

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
 Data File : PD075903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 15:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 22:27:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.768	105.1E6	51860766	49.339	47.801
28)	SA Decachlor...	9.089	7.913	109.7E6	45084321	43.285	46.108
Target Compounds							
2)	A alpha-BHC	4.006	3.271	184.6E6	78168381	49.988	48.863
3)	MA gamma-BHC...	4.339	3.600	168.7E6	71567748	50.140	48.572
4)	MA Heptachlor	4.931	3.940	173.0E6	70334063	48.240	46.307
5)	MB Aldrin	5.273	4.221	169.9E6	70114154	48.491	47.019
6)	B beta-BHC	4.535	3.898	70281170	30887899	48.884	48.458
7)	B delta-BHC	4.784	4.128	171.0E6	72246453	51.454	49.860
8)	B Heptachlo...	5.700	4.723	151.5E6	63630756	47.006	46.323
9)	A Endosulfan I	6.088	5.094	141.3E6	59113968	47.120	46.248
10)	B gamma-Chl...	5.957	4.974	154.1E6	64525870	47.838	47.027
11)	B alpha-Chl...	6.037	5.038	152.6E6	63705036	47.214	46.440
12)	B 4,4'-DDE	6.208	5.228	139.5E6	57313574	48.799	51.349
13)	MA Dieldrin	6.363	5.359	147.7E6	63051792	47.250	46.734
14)	MA Endrin	6.594	5.635	120.2E6	53771695	44.939	44.184
15)	B Endosulfa...	6.813	5.929	117.8E6	50833636	45.588	47.118
16)	A 4,4'-DDD	6.727	5.782	116.2E6	49575411	51.080	56.254
17)	MA 4,4'-DDT	7.042	6.034	106.8E6	42619950	47.053	52.469
18)	B Endrin al...	6.941	6.108	92830105	40775971	46.262m	47.113
19)	B Endosulfa...	7.177	6.331	117.6E6	52066854	46.668	48.183
20)	A Methoxychlor	7.517	6.609	57266257	23788371	44.242	51.396
21)	B Endrin ke...	7.663	6.838	132.1E6	60300482	47.431	49.632
22)	Mirex	8.139	7.020	95532382	46558525	44.588	44.417

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
Data File : PD075903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 15:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

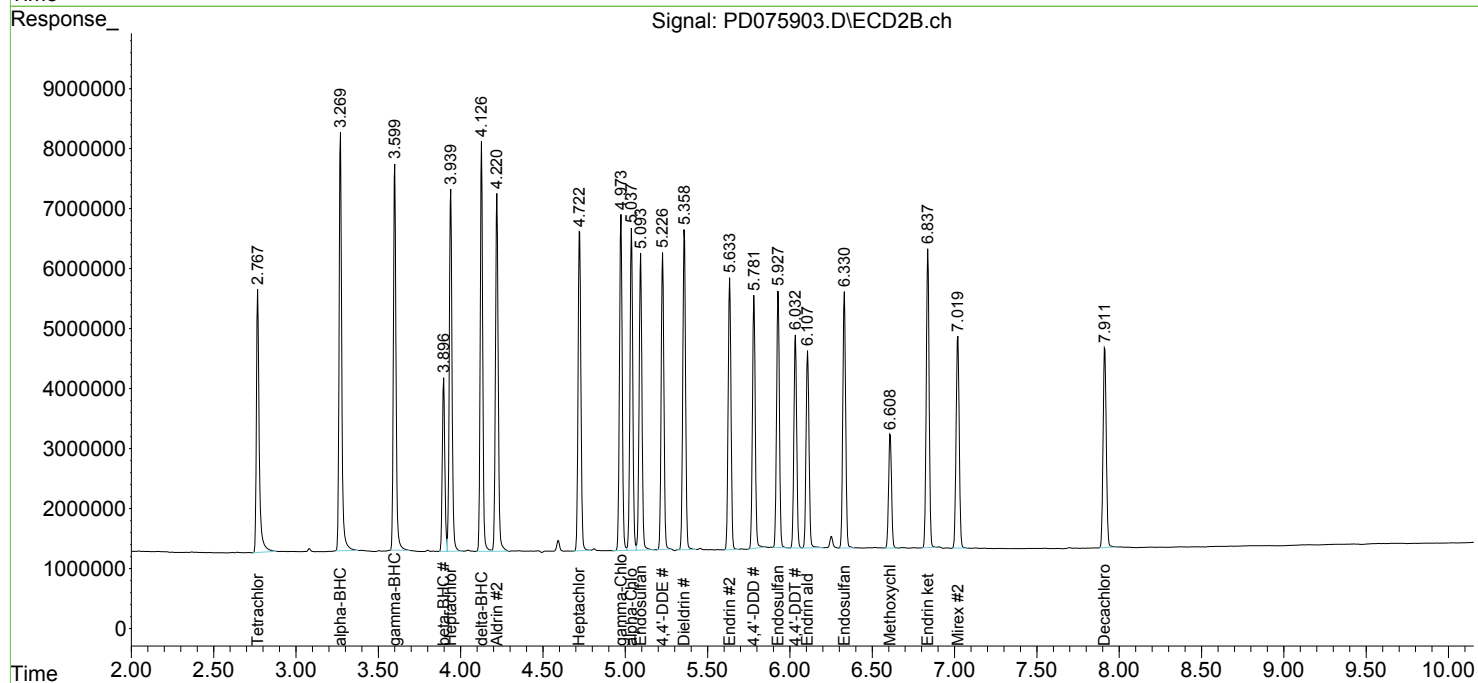
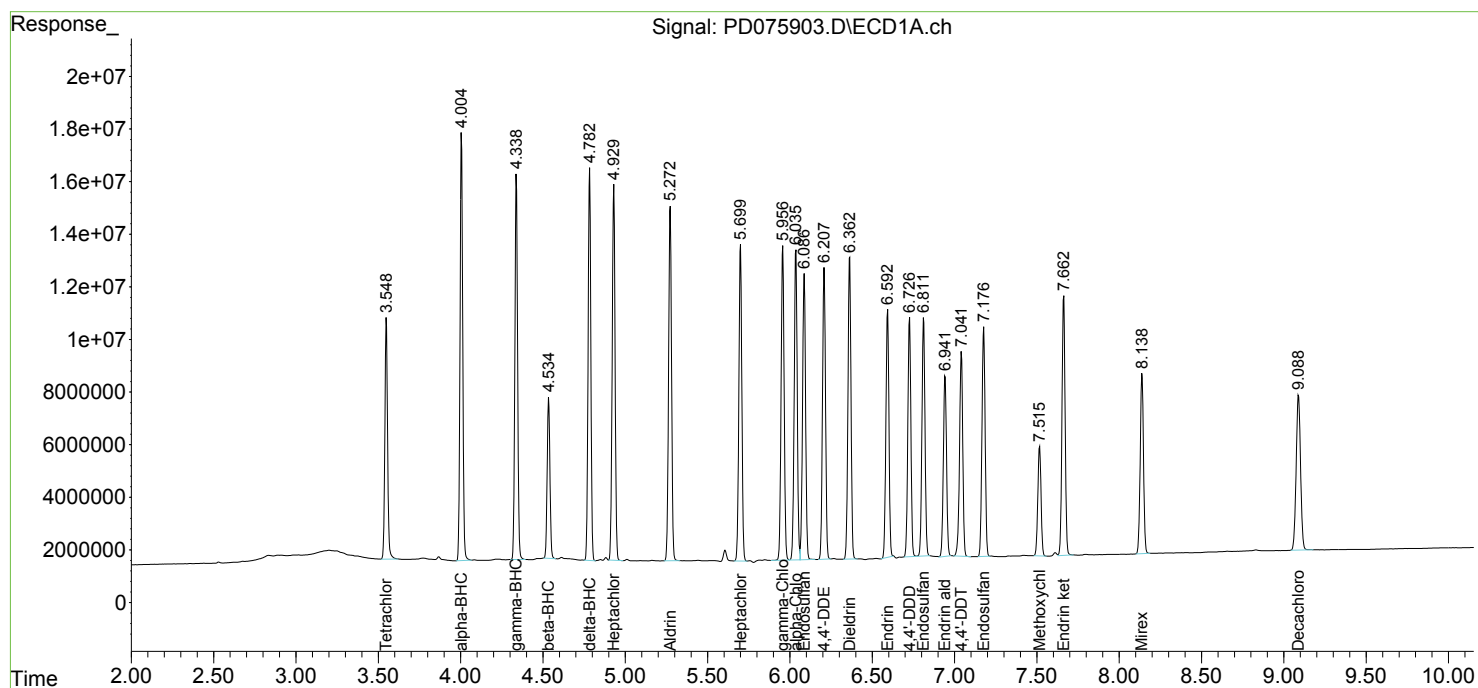
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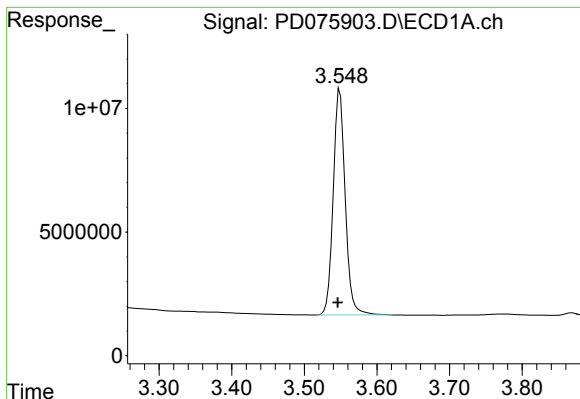
Reviewed By :Abdul Mirza 06/20/2023

Supervised By :Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 22:27:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
Response via : Initial Calibration
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.003 min
Response: 105099751
Conc: 49.34 ng/ml

Instrument :

ECD_D

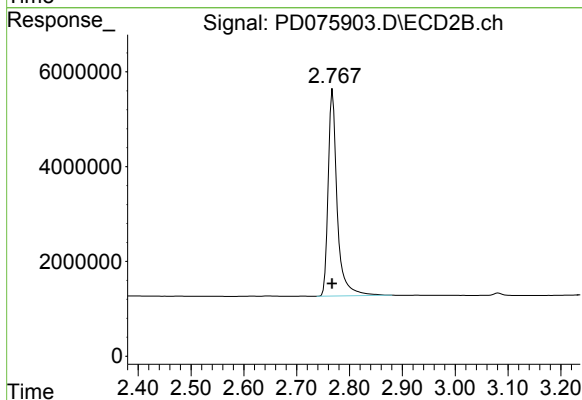
ClientSampleId :

PSTDCCC050

Manual Integrations

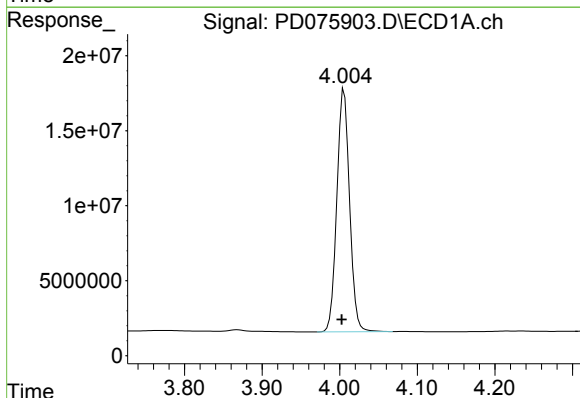
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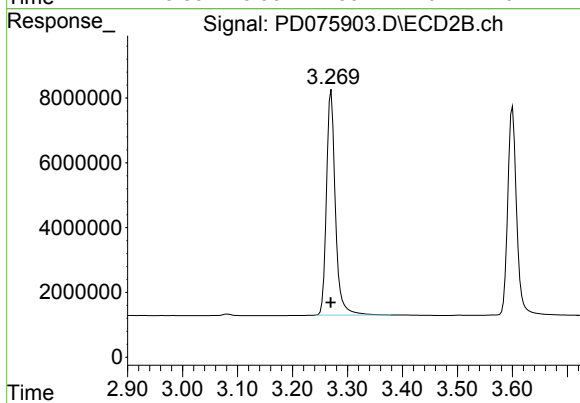
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 51860766
Conc: 47.80 ng/ml



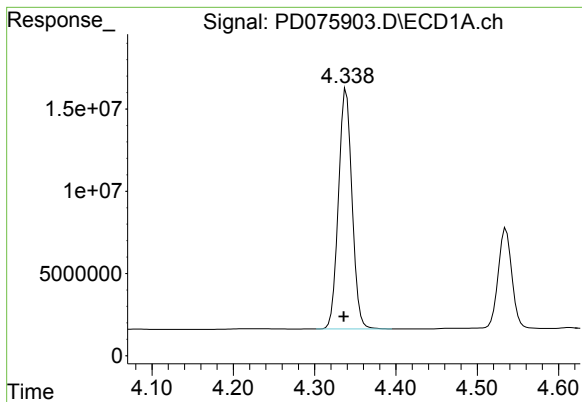
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.003 min
Response: 184561394
Conc: 49.99 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 78168381
Conc: 48.86 ng/ml



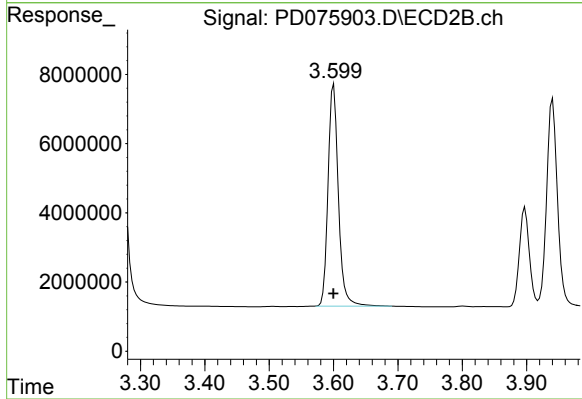
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.003 min
Response: 168715721
Conc: 50.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

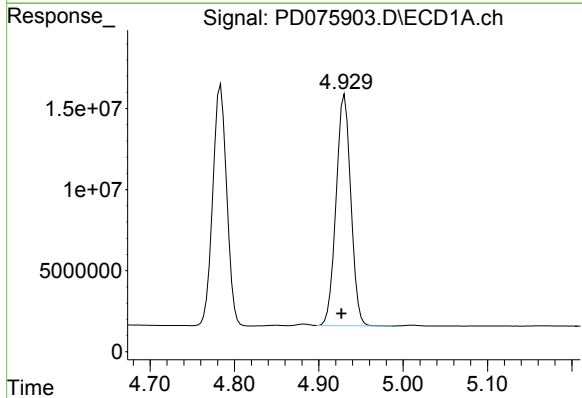
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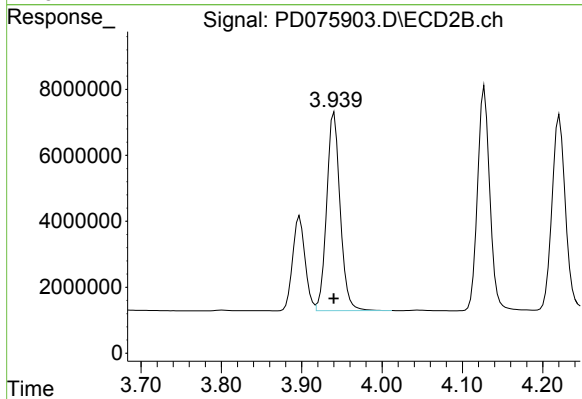
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 71567748
Conc: 48.57 ng/ml



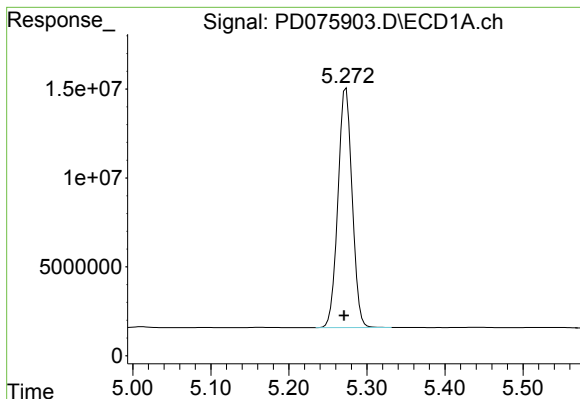
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.004 min
Response: 173018119
Conc: 48.24 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 70334063
Conc: 46.31 ng/ml



#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.003 min
Response: 169924354
Conc: 48.49 ng/ml

Instrument :

ECD_D

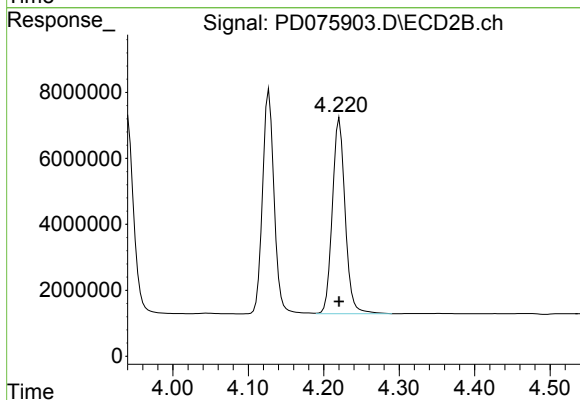
ClientSampleId :

PSTDCCC050

Manual Integrations

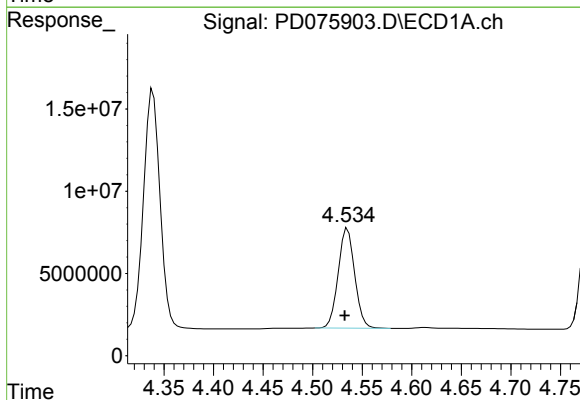
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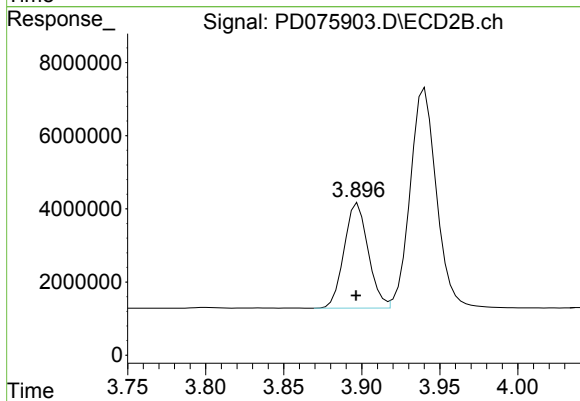
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 70114154
Conc: 47.02 ng/ml



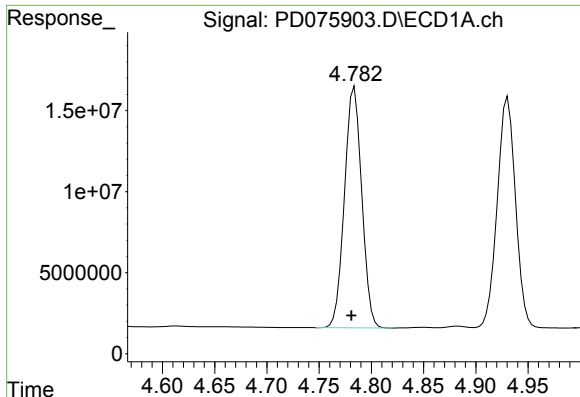
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.003 min
Response: 70281170
Conc: 48.88 ng/ml



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: 0.001 min
Response: 30887899
Conc: 48.46 ng/ml



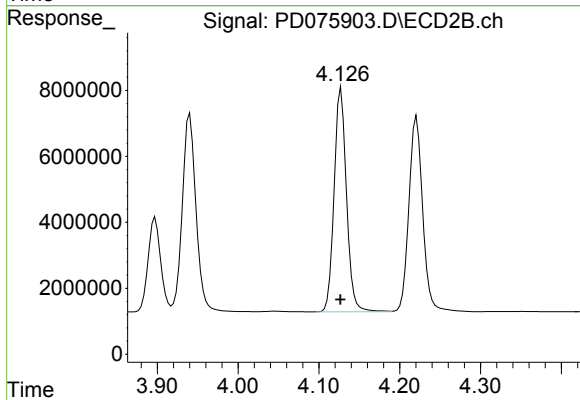
#7 delta-BHC

R.T.: 4.784 min
Delta R.T.: 0.003 min
Response: 171016022
Conc: 51.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

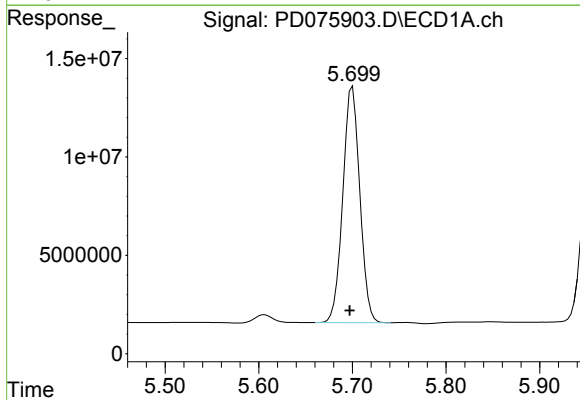
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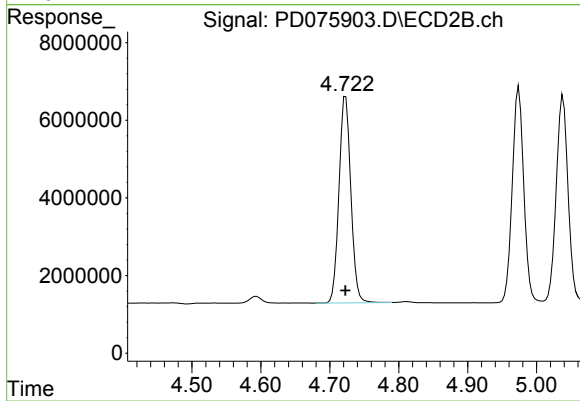
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 72246453
Conc: 49.86 ng/ml



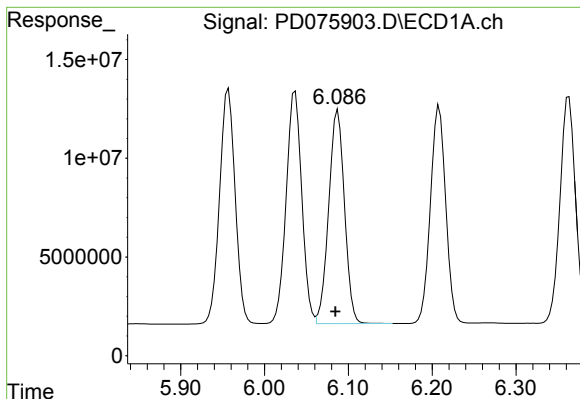
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.003 min
Response: 151466536
Conc: 47.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 63630756
Conc: 46.32 ng/ml



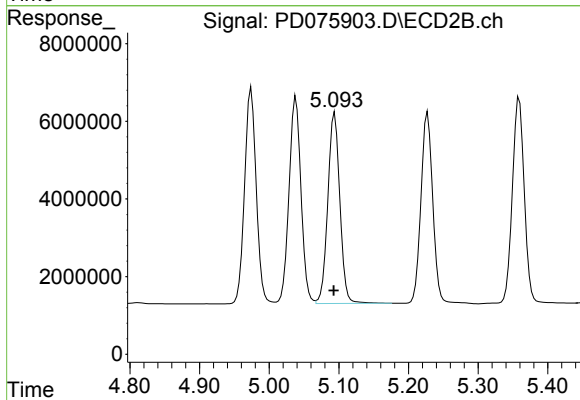
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: 0.003 min
Response: 141337185
Conc: 47.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

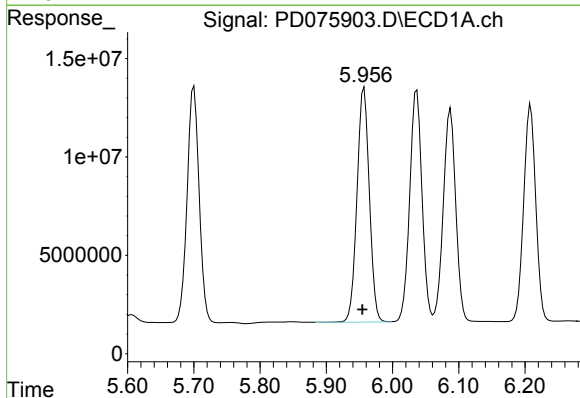
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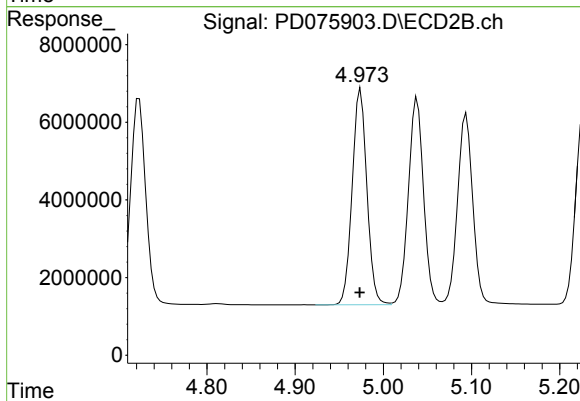
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.001 min
Response: 59113968
Conc: 46.25 ng/ml



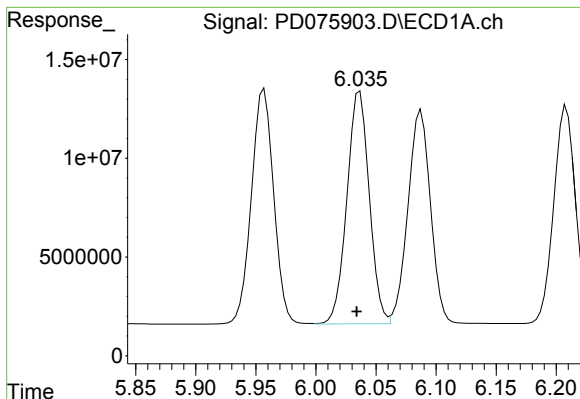
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 154101125
Conc: 47.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.001 min
Response: 64525870
Conc: 47.03 ng/ml



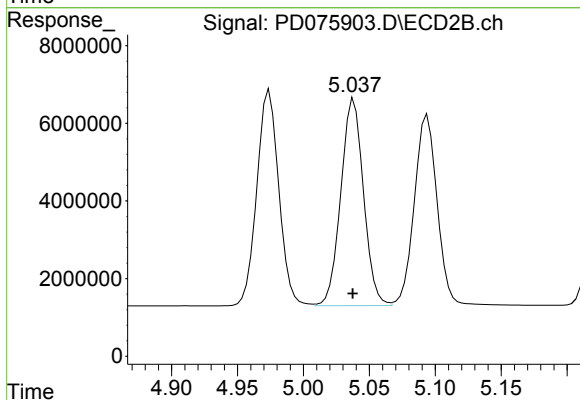
#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: 0.003 min
Response: 152638868
Conc: 47.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

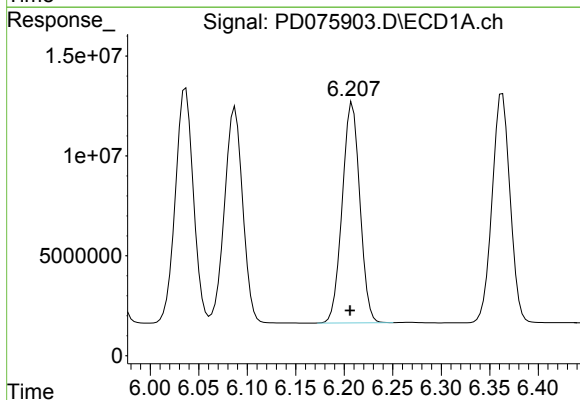
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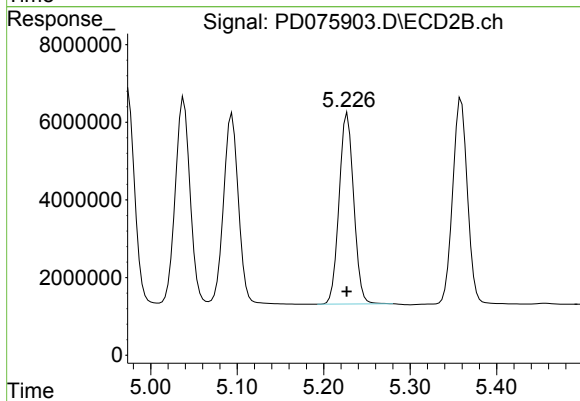
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 63705036
Conc: 46.44 ng/ml



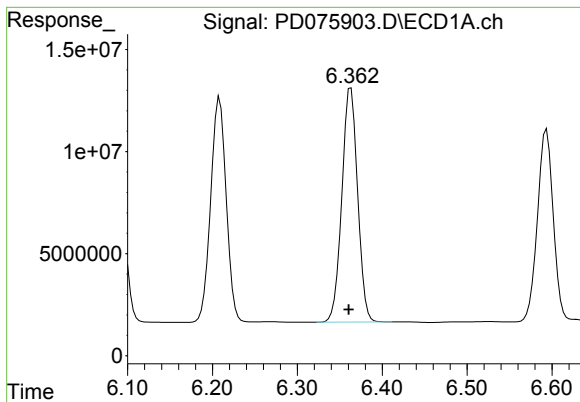
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 139474777
Conc: 48.80 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: 0.001 min
Response: 57313574
Conc: 51.35 ng/ml



#13 Dieldrin

R.T.: 6.363 min
Delta R.T.: 0.003 min
Response: 147653749
Conc: 47.25 ng/ml

Instrument :

ECD_D

ClientSampleId :

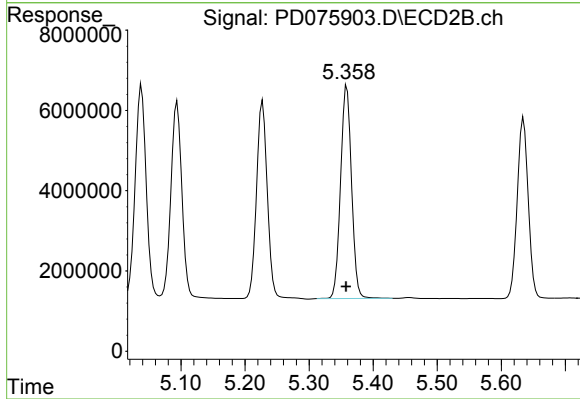
PSTDCCC050

Manual Integrations

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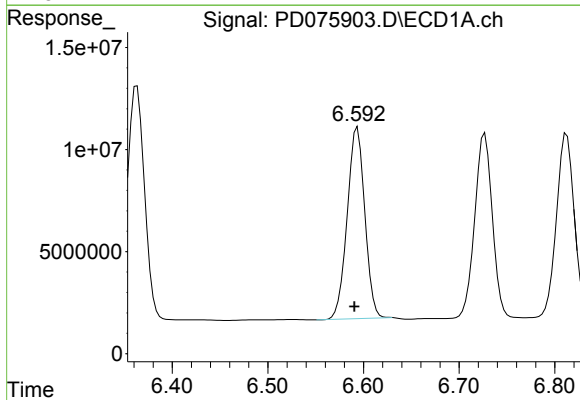
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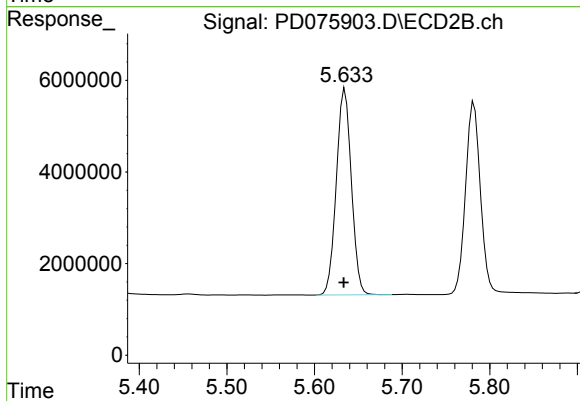
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 63051792
Conc: 46.73 ng/ml



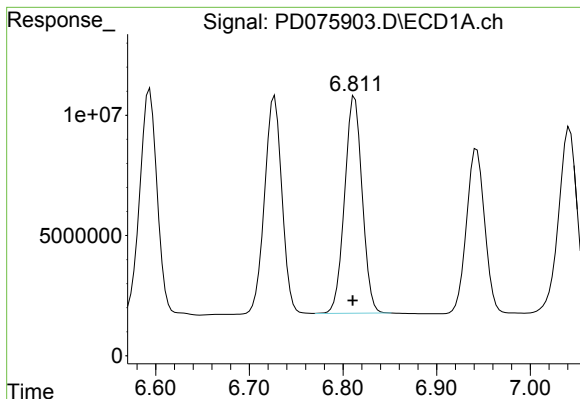
#14 Endrin

R.T.: 6.594 min
Delta R.T.: 0.003 min
Response: 120182067
Conc: 44.94 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.002 min
Response: 53771695
Conc: 44.18 ng/ml



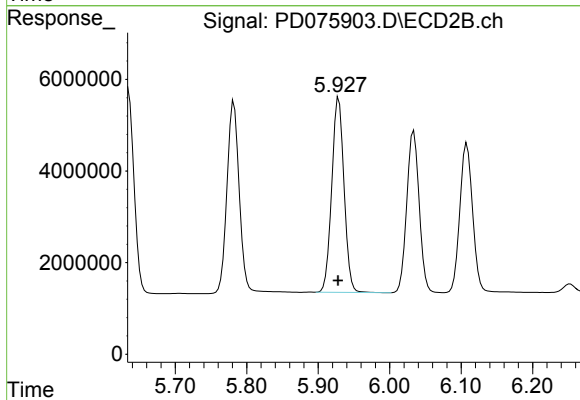
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: 0.002 min
Response: 117783082
Conc: 45.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

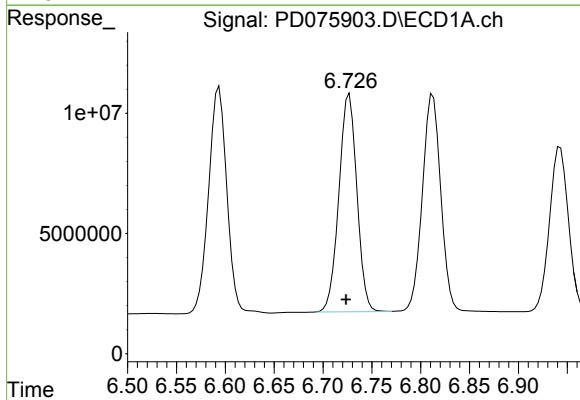
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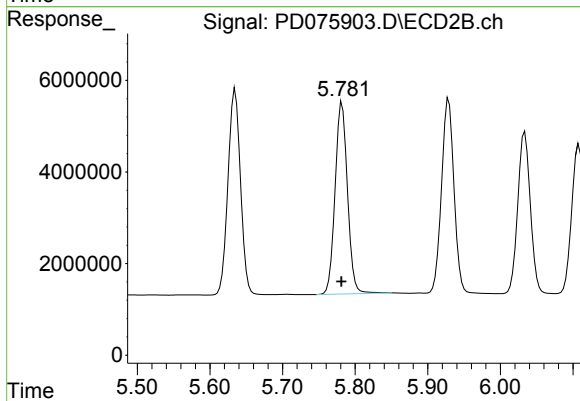
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.001 min
Response: 50833636
Conc: 47.12 ng/ml



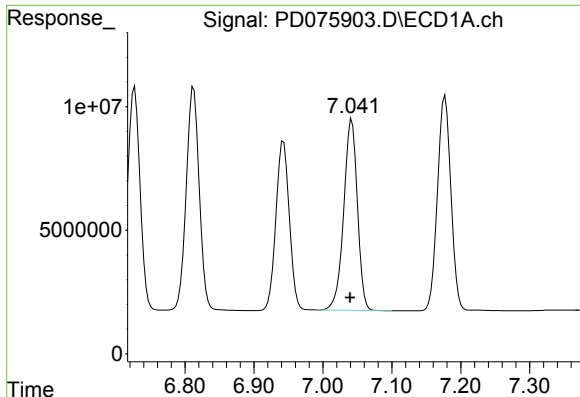
#16 4,4'-DDD

R.T.: 6.727 min
Delta R.T.: 0.003 min
Response: 116240288
Conc: 51.08 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 49575411
Conc: 56.25 ng/ml



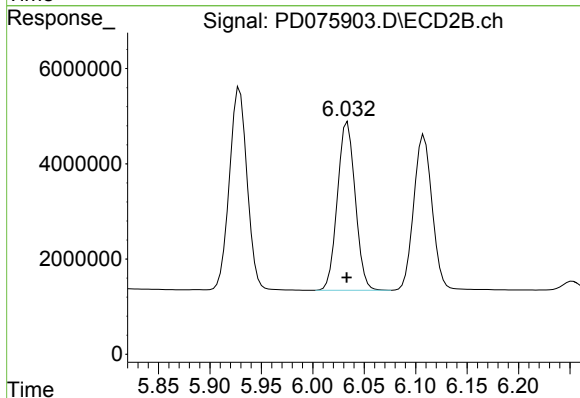
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: 0.002 min
Response: 106775818
Conc: 47.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

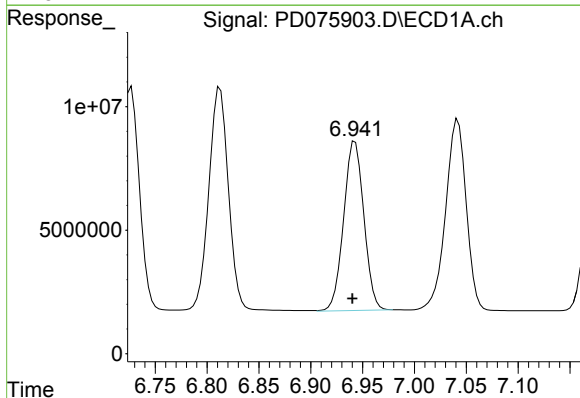
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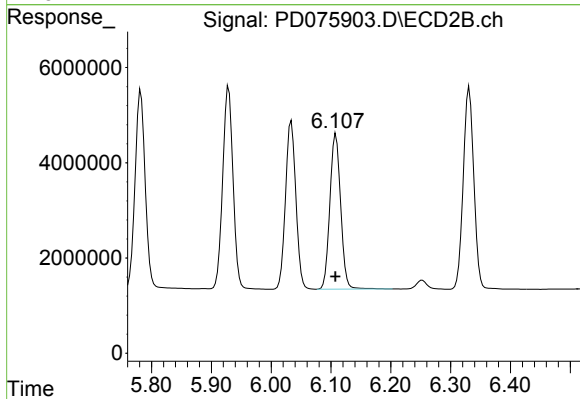
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 42619950
Conc: 52.47 ng/ml



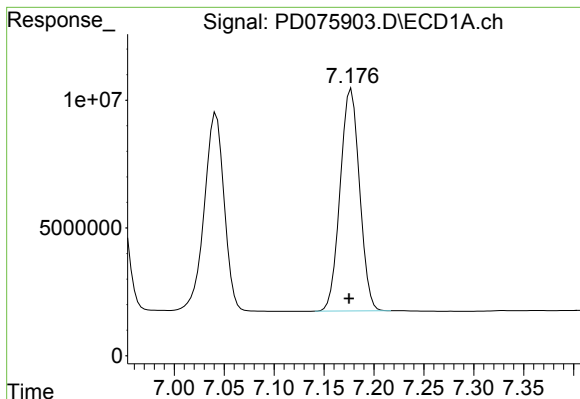
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.001 min
Response: 92830105
Conc: 46.26 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 40775971
Conc: 47.11 ng/ml



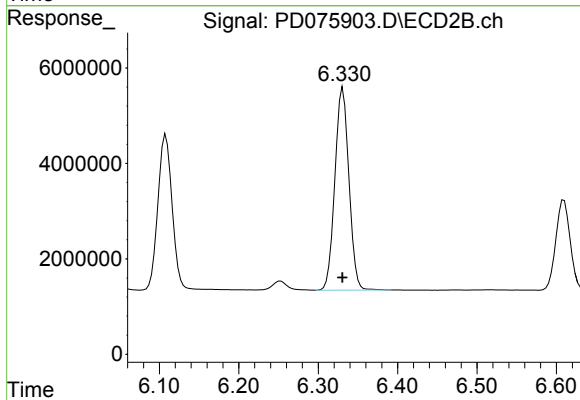
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: 0.002 min
Response: 117571938
Conc: 46.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

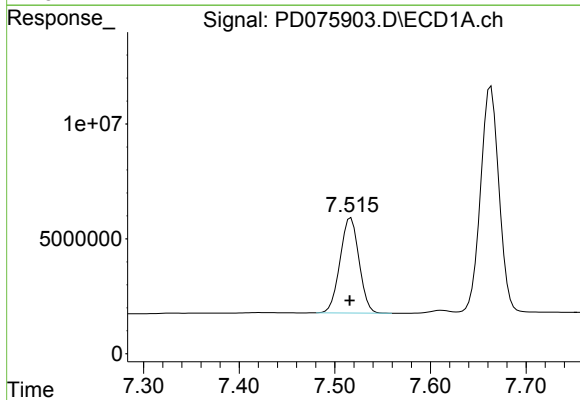
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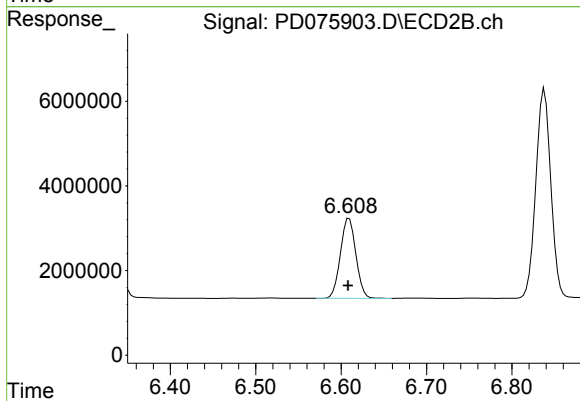
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 52066854
Conc: 48.18 ng/ml



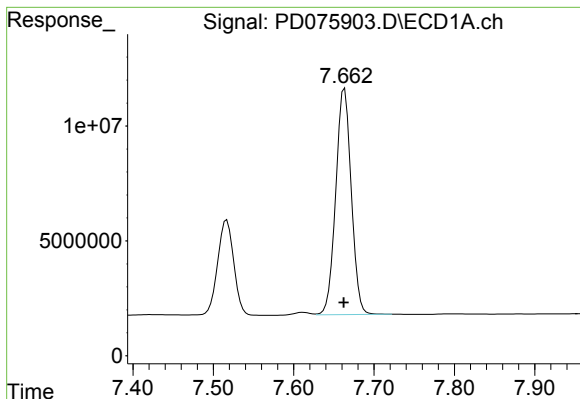
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.001 min
Response: 57266257
Conc: 44.24 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.001 min
Response: 23788371
Conc: 51.40 ng/ml



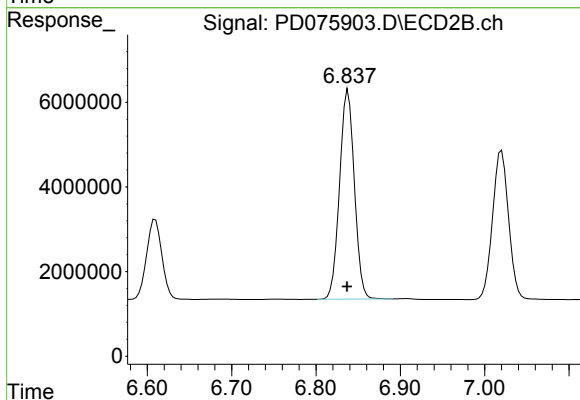
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 132140137
Conc: 47.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

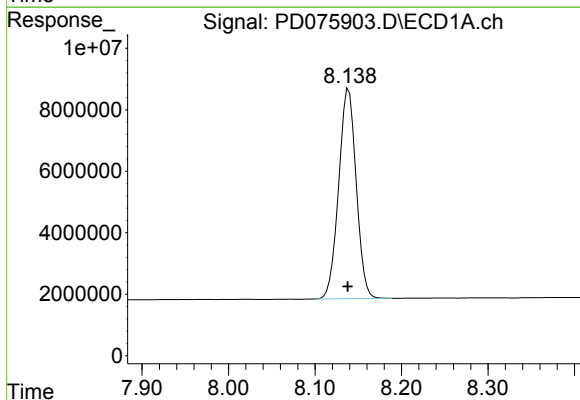
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



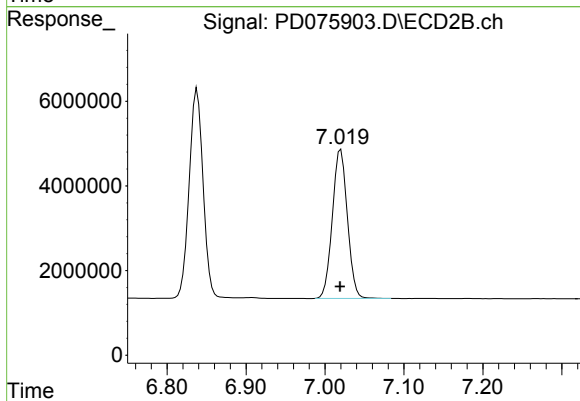
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 60300482
Conc: 49.63 ng/ml



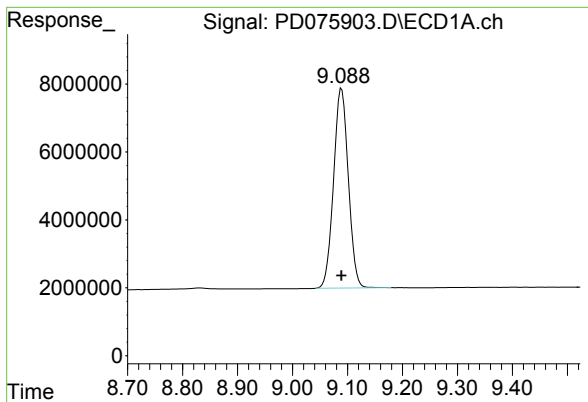
#22 Mirex

R.T.: 8.139 min
Delta R.T.: 0.001 min
Response: 95532382
Conc: 44.59 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.001 min
Response: 46558525
Conc: 44.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 109656973
Conc: 43.29 ng/ml

Instrument :

ECD_D

ClientSampleId :

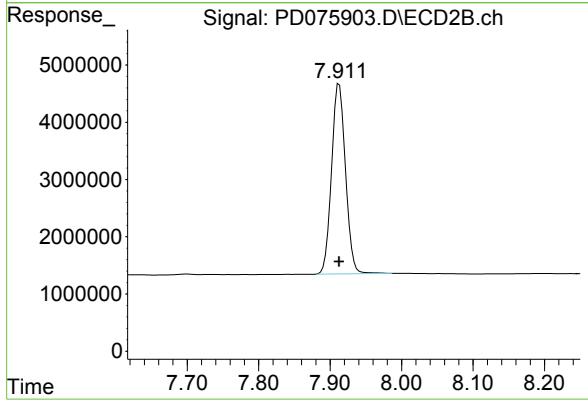
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 45084321
Conc: 46.11 ng/ml