

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112221\
 Data File : PD067057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2021 15:16
 Operator : AR\AJ
 Sample : PB140962BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB140962BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/23/2021
 Supervised By : Sohil Jodhani 11/23/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 04:55:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 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...	3.438	3.967	38741263	204.6E6	20.763	25.286
28)	SA Decachlor...	8.165	9.028	23324036	126.3E6	20.187	23.443
Target Compounds							
2)	A alpha-BHC	3.875	4.361	153.0E6	578.3E6	50.040	52.419
3)	MA gamma-BHC...	4.156	4.646	142.6E6	505.0E6	47.231	50.675
4)	MA Heptachlor	4.450	5.146	147.6E6	456.5E6	49.769	46.569
5)	MB Aldrin	4.695	5.450	145.9E6	427.2E6	50.631	47.057
6)	B beta-BHC	4.405	4.823	57977893	224.6E6	46.414	48.243
7)	B delta-BHC	4.607	5.038	138.1E6	471.9E6	51.364	51.627
8)	B Heptachlo...	5.136	5.839	131.9E6	387.2E6	51.011	53.427
9)	A Endosulfan I	5.473	6.196	121.1E6	385.9E6	50.994	48.940
10)	B gamma-Chl...	5.360	6.073	132.4E6	403.9E6	50.800	48.415
11)	B alpha-Chl...	5.418	6.144	129.8E6	403.9E6	50.570	48.689
12)	B 4,4'-DDE	5.582	6.305	121.8E6	390.3E6	52.272	49.526
13)	MA Dieldrin	5.715	6.454	128.3E6	410.3E6	51.280	49.451
14)	MA Endrin	5.972	6.673	116.6E6	347.8E6	55.736	50.539
15)	B Endosulfa...	6.243	6.888	98330554	346.9E6	49.448m	49.131
16)	A 4,4'-DDD	6.097	6.800	96429249	338.7E6	51.433	49.843
17)	MA 4,4'-DDT	6.335	7.097	101.1E6	357.1E6	52.571	49.231
18)	B Endrin al...	6.413	7.012	77727998	281.5E6	50.285	49.481
19)	B Endosulfa...	6.625	7.236	91546603	339.9E6	49.189	46.849
20)	A Methoxychlor	6.883	7.560	50464551	179.5E6	48.867	44.052
21)	B Endrin ke...	7.117	7.709	96517098	373.1E6	44.232	44.369
22)	Mirex	7.298	8.157	70461846	267.6E6	45.296	45.244

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

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Data File : PD067057.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2021 15:16
Operator : AR\AJ
Sample : PB140962BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

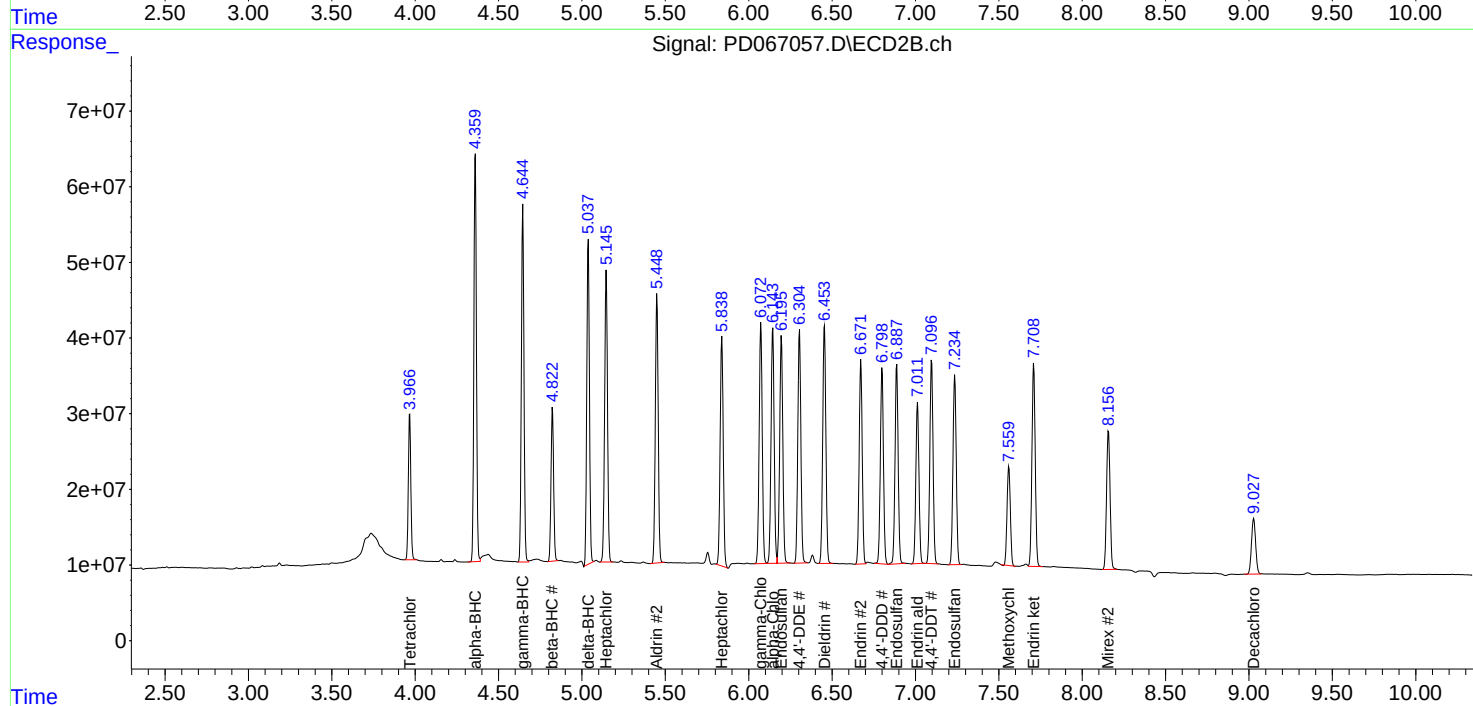
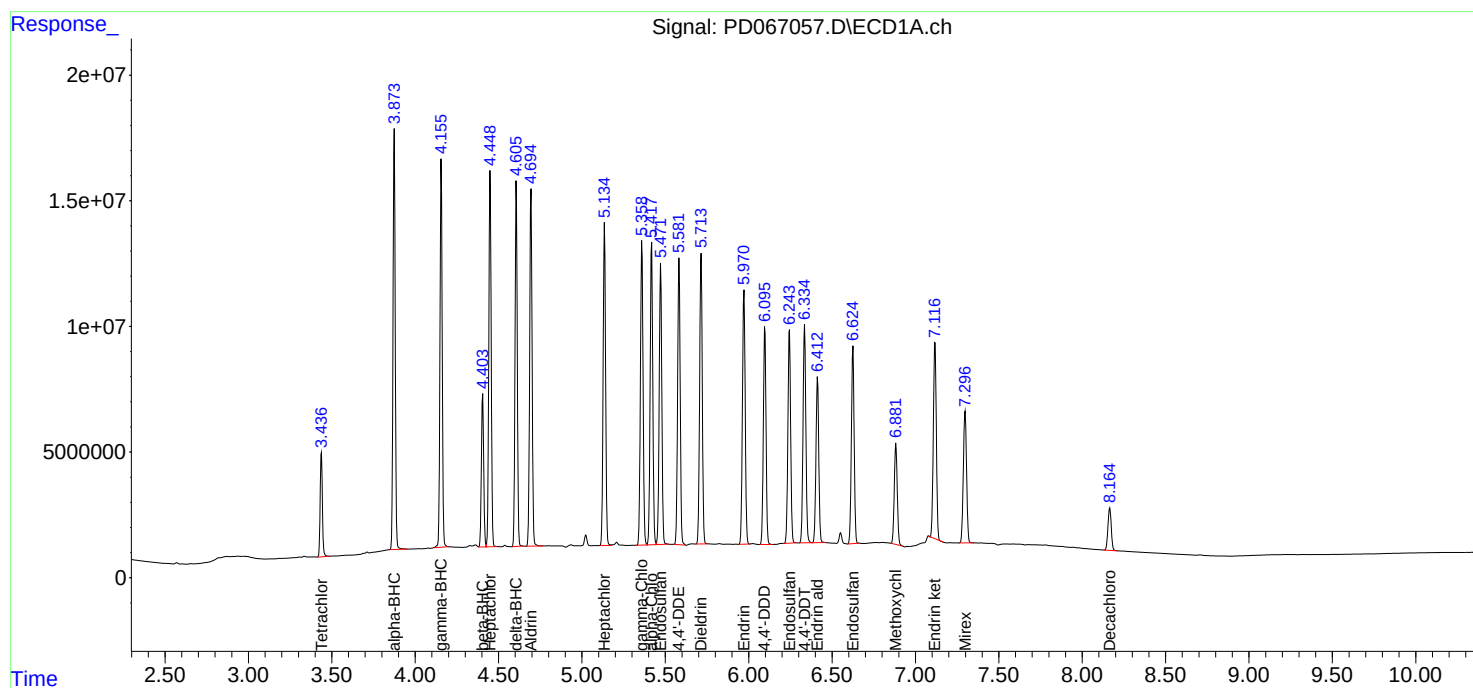
Instrument :
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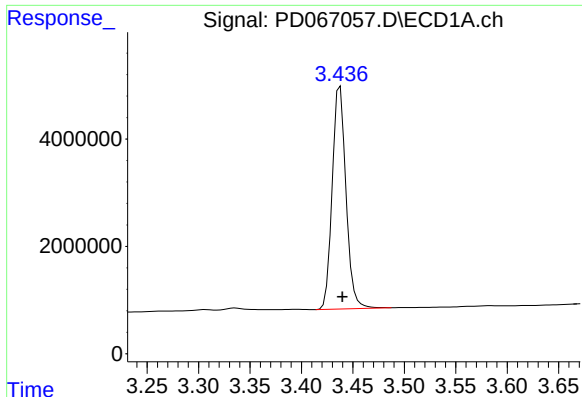
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 04:55:22 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
Quant Title : GC Extractables
QLast Update : Thu Oct 28 02:17:57 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





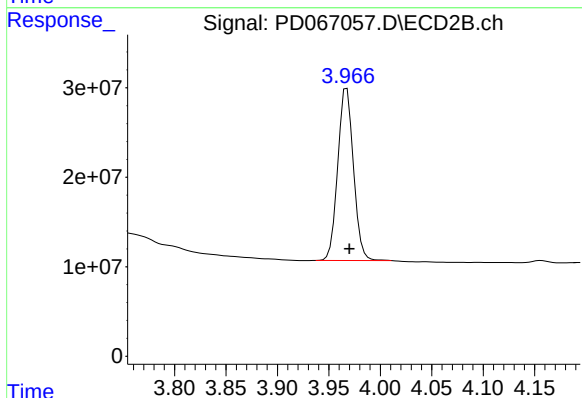
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: -0.002 min
Response: 38741263
Conc: 20.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140962BS

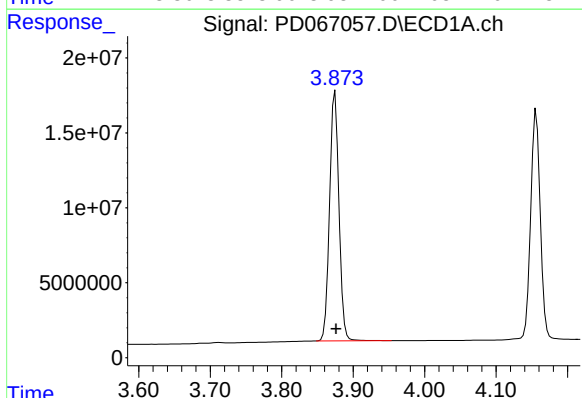
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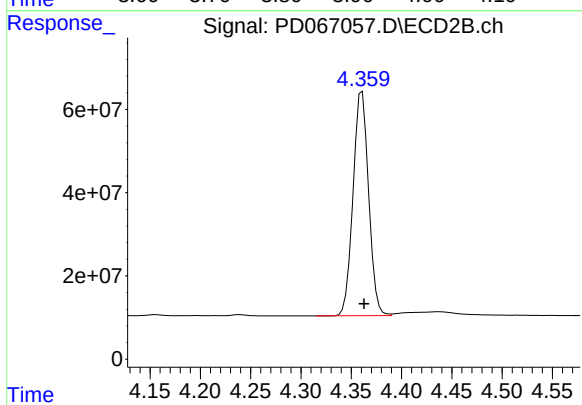
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 204615048
Conc: 25.29 ng/ml



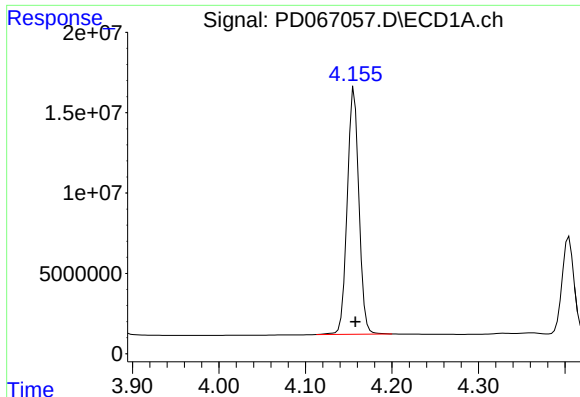
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.001 min
Response: 152988478
Conc: 50.04 ng/ml



#2 alpha-BHC

R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 578321817
Conc: 52.42 ng/ml



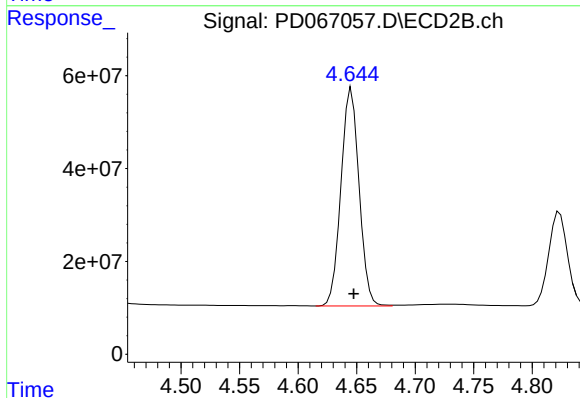
#3 gamma-BHC (Lindane)

R.T.: 4.156 min
Delta R.T.: -0.001 min
Response: 142633671
Conc: 47.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
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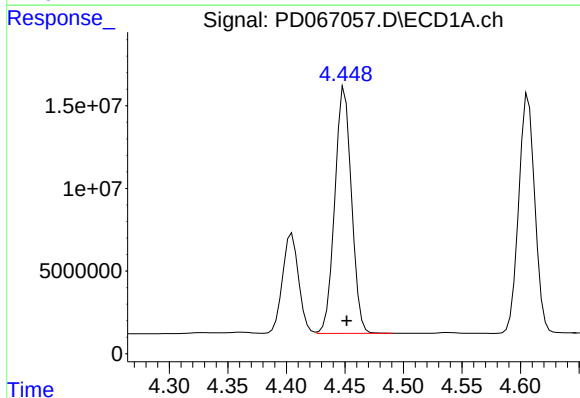
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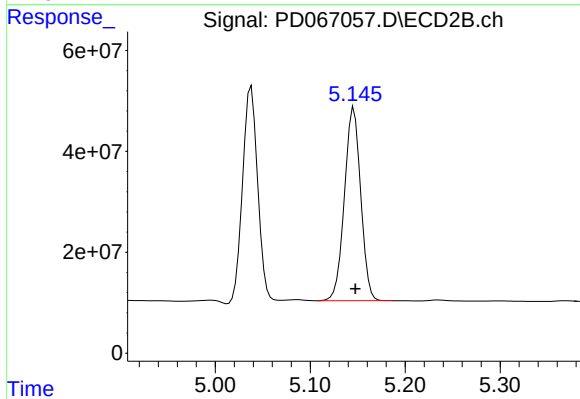
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: -0.002 min
Response: 504992487
Conc: 50.68 ng/ml



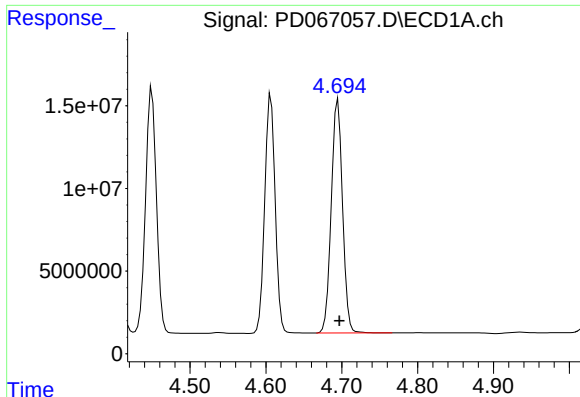
#4 Heptachlor

R.T.: 4.450 min
Delta R.T.: -0.002 min
Response: 147647073
Conc: 49.77 ng/ml



#4 Heptachlor

R.T.: 5.146 min
Delta R.T.: -0.002 min
Response: 456471069
Conc: 46.57 ng/ml



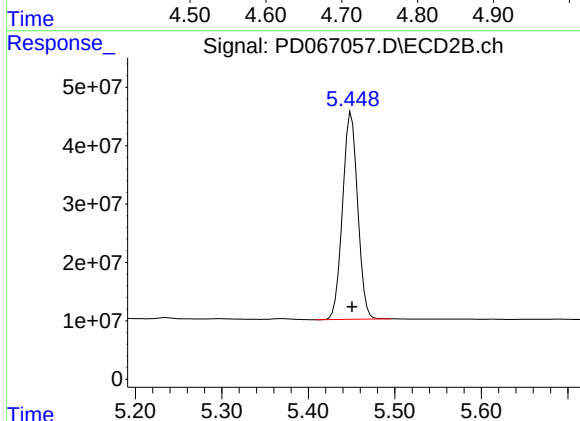
#5 Aldrin

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 145908391
Conc: 50.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140962BS

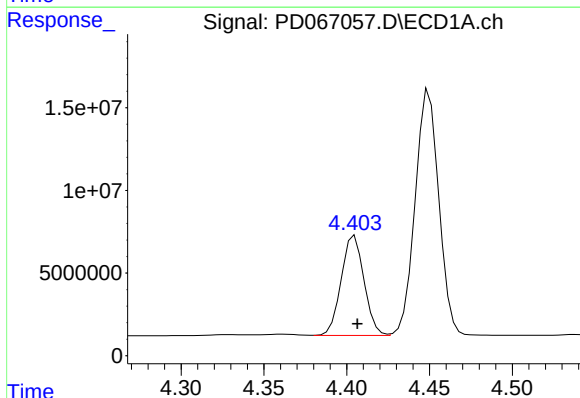
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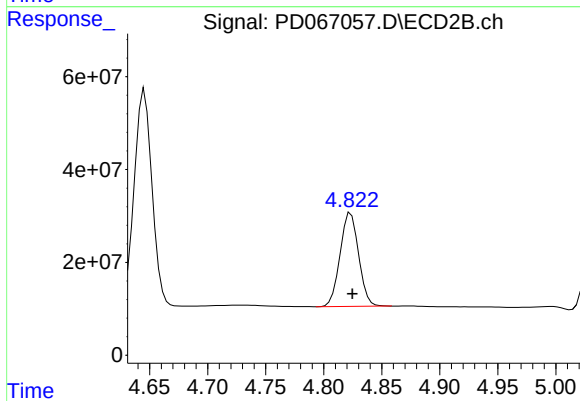
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 427164673
Conc: 47.06 ng/ml



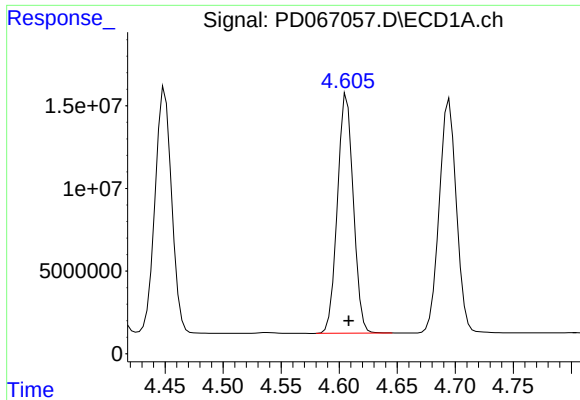
#6 beta-BHC

R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 57977893
Conc: 46.41 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 224638895
Conc: 48.24 ng/ml



#7 delta-BHC

R.T.: 4.607 min
Delta R.T.: -0.002 min
Response: 138079157
Conc: 51.36 ng/ml

Instrument :

ECD_D

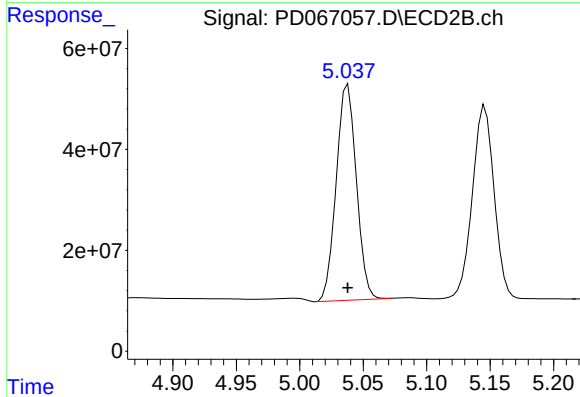
ClientSampleId :

PB140962BS

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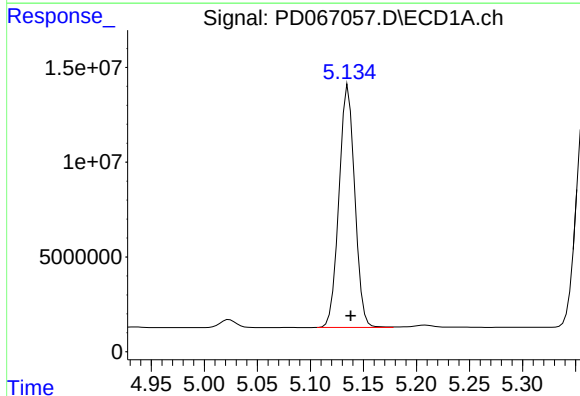
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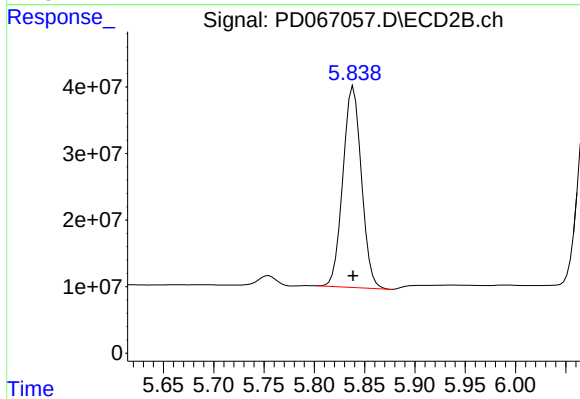
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 471893145
Conc: 51.63 ng/ml



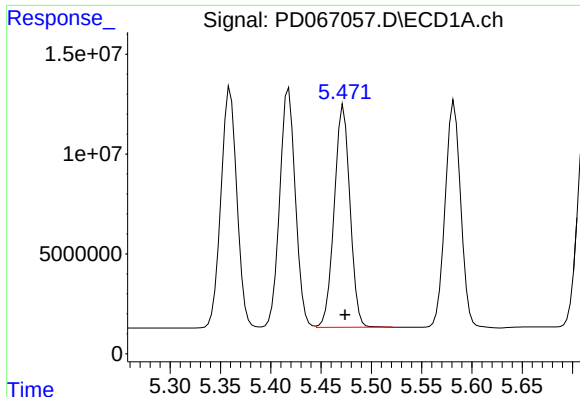
#8 Heptachlor epoxide

R.T.: 5.136 min
Delta R.T.: -0.002 min
Response: 131948843
Conc: 51.01 ng/ml



#8 Heptachlor epoxide

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 387232620
Conc: 53.43 ng/ml



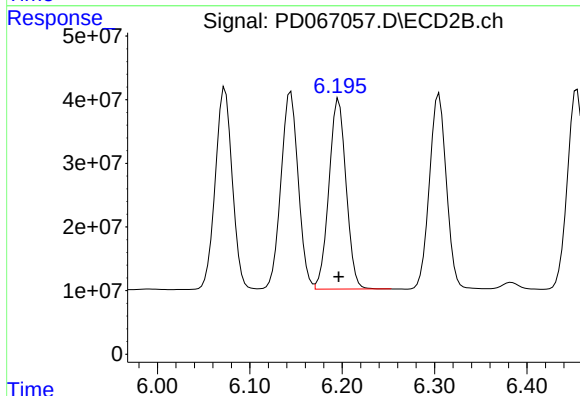
#9 Endosulfan I

R.T.: 5.473 min
Delta R.T.: -0.001 min
Response: 121099295
Conc: 50.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
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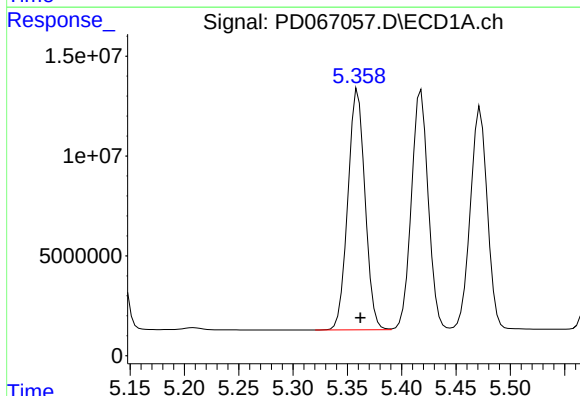
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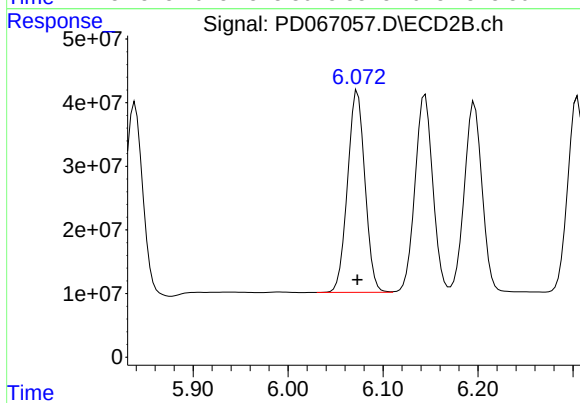
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 385887024
Conc: 48.94 ng/ml



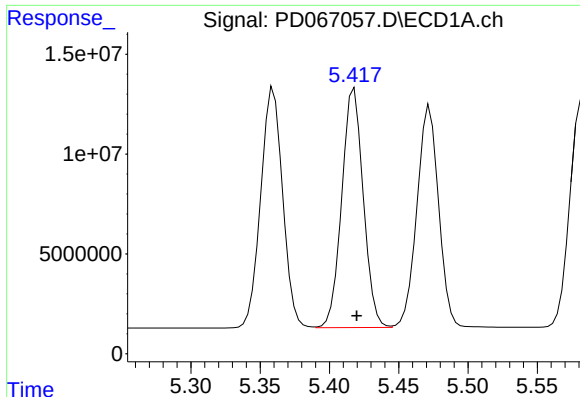
#10 gamma-Chlordane

R.T.: 5.360 min
Delta R.T.: -0.002 min
Response: 132354711
Conc: 50.80 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 403934596
Conc: 48.41 ng/ml



#11 alpha-Chlordane

R.T.: 5.418 min
Delta R.T.: -0.002 min
Response: 129778861
Conc: 50.57 ng/ml

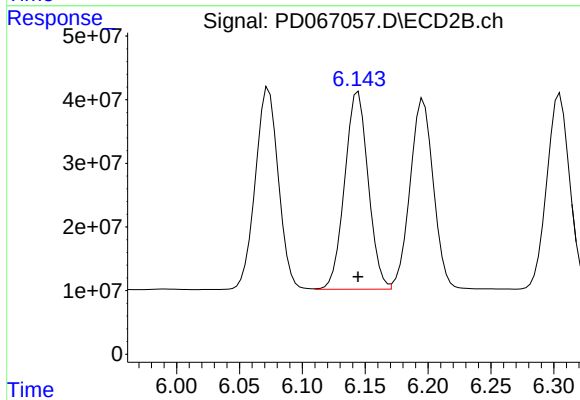
Instrument :

ECD_D

ClientSampleId :
PB140962BS

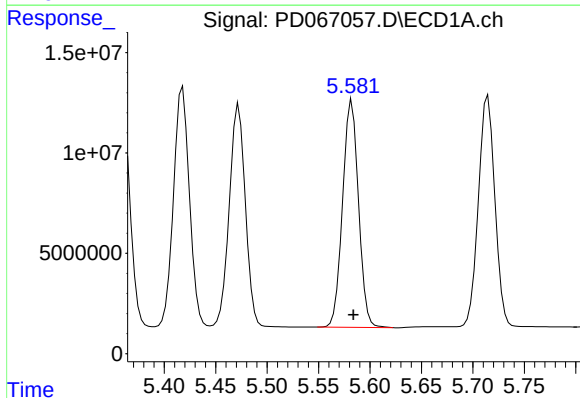
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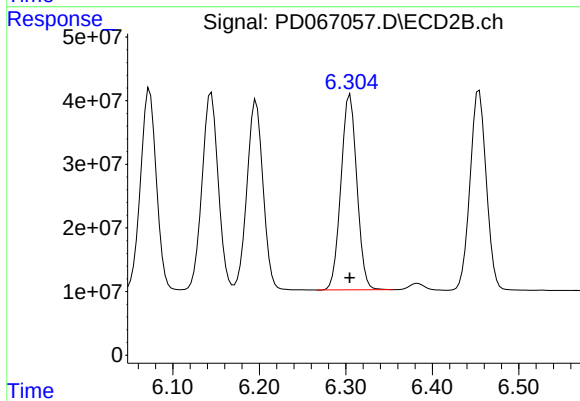
#11 alpha-Chlordane

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 403861766
Conc: 48.69 ng/ml



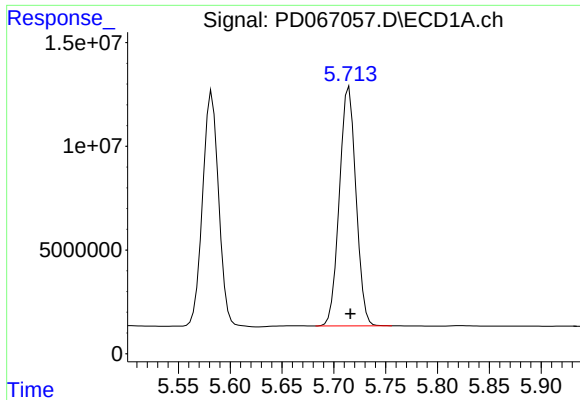
#12 4,4'-DDE

R.T.: 5.582 min
Delta R.T.: -0.001 min
Response: 121787029
Conc: 52.27 ng/ml



#12 4,4'-DDE

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 390299191
Conc: 49.53 ng/ml



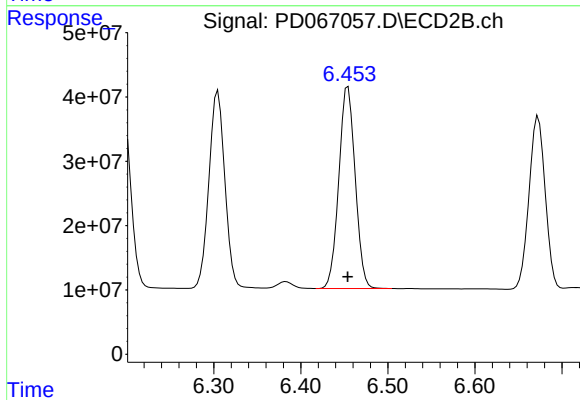
#13 Dieldrin

R.T.: 5.715 min
Delta R.T.: -0.001 min
Response: 128318381
Conc: 51.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140962BS

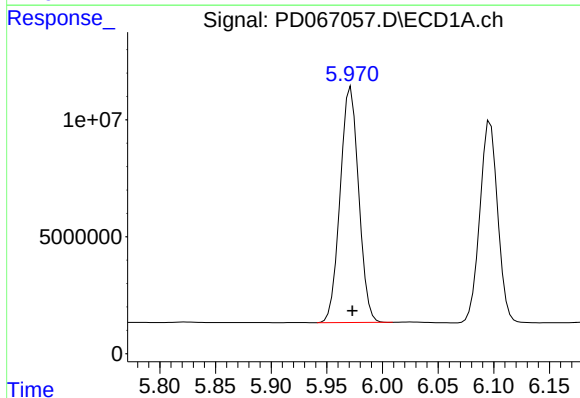
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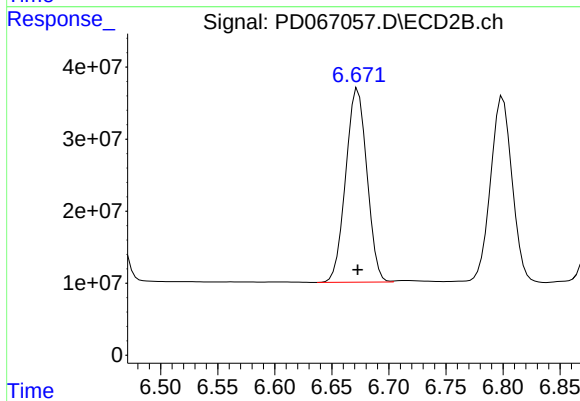
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 410328246
Conc: 49.45 ng/ml



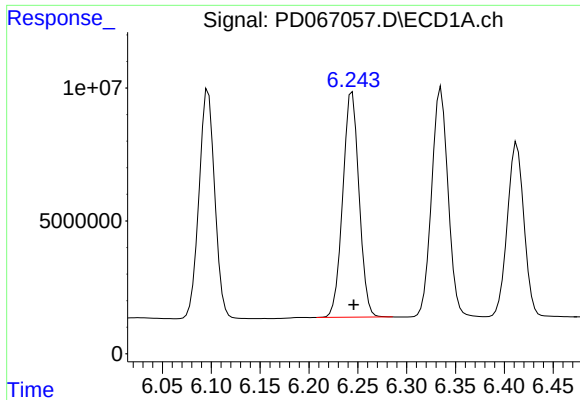
#14 Endrin

R.T.: 5.972 min
Delta R.T.: -0.001 min
Response: 116645150
Conc: 55.74 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 347838811
Conc: 50.54 ng/ml



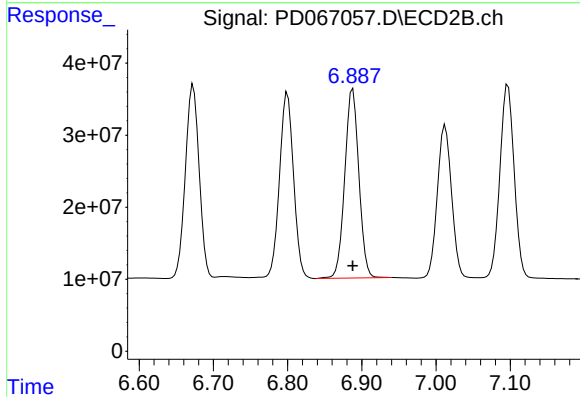
#15 Endosulfan II

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 98330554
Conc: 49.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140962BS

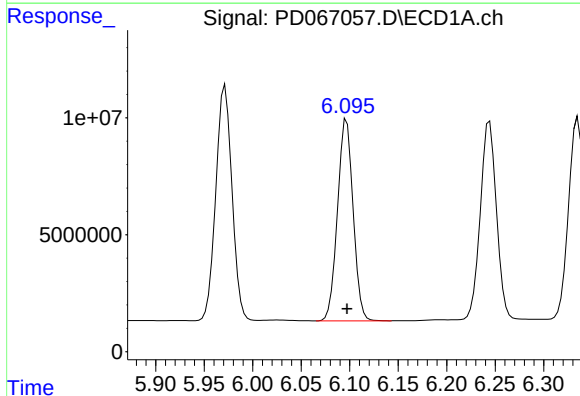
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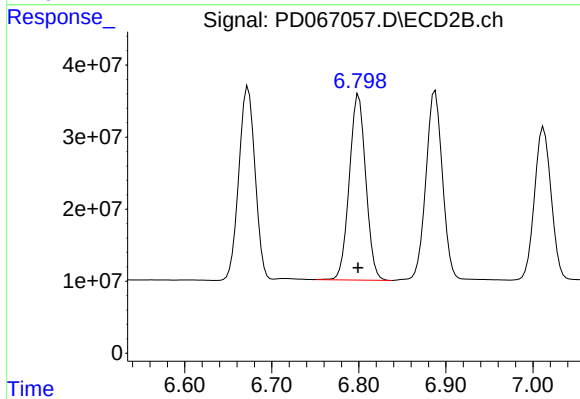
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 346894335
Conc: 49.13 ng/ml



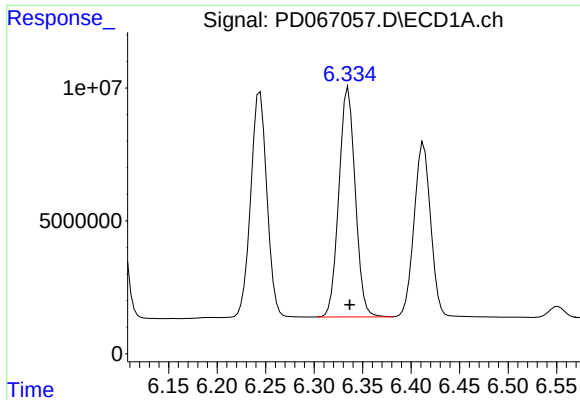
#16 4,4'-DDD

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 96429249
Conc: 51.43 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 338697215
Conc: 49.84 ng/ml



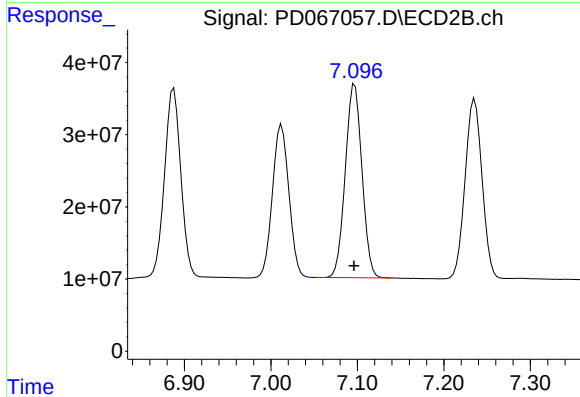
#17 4,4'-DDT

R.T.: 6.335 min
Delta R.T.: -0.001 min
Response: 101119400
Conc: 52.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
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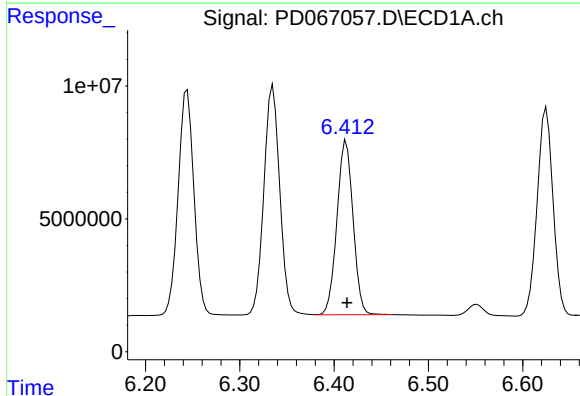
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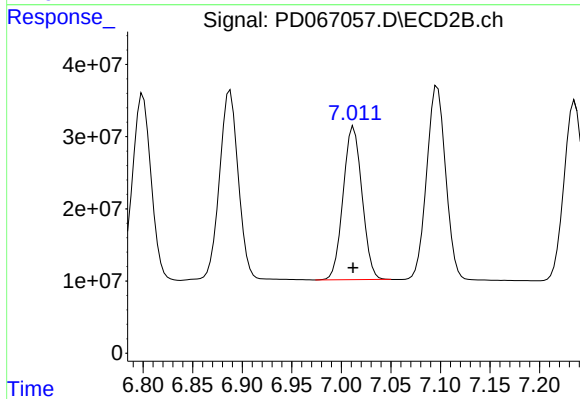
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 357072300
Conc: 49.23 ng/ml



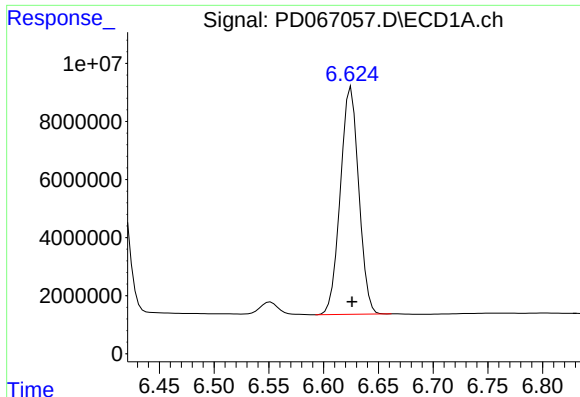
#18 Endrin aldehyde

R.T.: 6.413 min
Delta R.T.: -0.001 min
Response: 77727998
Conc: 50.28 ng/ml



#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 281454630
Conc: 49.48 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 91546603
Conc: 49.19 ng/ml

Instrument :

ECD_D

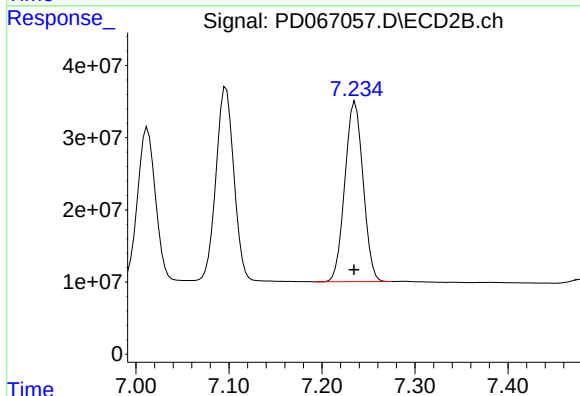
ClientSampleId :

PB140962BS

Manual Integrations

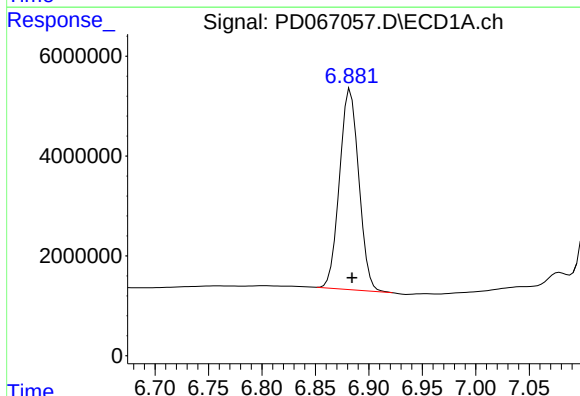
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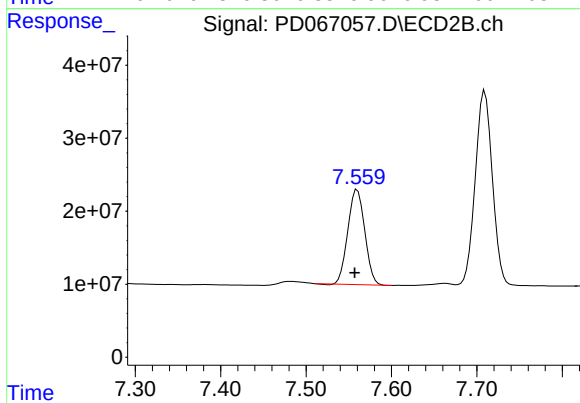
#19 Endosulfan Sulfate

R.T.: 7.236 min
Delta R.T.: 0.001 min
Response: 339852790
Conc: 46.85 ng/ml



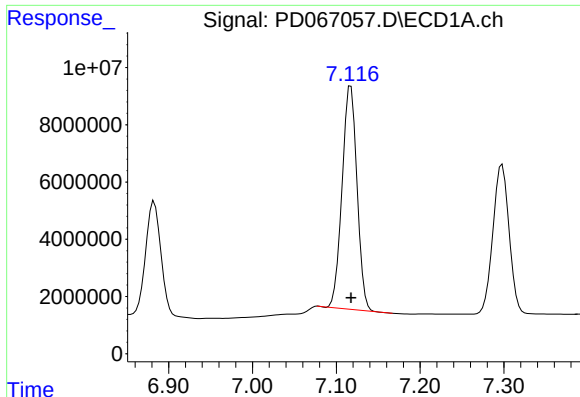
#20 Methoxychlor

R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 50464551
Conc: 48.87 ng/ml



#20 Methoxychlor

R.T.: 7.560 min
Delta R.T.: 0.003 min
Response: 179458168
Conc: 44.05 ng/ml



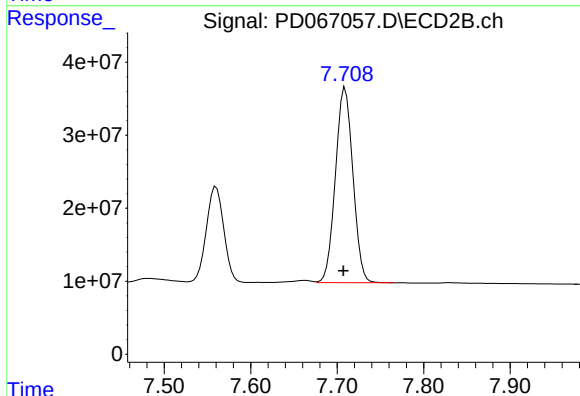
#21 Endrin ketone

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 96517098
Conc: 44.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
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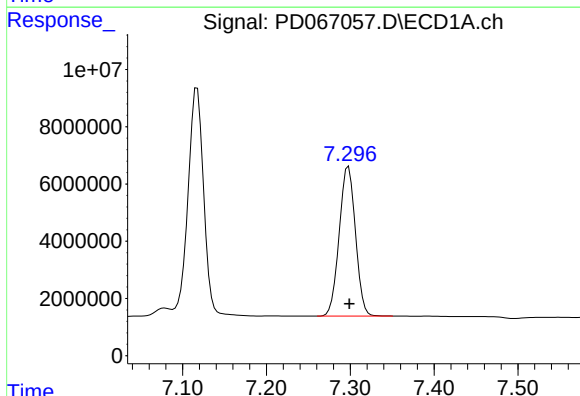
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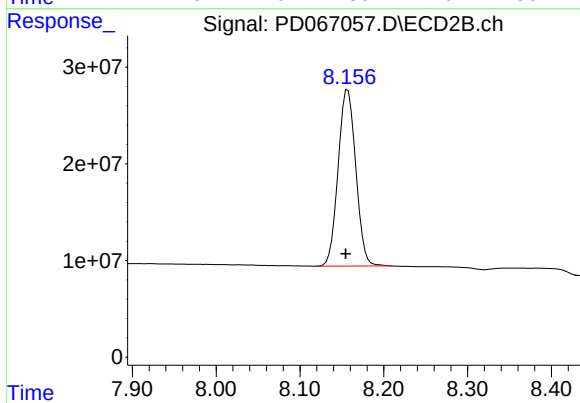
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.002 min
Response: 373135605
Conc: 44.37 ng/ml



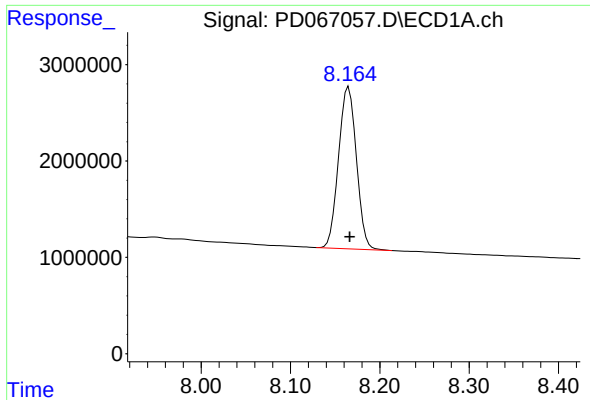
#22 Mirex

R.T.: 7.298 min
Delta R.T.: -0.001 min
Response: 70461846
Conc: 45.30 ng/ml



#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.002 min
Response: 267592083
Conc: 45.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.165 min
Delta R.T.: -0.001 min
Response: 23324036
Conc: 20.19 ng/ml

Instrument :

ECD_D

ClientSampleId :

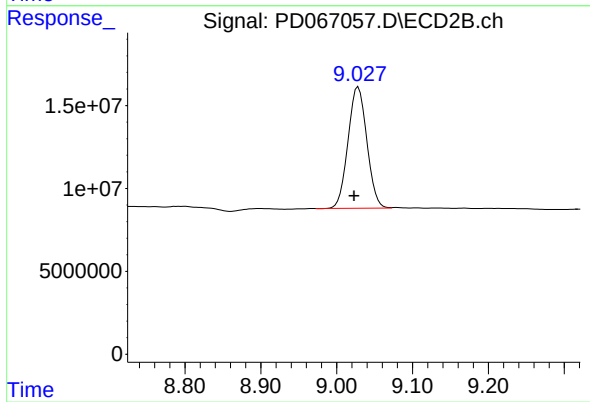
PB140962BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/23/2021

Supervised By :Sohil Jodhani 11/23/2021



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.005 min
Response: 126273263
Conc: 23.44 ng/ml