

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100223\
 Data File : PD078513.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 10:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2023
 Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 13:16:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.546	2.758	124.9E6	87033535	49.182	55.028
28)	SA Decachlor...	9.087	7.897	151.9E6	87417386	49.855	50.658
Target Compounds							
2)	A alpha-BHC	4.003	3.260	213.7E6	131.1E6	51.941	56.653
3)	MA gamma-BHC...	4.337	3.590	202.7E6	125.5E6	51.234	56.149
4)	MA Heptachlor	4.927	3.928	204.8E6	128.5E6	52.280	57.112
5)	MB Aldrin	5.270	4.208	210.6E6	128.4E6	52.356	56.383
6)	B beta-BHC	4.535	3.887	77766859	47327048	48.189	53.101
7)	B delta-BHC	4.783	4.116	184.9E6	120.1E6	50.144	55.404
8)	B Heptachlo...	5.697	4.710	177.2E6	115.9E6	49.571	57.130
9)	A Endosulfan I	6.085	5.081	169.0E6	109.0E6	51.370	58.183
10)	B gamma-Chl...	5.955	4.959	181.0E6	113.5E6	51.404	56.462m
11)	B alpha-Chl...	6.034	5.025	181.2E6	114.1E6	50.928	56.656
12)	B 4,4'-DDE	6.207	5.213	168.7E6	98508352	52.405	53.969
13)	MA Dieldrin	6.361	5.345	182.0E6	119.1E6	51.161	58.334
14)	MA Endrin	6.591	5.621	149.3E6	105.5E6	49.232	58.231
15)	B Endosulfa...	6.810	5.915	149.5E6	95566209	48.242m	55.852
16)	A 4,4'-DDD	6.725	5.768	125.4E6	72125544	48.952	51.614
17)	MA 4,4'-DDT	7.040	6.020	123.9E6	76100947	47.394	53.864
18)	B Endrin al...	6.941	6.095	108.1E6	71637785	45.499	53.072
19)	B Endosulfa...	7.176	6.318	132.6E6	87809150	46.727	54.839
20)	A Methoxychlor	7.517	6.594	65232976	39105881	42.174	50.509
21)	B Endrin ke...	7.662	6.825	151.3E6	102.5E6	46.546m	54.237
22)	Mirex	8.137	7.005	119.2E6	82549553	49.550	53.909

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100223\
Data File : PD078513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2023 10:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

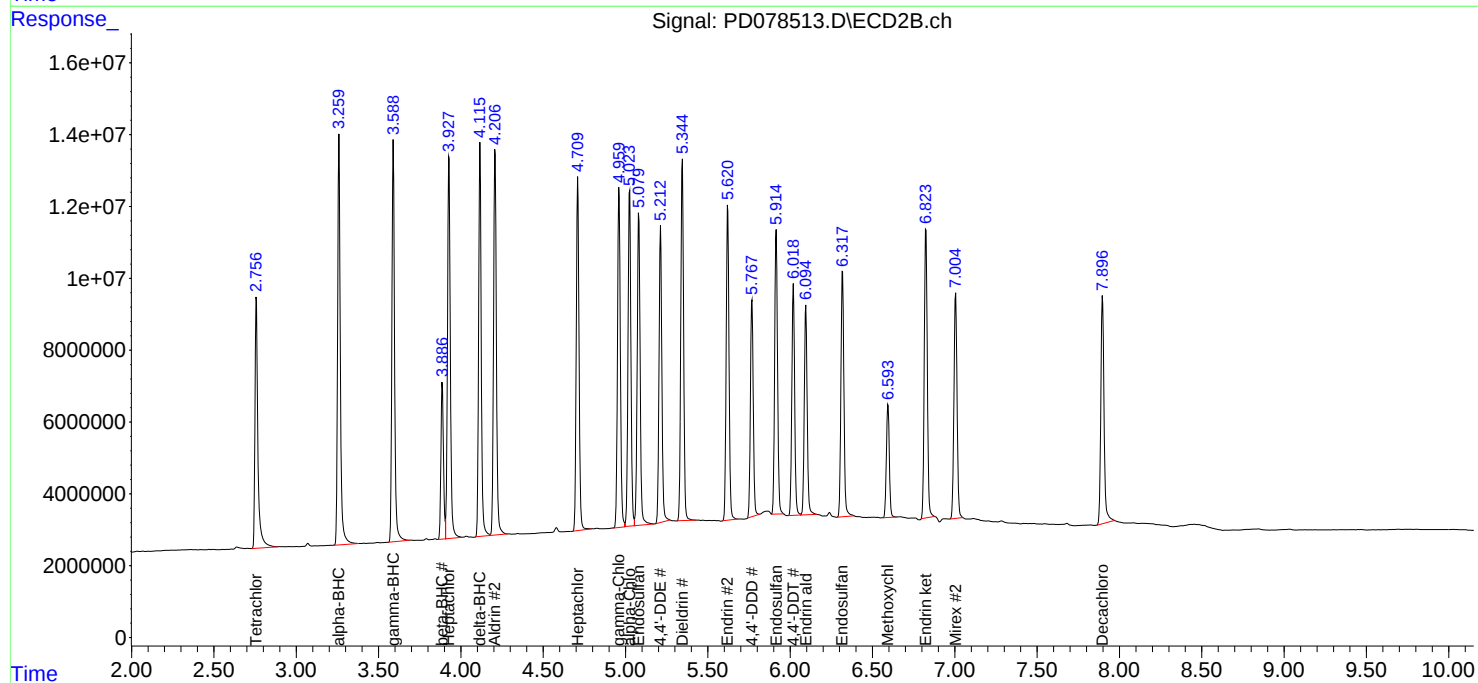
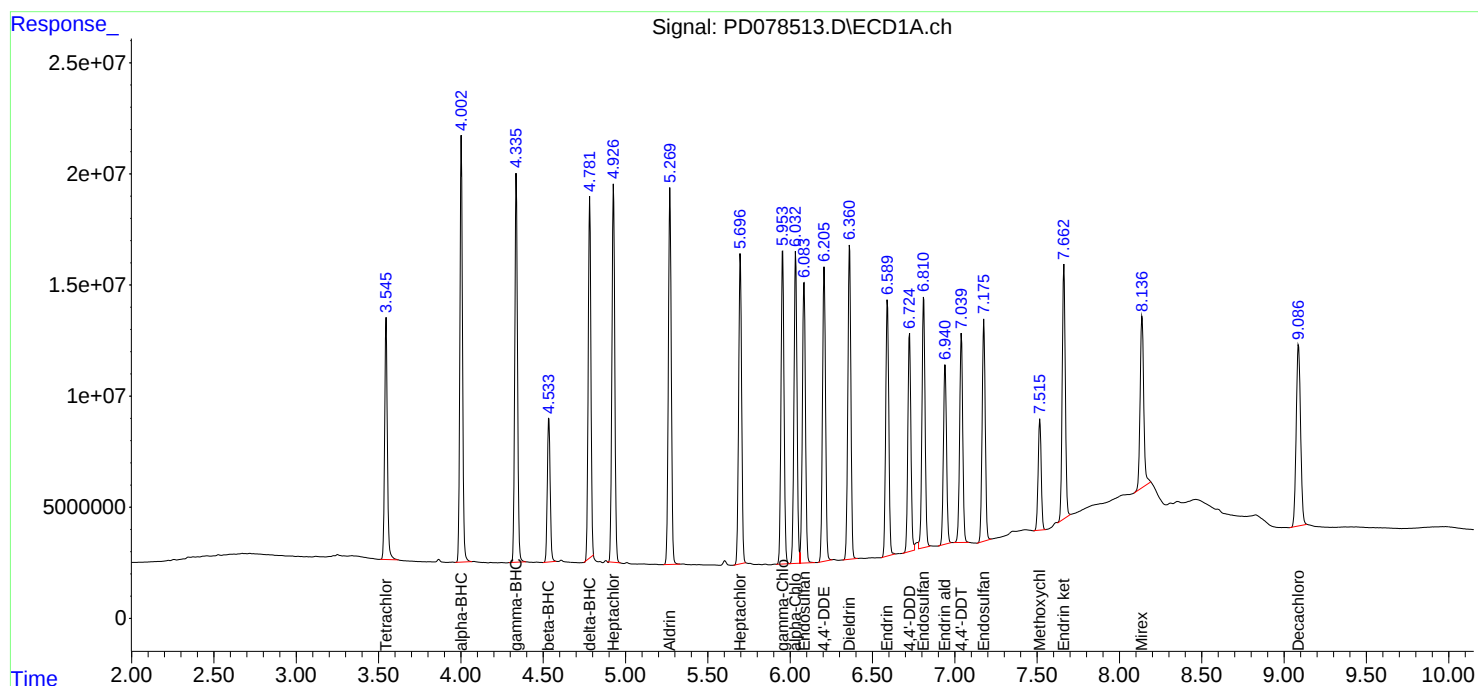
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

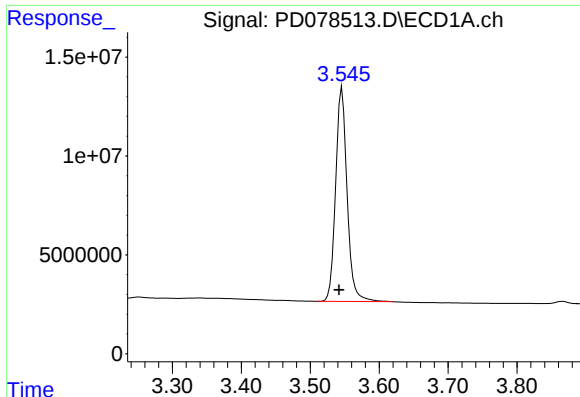
Manual Integrations
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Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 02 13:16:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
QLast Update : Fri Sep 01 16:18:56 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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





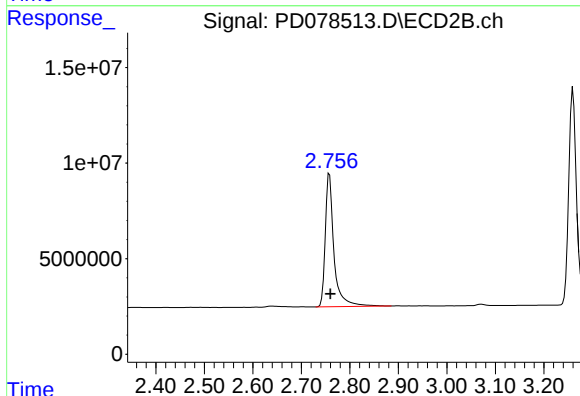
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.004 min
Response: 124876209
Conc: 49.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

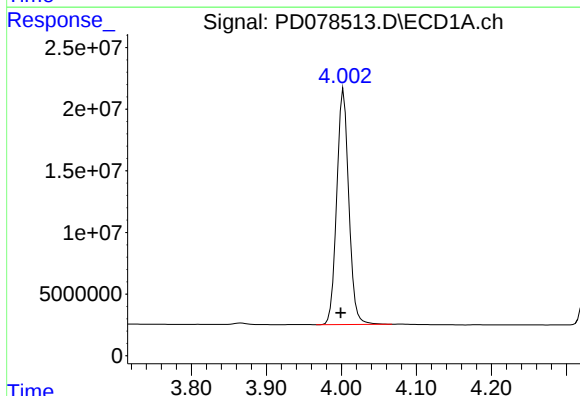
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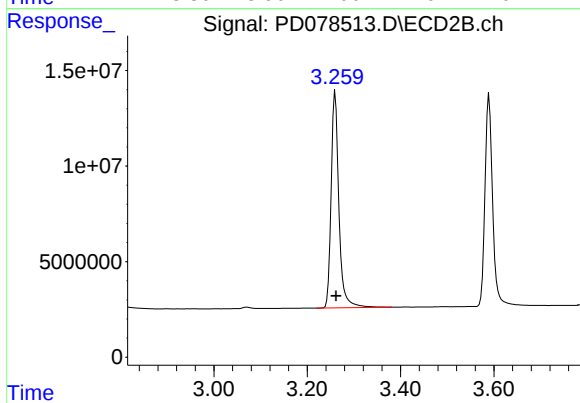
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.002 min
Response: 87033535
Conc: 55.03 ng/ml



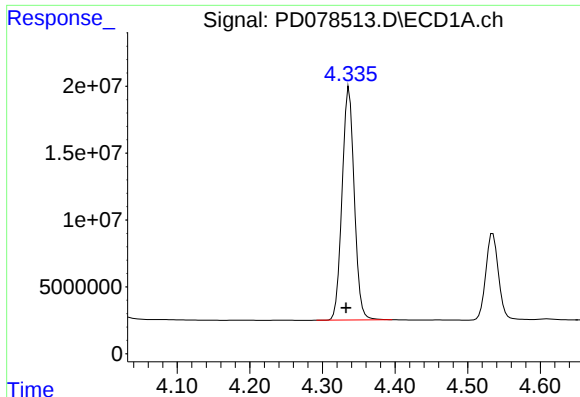
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.004 min
Response: 213695120
Conc: 51.94 ng/ml



#2 alpha-BHC

R.T.: 3.260 min
Delta R.T.: -0.002 min
Response: 131070608
Conc: 56.65 ng/ml



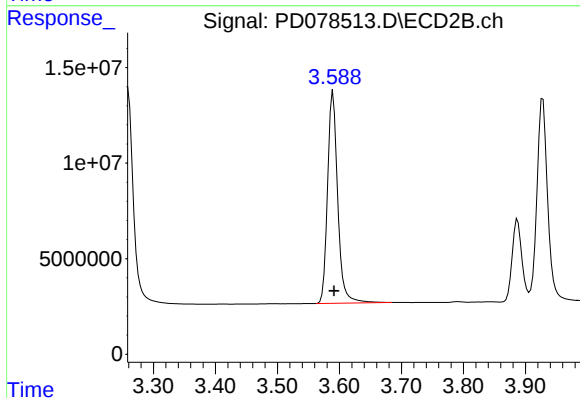
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.004 min
Response: 202680514
Conc: 51.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

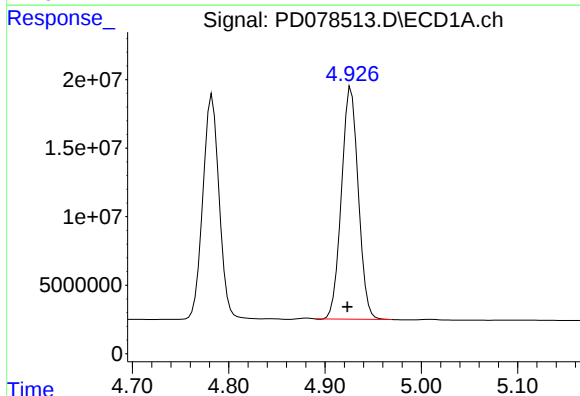
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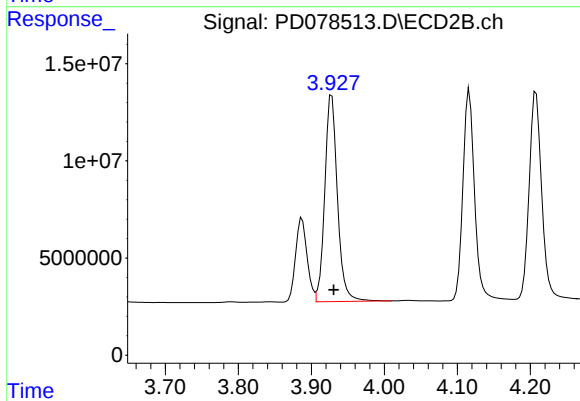
#3 gamma-BHC (Lindane)

R.T.: 3.590 min
Delta R.T.: -0.002 min
Response: 125519645
Conc: 56.15 ng/ml



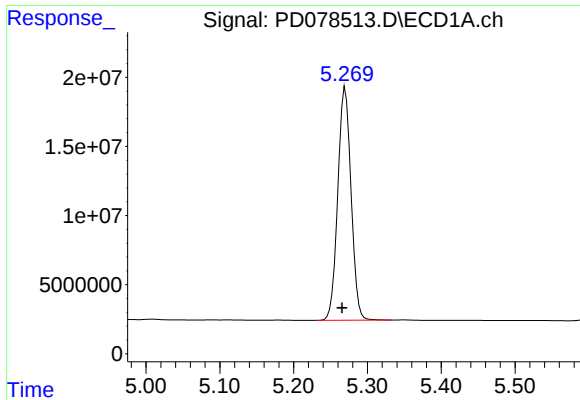
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.004 min
Response: 204831378
Conc: 52.28 ng/ml



#4 Heptachlor

R.T.: 3.928 min
Delta R.T.: -0.003 min
Response: 128466553
Conc: 57.11 ng/ml



#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.004 min
Response: 210567301
Conc: 52.36 ng/ml

Instrument :

ECD_D

ClientSampleId :

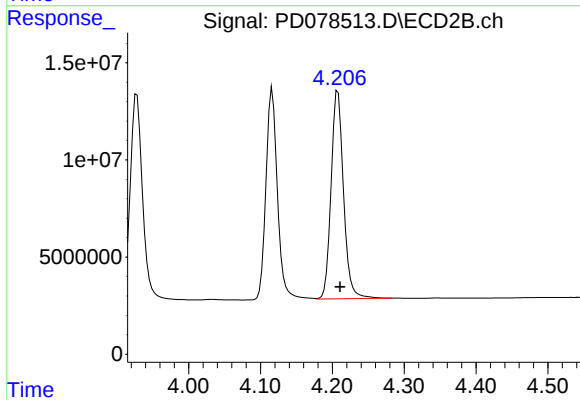
PSTDCCC050

Manual Integrations

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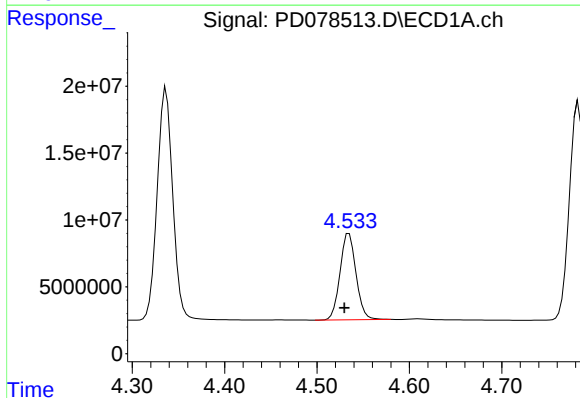
Reviewed By :Abdul Mirza 10/03/2023

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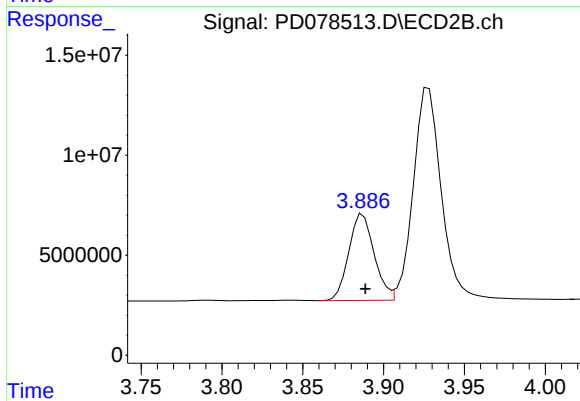
#5 Aldrin

R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 128441366
Conc: 56.38 ng/ml



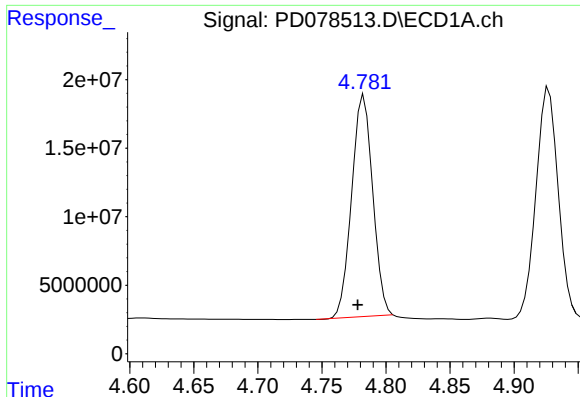
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.005 min
Response: 77766859
Conc: 48.19 ng/ml



#6 beta-BHC

R.T.: 3.887 min
Delta R.T.: -0.002 min
Response: 47327048
Conc: 53.10 ng/ml



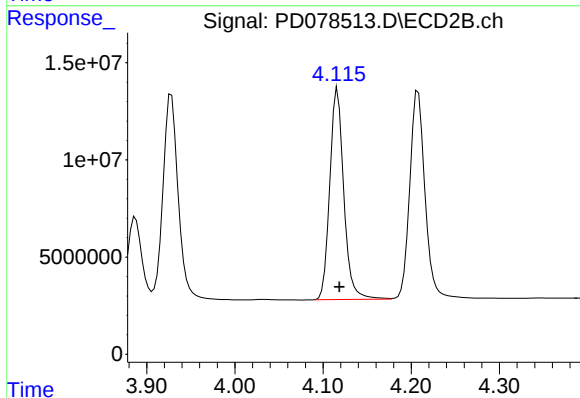
#7 delta-BHC

R.T.: 4.783 min
Delta R.T.: 0.005 min
Response: 184850212
Conc: 50.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

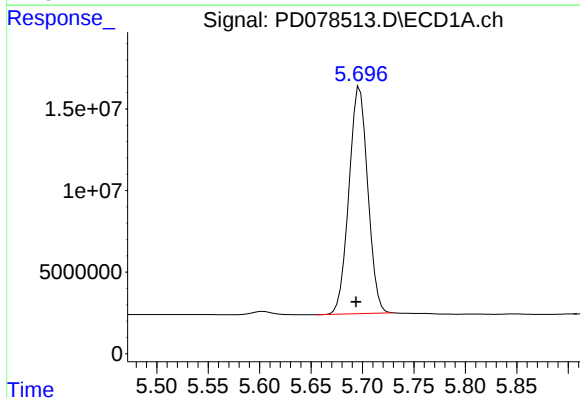
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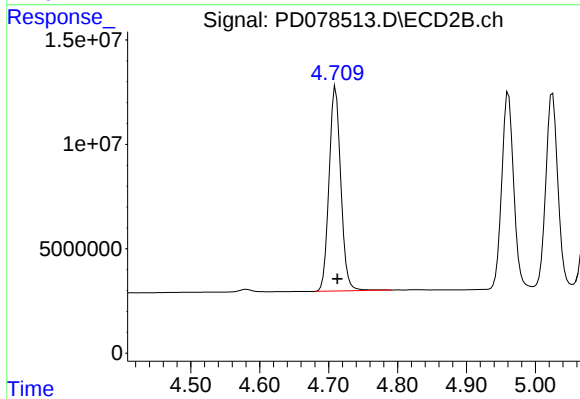
#7 delta-BHC

R.T.: 4.116 min
Delta R.T.: -0.002 min
Response: 120106378
Conc: 55.40 ng/ml



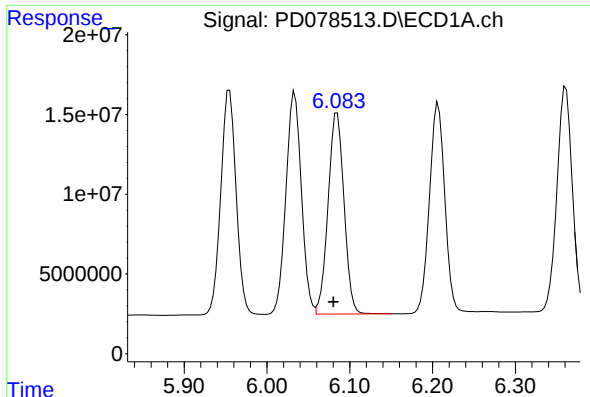
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.004 min
Response: 177245863
Conc: 49.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 115872314
Conc: 57.13 ng/ml



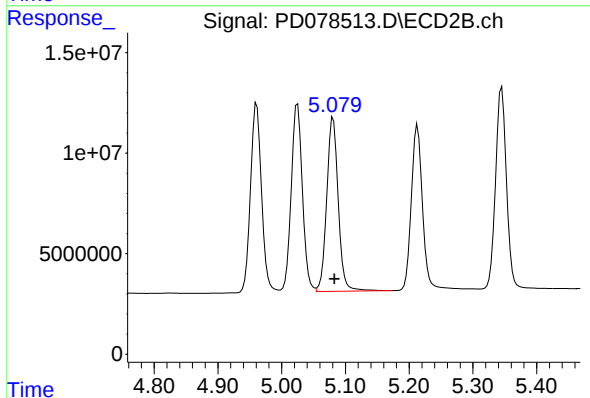
#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 168958106
Conc: 51.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

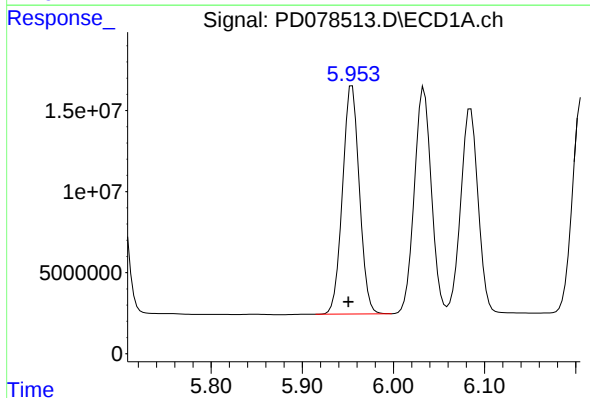
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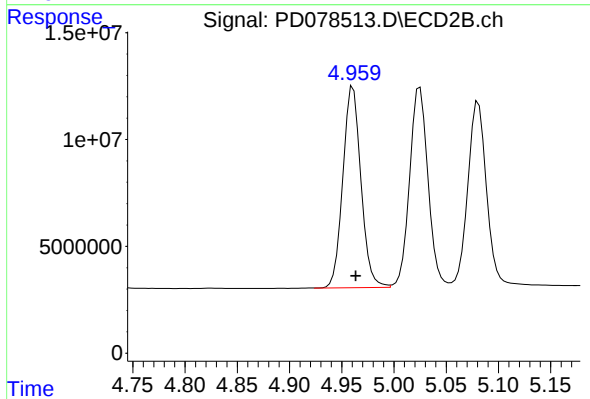
#9 Endosulfan I

R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 108985779
Conc: 58.18 ng/ml



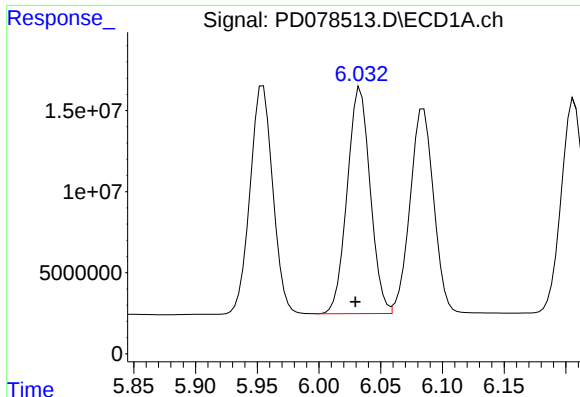
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.004 min
Response: 180959502
Conc: 51.40 ng/ml



#10 gamma-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 113499006
Conc: 56.46 ng/ml m



#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.004 min
Response: 181218676
Conc: 50.93 ng/ml

Instrument :

ECD_D

ClientSampleId :

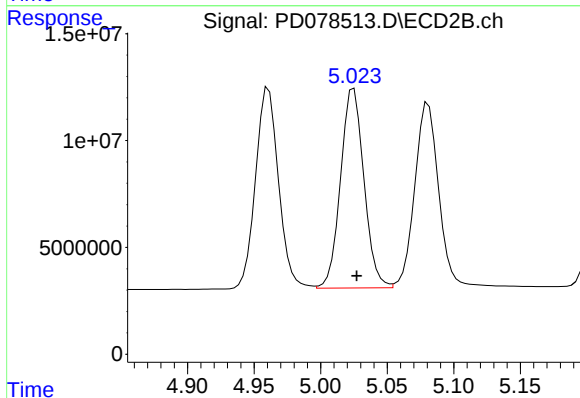
PSTDCCC050

Manual Integrations

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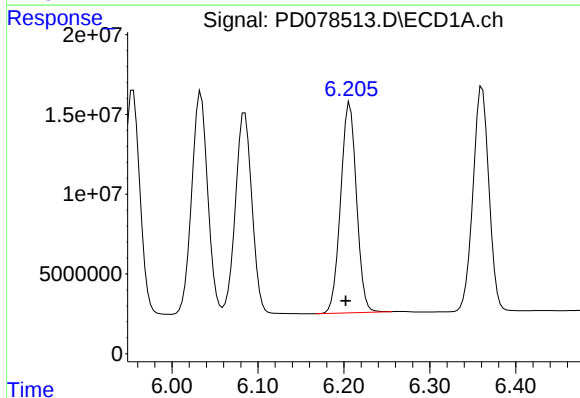
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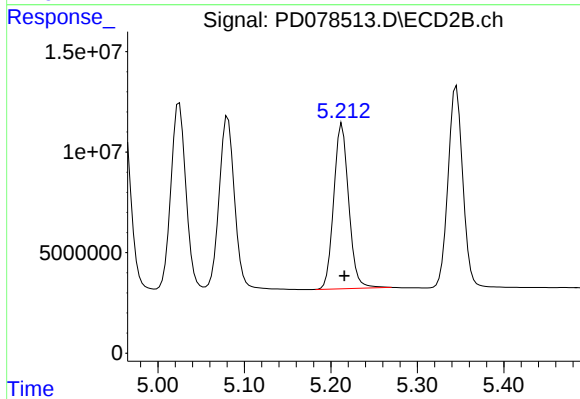
#11 alpha-Chlordane

R.T.: 5.025 min
Delta R.T.: -0.002 min
Response: 114145922
Conc: 56.66 ng/ml



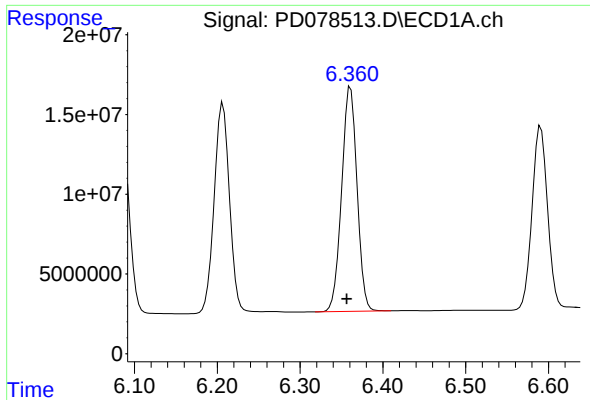
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.004 min
Response: 168725189
Conc: 52.41 ng/ml



#12 4,4'-DDE

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 98508352
Conc: 53.97 ng/ml



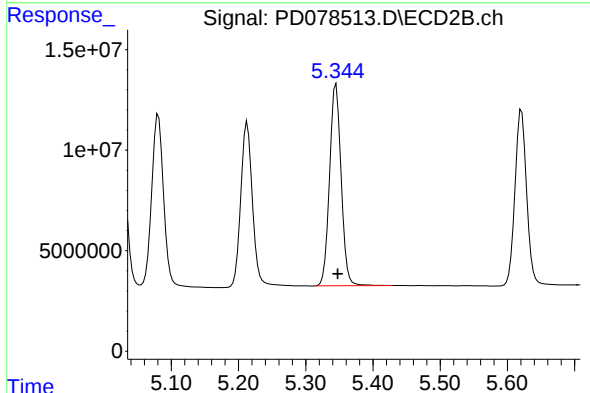
#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: 0.005 min
Response: 182022695
Conc: 51.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

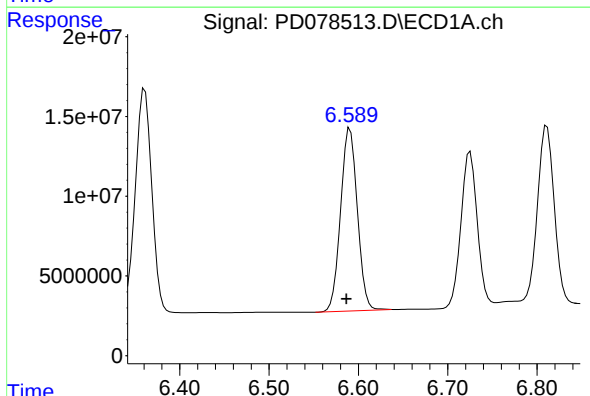
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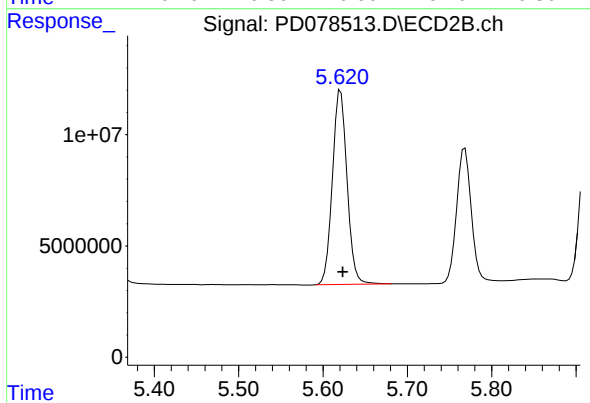
#13 Dieldrin

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 119107882
Conc: 58.33 ng/ml



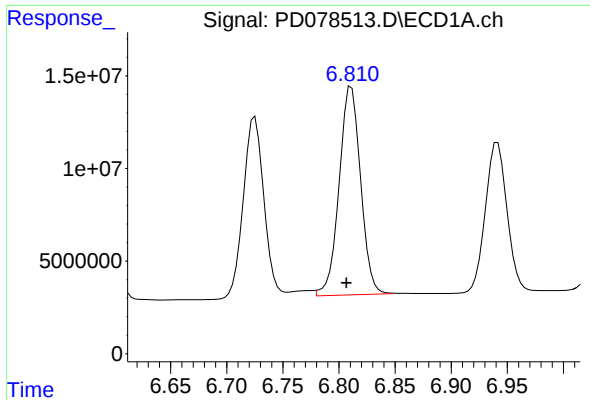
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.004 min
Response: 149329121
Conc: 49.23 ng/ml



#14 Endrin

R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 105475539
Conc: 58.23 ng/ml



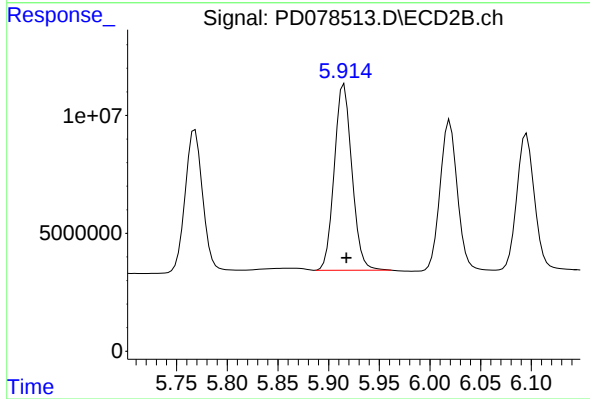
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.003 min
Response: 149483014
Conc: 48.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

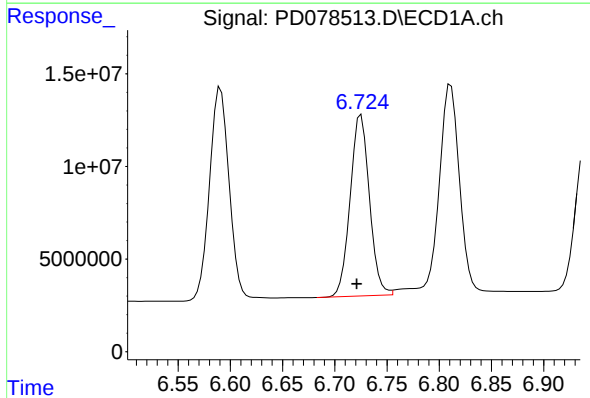
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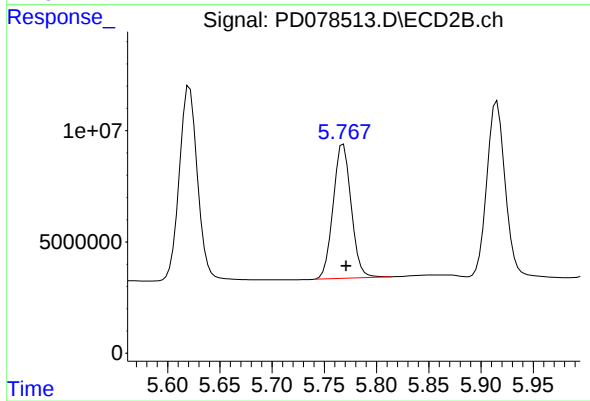
#15 Endosulfan II

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 95566209
Conc: 55.85 ng/ml



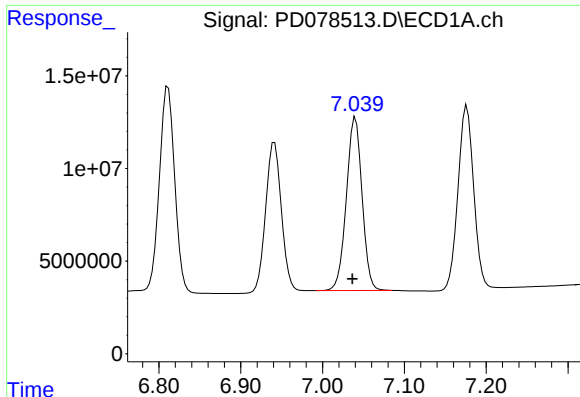
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.004 min
Response: 125429030
Conc: 48.95 ng/ml



#16 4,4'-DDD

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 72125544
Conc: 51.61 ng/ml



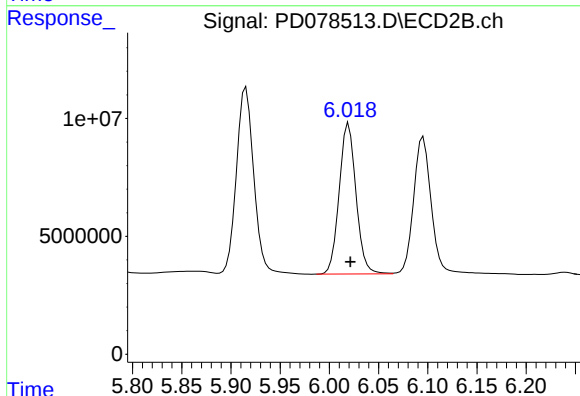
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: 0.004 min
Response: 123949567
Conc: 47.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

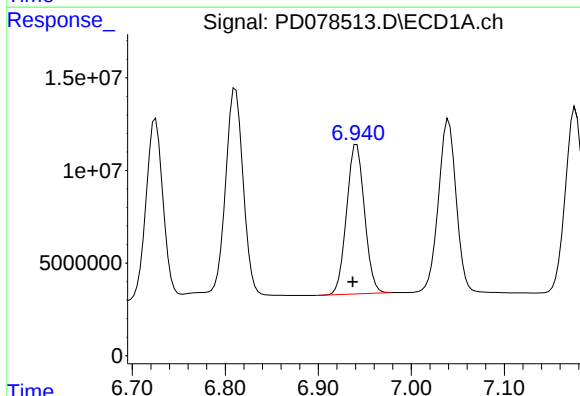
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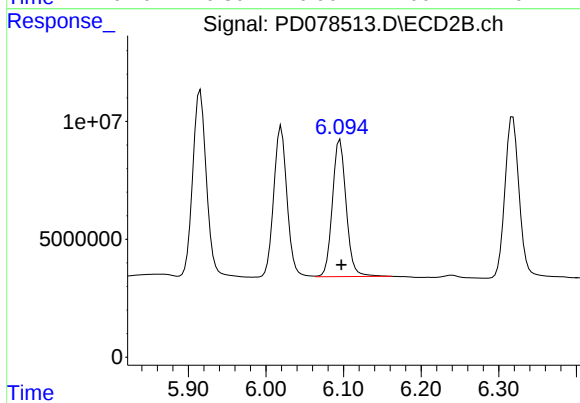
#17 4,4'-DDT

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 76100947
Conc: 53.86 ng/ml



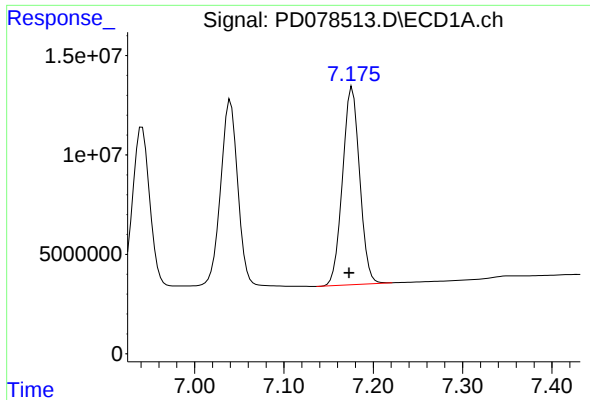
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.004 min
Response: 108123214
Conc: 45.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 71637785
Conc: 53.07 ng/ml



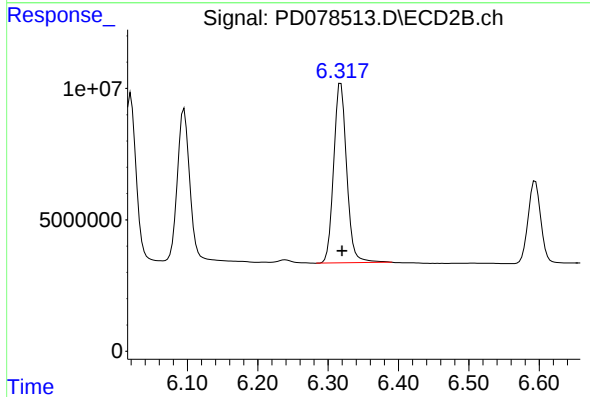
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.004 min
Response: 132608033
Conc: 46.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

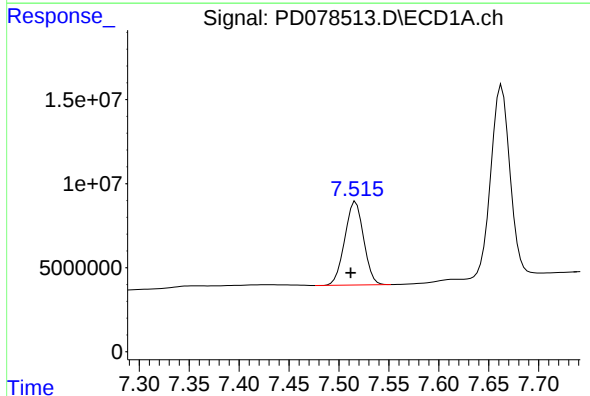
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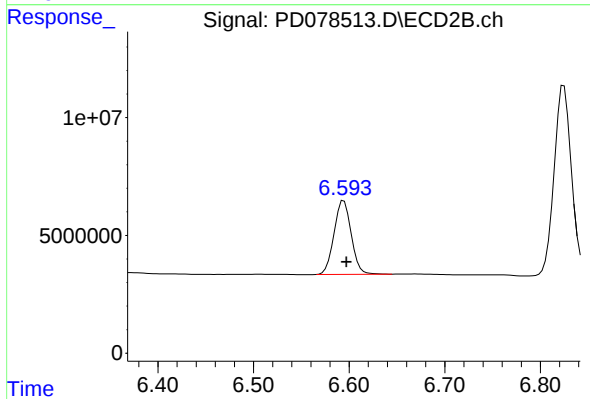
#19 Endosulfan Sulfate

R.T.: 6.318 min
Delta R.T.: -0.002 min
Response: 87809150
Conc: 54.84 ng/ml



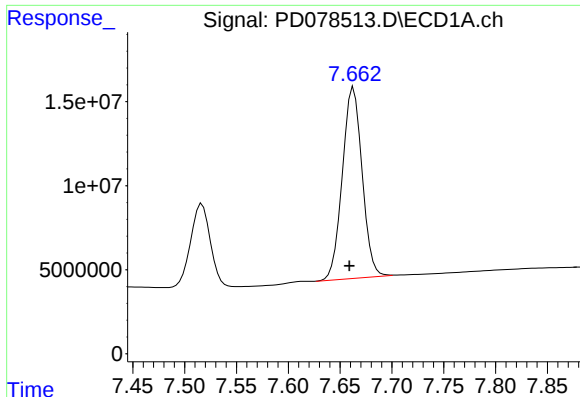
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.005 min
Response: 65232976
Conc: 42.17 ng/ml



#20 Methoxychlor

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 39105881
Conc: 50.51 ng/ml



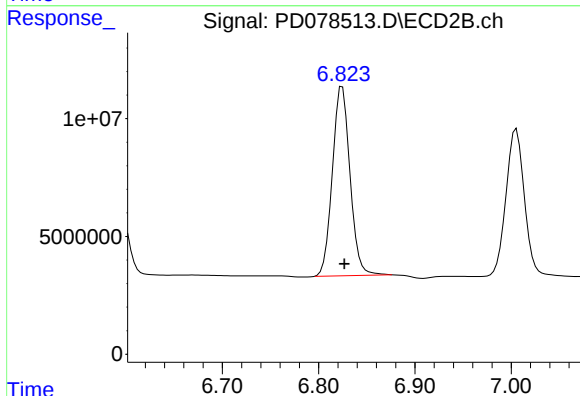
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.002 min
Response: 151276415
Conc: 46.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

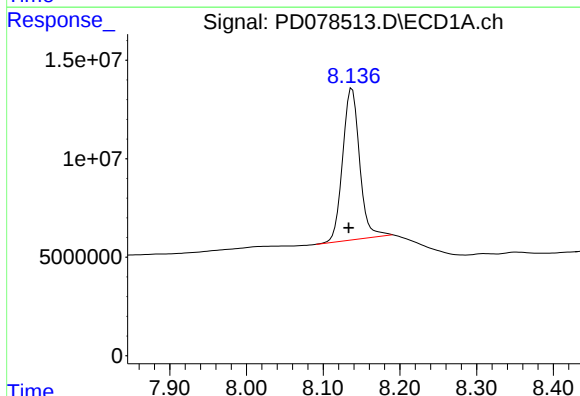
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2023
Supervised By :Ankita Jodhani 10/03/2023



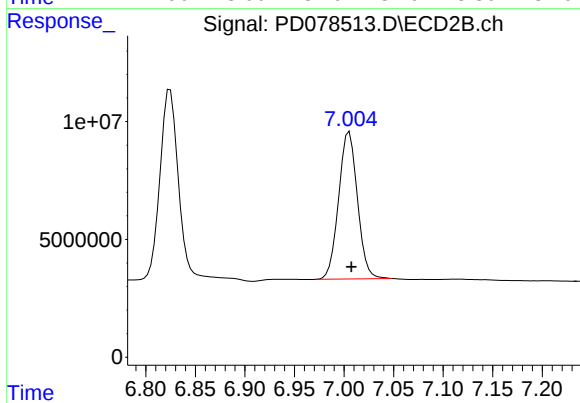
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 102549144
Conc: 54.24 ng/ml



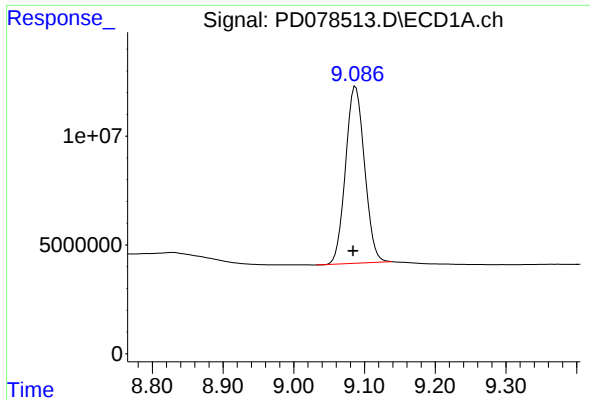
#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.004 min
Response: 119171425
Conc: 49.55 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 82549553
Conc: 53.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.004 min
Response: 151870475
Conc: 49.86 ng/ml

Instrument :

ECD_D

ClientSampleId :

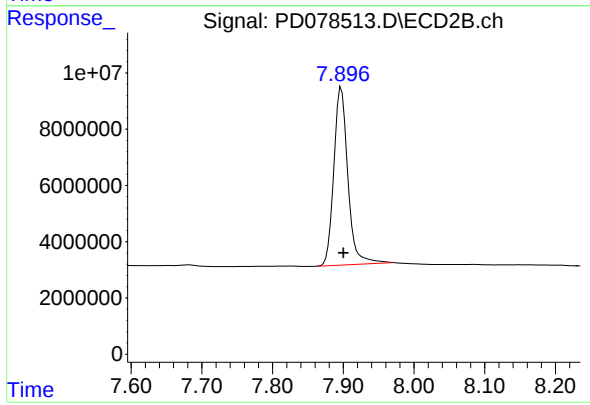
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 87417386
Conc: 50.66 ng/ml