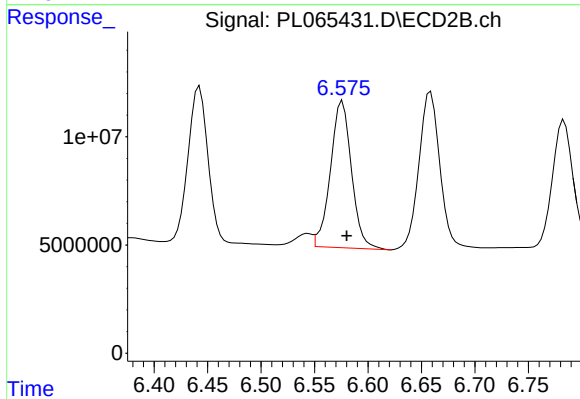
#15 Endosulfan II

R.T.: 6.659 min
Delta R.T.: -0.004 min
Response: 99461710
Conc: 44.06 ng/ml



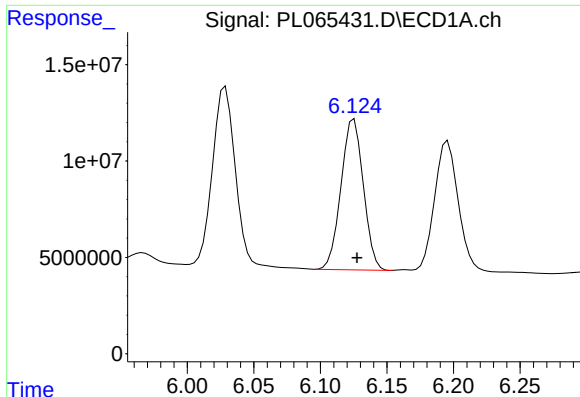
#16 4,4'-DDD

R.T.: 5.892 min
Delta R.T.: -0.002 min
Response: 97553614
Conc: 44.14 ng/ml



#16 4,4'-DDD

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 93021686
Conc: 42.29 ng/ml



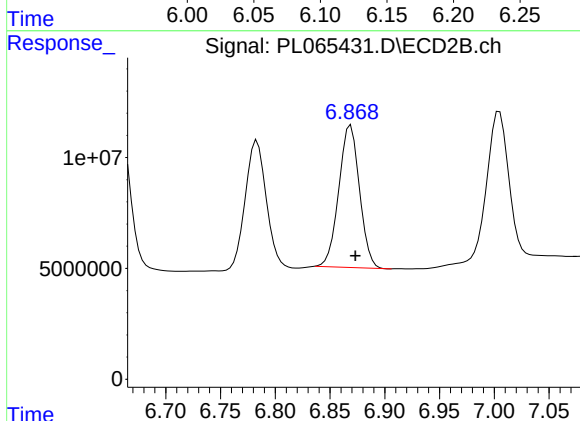
#17 4,4'-DDT

R.T.: 6.125 min
Delta R.T.: -0.002 min
Response: 91487990
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

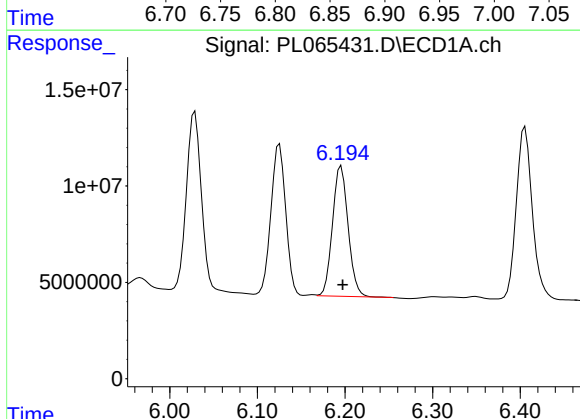
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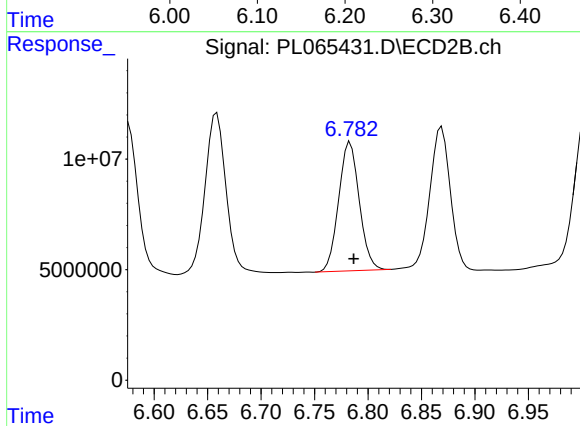
#17 4,4'-DDT

R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 84334707
Conc: 42.97 ng/ml



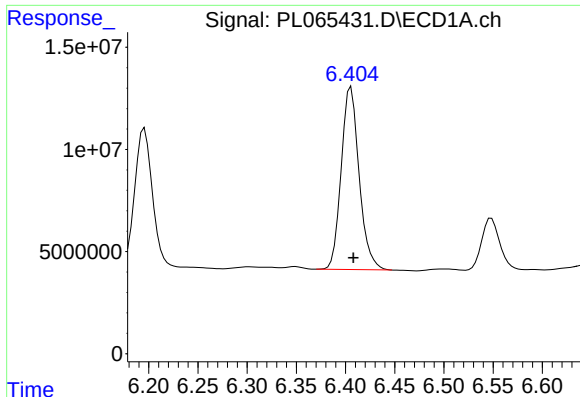
#18 Endrin aldehyde

R.T.: 6.196 min
Delta R.T.: -0.002 min
Response: 83797499
Conc: 43.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.783 min
Delta R.T.: -0.003 min
Response: 78278496
Conc: 44.68 ng/ml



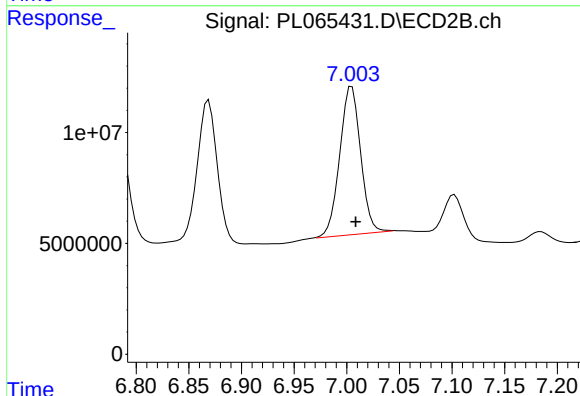
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: -0.003 min
Response: 113141126
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

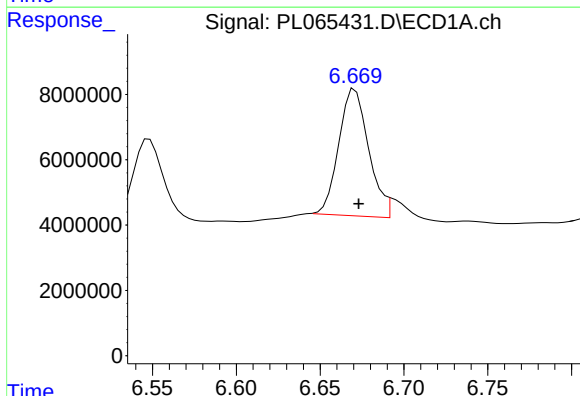
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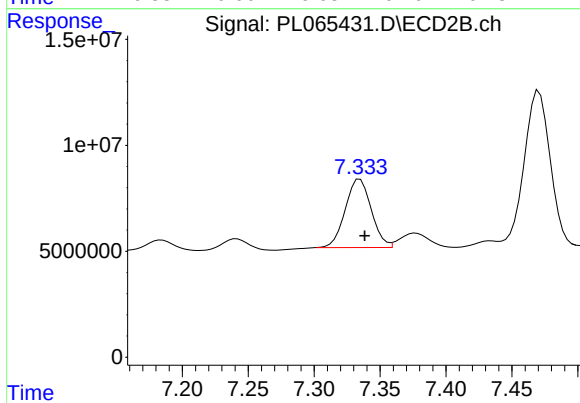
#19 Endosulfan Sulfate

R.T.: 7.003 min
Delta R.T.: -0.005 min
Response: 92771941
Conc: 42.29 ng/ml m



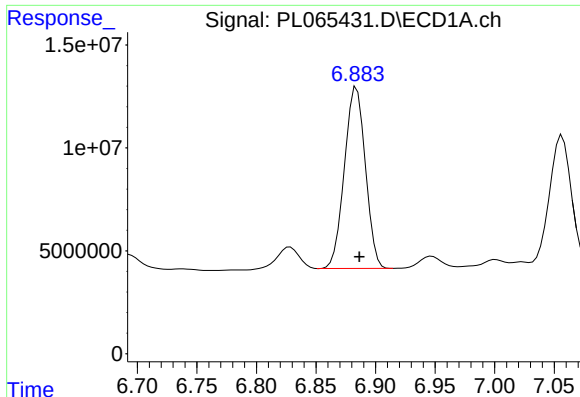
#20 Methoxychlor

R.T.: 6.669 min
Delta R.T.: -0.004 min
Response: 47462328
Conc: 41.40 ng/ml m



#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: -0.004 min
Response: 44347550
Conc: 42.46 ng/ml



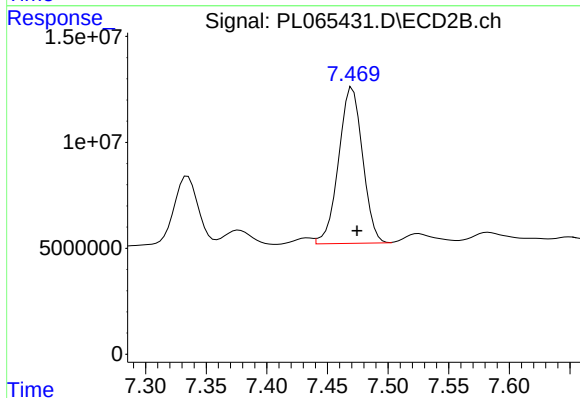
#21 Endrin ketone

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 107942258
Conc: 40.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

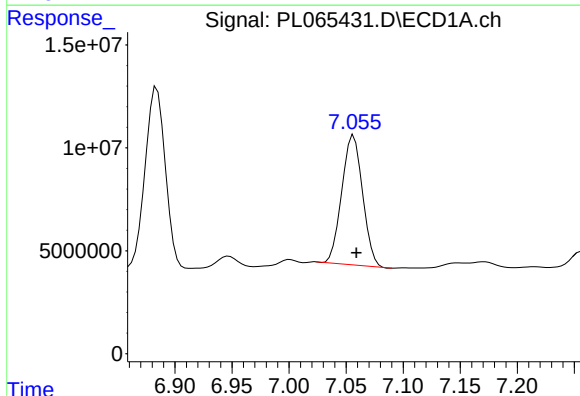
Manual Integrations
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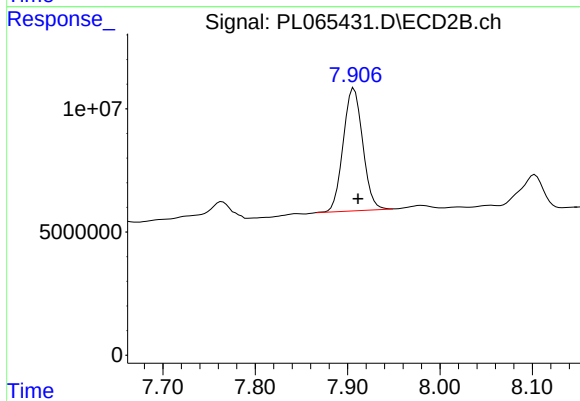
#21 Endrin ketone

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 101172389
Conc: 42.88 ng/ml



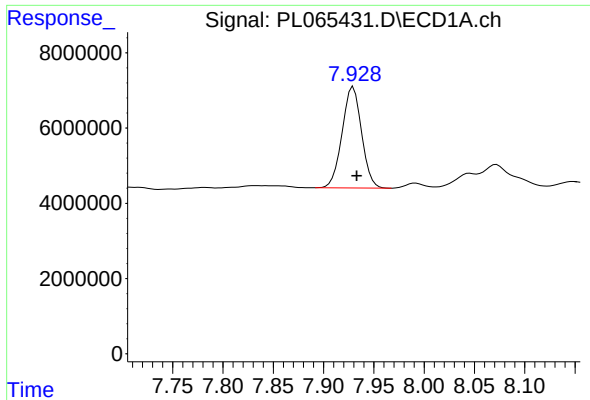
#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 79984725
Conc: 39.28 ng/ml



#22 Mirex

R.T.: 7.907 min
Delta R.T.: -0.004 min
Response: 73170202
Conc: 43.96 ng/ml



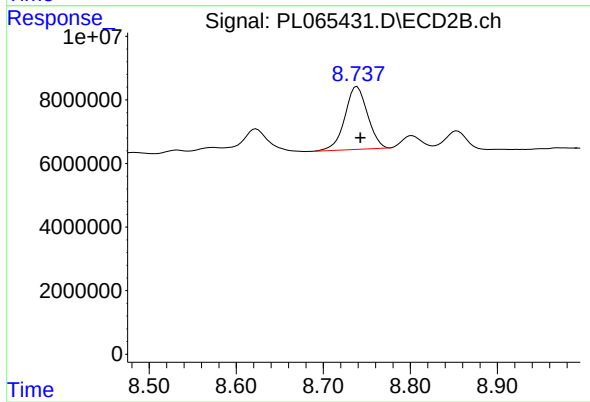
#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: -0.003 min
Response: 36180783
Conc: 14.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES

Manual Integrations
APPROVED

Ankita
3/22/2021 11:16:17 AM



#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.004 min
Response: 35659145
Conc: 17.99 ng/ml