

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112221\
 Data File : PD067060.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2021 15:59
 Operator : AR\AJ
 Sample : M4770-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CC-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/23/2021
 Supervised By : Sohil Jodhani 11/23/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 04:56:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.437	3.967	34060451	174.6E6	18.255	21.579
2)	SA Decachlor...	8.162	9.028	19335344	103.0E6	16.735	19.117
Target Compounds							
2)	A alpha-BHC	3.874	4.359	155.6E6	574.7E6	50.888	52.092m
3)	MA gamma-BHC...	4.155	4.646	145.8E6	508.9E6	48.269	51.064
4)	MA Heptachlor	4.449	5.146	147.8E6	450.2E6	49.833	45.925
5)	MB Aldrin	4.694	5.450	143.9E6	423.6E6	49.945	46.659
6)	B beta-BHC	4.404	4.823	58568987	219.8E6	46.888	47.210
7)	B delta-BHC	4.606	5.038	139.9E6	473.0E6	52.047	51.751
8)	B Heptachlo...	5.135	5.839	131.3E6	353.9E6	50.756	48.822
9)	A Endosulfan I	5.471	6.196	120.9E6	383.2E6	50.901	48.602
10)	B gamma-Chl...	5.359	6.073	132.5E6	400.8E6	50.842	48.039
11)	B alpha-Chl...	5.417	6.144	129.9E6	400.1E6	50.610	48.235
12)	B 4,4'-DDE	5.581	6.304	119.4E6	384.7E6	51.242	48.814
13)	MA Dieldrin	5.713	6.454	128.7E6	408.3E6	51.439	49.203
14)	MA Endrin	5.970	6.673	114.7E6	362.1E6	54.824	52.617
15)	B Endosulfa...	6.243	6.888	99586582	344.5E6	50.079	48.795
16)	A 4,4'-DDD	6.095	6.799	95233977	331.4E6	50.795	48.773
17)	MA 4,4'-DDT	6.334	7.097	101.0E6	352.5E6	52.485	48.604
18)	B Endrin al...	6.411	7.012	74493754	269.8E6	48.192	47.430
19)	B Endosulfa...	6.623	7.235	90942417	336.3E6	48.864	46.364
20)	A Methoxychlor	6.882	7.559	49400587	181.7E6	47.837	44.592
21)	B Endrin ke...	7.115	7.709	98594337	370.6E6	45.184	44.070
22)	Mirex	7.296	8.157	68979442	267.5E6	44.343	45.225

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

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 Acq On : 22 Nov 2021 15:59
 Operator : AR\AJ
 Sample : M4770-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

CC-1MS

Manual Integrations

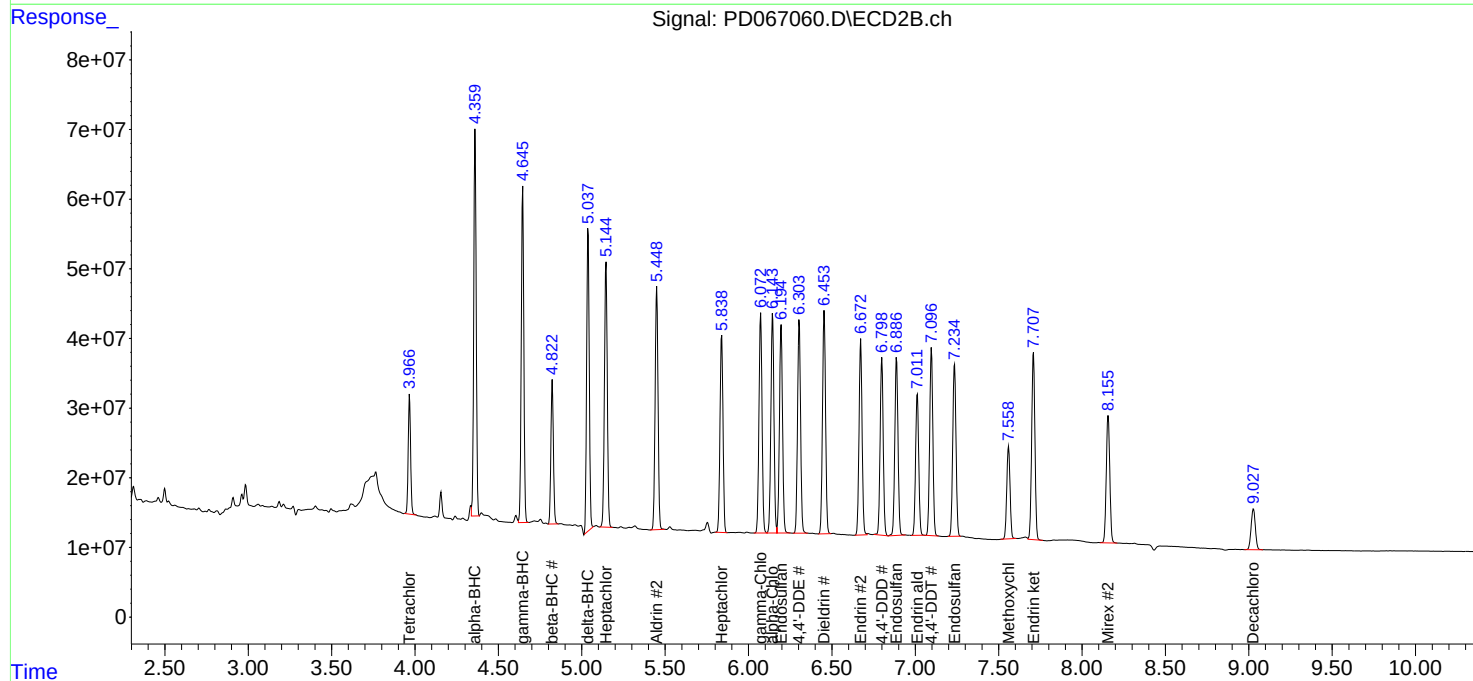
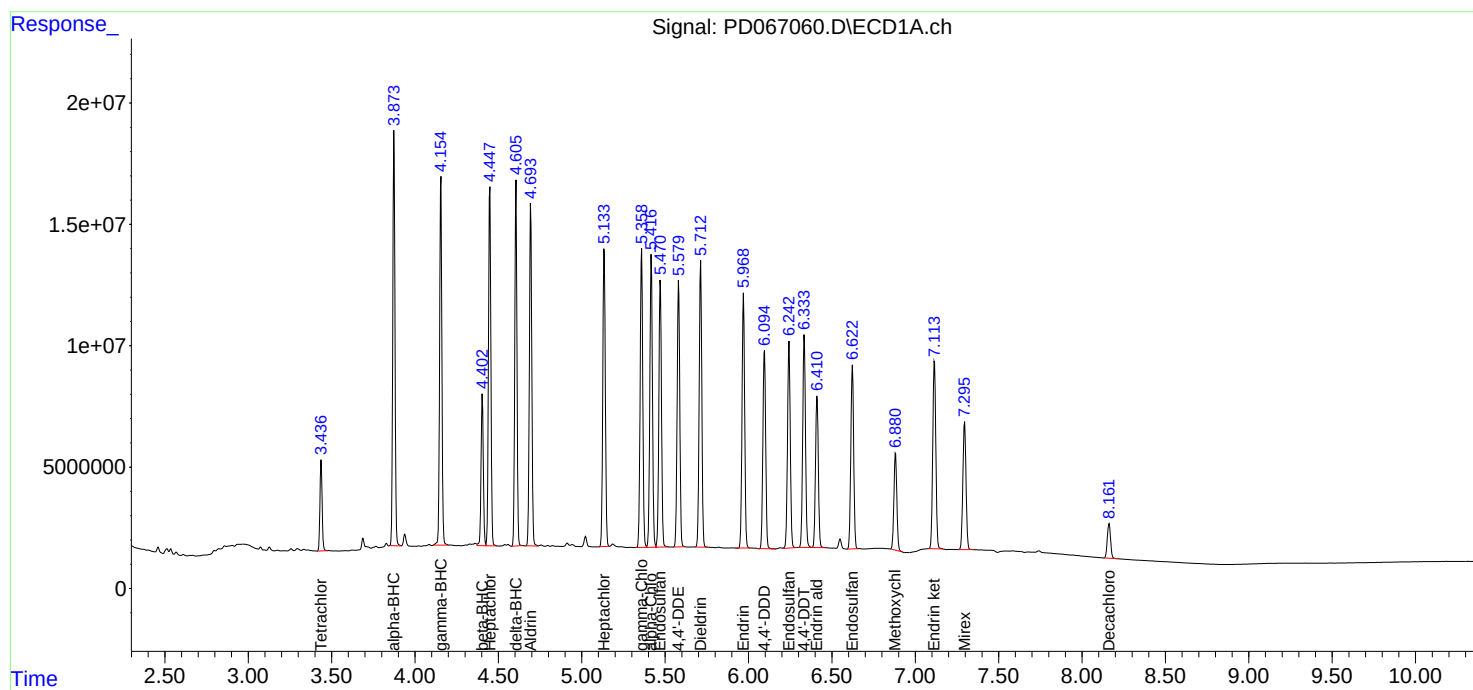
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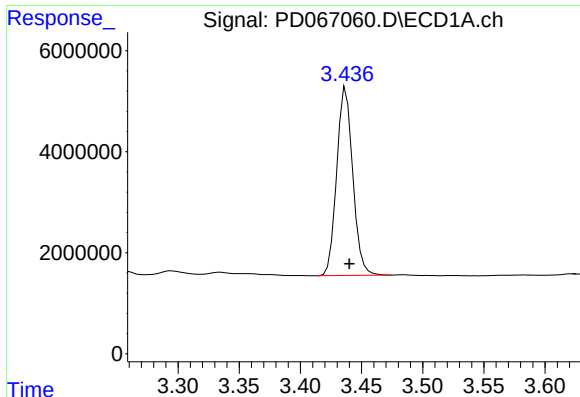
Reviewed By :Abdul Mirza 11/23/2021

Supervised By :Sohil Jodhani 11/23/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 04:56:01 2021
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 Quant Title : GC Extractables
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Volume Inj. : 2 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





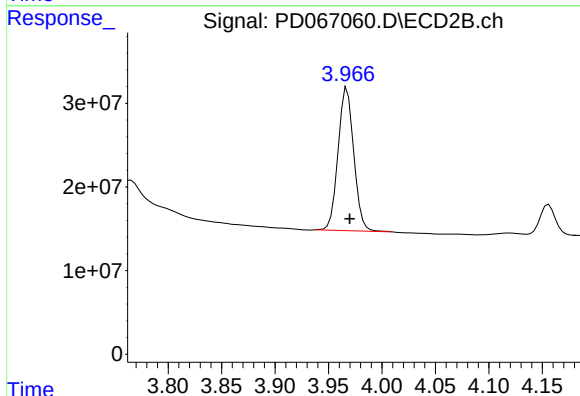
#1 Tetrachloro-m-xylene

R.T.: 3.437 min
Delta R.T.: -0.003 min
Response: 34060451
Conc: 18.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MS

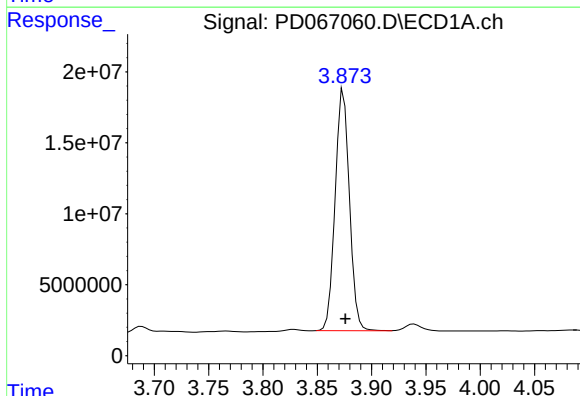
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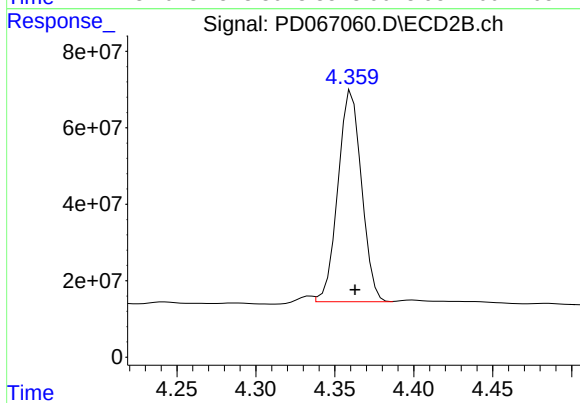
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 174618456
Conc: 21.58 ng/ml



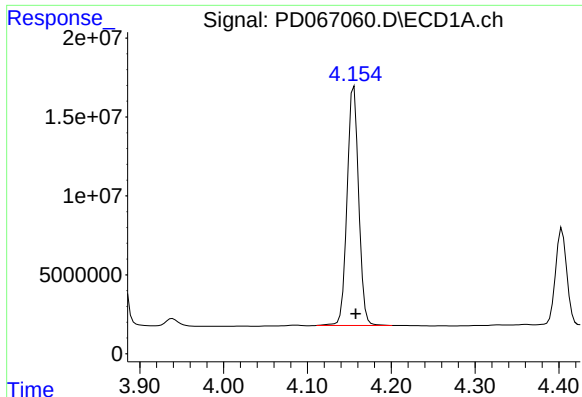
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: -0.002 min
Response: 155581220
Conc: 50.89 ng/ml



#2 alpha-BHC

R.T.: 4.359 min
Delta R.T.: -0.004 min
Response: 574708066
Conc: 52.09 ng/ml m



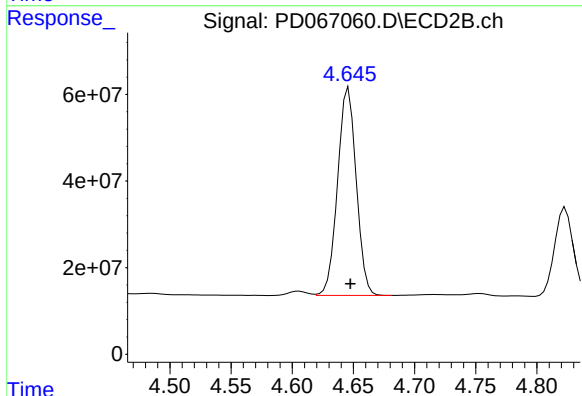
#3 gamma-BHC (Lindane)

R.T.: 4.155 min
Delta R.T.: -0.002 min
Response: 145768216
Conc: 48.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MS

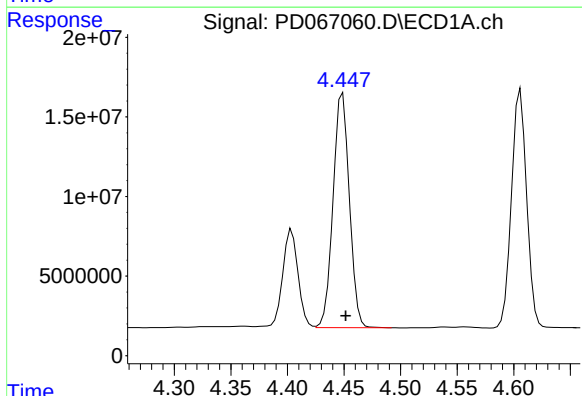
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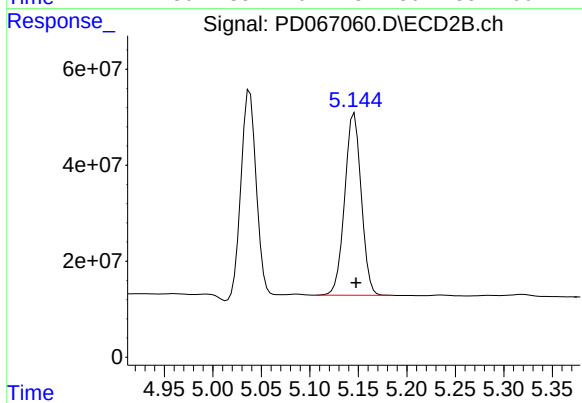
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: -0.001 min
Response: 508865790
Conc: 51.06 ng/ml



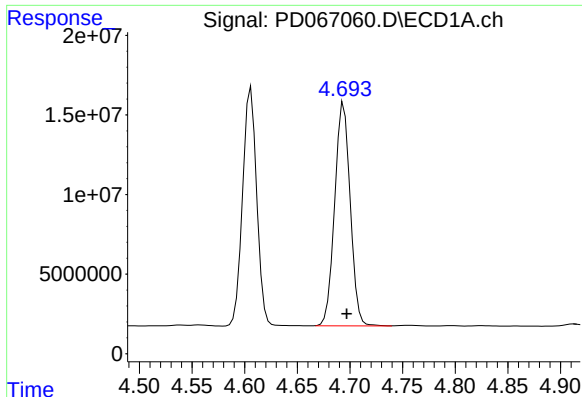
#4 Heptachlor

R.T.: 4.449 min
Delta R.T.: -0.003 min
Response: 147835684
Conc: 49.83 ng/ml



#4 Heptachlor

R.T.: 5.146 min
Delta R.T.: -0.002 min
Response: 450156556
Conc: 45.92 ng/ml



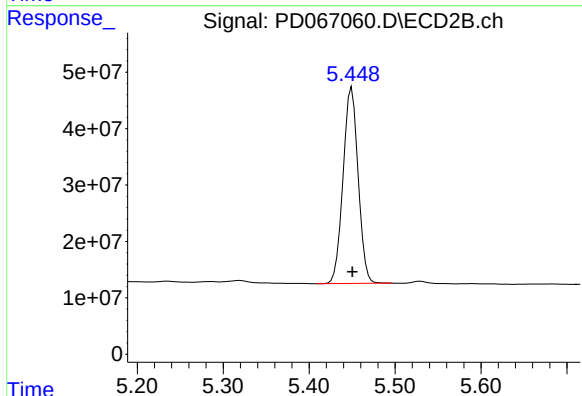
#5 Aldrin

R.T.: 4.694 min
Delta R.T.: -0.003 min
Response: 143933749
Conc: 49.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MS

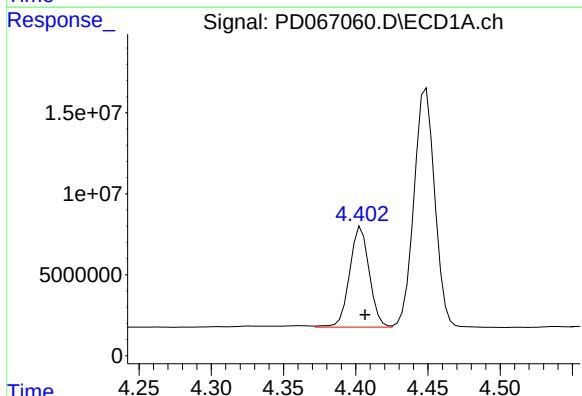
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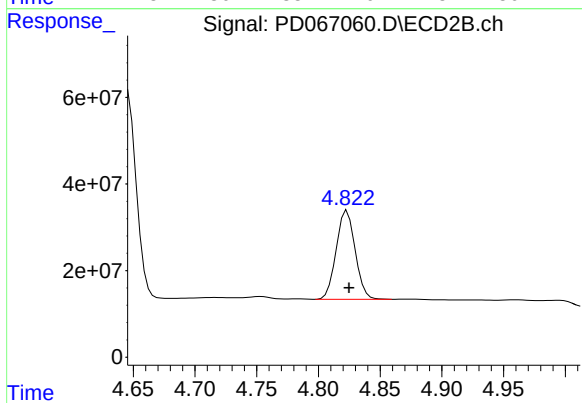
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 423558835
Conc: 46.66 ng/ml



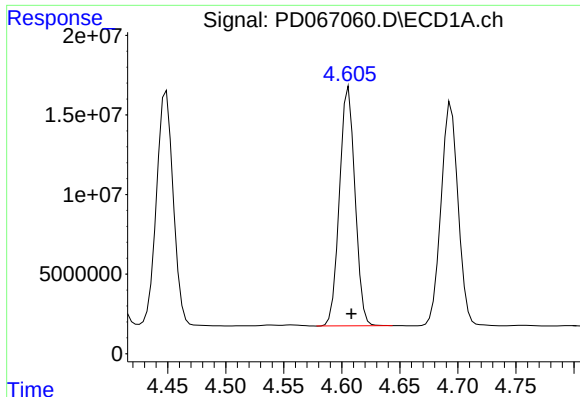
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: -0.003 min
Response: 58568987
Conc: 46.89 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 219826366
Conc: 47.21 ng/ml



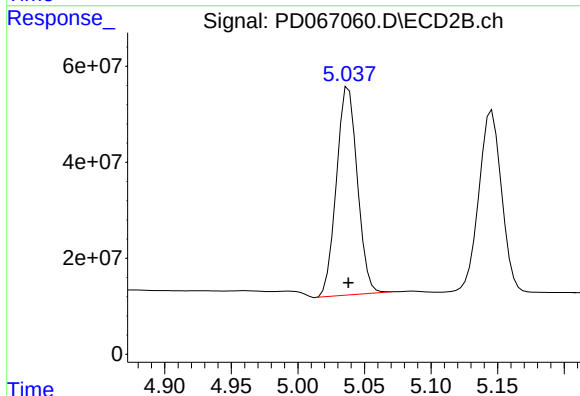
#7 delta-BHC

R.T.: 4.606 min
Delta R.T.: -0.002 min
Response: 139916497
Conc: 52.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MS

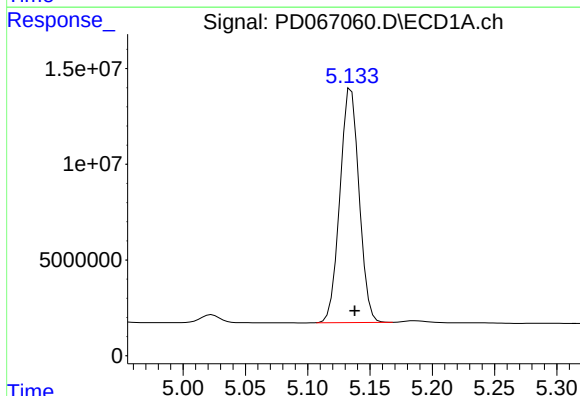
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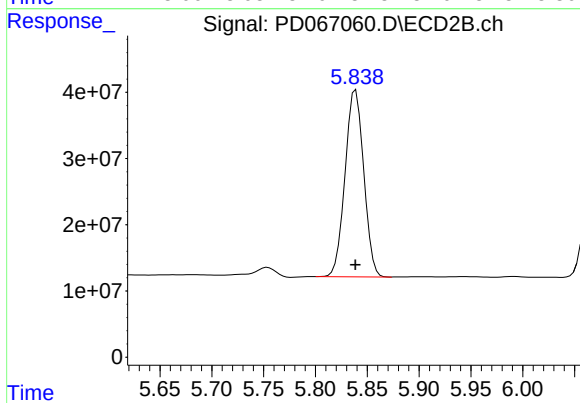
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 473025077
Conc: 51.75 ng/ml



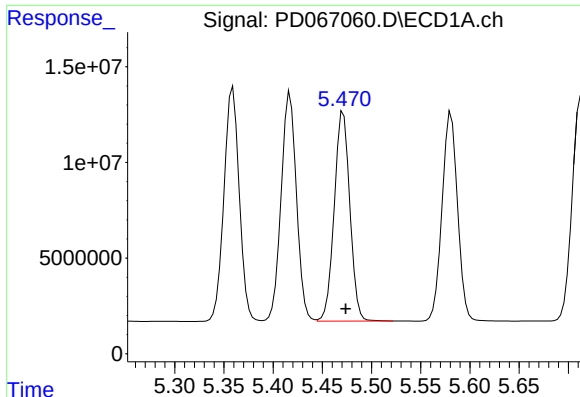
#8 Heptachlor epoxide

R.T.: 5.135 min
Delta R.T.: -0.003 min
Response: 131286943
Conc: 50.76 ng/ml



#8 Heptachlor epoxide

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 353854106
Conc: 48.82 ng/ml



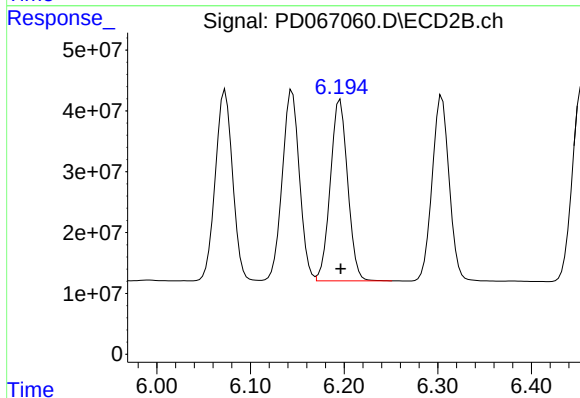
#9 Endosulfan I

R.T.: 5.471 min
Delta R.T.: -0.002 min
Response: 120879110
Conc: 50.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MS

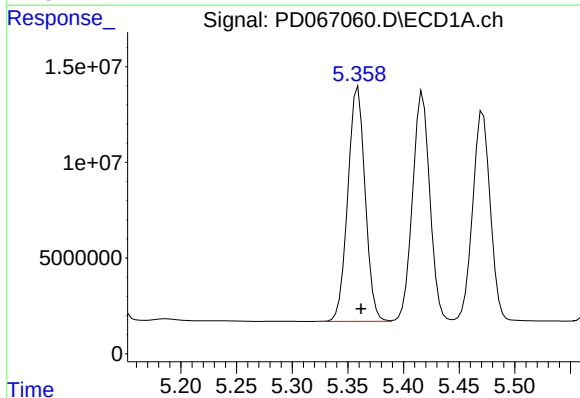
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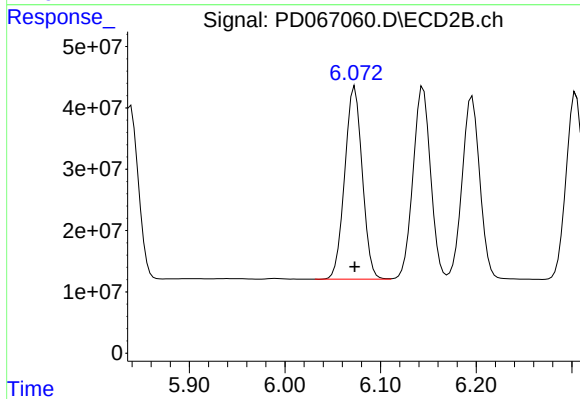
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 383223181
Conc: 48.60 ng/ml



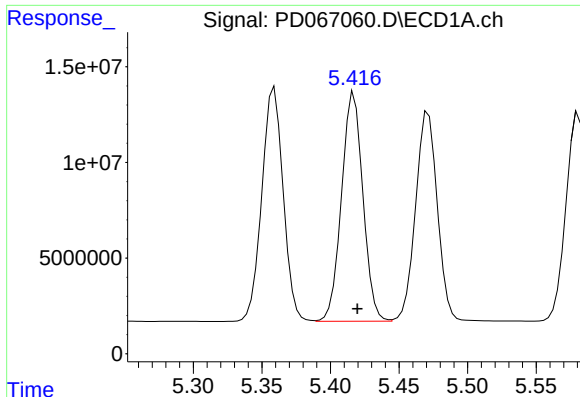
#10 gamma-Chlordane

R.T.: 5.359 min
Delta R.T.: -0.003 min
Response: 132463064
Conc: 50.84 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 400798129
Conc: 48.04 ng/ml



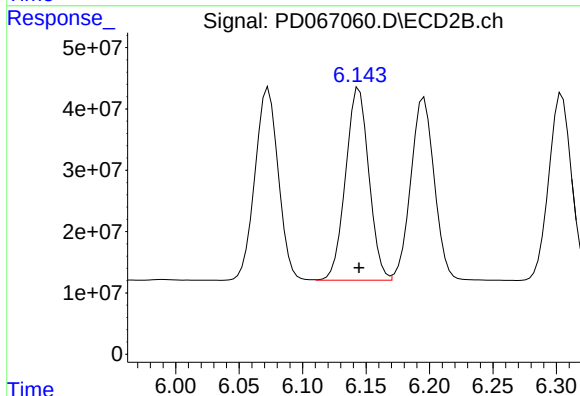
#11 alpha-Chlordane

R.T.: 5.417 min
Delta R.T.: -0.002 min
Response: 129882325
Conc: 50.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MS

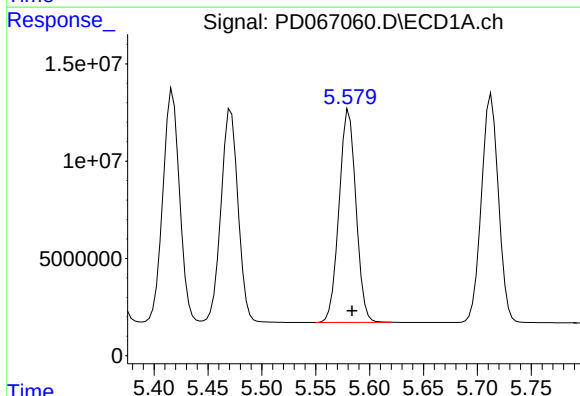
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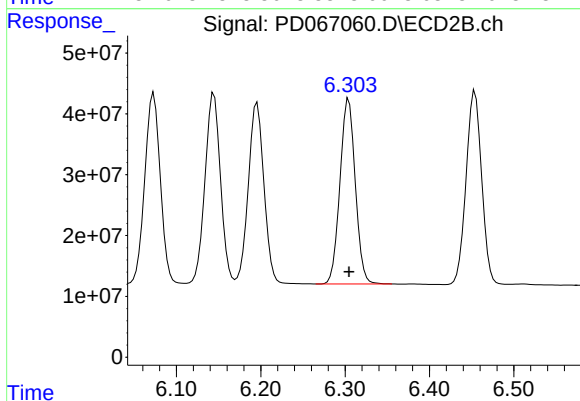
#11 alpha-Chlordane

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 400095071
Conc: 48.24 ng/ml



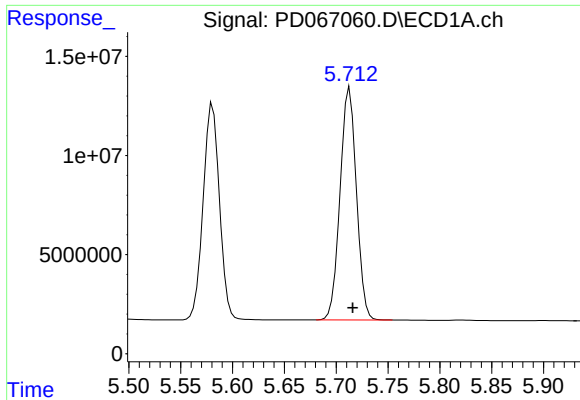
#12 4,4'-DDE

R.T.: 5.581 min
Delta R.T.: -0.003 min
Response: 119385222
Conc: 51.24 ng/ml



#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 384689132
Conc: 48.81 ng/ml



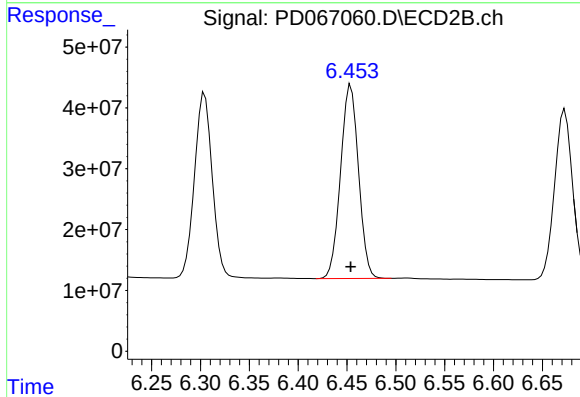
#13 Dieldrin

R.T.: 5.713 min
Delta R.T.: -0.003 min
Response: 128715148
Conc: 51.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MS

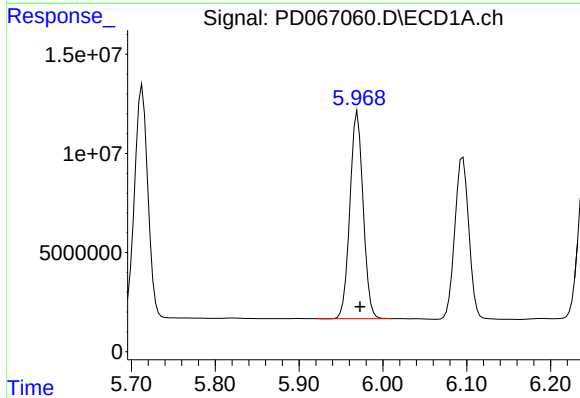
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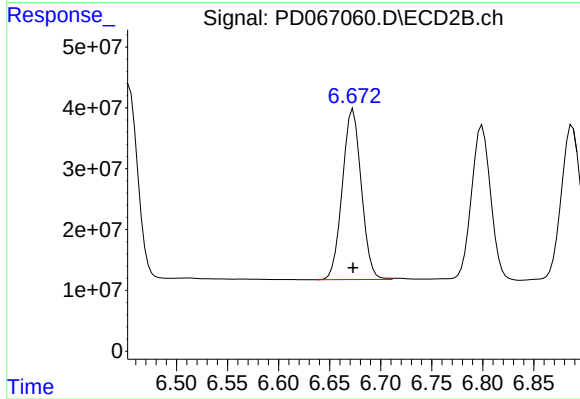
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 408268626
Conc: 49.20 ng/ml



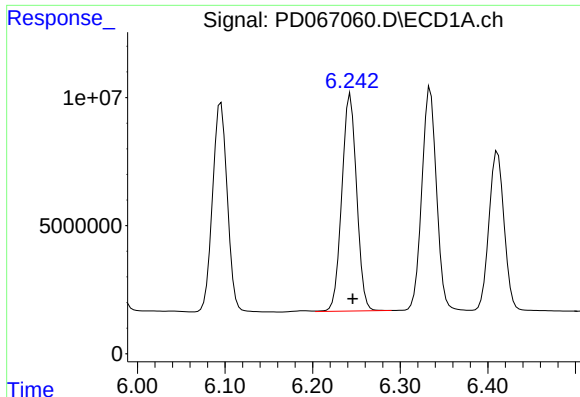
#14 Endrin

R.T.: 5.970 min
Delta R.T.: -0.003 min
Response: 114737686
Conc: 54.82 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 362137525
Conc: 52.62 ng/ml



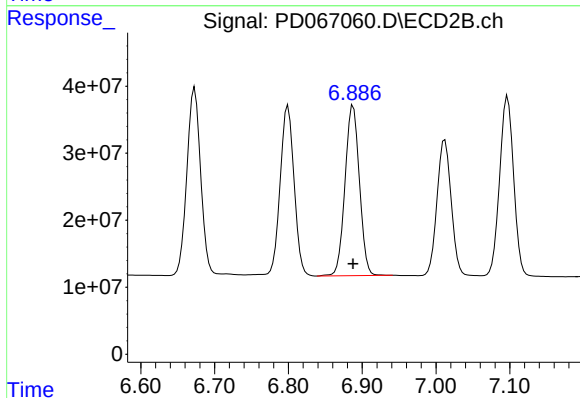
#15 Endosulfan II

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 99586582
Conc: 50.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MS

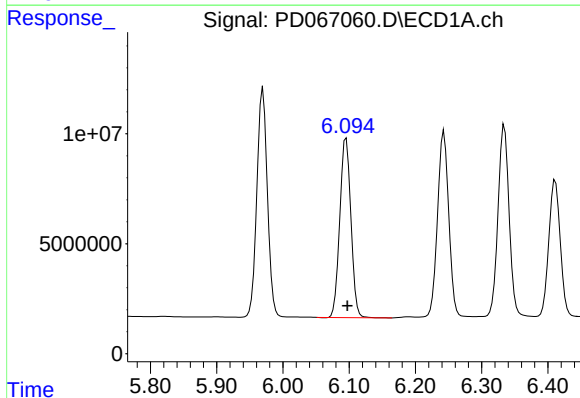
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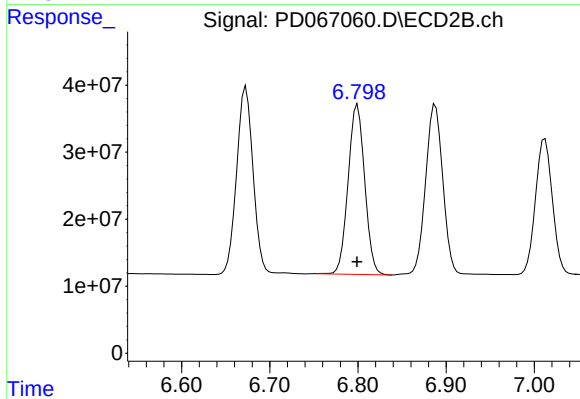
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 344518989
Conc: 48.79 ng/ml



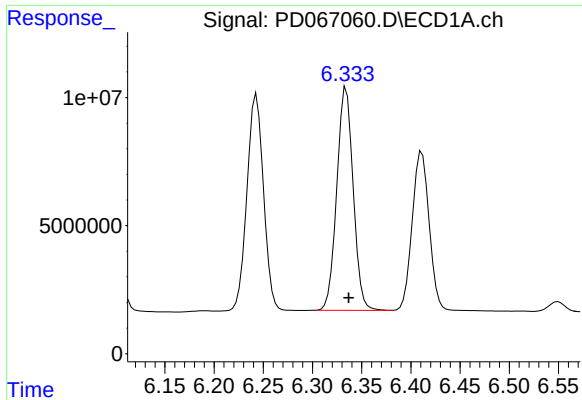
#16 4,4'-DDD

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 95233977
Conc: 50.80 ng/ml



#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 331424285
Conc: 48.77 ng/ml



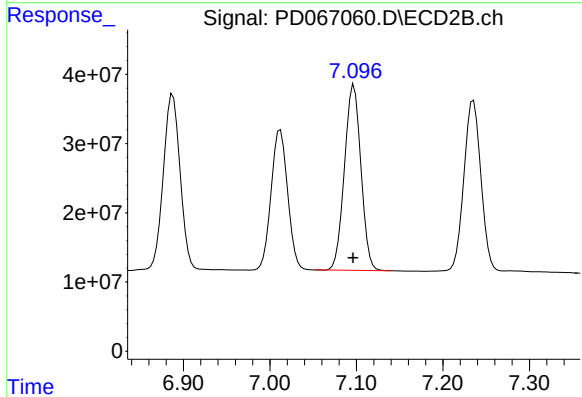
#17 4,4'-DDT

R.T.: 6.334 min
Delta R.T.: -0.002 min
Response: 100952905
Conc: 52.48 ng/ml

Instrument :
ECD_D
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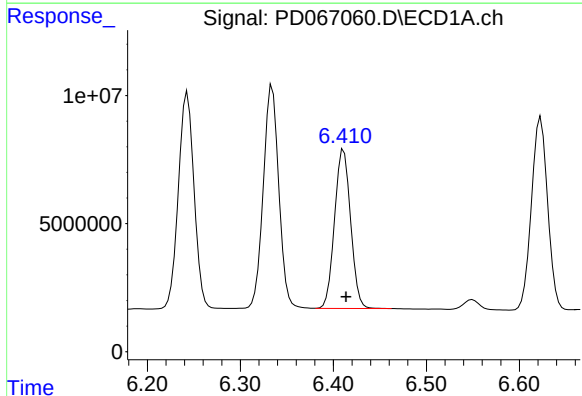
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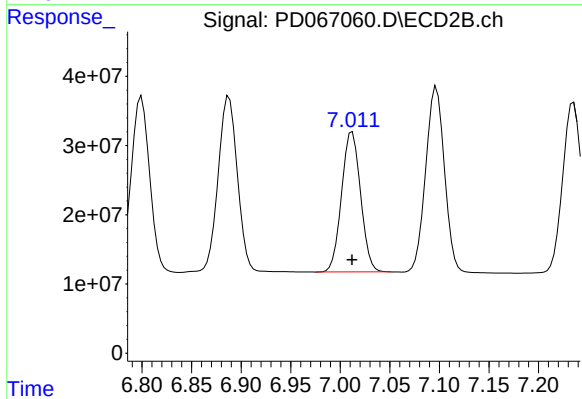
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: 0.001 min
Response: 352527295
Conc: 48.60 ng/ml



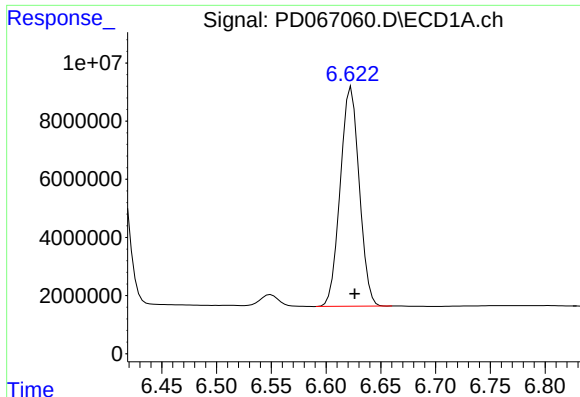
#18 Endrin aldehyde

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 74493754
Conc: 48.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 269783358
Conc: 47.43 ng/ml



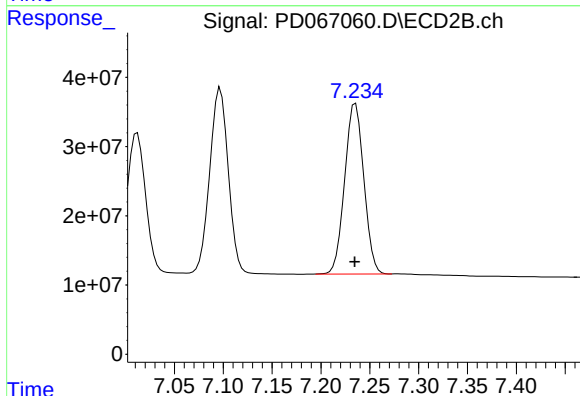
#19 Endosulfan Sulfate

R.T.: 6.623 min
Delta R.T.: -0.003 min
Response: 90942417
Conc: 48.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MS

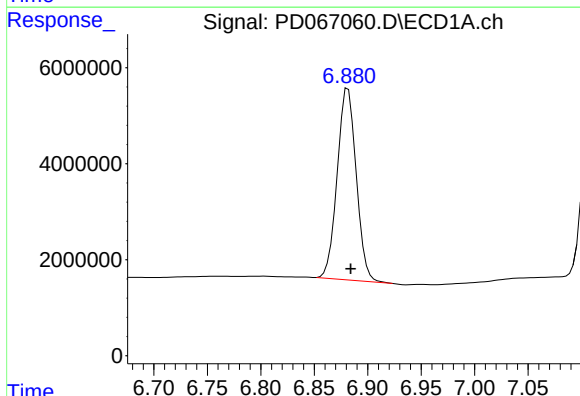
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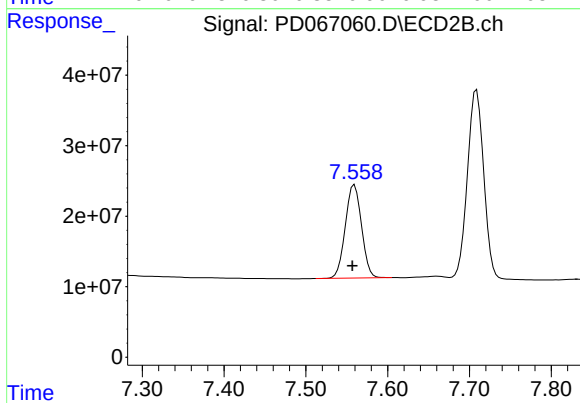
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 336338110
Conc: 46.36 ng/ml



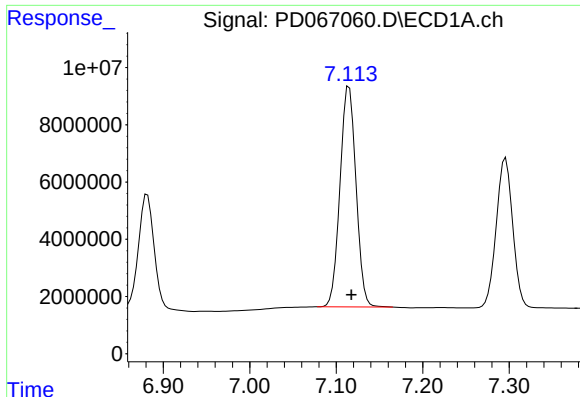
#20 Methoxychlor

R.T.: 6.882 min
Delta R.T.: -0.003 min
Response: 49400587
Conc: 47.84 ng/ml



#20 Methoxychlor

R.T.: 7.559 min
Delta R.T.: 0.002 min
Response: 181659406
Conc: 44.59 ng/ml



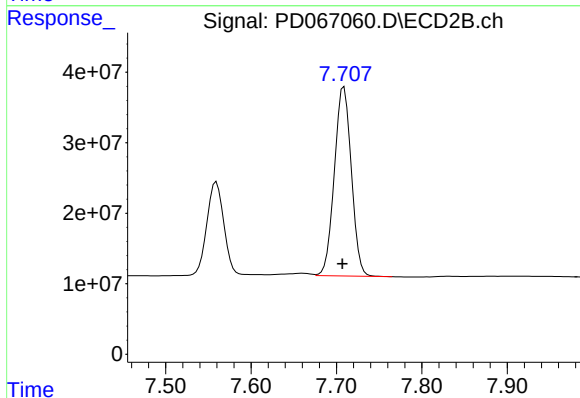
#21 Endrin ketone

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 98594337
Conc: 45.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MS

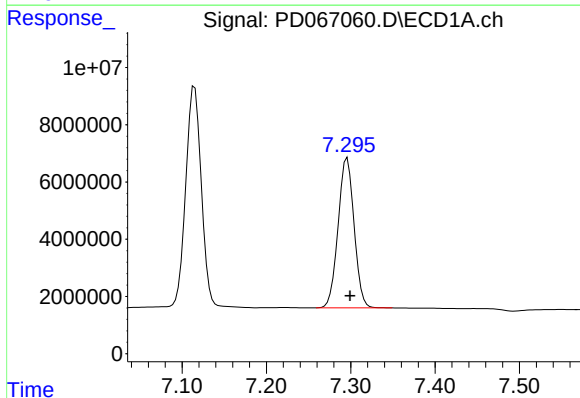
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/23/2021
Supervised By :Sohil Jodhani 11/23/2021



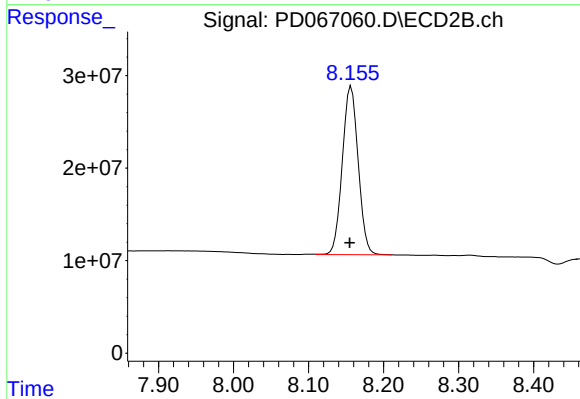
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.002 min
Response: 370619675
Conc: 44.07 ng/ml



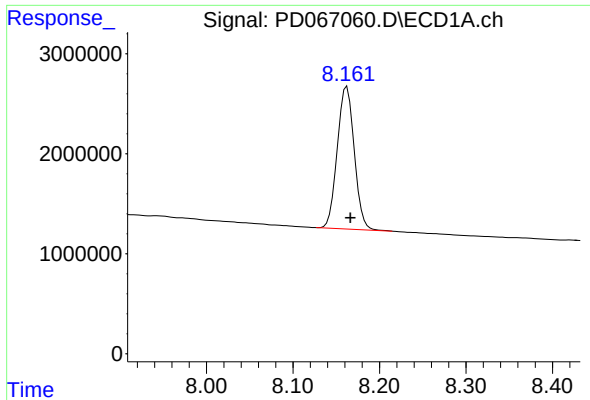
#22 Mirex

R.T.: 7.296 min
Delta R.T.: -0.003 min
Response: 68979442
Conc: 44.34 ng/ml



#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.002 min
Response: 267483115
Conc: 45.23 ng/ml



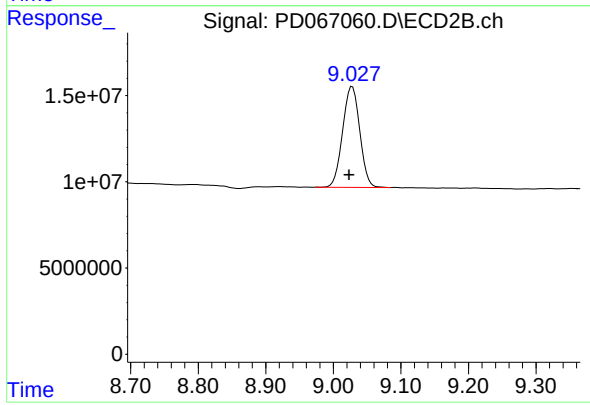
#28 Decachlorobiphenyl

R.T.: 8.162 min
Delta R.T.: -0.004 min
Response: 19335344
Conc: 16.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MS

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#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.005 min
Response: 102972488
Conc: 19.12 ng/ml