

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010722\
 Data File : PD067632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2022 10:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/10/2022
 Supervised By : Ankita Jodhani 01/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 06:09:38 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...	3.431	3.960	87231869	326.5E6	48.002	49.490
28)	SA Decachlor...	8.153	9.013	37564356	207.9E6	42.288	43.745
Target Compounds							
2)	A alpha-BHC	3.867	4.354	140.9E6	457.4E6	48.861	49.302
3)	MA gamma-BHC...	4.149	4.639	128.0E6	417.3E6	48.114	49.510
4)	MA Heptachlor	4.441	5.138	129.2E6	378.7E6	47.505	49.356
5)	MB Aldrin	4.686	5.441	134.2E6	363.3E6	48.502	49.001
6)	B beta-BHC	4.398	4.817	52332332	189.8E6	47.618	48.666
7)	B delta-BHC	4.599	5.032	127.1E6	409.3E6	49.246	54.619
8)	B Heptachlo...	5.126	5.830	119.1E6	295.5E6	48.318	55.367
9)	A Endosulfan I	5.463	6.187	106.7E6	297.7E6	47.944	49.181
10)	B gamma-Chl...	5.351	6.064	117.7E6	319.3E6	47.594	49.212
11)	B alpha-Chl...	5.409	6.136	116.1E6	315.2E6	47.998	48.617
12)	B 4,4'-DDE	5.572	6.296	107.4E6	310.9E6	48.521	50.479
13)	MA Dieldrin	5.705	6.445	116.5E6	326.2E6	48.243	49.098
14)	MA Endrin	5.961	6.664	94728886	263.9E6	45.095	47.608
15)	B Endosulfa...	6.235	6.878	92057073	279.7E6	45.905	47.062
16)	A 4,4'-DDD	6.087	6.790	86049775	261.0E6	50.087	52.146
17)	MA 4,4'-DDT	6.323	7.087	82986635	262.1E6	50.787m	48.985
18)	B Endrin al...	6.403	7.004	68738169	218.5E6	45.235	48.424
19)	B Endosulfa...	6.615	7.226	78763458	266.9E6	48.786	48.827
20)	A Methoxychlor	6.873	7.550	41873068	144.0E6	49.327	49.637
21)	B Endrin ke...	7.106	7.699	85734215	306.4E6	50.095	48.829
22)	Mirex	7.286	8.145	57005592	203.7E6	47.659	46.900

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010722\
 Data File : PD067632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2022 10:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

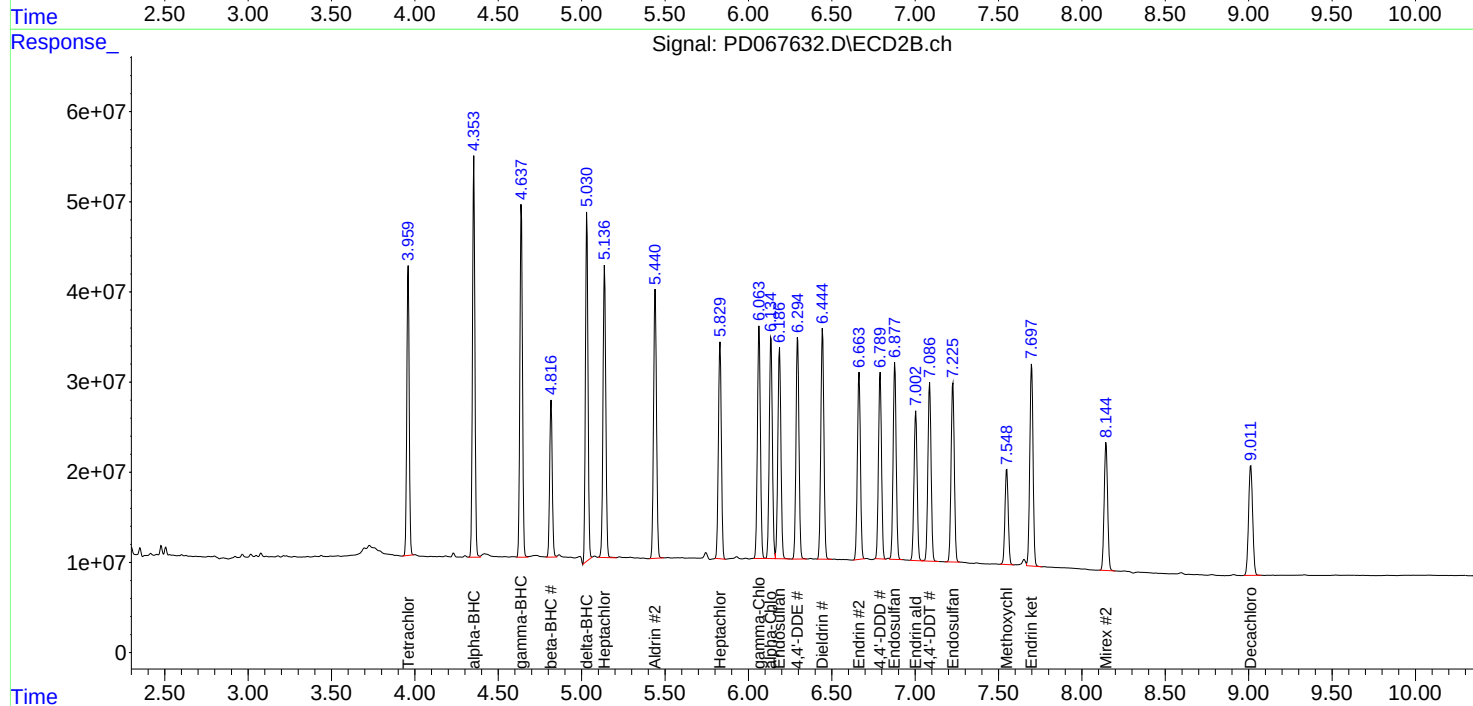
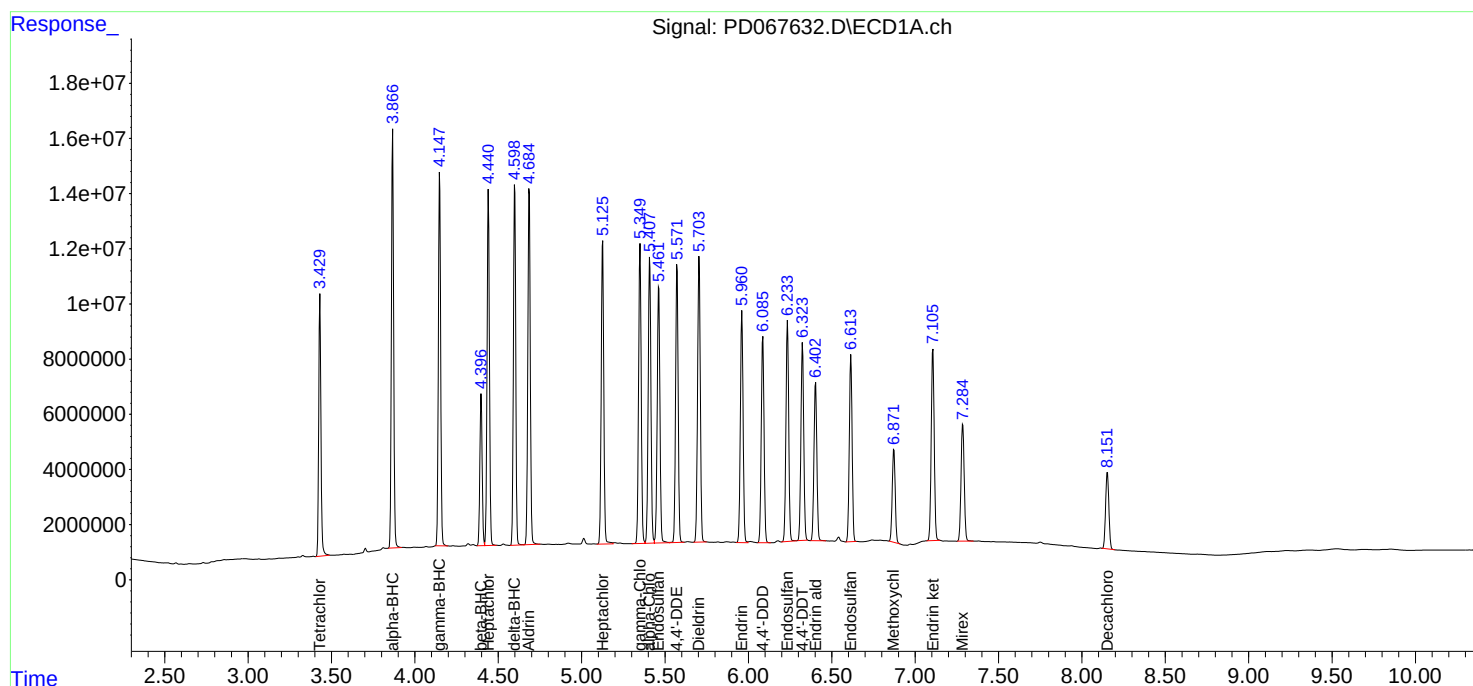
Instrument :
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 ClientSampleId :
 PSTDCCC050

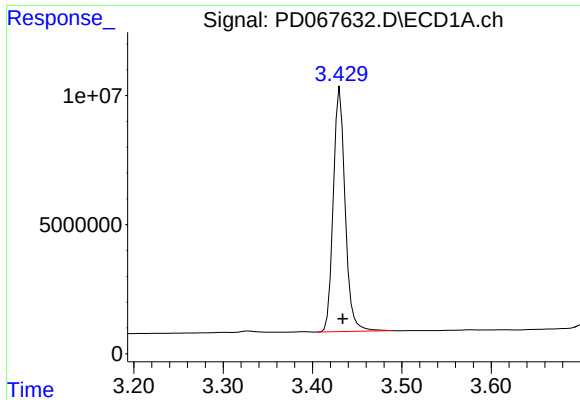
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 06:09:38 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





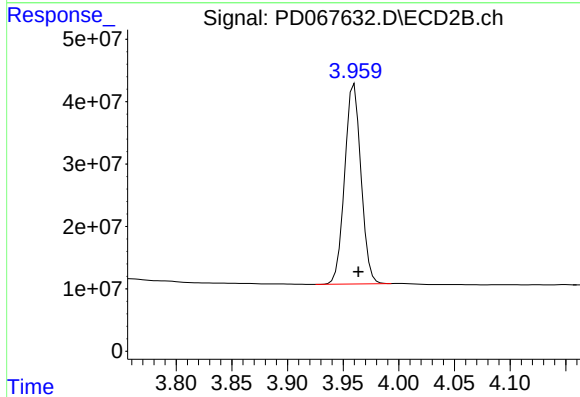
#1 Tetrachloro-m-xylene

R.T.: 3.431 min
Delta R.T.: -0.003 min
Response: 87231869
Conc: 48.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

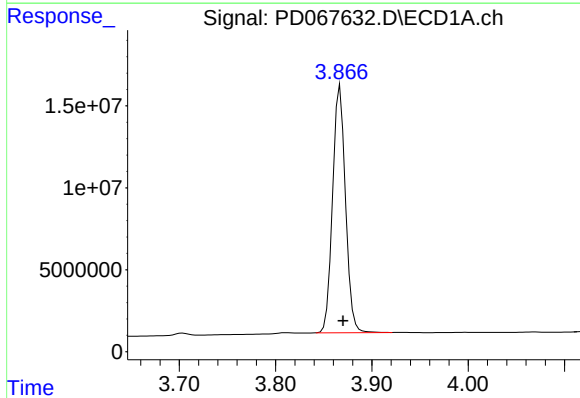
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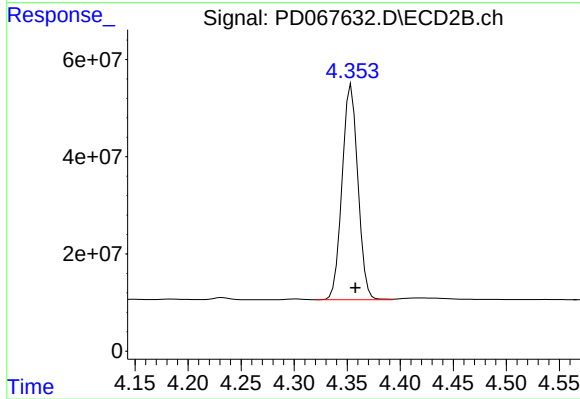
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 326546688
Conc: 49.49 ng/ml



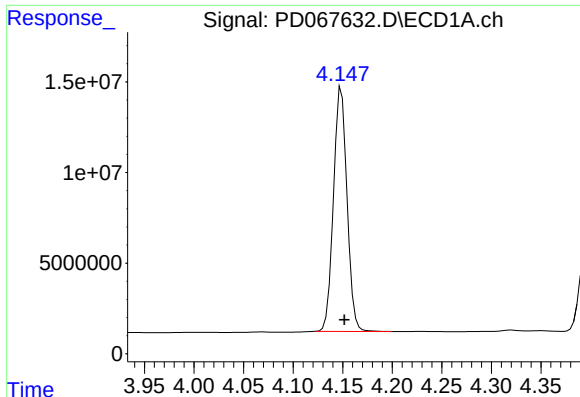
#2 alpha-BHC

R.T.: 3.867 min
Delta R.T.: -0.003 min
Response: 140917834
Conc: 48.86 ng/ml



#2 alpha-BHC

R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 457435157
Conc: 49.30 ng/ml



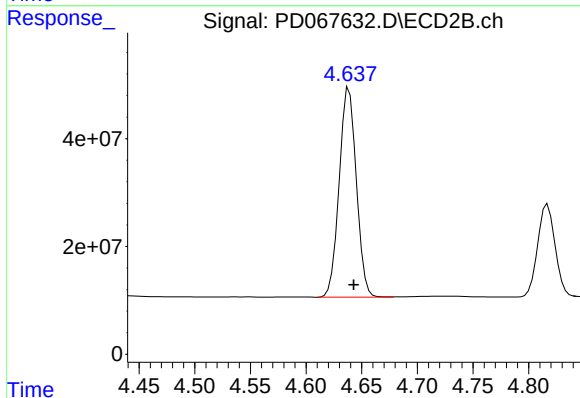
#3 gamma-BHC (Lindane)

R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 127966037
Conc: 48.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

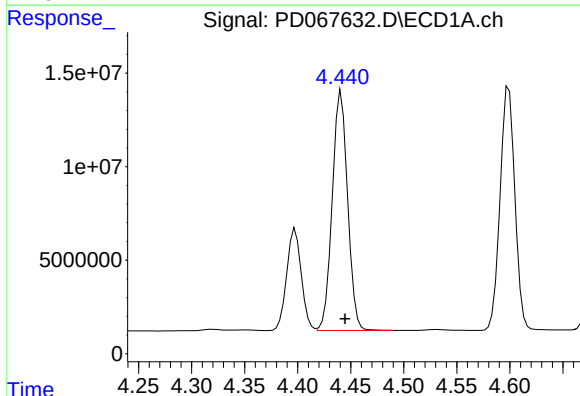
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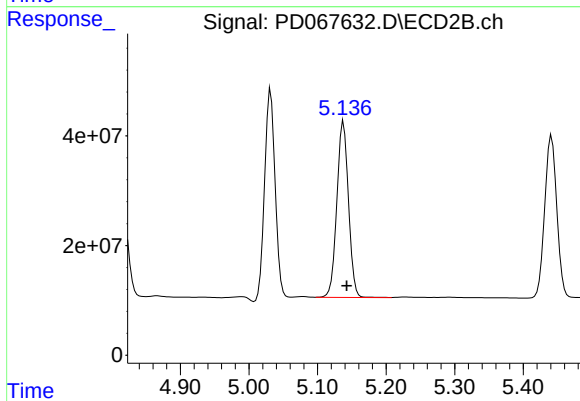
#3 gamma-BHC (Lindane)

R.T.: 4.639 min
Delta R.T.: -0.004 min
Response: 417260527
Conc: 49.51 ng/ml



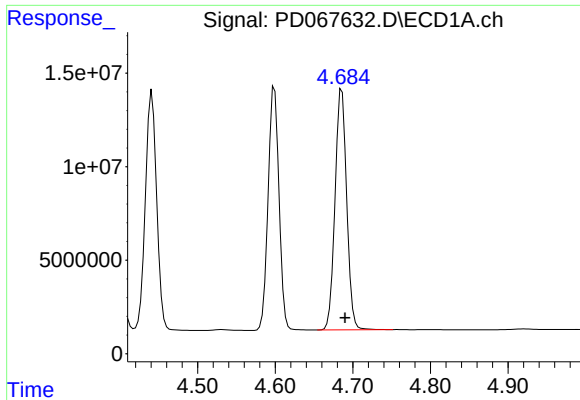
#4 Heptachlor

R.T.: 4.441 min
Delta R.T.: -0.004 min
Response: 129186450
Conc: 47.50 ng/ml



#4 Heptachlor

R.T.: 5.138 min
Delta R.T.: -0.005 min
Response: 378659174
Conc: 49.36 ng/ml



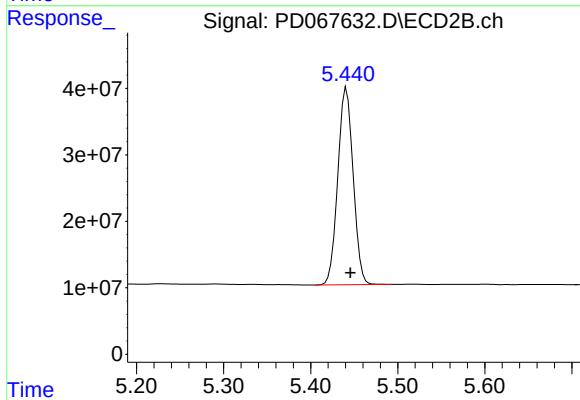
#5 Aldrin

R.T.: 4.686 min
Delta R.T.: -0.004 min
Response: 134247029
Conc: 48.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

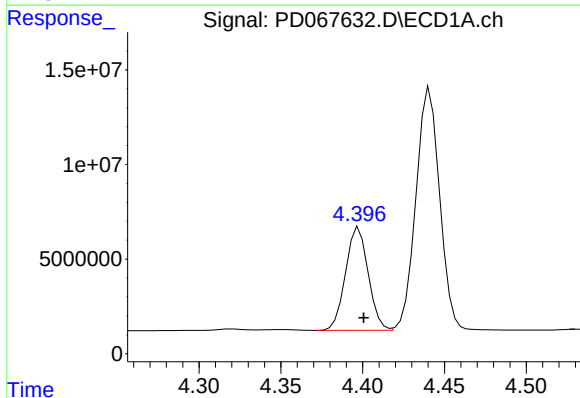
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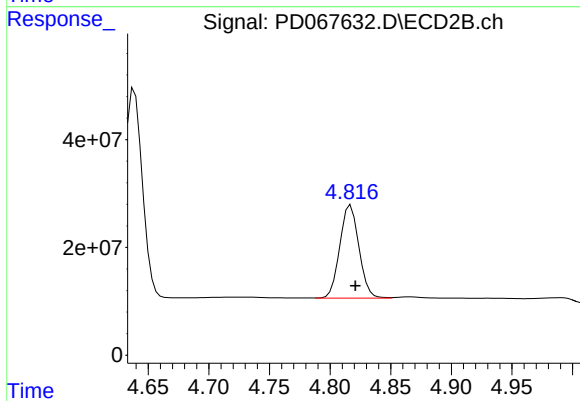
#5 Aldrin

R.T.: 5.441 min
Delta R.T.: -0.004 min
Response: 363338792
Conc: 49.00 ng/ml



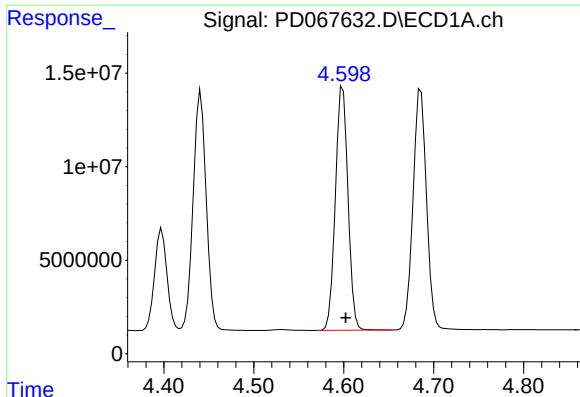
#6 beta-BHC

R.T.: 4.398 min
Delta R.T.: -0.003 min
Response: 52332332
Conc: 47.62 ng/ml



#6 beta-BHC

R.T.: 4.817 min
Delta R.T.: -0.004 min
Response: 189762946
Conc: 48.67 ng/ml



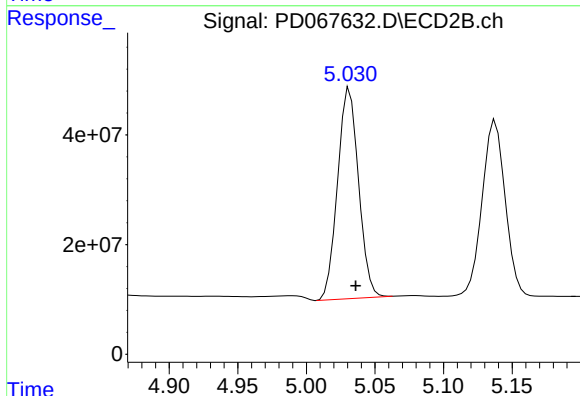
#7 delta-BHC

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 127072486
Conc: 49.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

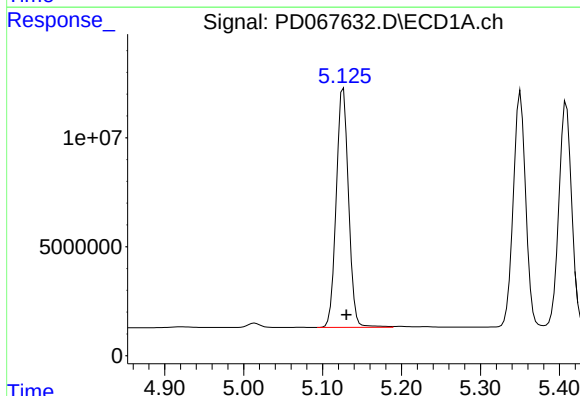
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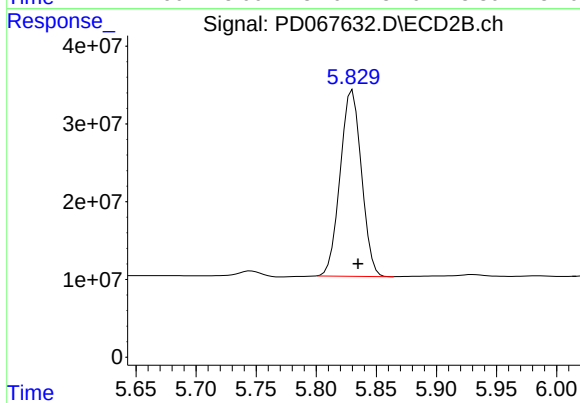
#7 delta-BHC

R.T.: 5.032 min
Delta R.T.: -0.004 min
Response: 409337106
Conc: 54.62 ng/ml



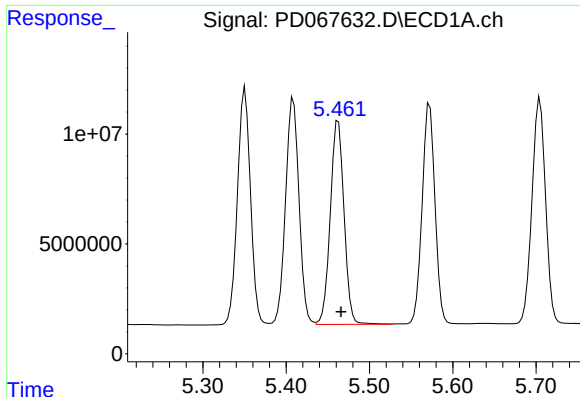
#8 Heptachlor epoxide

R.T.: 5.126 min
Delta R.T.: -0.004 min
Response: 119067978
Conc: 48.32 ng/ml



#8 Heptachlor epoxide

R.T.: 5.830 min
Delta R.T.: -0.005 min
Response: 295532421
Conc: 55.37 ng/ml



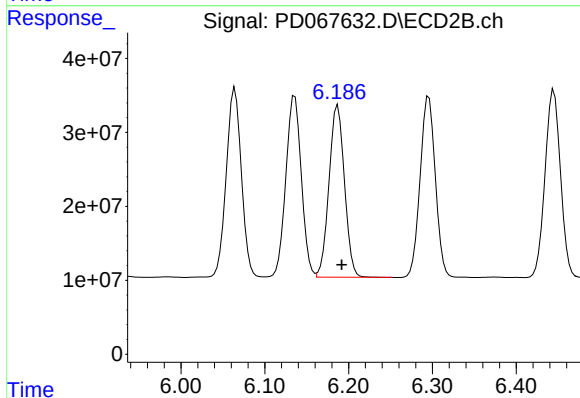
#9 Endosulfan I

R.T.: 5.463 min
Delta R.T.: -0.004 min
Response: 106671791
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

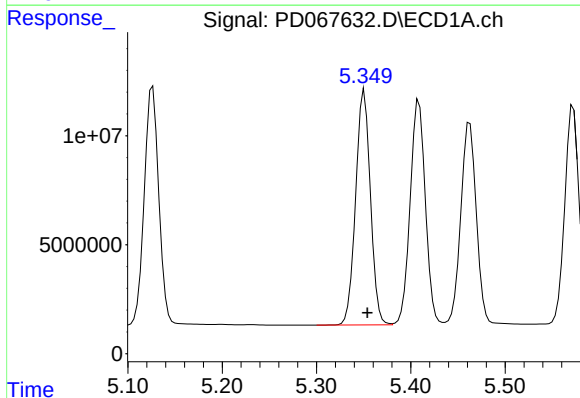
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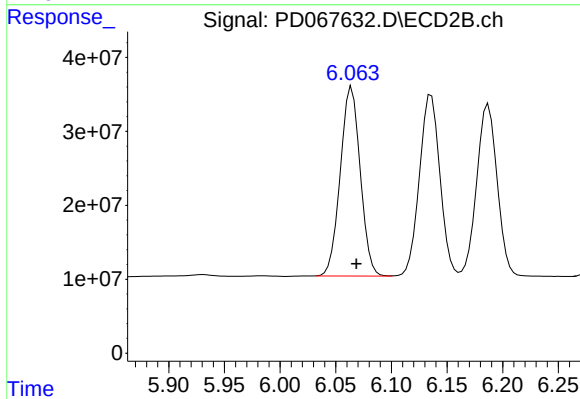
#9 Endosulfan I

R.T.: 6.187 min
Delta R.T.: -0.005 min
Response: 297740622
Conc: 49.18 ng/ml



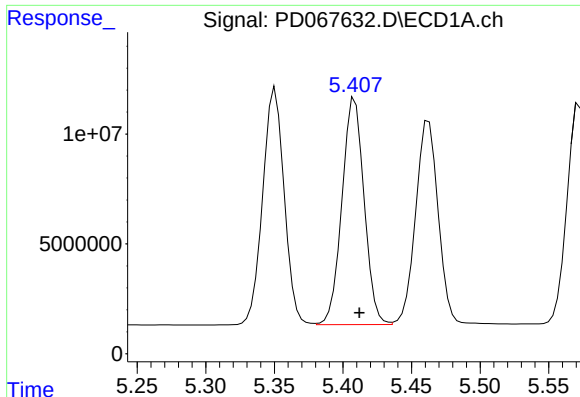
#10 gamma-Chlordane

R.T.: 5.351 min
Delta R.T.: -0.003 min
Response: 117663216
Conc: 47.59 ng/ml



#10 gamma-Chlordane

R.T.: 6.064 min
Delta R.T.: -0.004 min
Response: 319253059
Conc: 49.21 ng/ml



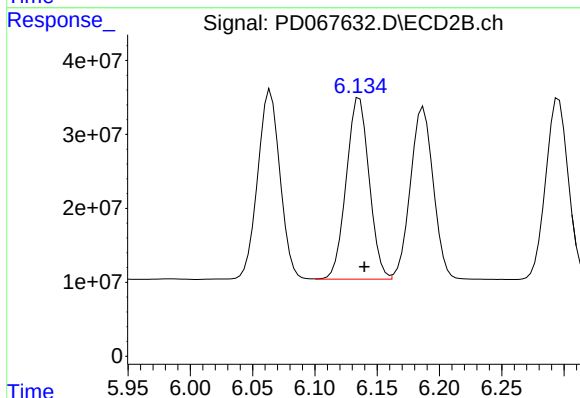
#11 alpha-Chlordane

R.T.: 5.409 min
Delta R.T.: -0.003 min
Response: 116052737
Conc: 48.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

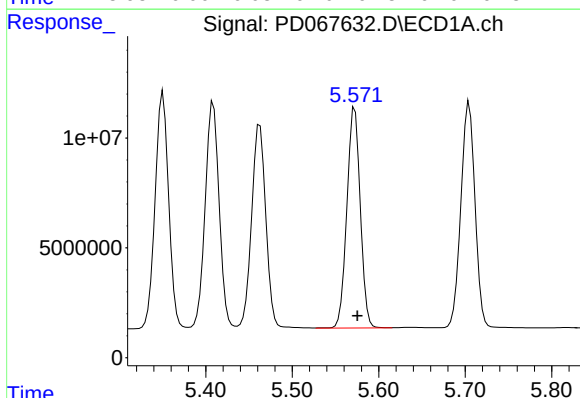
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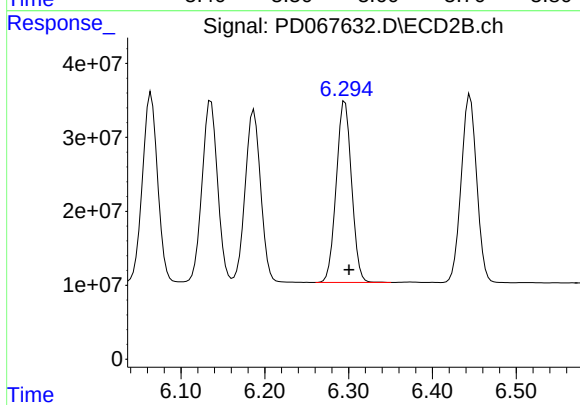
#11 alpha-Chlordane

R.T.: 6.136 min
Delta R.T.: -0.004 min
Response: 315158536
Conc: 48.62 ng/ml



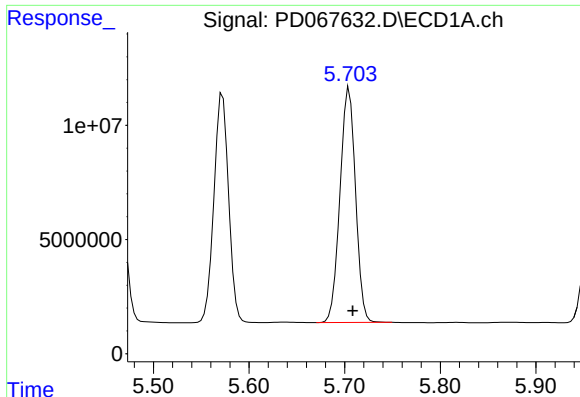
#12 4,4'-DDE

R.T.: 5.572 min
Delta R.T.: -0.003 min
Response: 107418883
Conc: 48.52 ng/ml



#12 4,4'-DDE

R.T.: 6.296 min
Delta R.T.: -0.005 min
Response: 310926722
Conc: 50.48 ng/ml



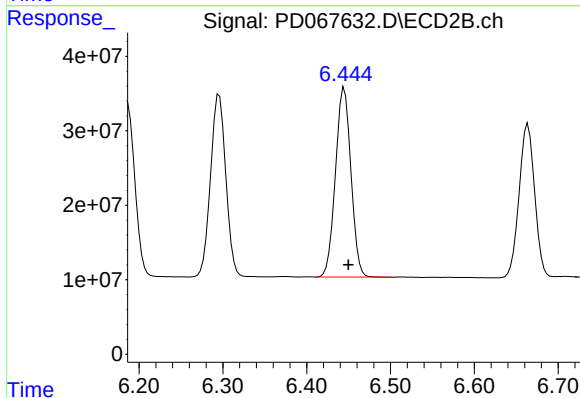
#13 Dieldrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 116473217
Conc: 48.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

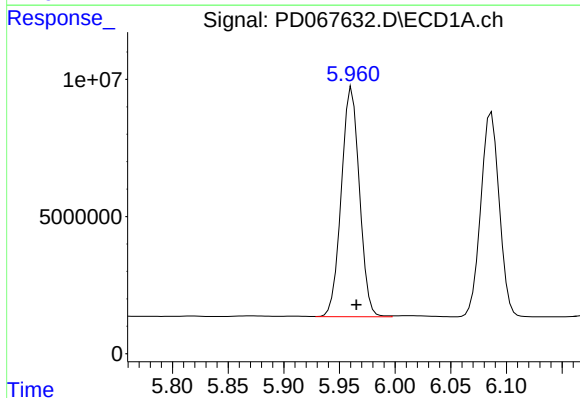
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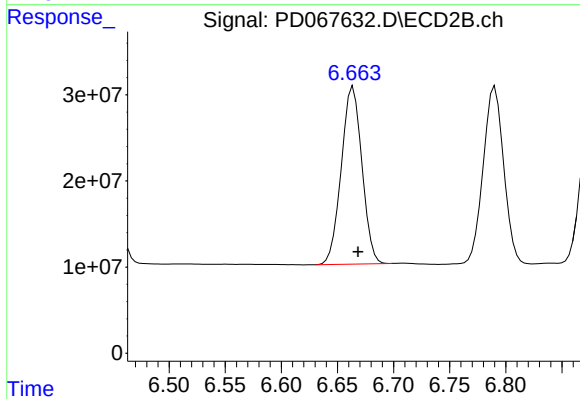
#13 Dieldrin

R.T.: 6.445 min
Delta R.T.: -0.005 min
Response: 326151528
Conc: 49.10 ng/ml



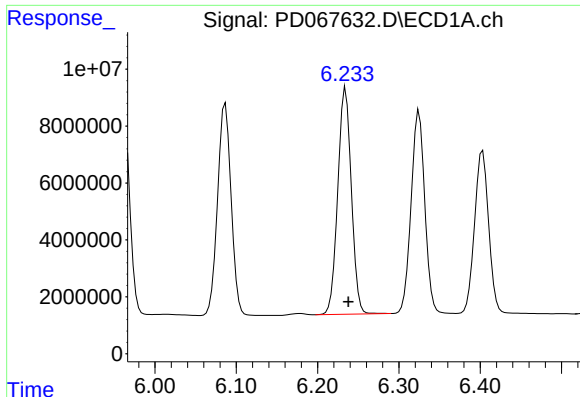
#14 Endrin

R.T.: 5.961 min
Delta R.T.: -0.004 min
Response: 94728886
Conc: 45.10 ng/ml



#14 Endrin

R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 263928575
Conc: 47.61 ng/ml



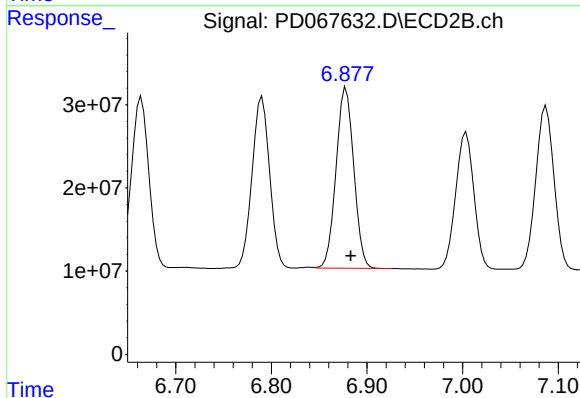
#15 Endosulfan II

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 92057073
Conc: 45.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

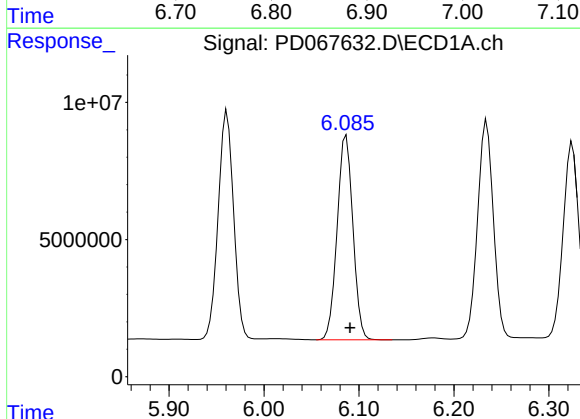
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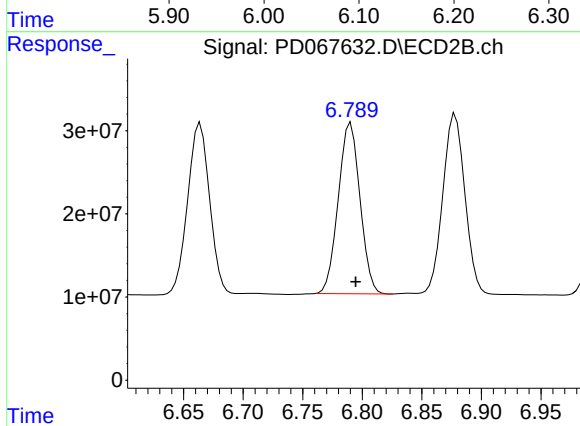
#15 Endosulfan II

R.T.: 6.878 min
Delta R.T.: -0.005 min
Response: 279719113
Conc: 47.06 ng/ml



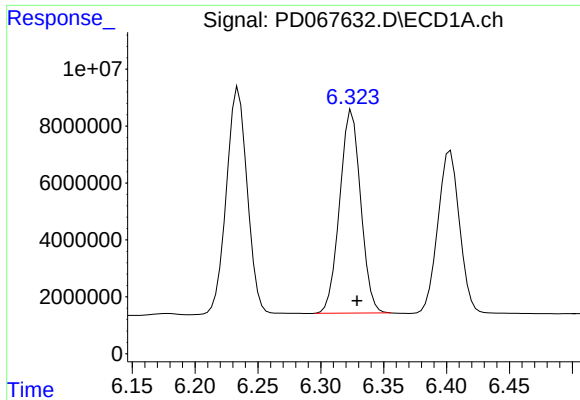
#16 4,4'-DDD

R.T.: 6.087 min
Delta R.T.: -0.004 min
Response: 86049775
Conc: 50.09 ng/ml



#16 4,4'-DDD

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 261032377
Conc: 52.15 ng/ml



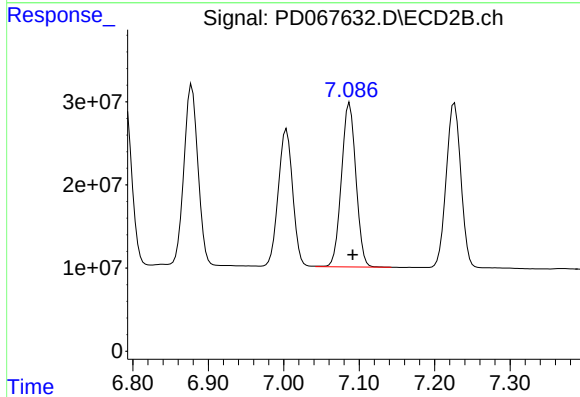
#17 4,4'-DDT

R.T.: 6.323 min
Delta R.T.: -0.005 min
Response: 82986635
Conc: 50.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

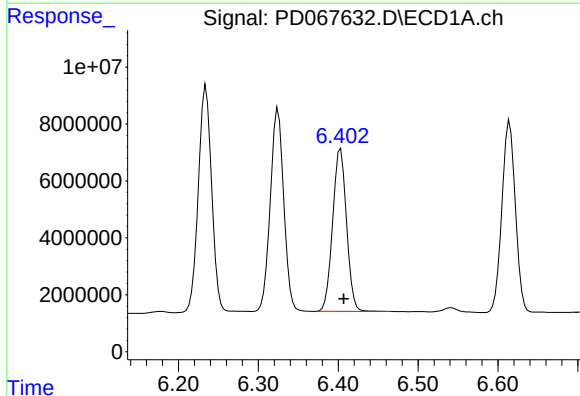
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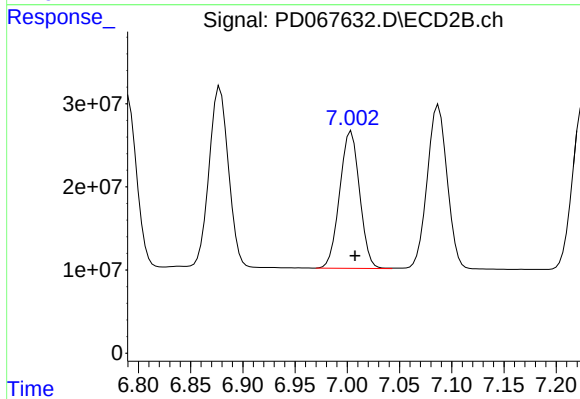
#17 4,4'-DDT

R.T.: 7.087 min
Delta R.T.: -0.004 min
Response: 262114535
Conc: 48.98 ng/ml



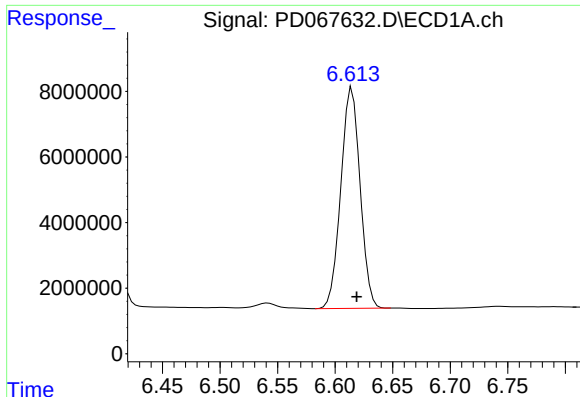
#18 Endrin aldehyde

R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 68738169
Conc: 45.23 ng/ml



#18 Endrin aldehyde

R.T.: 7.004 min
Delta R.T.: -0.004 min
Response: 218463116
Conc: 48.42 ng/ml



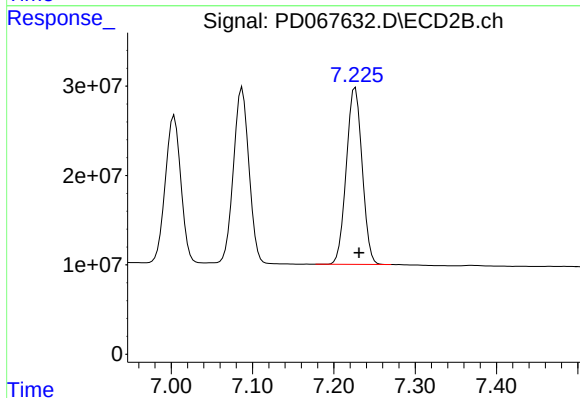
#19 Endosulfan Sulfate

R.T.: 6.615 min
Delta R.T.: -0.004 min
Response: 78763458
Conc: 48.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

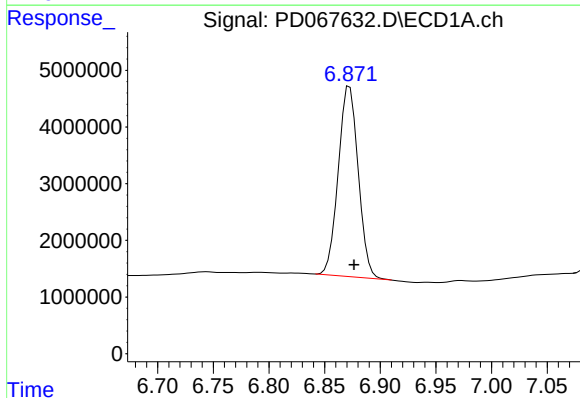
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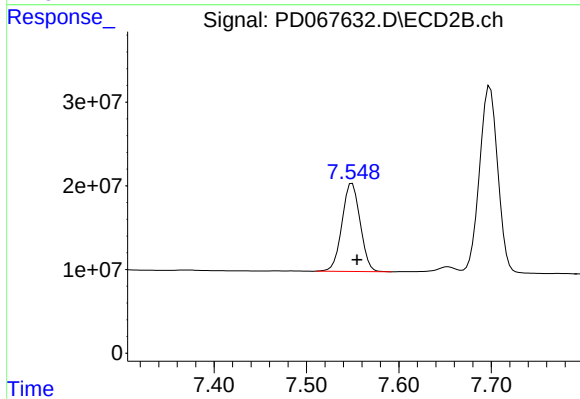
#19 Endosulfan Sulfate

R.T.: 7.226 min
Delta R.T.: -0.005 min
Response: 266863161
Conc: 48.83 ng/ml



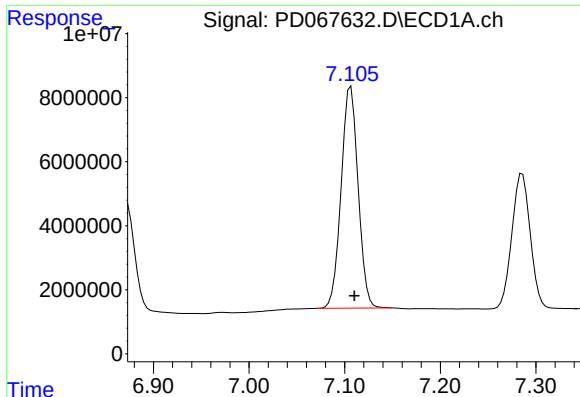
#20 Methoxychlor

R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 41873068
Conc: 49.33 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: -0.005 min
Response: 144019278
Conc: 49.64 ng/ml



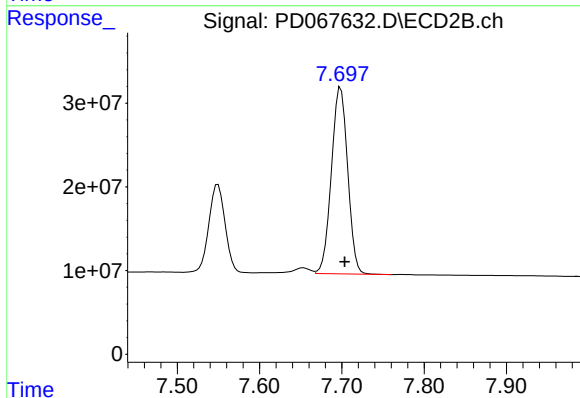
#21 Endrin ketone

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 85734215
Conc: 50.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

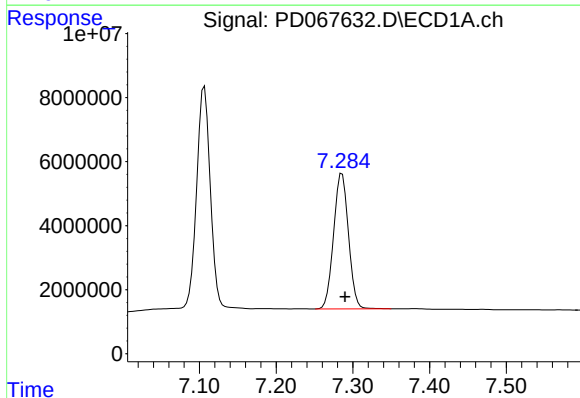
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Supervised By :Ankita Jodhani 01/10/2022



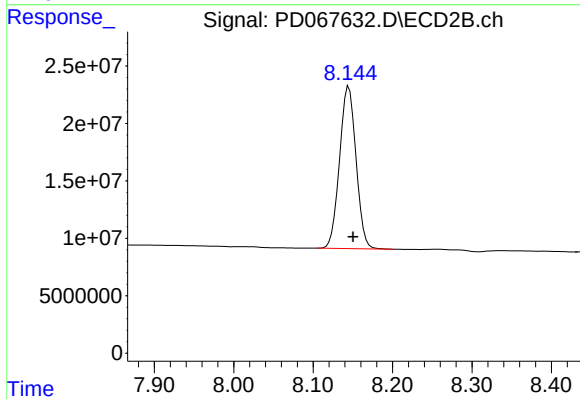
#21 Endrin ketone

R.T.: 7.699 min
Delta R.T.: -0.005 min
Response: 306415144
Conc: 48.83 ng/ml



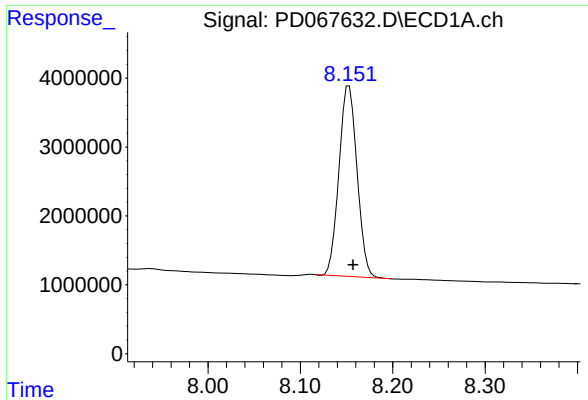
#22 Mirex

R.T.: 7.286 min
Delta R.T.: -0.004 min
Response: 57005592
Conc: 47.66 ng/ml



#22 Mirex

R.T.: 8.145 min
Delta R.T.: -0.005 min
Response: 203650403
Conc: 46.90 ng/ml



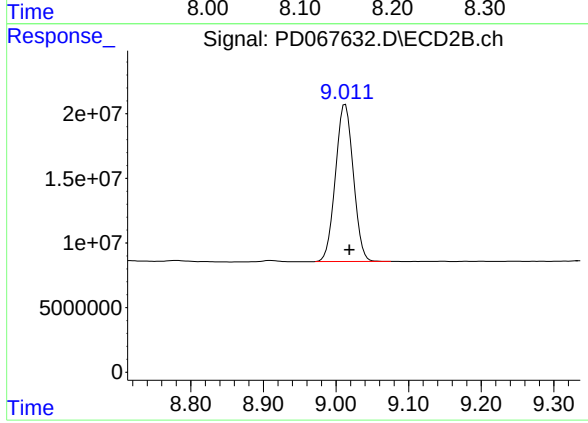
#28 Decachlorobiphenyl

R.T.: 8.153 min
Delta R.T.: -0.004 min
Response: 37564356
Conc: 42.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/10/2022
Supervised By :Ankita Jodhani 01/10/2022



#28 Decachlorobiphenyl

R.T.: 9.013 min
Delta R.T.: -0.006 min
Response: 207902135
Conc: 43.75 ng/ml