

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
 Data File : PD070050.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2022 09:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/06/2022
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 10:02:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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 x 0.2 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...	3.442	4.168	53948284	516.5E6	50.693	58.611
28)	SA Decachlor...	8.195	9.362	52181390	302.6E6	47.840	55.961
Target Compounds							
2)	A alpha-BHC	3.880	4.565	82228078	775.9E6	50.178	59.253
3)	MA gamma-BHC...	4.164	4.855	79176184	715.5E6	45.874	58.004 #
4)	MA Heptachlor	4.461	5.381	74284913	688.2E6	49.758	59.112
5)	MB Aldrin	4.708	5.694	72243544	663.5E6	49.849	57.513
6)	B beta-BHC	4.415	5.019	33849287	320.5E6	48.635	61.012 #
7)	B delta-BHC	4.618	5.243	76703541	659.4E6	50.344	69.310m#
8)	B Heptachlo...	5.151	6.082	66865814	587.3E6	50.072	74.635 #
9)	A Endosulfan I	5.490	6.445	62540640	531.0E6	49.913	58.224
10)	B gamma-Chl...	5.377	6.319	67310800	579.3E6	49.744	58.454
11)	B alpha-Chl...	5.436	6.394	66407585	561.7E6	49.881	57.796
12)	B 4,4'-DDE	5.601	6.544	63542106	526.1E6	50.153	58.148
13)	MA Dieldrin	5.733	6.703	65832266	549.8E6	50.012	58.274
14)	MA Endrin	5.992	6.921	57060994	375.4E6	49.418	55.621m
15)	B Endosulfa...	6.266	7.129	55058548	421.5E6	49.498	56.752
16)	A 4,4'-DDD	6.118	7.035	54451487	434.5E6	50.325	58.674
17)	MA 4,4'-DDT	6.358	7.338	50520677	417.5E6	50.976	57.051
18)	B Endrin al...	6.435	7.253	43436031	332.1E6	50.554	57.845
19)	B Endosulfa...	6.648	7.478	56895127	413.9E6	49.357	56.131
20)	A Methoxychlor	6.909	7.791	29759796	207.3E6	52.459	58.137
21)	B Endrin ke...	7.141	7.952	66334597	438.0E6	49.780	55.018
22)	Mirex	7.324	8.419	50767353	298.3E6	50.489	55.841

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
Data File : PD070050.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2022 09:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

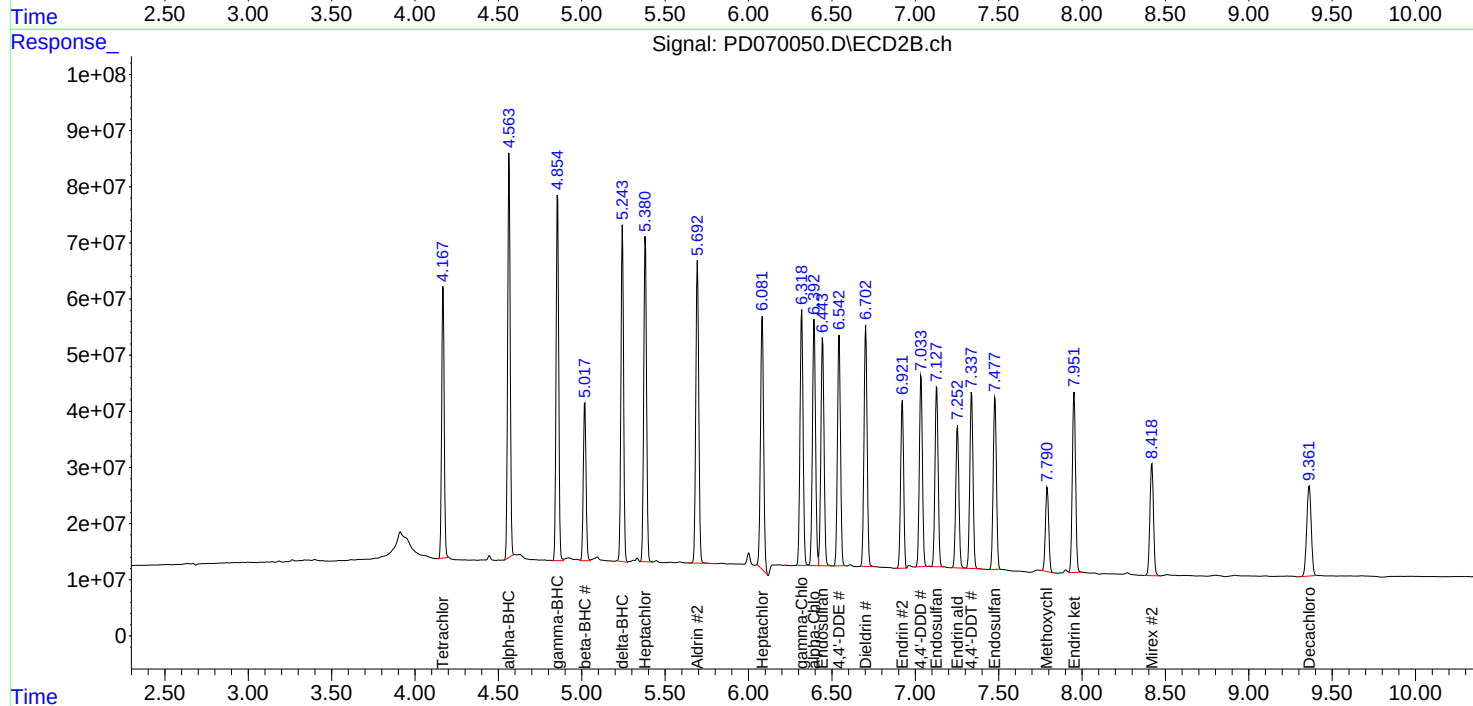
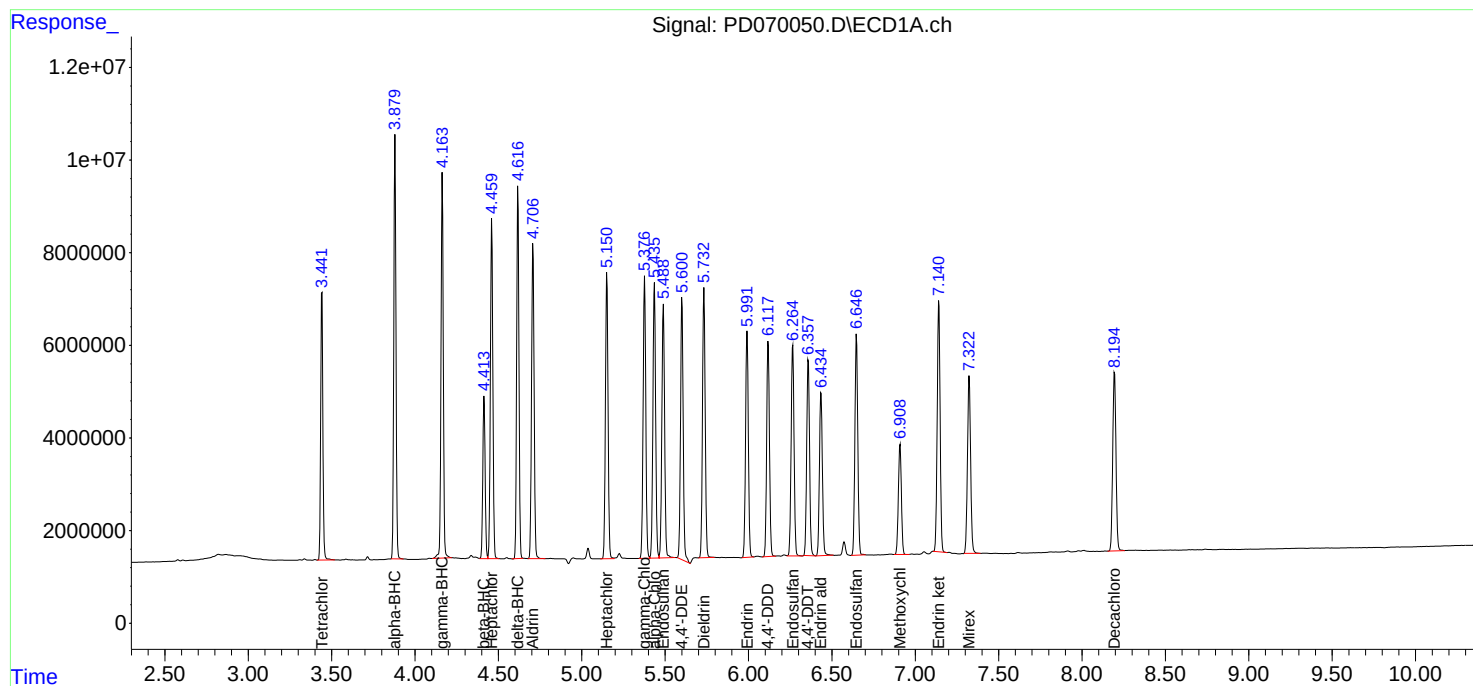
Manual Integrations

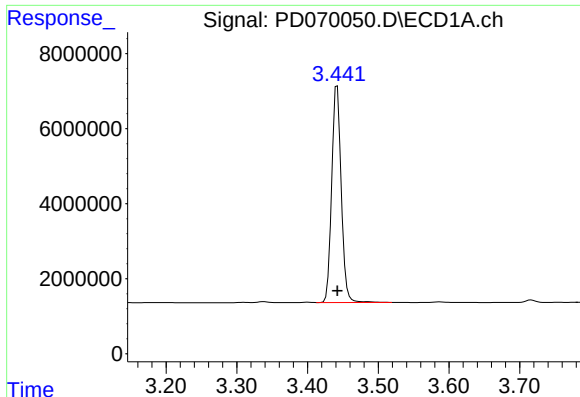
APPROVED

Reviewed By :Abdul Mirza 06/06/2022
Supervised By :Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 10:02:51 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
Quant Title : GC Extractables
QLast Update : Thu May 26 05:06:06 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





#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 53948284
Conc: 50.69 ng/ml

Instrument :

ECD_D

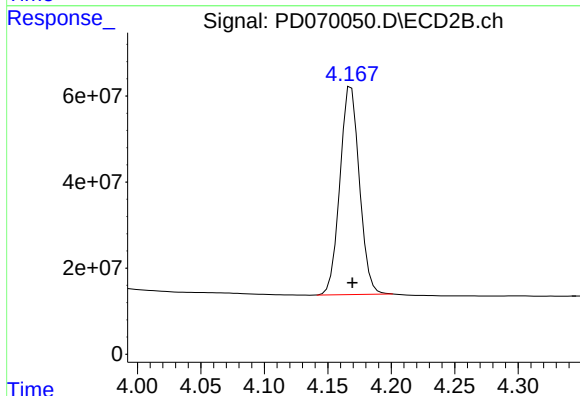
ClientSampleId :

PSTDCCC050

Manual Integrations

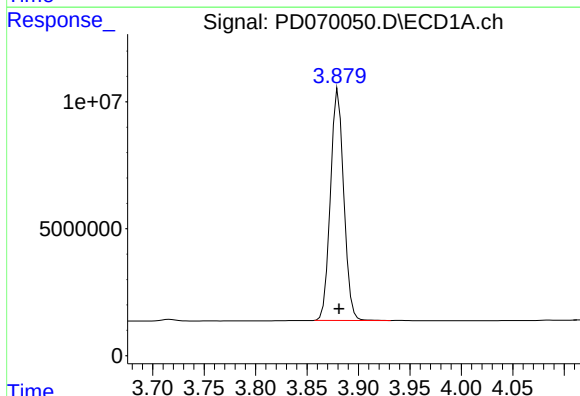
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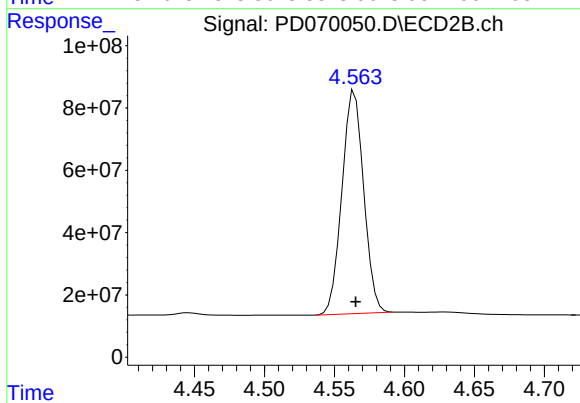
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: 0.000 min
Response: 516461053
Conc: 58.61 ng/ml



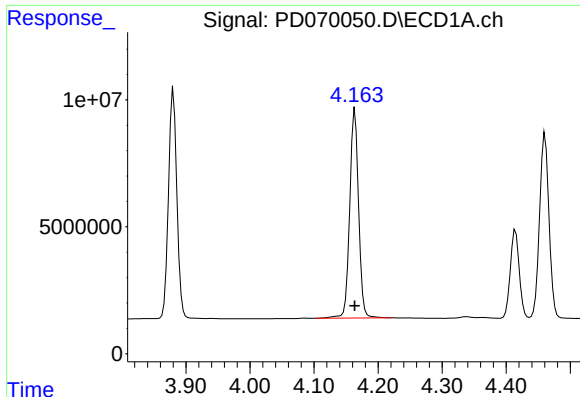
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 82228078
Conc: 50.18 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 775920962
Conc: 59.25 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 79176184
Conc: 45.87 ng/ml

Instrument :

ECD_D

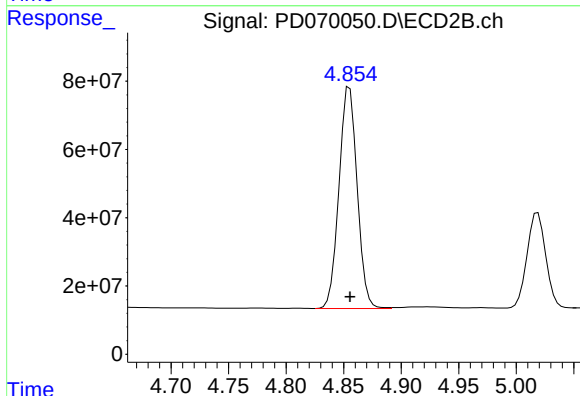
ClientSampleId :

PSTDCCC050

Manual Integrations

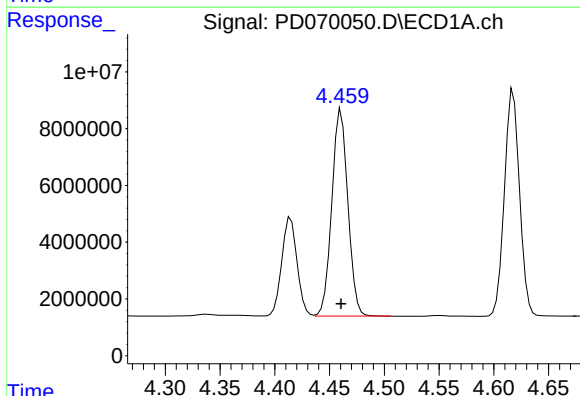
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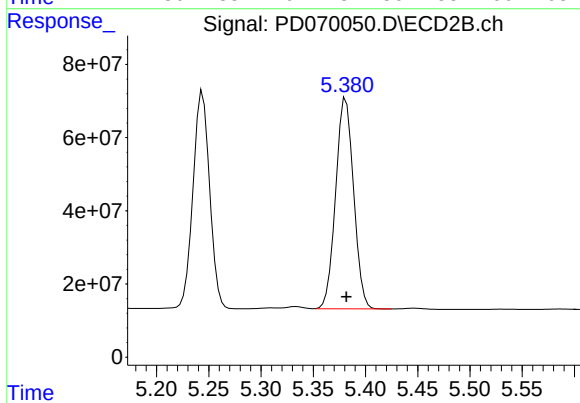
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 715533410
Conc: 58.00 ng/ml



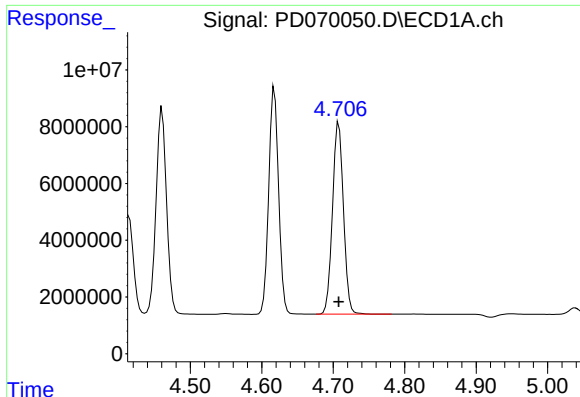
#4 Heptachlor

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 74284913
Conc: 49.76 ng/ml



#4 Heptachlor

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 688161080
Conc: 59.11 ng/ml



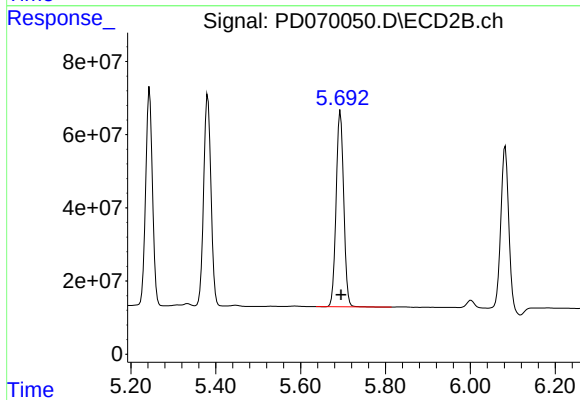
#5 Aldrin

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 72243544
Conc: 49.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

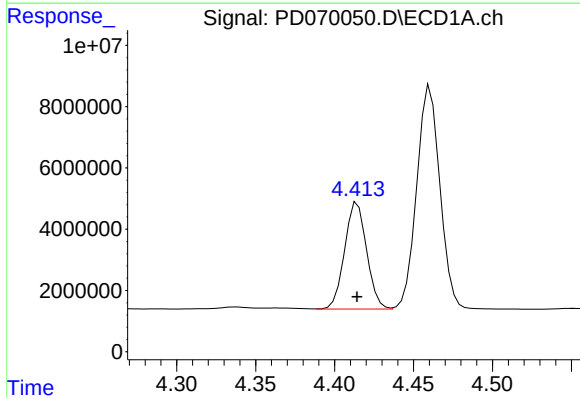
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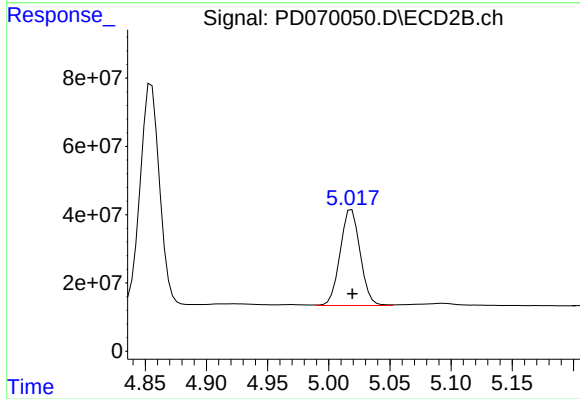
#5 Aldrin

R.T.: 5.694 min
Delta R.T.: -0.001 min
Response: 663465855
Conc: 57.51 ng/ml



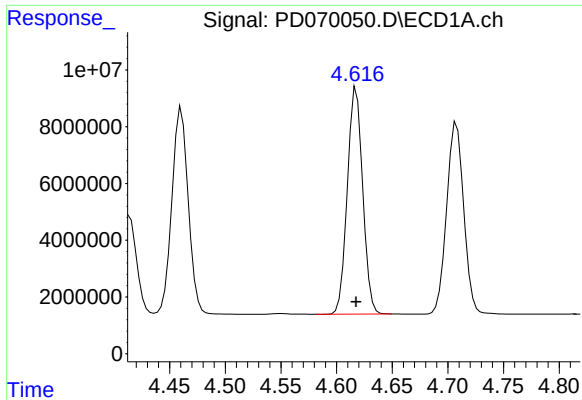
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 33849287
Conc: 48.64 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 320494867
Conc: 61.01 ng/ml



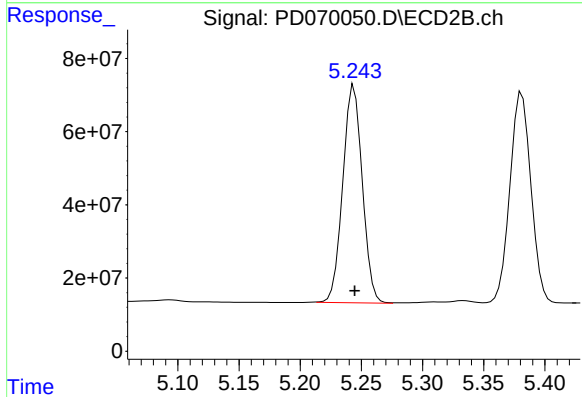
#7 delta-BHC

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 76703541
Conc: 50.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

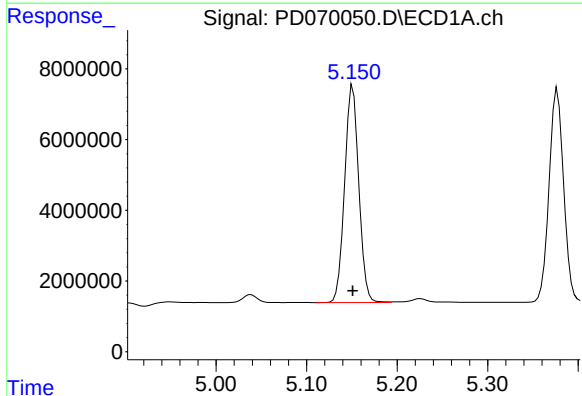
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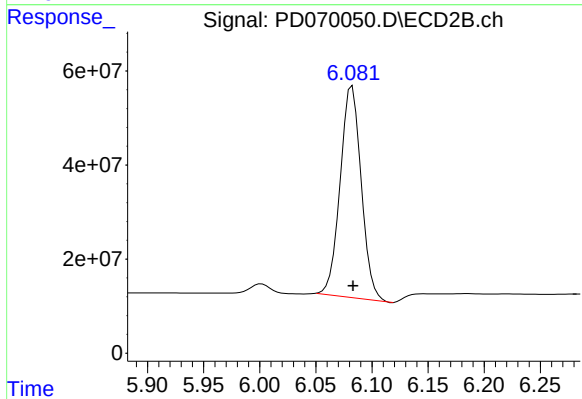
#7 delta-BHC

R.T.: 5.243 min
Delta R.T.: -0.002 min
Response: 659367431
Conc: 69.31 ng/ml m



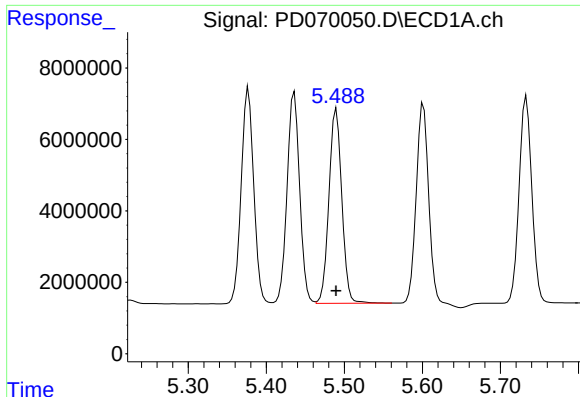
#8 Heptachlor epoxide

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 66865814
Conc: 50.07 ng/ml



#8 Heptachlor epoxide

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 587295405
Conc: 74.64 ng/ml



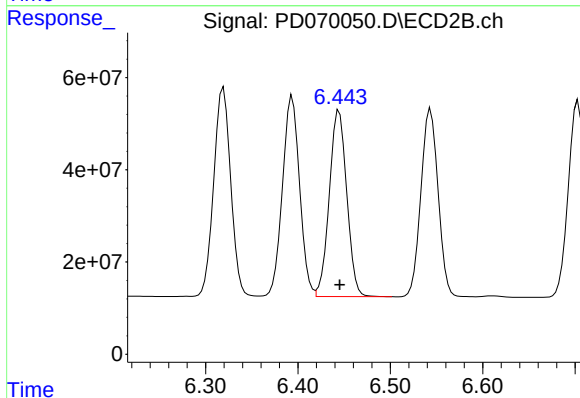
#9 Endosulfan I

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 62540640
Conc: 49.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

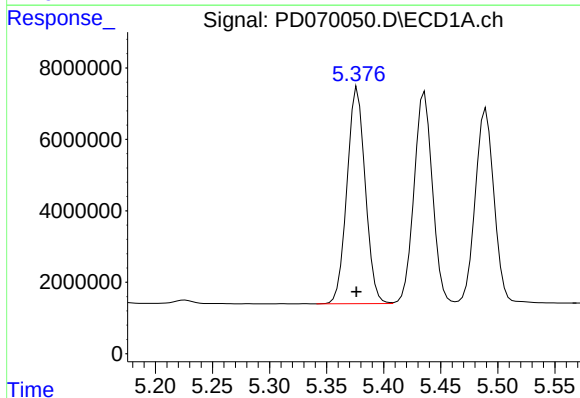
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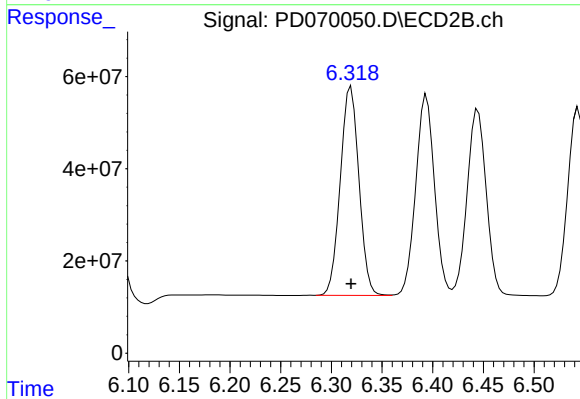
#9 Endosulfan I

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 531028281
Conc: 58.22 ng/ml



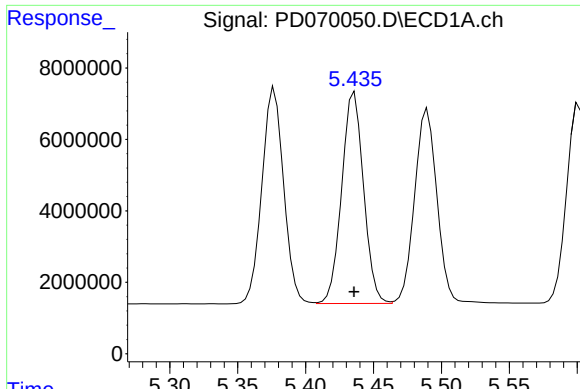
#10 gamma-Chlordane

R.T.: 5.377 min
Delta R.T.: 0.001 min
Response: 67310800
Conc: 49.74 ng/ml



#10 gamma-Chlordane

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 579283342
Conc: 58.45 ng/ml



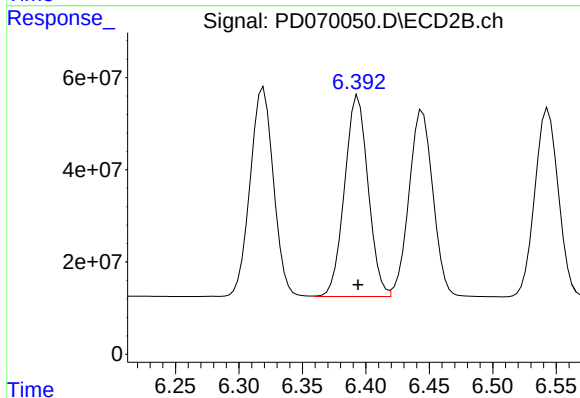
#11 alpha-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 66407585
Conc: 49.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

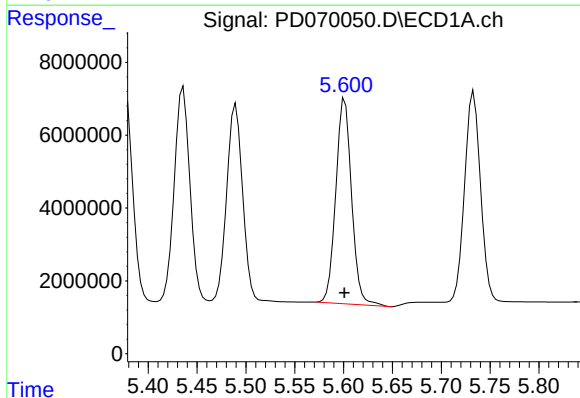
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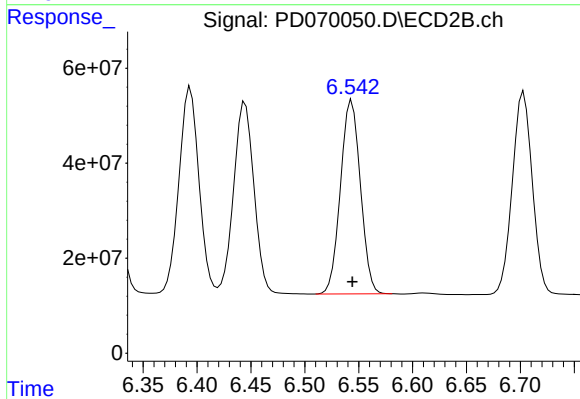
#11 alpha-Chlordane

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 561712421
Conc: 57.80 ng/ml



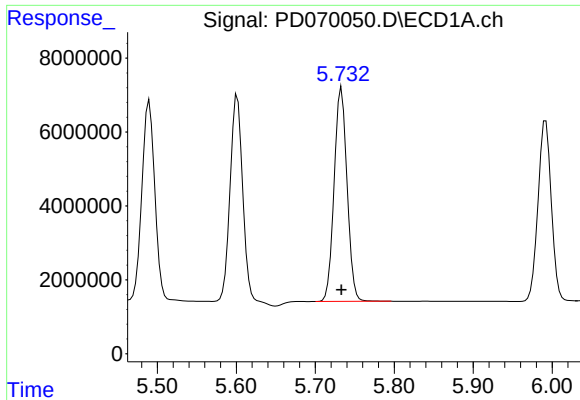
#12 4,4'-DDE

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 63542106
Conc: 50.15 ng/ml



#12 4,4'-DDE

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 526109196
Conc: 58.15 ng/ml



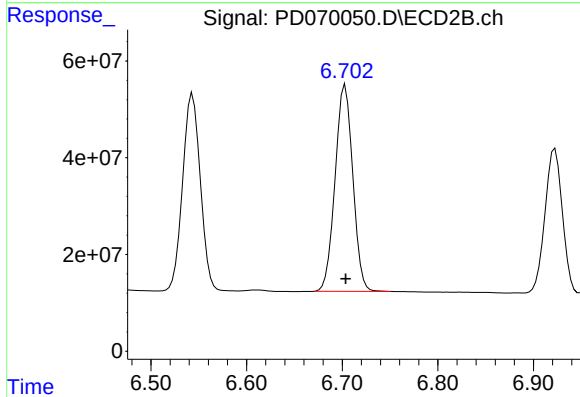
#13 Dieldrin

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 65832266
Conc: 50.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

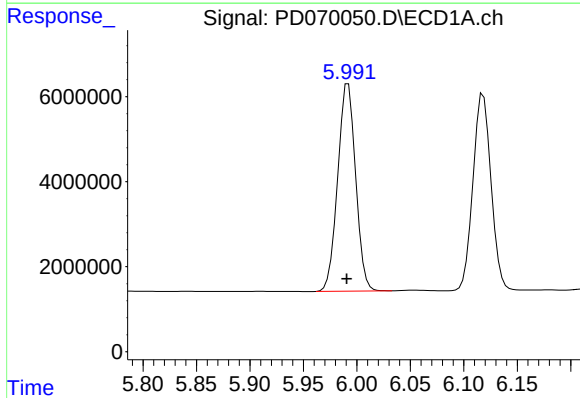
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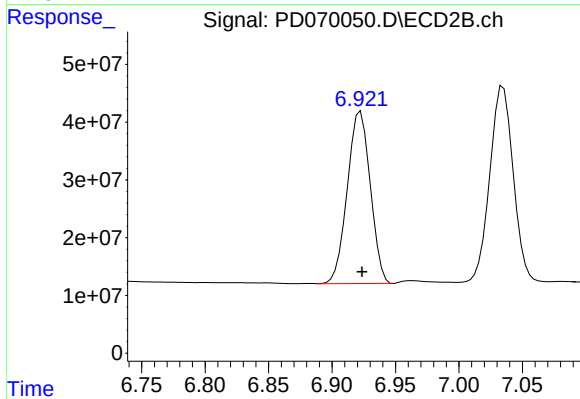
#13 Dieldrin

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 549779734
Conc: 58.27 ng/ml



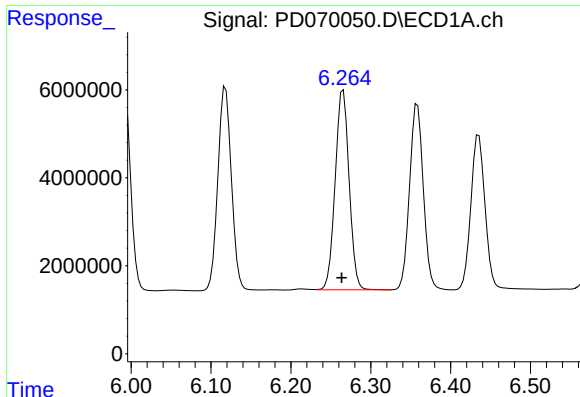
#14 Endrin

R.T.: 5.992 min
Delta R.T.: 0.001 min
Response: 57060994
Conc: 49.42 ng/ml



#14 Endrin

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 375397992
Conc: 55.62 ng/ml m



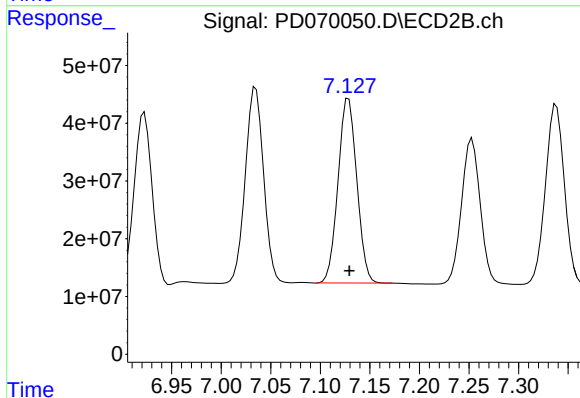
#15 Endosulfan II

R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 55058548
Conc: 49.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

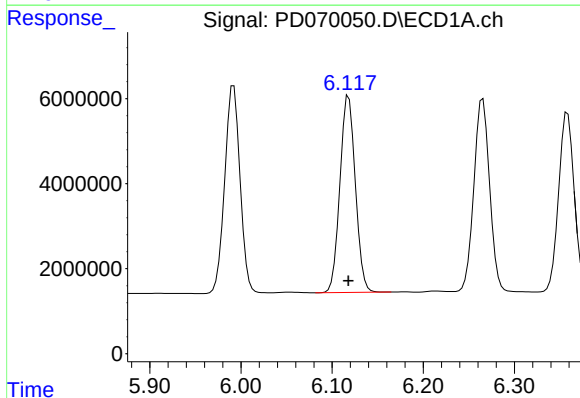
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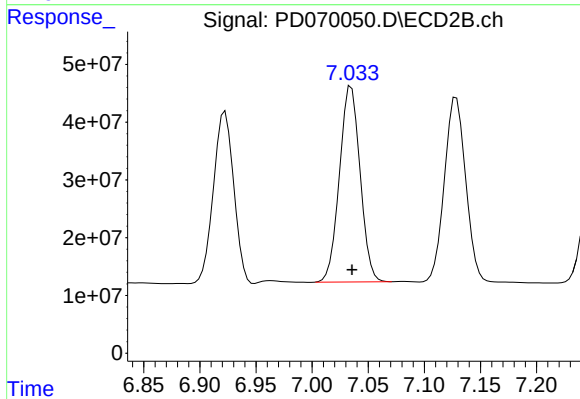
#15 Endosulfan II

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 421545620
Conc: 56.75 ng/ml



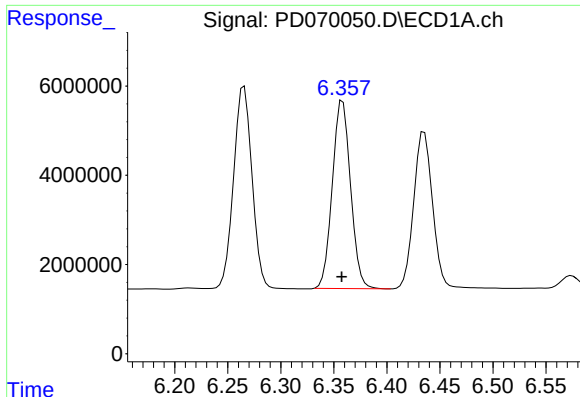
#16 4,4'-DDD

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 54451487
Conc: 50.32 ng/ml



#16 4,4'-DDD

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 434495461
Conc: 58.67 ng/ml



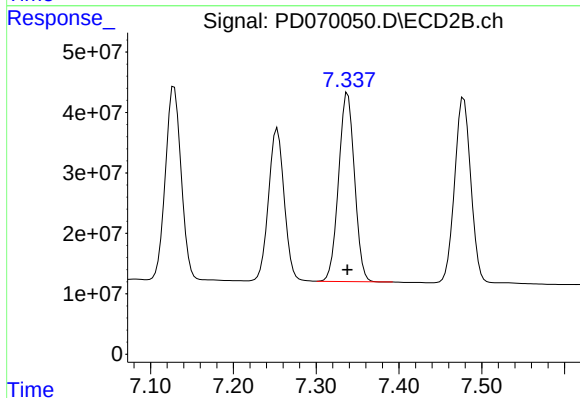
#17 4,4'-DDT

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 50520677
Conc: 50.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

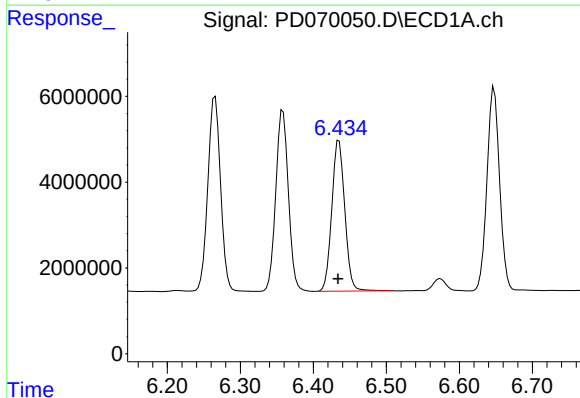
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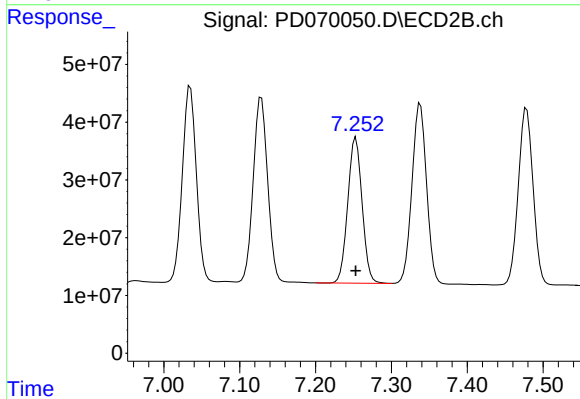
#17 4,4'-DDT

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 417502111
Conc: 57.05 ng/ml



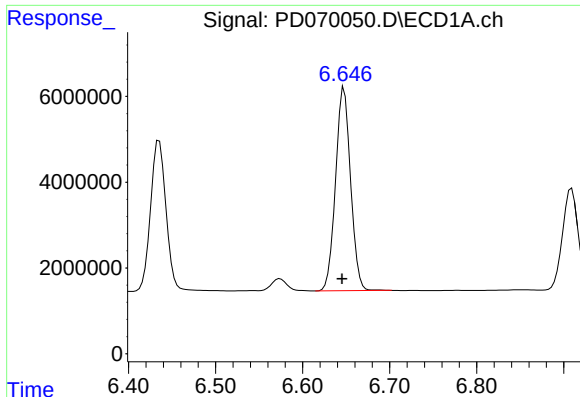
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: 0.001 min
Response: 43436031
Conc: 50.55 ng/ml



#18 Endrin aldehyde

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 332132776
Conc: 57.84 ng/ml



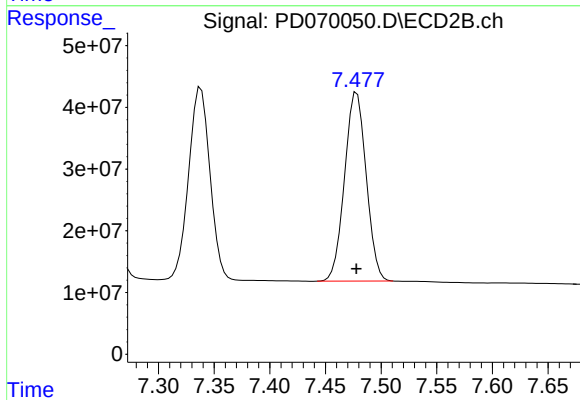
#19 Endosulfan Sulfate

R.T.: 6.648 min
Delta R.T.: 0.002 min
Response: 56895127
Conc: 49.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

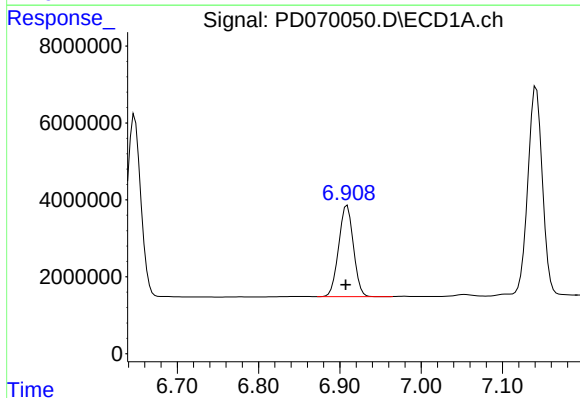
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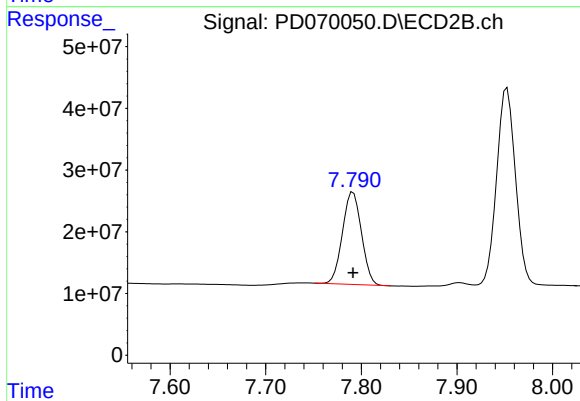
#19 Endosulfan Sulfate

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 413855631
Conc: 56.13 ng/ml



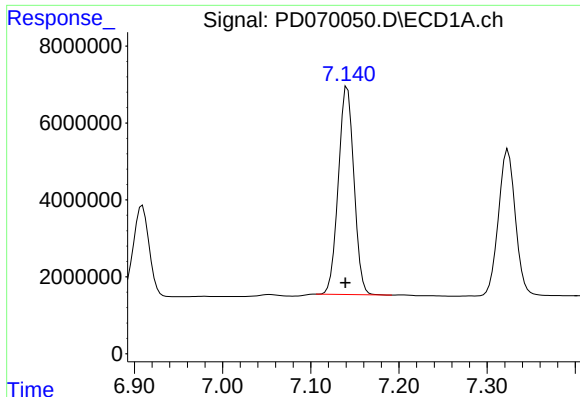
#20 Methoxychlor

R.T.: 6.909 min
Delta R.T.: 0.002 min
Response: 29759796
Conc: 52.46 ng/ml



#20 Methoxychlor

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 207293234
Conc: 58.14 ng/ml



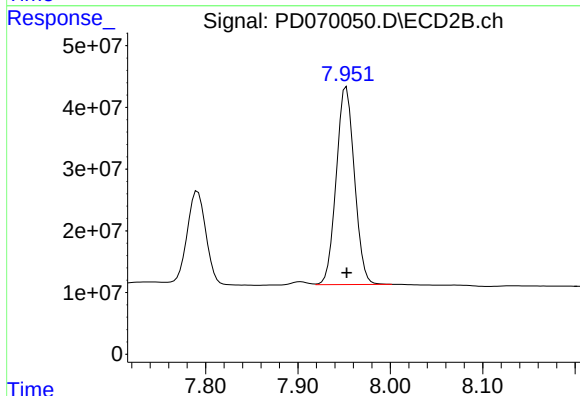
#21 Endrin ketone

R.T.: 7.141 min
Delta R.T.: 0.002 min
Response: 66334597
Conc: 49.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

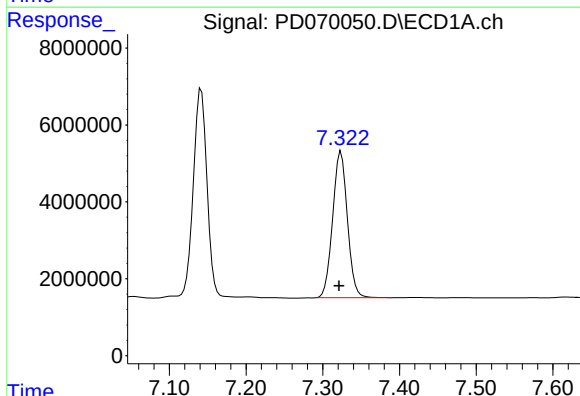
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Reviewed By :Abdul Mirza 06/06/2022
Supervised By :Ankita Jodhani 06/07/2022



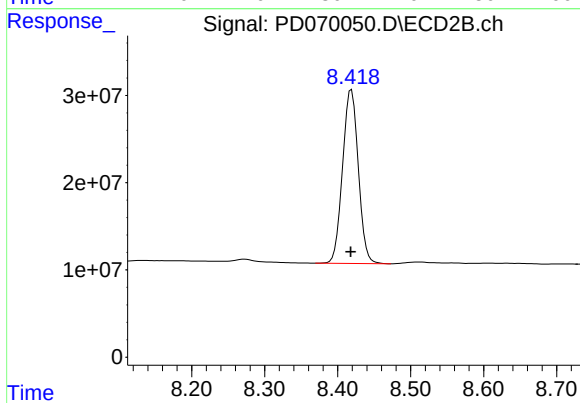
#21 Endrin ketone

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 438012834
Conc: 55.02 ng/ml



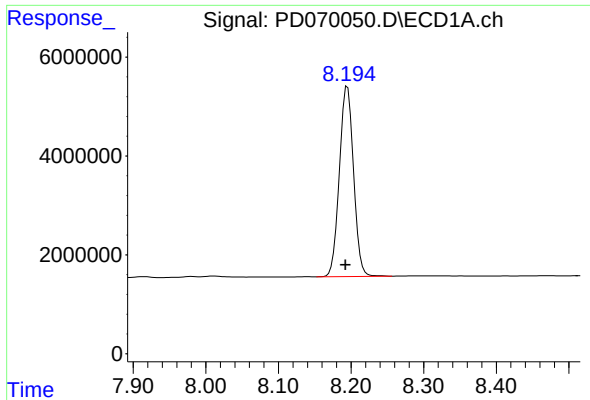
#22 Mirex

R.T.: 7.324 min
Delta R.T.: 0.002 min
Response: 50767353
Conc: 50.49 ng/ml



#22 Mirex

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 298316897
Conc: 55.84 ng/ml



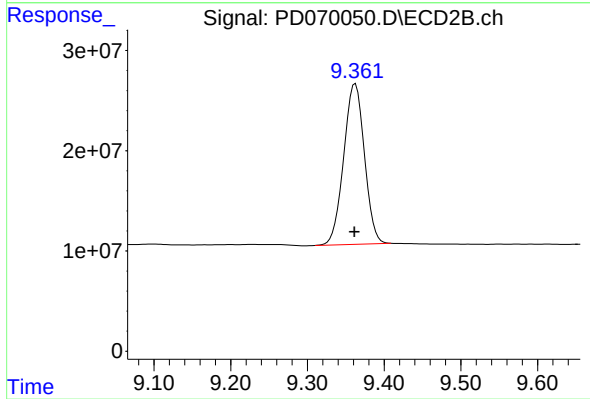
#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.003 min
Response: 52181390
Conc: 47.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2022
Supervised By :Ankita Jodhani 06/07/2022



#28 Decachlorobiphenyl

R.T.: 9.362 min
Delta R.T.: 0.001 min
Response: 302643824
Conc: 55.96 ng/ml