

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032824\
 Data File : PD082229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2024 15:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/29/2024
 Supervised By :Ankita Jodhani 03/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:32:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032224.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 16:01:04 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...	3.572	2.775	61939379	135.8E6	43.237	55.241 #
28)	SA Decachlor...	9.124	7.910	77240676	109.5E6	40.694	50.307
Target Compounds							
2)	A alpha-BHC	4.029	3.276	108.8E6	204.5E6	43.777	54.514
3)	MA gamma-BHC...	4.363	3.605	105.9E6	190.9E6	43.390	54.174
4)	MA Heptachlor	4.956	3.944	103.1E6	168.6E6	43.265	54.224 #
5)	MB Aldrin	5.299	4.224	105.4E6	181.0E6	43.068	53.414
6)	B beta-BHC	4.558	3.900	42513446	78856225	41.921	53.335 #
7)	B delta-BHC	4.808	4.130	104.1E6	187.5E6	45.008	54.793
8)	B Heptachlo...	5.726	4.724	95932084	155.2E6	42.698	53.096m
9)	A Endosulfan I	6.113	5.094	88269622	141.9E6	42.106	52.595
10)	B gamma-Chl...	5.982	4.975	93838894	155.4E6	42.460	53.162 #
11)	B alpha-Chl...	6.063	5.039	92827072	154.1E6	42.256	52.377
12)	B 4,4'-DDE	6.234	5.228	88726711	144.6E6	42.073	54.823 #
13)	MA Dieldrin	6.390	5.359	91978196	150.1E6	42.424	52.651
14)	MA Endrin	6.620	5.634	72829317	127.5E6	40.816	52.541 #
15)	B Endosulfa...	6.839	5.927	76700319	128.6E6	41.691	53.166 #
16)	A 4,4'-DDD	6.752	5.782	65627947	113.2E6	42.770	54.123 #
17)	MA 4,4'-DDT	7.068	6.033	67333848	114.8E6	42.255	54.573 #
18)	B Endrin al...	6.969	6.107	58394162	98026598	42.184	53.420 #
19)	B Endosulfa...	7.205	6.330	70408248	122.1E6	41.523	52.783 #
20)	A Methoxychlor	7.542	6.608	35690287	57844819	40.203m	50.632 #
21)	B Endrin ke...	7.691	6.835	77522167	141.1E6	42.883	53.153
22)	Mirex	8.167	7.018	59232044	109.0E6	41.480	51.988 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032824\
Data File : PD082229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2024 15:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

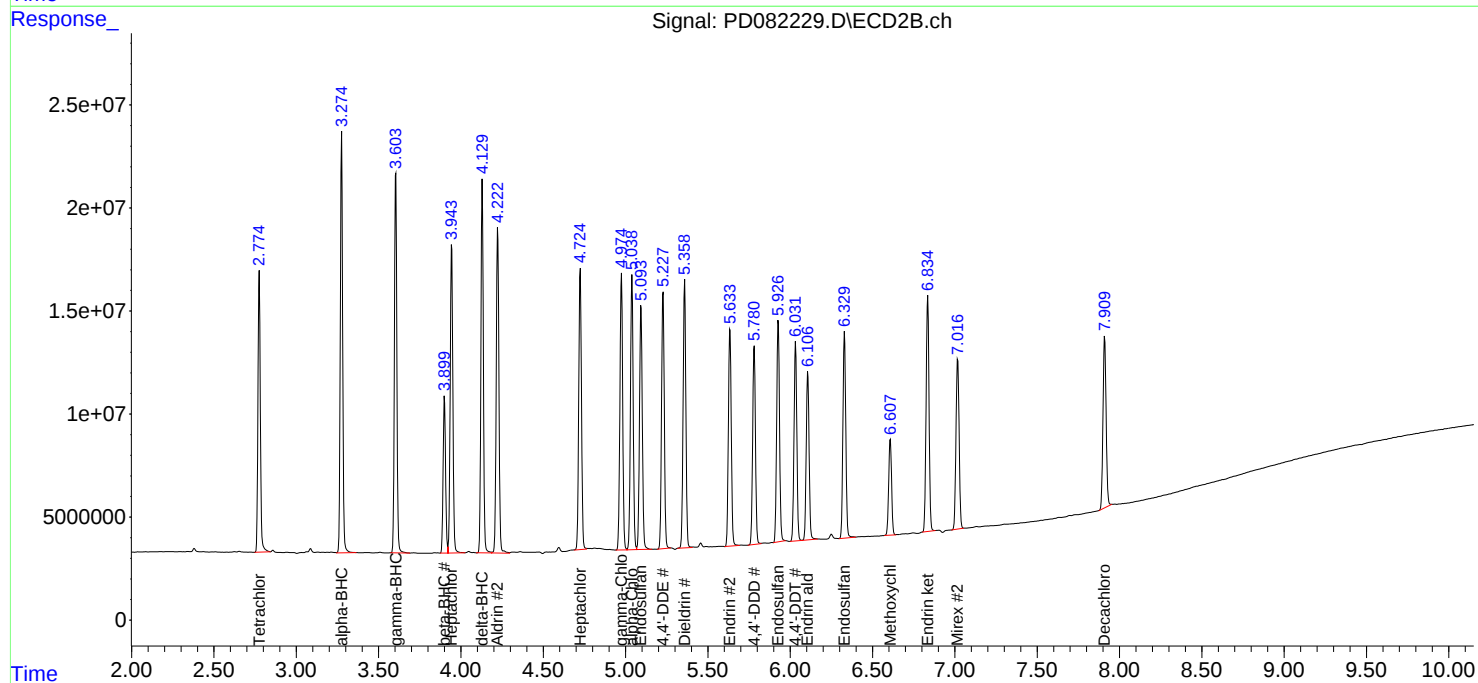
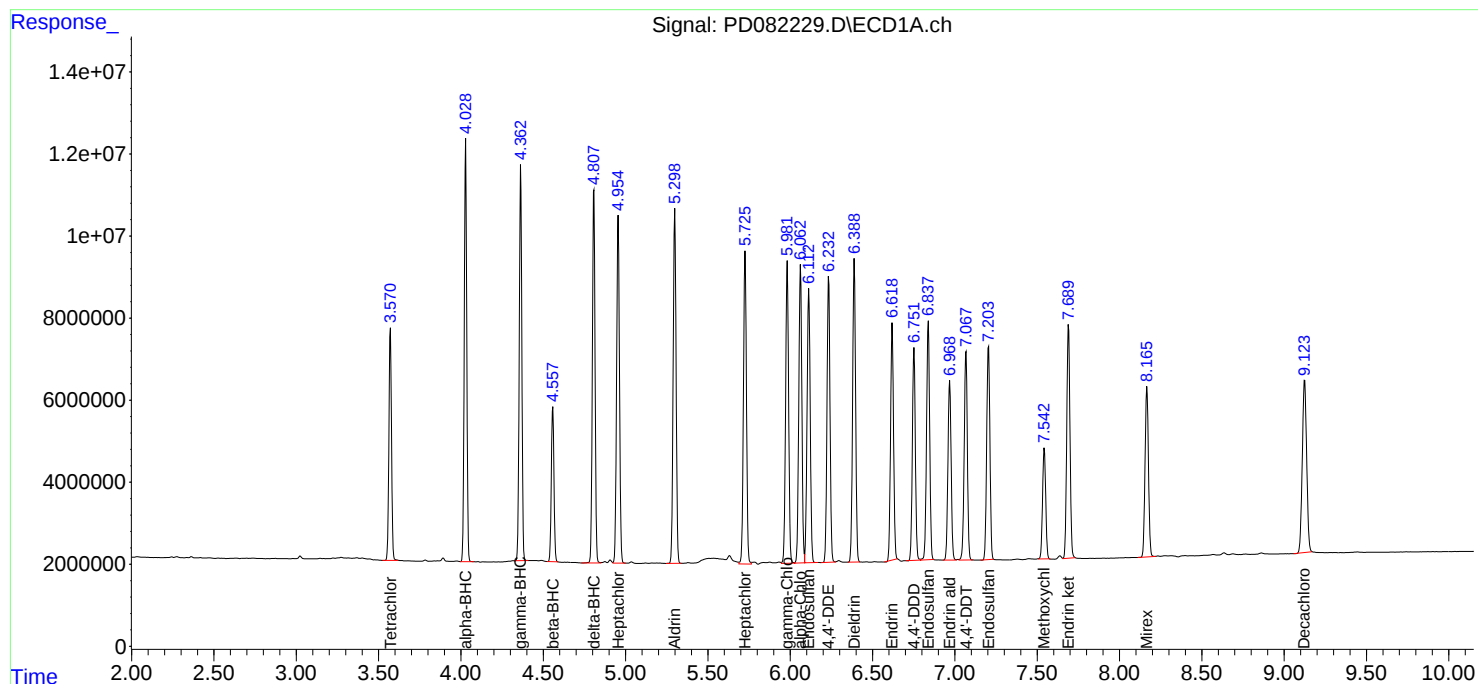
APPROVED

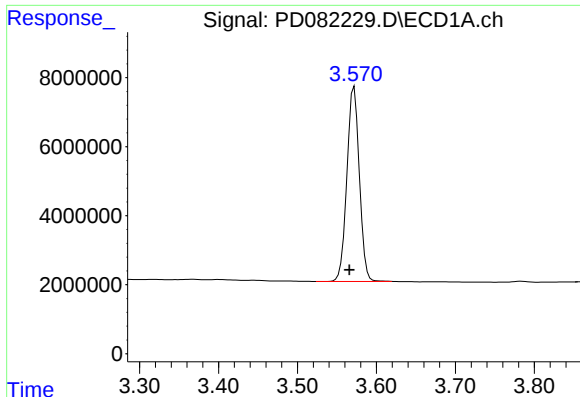
Reviewed By :Abdul Mirza 03/29/2024

Supervised By :Ankita Jodhani 03/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 01:32:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032224.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 16:01:04 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.: 3.572 min
Delta R.T.: 0.006 min
Response: 61939379
Conc: 43.24 ng/ml

Instrument :

ECD_D

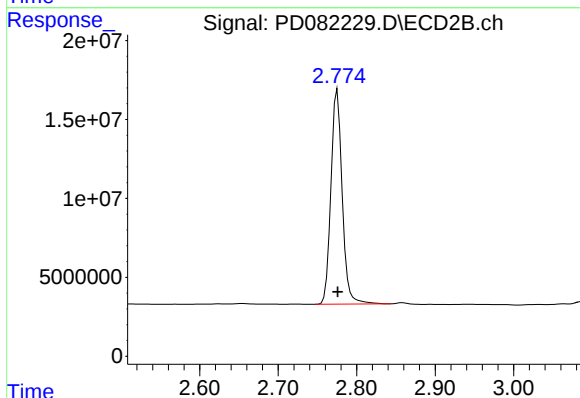
ClientSampleId :

PSTDCCC050

Manual Integrations

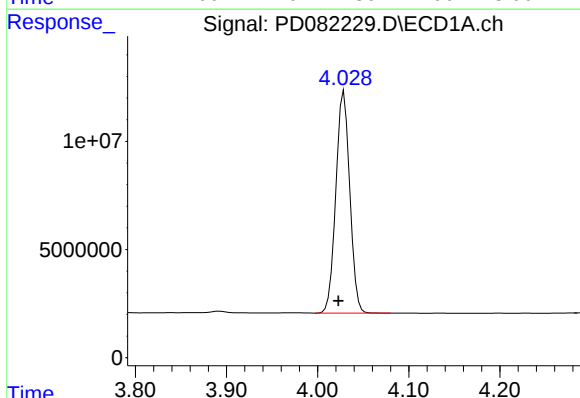
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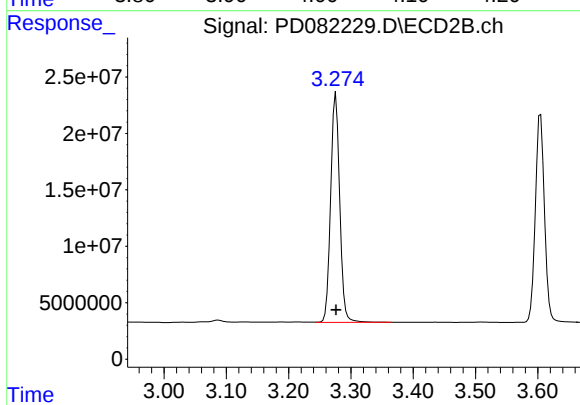
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 135759164
Conc: 55.24 ng/ml



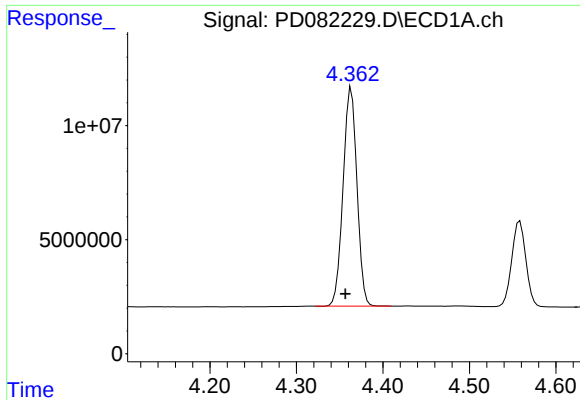
#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.006 min
Response: 108771496
Conc: 43.78 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 204523321
Conc: 54.51 ng/ml



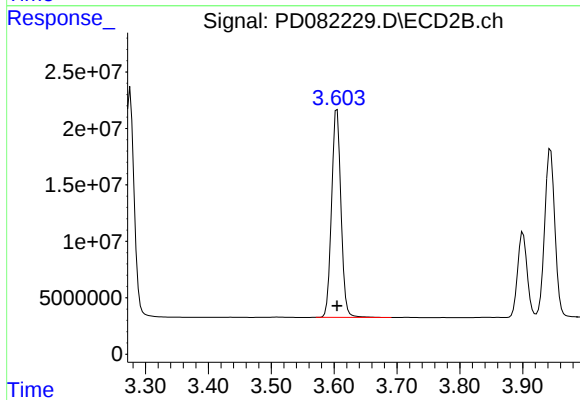
#3 gamma-BHC (Lindane)

R.T.: 4.363 min
Delta R.T.: 0.007 min
Response: 105885079
Conc: 43.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

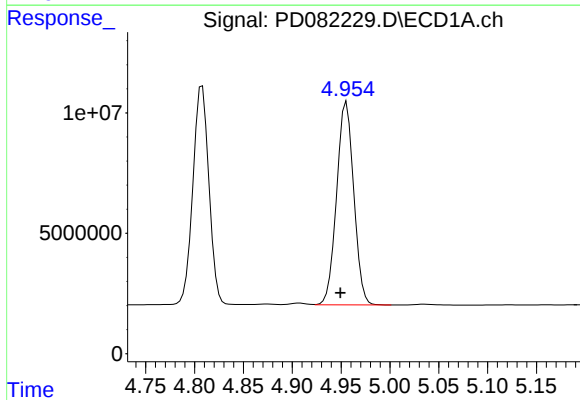
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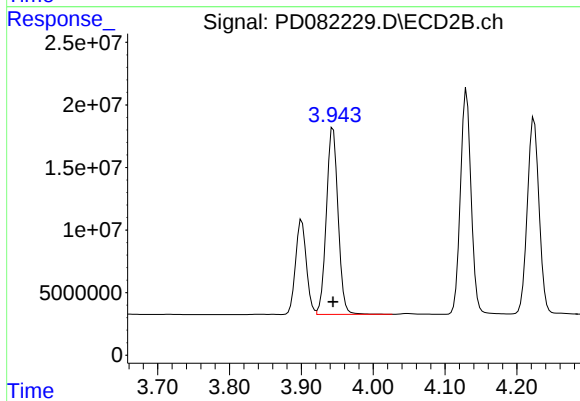
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 190931982
Conc: 54.17 ng/ml



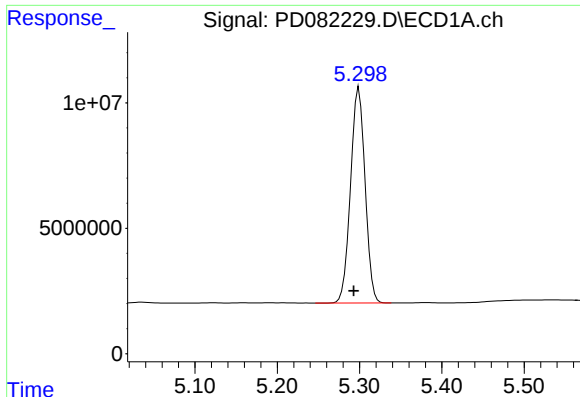
#4 Heptachlor

R.T.: 4.956 min
Delta R.T.: 0.006 min
Response: 103055965
Conc: 43.26 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 168571545
Conc: 54.22 ng/ml



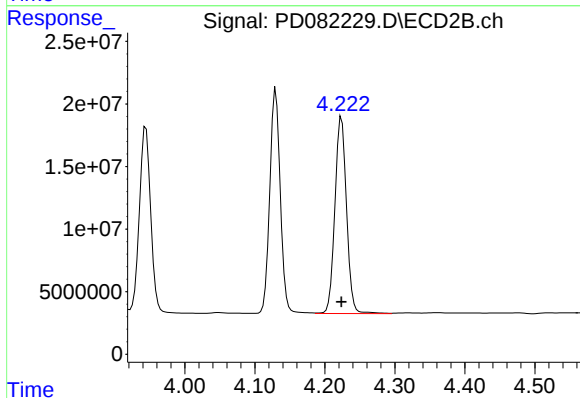
#5 Aldrin

R.T.: 5.299 min
Delta R.T.: 0.006 min
Response: 105431859
Conc: 43.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

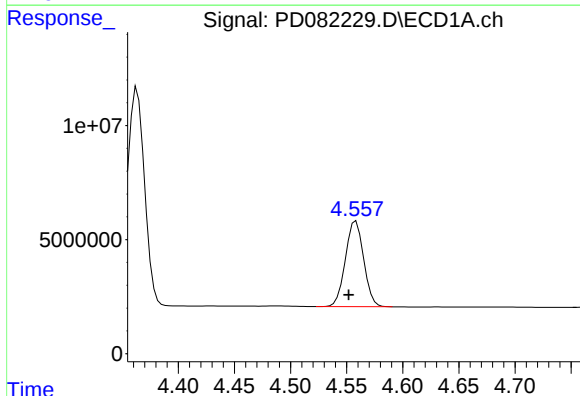
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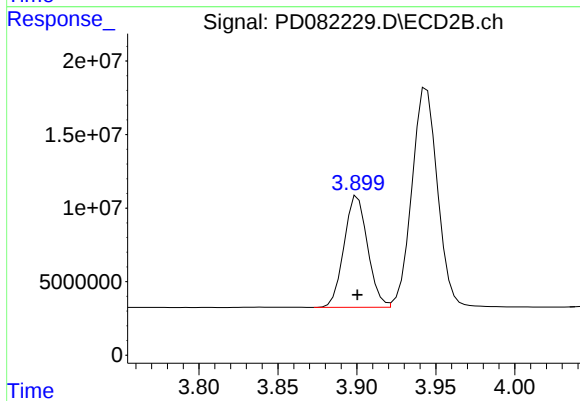
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 180963449
Conc: 53.41 ng/ml



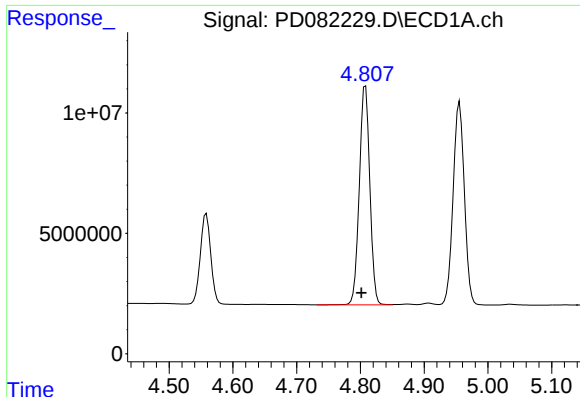
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: 0.007 min
Response: 42513446
Conc: 41.92 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 78856225
Conc: 53.33 ng/ml



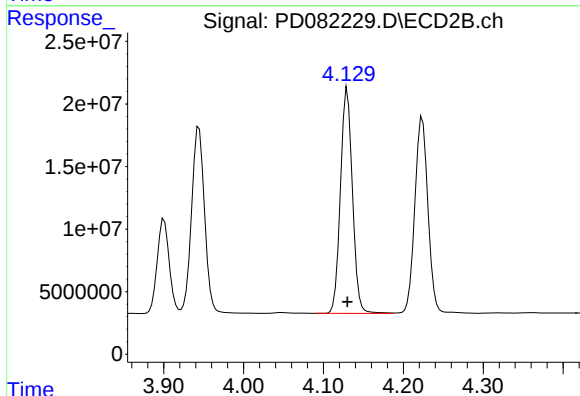
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: 0.007 min
Response: 104091536
Conc: 45.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

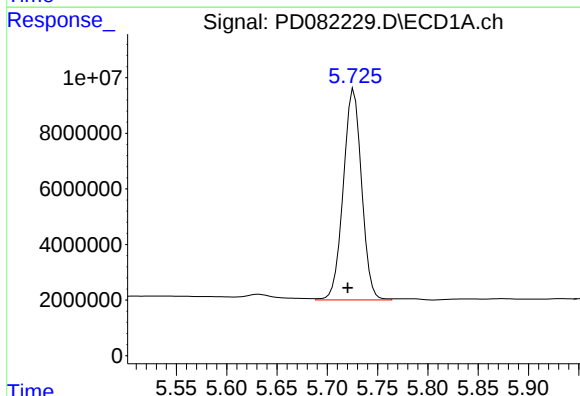
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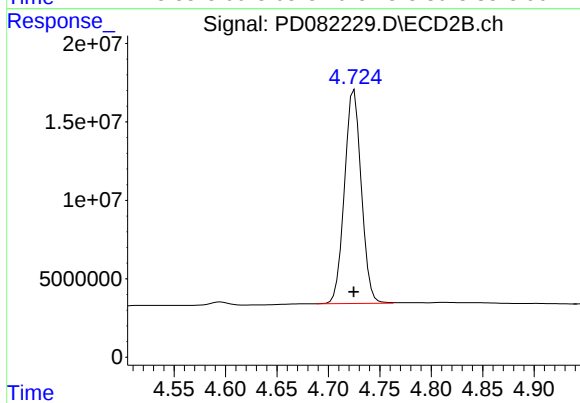
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 187548448
Conc: 54.79 ng/ml



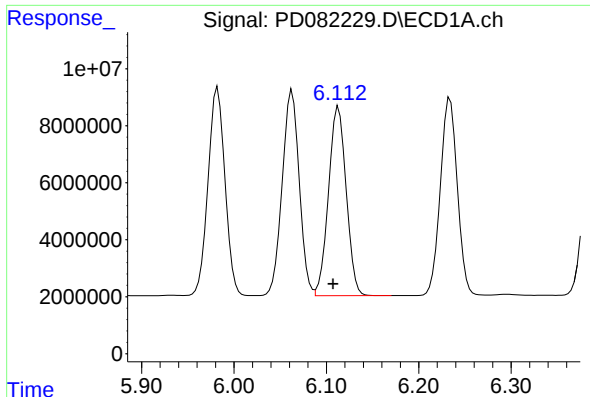
#8 Heptachlor epoxide

R.T.: 5.726 min
Delta R.T.: 0.006 min
Response: 95932084
Conc: 42.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 155234249
Conc: 53.10 ng/ml m



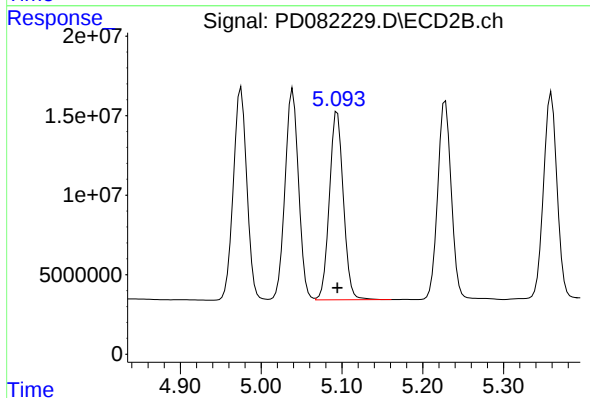
#9 Endosulfan I

R.T.: 6.113 min
Delta R.T.: 0.006 min
Response: 88269622
Conc: 42.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

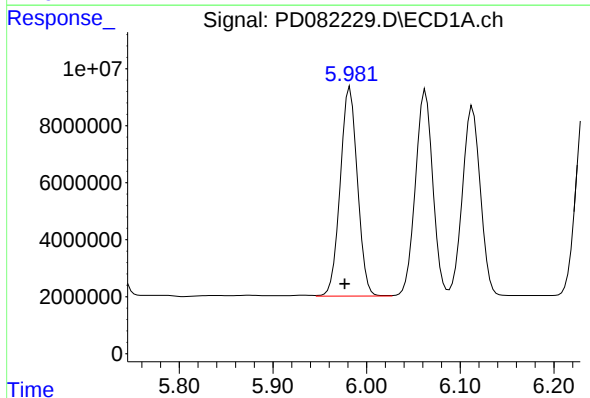
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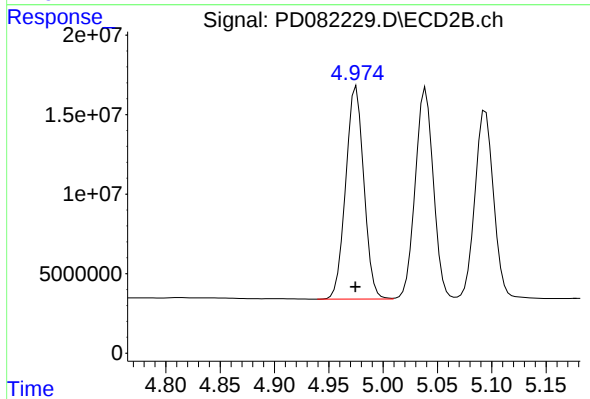
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 141925162
Conc: 52.60 ng/ml



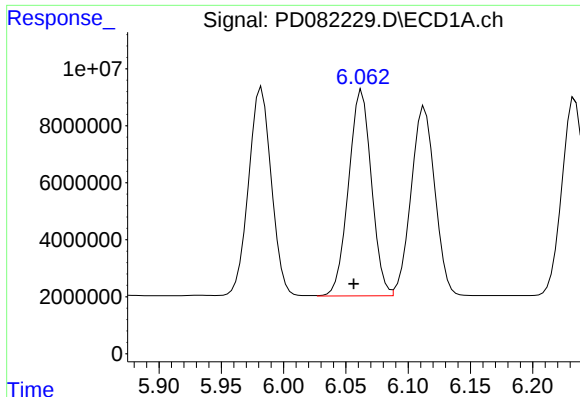
#10 gamma-Chlordane

R.T.: 5.982 min
Delta R.T.: 0.006 min
Response: 93838894
Conc: 42.46 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 155356383
Conc: 53.16 ng/ml



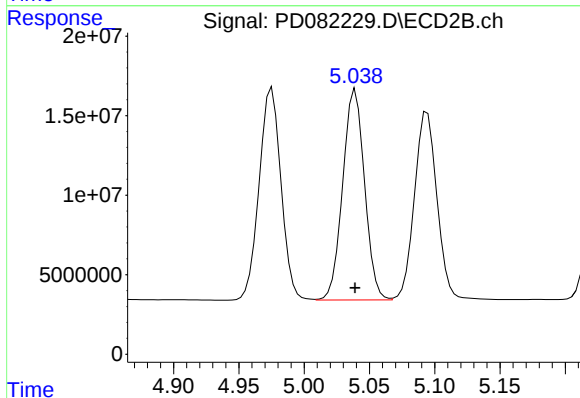
#11 alpha-Chlordane

R.T.: 6.063 min
Delta R.T.: 0.007 min
Response: 92827072
Conc: 42.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

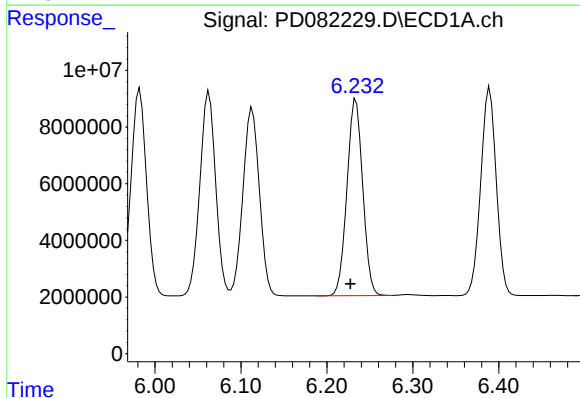
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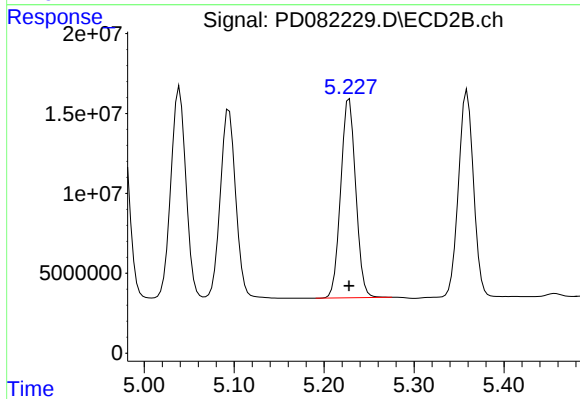
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 154093175
Conc: 52.38 ng/ml



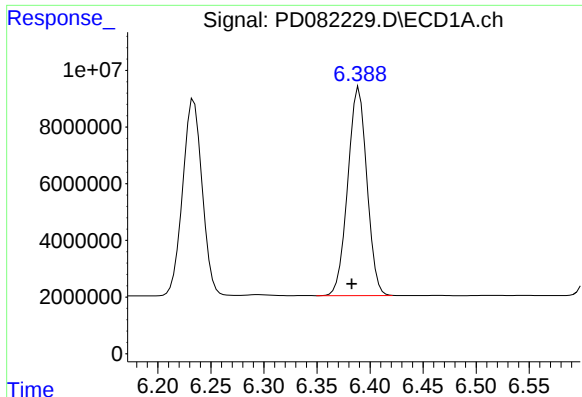
#12 4,4'-DDE

R.T.: 6.234 min
Delta R.T.: 0.006 min
Response: 88726711
Conc: 42.07 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 144617595
Conc: 54.82 ng/ml



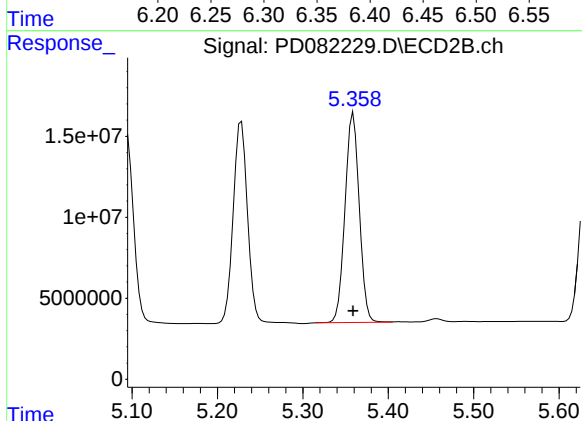
#13 Dieldrin

R.T.: 6.390 min
Delta R.T.: 0.007 min
Response: 91978196
Conc: 42.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

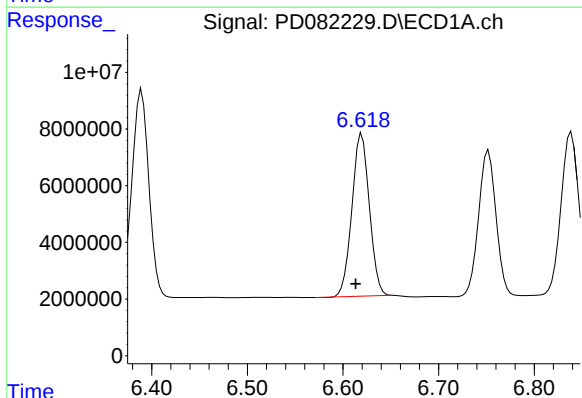
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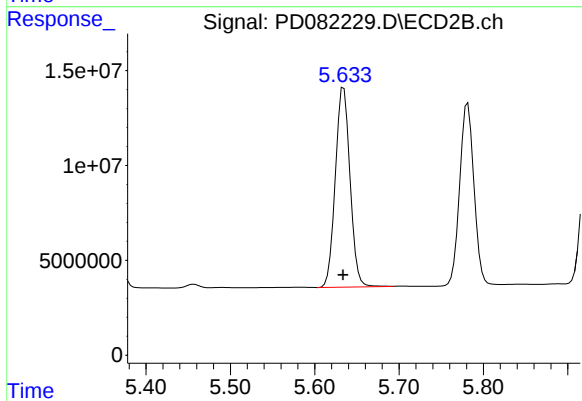
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 150122340
Conc: 52.65 ng/ml



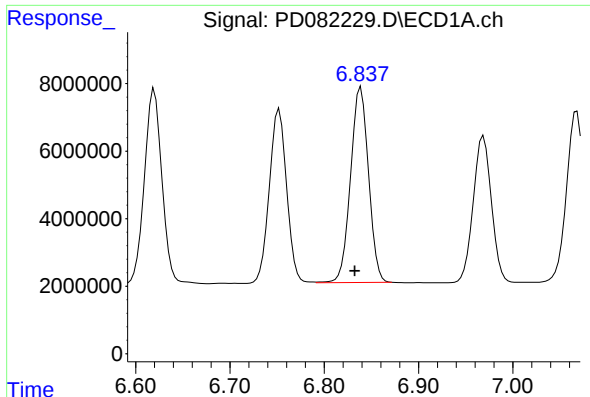
#14 Endrin

R.T.: 6.620 min
Delta R.T.: 0.006 min
Response: 72829317
Conc: 40.82 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 127492114
Conc: 52.54 ng/ml



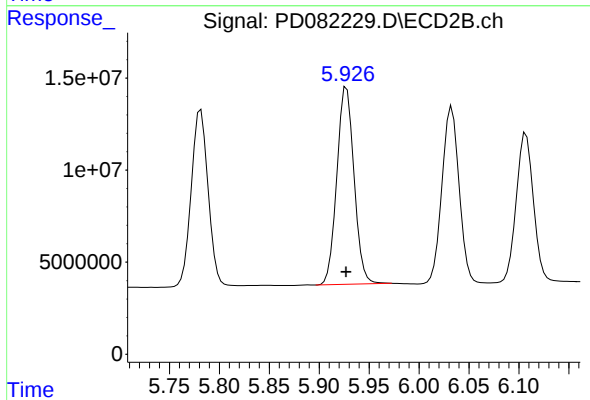
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.006 min
Response: 76700319
Conc: 41.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

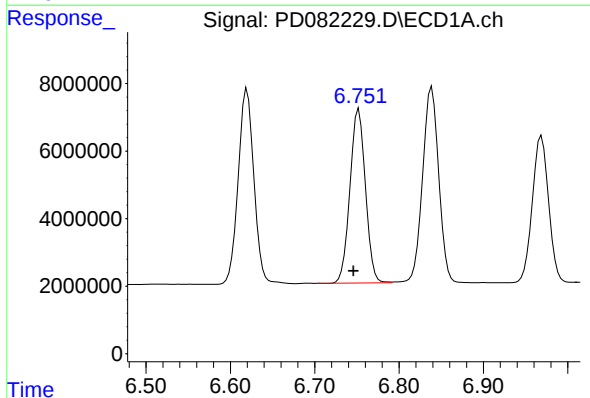
Manual Integrations
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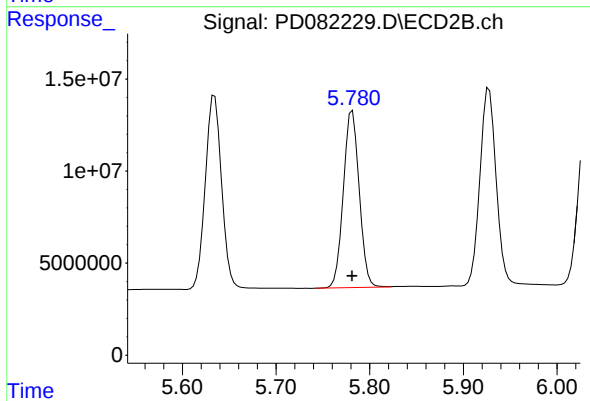
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 128587015
Conc: 53.17 ng/ml



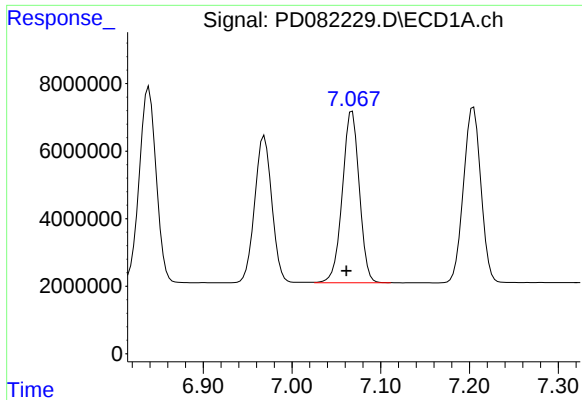
#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.006 min
Response: 65627947
Conc: 42.77 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 113178391
Conc: 54.12 ng/ml



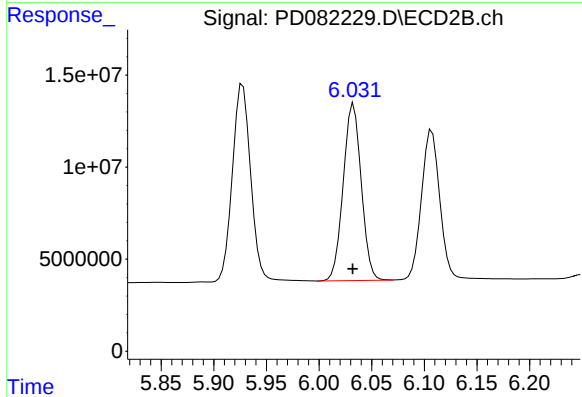
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.006 min
Response: 67333848
Conc: 42.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

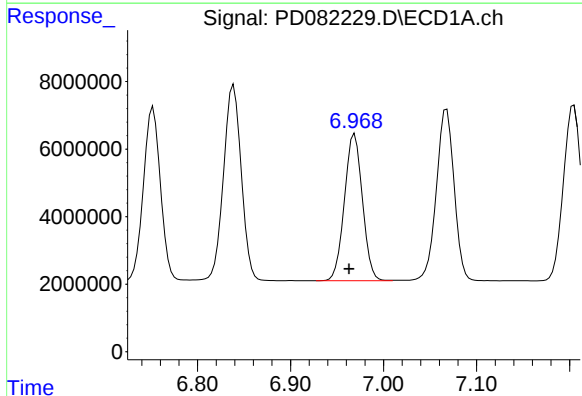
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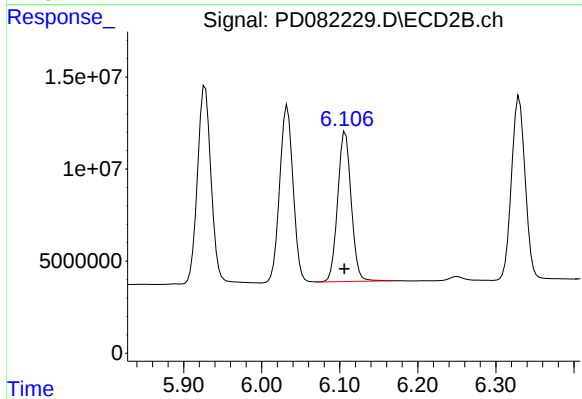
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.001 min
Response: 114834304
Conc: 54.57 ng/ml



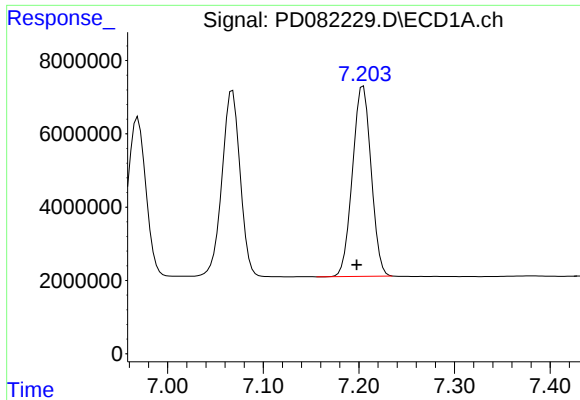
#18 Endrin aldehyde

R.T.: 6.969 min
Delta R.T.: 0.006 min
Response: 58394162
Conc: 42.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.001 min
Response: 98026598
Conc: 53.42 ng/ml



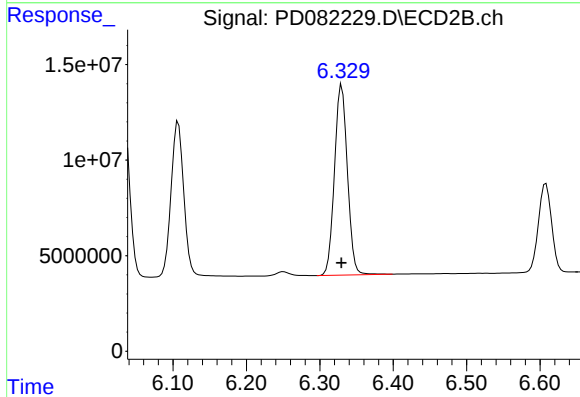
#19 Endosulfan Sulfate

R.T.: 7.205 min
Delta R.T.: 0.007 min
Response: 70408248
Conc: 41.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

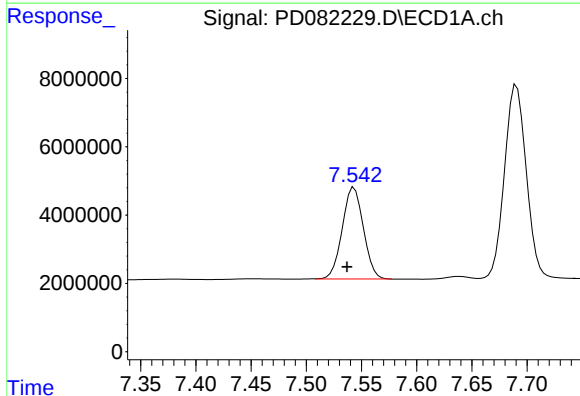
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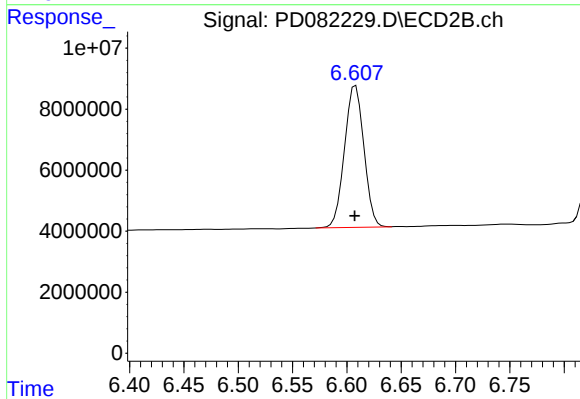
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 122124796
Conc: 52.78 ng/ml



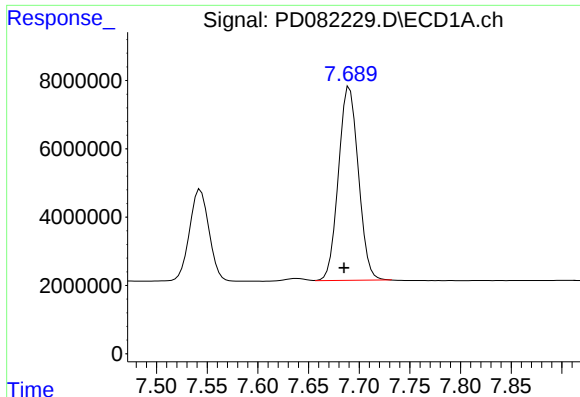
#20 Methoxychlor

R.T.: 7.542 min
Delta R.T.: 0.005 min
Response: 35690287
Conc: 40.20 ng/ml m



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 57844819
Conc: 50.63 ng/ml



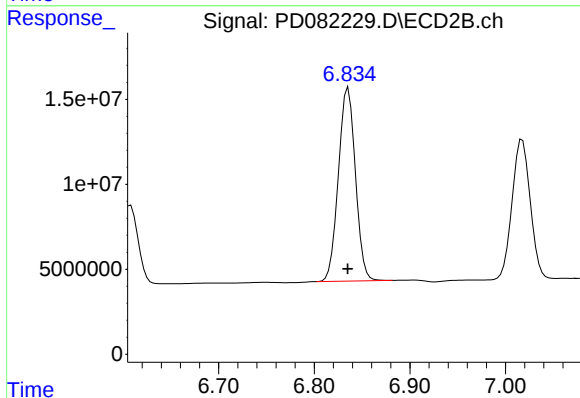
#21 Endrin ketone

R.T.: 7.691 min
Delta R.T.: 0.006 min
Response: 77522167
Conc: 42.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

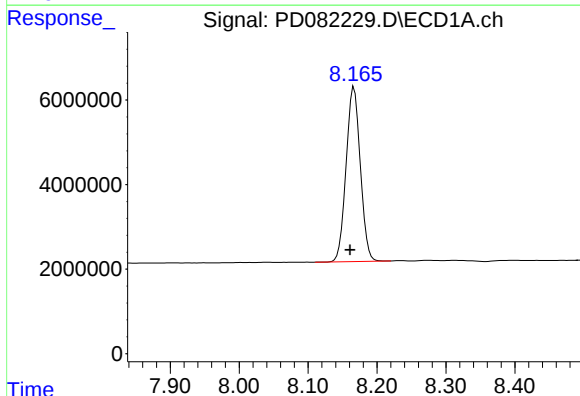
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/29/2024
Supervised By :Ankita Jodhani 03/29/2024



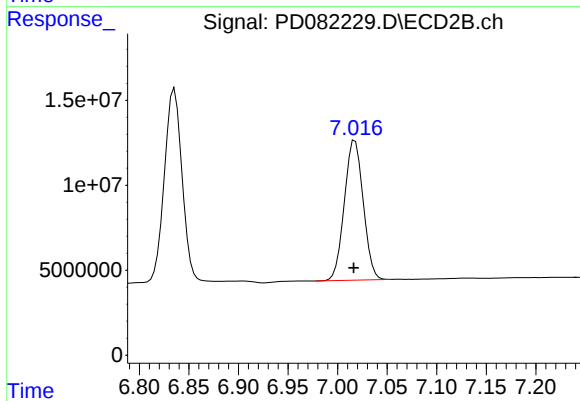
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 141116623
Conc: 53.15 ng/ml



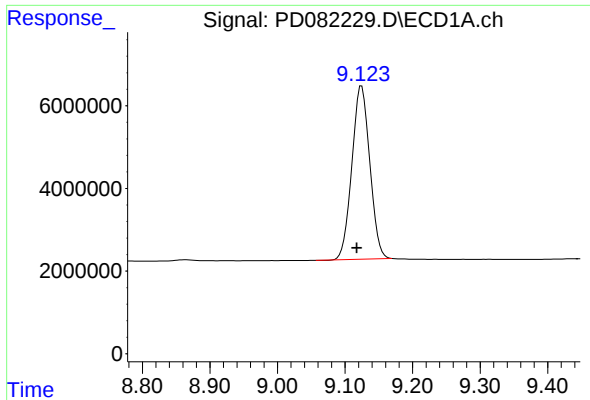
#22 Mirex

R.T.: 8.167 min
Delta R.T.: 0.006 min
Response: 59232044
Conc: 41.48 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.001 min
Response: 109031780
Conc: 51.99 ng/ml



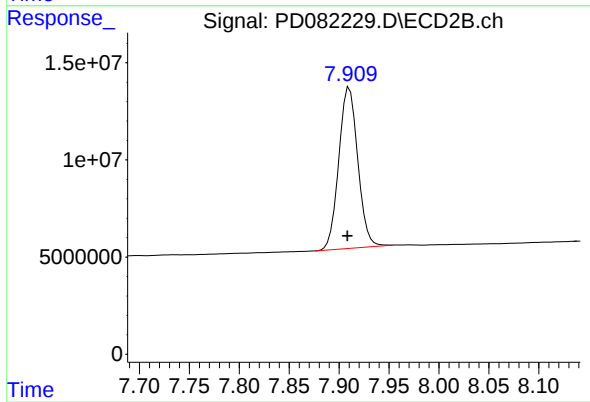
#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.007 min
Response: 77240676
Conc: 40.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.002 min
Response: 109510719
Conc: 50.31 ng/ml