

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112221\
 Data File : PD067061.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2021 16:13
 Operator : AR\AJ
 Sample : M4770-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CC-1MSD

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 04:56:18 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...	3.438	3.967	34189122	174.9E6	18.324	21.612
28)	SA Decachlor...	8.164	9.029	19331850	103.1E6	16.732	19.132
Target Compounds							
2)	A alpha-BHC	3.874	4.360	156.3E6	575.6E6	51.109	52.175m
3)	MA gamma-BHC...	4.156	4.647	145.5E6	510.9E6	48.174	51.263
4)	MA Heptachlor	4.449	5.147	148.7E6	452.6E6	50.108	46.174
5)	MB Aldrin	4.694	5.450	144.3E6	423.9E6	50.087	46.699
6)	B beta-BHC	4.404	4.824	58984561	221.5E6	47.220	47.577
7)	B delta-BHC	4.607	5.038	140.3E6	475.3E6	52.192	51.995
8)	B Heptachlo...	5.136	5.840	131.8E6	359.7E6	50.936	49.635
9)	A Endosulfan I	5.472	6.196	121.4E6	384.9E6	51.115	48.816
10)	B gamma-Chl...	5.359	6.073	132.9E6	403.0E6	51.014	48.304
11)	B alpha-Chl...	5.418	6.145	130.3E6	402.3E6	50.767	48.507
12)	B 4,4'-DDE	5.582	6.305	119.8E6	386.4E6	51.407	49.026
13)	MA Dieldrin	5.714	6.454	129.1E6	409.0E6	51.593	49.287
14)	MA Endrin	5.971	6.674	115.2E6	370.6E6	55.026	53.846
15)	B Endosulfa...	6.244	6.888	99827014	346.0E6	50.200	49.006
16)	A 4,4'-DDD	6.096	6.800	95446111	332.8E6	50.908	48.969
17)	MA 4,4'-DDT	6.335	7.097	101.2E6	355.3E6	52.639	48.987
18)	B Endrin al...	6.412	7.013	74984325	273.0E6	48.510	47.990
19)	B Endosulfa...	6.624	7.236	90876231	338.0E6	48.829	46.596
20)	A Methoxychlor	6.882	7.560	49786144	182.7E6	48.210	44.836
21)	B Endrin ke...	7.116	7.709	99041675	372.8E6	45.389	44.325
22)	Mirex	7.297	8.158	69649154	266.0E6	44.774	44.972

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112221\
Data File : PD067061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2021 16:13
Operator : AR\AJ
Sample : M4770-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

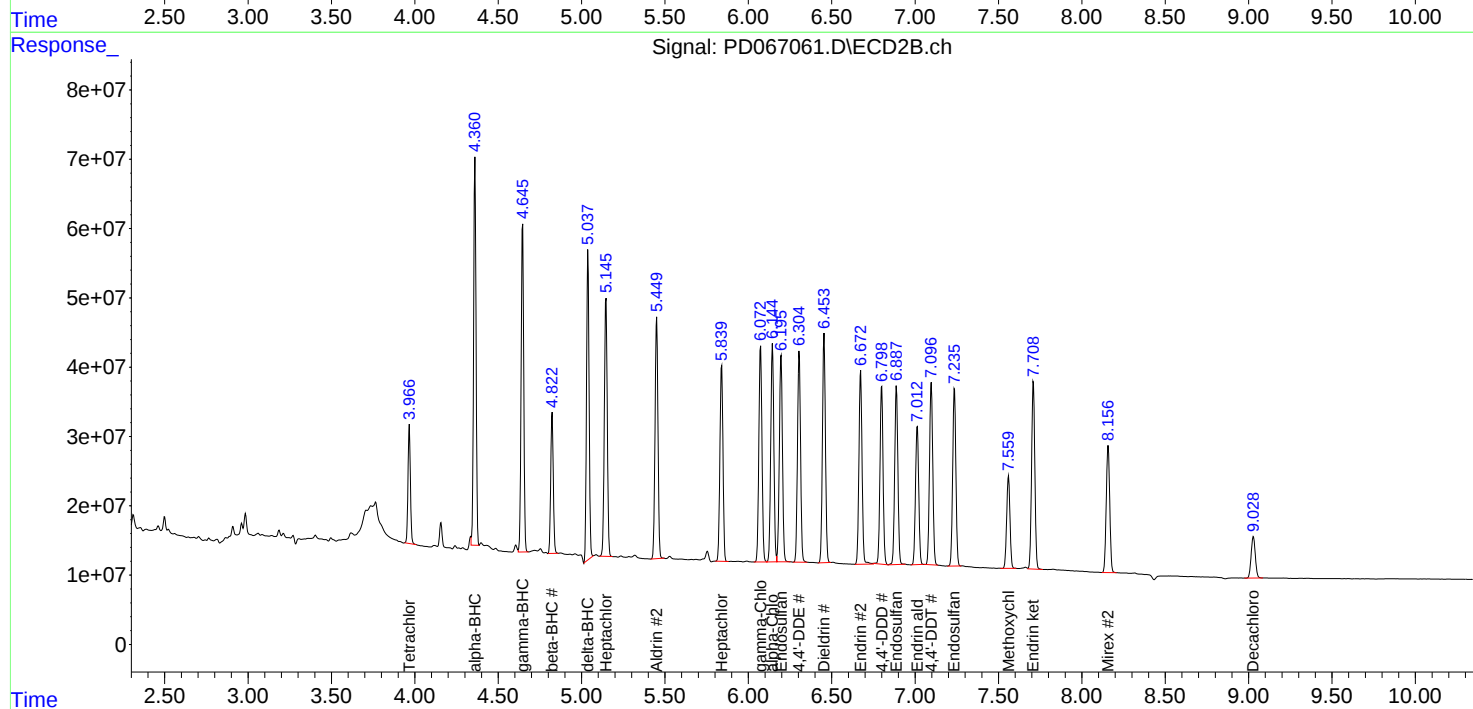
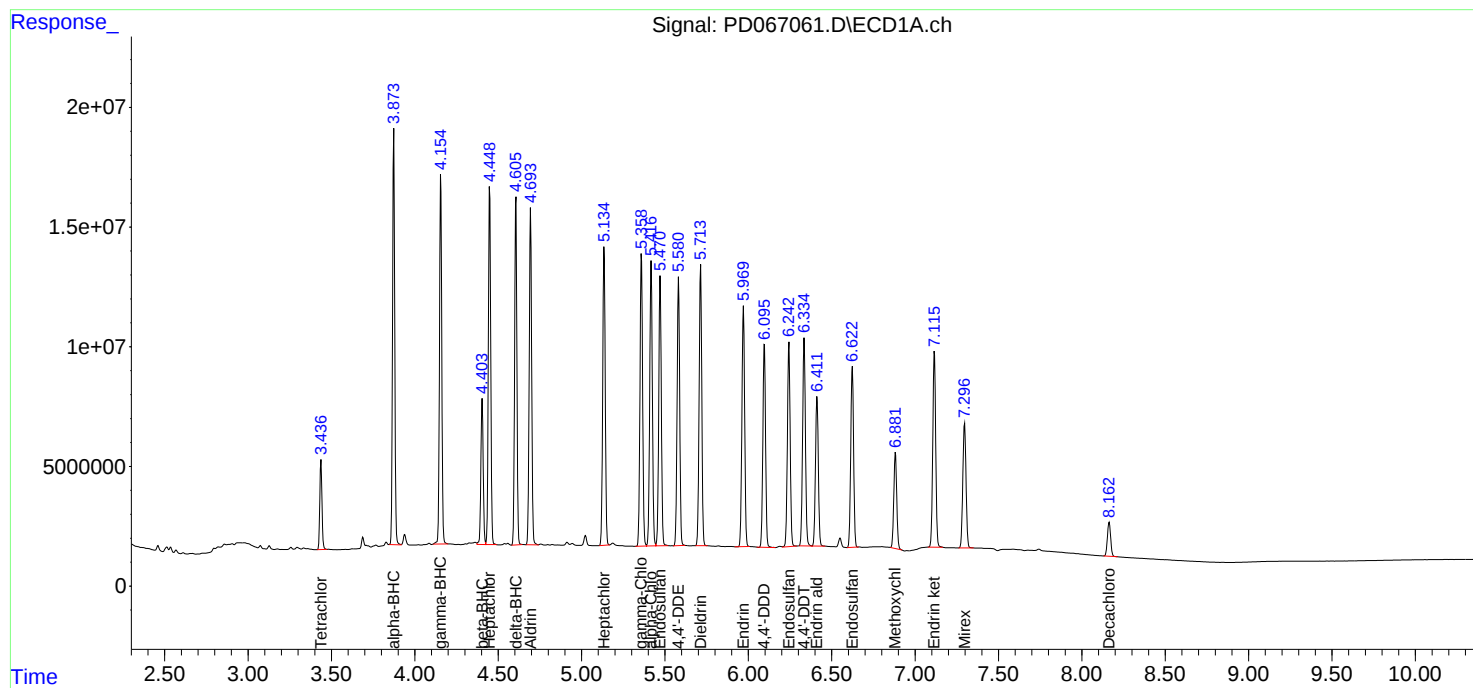
Instrument :
ECD_D
ClientSampleId :
CC-1MSD

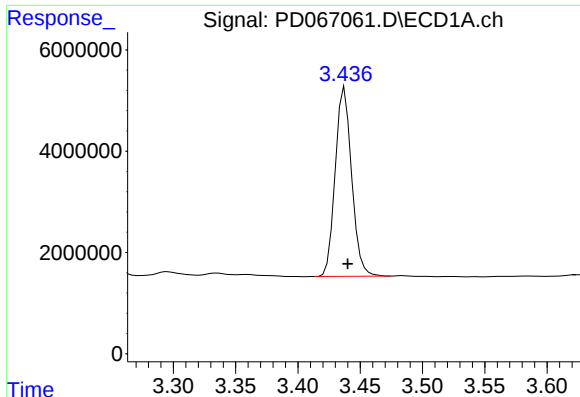
Manual Integrations
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Supervised By : Sohil Jodhani 11/23/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 04:56:18 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





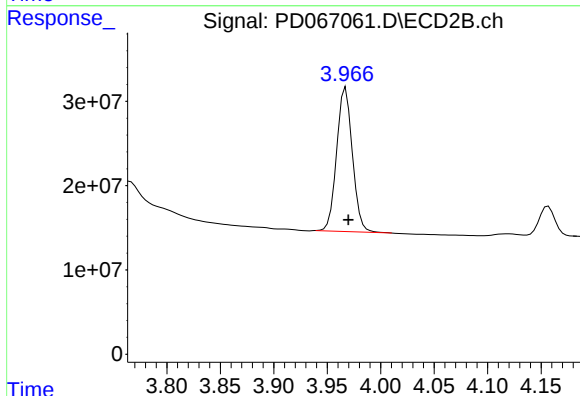
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: -0.002 min
Response: 34189122
Conc: 18.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

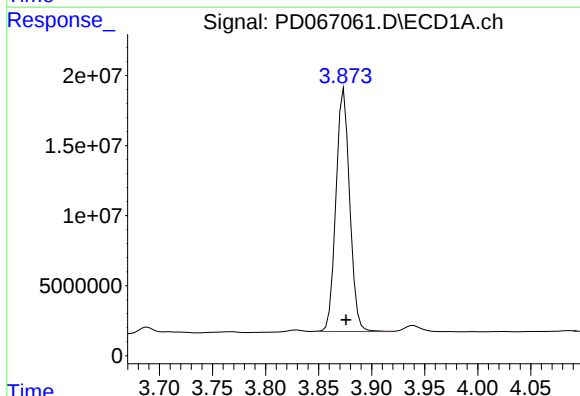
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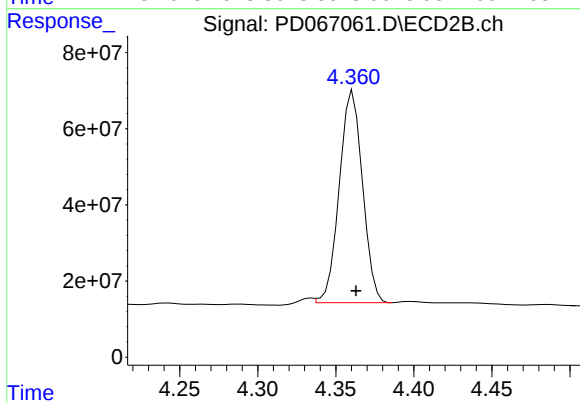
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: -0.003 min
Response: 174884880
Conc: 21.61 ng/ml



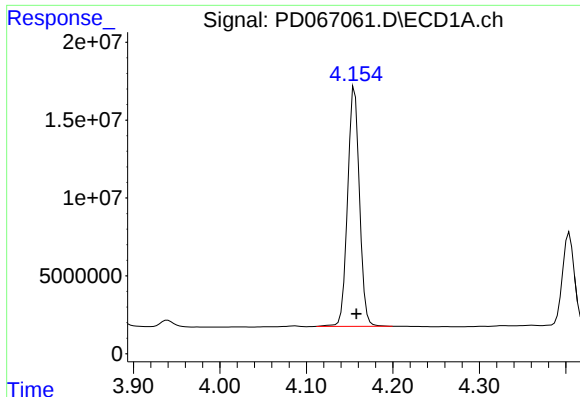
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: -0.002 min
Response: 156257930
Conc: 51.11 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: -0.003 min
Response: 575630816
Conc: 52.18 ng/ml m



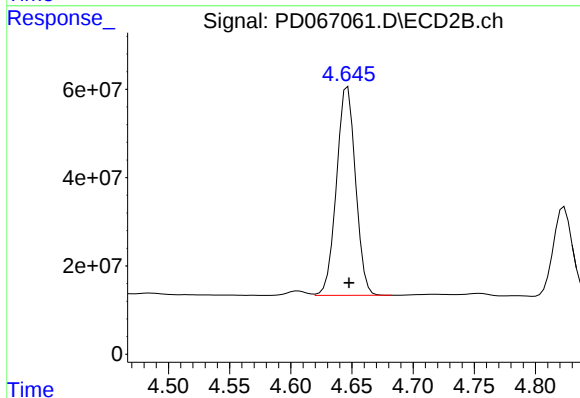
#3 gamma-BHC (Lindane)

R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 145481863
Conc: 48.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

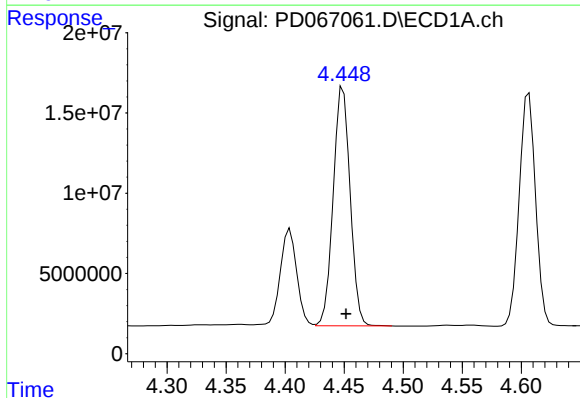
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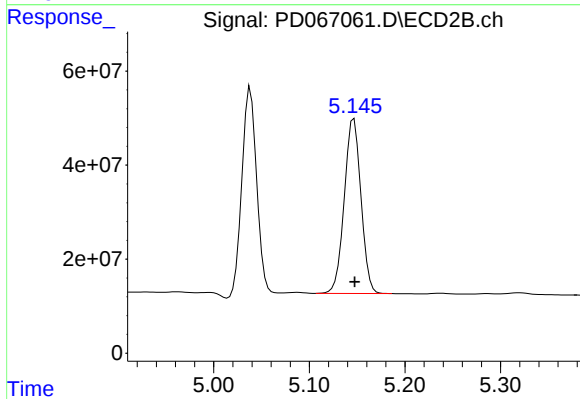
#3 gamma-BHC (Lindane)

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 510855150
Conc: 51.26 ng/ml



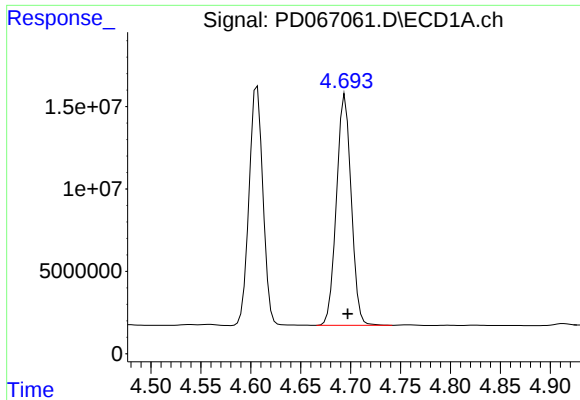
#4 Heptachlor

R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 148650135
Conc: 50.11 ng/ml



#4 Heptachlor

R.T.: 5.147 min
Delta R.T.: -0.001 min
Response: 452599759
Conc: 46.17 ng/ml



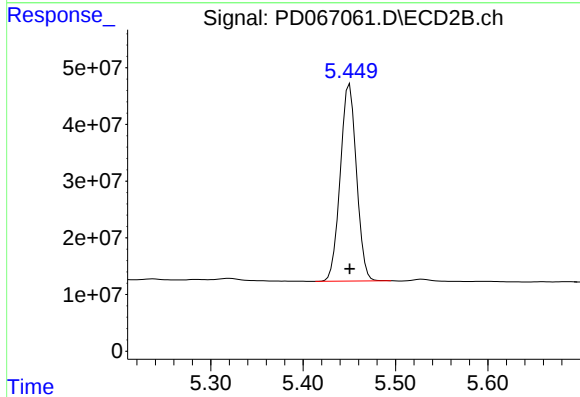
#5 Aldrin

R.T.: 4.694 min
Delta R.T.: -0.002 min
Response: 144341229
Conc: 50.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

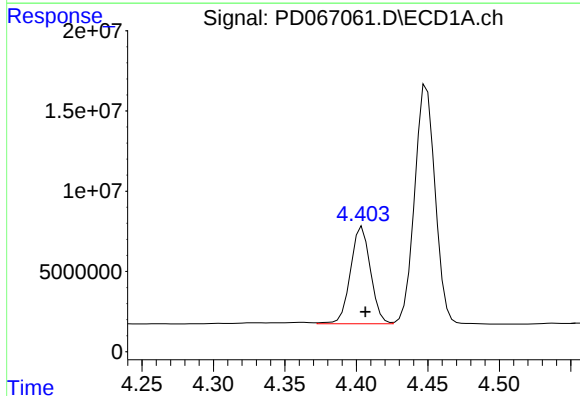
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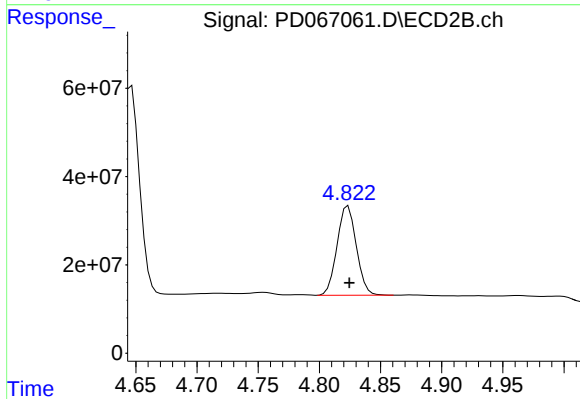
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 423919688
Conc: 46.70 ng/ml



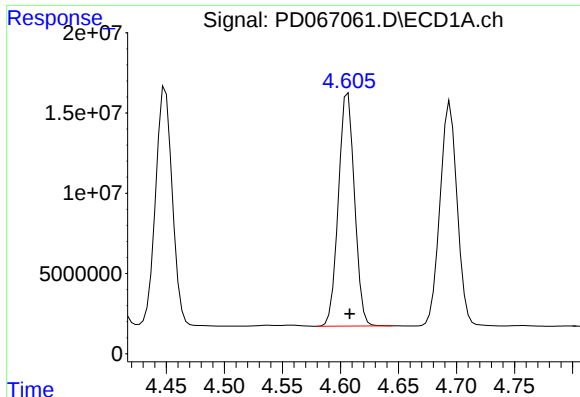
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: -0.002 min
Response: 58984561
Conc: 47.22 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: -0.001 min
Response: 221535108
Conc: 47.58 ng/ml



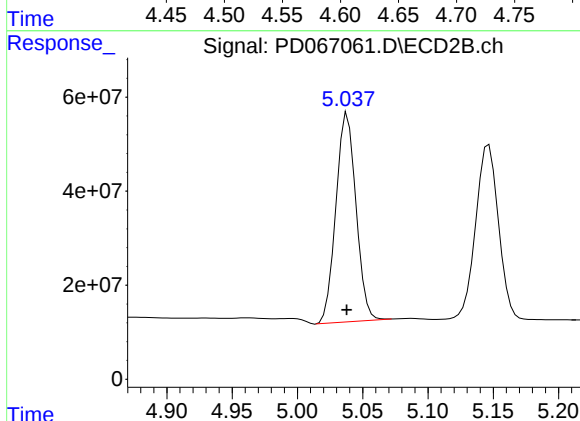
#7 delta-BHC

R.T.: 4.607 min
Delta R.T.: -0.002 min
Response: 140304097
Conc: 52.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

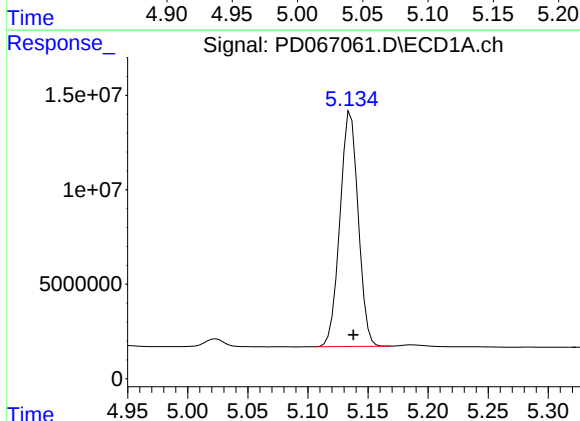
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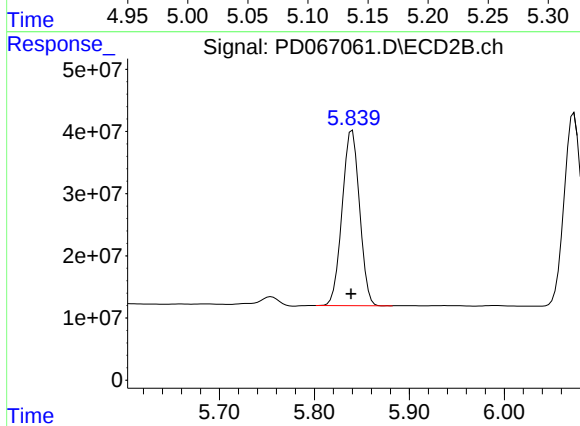
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 475254302
Conc: 52.00 ng/ml



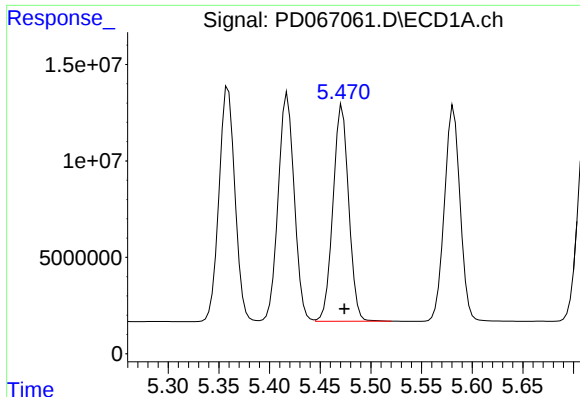
#8 Heptachlor epoxide

R.T.: 5.136 min
Delta R.T.: -0.002 min
Response: 131752776
Conc: 50.94 ng/ml



#8 Heptachlor epoxide

R.T.: 5.840 min
Delta R.T.: 0.001 min
Response: 359747856
Conc: 49.64 ng/ml



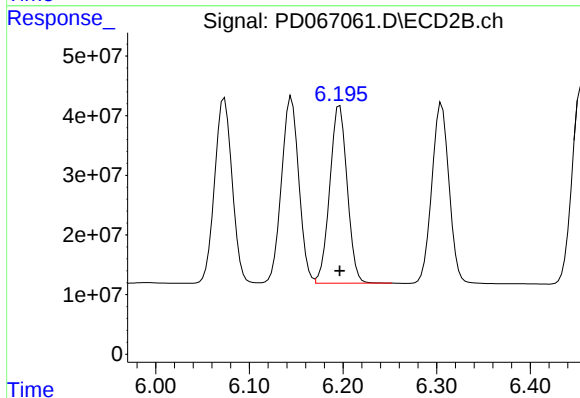
#9 Endosulfan I

R.T.: 5.472 min
Delta R.T.: -0.002 min
Response: 121387128
Conc: 51.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

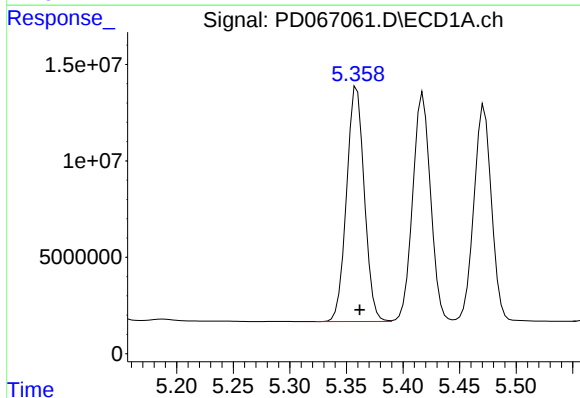
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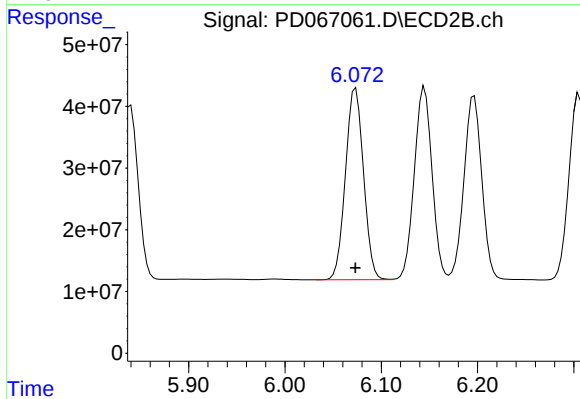
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 384908863
Conc: 48.82 ng/ml



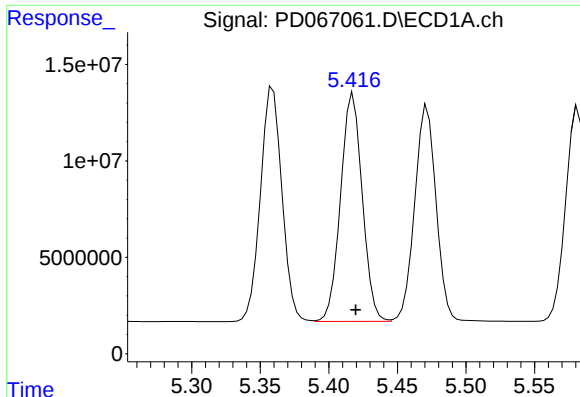
#10 gamma-Chlordane

R.T.: 5.359 min
Delta R.T.: -0.003 min
Response: 132912783
Conc: 51.01 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 403013160
Conc: 48.30 ng/ml



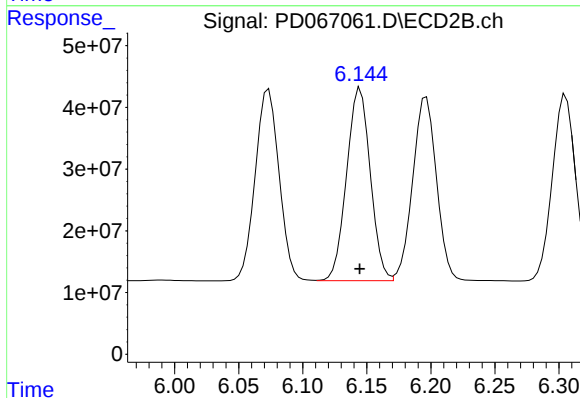
#11 alpha-Chlordane

R.T.: 5.418 min
Delta R.T.: -0.002 min
Response: 130284557
Conc: 50.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

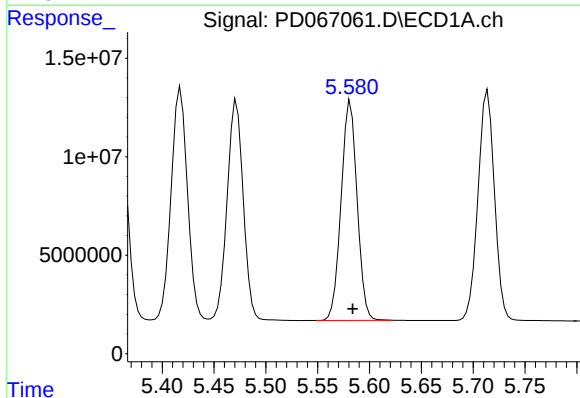
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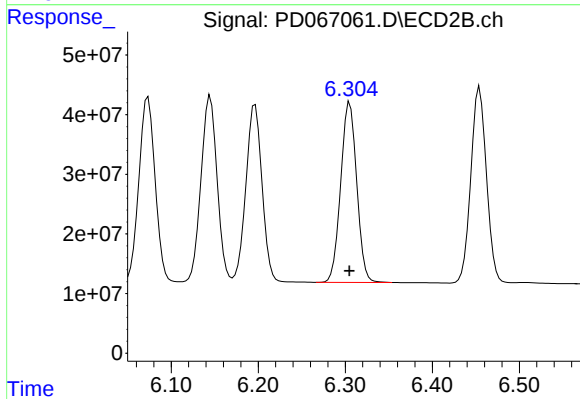
#11 alpha-Chlordane

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 402345934
Conc: 48.51 ng/ml



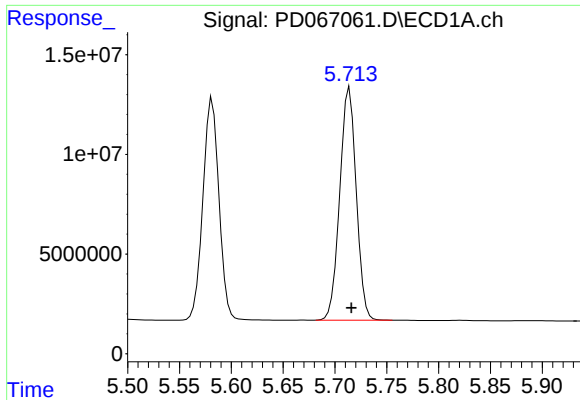
#12 4,4'-DDE

R.T.: 5.582 min
Delta R.T.: -0.002 min
Response: 119770602
Conc: 51.41 ng/ml



#12 4,4'-DDE

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 386365111
Conc: 49.03 ng/ml



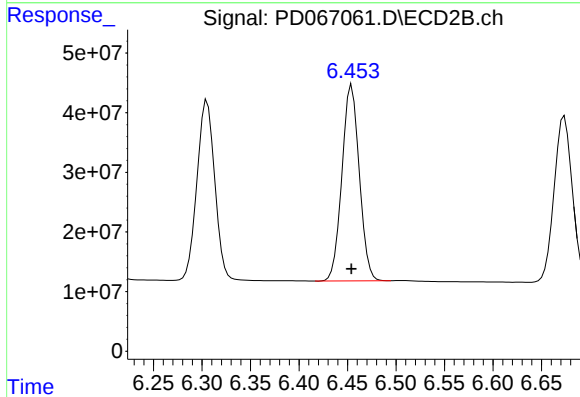
#13 Dieldrin

R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 129099501
Conc: 51.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

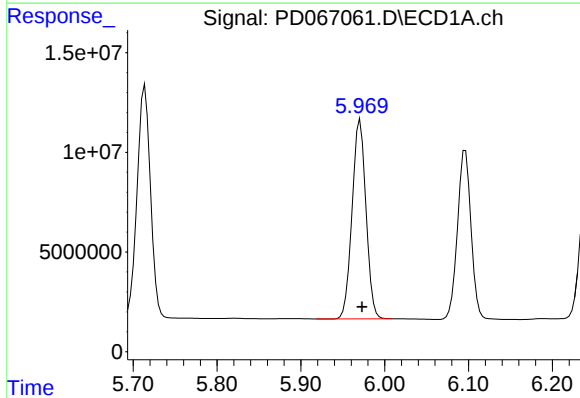
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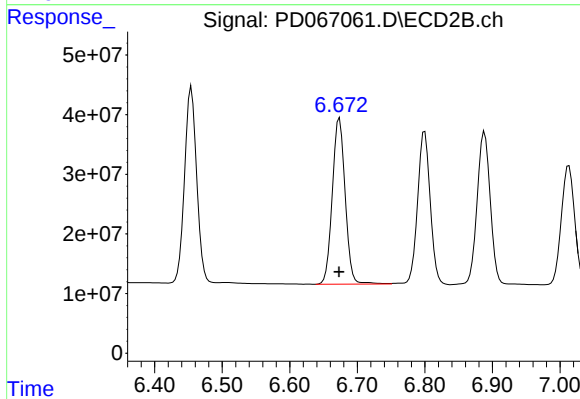
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 408961060
Conc: 49.29 ng/ml



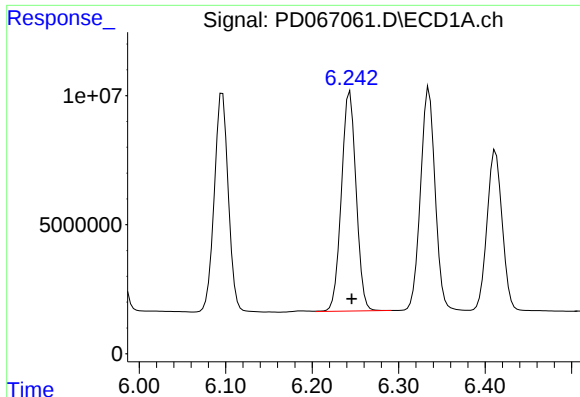
#14 Endrin

R.T.: 5.971 min
Delta R.T.: -0.002 min
Response: 115159934
Conc: 55.03 ng/ml



#14 Endrin

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 370598279
Conc: 53.85 ng/ml



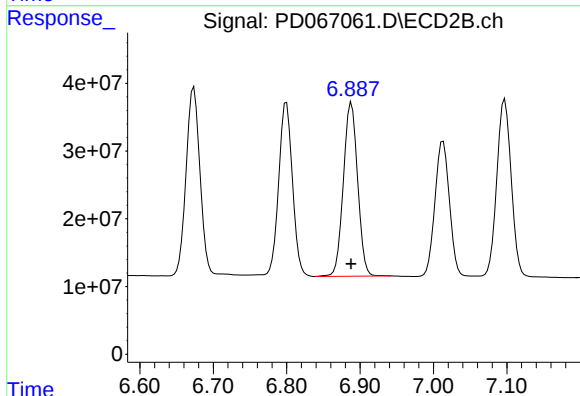
#15 Endosulfan II

R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 99827014
Conc: 50.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

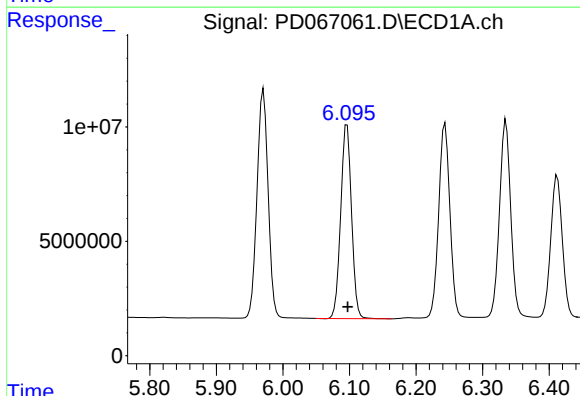
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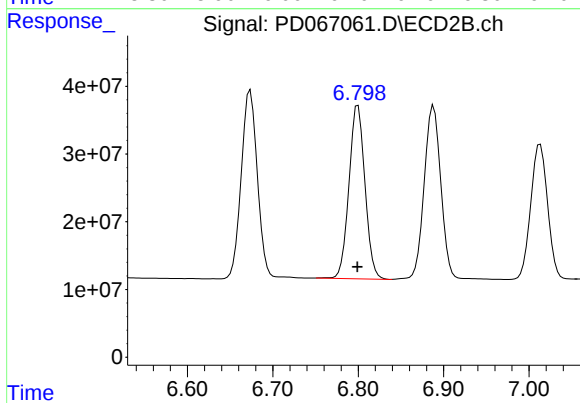
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 346009520
Conc: 49.01 ng/ml



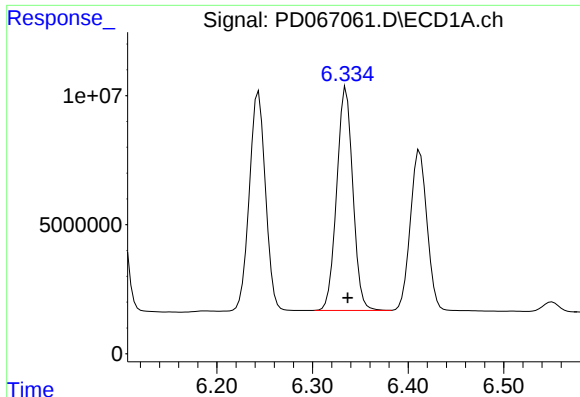
#16 4,4'-DDD

R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 95446111
Conc: 50.91 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 332758694
Conc: 48.97 ng/ml



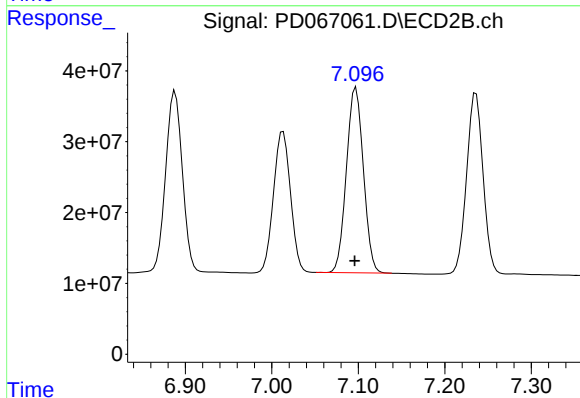
#17 4,4'-DDT

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 101249087
Conc: 52.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

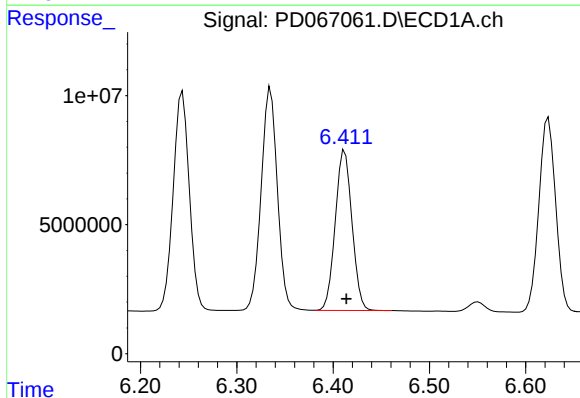
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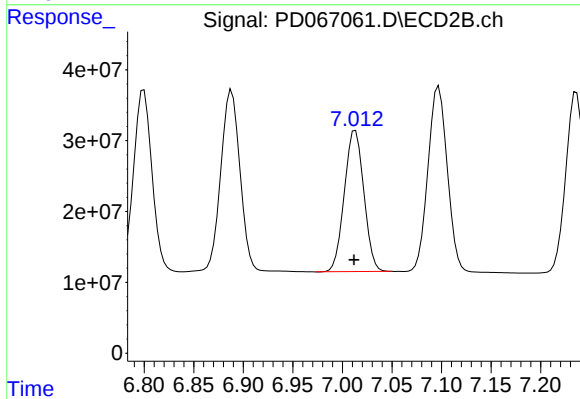
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: 0.001 min
Response: 355302335
Conc: 48.99 ng/ml



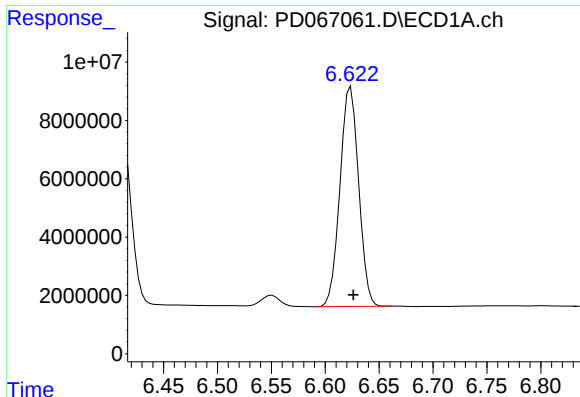
#18 Endrin aldehyde

R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 74984325
Conc: 48.51 ng/ml



#18 Endrin aldehyde

R.T.: 7.013 min
Delta R.T.: 0.001 min
Response: 272969313
Conc: 47.99 ng/ml



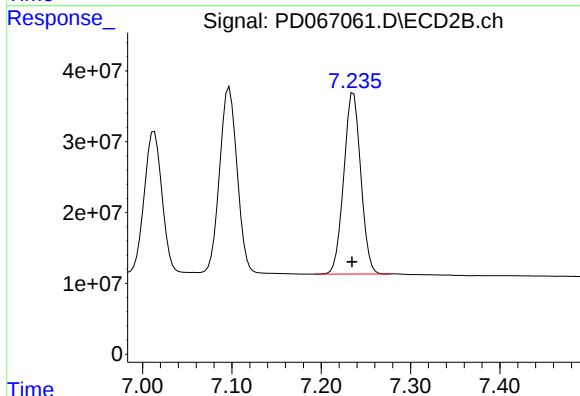
#19 Endosulfan Sulfate

R.T.: 6.624 min
Delta R.T.: -0.002 min
Response: 90876231
Conc: 48.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

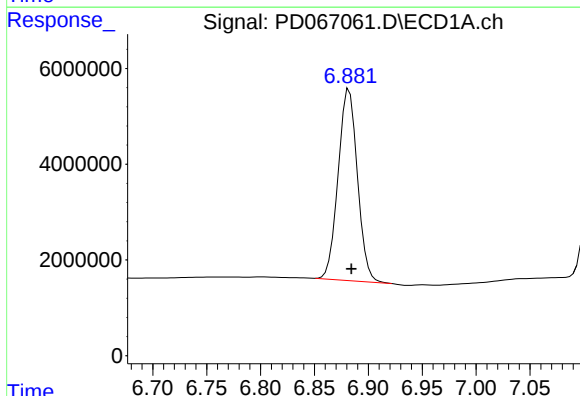
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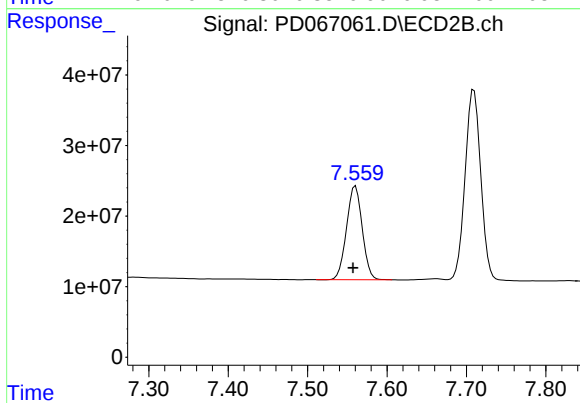
#19 Endosulfan Sulfate

R.T.: 7.236 min
Delta R.T.: 0.002 min
Response: 338017183
Conc: 46.60 ng/ml



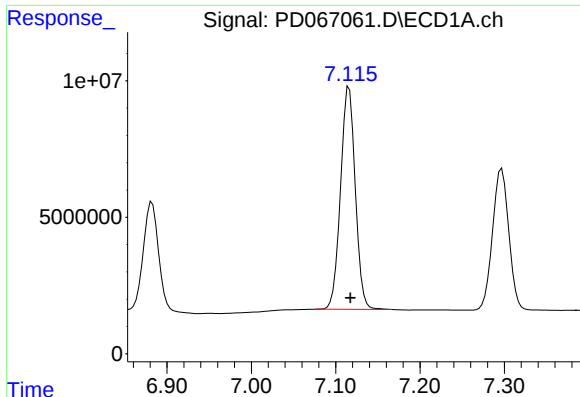
#20 Methoxychlor

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 49786144
Conc: 48.21 ng/ml



#20 Methoxychlor

R.T.: 7.560 min
Delta R.T.: 0.003 min
Response: 182651191
Conc: 44.84 ng/ml



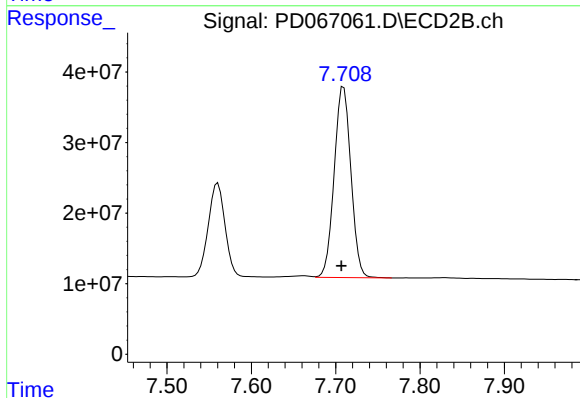
#21 Endrin ketone

R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 99041675
Conc: 45.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

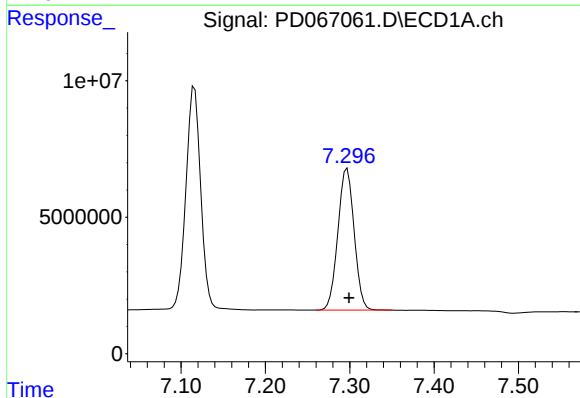
Manual Integrations
APPROVED

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



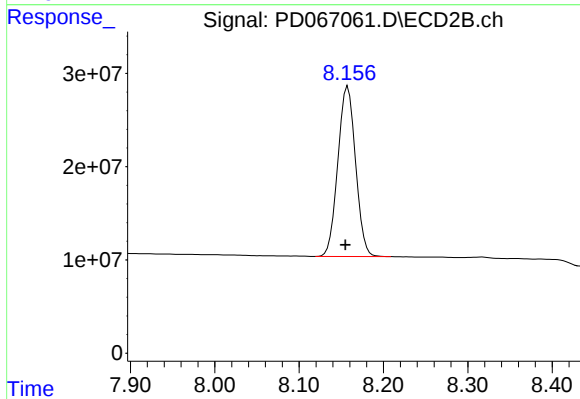
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.002 min
Response: 372766550
Conc: 44.33 ng/ml



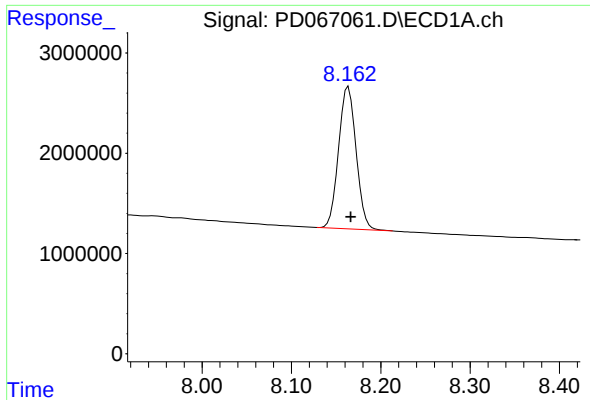
#22 Mirex

R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 69649154
Conc: 44.77 ng/ml



#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.003 min
Response: 265983582
Conc: 44.97 ng/ml



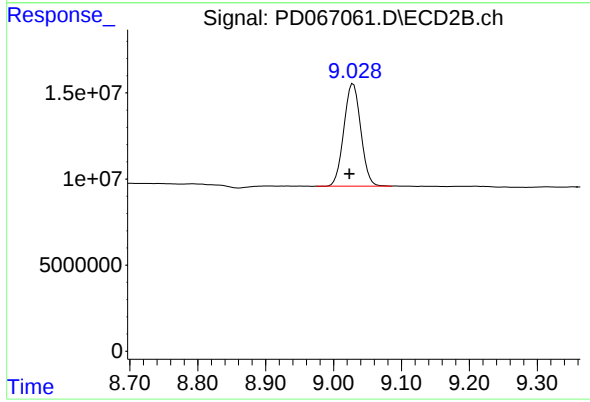
#28 Decachlorobiphenyl

R.T.: 8.164 min
Delta R.T.: -0.003 min
Response: 19331850
Conc: 16.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC-1MSD

Manual Integrations
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Supervised By :Sohil Jodhani 11/23/2021



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.006 min
Response: 103054092
Conc: 19.13 ng/ml