

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010522\
 Data File : PD067609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2022 21:04
 Operator : AR\AJ
 Sample : PB141835BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB141835BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/05/2022
 Supervised By : Ankita Jodhani 01/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 03:29:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.433	3.962	33252319	124.6E6	18.298	18.886
28)	SA Decachlor...	8.153	9.014	16089529	85549072	18.113	18.001
Target Compounds							
2)	A alpha-BHC	3.869	4.356	140.4E6	421.5E6	48.683	45.428
3)	MA gamma-BHC...	4.150	4.641	128.2E6	385.3E6	48.184	45.723
4)	MA Heptachlor	4.443	5.140	124.1E6	339.0E6	45.628	44.182
5)	MB Aldrin	4.688	5.443	136.1E6	345.1E6	49.172	46.540
6)	B beta-BHC	4.399	4.819	50854056	176.8E6	46.273	45.335
7)	B delta-BHC	4.601	5.034	126.9E6	382.0E6	49.186	50.975
8)	B Heptachlo...	5.128	5.832	118.5E6	298.6E6	48.083	55.939
9)	A Endosulfan I	5.464	6.189	107.9E6	287.7E6	48.511	47.521
10)	B gamma-Chl...	5.352	6.066	119.7E6	306.1E6	48.436	47.191
11)	B alpha-Chl...	5.410	6.137	116.8E6	304.3E6	48.321	46.941
12)	B 4,4'-DDE	5.574	6.298	109.7E6	295.7E6	49.540	48.000
13)	MA Dieldrin	5.706	6.447	118.2E6	315.5E6	48.954	47.500
14)	MA Endrin	5.963	6.665	77145170	205.3E6	36.724	37.037
15)	B Endosulfa...	6.235	6.880	94059553	275.3E6	46.904	46.313
16)	A 4,4'-DDD	6.088	6.792	92038947	261.4E6	53.573	52.223
17)	MA 4,4'-DDT	6.325	7.089	72640827	219.5E6	44.455m	41.018
18)	B Endrin al...	6.405	7.004	74783074	229.8E6	49.213	50.943
19)	B Endosulfa...	6.616	7.228	79970829	260.5E6	49.534	47.655
20)	A Methoxychlor	6.874	7.551	35358559	116.7E6	41.653	40.223
21)	B Endrin ke...	7.107	7.700	92569259	319.0E6	54.089	50.827
22)	Mirex	7.287	8.146	60497480	219.1E6	50.578	50.450

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

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 Data File : PD067609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2022 21:04
 Operator : AR\AJ
 Sample : PB141835BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

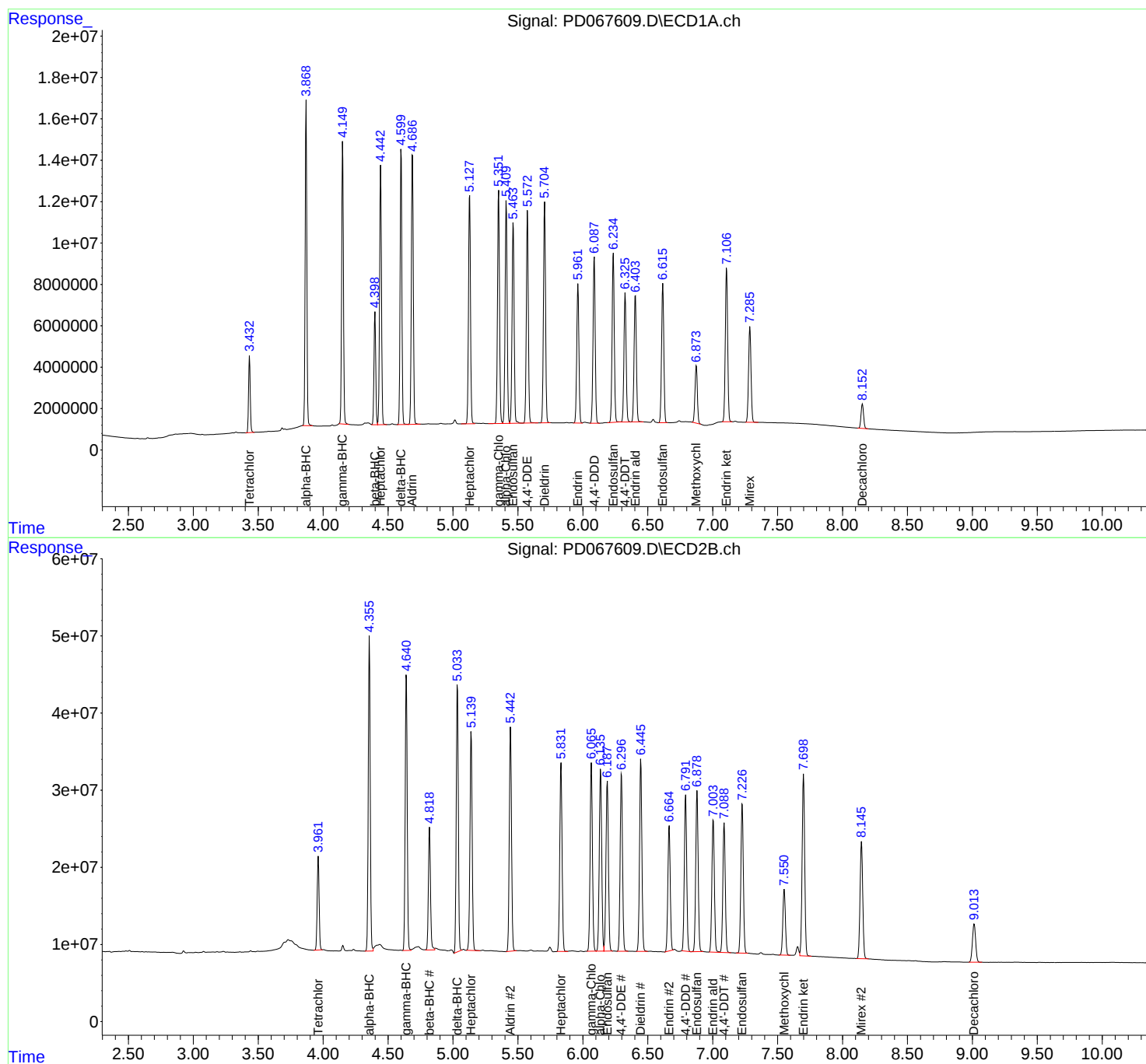
Instrument :
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 PB141835BS

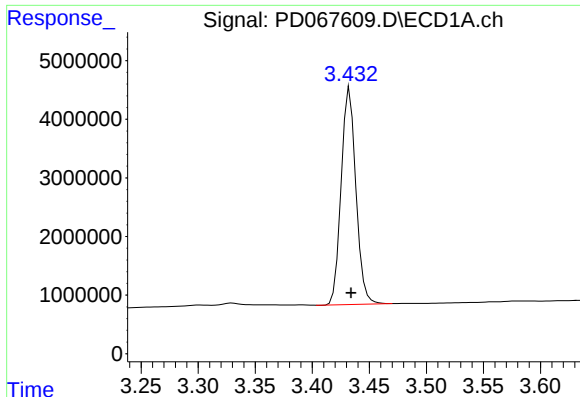
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 01/05/2022
 Supervised By :Ankita Jodhani 01/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 03:29:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 2021
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





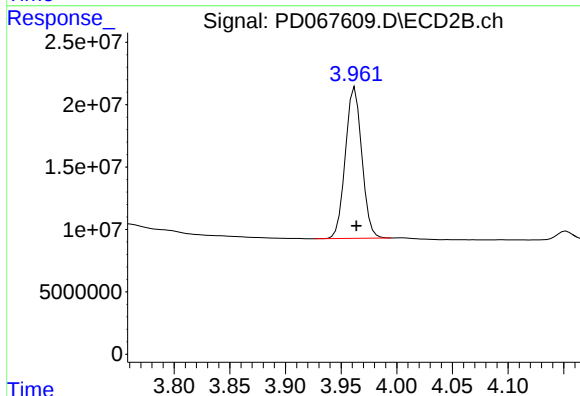
#1 Tetrachloro-m-xylene

R.T.: 3.433 min
Delta R.T.: -0.001 min
Response: 33252319
Conc: 18.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141835BS

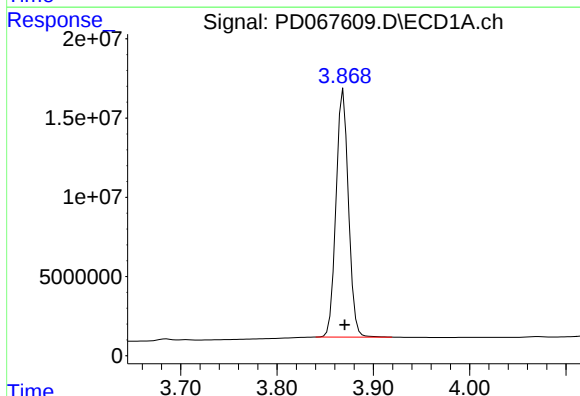
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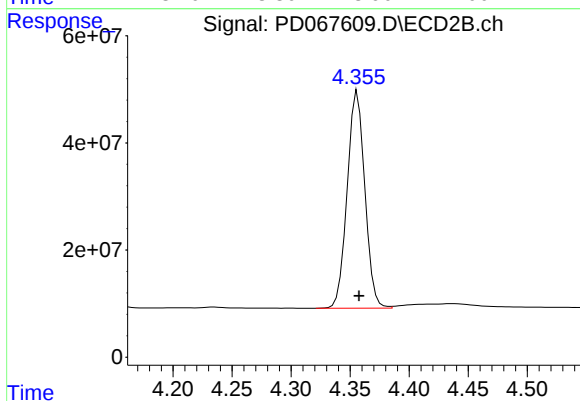
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 124616768
Conc: 18.89 ng/ml



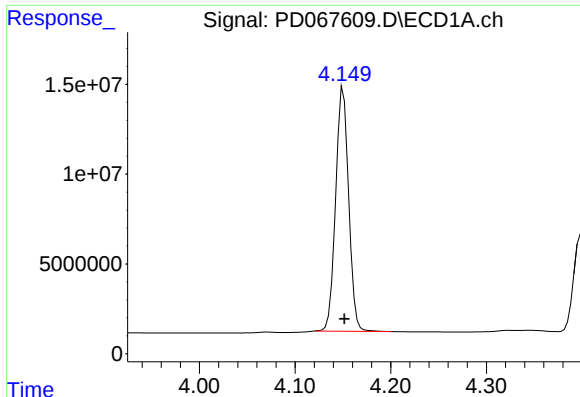
#2 alpha-BHC

R.T.: 3.869 min
Delta R.T.: -0.001 min
Response: 140405868
Conc: 48.68 ng/ml



#2 alpha-BHC

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 421490058
Conc: 45.43 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.150 min
Delta R.T.: -0.001 min
Response: 128151780
Conc: 48.18 ng/ml

Instrument :

ECD_D

ClientSampleId :

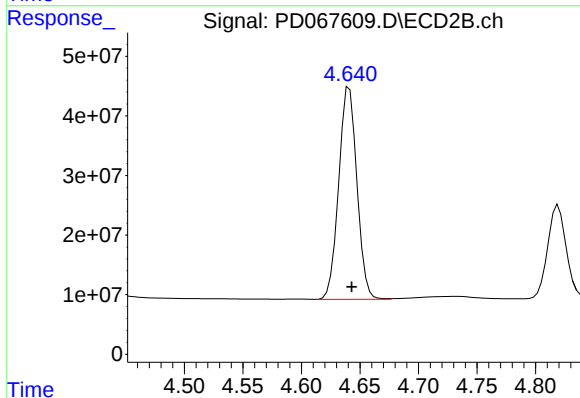
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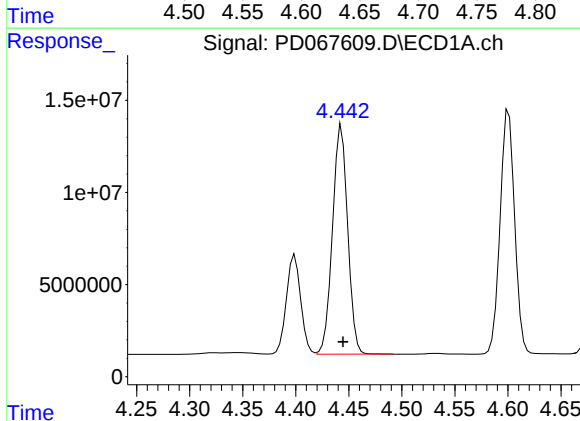
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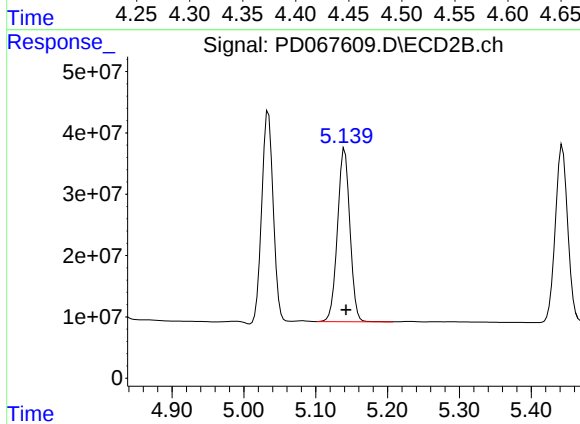
#3 gamma-BHC (Lindane)

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 385342226
Conc: 45.72 ng/ml



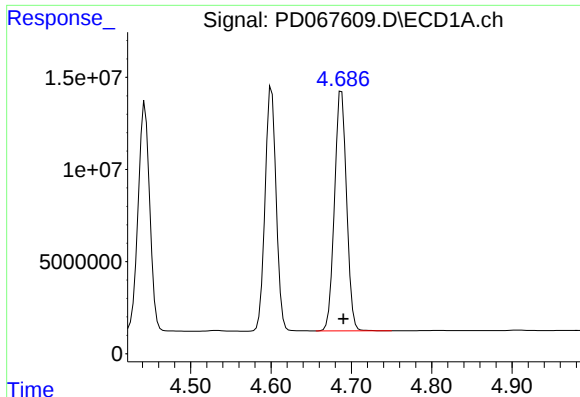
#4 Heptachlor

R.T.: 4.443 min
Delta R.T.: -0.001 min
Response: 124081782
Conc: 45.63 ng/ml



#4 Heptachlor

R.T.: 5.140 min
Delta R.T.: -0.002 min
Response: 338960267
Conc: 44.18 ng/ml



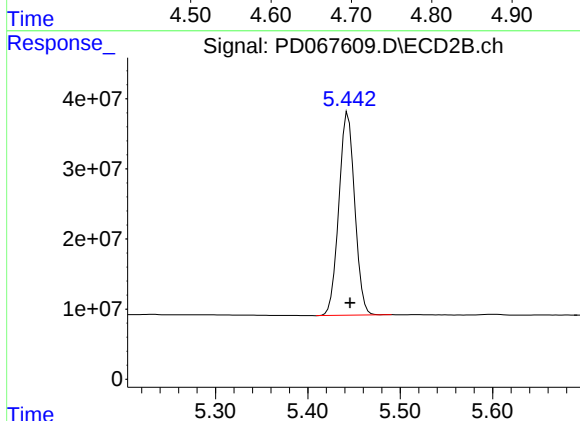
#5 Aldrin

R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 136099474
Conc: 49.17 ng/ml

Instrument :
ECD_D
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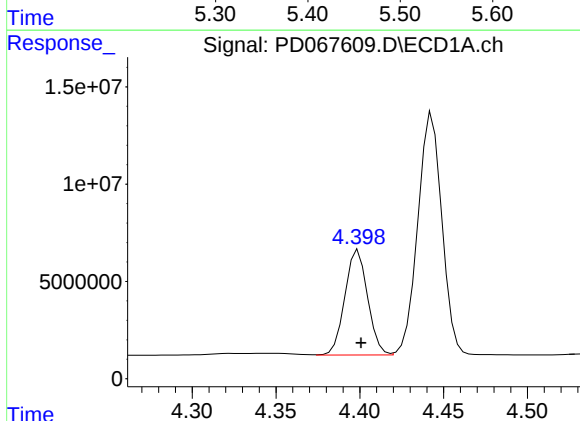
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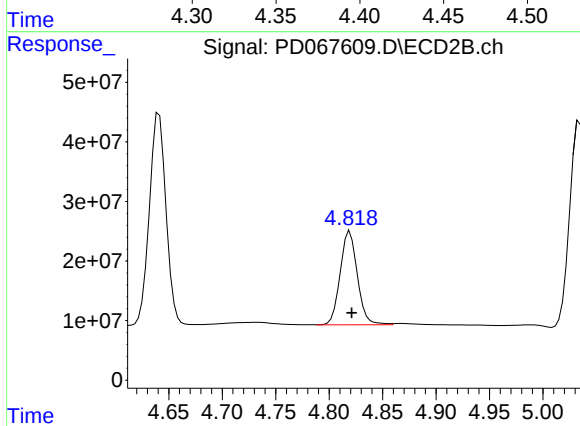
#5 Aldrin

R.T.: 5.443 min
Delta R.T.: -0.002 min
Response: 345088120
Conc: 46.54 ng/ml



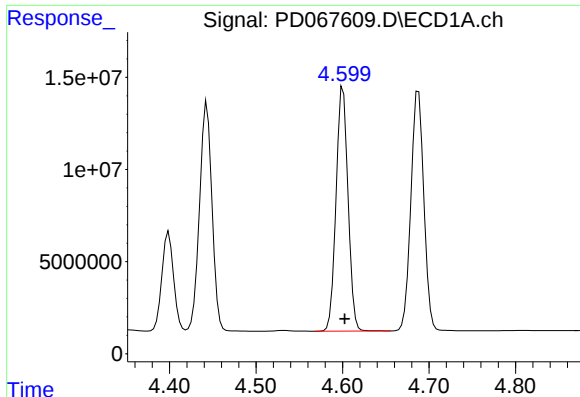
#6 beta-BHC

R.T.: 4.399 min
Delta R.T.: -0.001 min
Response: 50854056
Conc: 46.27 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: -0.002 min
Response: 176774169
Conc: 45.33 ng/ml



#7 delta-BHC

R.T.: 4.601 min
Delta R.T.: -0.002 min
Response: 126916487
Conc: 49.19 ng/ml

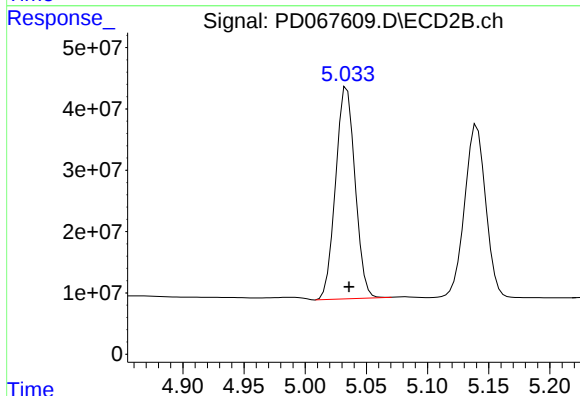
Instrument :

ECD_D

ClientSampleId :
PB141835BS

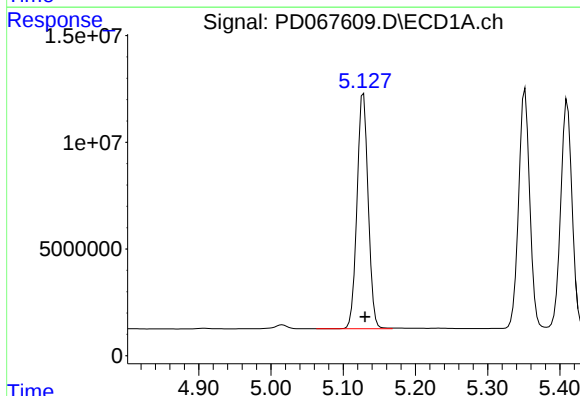
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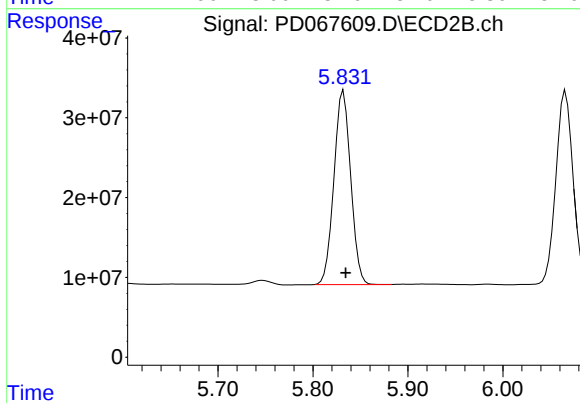
#7 delta-BHC

R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 382030515
Conc: 50.98 ng/ml



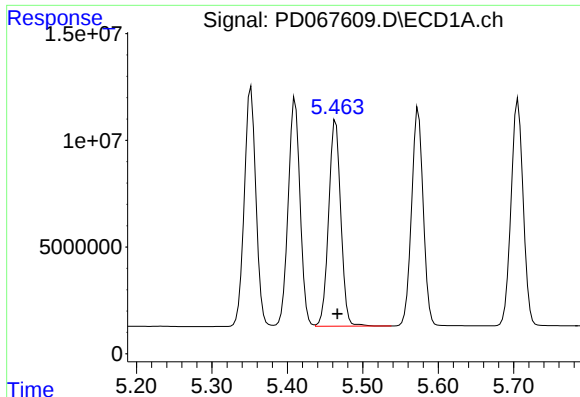
#8 Heptachlor epoxide

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 118488767
Conc: 48.08 ng/ml



#8 Heptachlor epoxide

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 298586112
Conc: 55.94 ng/ml



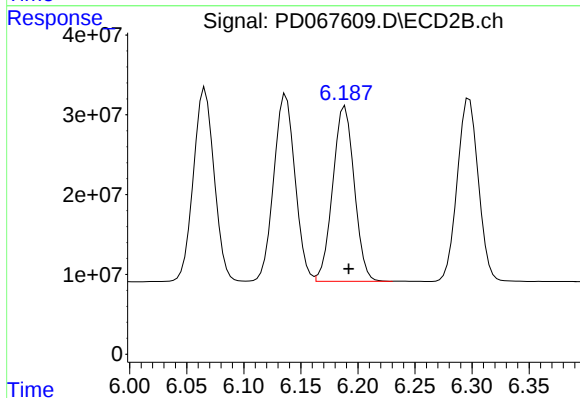
#9 Endosulfan I

R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 107933643
Conc: 48.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141835BS

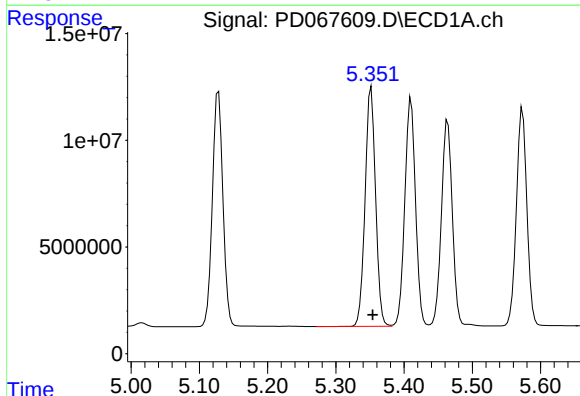
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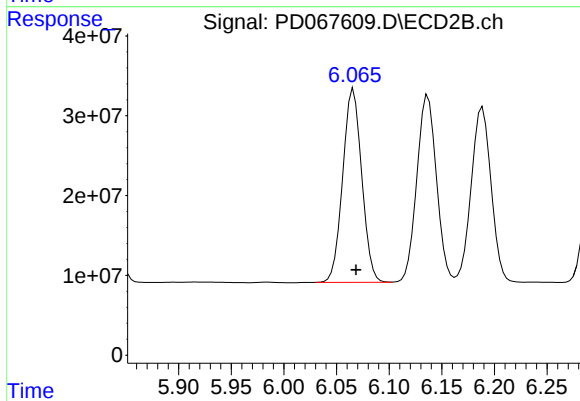
#9 Endosulfan I

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 287694980
Conc: 47.52 ng/ml



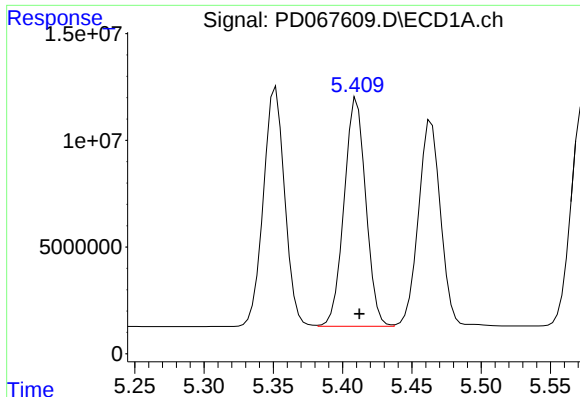
#10 gamma-Chlordane

R.T.: 5.352 min
Delta R.T.: -0.002 min
Response: 119746134
Conc: 48.44 ng/ml



#10 gamma-Chlordane

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 306139129
Conc: 47.19 ng/ml



#11 alpha-Chlordane

R.T.: 5.410 min
Delta R.T.: -0.002 min
Response: 116832803
Conc: 48.32 ng/ml

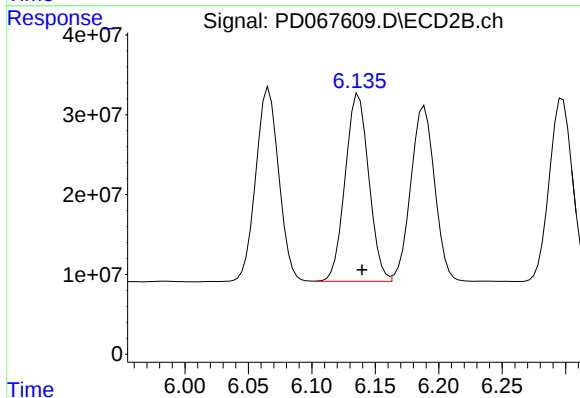
Instrument :

ECD_D

ClientSampleId :
PB141835BS

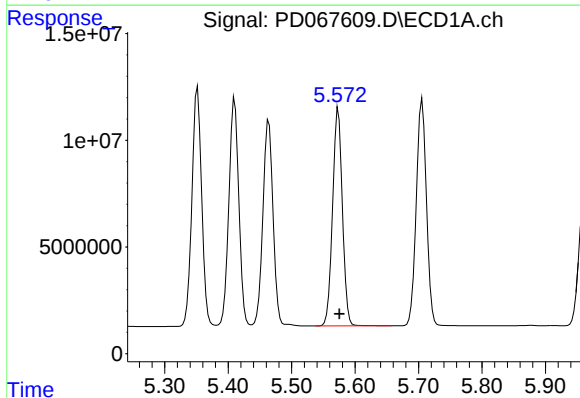
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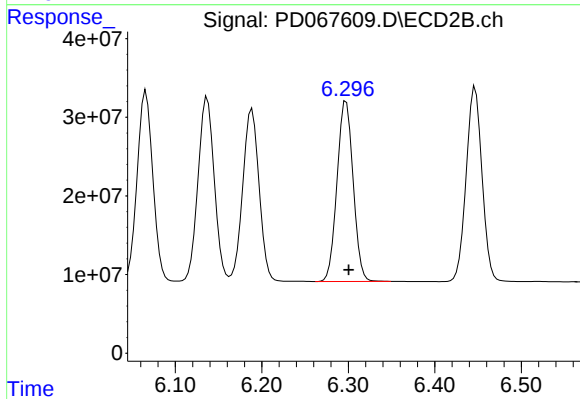
#11 alpha-Chlordane

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 304288701
Conc: 46.94 ng/ml



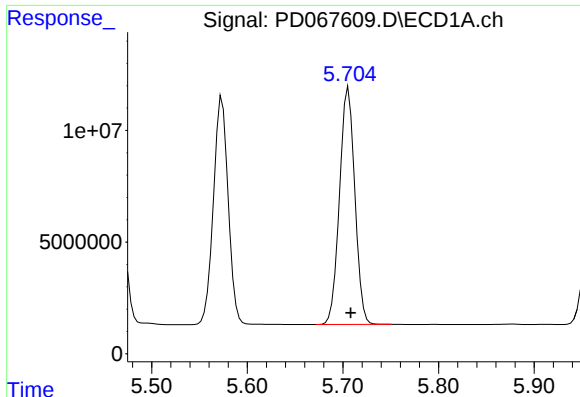
#12 4,4'-DDE

R.T.: 5.574 min
Delta R.T.: -0.002 min
Response: 109673424
Conc: 49.54 ng/ml



#12 4,4'-DDE

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 295660477
Conc: 48.00 ng/ml



#13 Dieldrin

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 118190709
Conc: 48.95 ng/ml

Instrument :

ECD_D

ClientSampleId :

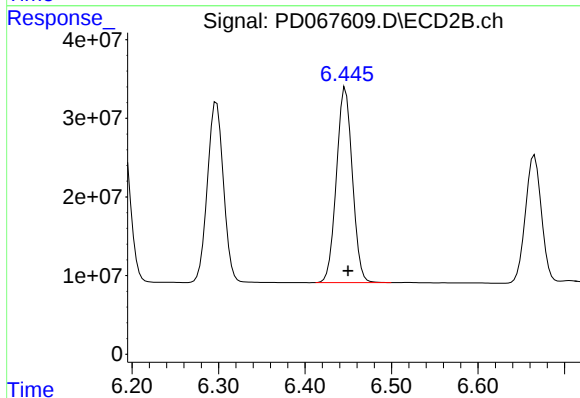
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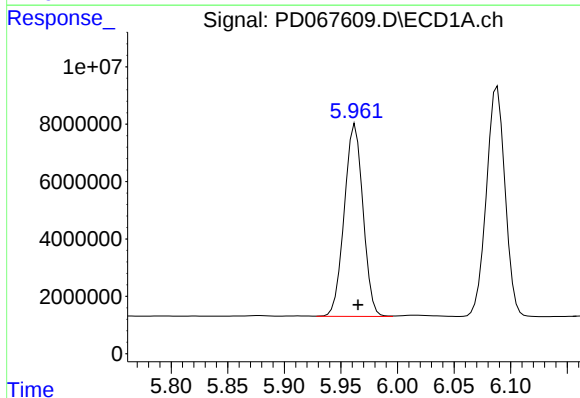
Reviewed By :Abdul Mirza 01/05/2022

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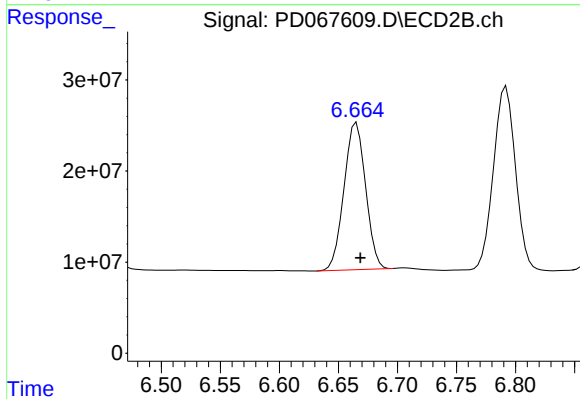
#13 Dieldrin

R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 315538713
Conc: 47.50 ng/ml



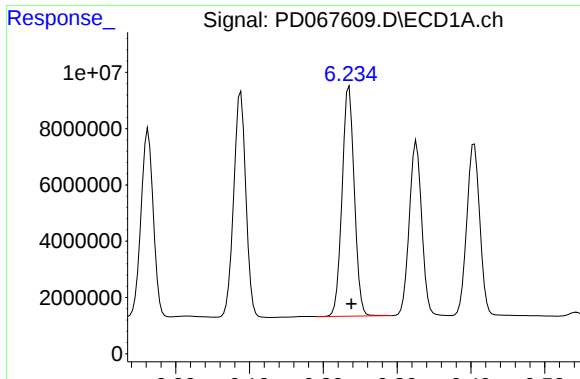
#14 Endrin

R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 77145170
Conc: 36.72 ng/ml



#14 Endrin

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 205324682
Conc: 37.04 ng/ml



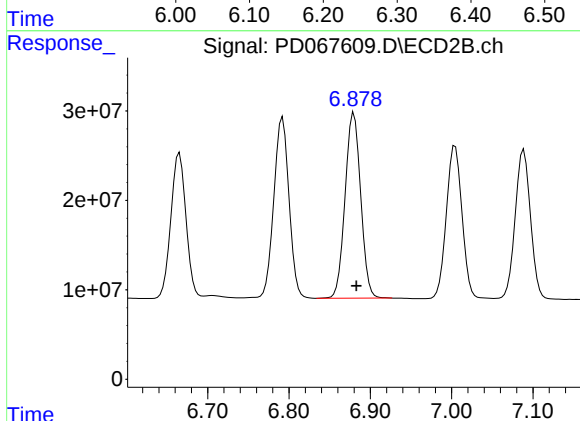
#15 Endosulfan II

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 94059553
Conc: 46.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141835BS

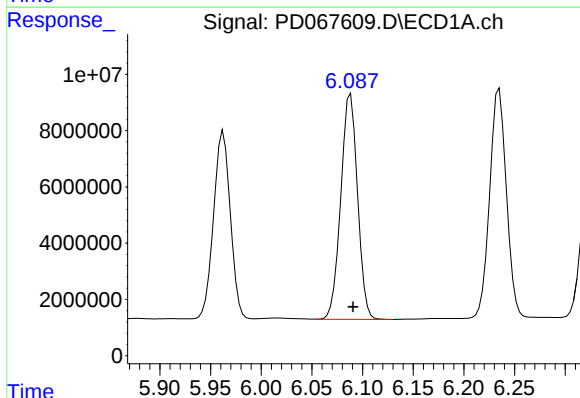
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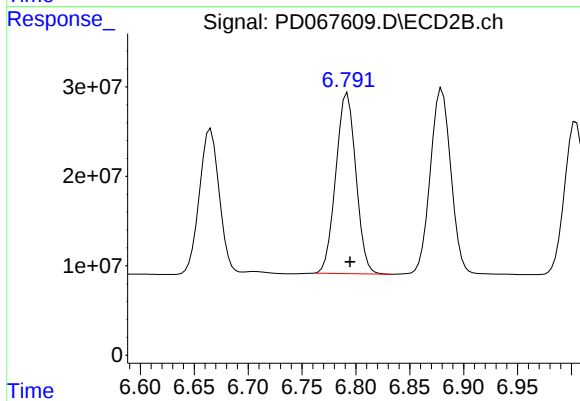
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: -0.003 min
Response: 275267238
Conc: 46.31 ng/ml



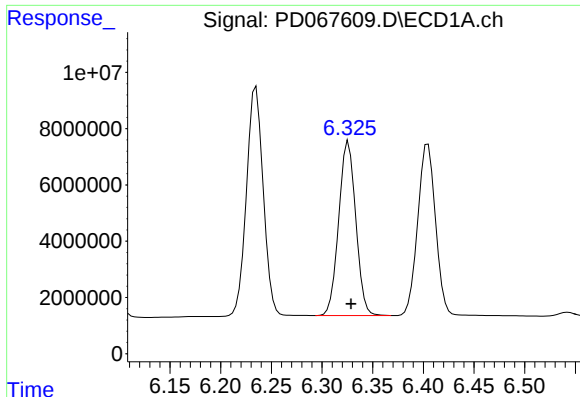
#16 4,4'-DDD

R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 92038947
Conc: 53.57 ng/ml



#16 4,4'-DDD

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 261419115
Conc: 52.22 ng/ml



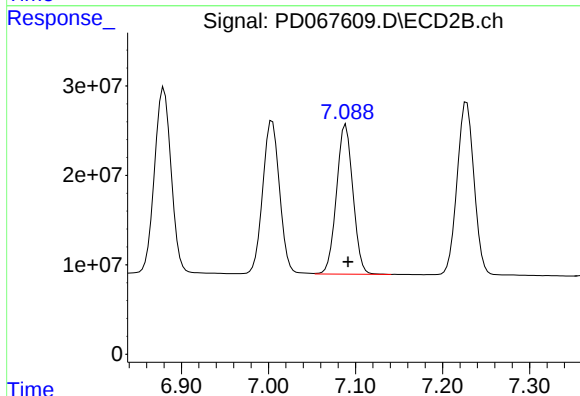
#17 4,4'-DDT

R.T.: 6.325 min
Delta R.T.: -0.004 min
Response: 72640827
Conc: 44.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141835BS

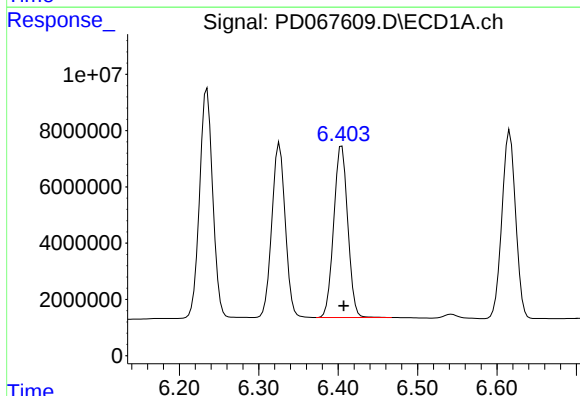
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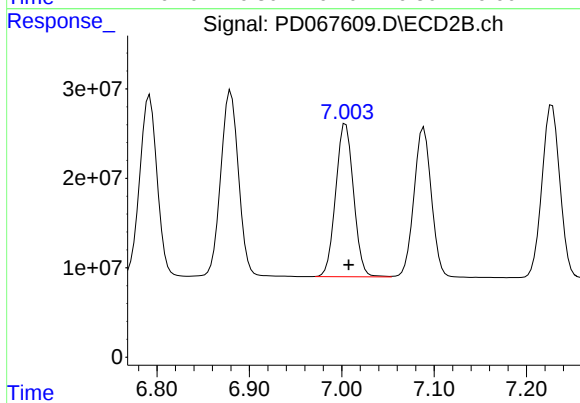
#17 4,4'-DDT

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 219482363
Conc: 41.02 ng/ml



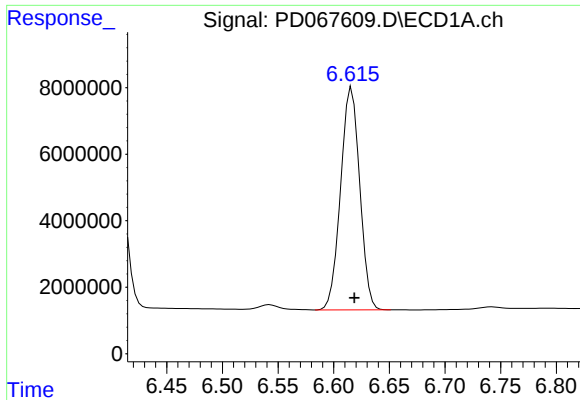
#18 Endrin aldehyde

R.T.: 6.405 min
Delta R.T.: -0.003 min
Response: 74783074
Conc: 49.21 ng/ml



#18 Endrin aldehyde

R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 229826547
Conc: 50.94 ng/ml



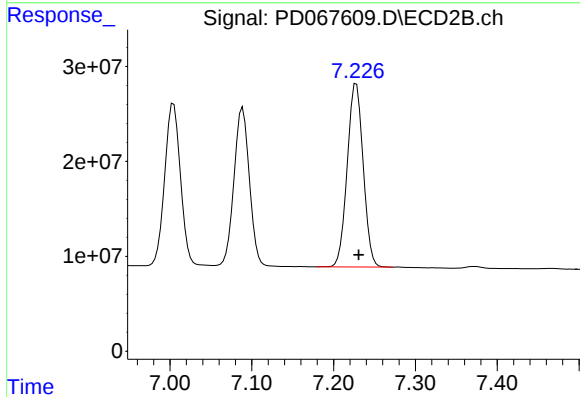
#19 Endosulfan Sulfate

R.T.: 6.616 min
Delta R.T.: -0.003 min
Response: 79970829
Conc: 49.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141835BS

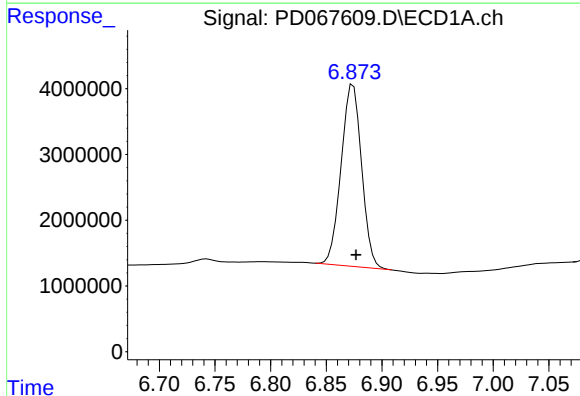
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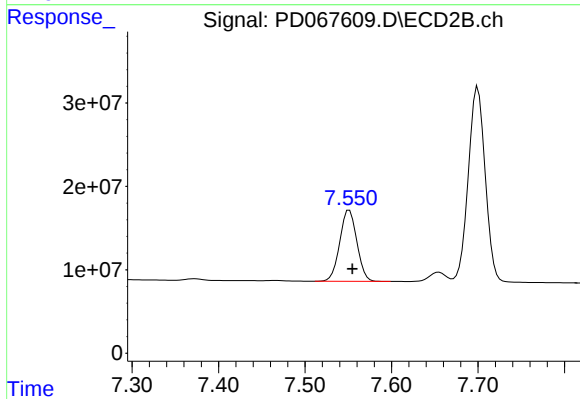
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: -0.003 min
Response: 260456174
Conc: 47.66 ng/ml



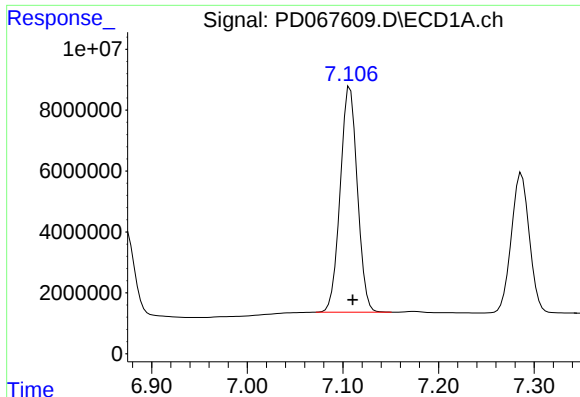
#20 Methoxychlor

R.T.: 6.874 min
Delta R.T.: -0.002 min
Response: 35358559
Conc: 41.65 ng/ml



#20 Methoxychlor

R.T.: 7.551 min
Delta R.T.: -0.003 min
Response: 116703536
Conc: 40.22 ng/ml



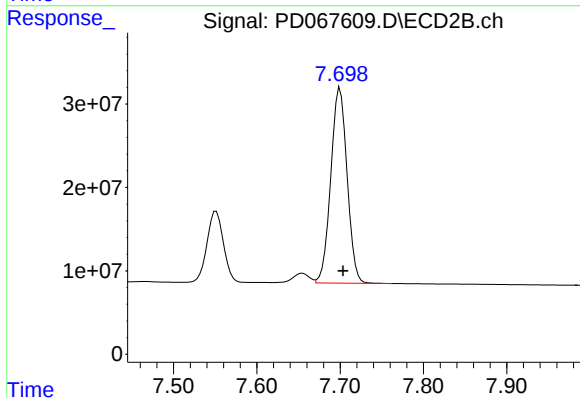
#21 Endrin ketone

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 92569259
Conc: 54.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
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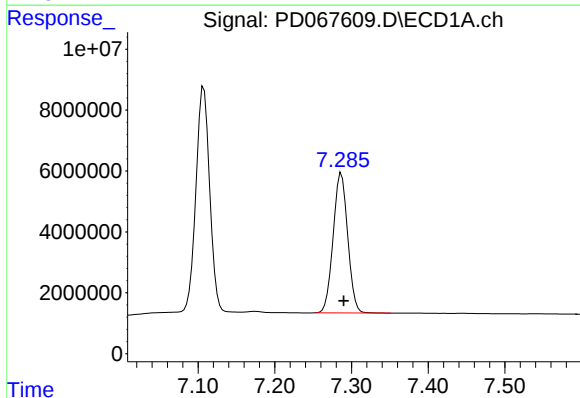
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/05/2022
Supervised By :Ankita Jodhani 01/05/2022



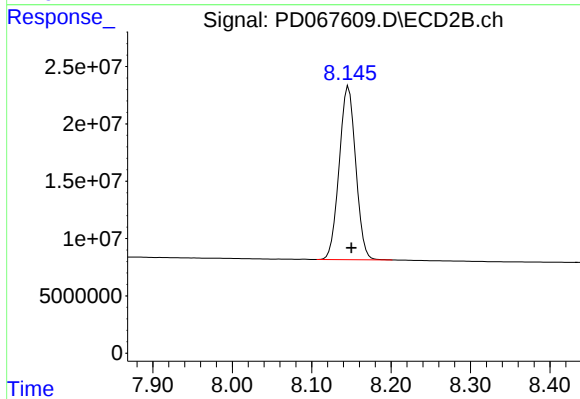
#21 Endrin ketone

R.T.: 7.700 min
Delta R.T.: -0.004 min
Response: 318950763
Conc: 50.83 ng/ml



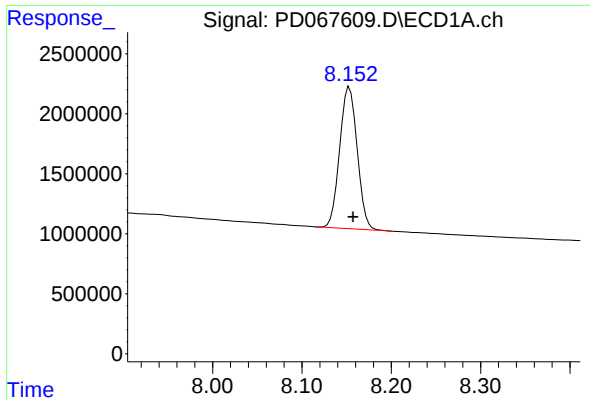
#22 Mirex

R.T.: 7.287 min
Delta R.T.: -0.003 min
Response: 60497480
Conc: 50.58 ng/ml



#22 Mirex

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 219065423
Conc: 50.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.153 min
Delta R.T.: -0.004 min
Response: 16089529
Conc: 18.11 ng/ml

Instrument :

ECD_D

ClientSampleId :

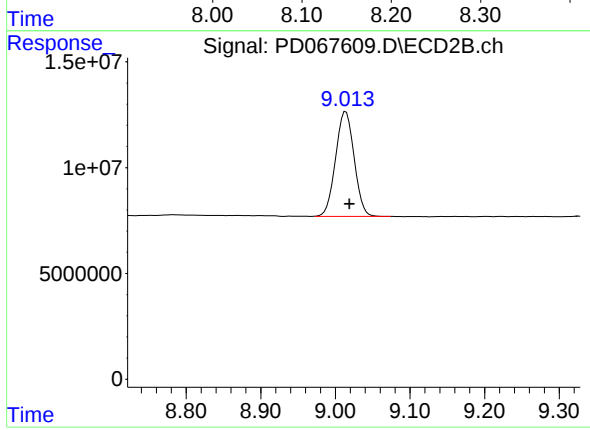
PB141835BS

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#28 Decachlorobiphenyl

R.T.: 9.014 min
Delta R.T.: -0.005 min
Response: 85549072
Conc: 18.00 ng/ml