

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070763.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 14:03
 Operator : AR\AJ
 Sample : N3214-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/08/2022
 Supervised By : Ankita Jodhani 07/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 15:48:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 07 15:26:38 2022
 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...	3.490	4.124	43512776	517.2E6	17.824	20.001
28)	SA Decachlor...	8.269	9.315	49072076	169.6E6	19.791	20.620
Target Compounds							
2)	A alpha-BHC	3.933	4.527	15972234	213.3E6	4.549	5.804m#
3)	MA gamma-BHC...	4.216	4.820	17700036	204.1E6	5.202m	6.282m
4)	MA Heptachlor	4.519	5.336	16305519	198.3E6	4.835	6.400m#
5)	MB Aldrin	4.769	5.649	16148226	178.9E6	4.892	6.345 #
6)	B beta-BHC	4.466	4.995	7695706	98489262	5.274m	6.184m
7)	B delta-BHC	4.674	5.221	15253395	182.7E6	4.662	6.387 #
8)	B Heptachlo...	5.215	6.042	15619569	155.5E6	5.184	6.832m#
9)	A Endosulfan I	5.556	6.408	14510678	134.7E6	5.183	6.578 #
10)	B gamma-Chl...	5.442	6.280	15927450	150.6E6	5.135	6.605 #
11)	B alpha-Chl...	5.501	6.353	15854304	145.4E6	5.213	6.600 #
12)	B 4,4'-DDE	5.667	6.508	14253036	127.9E6	4.902	6.253 #
13)	MA Dieldrin	5.800	6.669	15264039	129.3E6	5.073	6.382 #
14)	MA Endrin	6.059	6.892	13219975	92571041	4.917	6.014
15)	B Endosulfa...	6.332	7.106	13319364	93756370	5.610	6.386
16)	A 4,4'-DDD	6.185	7.006	12884306	93356051	5.280	6.597m
17)	MA 4,4'-DDT	6.427	7.309	12777377	91785979	5.118	6.024
18)	B Endrin al...	6.502	7.230	10987383	74650718	5.910	6.520m
19)	B Endosulfa...	6.715	7.456	13635116	89090108	5.614	6.492
20)	A Methoxychlor	6.977	7.768	8245295	42629699	5.769	6.216
21)	B Endrin ke...	7.209	7.938	15770244	85291950	5.928	6.647
22)	Mirex	7.396	8.390	13858164	53451555	6.331m	6.693m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
Data File : PD070763.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2022 14:03
Operator : AR\AJ
Sample : N3214-08
Misc : PEST LOQ 5PPB
ALS Vial : 12 Sample Multiplier: 1

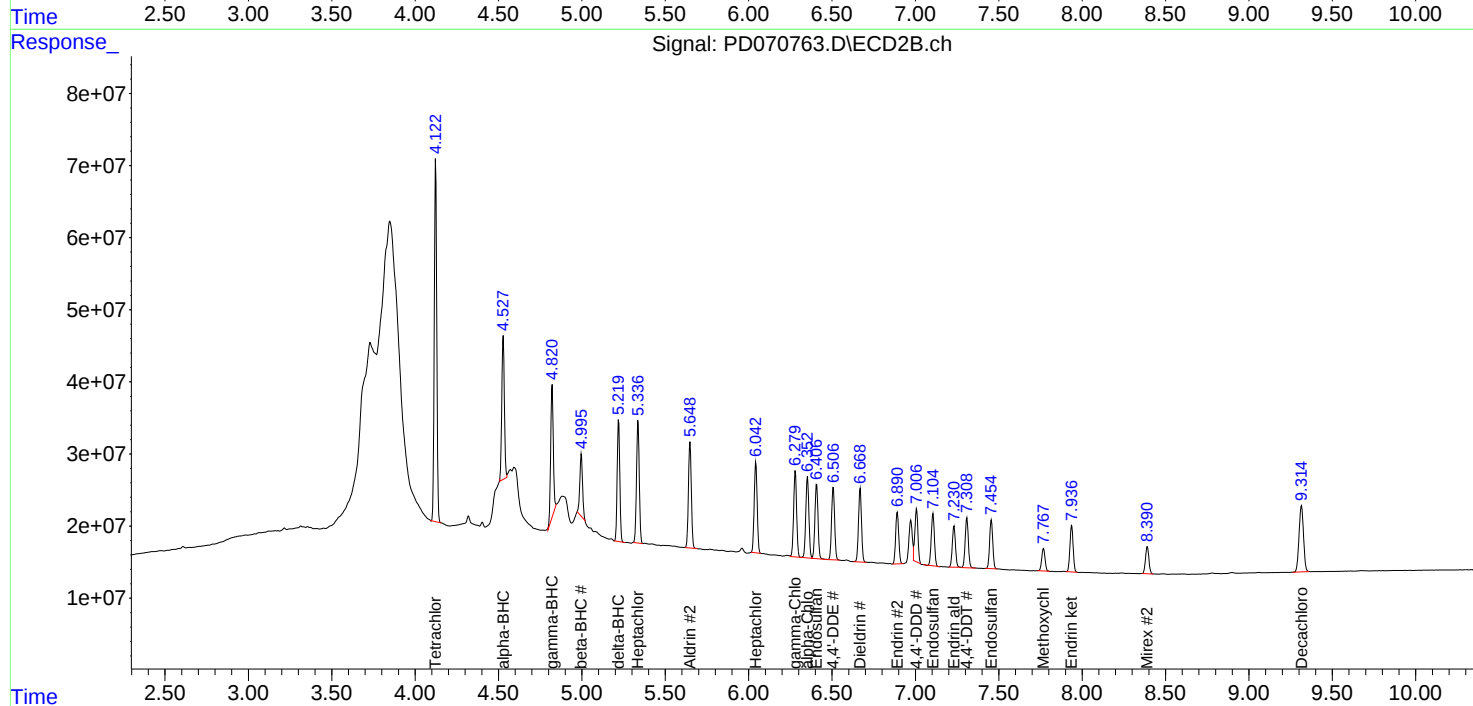
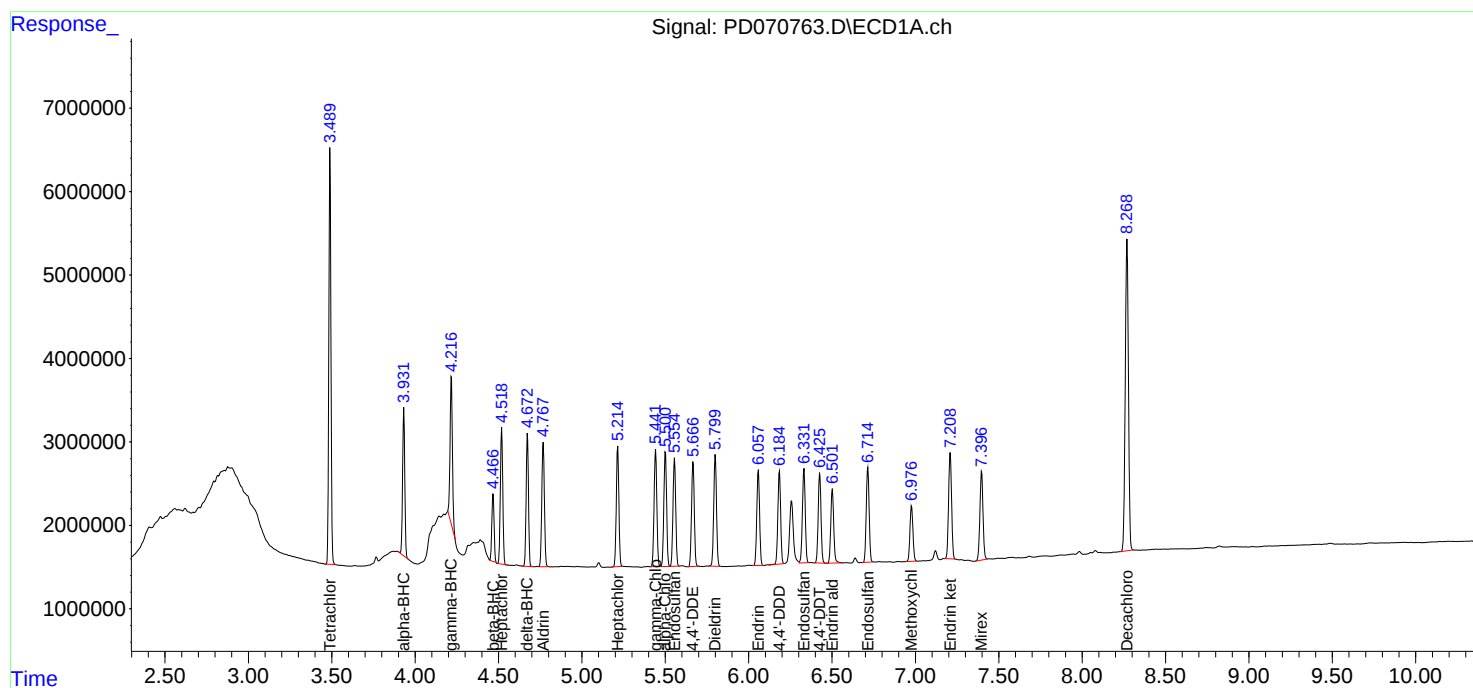
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

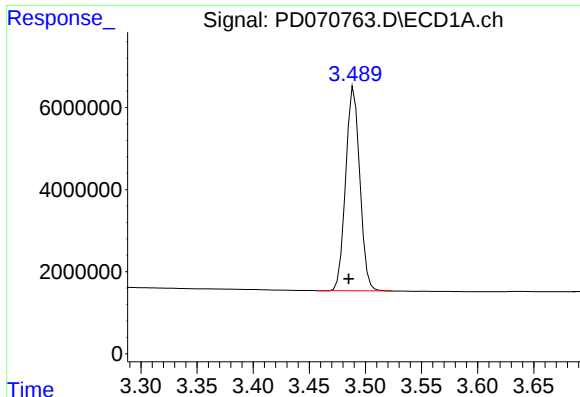
Manual Integrations
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Supervised By :Ankita Jodhani 07/08/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:48:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
Quant Title : GC Extractables
QLast Update : Thu Jul 07 15:26:38 2022
Response via : Initial Calibration
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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





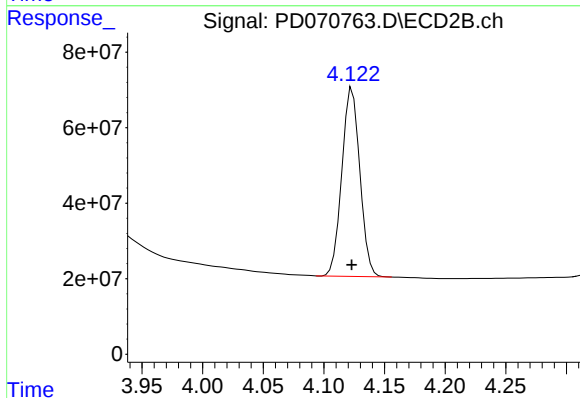
#1 Tetrachloro-m-xylene

R.T.: 3.490 min
Delta R.T.: 0.005 min
Response: 43512776
Conc: 17.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

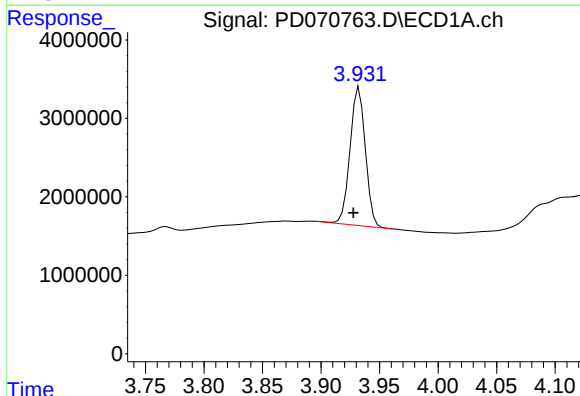
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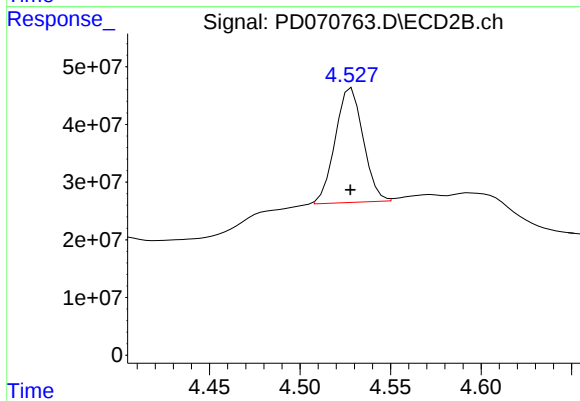
#1 Tetrachloro-m-xylene

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 517246320
Conc: 20.00 ng/ml



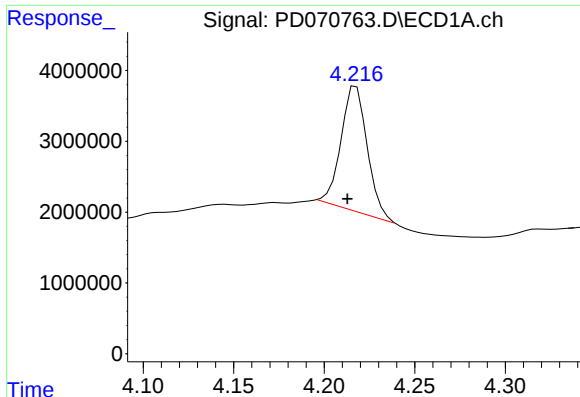
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.005 min
Response: 15972234
Conc: 4.55 ng/ml



#2 alpha-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 213291726
Conc: 5.80 ng/ml m



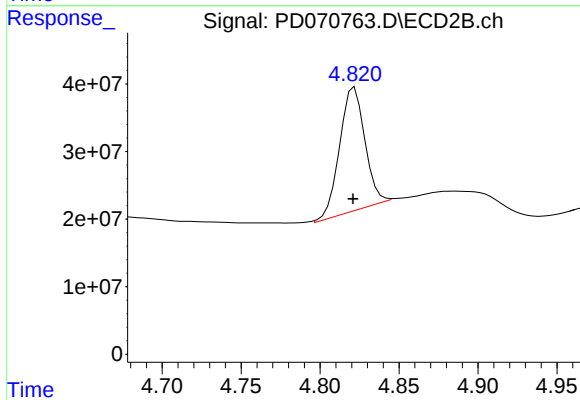
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: 0.004 min
Response: 17700036
Conc: 5.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

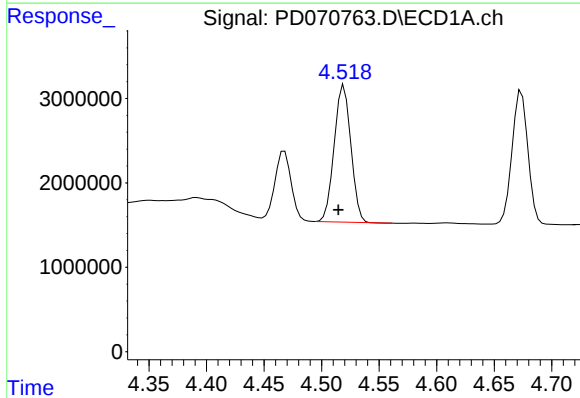
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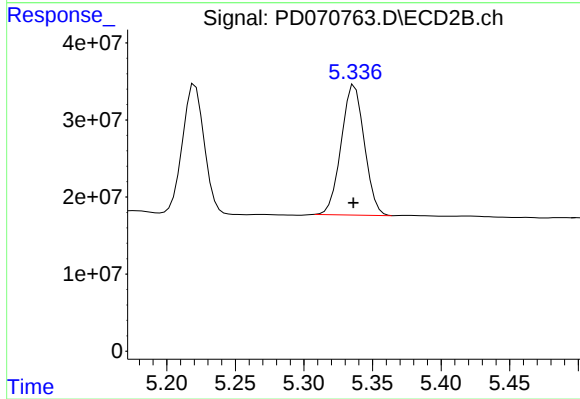
#3 gamma-BHC (Lindane)

R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 204106036
Conc: 6.28 ng/ml m



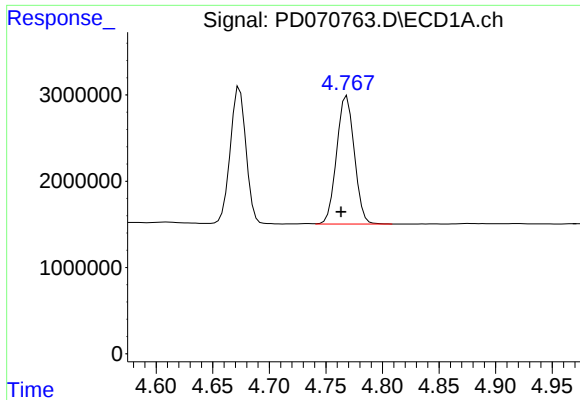
#4 Heptachlor

R.T.: 4.519 min
Delta R.T.: 0.005 min
Response: 16305519
Conc: 4.83 ng/ml



#4 Heptachlor

R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 198266022
Conc: 6.40 ng/ml m



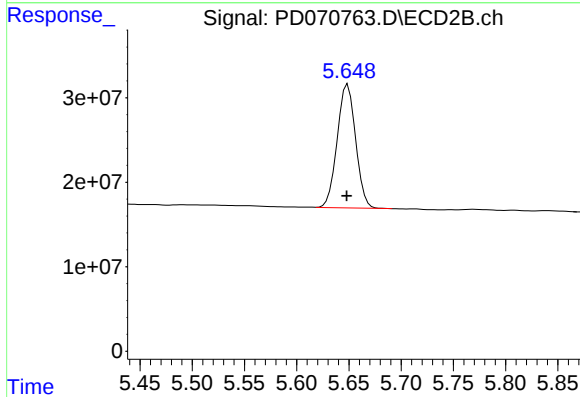
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: 0.005 min
Response: 16148226
Conc: 4.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

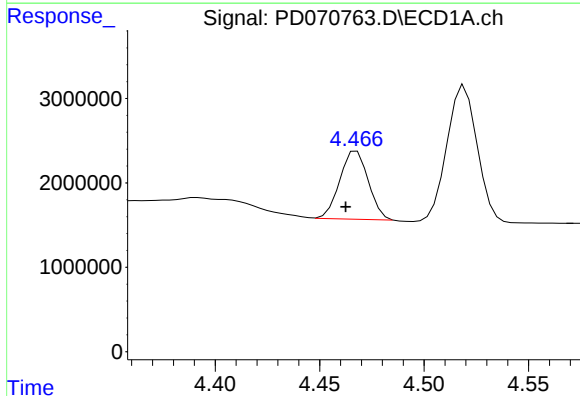
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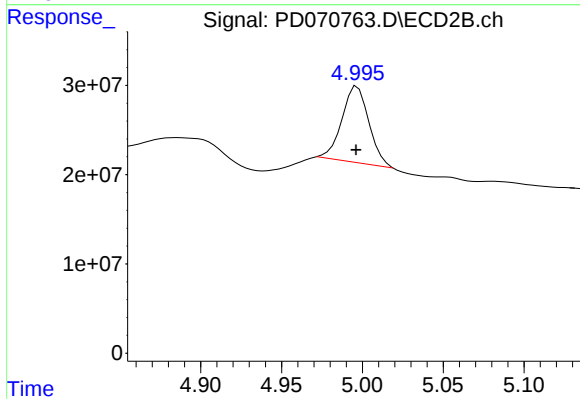
#5 Aldrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 178884334
Conc: 6.34 ng/ml



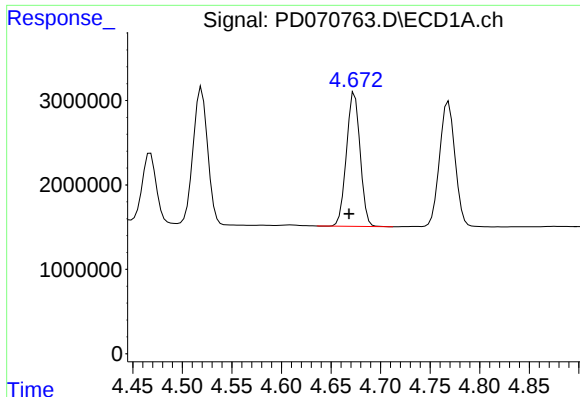
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: 0.004 min
Response: 7695706
Conc: 5.27 ng/ml m



#6 beta-BHC

R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 98489262
Conc: 6.18 ng/ml m



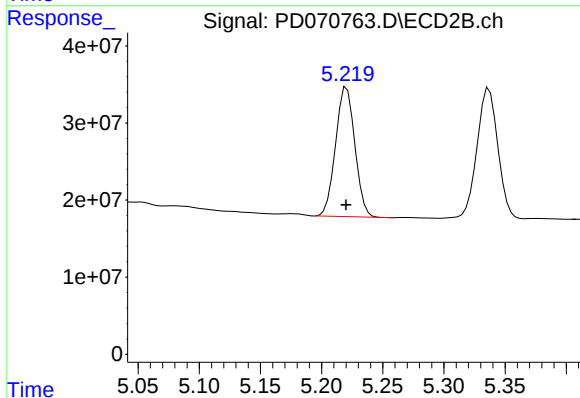
#7 delta-BHC

R.T.: 4.674 min
Delta R.T.: 0.005 min
Response: 15253395
Conc: 4.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

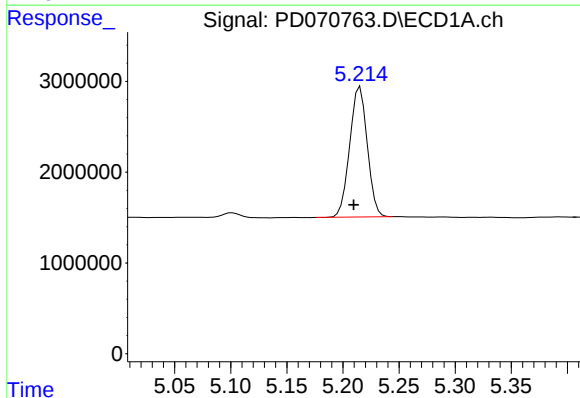
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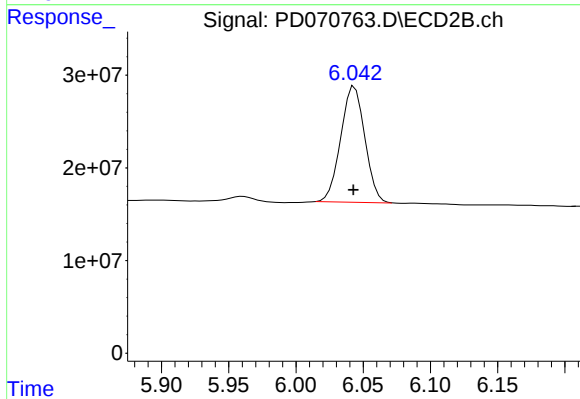
#7 delta-BHC

R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 182712400
Conc: 6.39 ng/ml



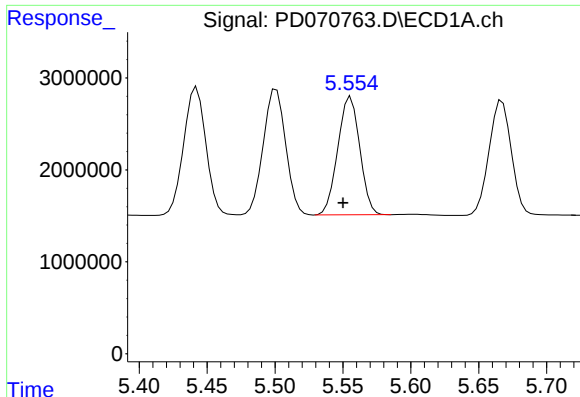
#8 Heptachlor epoxide

R.T.: 5.215 min
Delta R.T.: 0.006 min
Response: 15619569
Conc: 5.18 ng/ml



#8 Heptachlor epoxide

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 155464680
Conc: 6.83 ng/ml m



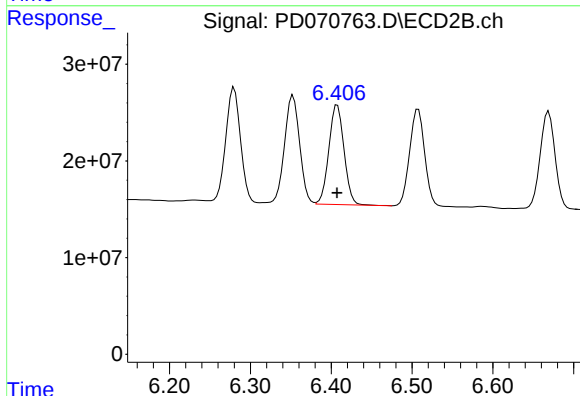
#9 Endosulfan I

R.T.: 5.556 min
Delta R.T.: 0.006 min
Response: 14510678
Conc: 5.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

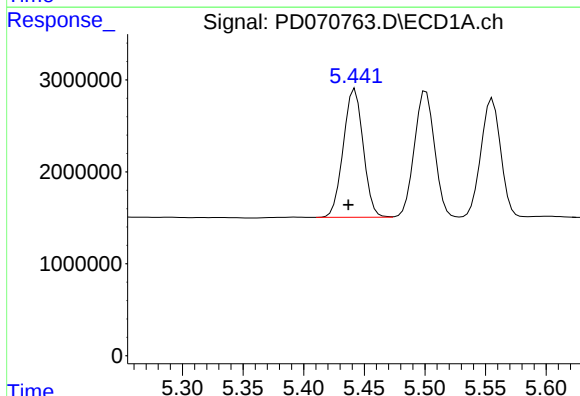
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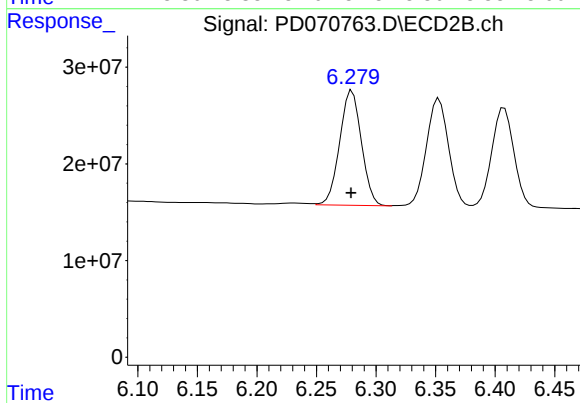
#9 Endosulfan I

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 134700247
Conc: 6.58 ng/ml



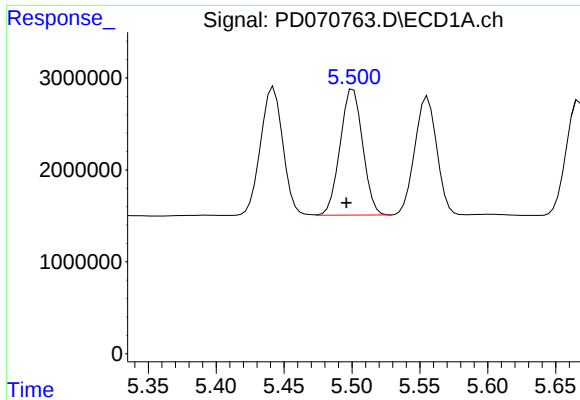
#10 gamma-Chlordane

R.T.: 5.442 min
Delta R.T.: 0.005 min
Response: 15927450
Conc: 5.13 ng/ml



#10 gamma-Chlordane

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 150631713
Conc: 6.61 ng/ml



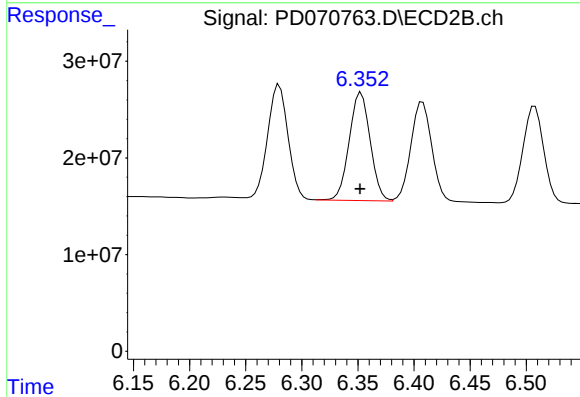
#11 alpha-Chlordane

R.T.: 5.501 min
Delta R.T.: 0.005 min
Response: 15854304
Conc: 5.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

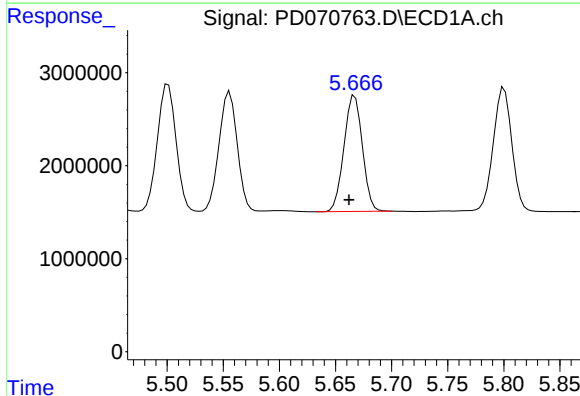
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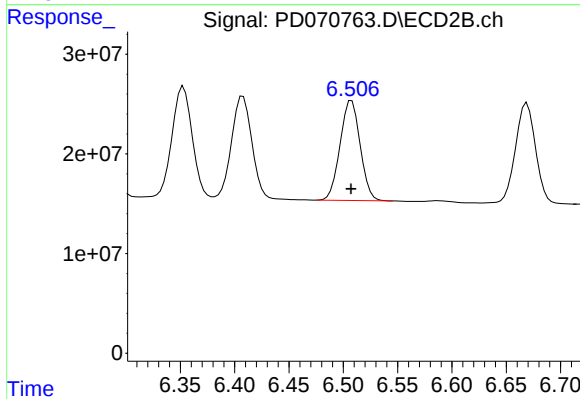
#11 alpha-Chlordane

R.T.: 6.353 min
Delta R.T.: 0.001 min
Response: 145395542
Conc: 6.60 ng/ml



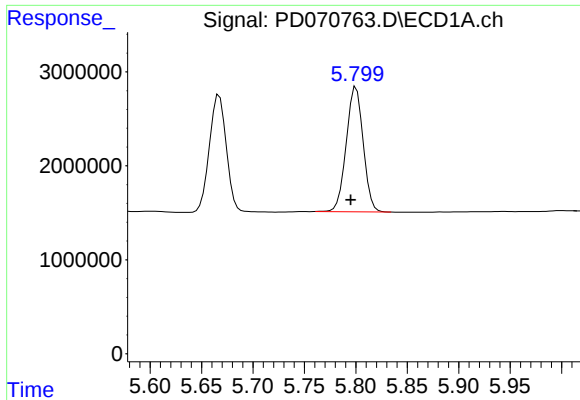
#12 4,4'-DDE

R.T.: 5.667 min
Delta R.T.: 0.005 min
Response: 14253036
Conc: 4.90 ng/ml



#12 4,4'-DDE

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 127871038
Conc: 6.25 ng/ml



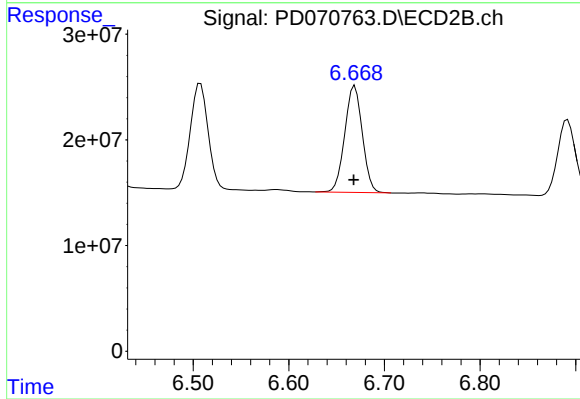
#13 Dieldrin

R.T.: 5.800 min
Delta R.T.: 0.005 min
Response: 15264039
Conc: 5.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

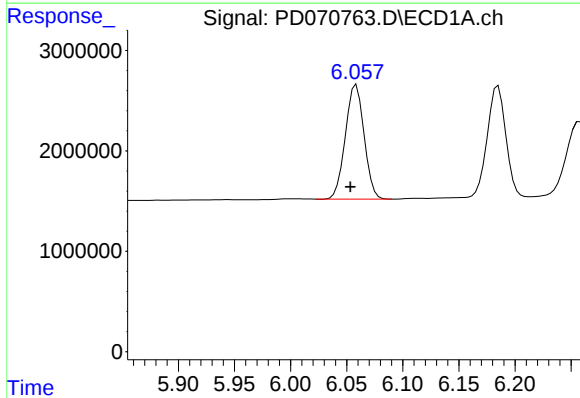
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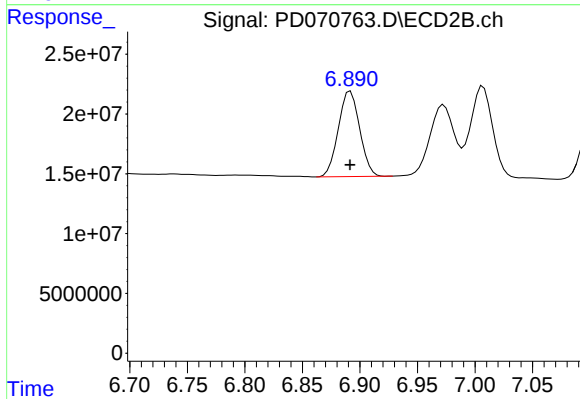
#13 Dieldrin

R.T.: 6.669 min
Delta R.T.: 0.001 min
Response: 129345491
Conc: 6.38 ng/ml



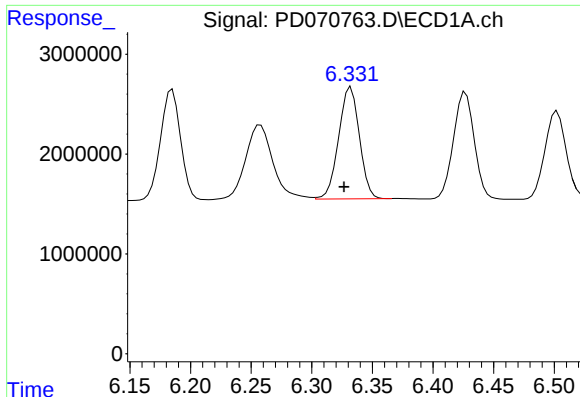
#14 Endrin

R.T.: 6.059 min
Delta R.T.: 0.005 min
Response: 13219975
Conc: 4.92 ng/ml



#14 Endrin

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 92571041
Conc: 6.01 ng/ml



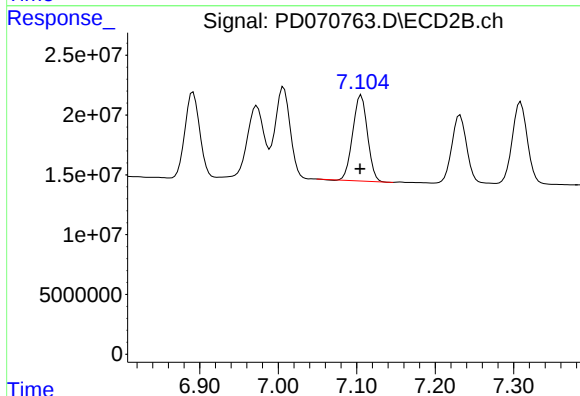
#15 Endosulfan II

R.T.: 6.332 min
Delta R.T.: 0.006 min
Response: 13319364
Conc: 5.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

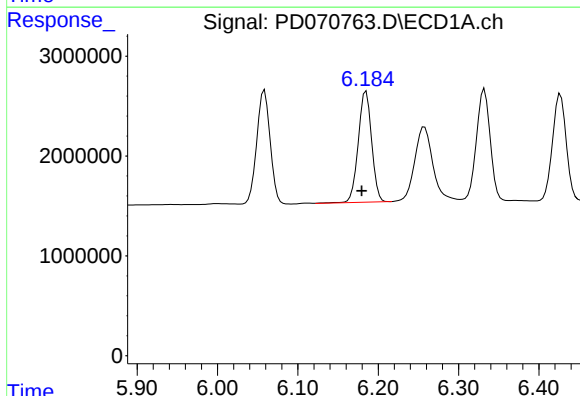
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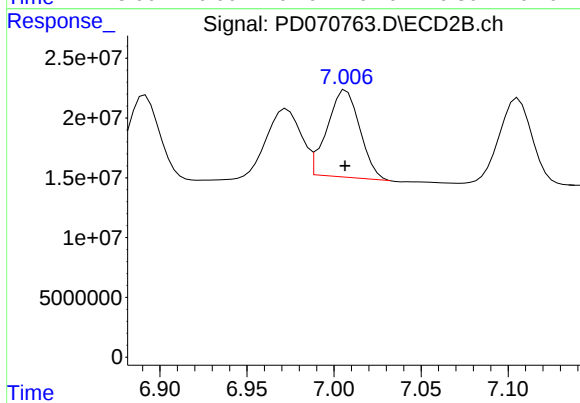
#15 Endosulfan II

R.T.: 7.106 min
Delta R.T.: 0.001 min
Response: 93756370
Conc: 6.39 ng/ml



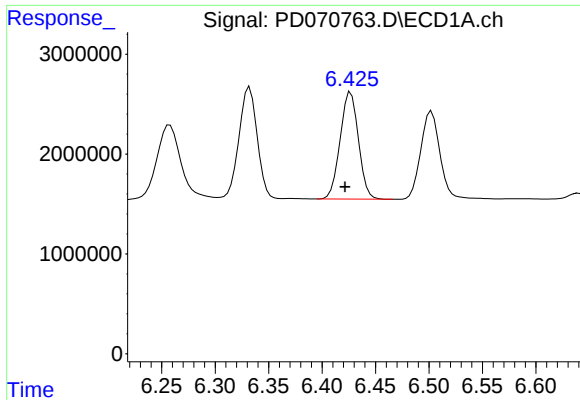
#16 4,4'-DDD

R.T.: 6.185 min
Delta R.T.: 0.005 min
Response: 12884306
Conc: 5.28 ng/ml



#16 4,4'-DDD

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 93356051
Conc: 6.60 ng/ml m



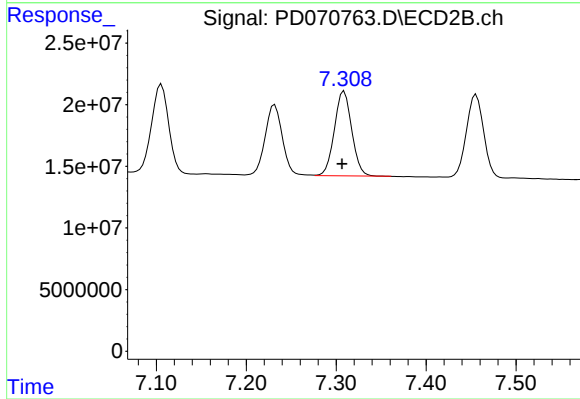
#17 4,4'-DDT

R.T.: 6.427 min
Delta R.T.: 0.005 min
Response: 12777377
Conc: 5.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

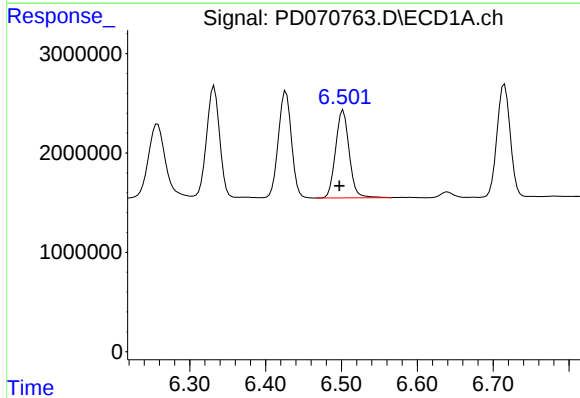
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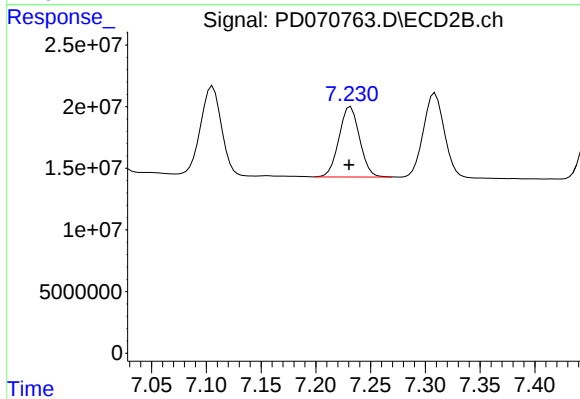
#17 4,4'-DDT

R.T.: 7.309 min
Delta R.T.: 0.002 min
Response: 91785979
Conc: 6.02 ng/ml



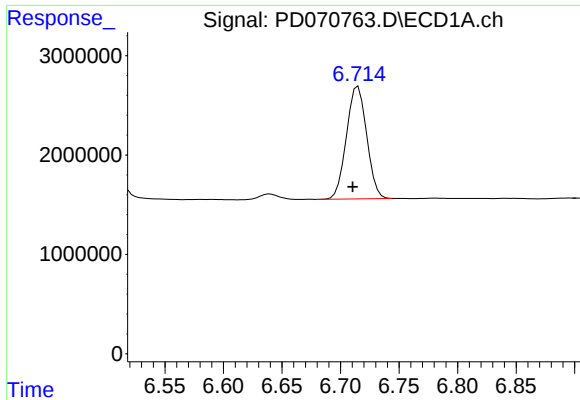
#18 Endrin aldehyde

R.T.: 6.502 min
Delta R.T.: 0.005 min
Response: 10987383
Conc: 5.91 ng/ml



#18 Endrin aldehyde

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 74650718
Conc: 6.52 ng/ml m



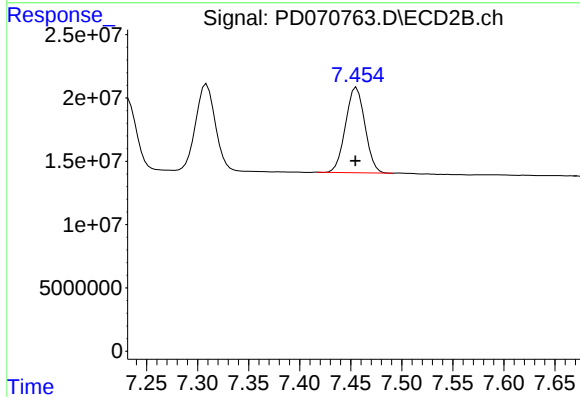
#19 Endosulfan Sulfate

R.T.: 6.715 min
Delta R.T.: 0.005 min
Response: 13635116
Conc: 5.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

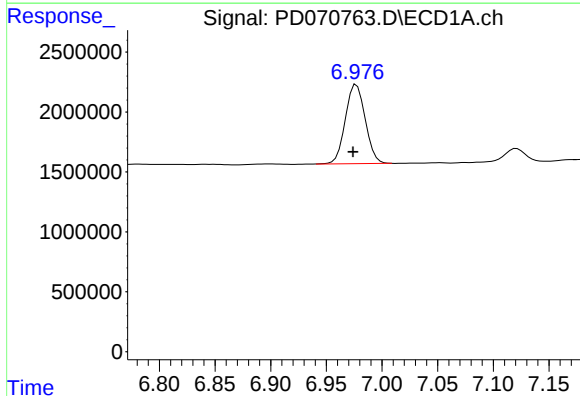
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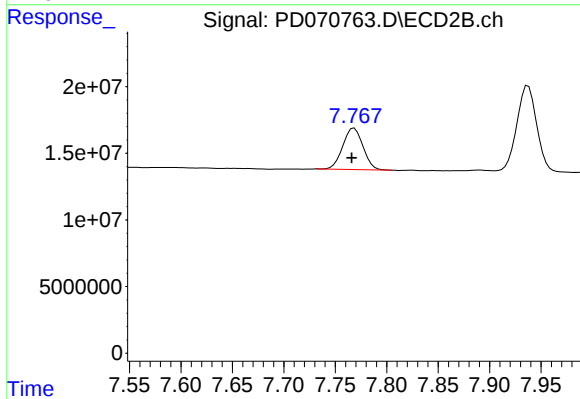
#19 Endosulfan Sulfate

R.T.: 7.456 min
Delta R.T.: 0.001 min
Response: 89090108
Conc: 6.49 ng/ml



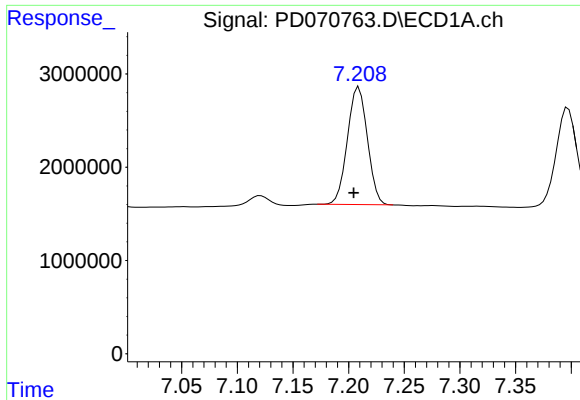
#20 Methoxychlor

R.T.: 6.977 min
Delta R.T.: 0.003 min
Response: 8245295
Conc: 5.77 ng/ml



#20 Methoxychlor

R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 42629699
Conc: 6.22 ng/ml



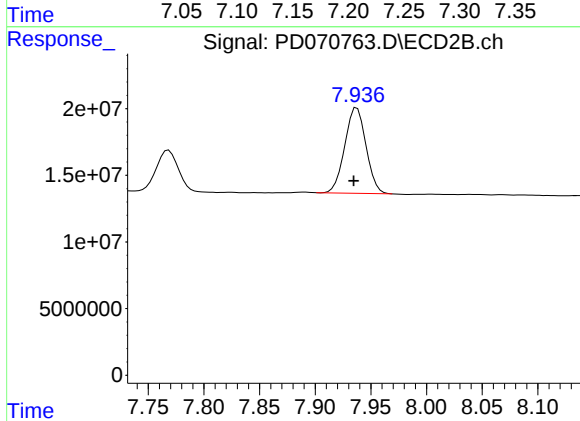
#21 Endrin ketone

R.T.: 7.209 min
Delta R.T.: 0.005 min
Response: 15770244
Conc: 5.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

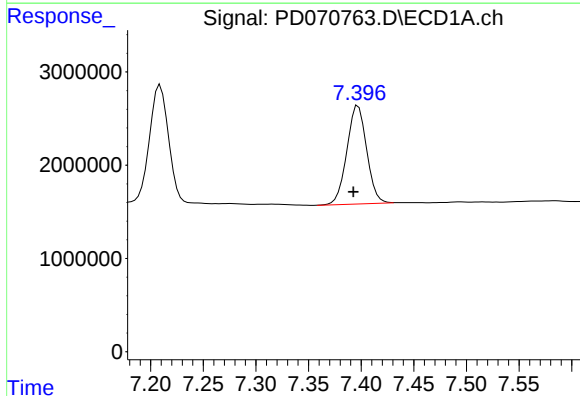
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2022
Supervised By :Ankita Jodhani 07/08/2022



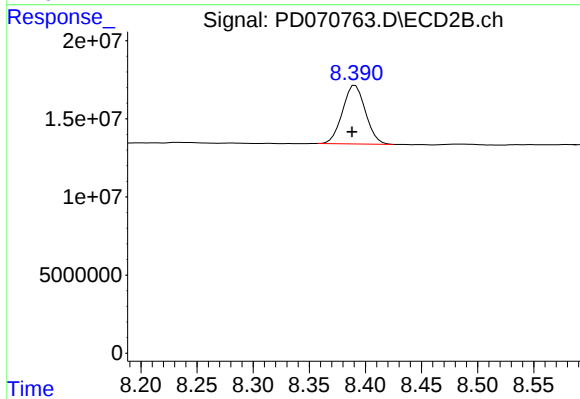
#21 Endrin ketone

R.T.: 7.938 min
Delta R.T.: 0.003 min
Response: 85291950
Conc: 6.65 ng/ml



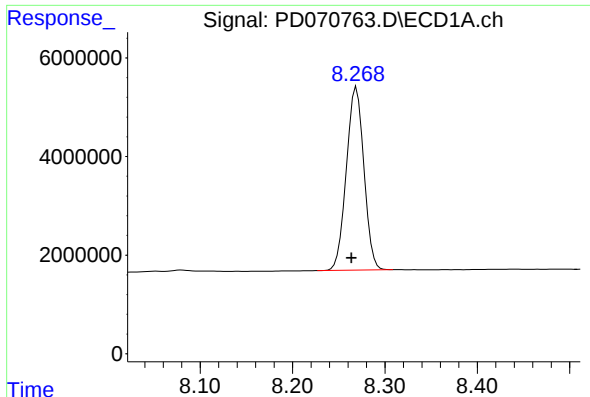
#22 Mirex

R.T.: 7.396 min
Delta R.T.: 0.003 min
Response: 13858164
Conc: 6.33 ng/ml m



#22 Mirex

R.T.: 8.390 min
Delta R.T.: 0.001 min
Response: 53451555
Conc: 6.69 ng/ml m



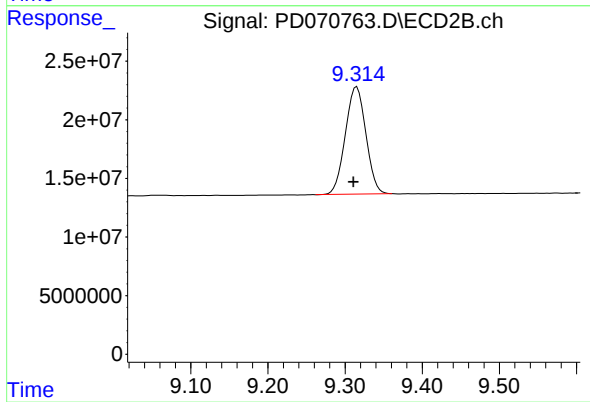
#28 Decachlorobiphenyl

R.T.: 8.269 min
Delta R.T.: 0.005 min
Response: 49072076
Conc: 19.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.315 min
Delta R.T.: 0.004 min
Response: 169635780
Conc: 20.62 ng/ml