

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090921\
 Data File : PD065645.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2021 16:37
 Operator : AR\AJ
 Sample : M3655-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CON-GROWSMS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 01:38:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 09 15:08:21 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.494	4.013	19667953	165.5E6	20.069	22.581
28)	SA Decachlor...	8.238	9.086	31597899	109.9E6	18.327	20.587
Target Compounds							
2)	A alpha-BHC	3.934	4.408	68789434	543.9E6	47.748	51.415
3)	MA gamma-BHC...	4.217	4.694	66512754	504.4E6	46.080	51.187
4)	MA Heptachlor	4.514	5.198	78883386	451.3E6	51.975	49.635
5)	MB Aldrin	4.763	5.504	64482926	411.8E6	45.122	48.810
6)	B beta-BHC	4.465	4.870	33024106	226.6E6	45.316	48.673
7)	B delta-BHC	4.669	5.085	70931939	527.4E6	47.563	56.717m
8)	B Heptachlo...	5.205	5.893	65712502	336.2E6	45.052	46.685
9)	A Endosulfan I	5.543	6.251	64072081	338.5E6	45.201	48.069
10)	B gamma-Chl...	5.430	6.127	68850524	366.5E6	45.078	48.809
11)	B alpha-Chl...	5.488	6.198	68108865	355.0E6	45.245	48.196
12)	B 4,4'-DDE	5.651	6.356	64585117	357.4E6	45.294	49.466
13)	MA Dieldrin	5.787	6.509	71694120	372.1E6	46.330	49.316
14)	MA Endrin	6.044	6.728	64477184	319.1E6	46.893	53.496
15)	B Endosulfa...	6.317	6.942	63170269	311.4E6	43.983	48.574
16)	A 4,4'-DDD	6.166	6.851	57314558	299.5E6	44.957	47.976
17)	MA 4,4'-DDT	6.406	7.149	62304966	297.4E6	45.267	48.822
18)	B Endrin al...	6.485	7.066	56225732	273.1E6	44.577	49.994
19)	B Endosulfa...	6.696	7.288	68153113	320.0E6	44.108	50.052
20)	A Methoxychlor	6.952	7.608	37077622	163.3E6	44.218	50.174
21)	B Endrin ke...	7.191	7.762	79960682	357.2E6	43.005	47.214
22)	Mirex	7.375	8.211	62863972	235.2E6	40.099	44.462

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090921\
Data File : PD065645.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2021 16:37
Operator : AR\AJ
Sample : M3655-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

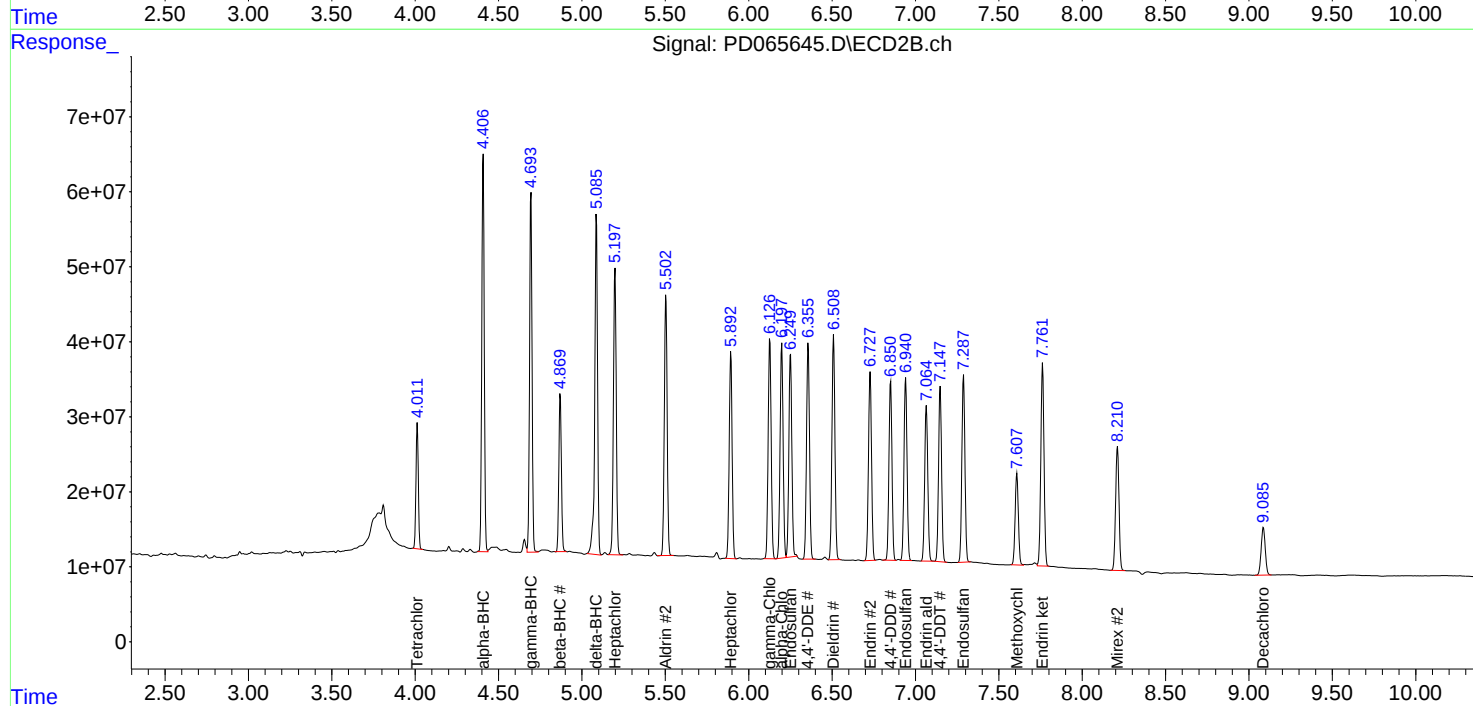
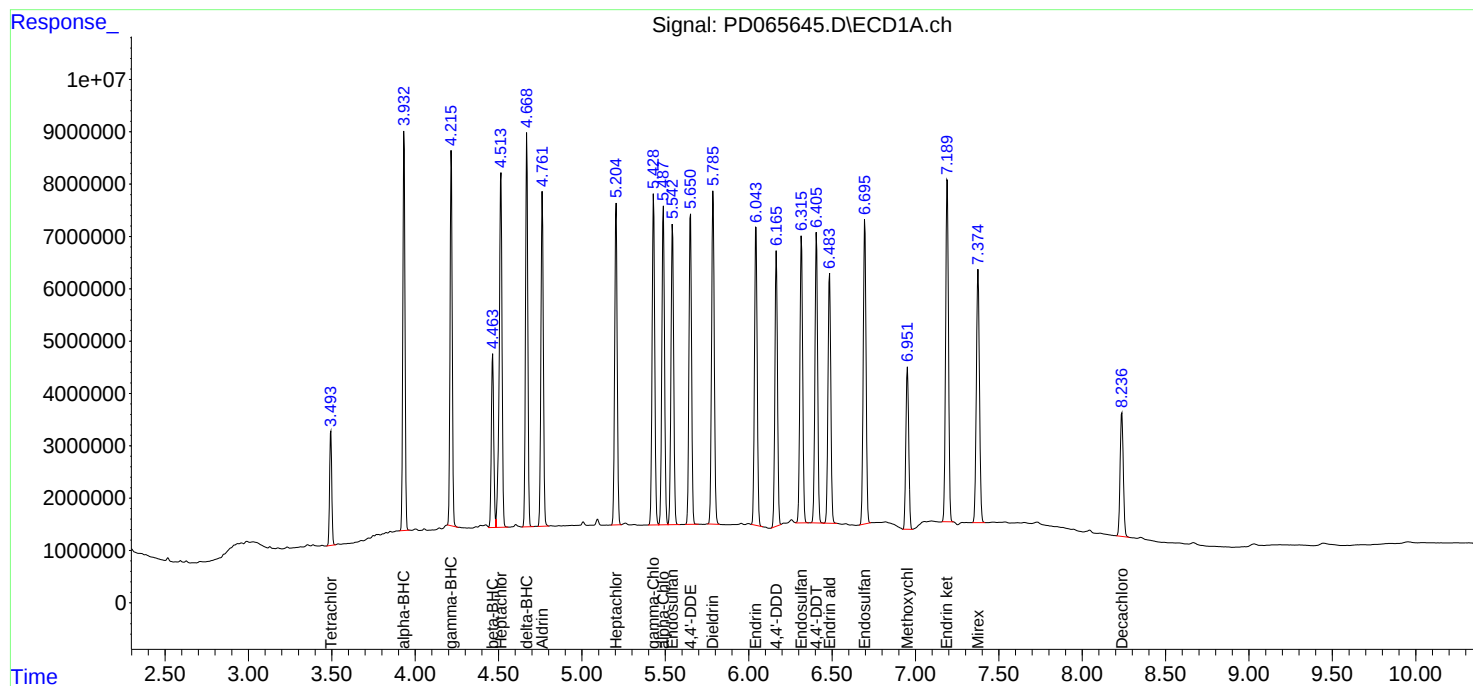
Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

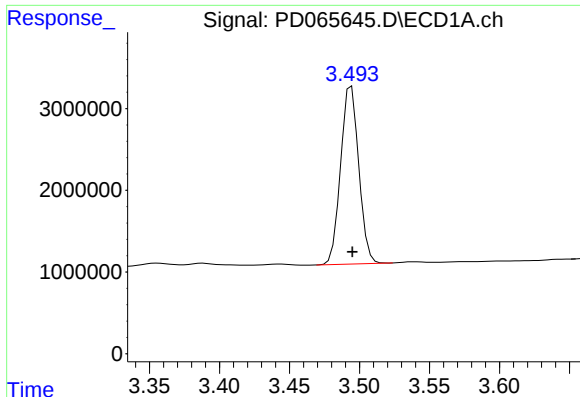
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 01:38:14 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Thu Sep 09 15:08:21 2021
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Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





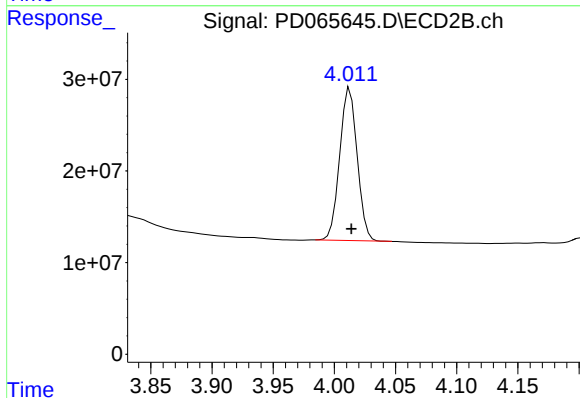
#1 Tetrachloro-m-xylene

R.T.: 3.494 min
Delta R.T.: 0.000 min
Response: 19667953
Conc: 20.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

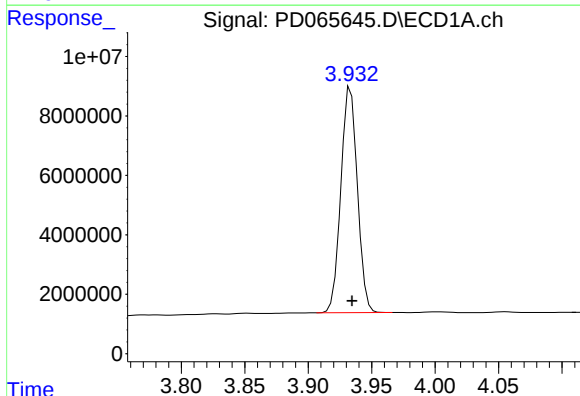
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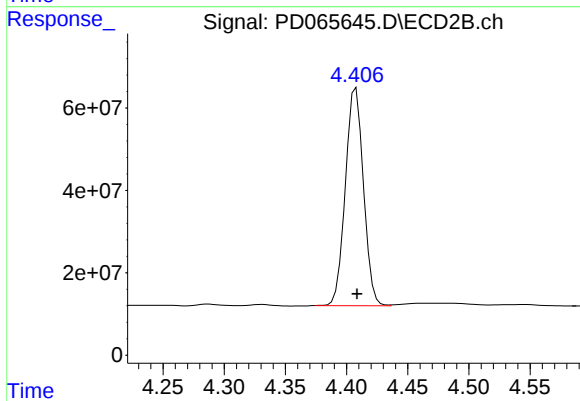
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 165506804
Conc: 22.58 ng/ml



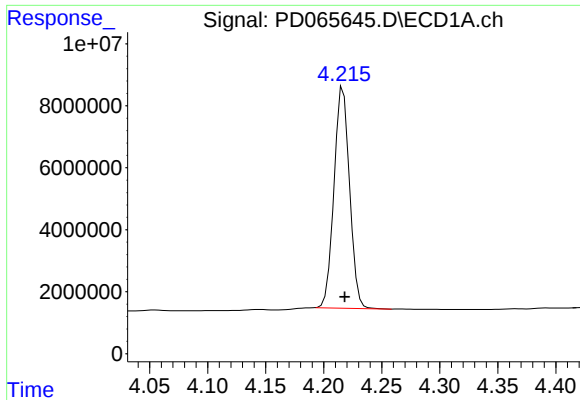
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: -0.001 min
Response: 68789434
Conc: 47.75 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: -0.001 min
Response: 543900378
Conc: 51.42 ng/ml



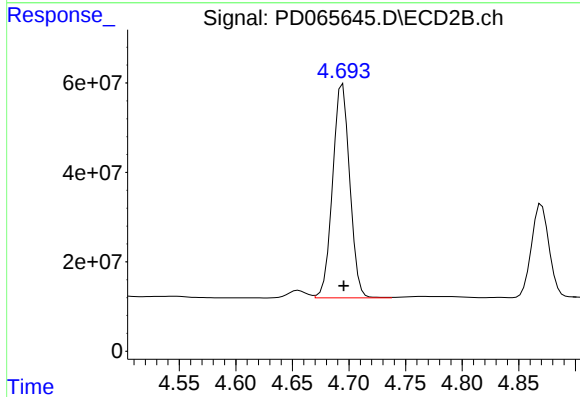
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: -0.001 min
Response: 66512754
Conc: 46.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

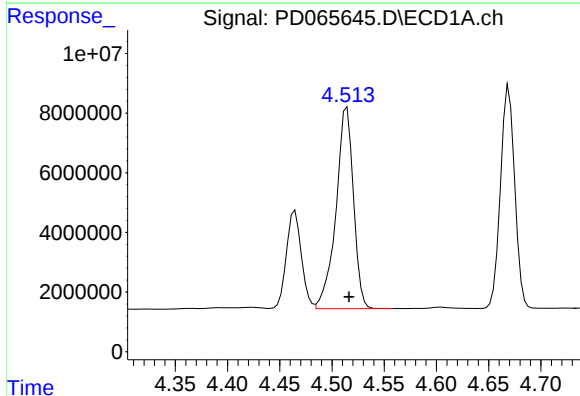
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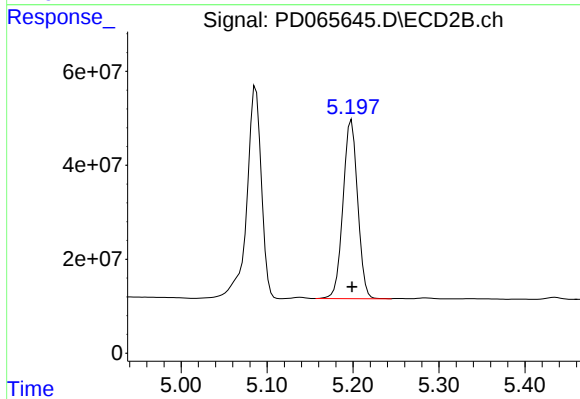
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 504396058
Conc: 51.19 ng/ml



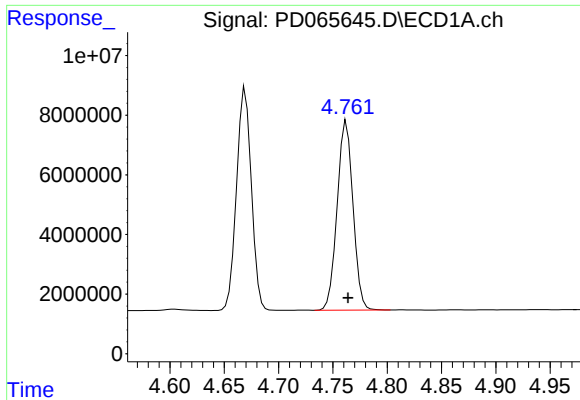
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 78883386
Conc: 51.97 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 451301814
Conc: 49.64 ng/ml



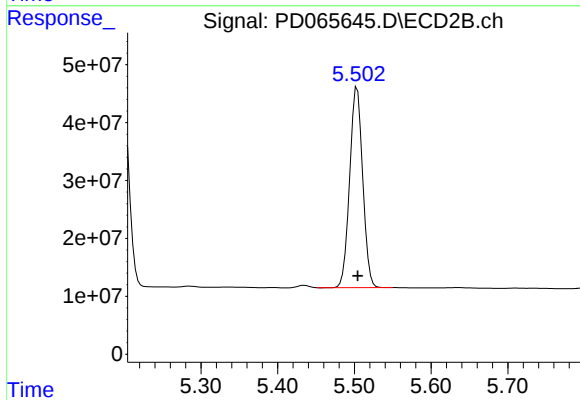
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: -0.001 min
Response: 64482926
Conc: 45.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

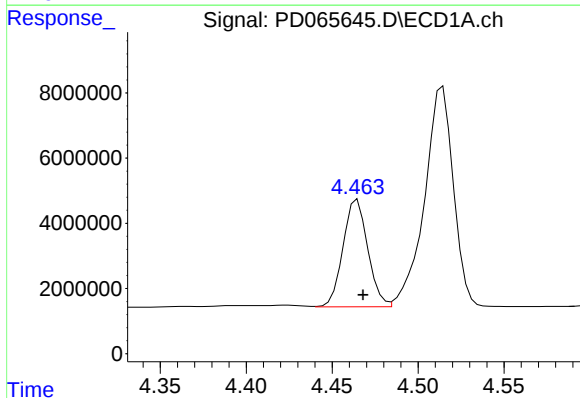
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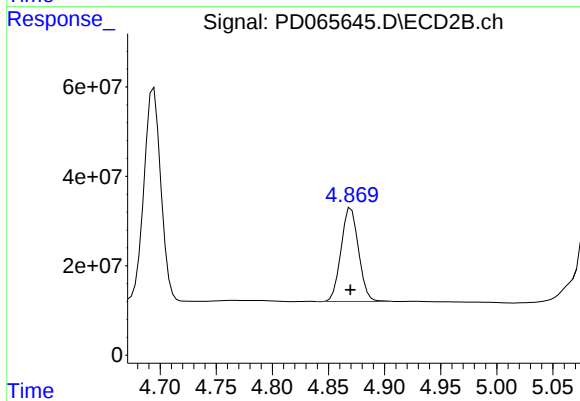
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 411808182
Conc: 48.81 ng/ml



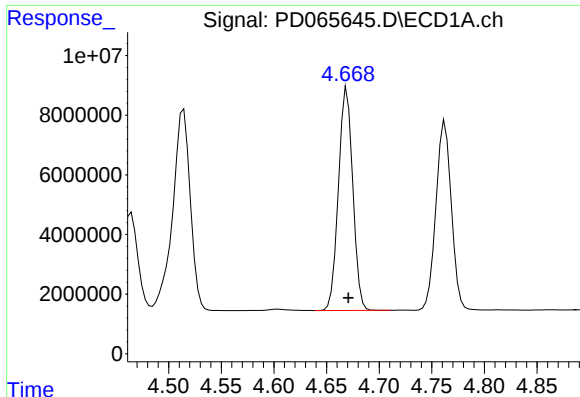
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 33024106
Conc: 45.32 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 226591032
Conc: 48.67 ng/ml



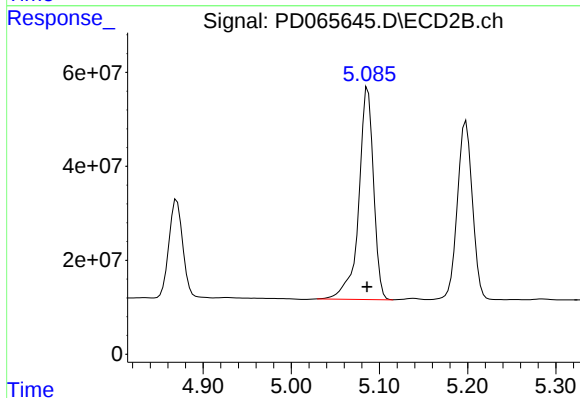
#7 delta-BHC

R.T.: 4.669 min
Delta R.T.: -0.001 min
Response: 70931939
Conc: 47.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

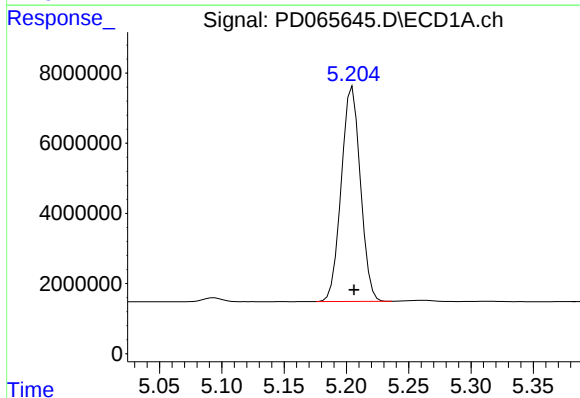
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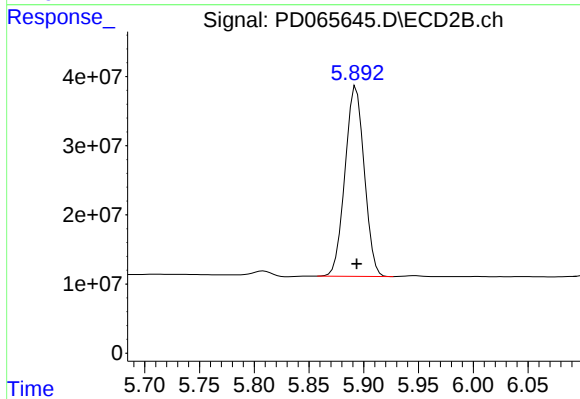
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 527357381
Conc: 56.72 ng/ml m



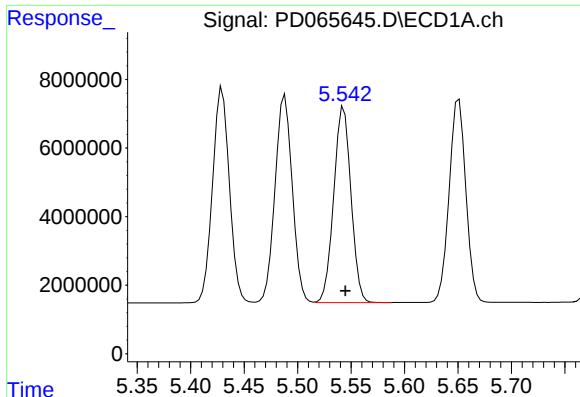
#8 Heptachlor epoxide

R.T.: 5.205 min
Delta R.T.: -0.001 min
Response: 65712502
Conc: 45.05 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 336235525
Conc: 46.68 ng/ml



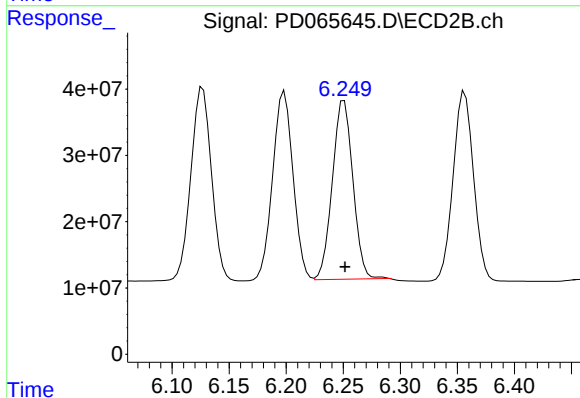
#9 Endosulfan I

R.T.: 5.543 min
Delta R.T.: -0.001 min
Response: 64072081
Conc: 45.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

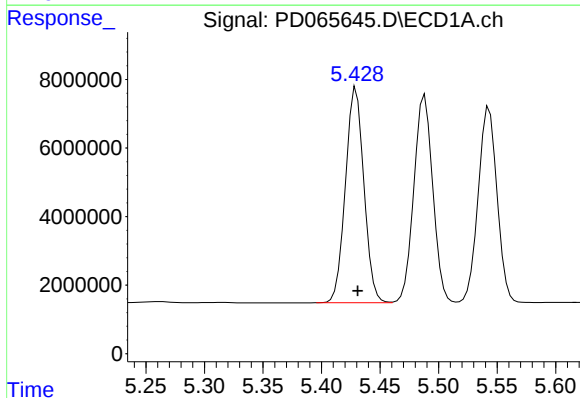
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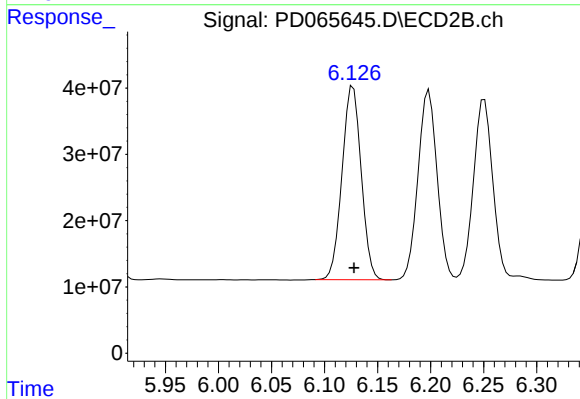
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 338544561
Conc: 48.07 ng/ml



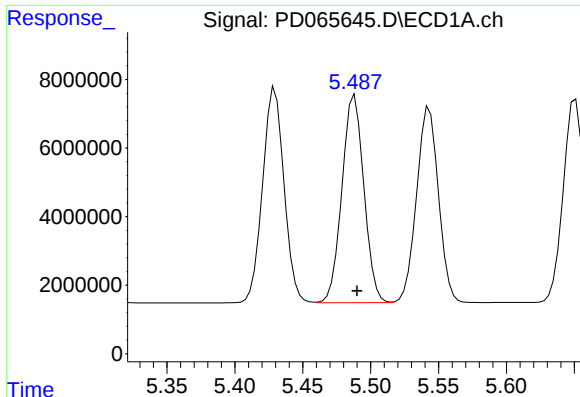
#10 gamma-Chlordane

R.T.: 5.430 min
Delta R.T.: -0.001 min
Response: 68850524
Conc: 45.08 ng/ml



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 366520486
Conc: 48.81 ng/ml



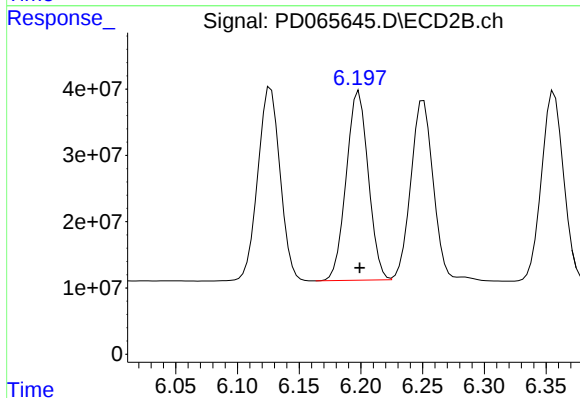
#11 alpha-Chlordane

R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 68108865
Conc: 45.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

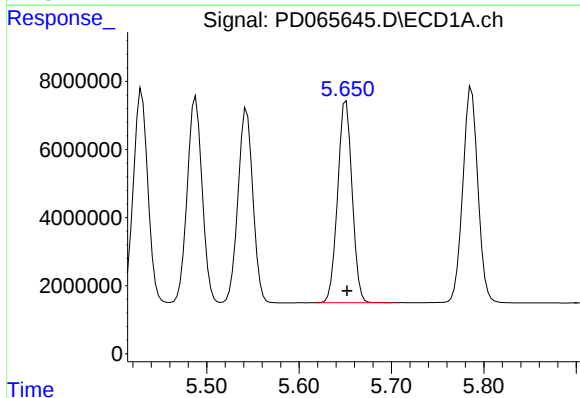
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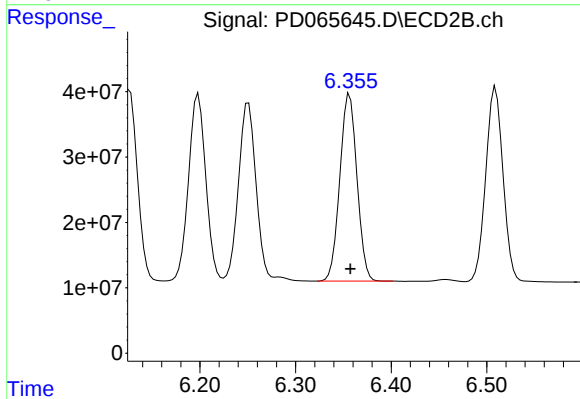
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 354960629
Conc: 48.20 ng/ml



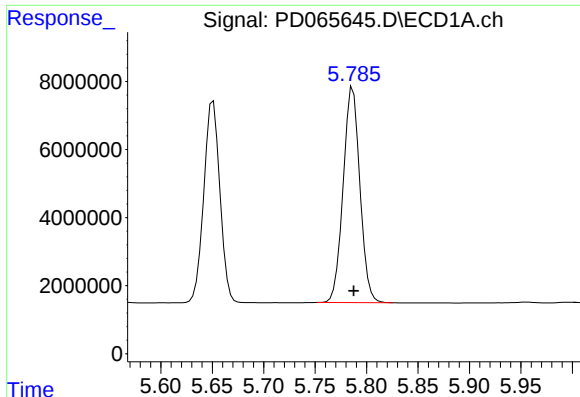
#12 4,4'-DDE

R.T.: 5.651 min
Delta R.T.: -0.001 min
Response: 64585117
Conc: 45.29 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 357384272
Conc: 49.47 ng/ml



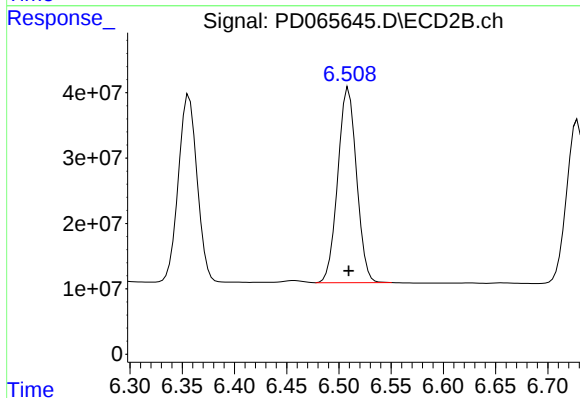
#13 Dieldrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 71694120
Conc: 46.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

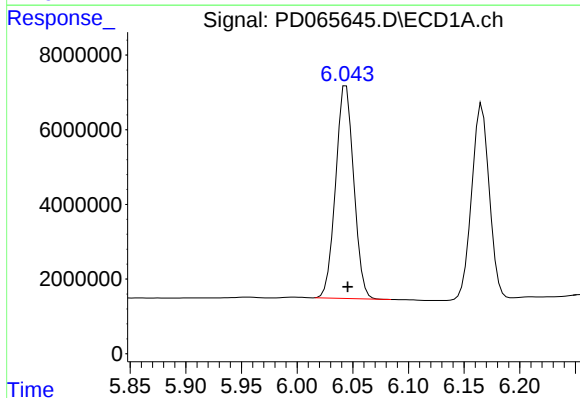
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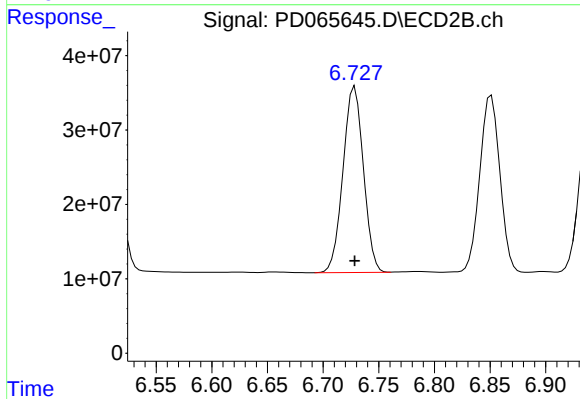
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 372060836
Conc: 49.32 ng/ml



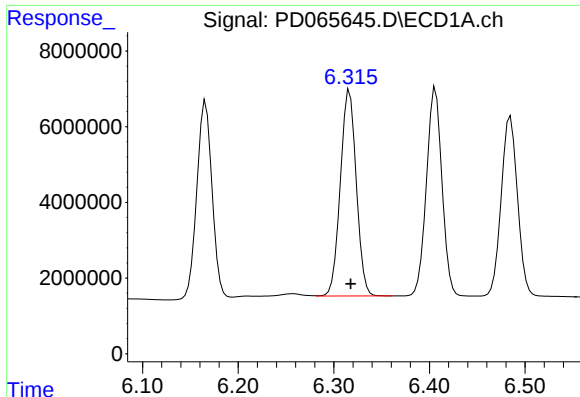
#14 Endrin

R.T.: 6.044 min
Delta R.T.: -0.001 min
Response: 64477184
Conc: 46.89 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 319122666
Conc: 53.50 ng/ml



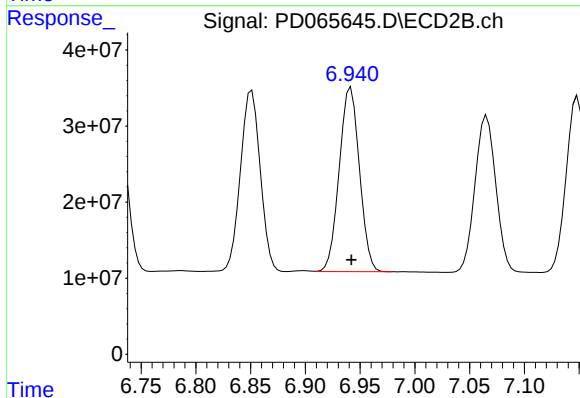
#15 Endosulfan II

R.T.: 6.317 min
Delta R.T.: -0.001 min
Response: 63170269
Conc: 43.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

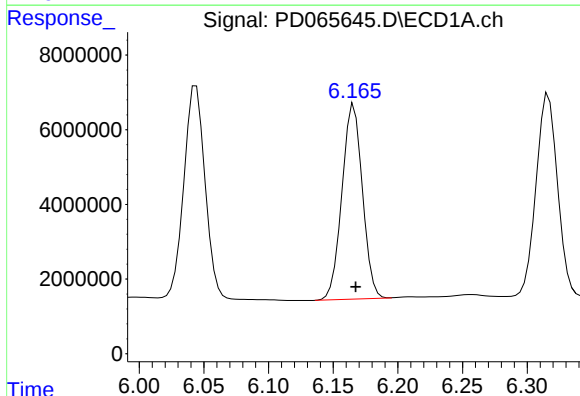
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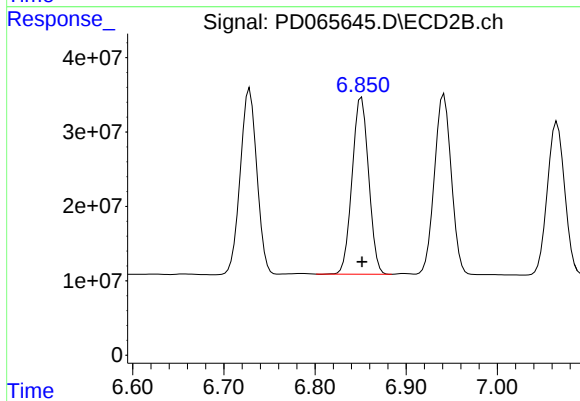
#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 311405665
Conc: 48.57 ng/ml



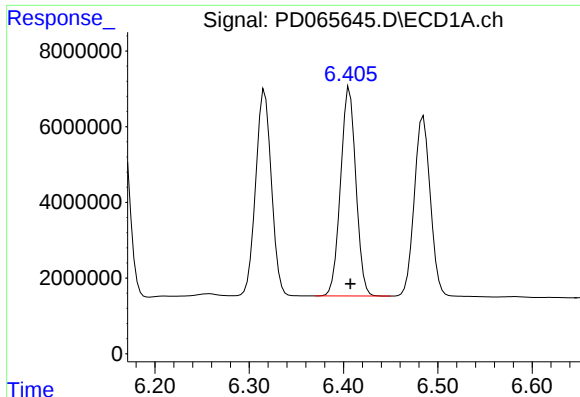
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: -0.001 min
Response: 57314558
Conc: 44.96 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 299486919
Conc: 47.98 ng/ml



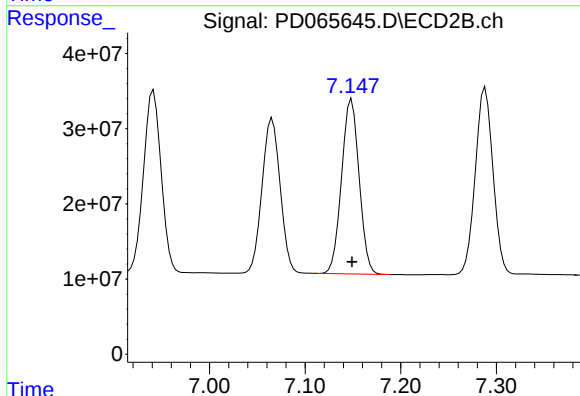
#17 4,4'-DDT

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 62304966
Conc: 45.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

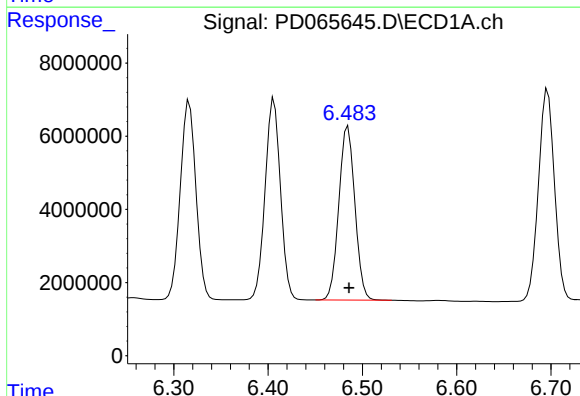
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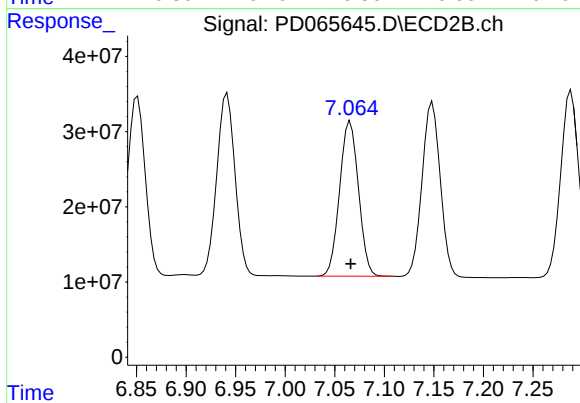
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 297387061
Conc: 48.82 ng/ml



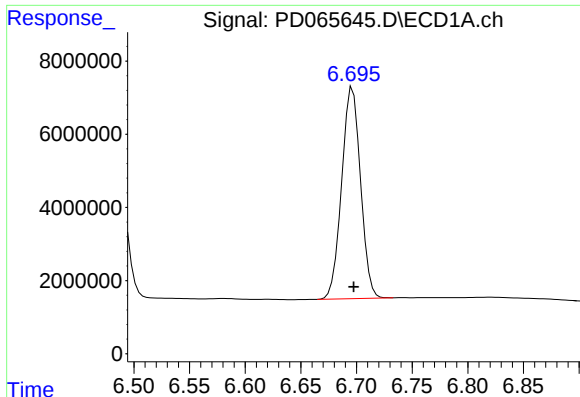
#18 Endrin aldehyde

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 56225732
Conc: 44.58 ng/ml



#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 273141196
Conc: 49.99 ng/ml



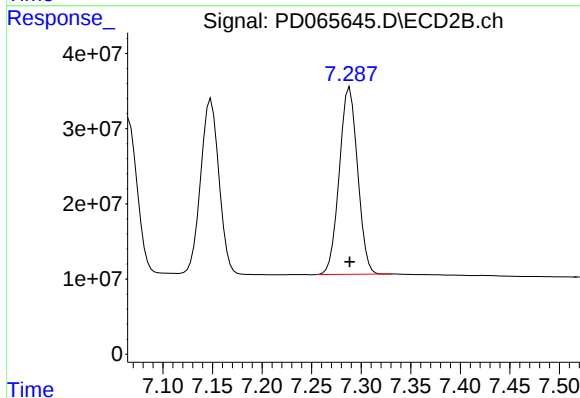
#19 Endosulfan Sulfate

R.T.: 6.696 min
Delta R.T.: -0.001 min
Response: 68153113
Conc: 44.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

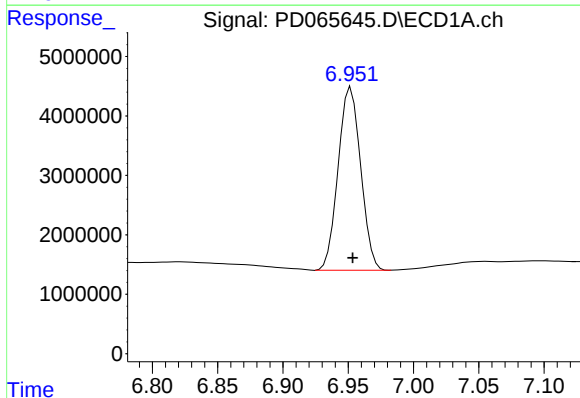
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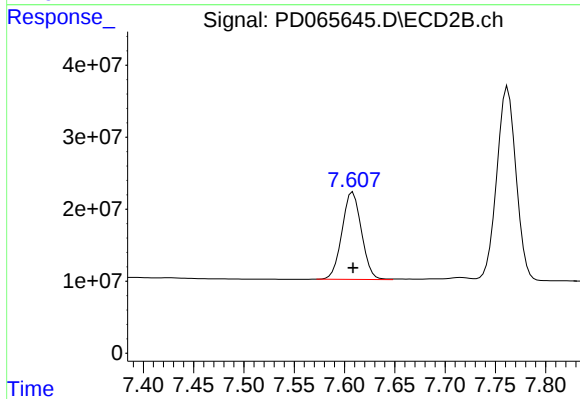
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 319961279
Conc: 50.05 ng/ml



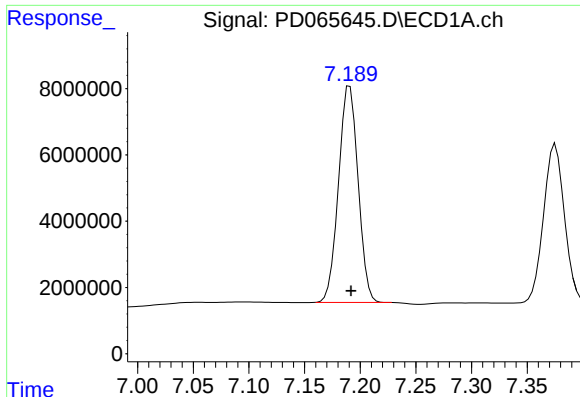
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: -0.001 min
Response: 37077622
Conc: 44.22 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 163317376
Conc: 50.17 ng/ml



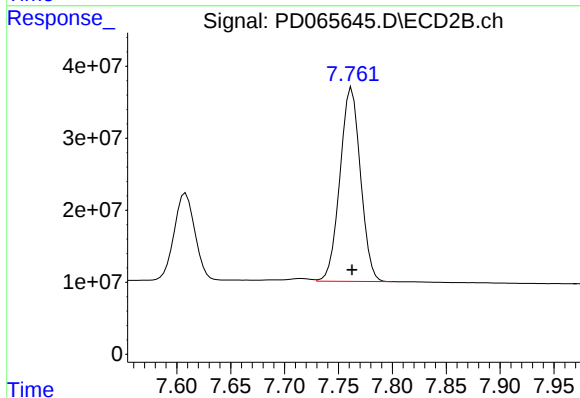
#21 Endrin ketone

R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 79960682
Conc: 43.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

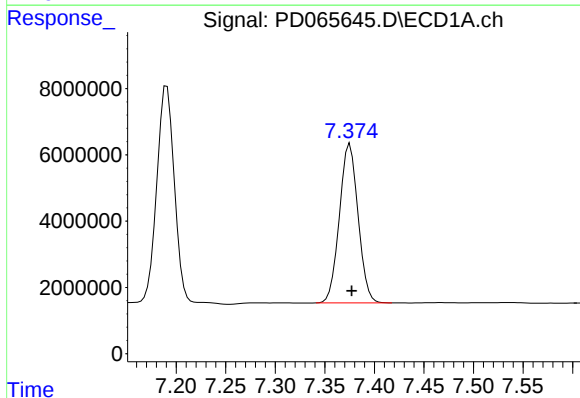
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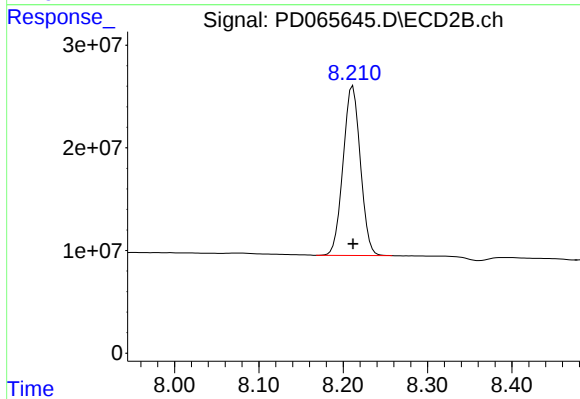
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 357181988
Conc: 47.21 ng/ml



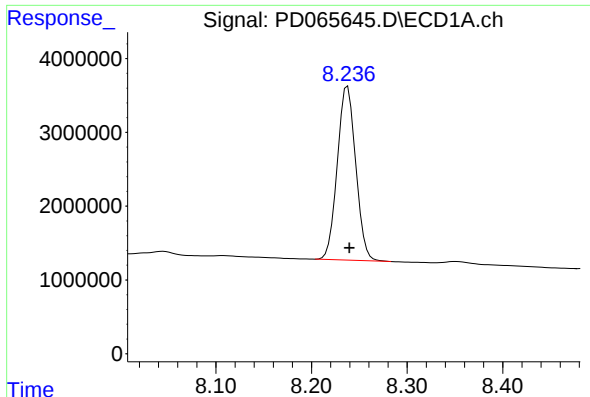
#22 Mirex

R.T.: 7.375 min
Delta R.T.: -0.002 min
Response: 62863972
Conc: 40.10 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 235162122
Conc: 44.46 ng/ml



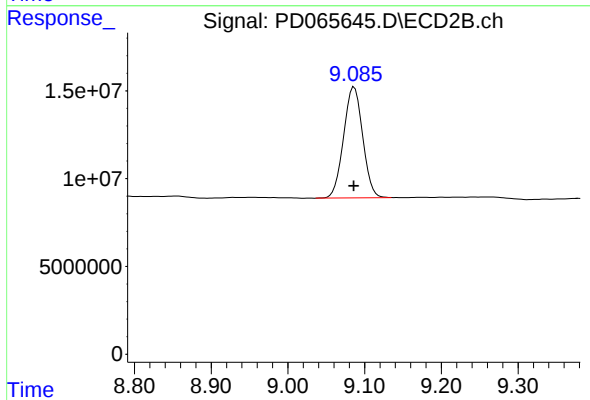
#28 Decachlorobiphenyl

R.T.: 8.238 min
Delta R.T.: -0.002 min
Response: 31597899
Conc: 18.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
CON-GROWSMS

Manual Integrations
APPROVED

mohammad
9/10/2021 10:55:43 AM



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 109851063
Conc: 20.59 ng/ml