

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121523\
 Data File : PD080087.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2023 09:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/15/2023
 Supervised By : Ankita Jodhani 12/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 01:02:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 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...	3.568	2.800	79134648	133.1E6	52.504	52.967
28)	SA Decachlor...	9.110	7.941	84126094	119.5E6	41.560	42.390
Target Compounds							
2)	A alpha-BHC	4.024	3.303	133.5E6	209.0E6	53.151	54.662
3)	MA gamma-BHC...	4.357	3.632	126.0E6	201.4E6	53.192	55.415
4)	MA Heptachlor	4.951	3.974	124.1E6	189.5E6	50.454	54.034
5)	MB Aldrin	5.294	4.255	123.7E6	198.7E6	52.105	55.808
6)	B beta-BHC	4.551	3.927	51601693	83234076	51.562	53.917
7)	B delta-BHC	4.801	4.158	129.9E6	207.9E6	53.032	55.206
8)	B Heptachlo...	5.720	4.757	112.5E6	178.0E6	51.087	54.276
9)	A Endosulfan I	6.106	5.126	97060010	159.9E6	47.202	52.962
10)	B gamma-Chl...	5.974	5.007	101.2E6	179.0E6	46.504m	55.524
11)	B alpha-Chl...	6.056	5.071	102.2E6	175.9E6	47.389	54.740
12)	B 4,4'-DDE	6.226	5.260	94846866	168.5E6	47.303	55.886
13)	MA Dieldrin	6.381	5.391	105.7E6	182.2E6	48.463	55.644
14)	MA Endrin	6.611	5.666	90544590	159.2E6	49.929	56.641
15)	B Endosulfa...	6.829	5.958	93769985	146.4E6	49.222	53.661
16)	A 4,4'-DDD	6.742	5.813	85007241	142.2E6	50.742	55.222
17)	MA 4,4'-DDT	7.057	6.064	86381696	131.6E6	48.553	51.802
18)	B Endrin al...	6.959	6.137	70031646	106.3E6	48.884	51.770
19)	B Endosulfa...	7.193	6.359	94043467	140.1E6	49.598	52.254
20)	A Methoxychlor	7.531	6.638	43786267	70462957	44.300	48.186
21)	B Endrin ke...	7.680	6.866	96645968	162.0E6	46.678	51.819
22)	Mirex	8.156	7.050	68671031	120.4E6	41.979	49.755

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121523\
Data File : PD080087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Dec 2023 09:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

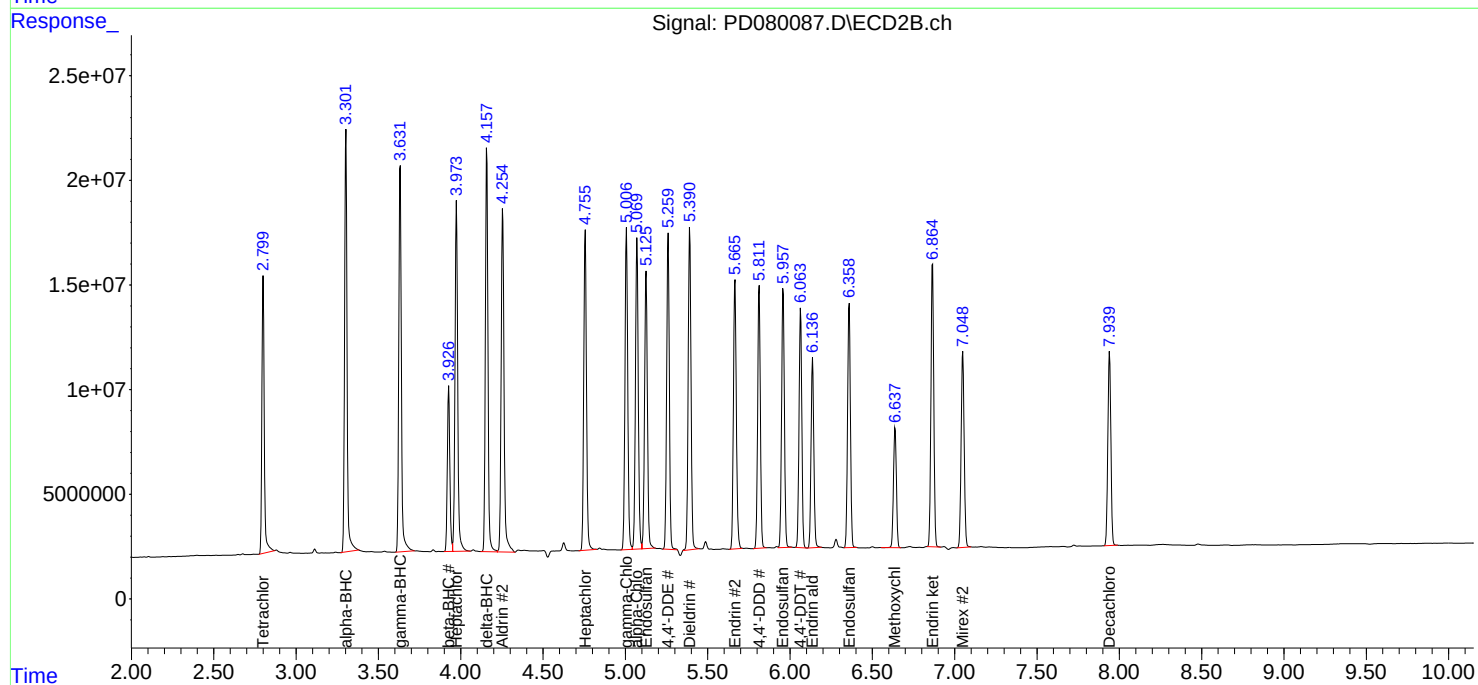
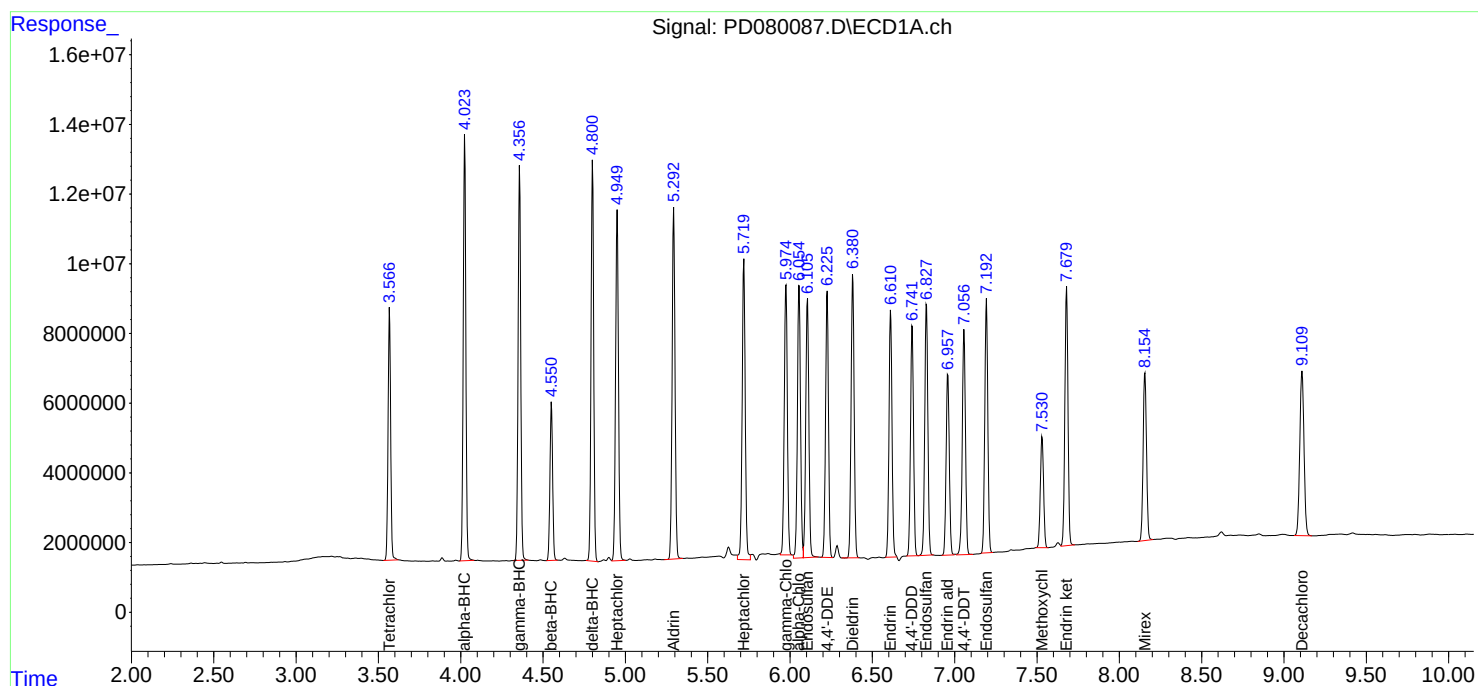
APPROVED

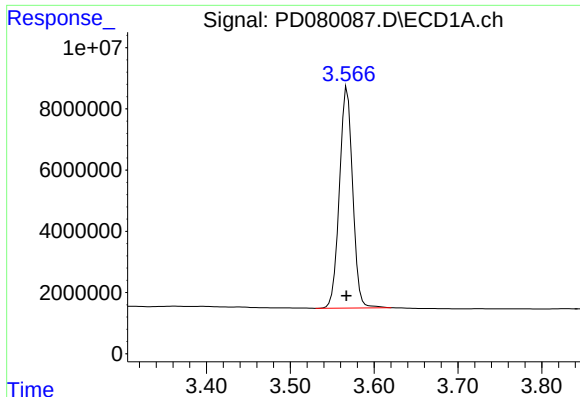
Reviewed By :Abdul Mirza 12/15/2023

Supervised By :Ankita Jodhani 12/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 15 01:02:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 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





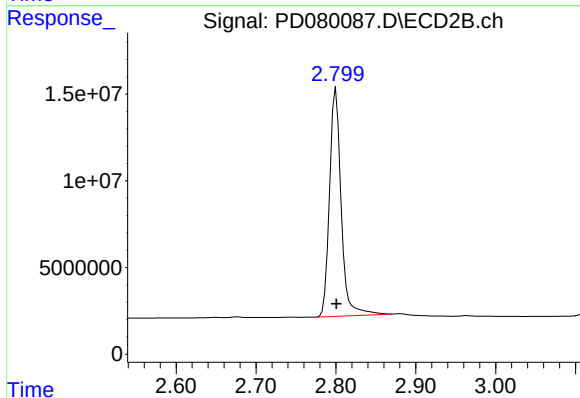
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: 0.000 min
Response: 79134648
Conc: 52.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

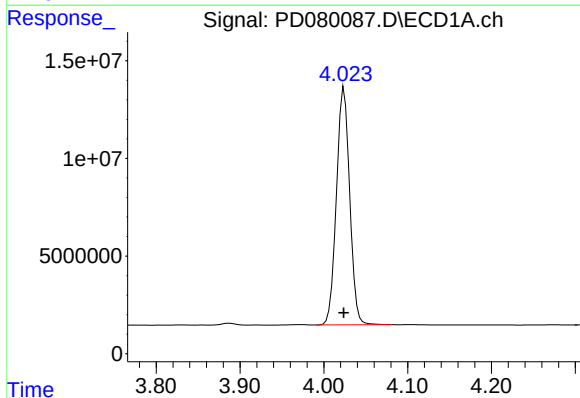
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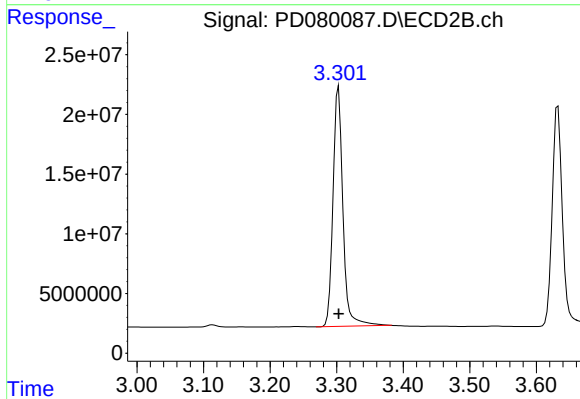
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 133149660
Conc: 52.97 ng/ml



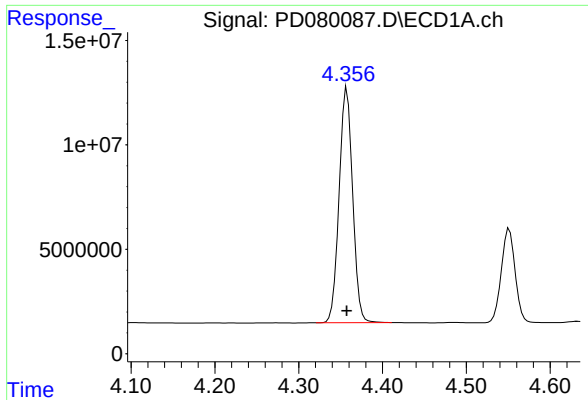
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 133507816
Conc: 53.15 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 209009527
Conc: 54.66 ng/ml



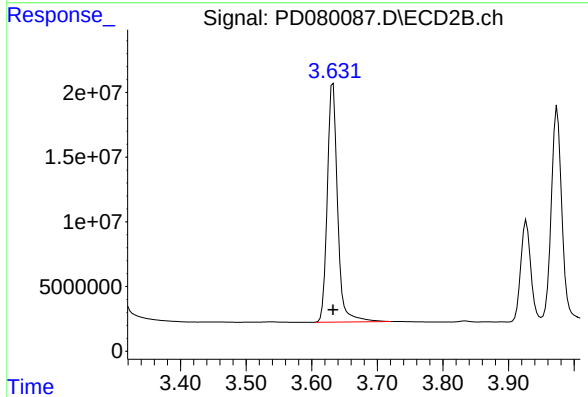
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 126023163
Conc: 53.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

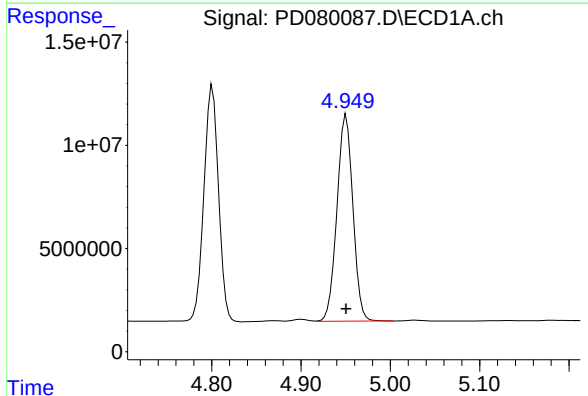
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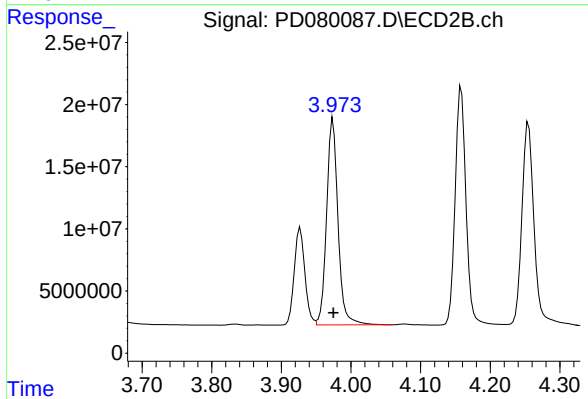
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 201379323
Conc: 55.41 ng/ml



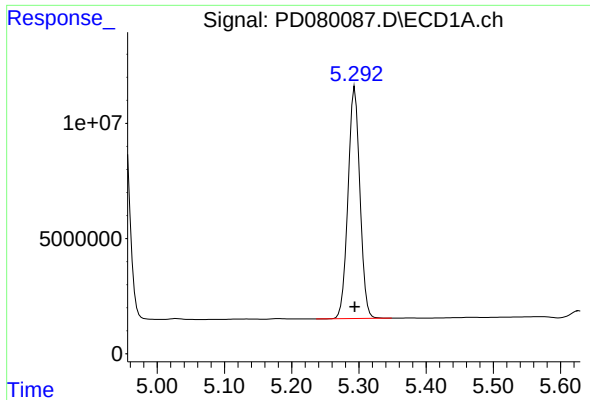
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 124081076
Conc: 50.45 ng/ml



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 189466973
Conc: 54.03 ng/ml



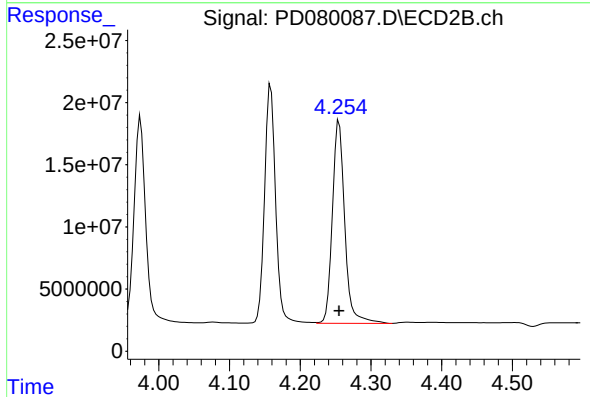
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 123733767
Conc: 52.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

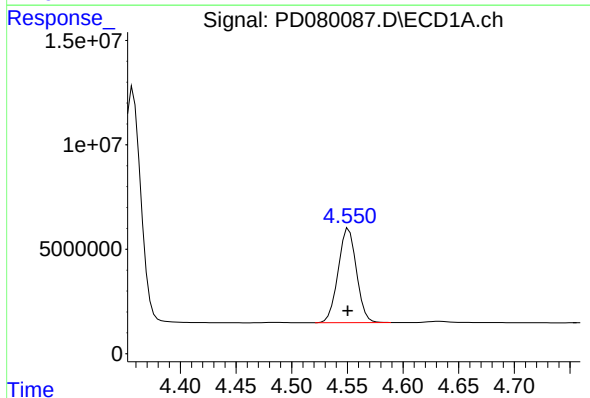
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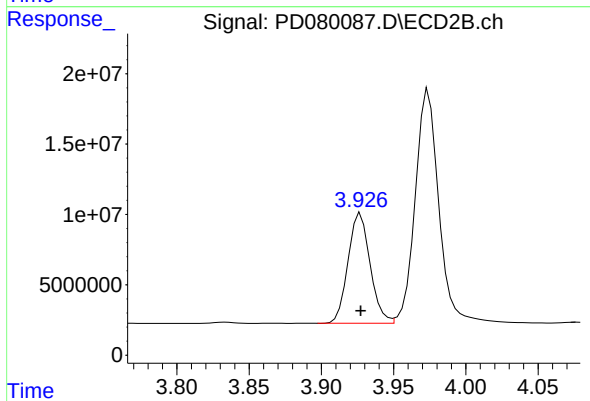
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 198684305
Conc: 55.81 ng/ml



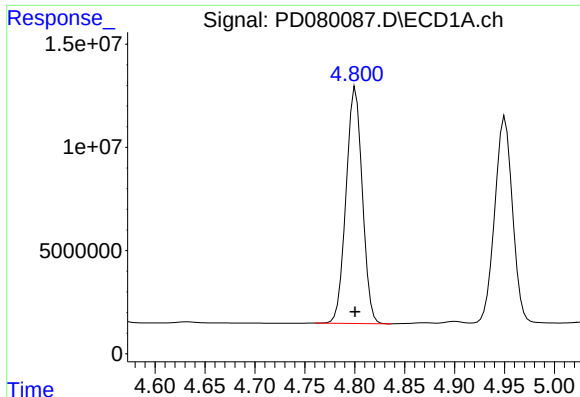
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 51601693
Conc: 51.56 ng/ml



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 83234076
Conc: 53.92 ng/ml



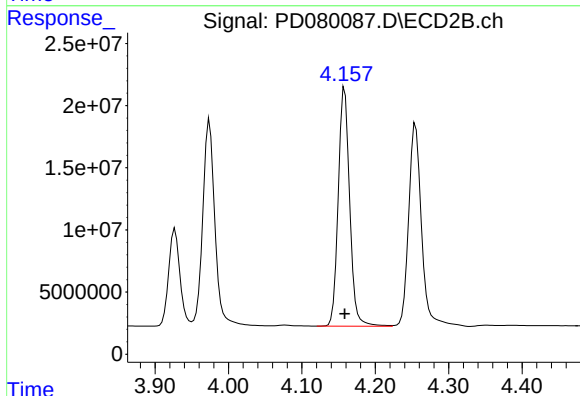
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 129872293
Conc: 53.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

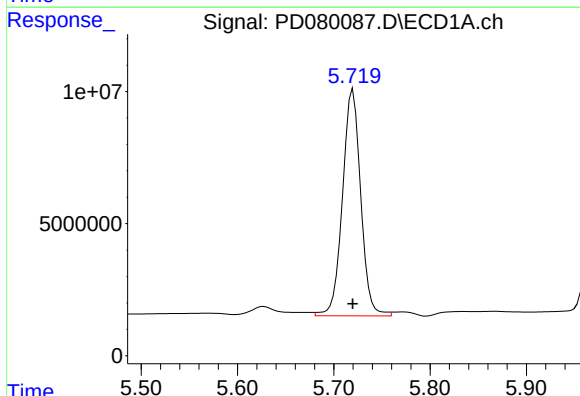
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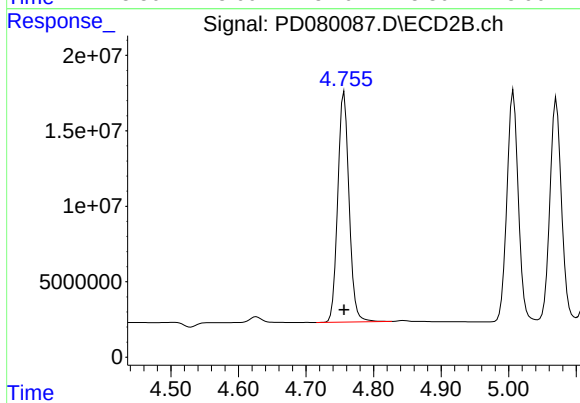
#7 delta-BHC

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 207882641
Conc: 55.21 ng/ml



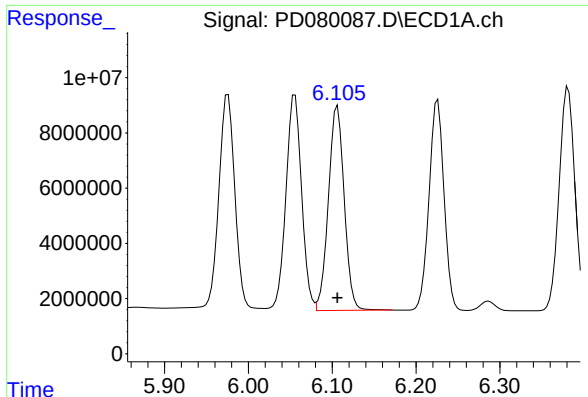
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 112534902
Conc: 51.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 177991083
Conc: 54.28 ng/ml



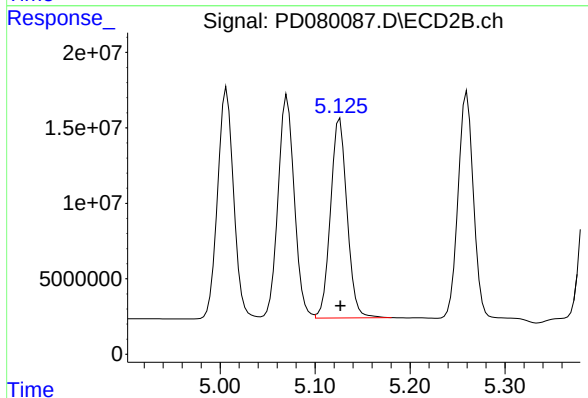
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 97060010
Conc: 47.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

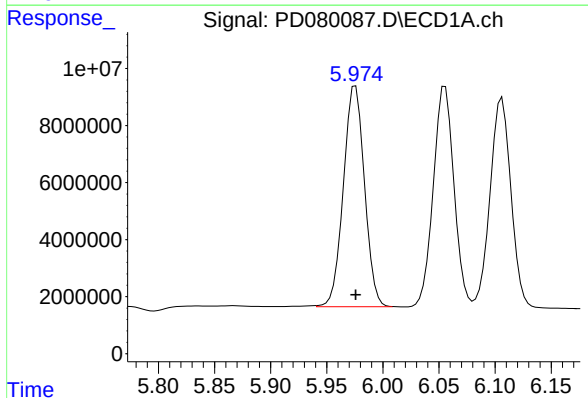
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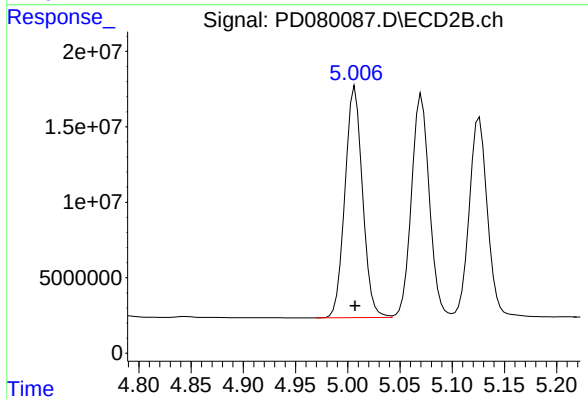
#9 Endosulfan I

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 159903961
Conc: 52.96 ng/ml



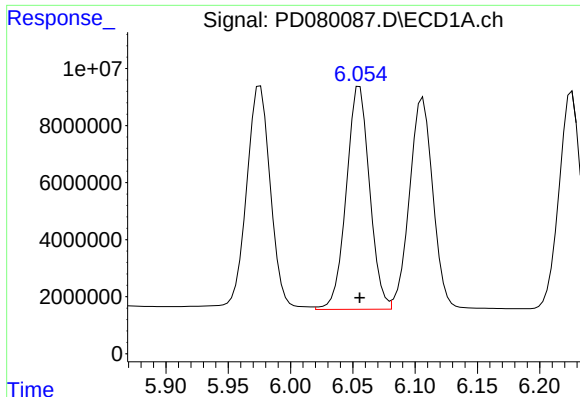
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 101237994
Conc: 46.50 ng/ml m



#10 gamma-Chlordane

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 178988799
Conc: 55.52 ng/ml



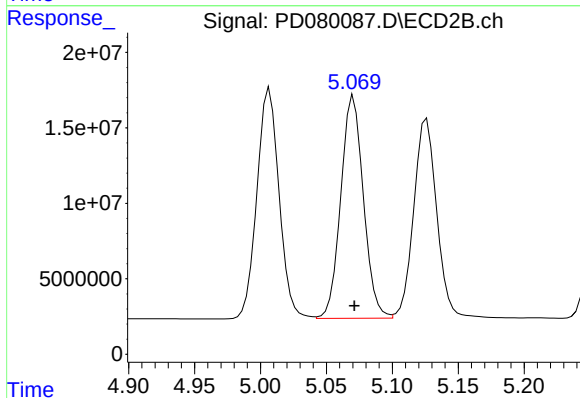
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 102226383
Conc: 47.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

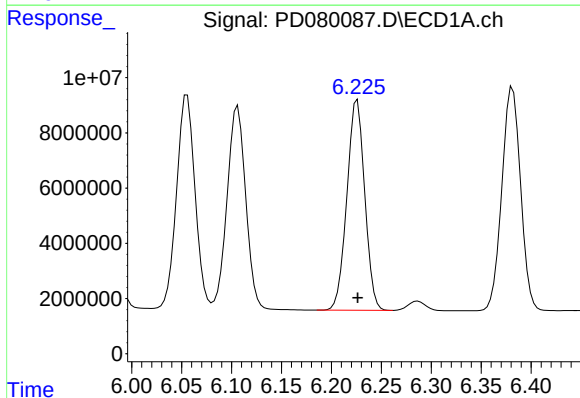
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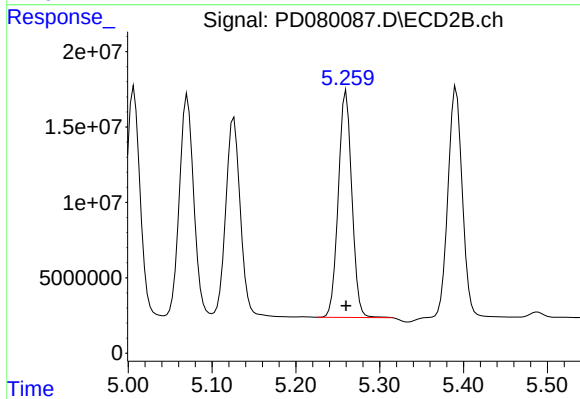
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 175924669
Conc: 54.74 ng/ml



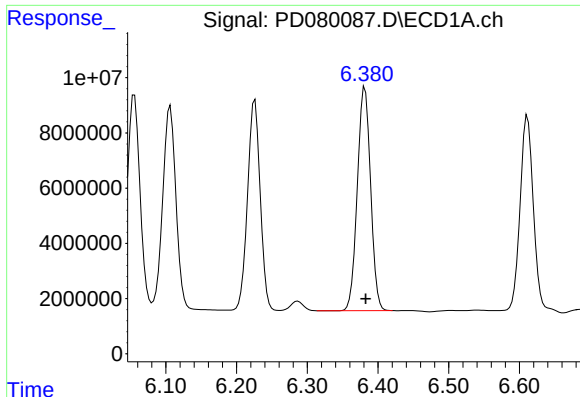
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 94846866
Conc: 47.30 ng/ml



#12 4,4'-DDE

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 168455431
Conc: 55.89 ng/ml



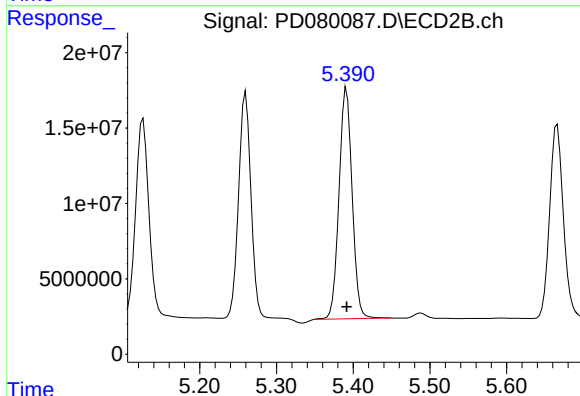
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: -0.001 min
Response: 105740080
Conc: 48.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

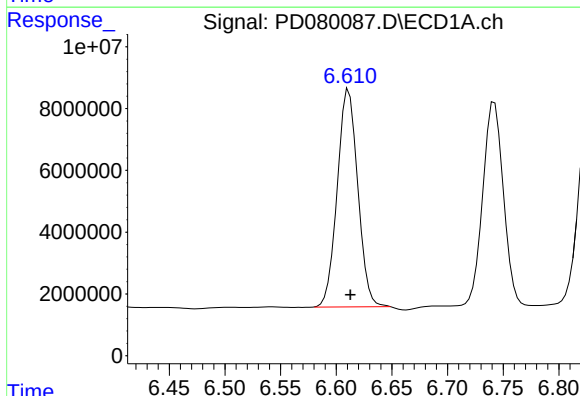
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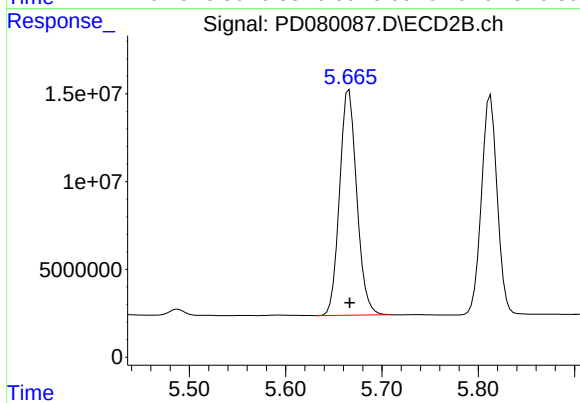
#13 Dieldrin

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 182201881
Conc: 55.64 ng/ml



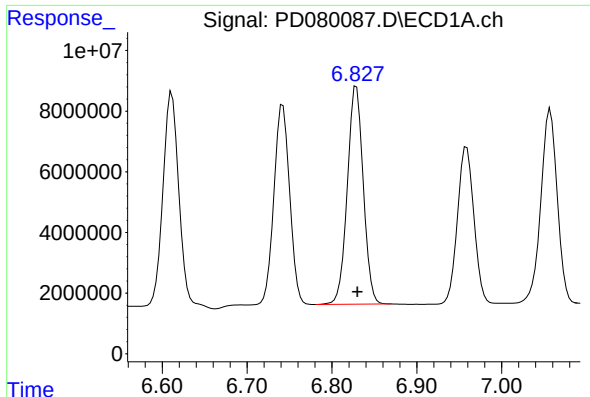
#14 Endrin

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 90544590
Conc: 49.93 ng/ml



#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 159163457
Conc: 56.64 ng/ml



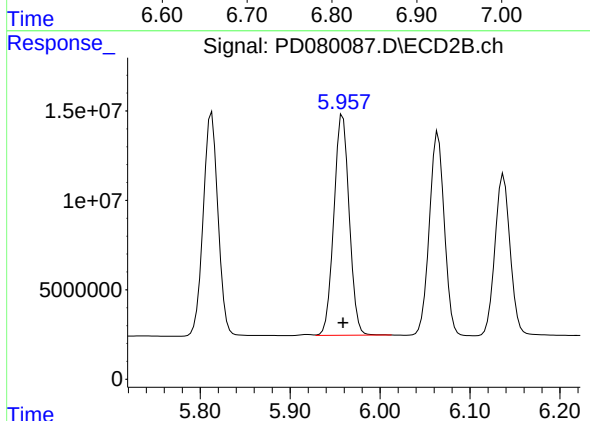
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.001 min
Response: 93769985
Conc: 49.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

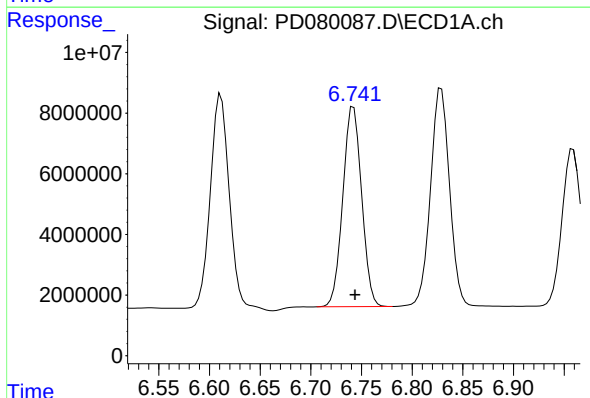
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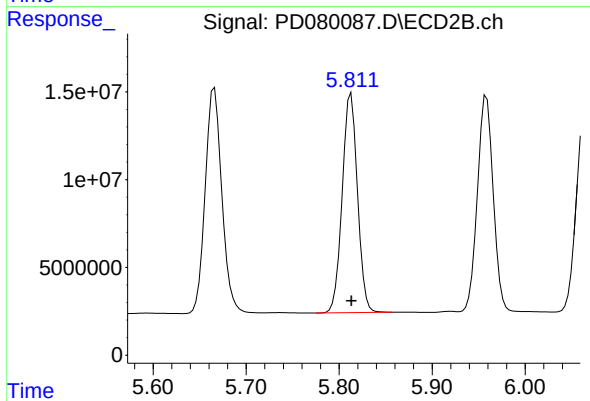
#15 Endosulfan II

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 146414800
Conc: 53.66 ng/ml



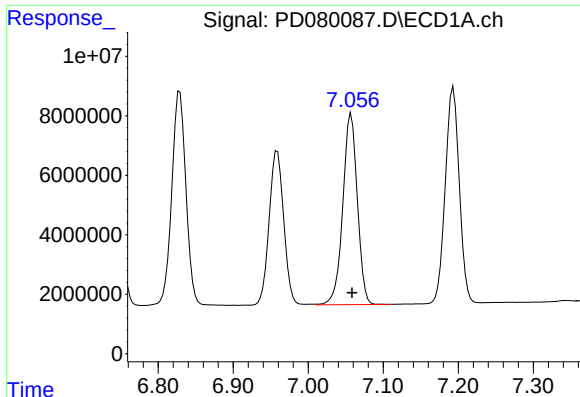
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: -0.002 min
Response: 85007241
Conc: 50.74 ng/ml



#16 4,4'-DDD

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 142199729
Conc: 55.22 ng/ml



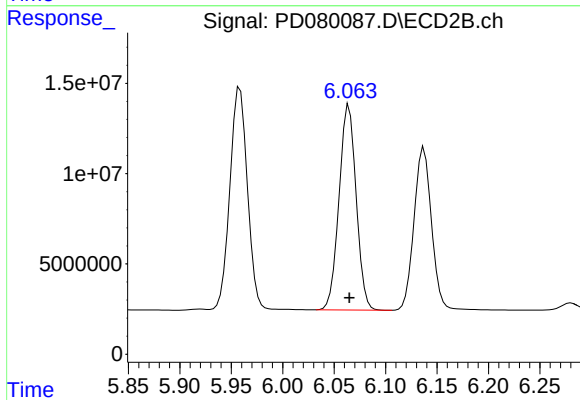
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 86381696
Conc: 48.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

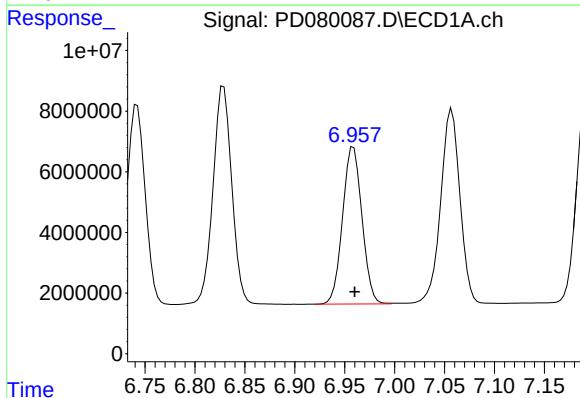
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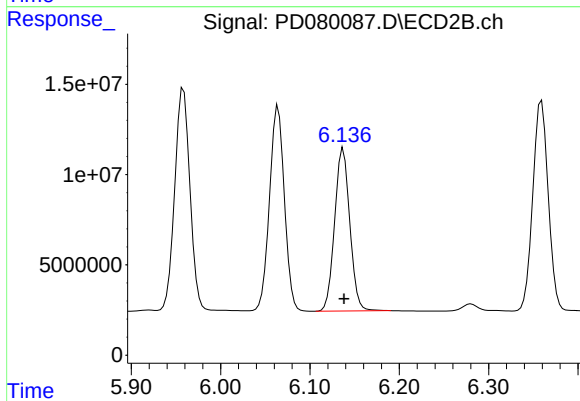
#17 4,4'-DDT

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 131607661
Conc: 51.80 ng/ml



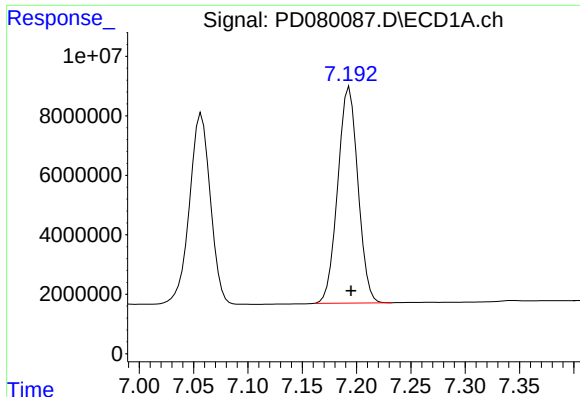
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.001 min
Response: 70031646
Conc: 48.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 106277233
Conc: 51.77 ng/ml



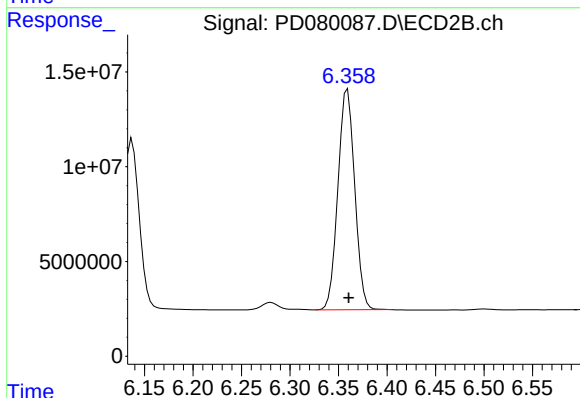
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.002 min
Response: 94043467
Conc: 49.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

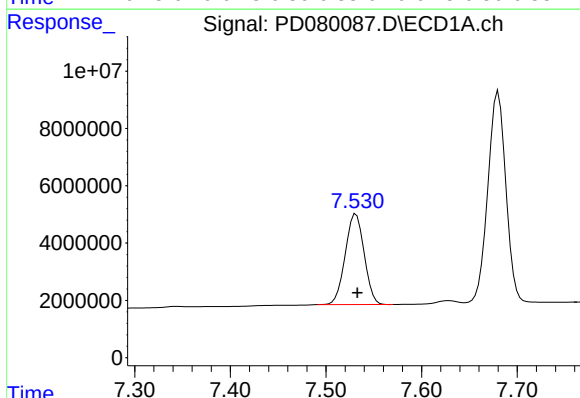
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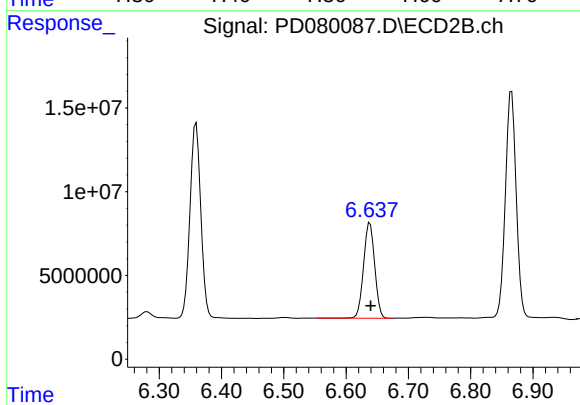
#19 Endosulfan Sulfate

R.T.: 6.359 min
Delta R.T.: -0.001 min
Response: 140091685
Conc: 52.25 ng/ml



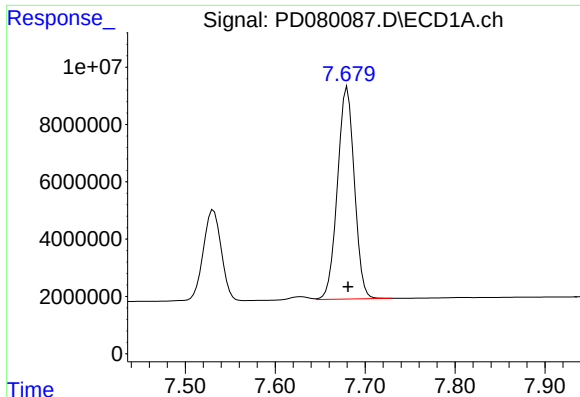
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 43786267
Conc: 44.30 ng/ml



#20 Methoxychlor

R.T.: 6.638 min
Delta R.T.: -0.001 min
Response: 70462957
Conc: 48.19 ng/ml



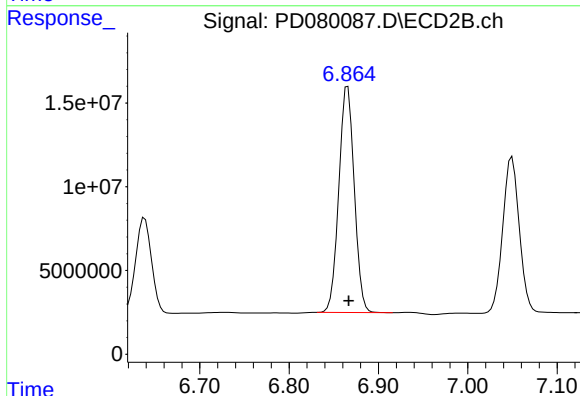
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 96645968
Conc: 46.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

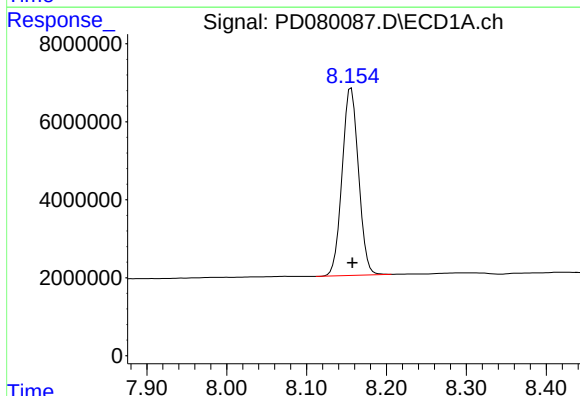
Manual Integrations
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Reviewed By :Abdul Mirza 12/15/2023
Supervised By :Ankita Jodhani 12/15/2023



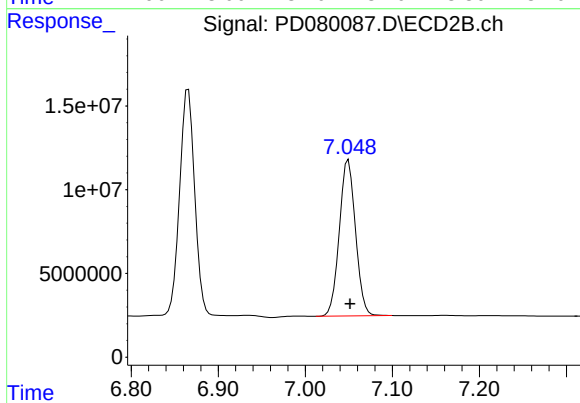
#21 Endrin ketone

R.T.: 6.866 min
Delta R.T.: -0.001 min
Response: 161951498
Conc: 51.82 ng/ml



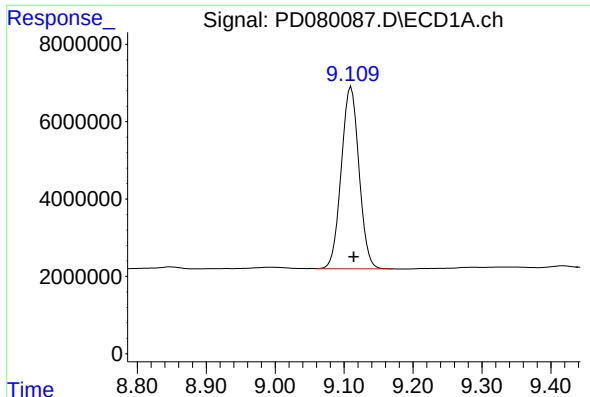
#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.001 min
Response: 68671031
Conc: 41.98 ng/ml



#22 Mirex

R.T.: 7.050 min
Delta R.T.: -0.002 min
Response: 120416281
Conc: 49.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.110 min
Delta R.T.: -0.004 min
Response: 84126094
Conc: 41.56 ng/ml

Instrument :

ECD_D

ClientSampleId :

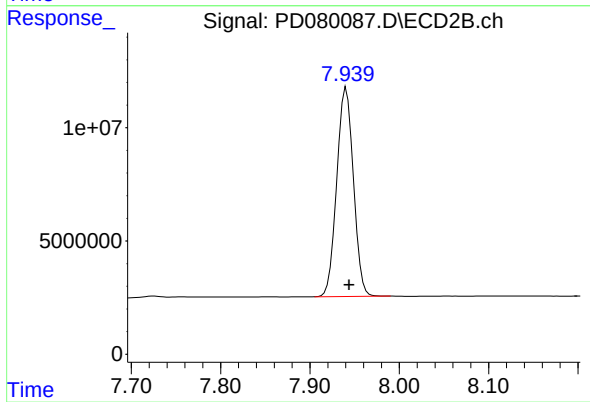
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/15/2023

Supervised By :Ankita Jodhani 12/15/2023



#28 Decachlorobiphenyl

R.T.: 7.941 min
Delta R.T.: -0.003 min
Response: 119493969
Conc: 42.39 ng/ml