

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081923\
 Data File : PD077239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2023 15:52
 Operator : AR\AJ
 Sample : PB154901BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB154901BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/18/2023
 Supervised By : Ankita Jodhani 08/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 21:40:37 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...	3.547	2.760	43887204	25006113	18.545	18.358
28)	SA Decachlor...	9.092	7.906	58492278	28093319	21.346	19.631
Target Compounds							
2)	A alpha-BHC	4.004	3.262	36435325	18766610	9.489	9.702
3)	MA gamma-BHC...	4.338	3.593	33350576	17337291	9.061	9.319
4)	MA Heptachlor	4.929	3.933	35987254	18356447	9.980	10.104
5)	MB Aldrin	5.272	4.213	35017468	18990836	9.475	10.256
6)	B beta-BHC	4.535	3.891	15911430	8032968	10.574	10.529
7)	B delta-BHC	4.784	4.120	35529028	17164336	10.184	9.647
8)	B Heptachlo...	5.700	4.716	39083637	16440246	11.804	9.831
9)	A Endosulfan I	6.087	5.086	31367707	15162152	10.321	9.720
10)	B gamma-Chl...	5.957	4.966	32928692	16551924	10.117	9.978
11)	B alpha-Chl...	6.036	5.030	33596716	16771325	10.246	10.043
12)	B 4,4'-DDE	6.209	5.218	28171702	13599454	9.497	9.378m
13)	MA Dieldrin	6.363	5.351	31572459	15869094	9.644	9.420
14)	MA Endrin	6.594	5.627	27091089	14555803	9.750	9.948
15)	B Endosulfa...	6.814	5.921	27130092	13496599	8.527	9.156
16)	A 4,4'-DDD	6.728	5.774	23819356	11099853	10.125	9.981
17)	MA 4,4'-DDT	7.042	6.026	23218300	10076753	9.548	9.065
18)	B Endrin al...	6.944	6.101	21672336	10887496	9.921	9.564
19)	B Endosulfa...	7.178	6.324	27070767	13827940	10.390	10.368
20)	A Methoxychlor	7.519	6.601	13739243	5763223	9.697	9.638
21)	B Endrin ke...	7.665	6.831	31042358	14945433	10.307	9.426
22)	Mirex	8.140	7.013	26323175	13469038	11.541	10.402

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081923\
Data File : PD077239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Aug 2023 15:52
Operator : AR\AJ
Sample : PB154901BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

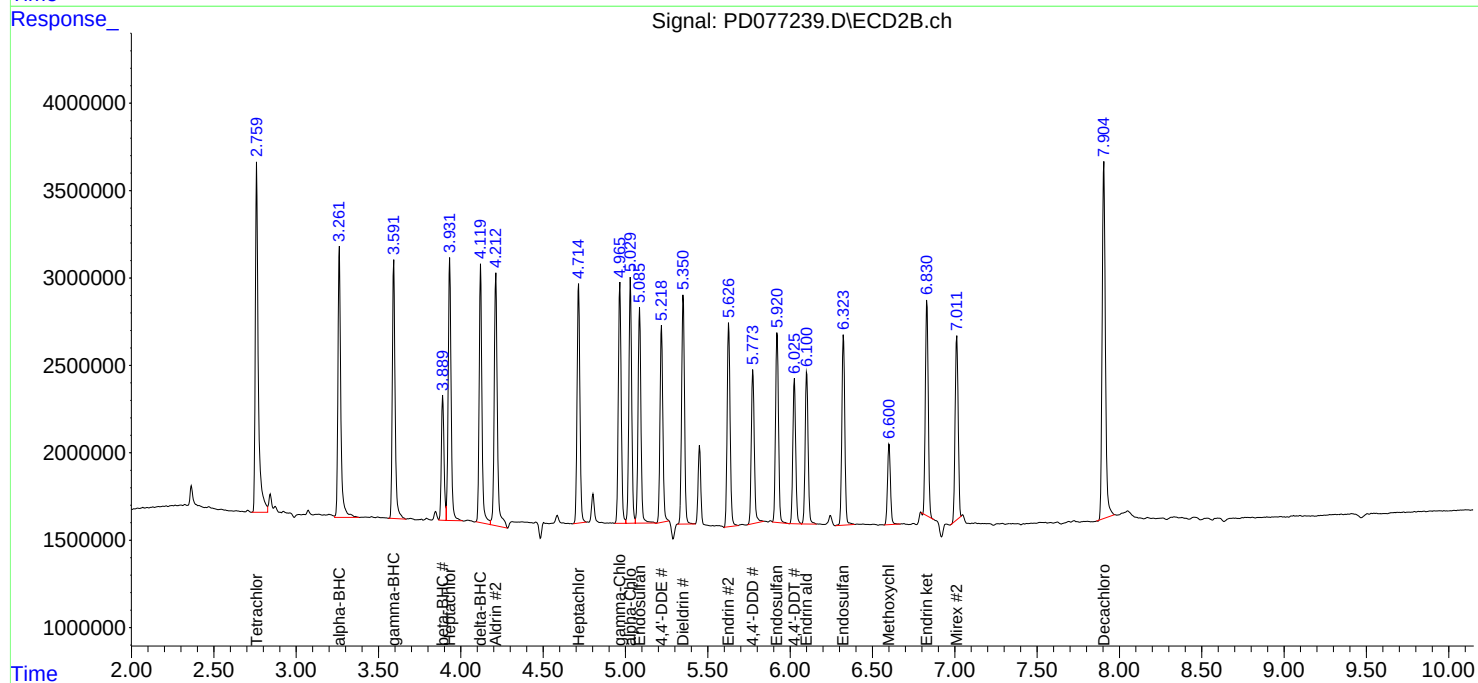
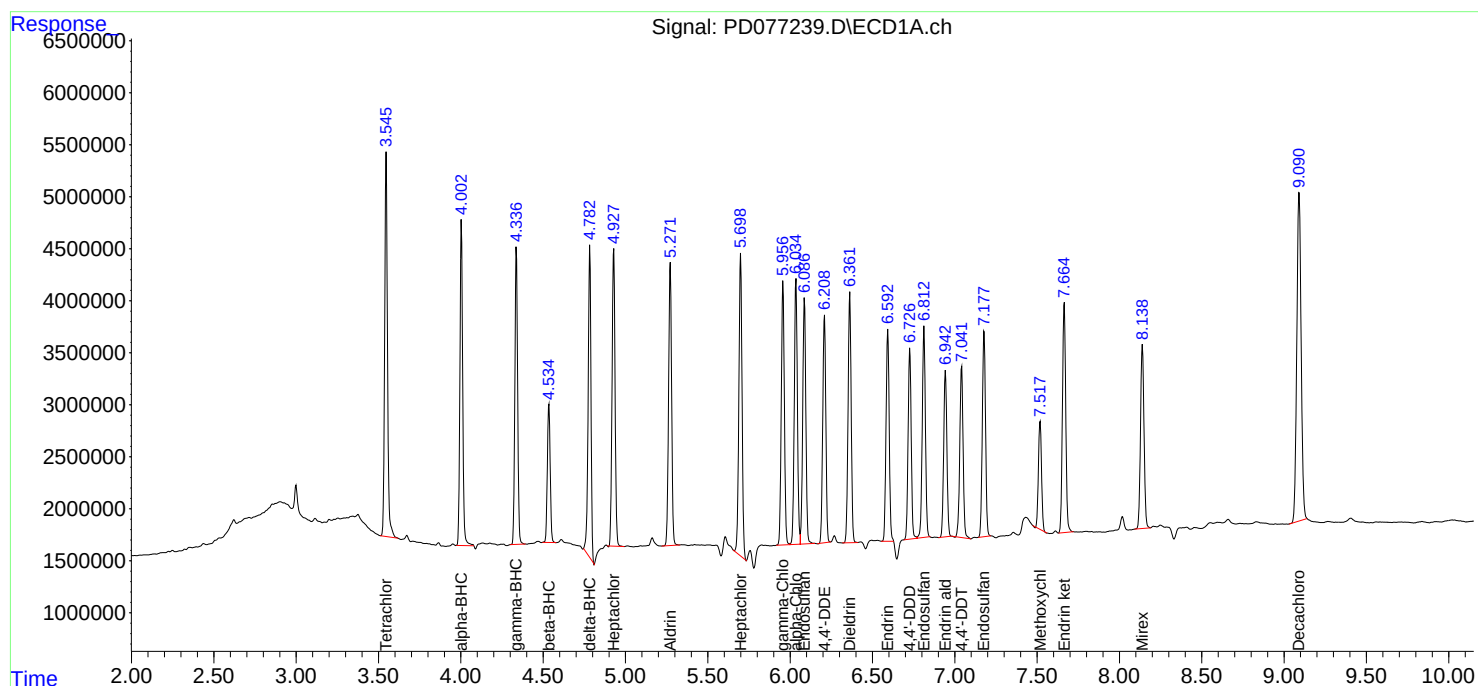
Instrument :
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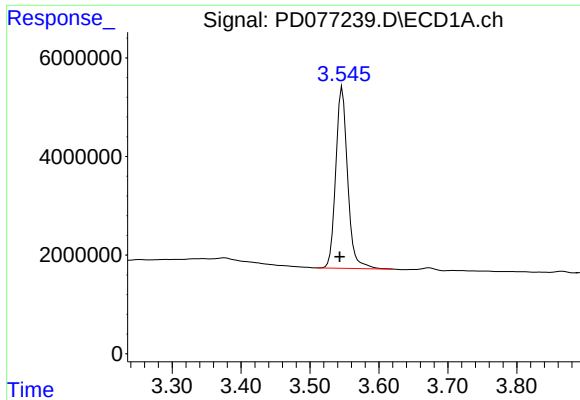
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2023
Supervised By :Ankita Jodhani 08/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 21:40:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 2023
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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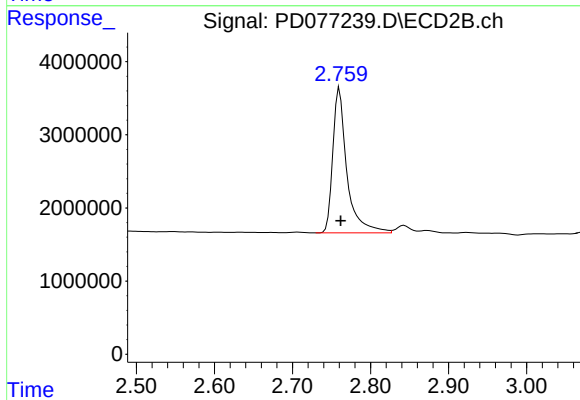
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.004 min
Response: 43887204
Conc: 18.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154901BSD

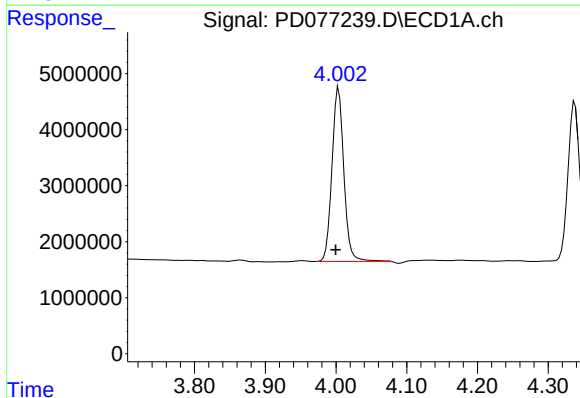
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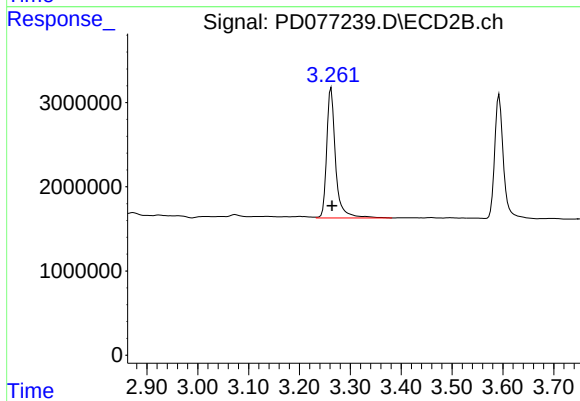
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 25006113
Conc: 18.36 ng/ml



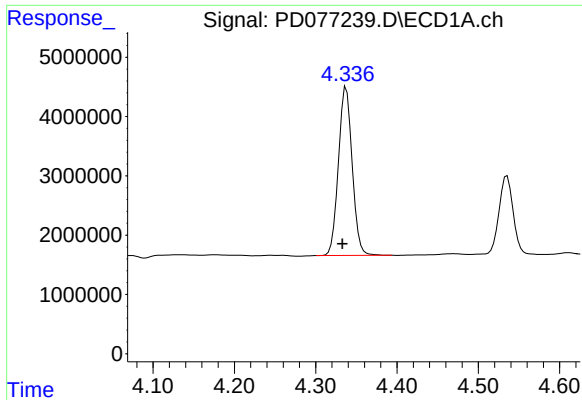
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.004 min
Response: 36435325
Conc: 9.49 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 18766610
Conc: 9.70 ng/ml



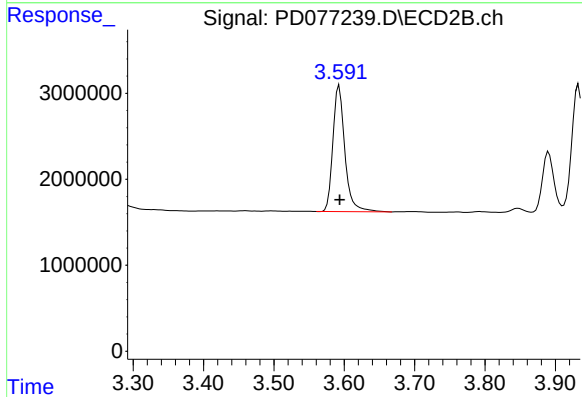
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.005 min
Response: 33350576
Conc: 9.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
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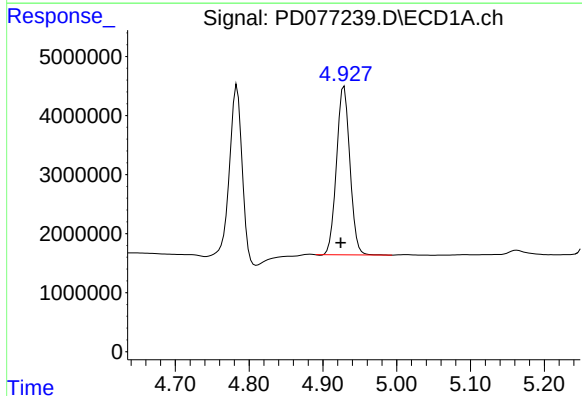
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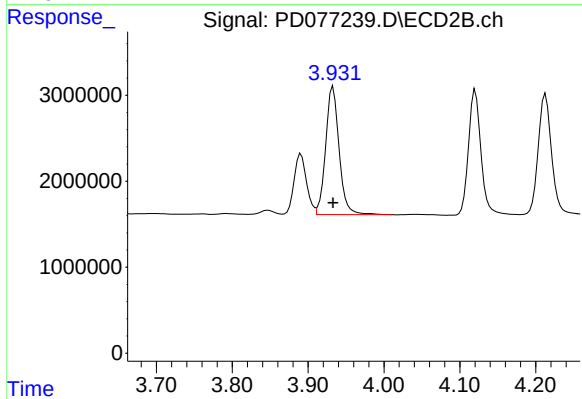
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 17337291
Conc: 9.32 ng/ml



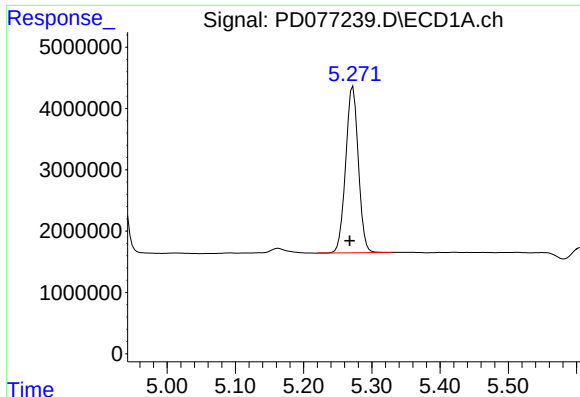
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.005 min
Response: 35987254
Conc: 9.98 ng/ml



#4 Heptachlor

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 18356447
Conc: 10.10 ng/ml



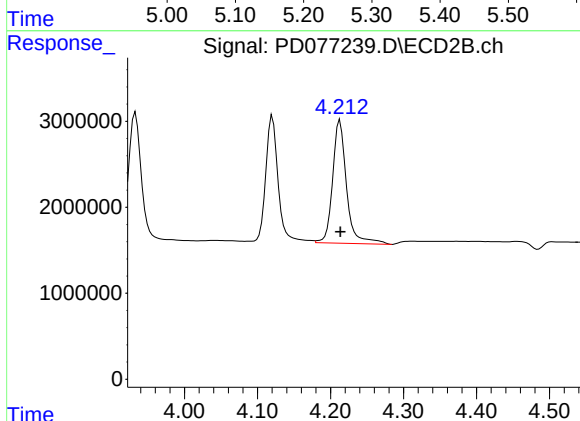
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.005 min
Response: 35017468
Conc: 9.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154901BSD

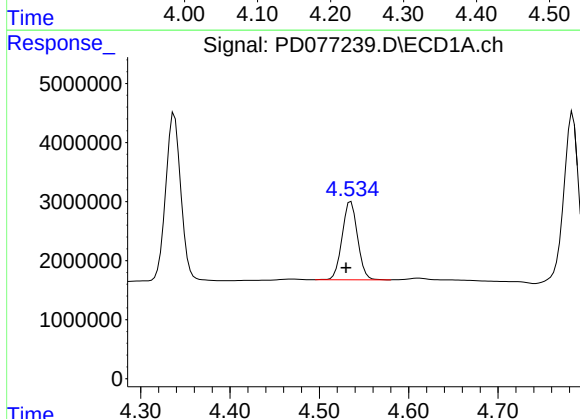
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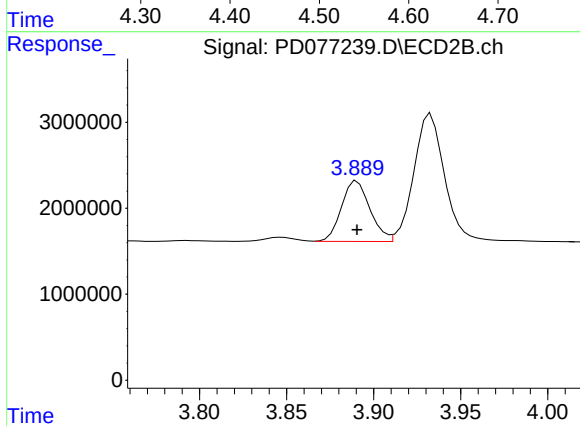
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 18990836
Conc: 10.26 ng/ml



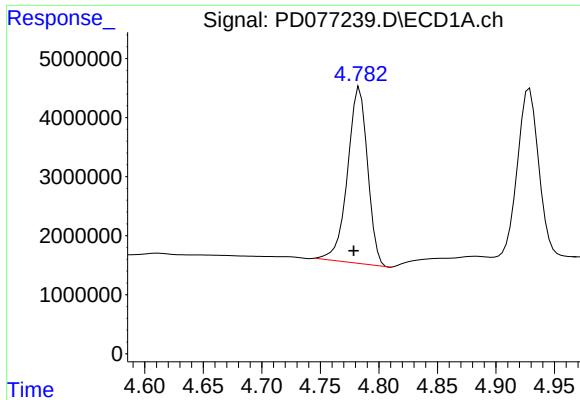
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.006 min
Response: 15911430
Conc: 10.57 ng/ml



#6 beta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 8032968
Conc: 10.53 ng/ml



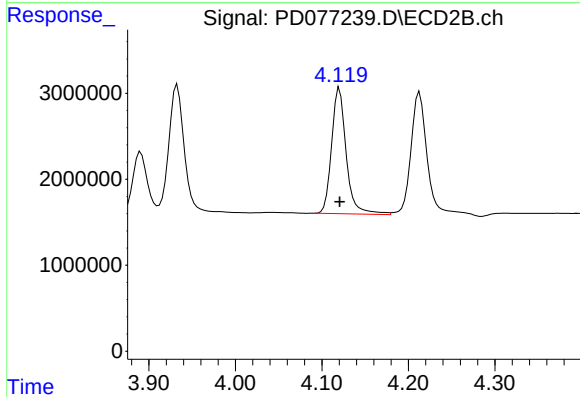
#7 delta-BHC

R.T.: 4.784 min
Delta R.T.: 0.005 min
Response: 35529028
Conc: 10.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154901BSD

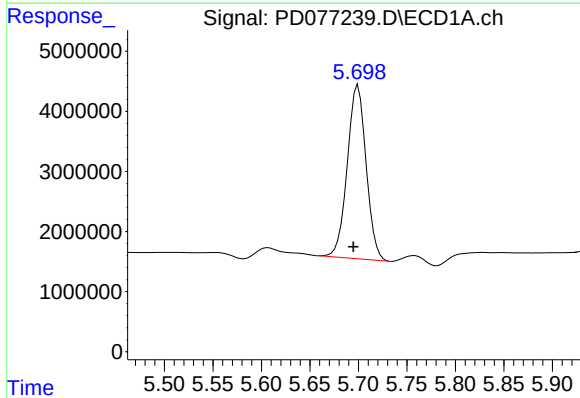
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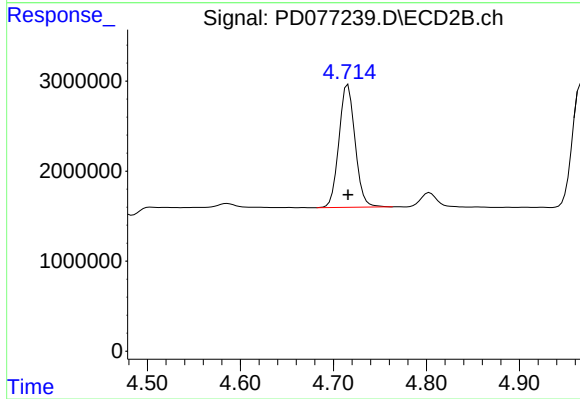
#7 delta-BHC

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 17164336
Conc: 9.65 ng/ml



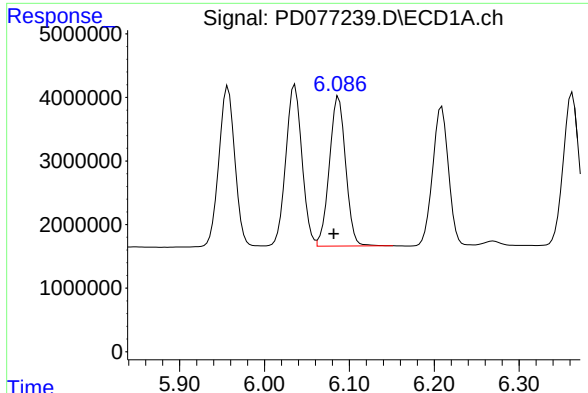
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.005 min
Response: 39083637
Conc: 11.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 16440246
Conc: 9.83 ng/ml



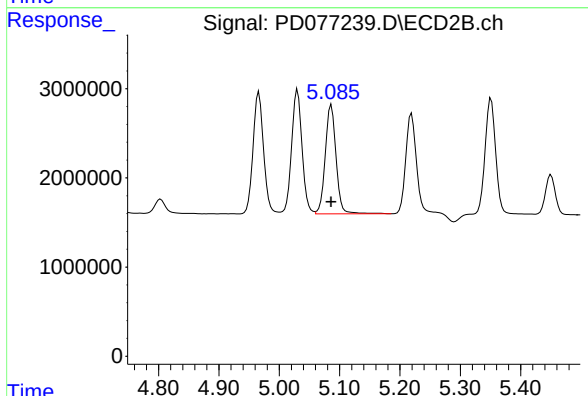
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: 0.006 min
Response: 31367707
Conc: 10.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154901BSD

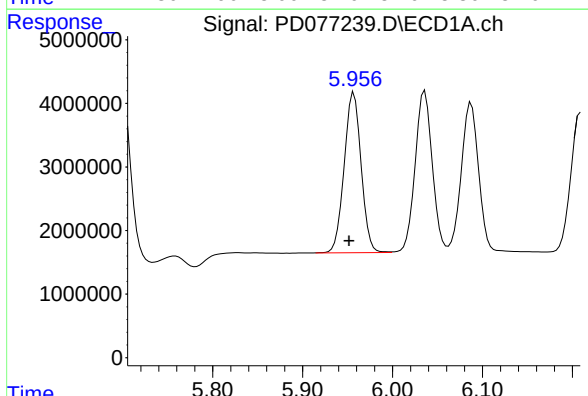
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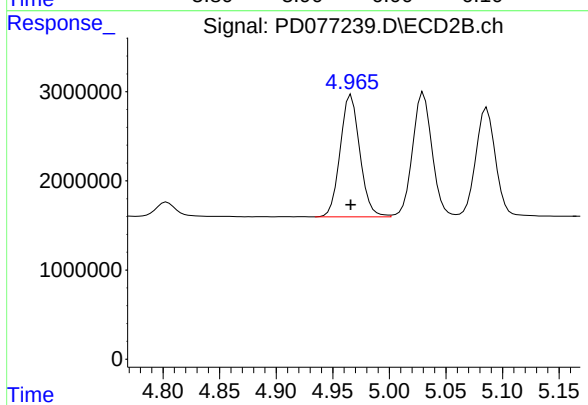
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 15162152
Conc: 9.72 ng/ml



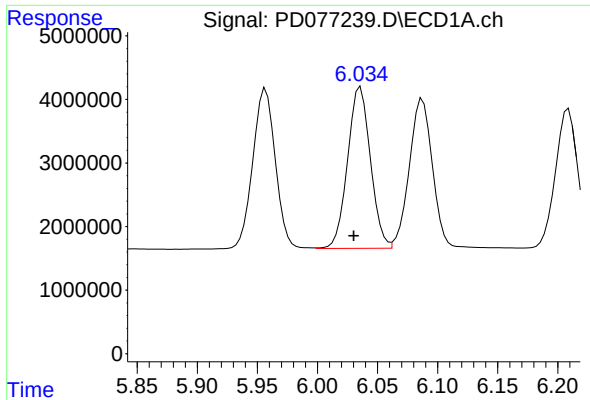
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.005 min
Response: 32928692
Conc: 10.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 16551924
Conc: 9.98 ng/ml



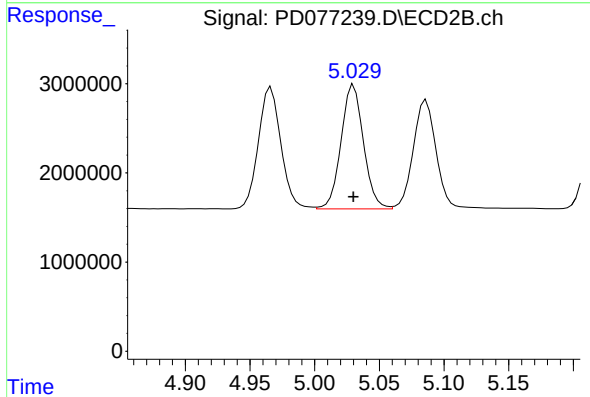
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.006 min
Response: 33596716
Conc: 10.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154901BSD

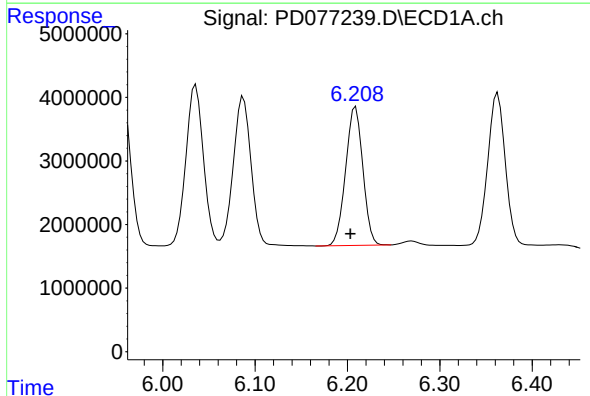
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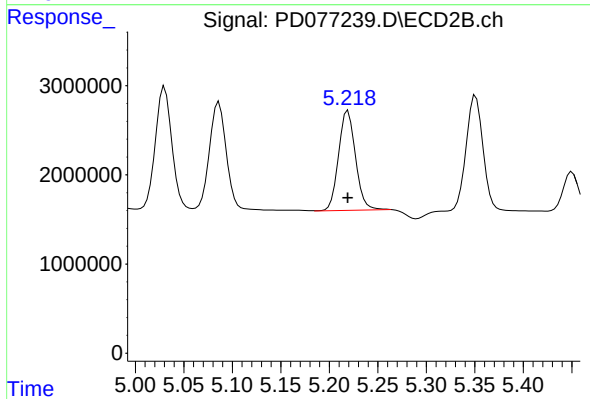
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 16771325
Conc: 10.04 ng/ml



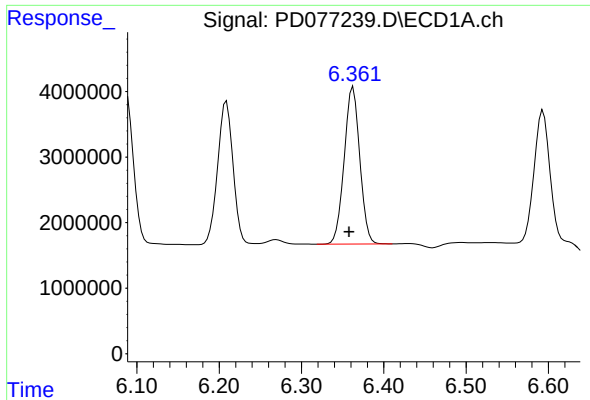
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: 0.006 min
Response: 28171702
Conc: 9.50 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 13599454
Conc: 9.38 ng/ml m



#13 Dieldrin

R.T.: 6.363 min
Delta R.T.: 0.005 min
Response: 31572459
Conc: 9.64 ng/ml

Instrument :

ECD_D

ClientSampleId :

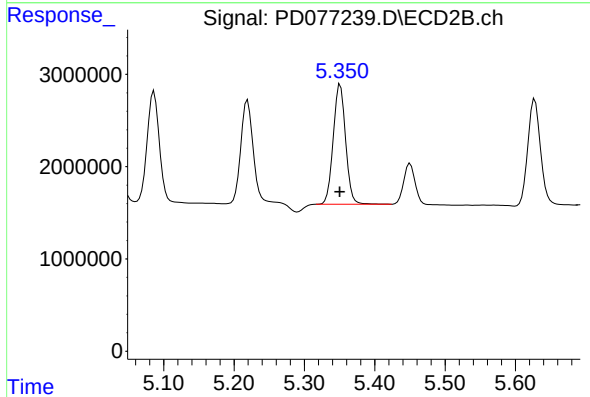
PB154901BSD

Manual Integrations

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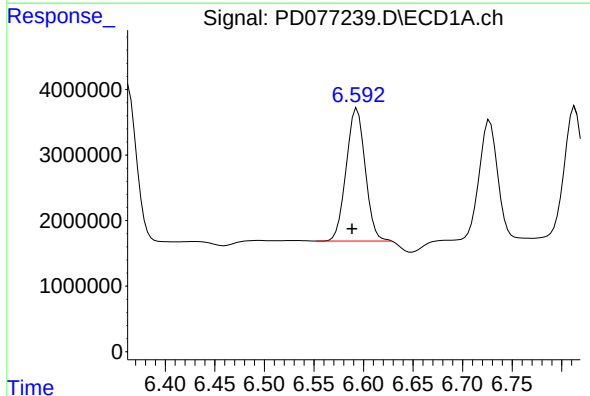
Reviewed By :Abdul Mirza 08/18/2023

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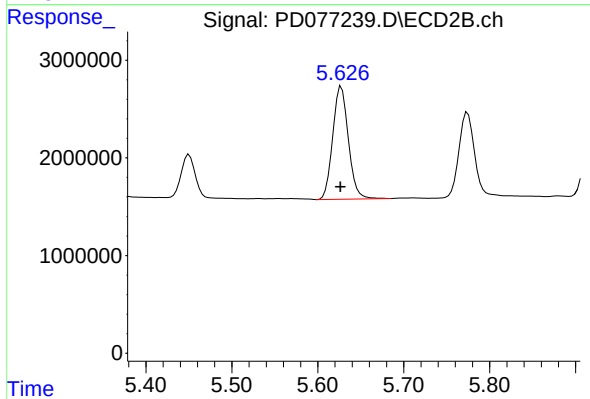
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 15869094
Conc: 9.42 ng/ml



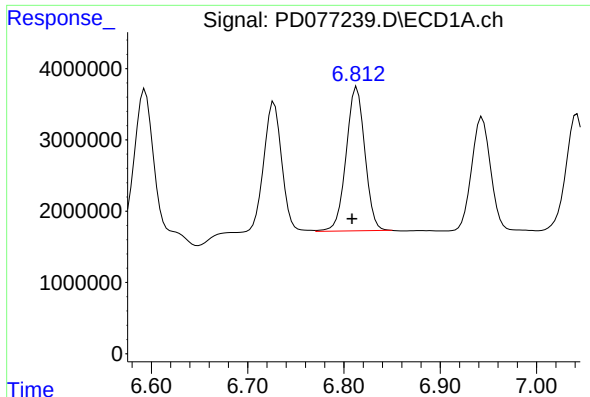
#14 Endrin

R.T.: 6.594 min
Delta R.T.: 0.005 min
Response: 27091089
Conc: 9.75 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.001 min
Response: 14555803
Conc: 9.95 ng/ml



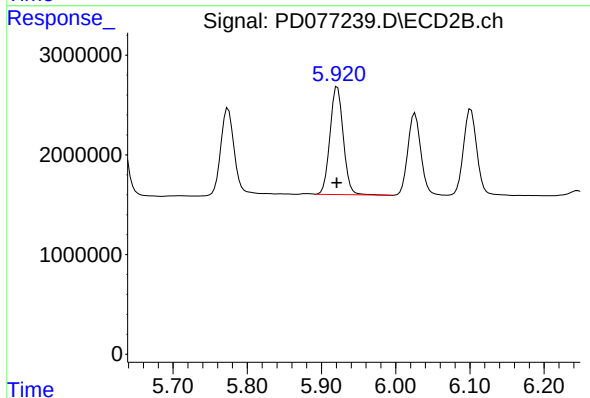
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.005 min
Response: 27130092
Conc: 8.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154901BSD

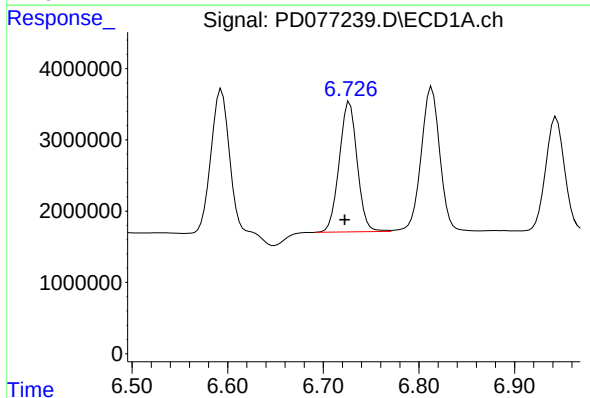
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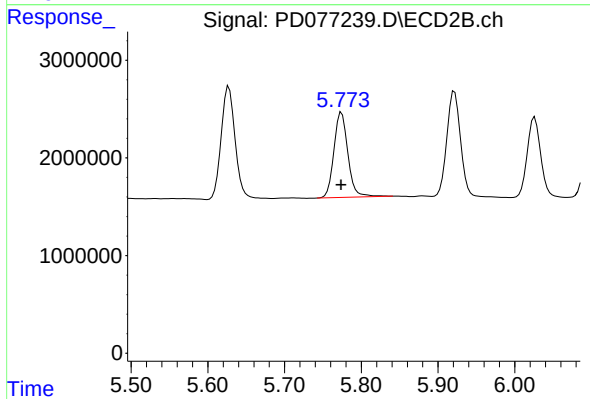
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 13496599
Conc: 9.16 ng/ml



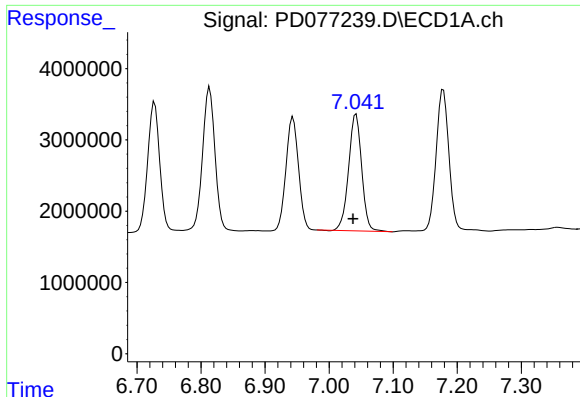
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.005 min
Response: 23819356
Conc: 10.12 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 11099853
Conc: 9.98 ng/ml



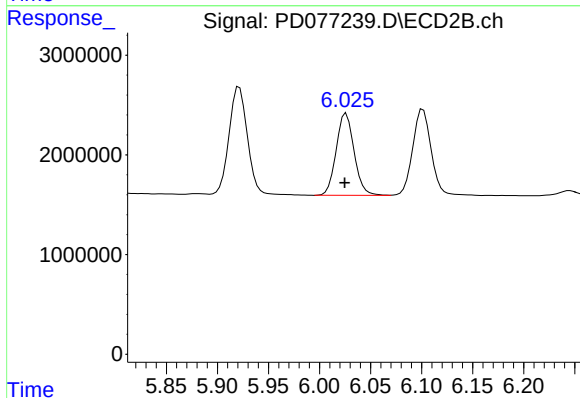
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: 0.005 min
Response: 23218300
Conc: 9.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154901BSD

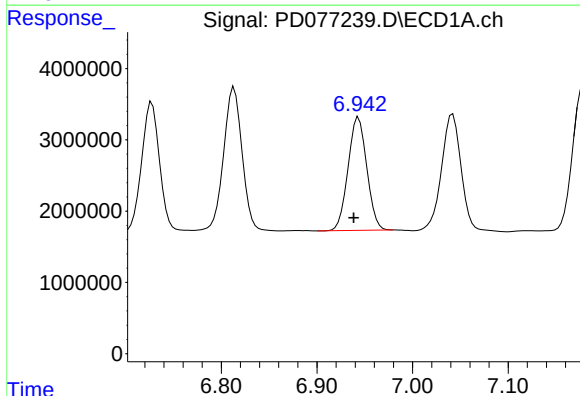
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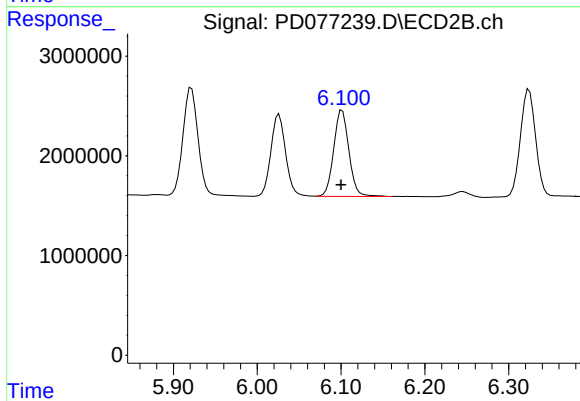
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.001 min
Response: 10076753
Conc: 9.07 ng/ml



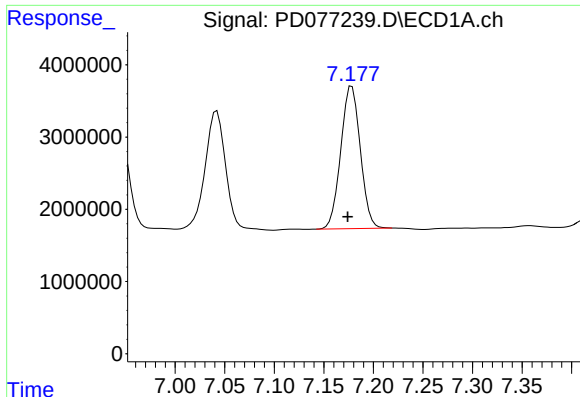
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: 0.005 min
Response: 21672336
Conc: 9.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.002 min
Response: 10887496
Conc: 9.56 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.004 min
Response: 27070767
Conc: 10.39 ng/ml

Instrument :

ECD_D

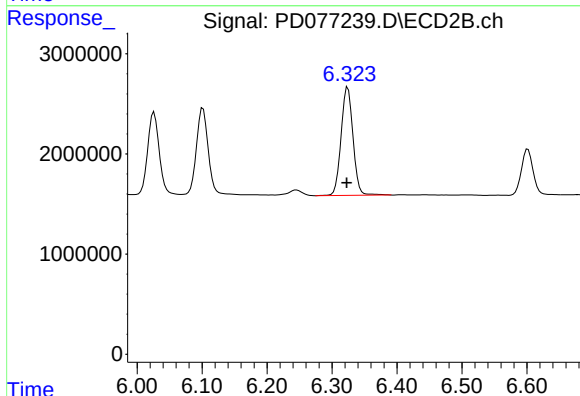
ClientSampleId :

PB154901BSD

Manual Integrations

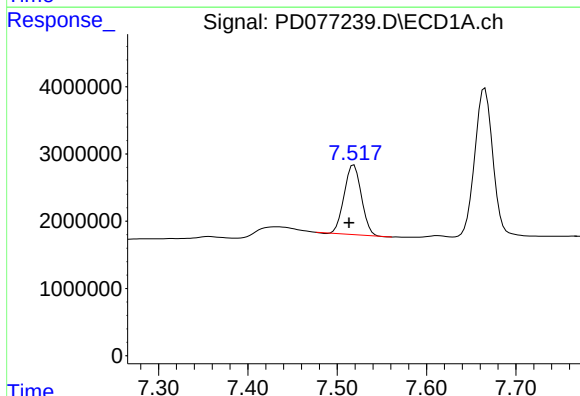
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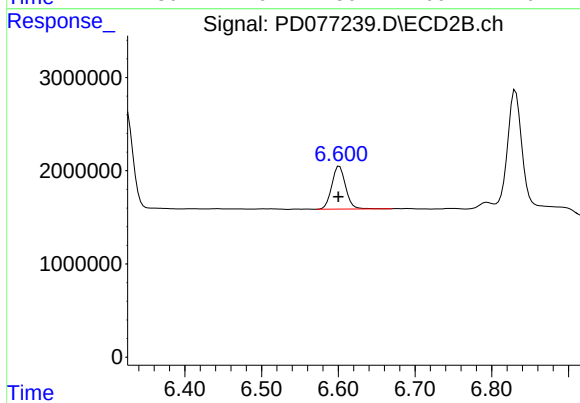
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.002 min
Response: 13827940
Conc: 10.37 ng/ml



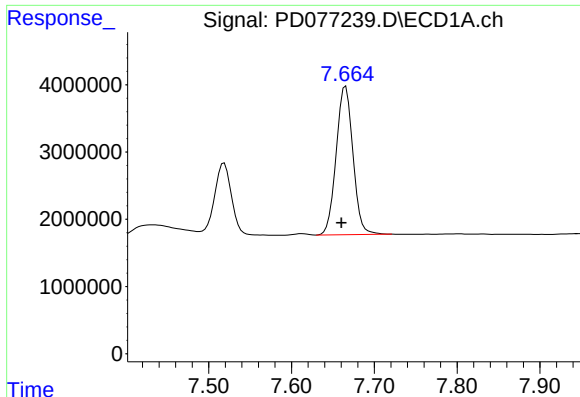
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: 0.005 min
Response: 13739243
Conc: 9.70 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.001 min
Response: 5763223
Conc: 9.64 ng/ml



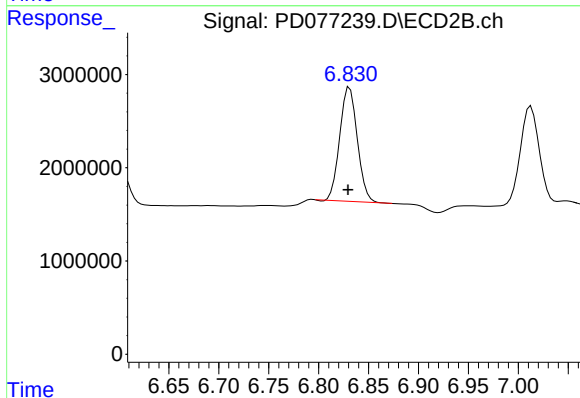
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.005 min
Response: 31042358
Conc: 10.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
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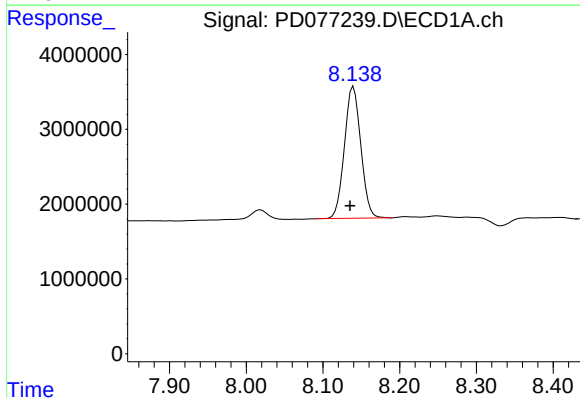
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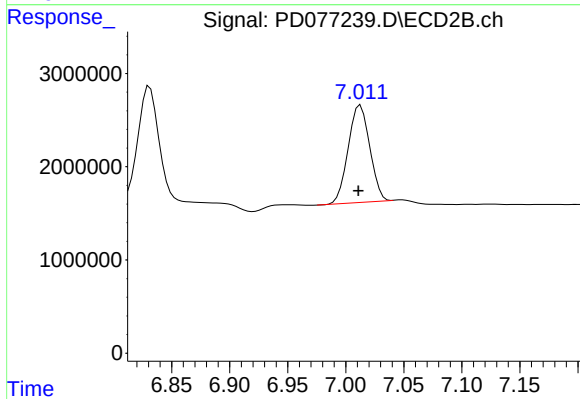
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: 0.001 min
Response: 14945433
Conc: 9.43 ng/ml



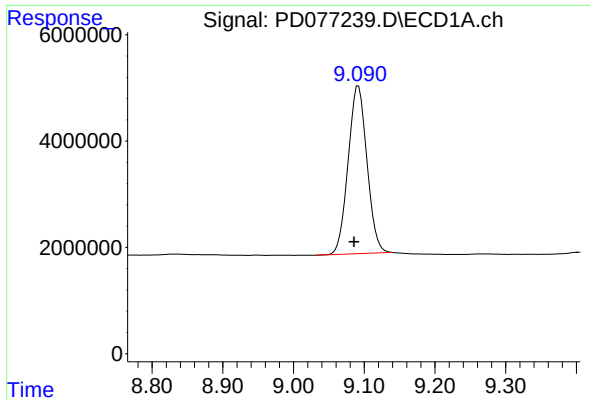
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.004 min
Response: 26323175
Conc: 11.54 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: 0.002 min
Response: 13469038
Conc: 10.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: 0.006 min
Response: 58492278
Conc: 21.35 ng/ml

Instrument :

ECD_D

ClientSampleId :

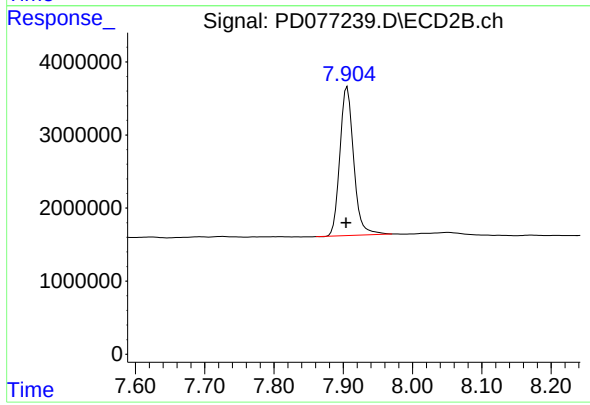
PB154901BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/18/2023

Supervised By :Ankita Jodhani 08/18/2023



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.002 min
Response: 28093319
Conc: 19.63 ng/ml