

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080423\
 Data File : PD077006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2023 09:29
 Operator : AR\AJ
 Sample : PB154603BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB154603BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/07/2023
 Supervised By : Ankita Jodhani 08/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 00:33:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 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...	3.552	2.762	33129537	18859180	13.999	13.845
28)	SA Decachlor...	9.098	7.908	42929265	21607233	15.667	15.098
Target Compounds							
2)	A alpha-BHC	4.009	3.264	37675147	18339218	9.812	9.481
3)	MA gamma-BHC...	4.343	3.595	33884085	17914037	9.206	9.629
4)	MA Heptachlor	4.934	3.934	37900015	18915518	10.510	10.412
5)	MB Aldrin	5.277	4.213	36723415	17574056	9.937	9.491m
6)	B beta-BHC	4.540	3.892	16570746	8414460	11.012	11.030
7)	B delta-BHC	4.789	4.121	37683626	17152931	10.802	9.641m
8)	B Heptachlo...	5.705	4.717	39926529	17000014	12.058	10.166
9)	A Endosulfan I	6.091	5.087	32781766	15737699	10.786	10.089
10)	B gamma-Chl...	5.961	4.968	34672534	17255153	10.653	10.402
11)	B alpha-Chl...	6.041	5.032	35214702	17459676	10.739	10.455
12)	B 4,4'-DDE	6.213	5.220	30027900	14132171	10.122	9.745m
13)	MA Dieldrin	6.367	5.353	33587221	16518798	10.260	9.806
14)	MA Endrin	6.598	5.629	28531163	15304184	10.268	10.459
15)	B Endosulfa...	6.817	5.923	29505217	13426958	9.273	9.109
16)	A 4,4'-DDD	6.730	5.776	24330106	11054835	10.342m	9.941
17)	MA 4,4'-DDT	7.046	6.028	24399767	10819001	10.034	9.733
18)	B Endrin al...	6.948	6.103	22314324	11179478	10.215	9.820
19)	B Endosulfa...	7.183	6.326	28790540	14322727	11.050	10.739
20)	A Methoxychlor	7.523	6.603	14998534	6189067	10.586	10.351
21)	B Endrin ke...	7.670	6.832	33405316	15556965	11.092	9.812m
22)	Mirex	8.144	7.015	26907111	13416005	11.797	10.361

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080423\
Data File : PD077006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2023 09:29
Operator : AR\AJ
Sample : PB154603BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

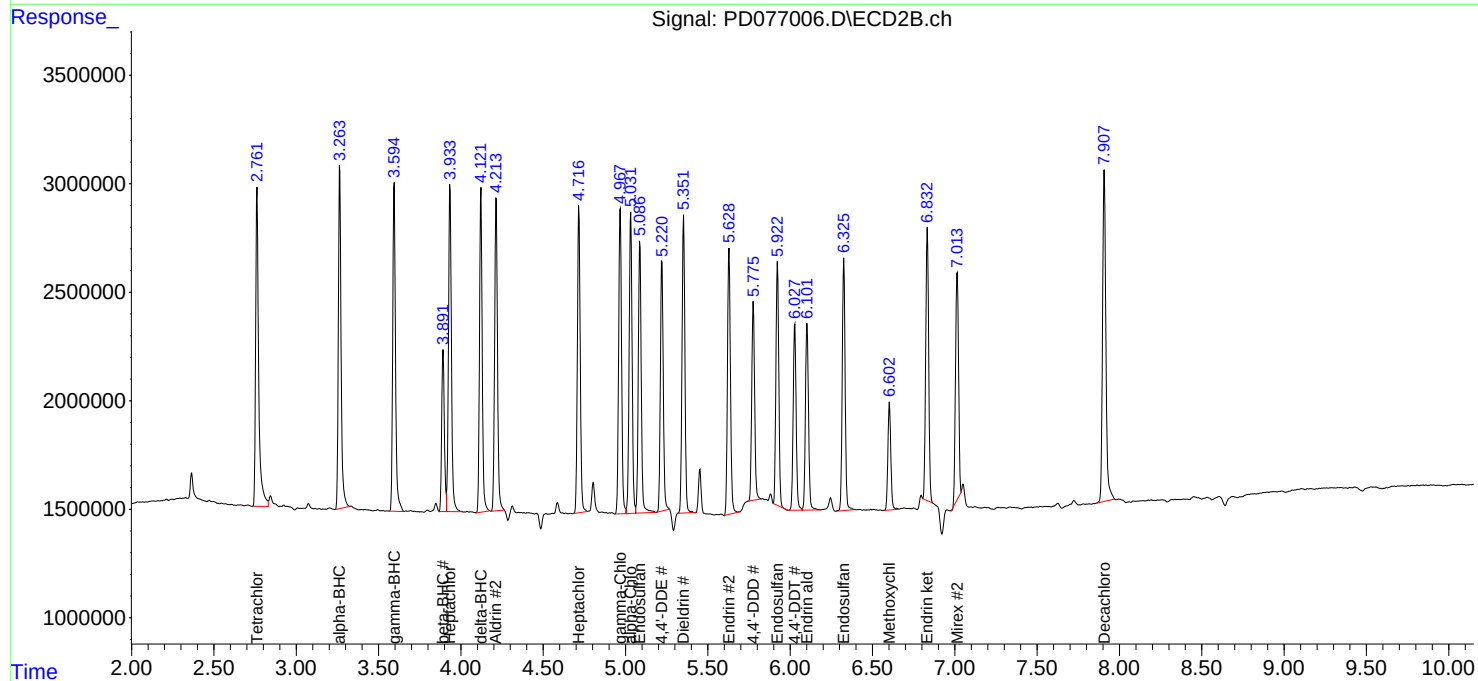
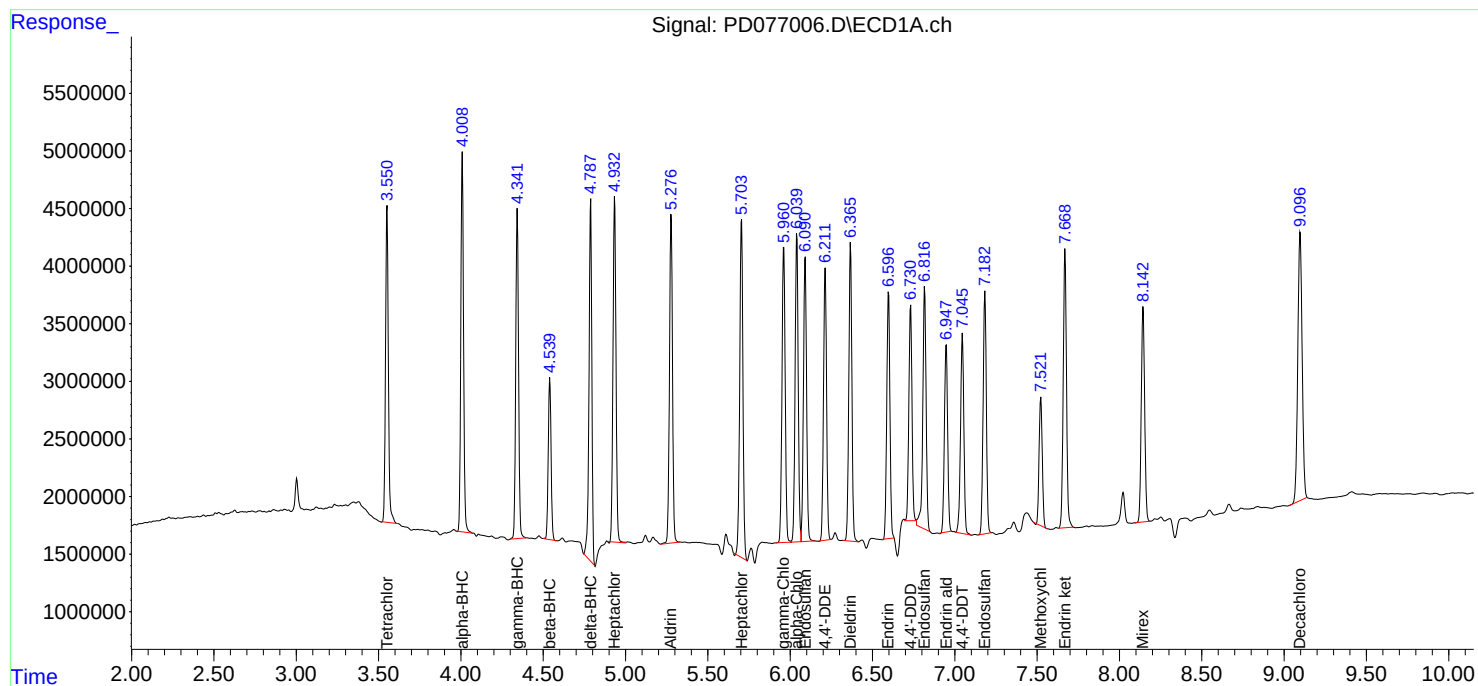
Instrument :
ECD_D
ClientSampleId :
PB154603BS

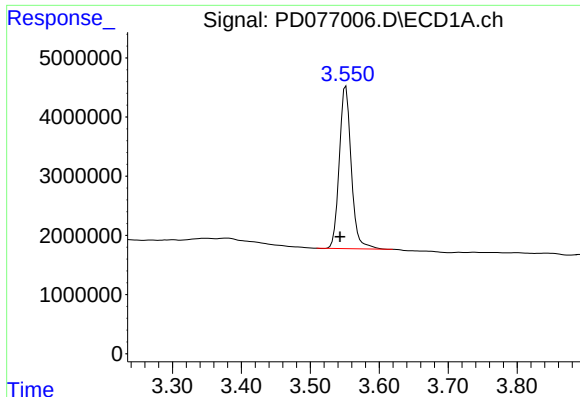
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:33:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 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





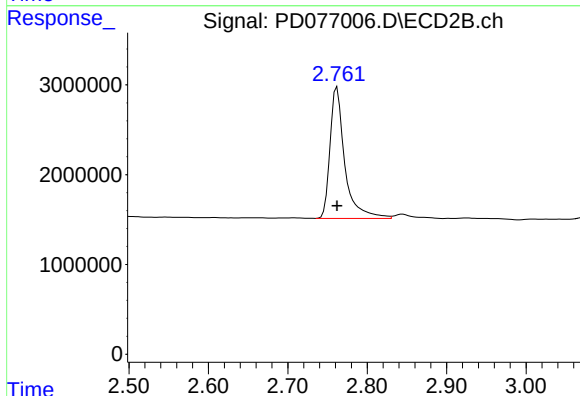
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.009 min
Response: 33129537
Conc: 14.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154603BS

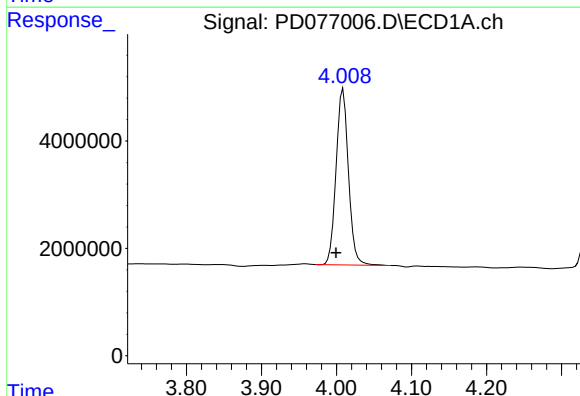
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



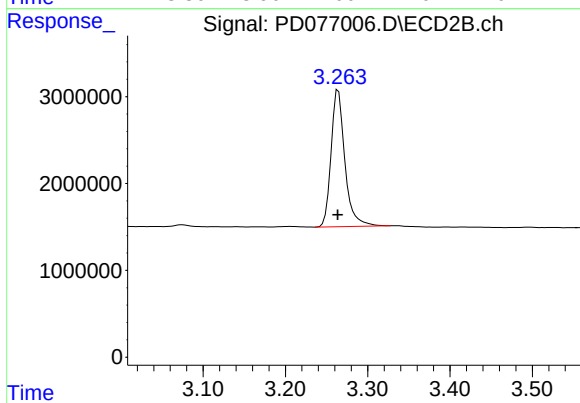
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 18859180
Conc: 13.85 ng/ml



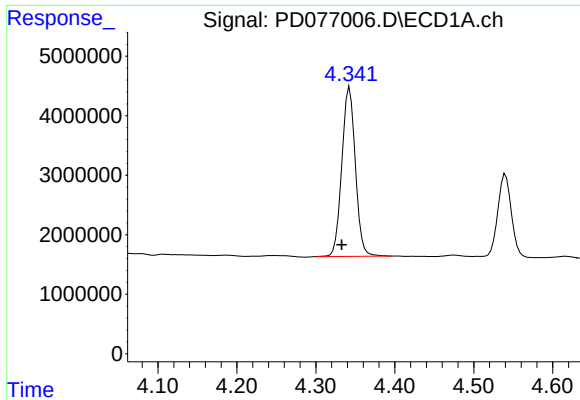
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.009 min
Response: 37675147
Conc: 9.81 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 18339218
Conc: 9.48 ng/ml



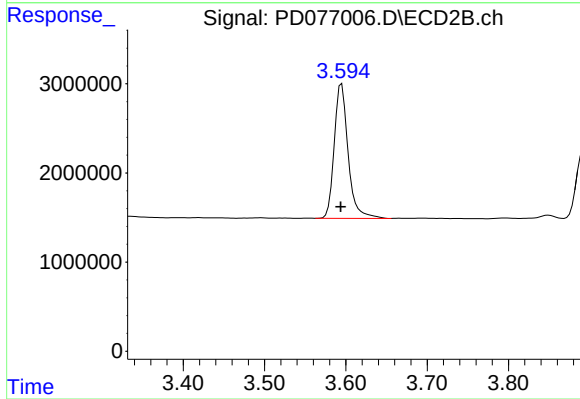
#3 gamma-BHC (Lindane)

R.T.: 4.343 min
Delta R.T.: 0.010 min
Response: 33884085
Conc: 9.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154603BS

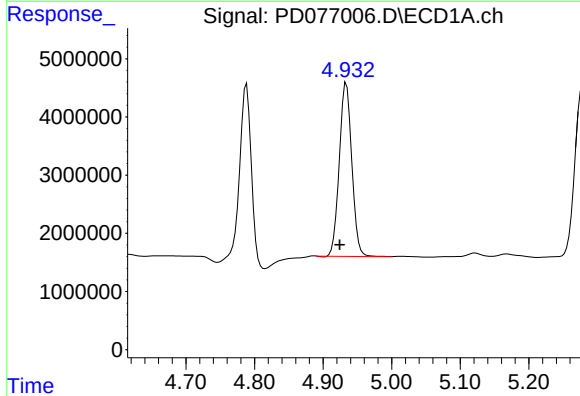
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



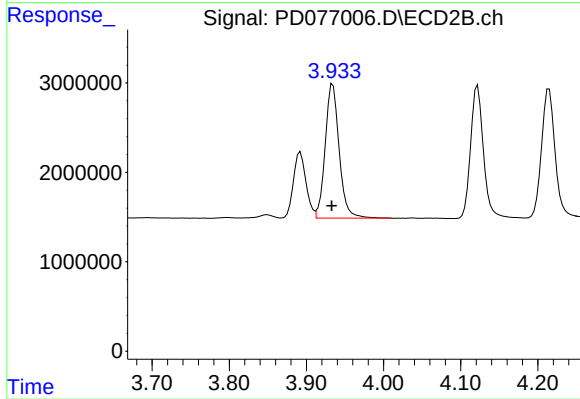
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: 0.001 min
Response: 17914037
Conc: 9.63 ng/ml



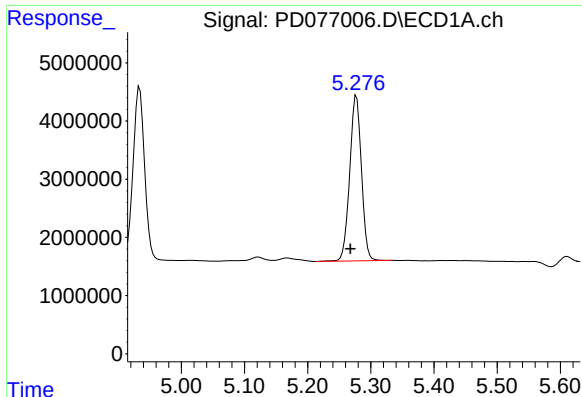
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.010 min
Response: 37900015
Conc: 10.51 ng/ml



#4 Heptachlor

R.T.: 3.934 min
Delta R.T.: 0.001 min
Response: 18915518
Conc: 10.41 ng/ml



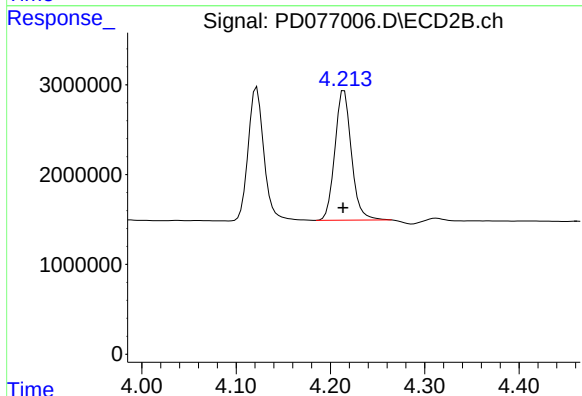
#5 Aldrin

R.T.: 5.277 min
Delta R.T.: 0.010 min
Response: 36723415
Conc: 9.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154603BS

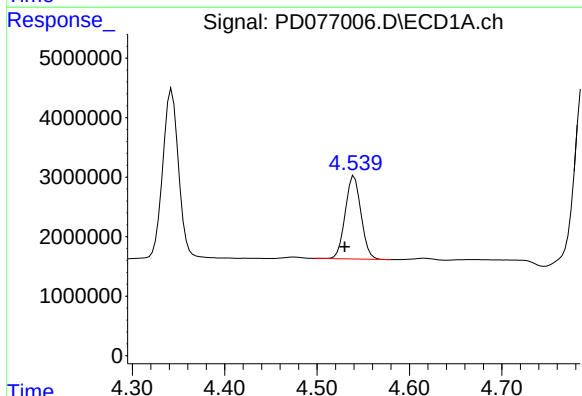
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



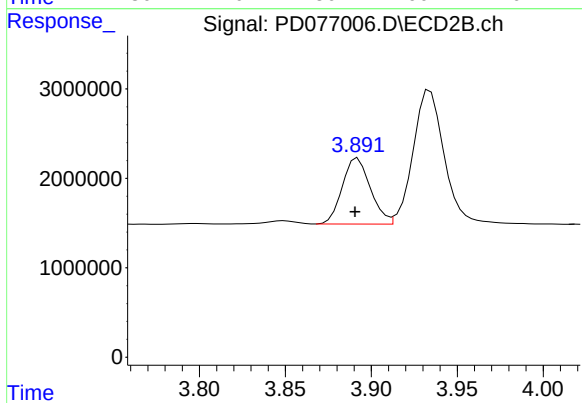
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 17574056
Conc: 9.49 ng/ml m



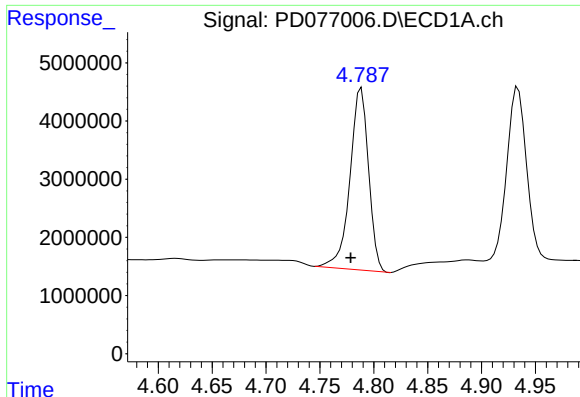
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: 0.010 min
Response: 16570746
Conc: 11.01 ng/ml



#6 beta-BHC

R.T.: 3.892 min
Delta R.T.: 0.002 min
Response: 8414460
Conc: 11.03 ng/ml



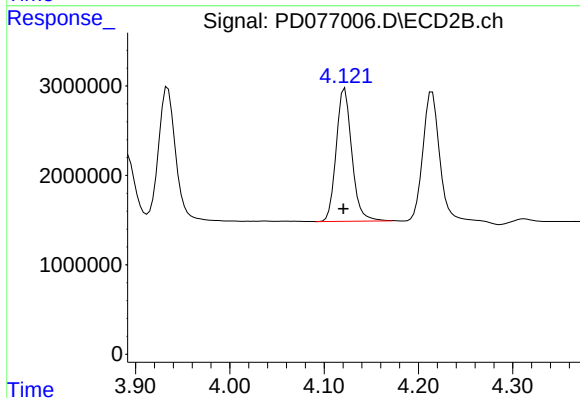
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: 0.010 min
Response: 37683626
Conc: 10.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154603BS

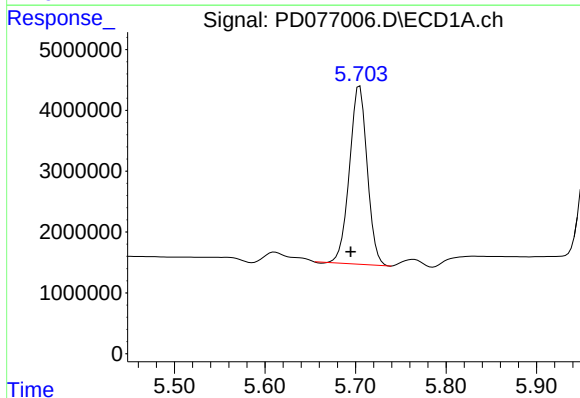
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



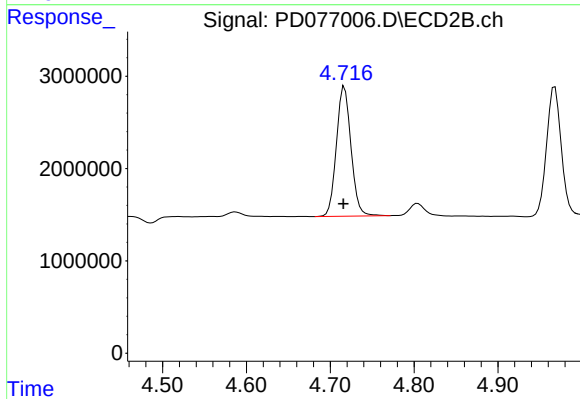
#7 delta-BHC

R.T.: 4.121 min
Delta R.T.: 0.000 min
Response: 17152931
Conc: 9.64 ng/ml m



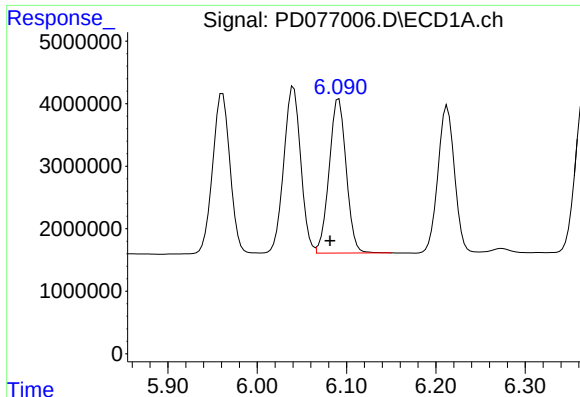
#8 Heptachlor epoxide

R.T.: 5.705 min
Delta R.T.: 0.010 min
Response: 39926529
Conc: 12.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: 0.002 min
Response: 17000014
Conc: 10.17 ng/ml



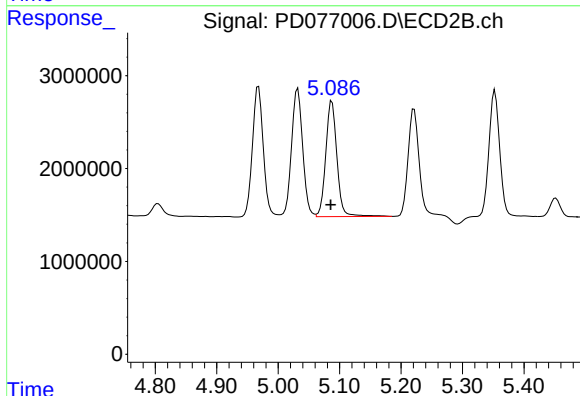
#9 Endosulfan I

R.T.: 6.091 min
Delta R.T.: 0.010 min
Response: 32781766
Conc: 10.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154603BS

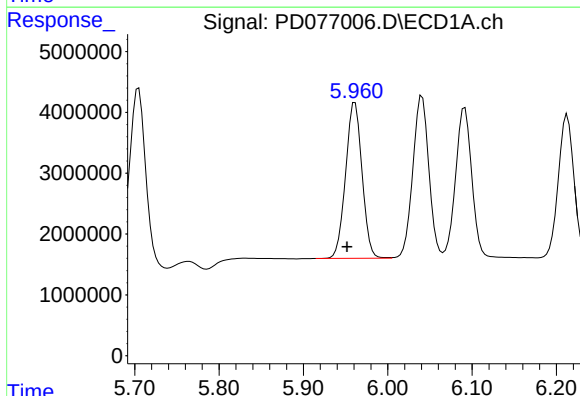
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



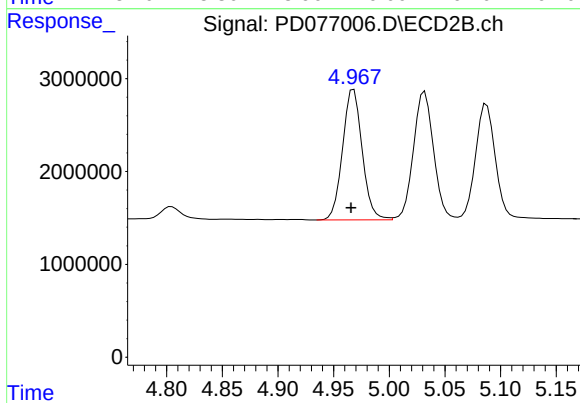
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: 0.002 min
Response: 15737699
Conc: 10.09 ng/ml



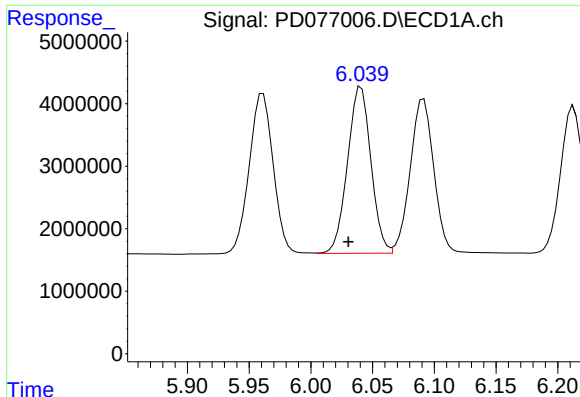
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.010 min
Response: 34672534
Conc: 10.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: 0.002 min
Response: 17255153
Conc: 10.40 ng/ml



#11 alpha-Chlordane

R.T.: 6.041 min
Delta R.T.: 0.010 min
Response: 35214702
Conc: 10.74 ng/ml

Instrument :

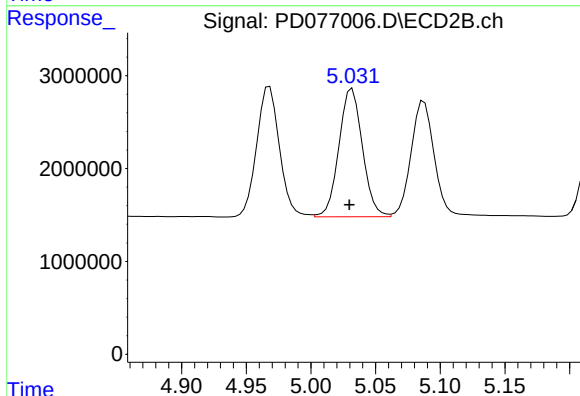
ECD_D

ClientSampleId :

PB154603BS

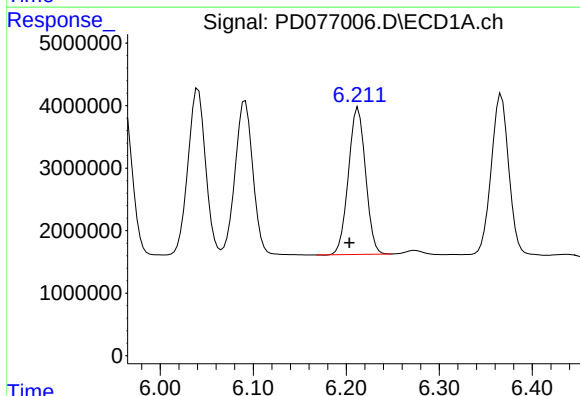
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



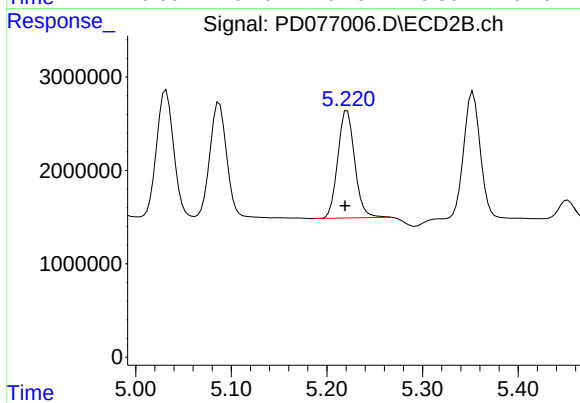
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.002 min
Response: 17459676
Conc: 10.46 ng/ml



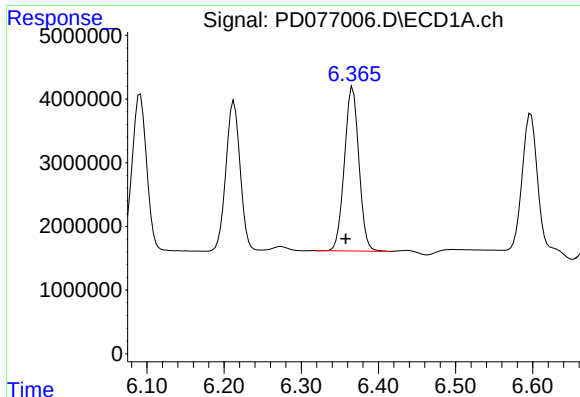
#12 4,4'-DDE

R.T.: 6.213 min
Delta R.T.: 0.010 min
Response: 30027900
Conc: 10.12 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 14132171
Conc: 9.75 ng/ml m



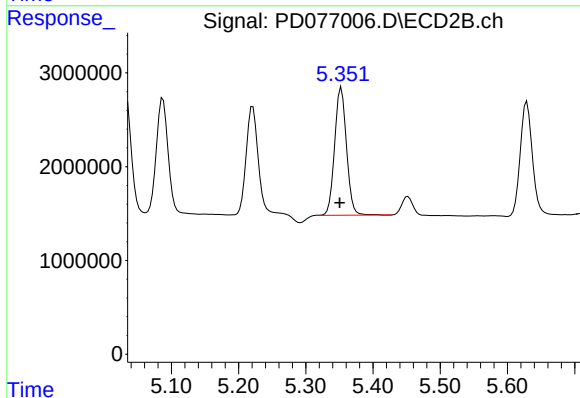
#13 Dieldrin

R.T.: 6.367 min
Delta R.T.: 0.009 min
Response: 33587221
Conc: 10.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154603BS

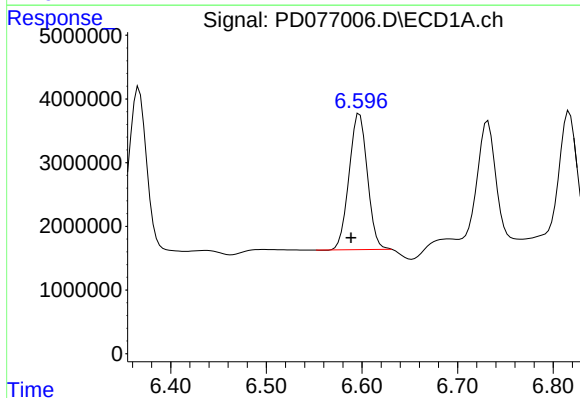
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



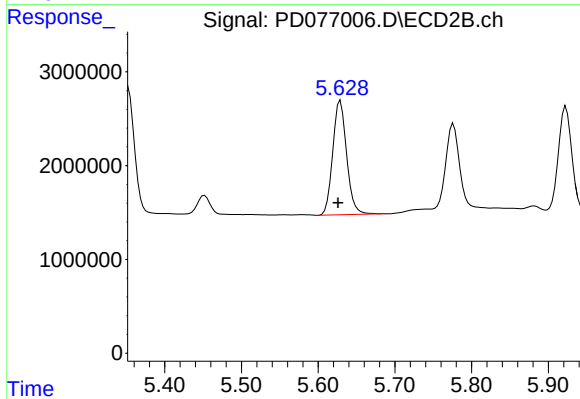
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: 0.002 min
Response: 16518798
Conc: 9.81 ng/ml



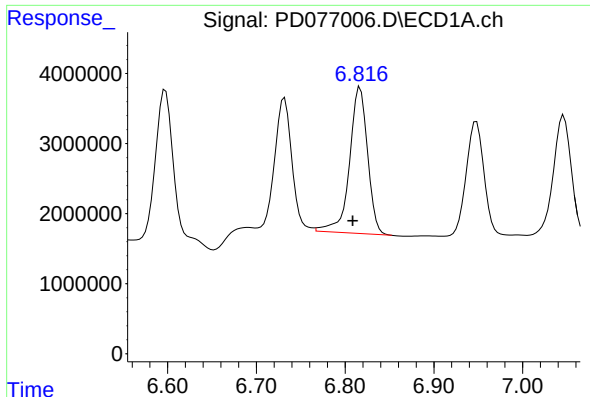
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.009 min
Response: 28531163
Conc: 10.27 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: 0.003 min
Response: 15304184
Conc: 10.46 ng/ml



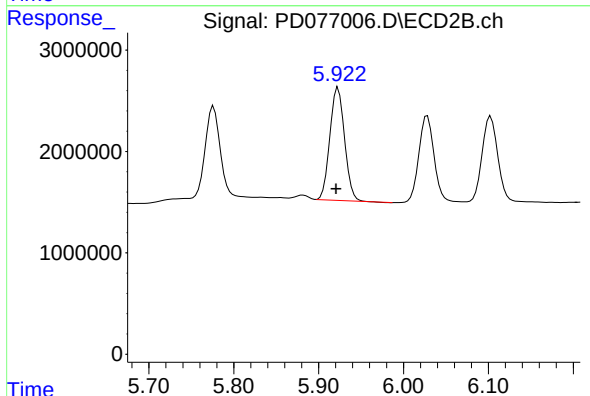
#15 Endosulfan II

R.T.: 6.817 min
Delta R.T.: 0.008 min
Response: 29505217
Conc: 9.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154603BS

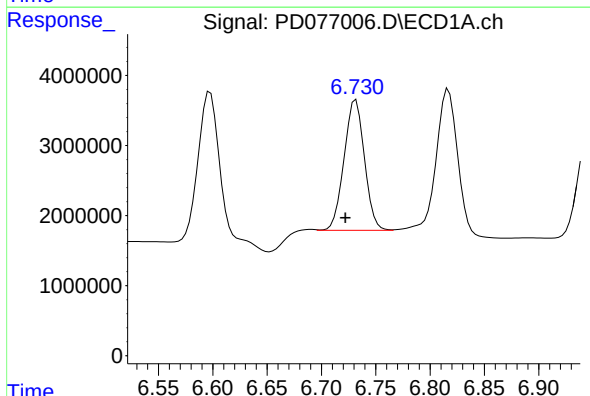
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



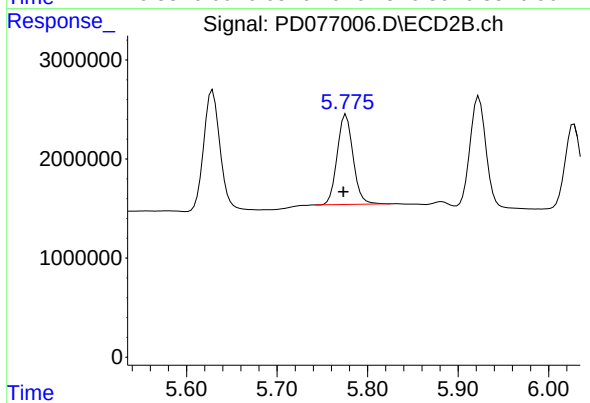
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.002 min
Response: 13426958
Conc: 9.11 ng/ml



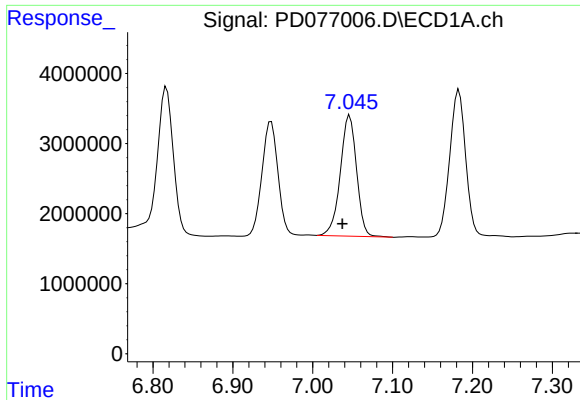
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: 0.008 min
Response: 24330106
Conc: 10.34 ng/ml m



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.003 min
Response: 11054835
Conc: 9.94 ng/ml



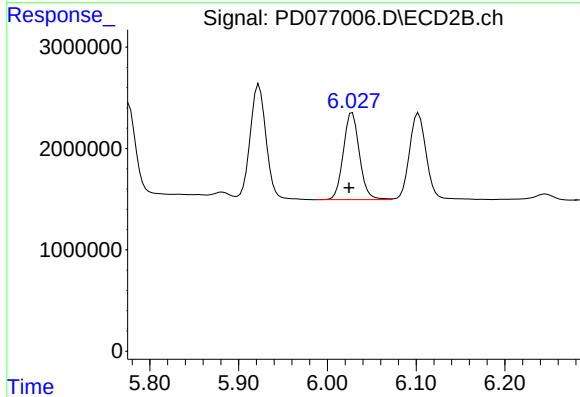
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.009 min
Response: 24399767
Conc: 10.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154603BS

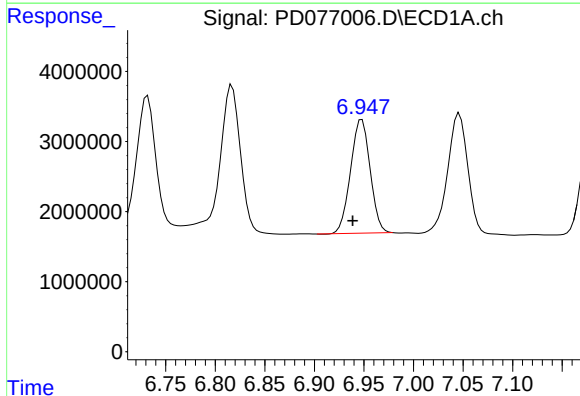
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



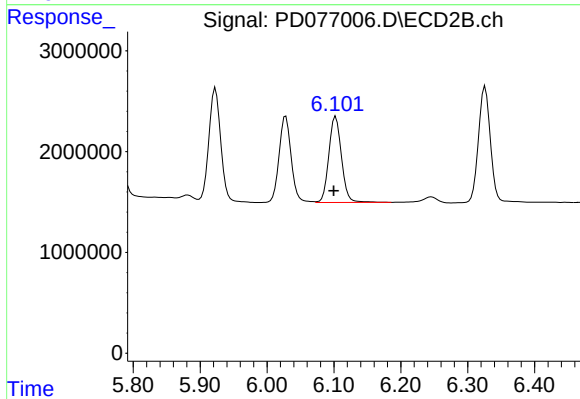
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.003 min
Response: 10819001
Conc: 9.73 ng/ml



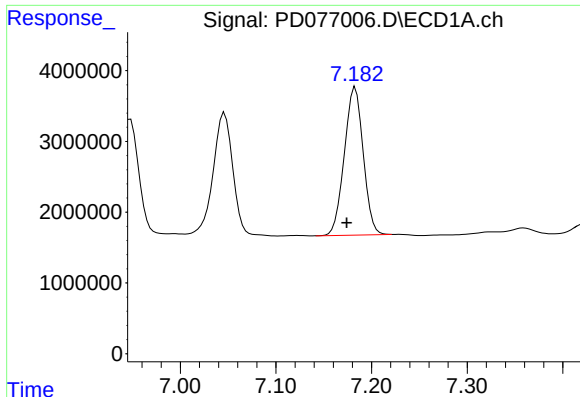
#18 Endrin aldehyde

R.T.: 6.948 min
Delta R.T.: 0.009 min
Response: 22314324
Conc: 10.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.003 min
Response: 11179478
Conc: 9.82 ng/ml



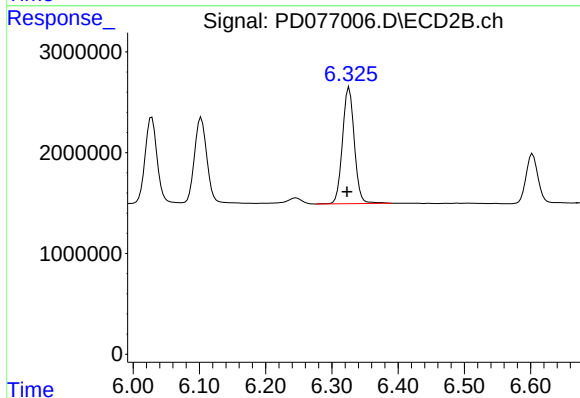
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: 0.009 min
Response: 28790540
Conc: 11.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154603BS

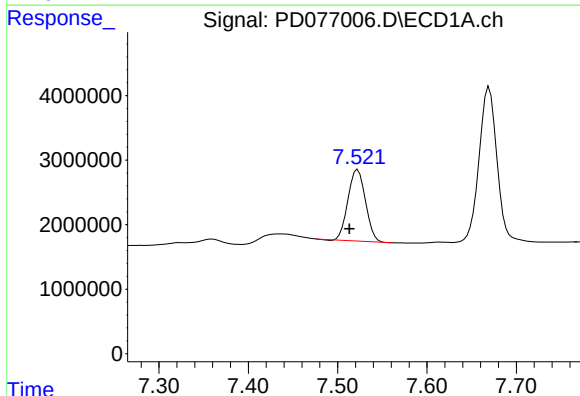
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



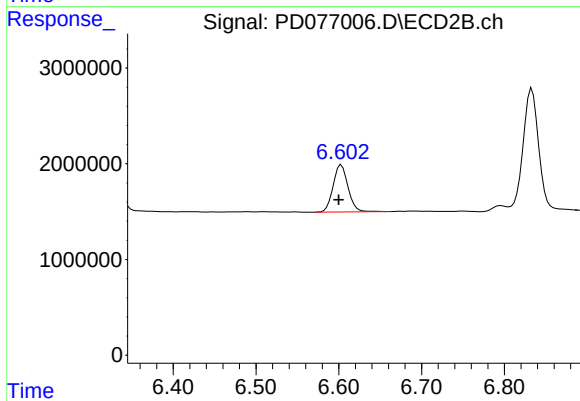
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.003 min
Response: 14322727
Conc: 10.74 ng/ml



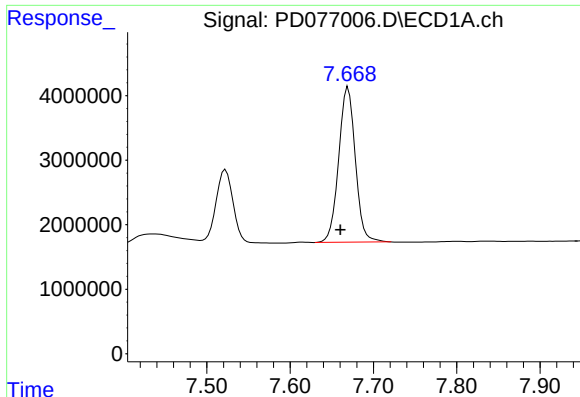
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.009 min
Response: 14998534
Conc: 10.59 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: 0.003 min
Response: 6189067
Conc: 10.35 ng/ml



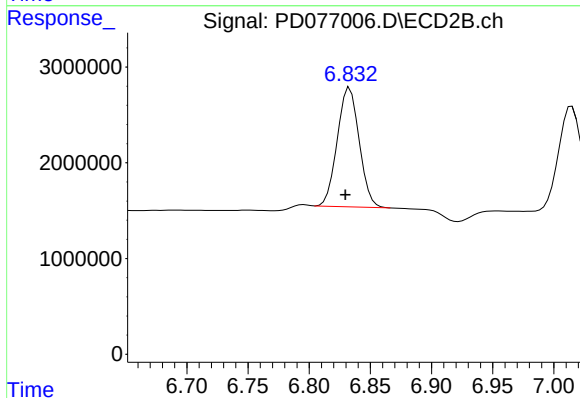
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: 0.009 min
Response: 33405316
Conc: 11.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154603BS

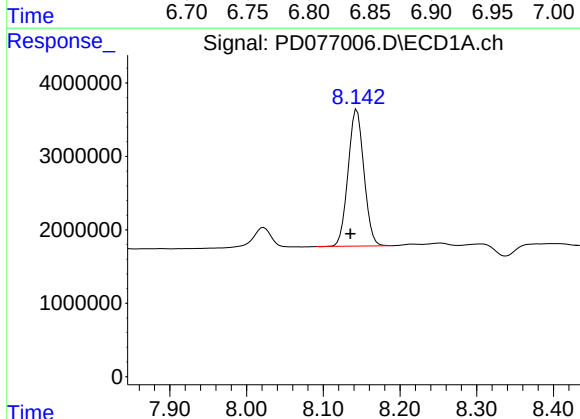
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



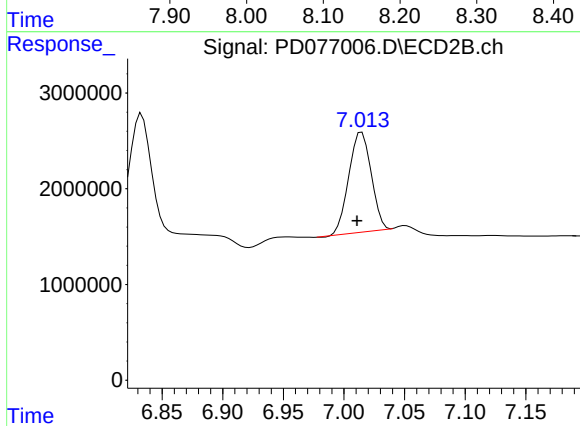
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: 0.002 min
Response: 15556965
Conc: 9.81 ng/ml m



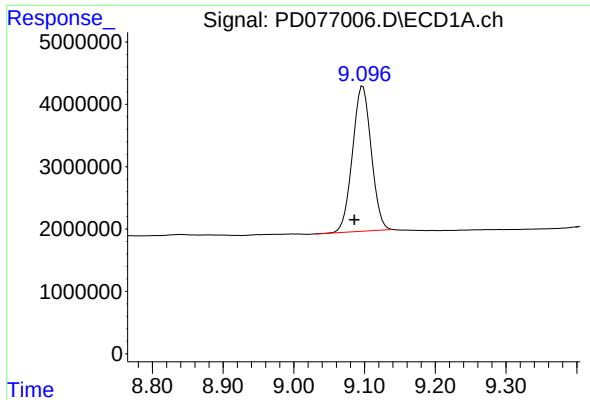
#22 Mirex

R.T.: 8.144 min
Delta R.T.: 0.009 min
Response: 26907111
Conc: 11.80 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.004 min
Response: 13416005
Conc: 10.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: 0.012 min
Response: 42929265
Conc: 15.67 ng/ml

Instrument :

ECD_D

ClientSampleId :

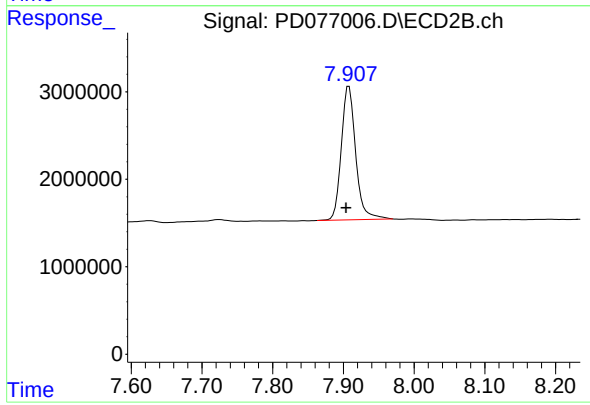
PB154603BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/07/2023

Supervised By :Ankita Jodhani 08/07/2023



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.004 min
Response: 21607233
Conc: 15.10 ng/ml