

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052124\
 Data File : PD082914.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2024 06:18
 Operator : AR\AJ
 Sample : P2513-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-13MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2024
 Supervised By : Ankita Jodhani 05/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 07:06:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 2024
 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...	3.567	2.779	28058368	74484522	18.123	18.794
28)	SA Decachlor...	9.118	7.904	27964107	55527781	14.004	14.365
Target Compounds							
2)	A alpha-BHC	4.023	3.277	126.1E6	290.7E6	46.042	46.608
3)	MA gamma-BHC...	4.355	3.605	116.9E6	269.1E6	44.232m	45.538
4)	MA Heptachlor	4.949	3.943	114.4E6	259.4E6	45.348	46.869
5)	MB Aldrin	5.292	4.222	115.2E6	254.6E6	44.711	44.686
6)	B beta-BHC	4.553	3.900	45567462	115.3E6	43.508	48.268
7)	B delta-BHC	4.802	4.129	110.9E6	263.3E6	44.633	45.494
8)	B Heptachlo...	5.718	4.723	98367169	226.6E6	42.172m	44.988
9)	A Endosulfan I	6.106	5.093	96112295	191.5E6	44.509	41.519
10)	B gamma-Chl...	5.976	4.972	108.7E6	248.4E6	47.973	49.696
11)	B alpha-Chl...	6.055	5.036	106.2E6	235.5E6	46.934	47.419
12)	B 4,4'-DDE	6.227	5.224	82175200	209.4E6	37.559	44.867
13)	MA Dieldrin	6.383	5.356	97334640	235.9E6	43.524	46.930
14)	MA Endrin	6.613	5.631	80918364	197.8E6	43.007	45.231
15)	B Endosulfa...	6.832	5.923	81341883	191.0E6	40.771	45.741m
16)	A 4,4'-DDD	6.746	5.778	72636231	168.0E6	45.410	44.657
17)	MA 4,4'-DDT	7.061	6.028	71378545	168.8E6	42.284	44.027
18)	B Endrin al...	6.963	6.103	60569815	138.8E6	43.260	44.444
19)	B Endosulfa...	7.196	6.326	73257659	176.7E6	41.519m	44.318
20)	A Methoxychlor	7.538	6.603	34489540	85011439	37.625	41.837
21)	B Endrin ke...	7.685	6.831	80341205	190.4E6	41.800	41.889
22)	Mirex	8.161	7.013	60255659	146.9E6	39.312	41.121

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052124\
Data File : PD082914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2024 06:18
Operator : AR\AJ
Sample : P2513-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-13MSD

Manual Integrations

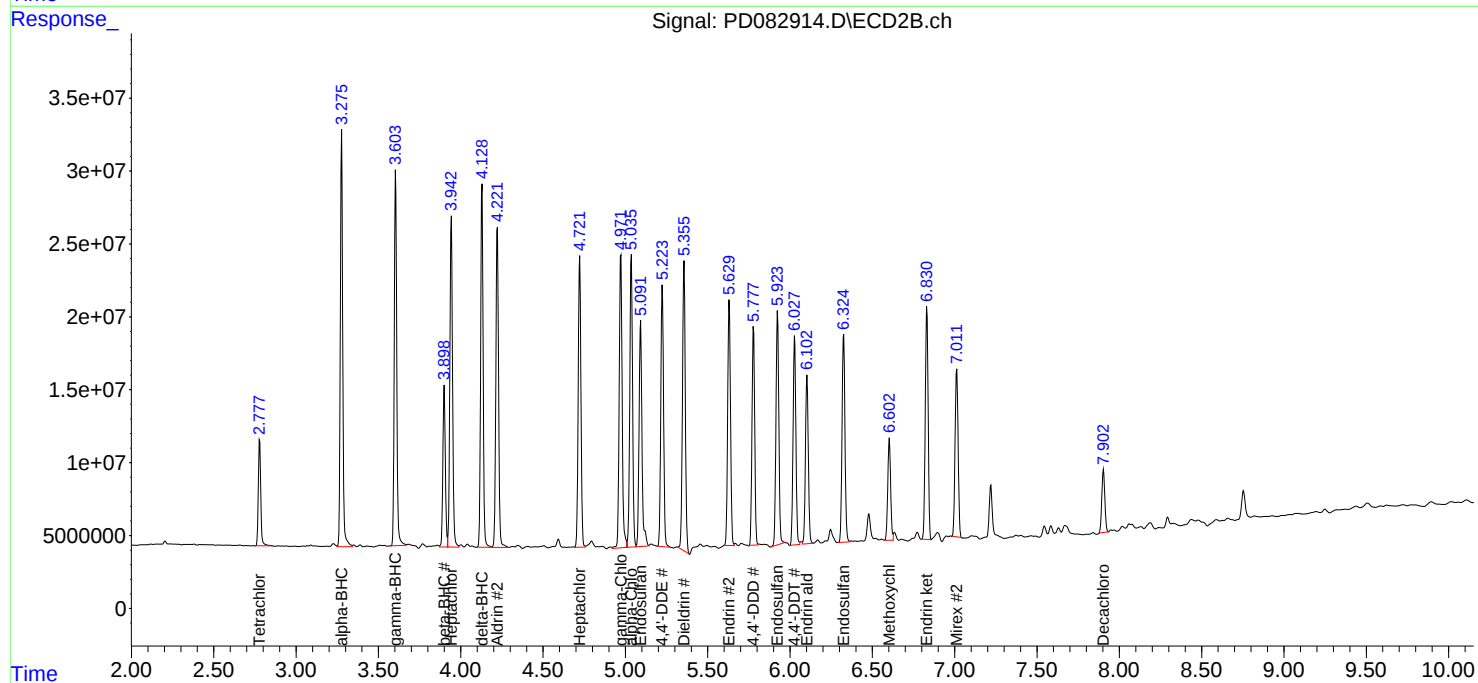
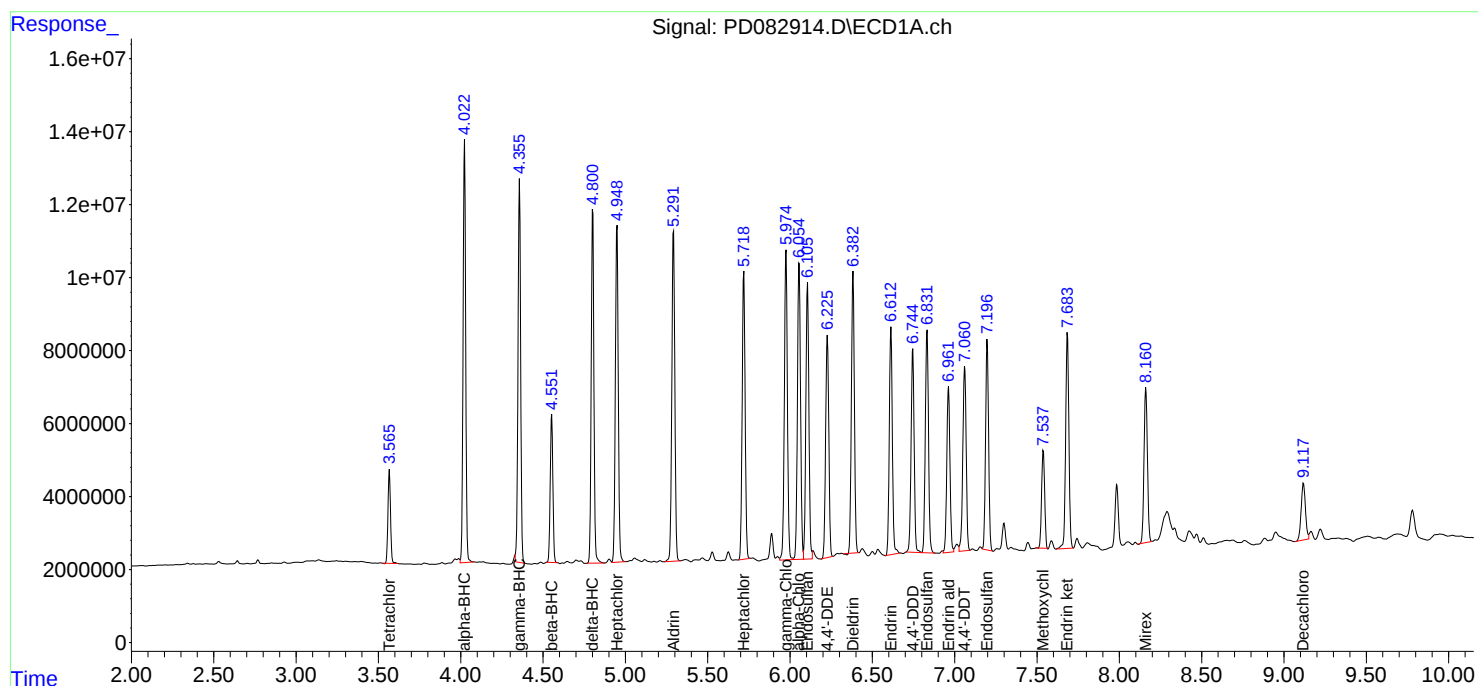
APPROVED

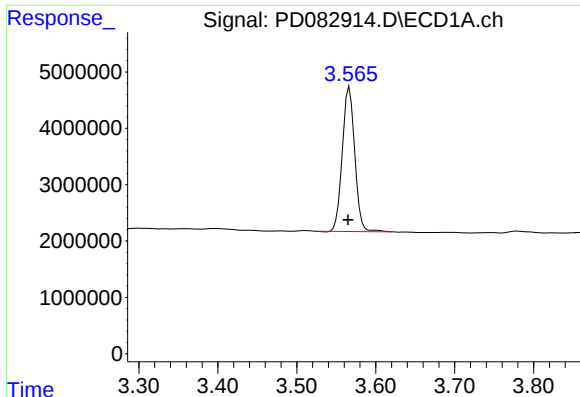
Reviewed By :Abdul Mirza 05/20/2024

Supervised By :Ankita Jodhani 05/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 07:06:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
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.: 3.567 min
Delta R.T.: 0.002 min
Response: 28058368
Conc: 18.12 ng/ml

Instrument :

ECD_D

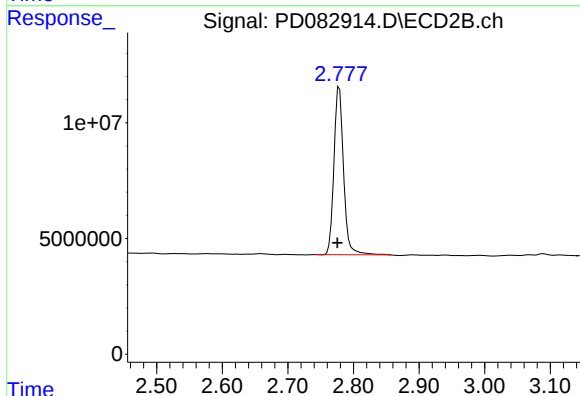
ClientSampleId :

TP-13MSD

Manual Integrations

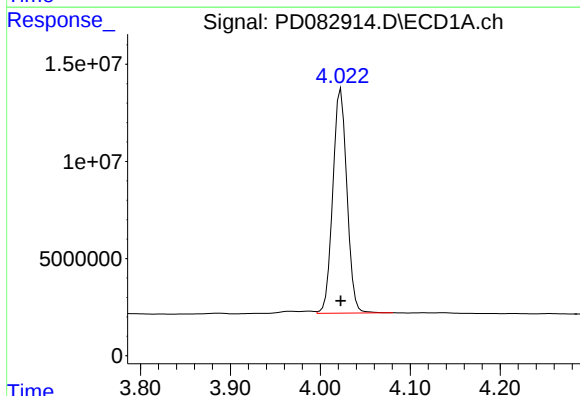
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Reviewed By :Abdul Mirza 05/20/2024
Supervised By :Ankita Jodhani 05/20/2024



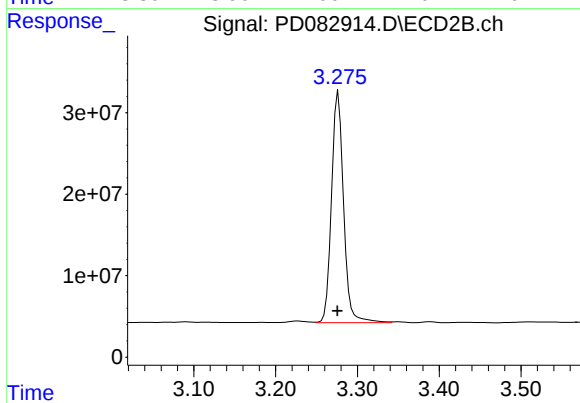
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.003 min
Response: 74484522
Conc: 18.79 ng/ml



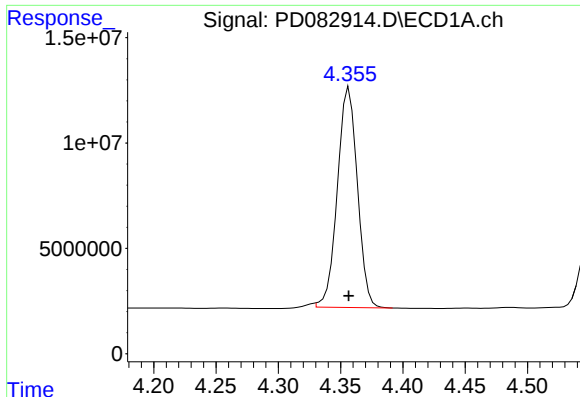
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 126116090
Conc: 46.04 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.001 min
Response: 290738227
Conc: 46.61 ng/ml



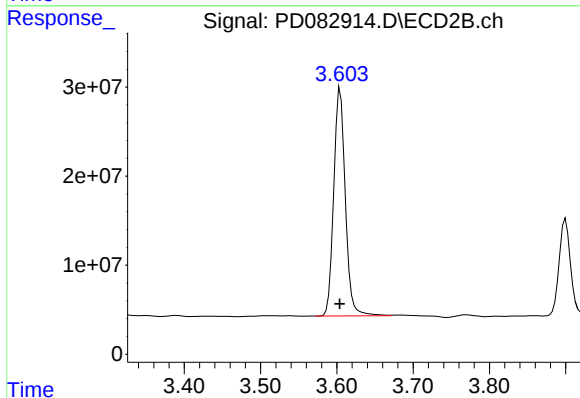
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 116912558
Conc: 44.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MSD

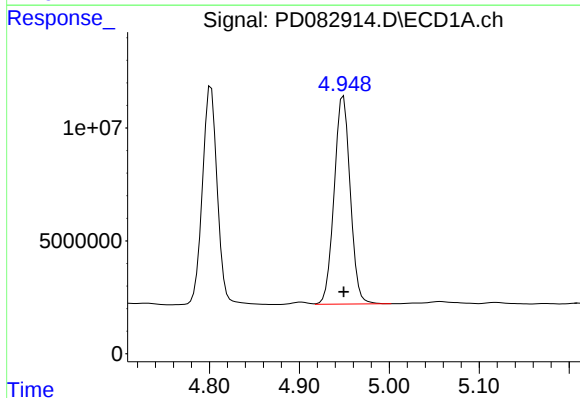
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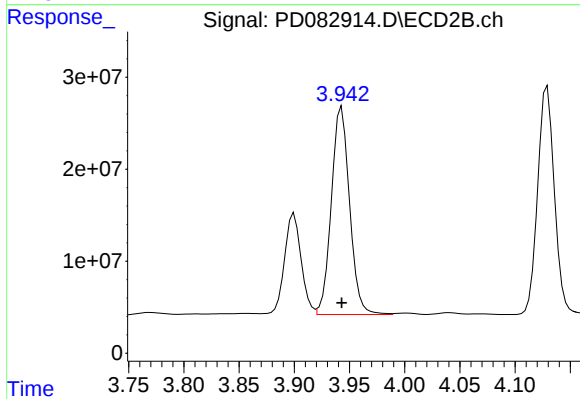
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 269134396
Conc: 45.54 ng/ml



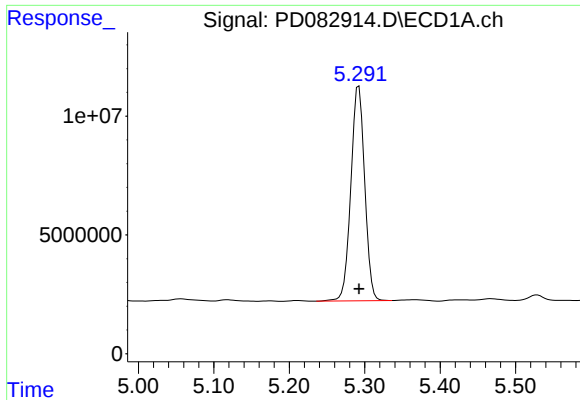
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 114372023
Conc: 45.35 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 259432669
Conc: 46.87 ng/ml



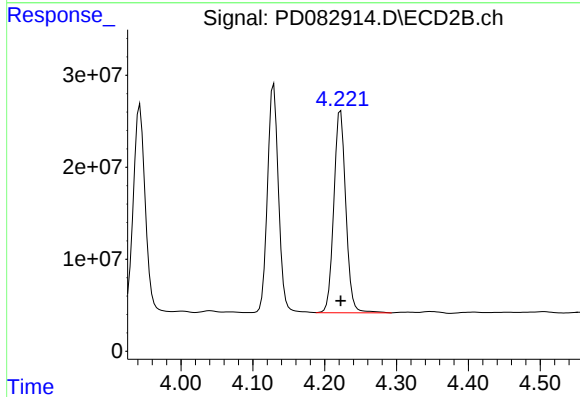
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 115214429
Conc: 44.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MSD

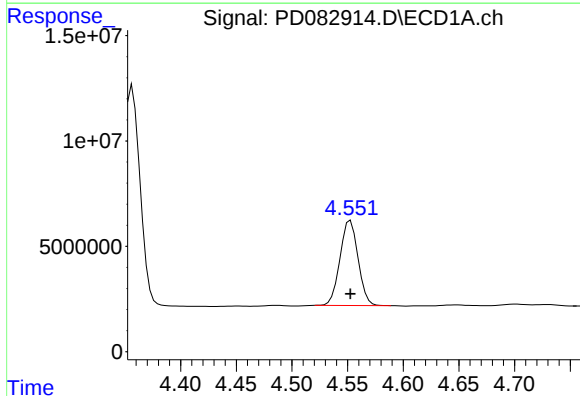
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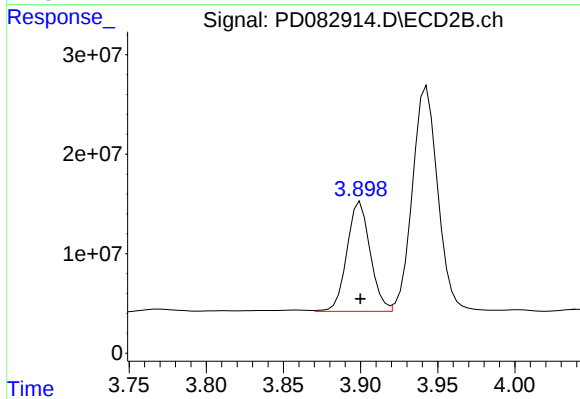
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 254641779
Conc: 44.69 ng/ml



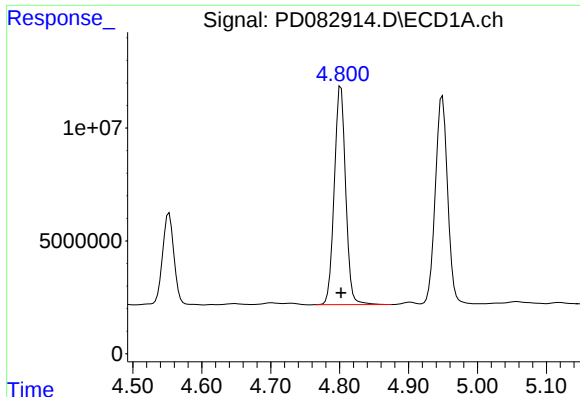
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 45567462
Conc: 43.51 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 115269174
Conc: 48.27 ng/ml



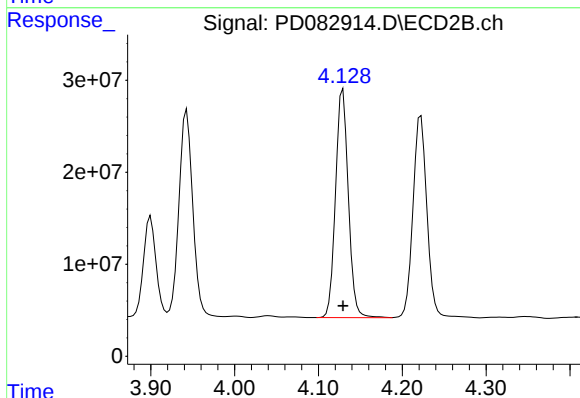
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 110900959
Conc: 44.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MSD

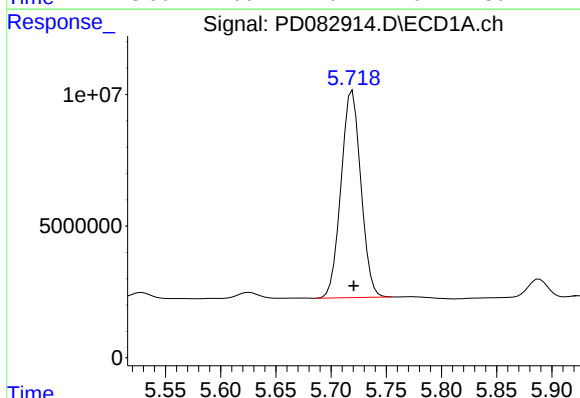
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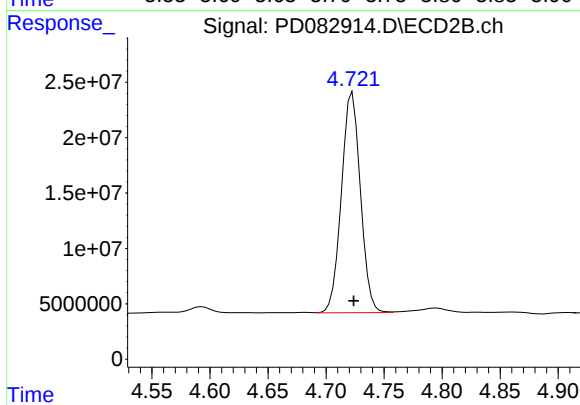
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 263335930
Conc: 45.49 ng/ml



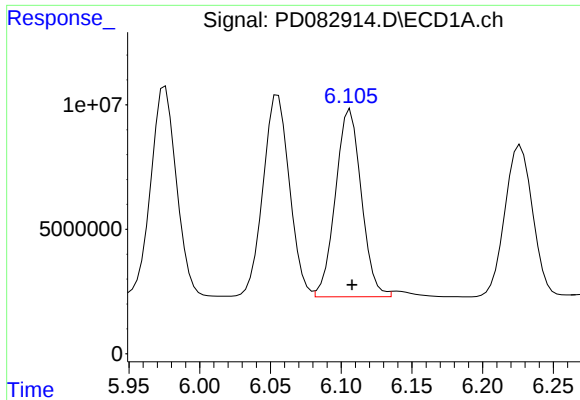
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 98367169
Conc: 42.17 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 226630941
Conc: 44.99 ng/ml



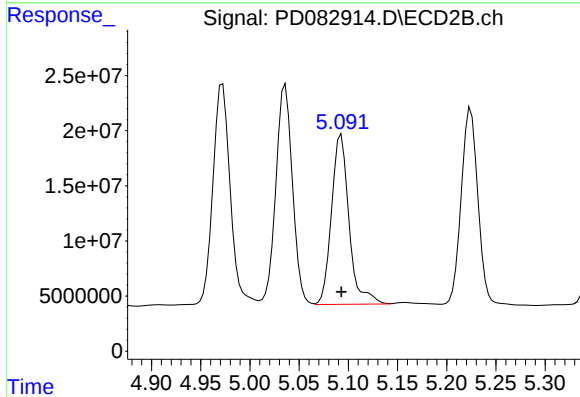
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 96112295
Conc: 44.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MSD

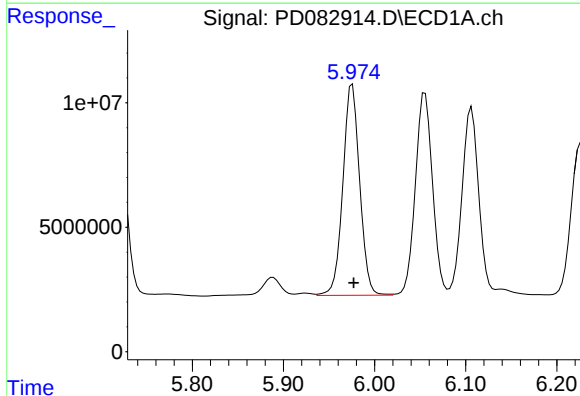
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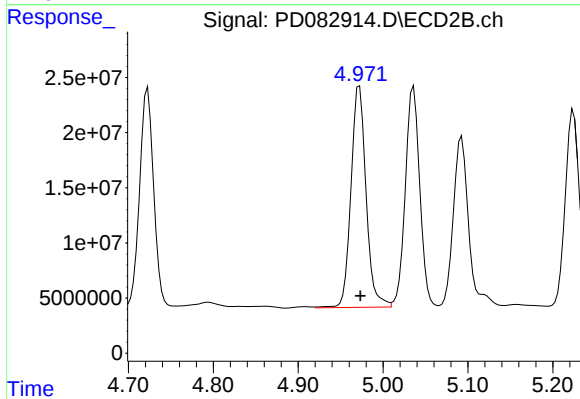
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 191507079
Conc: 41.52 ng/ml



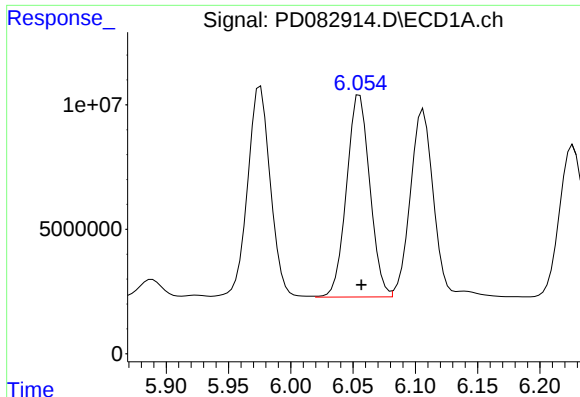
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 108654808
Conc: 47.97 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 248420727
Conc: 49.70 ng/ml



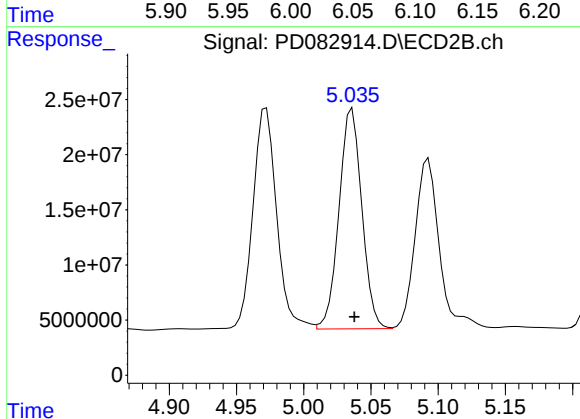
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 106179969
Conc: 46.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MSD

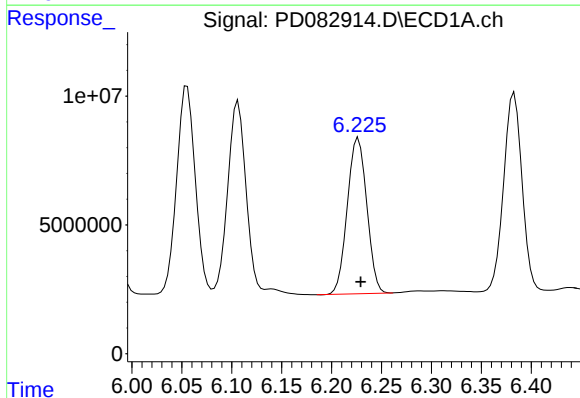
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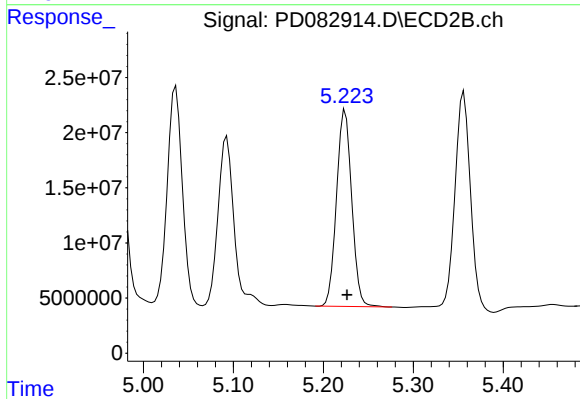
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 235482181
Conc: 47.42 ng/ml



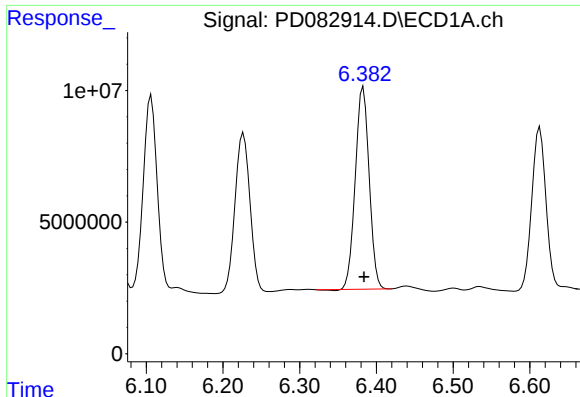
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 82175200
Conc: 37.56 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 209434248
Conc: 44.87 ng/ml



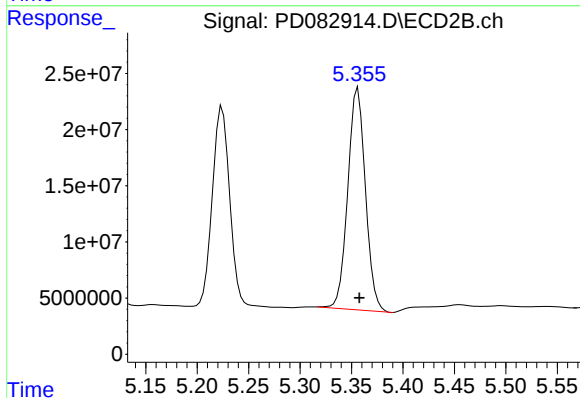
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 97334640
Conc: 43.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MSD

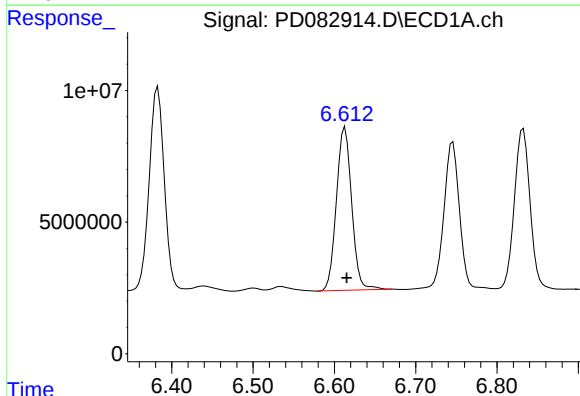
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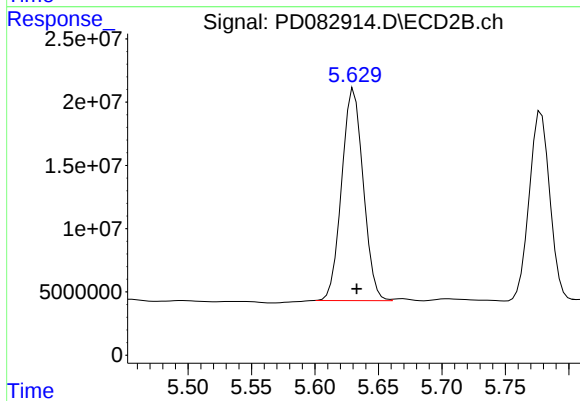
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.001 min
Response: 235868032
Conc: 46.93 ng/ml



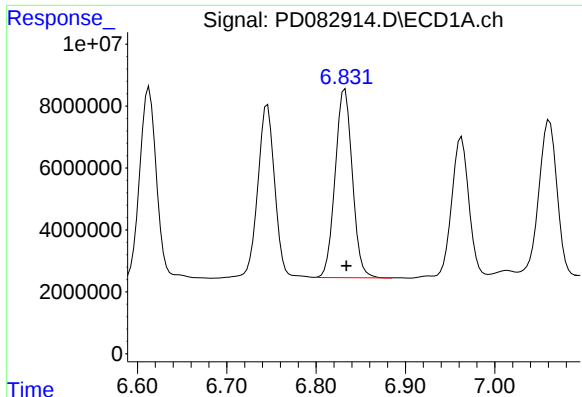
#14 Endrin

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 80918364
Conc: 43.01 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 197786900
Conc: 45.23 ng/ml



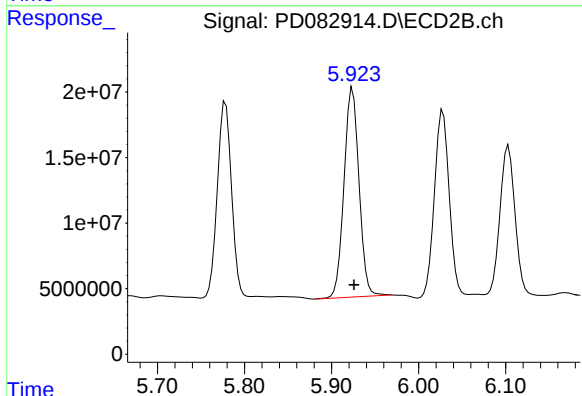
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 81341883
Conc: 40.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MSD

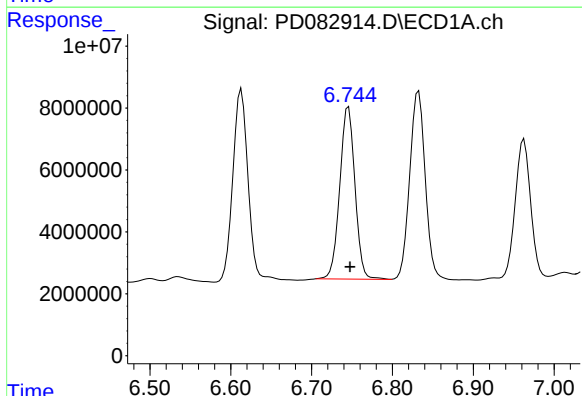
Manual Integrations
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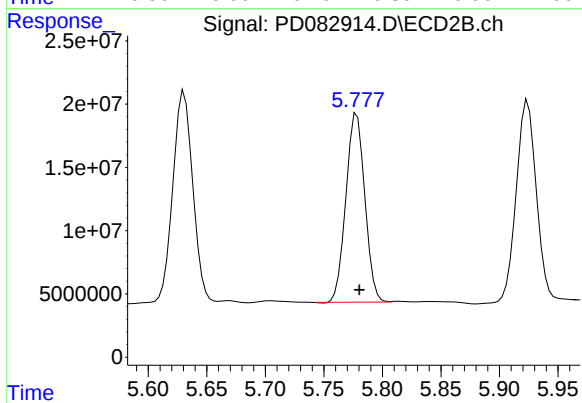
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 191013984
Conc: 45.74 ng/ml m



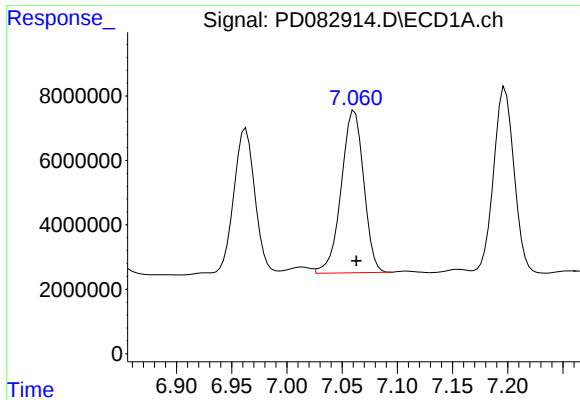
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 72636231
Conc: 45.41 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 168002909
Conc: 44.66 ng/ml



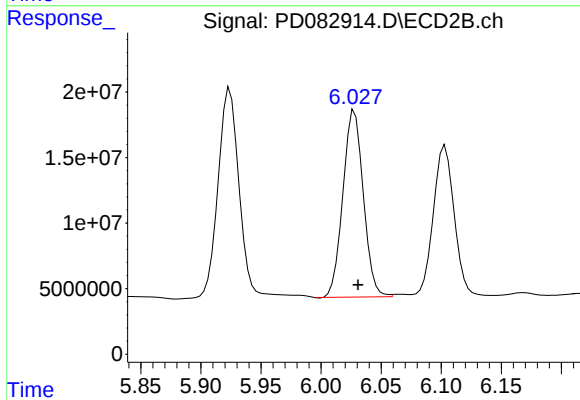
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 71378545
Conc: 42.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MSD

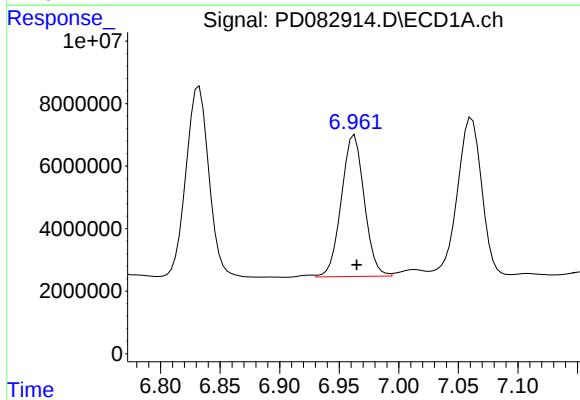
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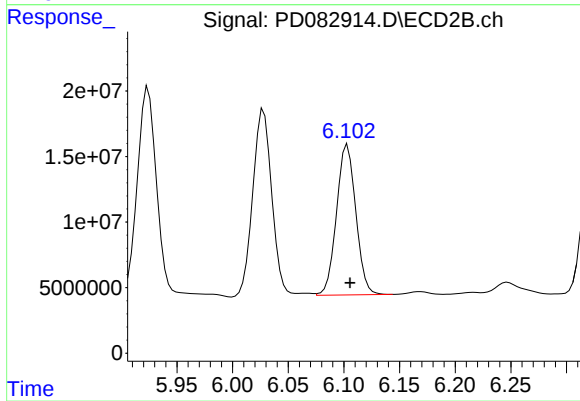
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 168830674
Conc: 44.03 ng/ml



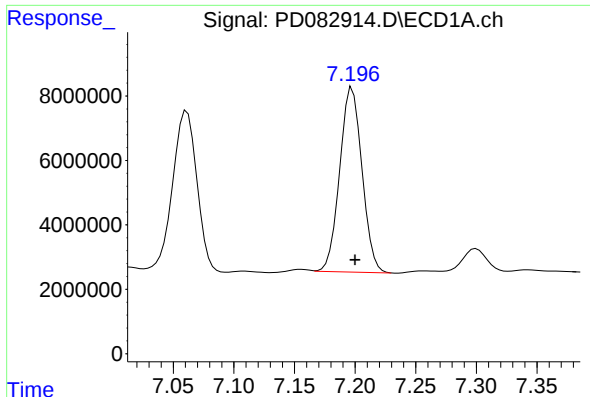
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 60569815
Conc: 43.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 138753281
Conc: 44.44 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: -0.004 min
Response: 73257659
Conc: 41.52 ng/ml

Instrument :

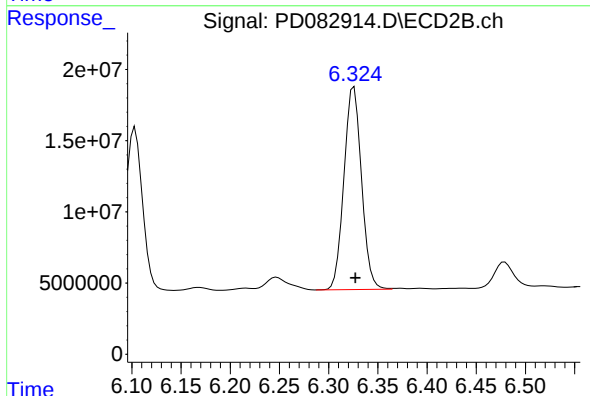
ECD_D

ClientSampleId :

TP-13MSD

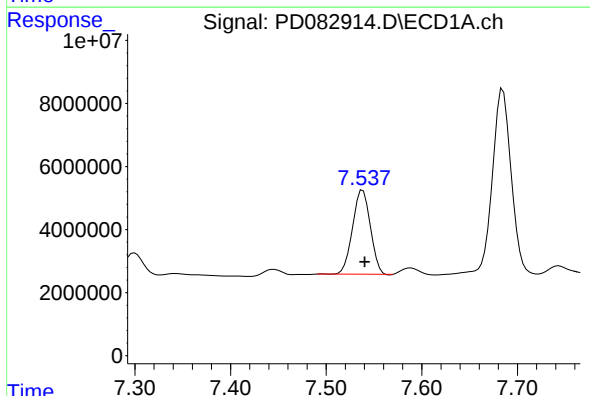
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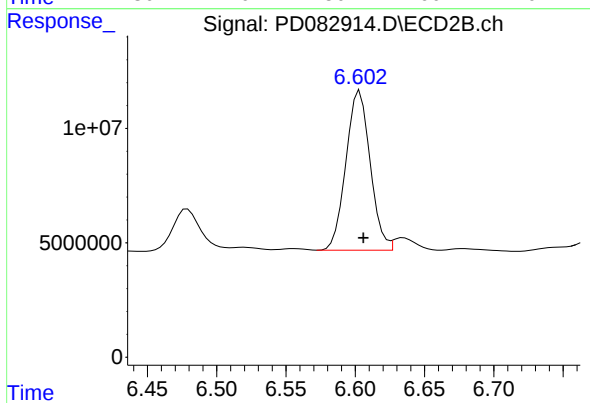
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 176707022
Conc: 44.32 ng/ml



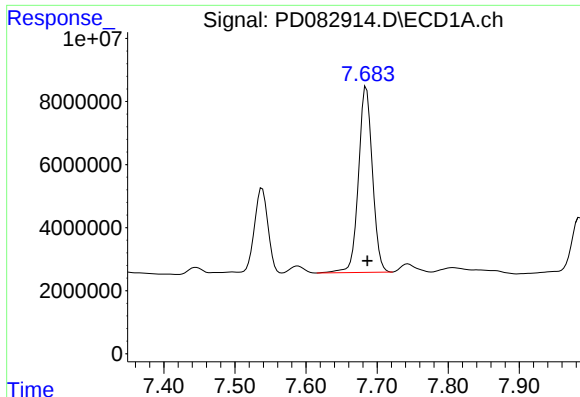
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 34489540
Conc: 37.63 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.003 min
Response: 85011439
Conc: 41.84 ng/ml



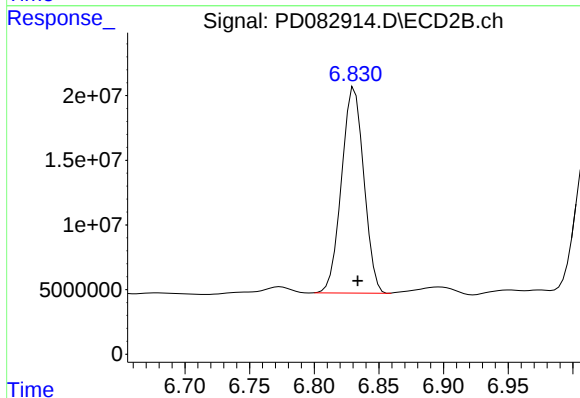
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: -0.002 min
Response: 80341205
Conc: 41.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MSD

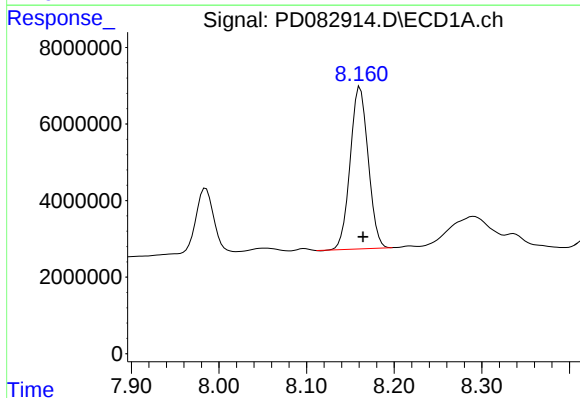
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2024
Supervised By :Ankita Jodhani 05/20/2024



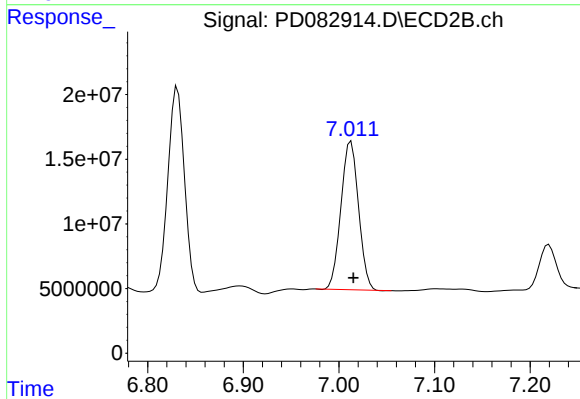
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.002 min
Response: 190425863
Conc: 41.89 ng/ml



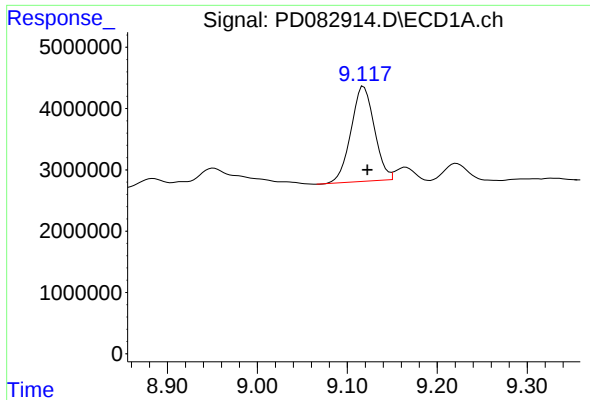
#22 Mirex

R.T.: 8.161 min
Delta R.T.: -0.003 min
Response: 60255659
Conc: 39.31 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 146913939
Conc: 41.12 ng/ml



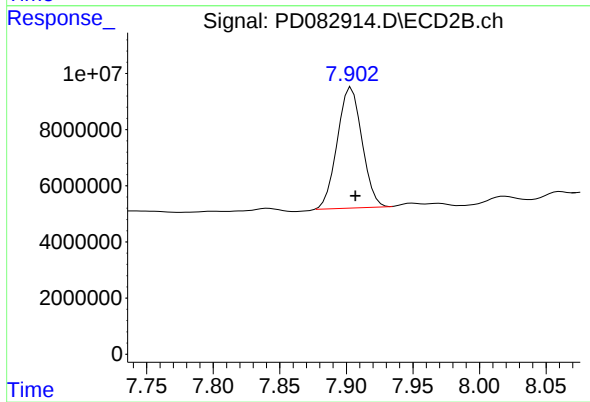
#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: -0.004 min
Response: 27964107
Conc: 14.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2024
Supervised By :Ankita Jodhani 05/20/2024



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 55527781
Conc: 14.37 ng/ml