

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
 Data File : PD070092.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2022 21:39
 Operator : AR\AJ
 Sample : N2952-11MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 P037-SS001-1218-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/06/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 21:08:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 2022
 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 x0.2 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...	3.442	4.169	15668970	140.8E6	14.724	15.977
2)	SA Decachlor...	8.194	9.364	13375368	99959823	12.263	18.483 #
Target Compounds							
2)	A alpha-BHC	3.880	4.565	71887779	624.8E6	43.868	47.711
3)	MA gamma-BHC...	4.163	4.856	67215319	582.9E6	38.944	47.254
4)	MA Heptachlor	4.460	5.383	63505714	545.8E6	42.538	46.882
5)	MB Aldrin	4.707	5.695	65277345	554.3E6	45.042	48.052
6)	B beta-BHC	4.414	5.020	28733122	257.1E6	41.284	48.953
7)	B delta-BHC	4.617	5.246	63768162	381.6E6	41.854	40.111
8)	B Heptachlo...	5.151	6.083	62560486	439.6E6	46.848	55.862
9)	A Endosulfan I	5.489	6.446	54332056	441.7E6	43.362	48.427
10)	B gamma-Chl...	5.376	6.320	59457182	484.3E6	43.940	48.867
11)	B alpha-Chl...	5.435	6.395	58037966	465.7E6	43.594	47.918
12)	B 4,4'-DDE	5.600	6.545	58620194	441.5E6	46.268	48.800
13)	MA Dieldrin	5.732	6.704	58611008	470.5E6	44.527	49.869
14)	MA Endrin	5.991	6.923	55562625	314.9E6	48.120	46.656
15)	B Endosulfa...	6.264	7.131	51217948	387.2E6	46.045	52.131
16)	A 4,4'-DDD	6.118	7.036	47995591	372.5E6	44.358	50.306
17)	MA 4,4'-DDT	6.358	7.339	43998610	353.7E6	44.395	48.336
18)	B Endrin al...	6.434	7.254	41121805	311.5E6	47.861	54.245
19)	B Endosulfa...	6.647	7.479	46014761	354.6E6	39.918	48.100
20)	A Methoxychlor	6.908	7.792	26298096	153.5E6	46.356	43.042
21)	B Endrin ke...	7.139	7.954	64219532	371.1E6	48.193m	46.608
22)	Mirex	7.322	8.420	42729637	288.9E6	42.495	54.076 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
Data File : PD070092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2022 21:39
Operator : AR\AJ
Sample : N2952-11MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

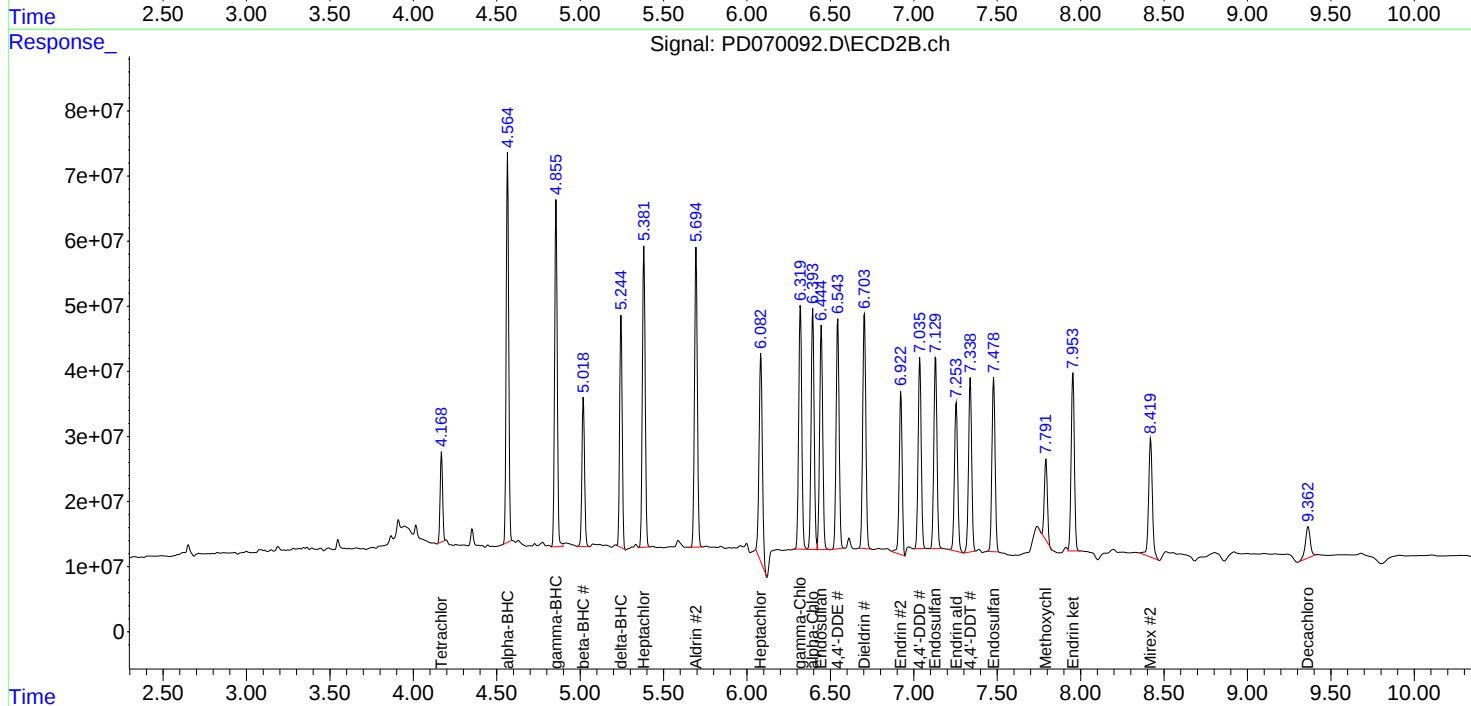
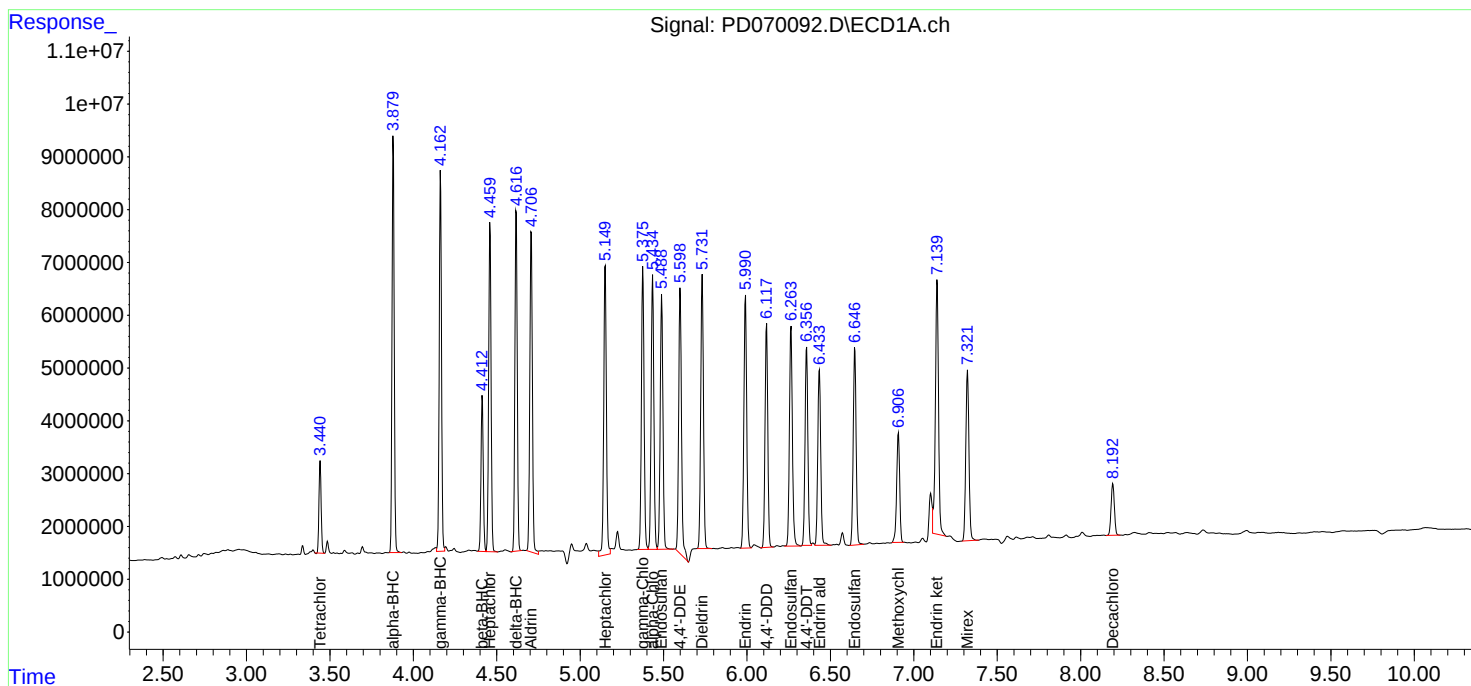
Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

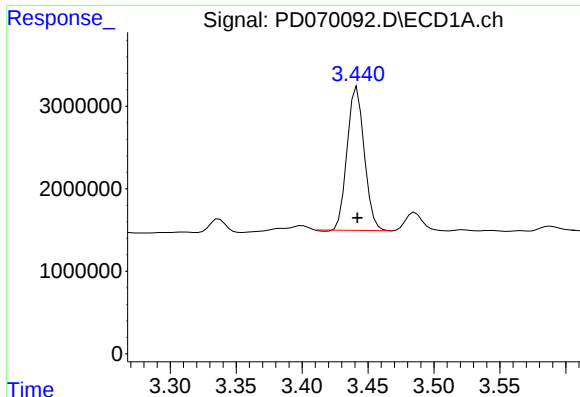
Manual Integrations
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Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 21:08:16 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
Quant Title : GC Extractables
QLast Update : Thu May 26 05:06:06 2022
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





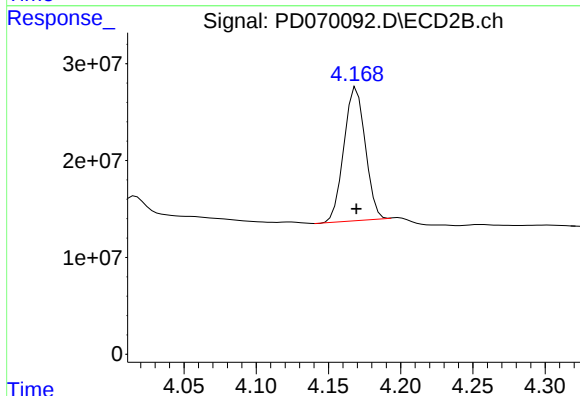
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 15668970
Conc: 14.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

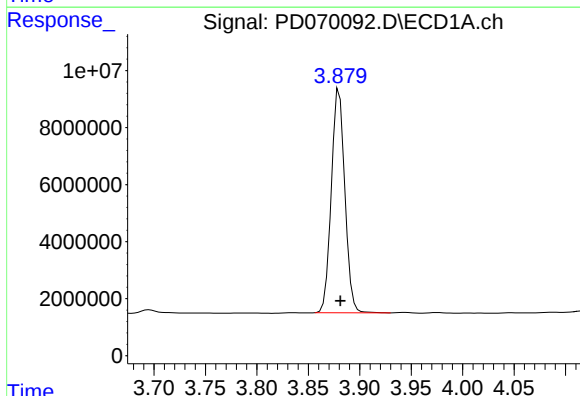
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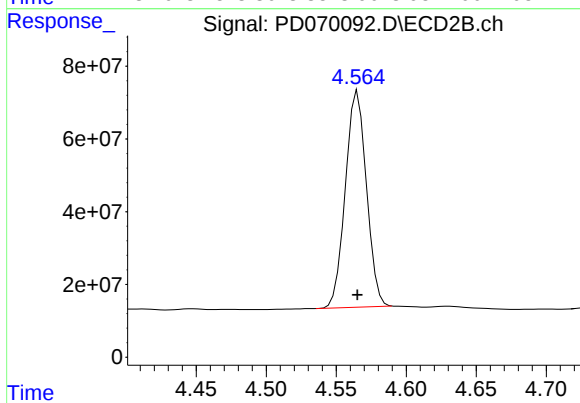
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: 0.000 min
Response: 140786336
Conc: 15.98 ng/ml



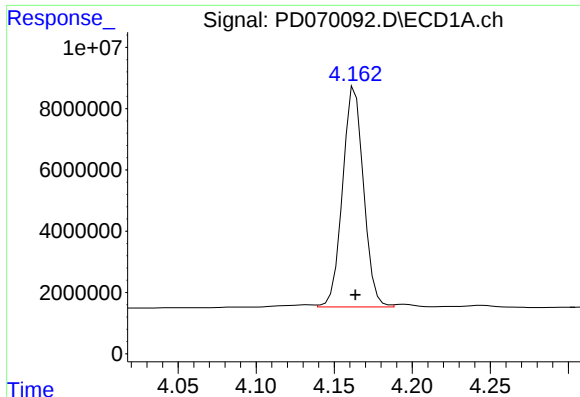
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 71887779
Conc: 43.87 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 624784202
Conc: 47.71 ng/ml



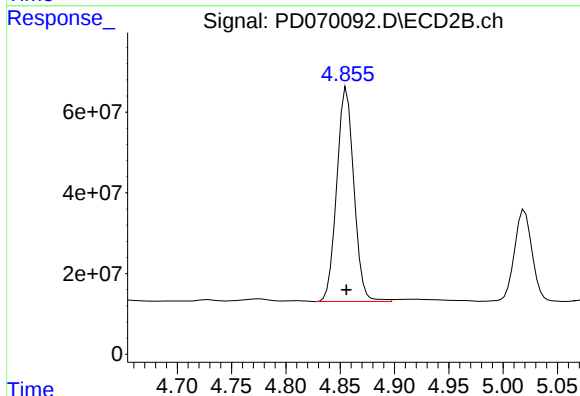
#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 67215319
Conc: 38.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

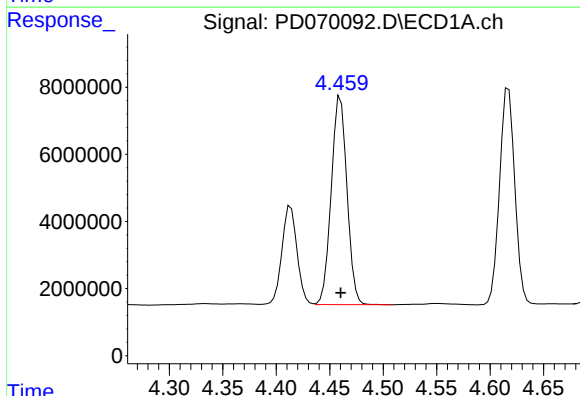
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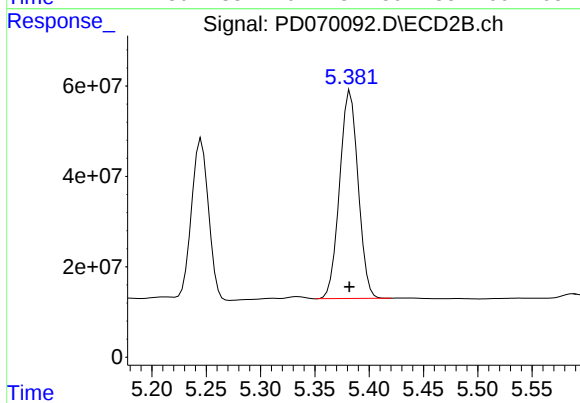
#3 gamma-BHC (Lindane)

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 582921255
Conc: 47.25 ng/ml



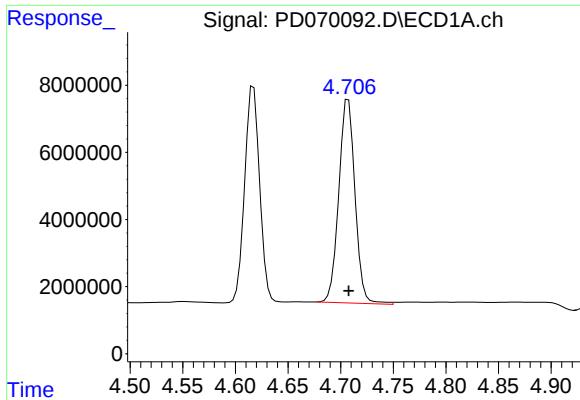
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 63505714
Conc: 42.54 ng/ml



#4 Heptachlor

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 545781680
Conc: 46.88 ng/ml



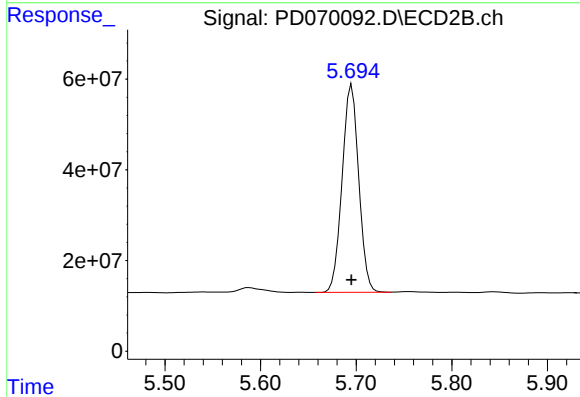
#5 Aldrin

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 65277345
Conc: 45.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

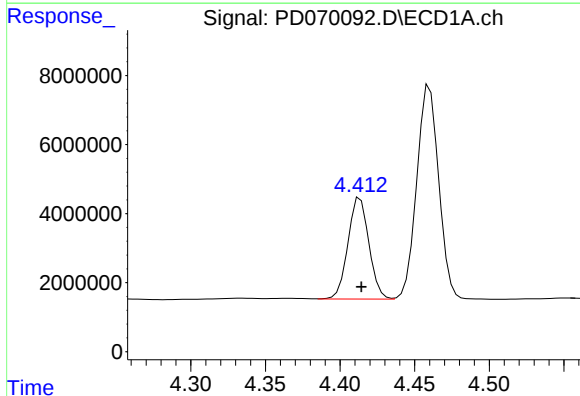
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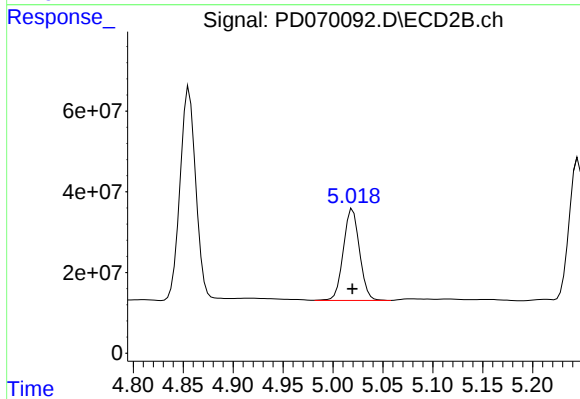
#5 Aldrin

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 554326797
Conc: 48.05 ng/ml



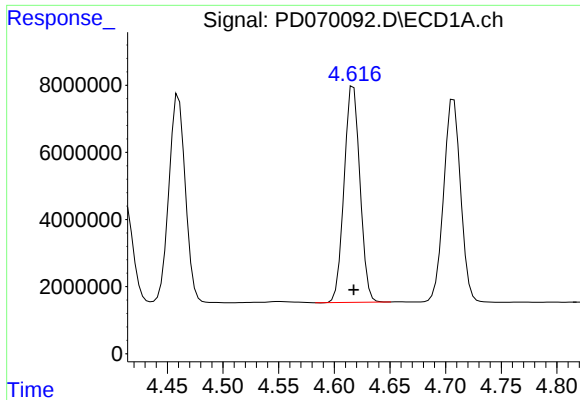
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 28733122
Conc: 41.28 ng/ml



#6 beta-BHC

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 257149555
Conc: 48.95 ng/ml



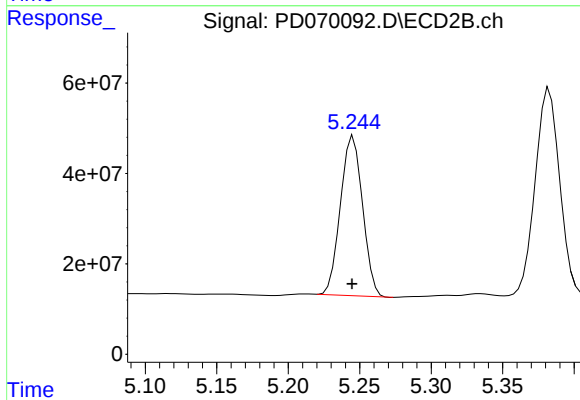
#7 delta-BHC

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 63768162
Conc: 41.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

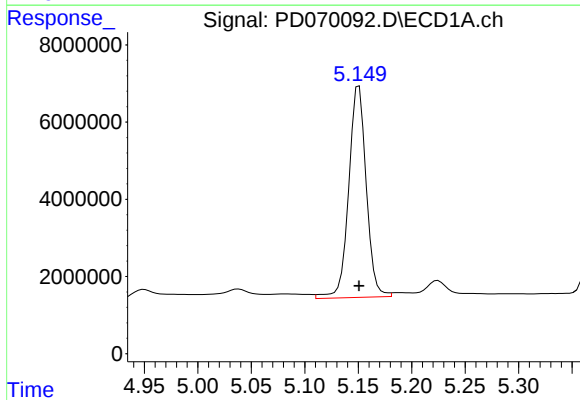
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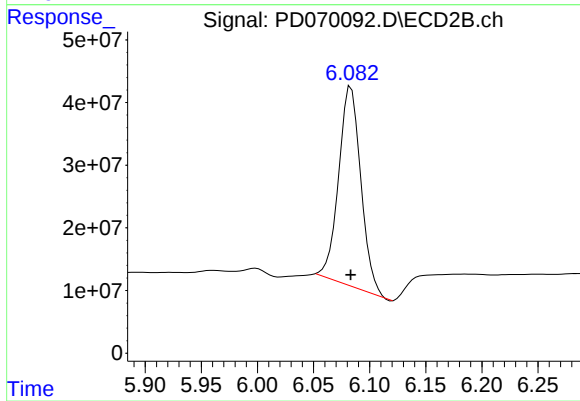
#7 delta-BHC

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 381591109
Conc: 40.11 ng/ml



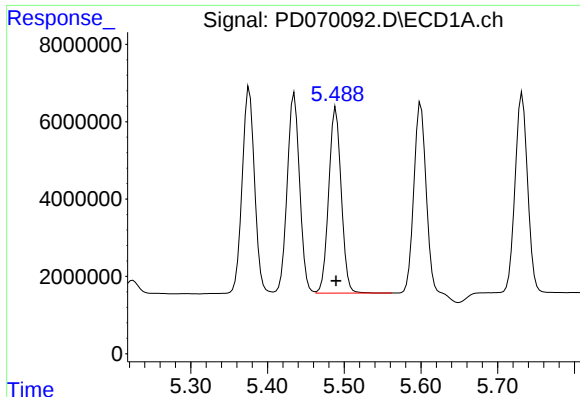
#8 Heptachlor epoxide

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 62560486
Conc: 46.85 ng/ml



#8 Heptachlor epoxide

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 439571702
Conc: 55.86 ng/ml



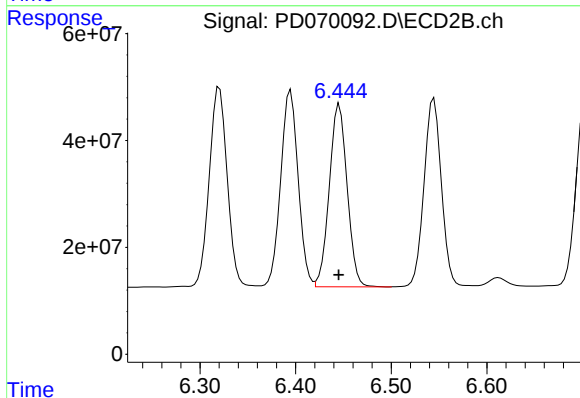
#9 Endosulfan I

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 54332056
Conc: 43.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

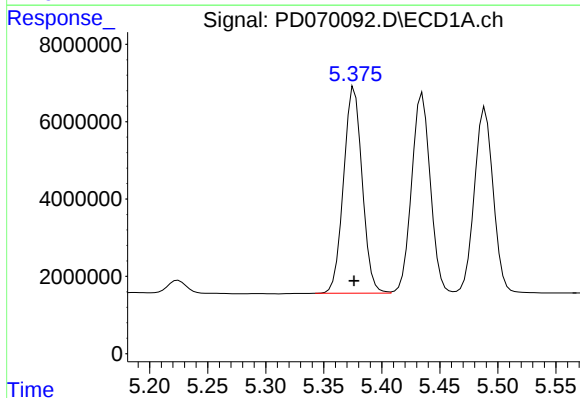
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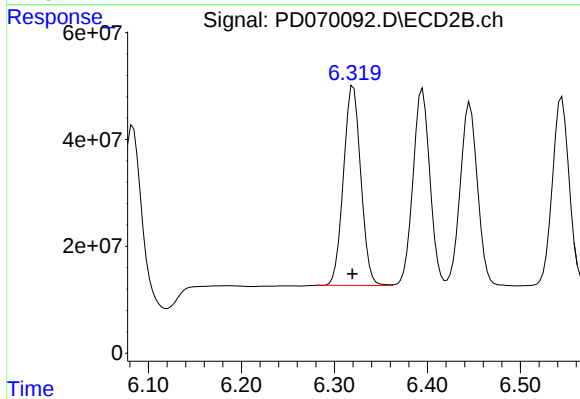
#9 Endosulfan I

R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 441678232
Conc: 48.43 ng/ml



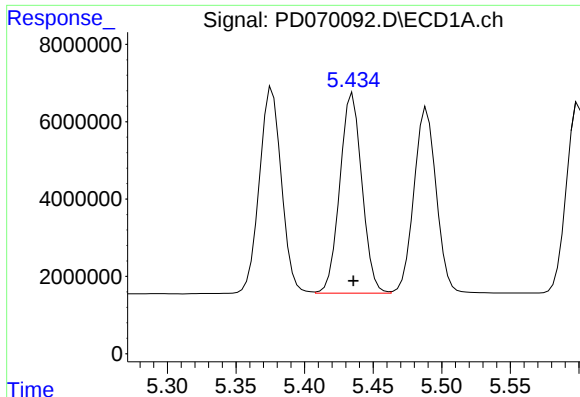
#10 gamma-Chlordane

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 59457182
Conc: 43.94 ng/ml



#10 gamma-Chlordane

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 484281571
Conc: 48.87 ng/ml



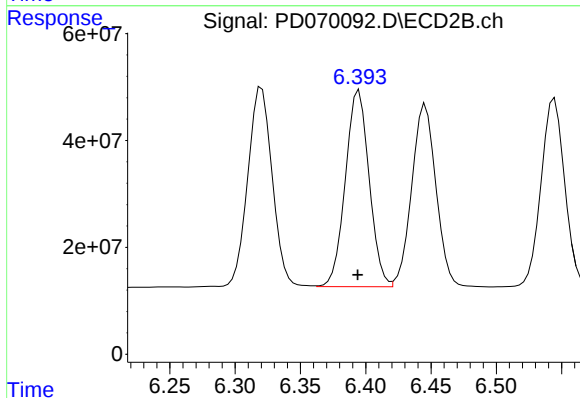
#11 alpha-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 58037966
Conc: 43.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

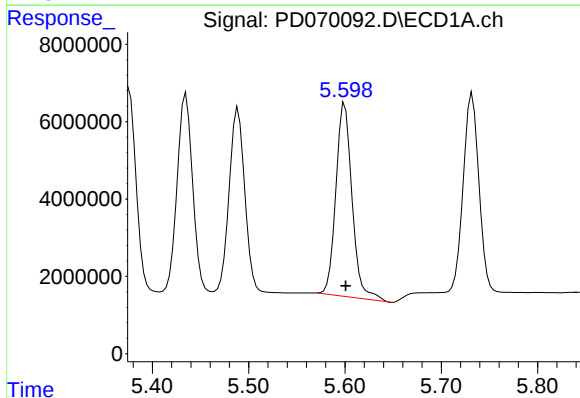
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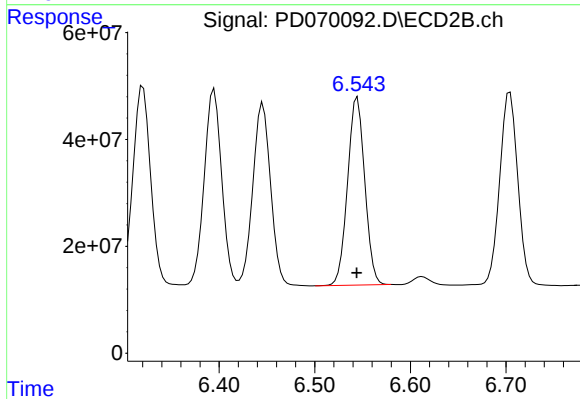
#11 alpha-Chlordane

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 465703253
Conc: 47.92 ng/ml



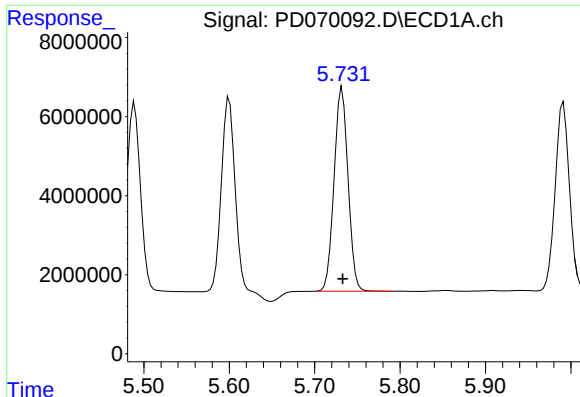
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 58620194
Conc: 46.27 ng/ml



#12 4,4'-DDE

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 441529354
Conc: 48.80 ng/ml



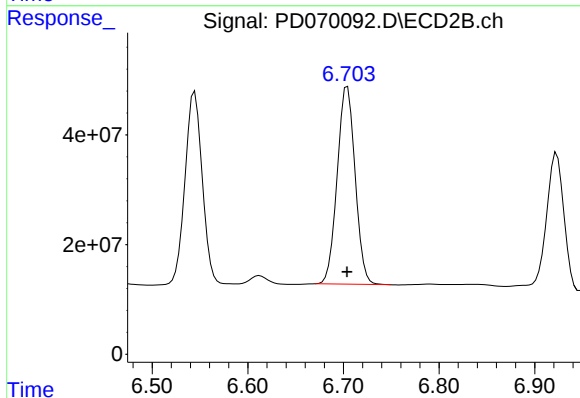
#13 Dieldrin

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 58611008
Conc: 44.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

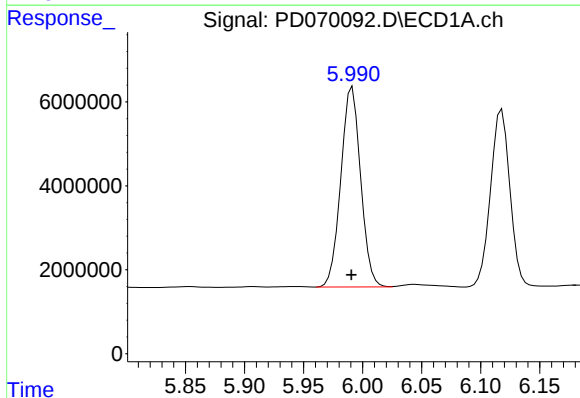
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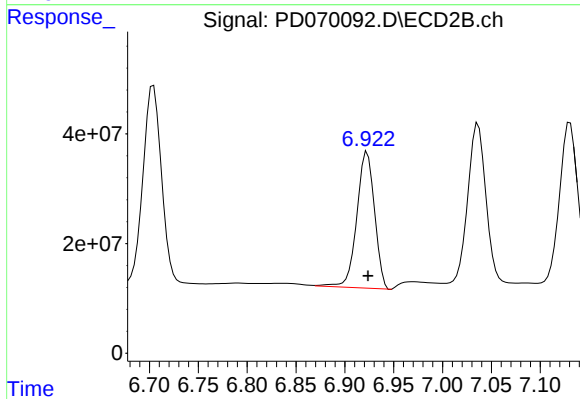
#13 Dieldrin

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 470486167
Conc: 49.87 ng/ml



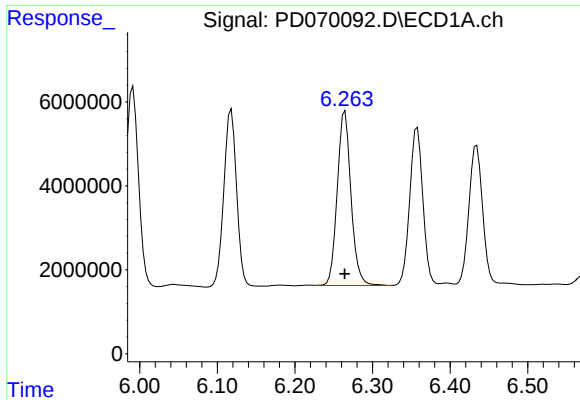
#14 Endrin

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 55562625
Conc: 48.12 ng/ml



#14 Endrin

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 314887639
Conc: 46.66 ng/ml



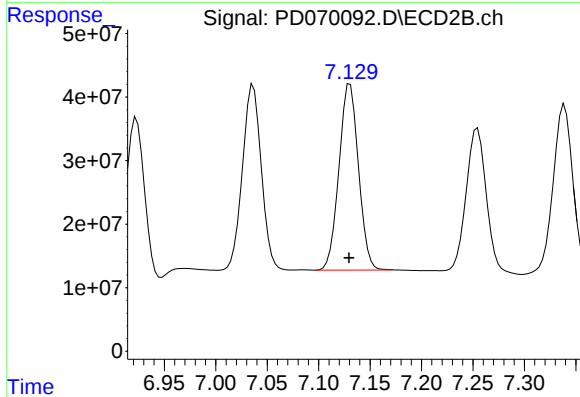
#15 Endosulfan II

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 51217948
Conc: 46.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

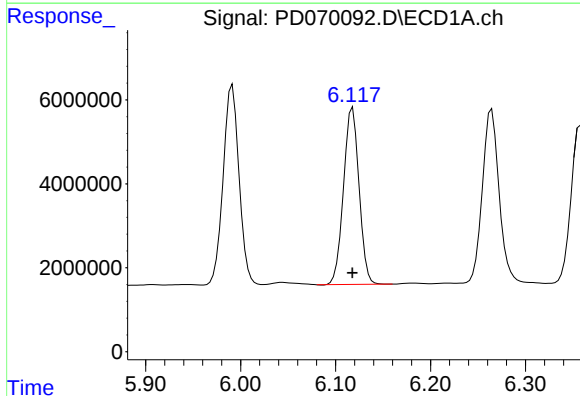
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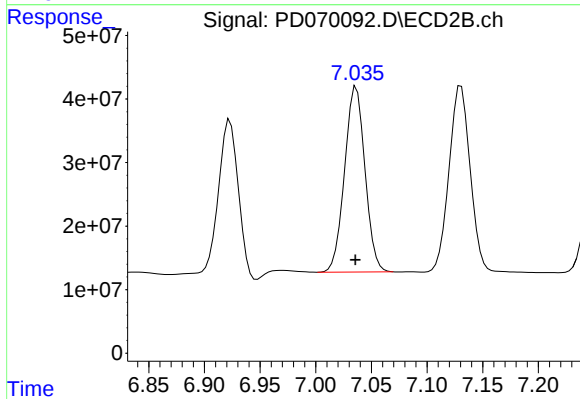
#15 Endosulfan II

R.T.: 7.131 min
Delta R.T.: 0.001 min
Response: 387226893
Conc: 52.13 ng/ml



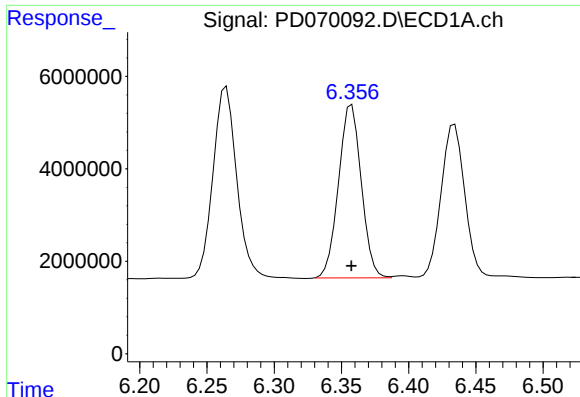
#16 4,4'-DDD

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 47995591
Conc: 44.36 ng/ml



#16 4,4'-DDD

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 372532787
Conc: 50.31 ng/ml



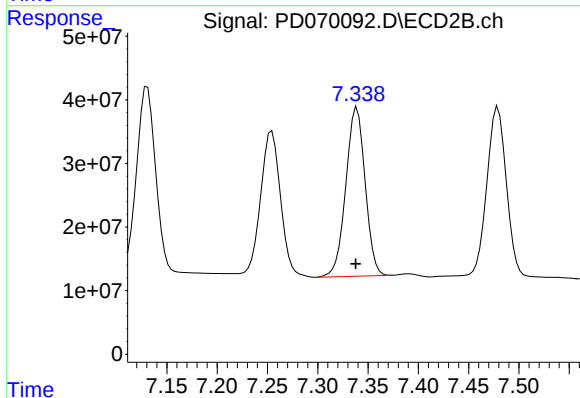
#17 4,4'-DDT

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 43998610
Conc: 44.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

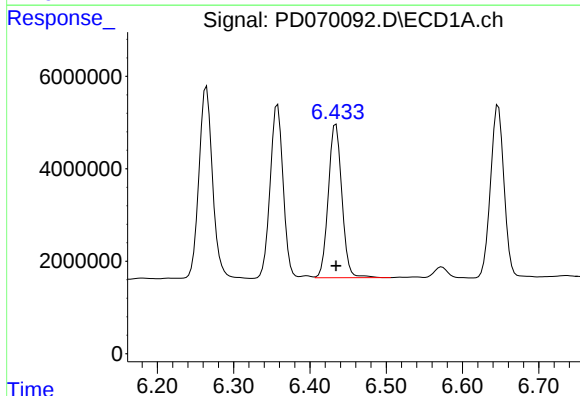
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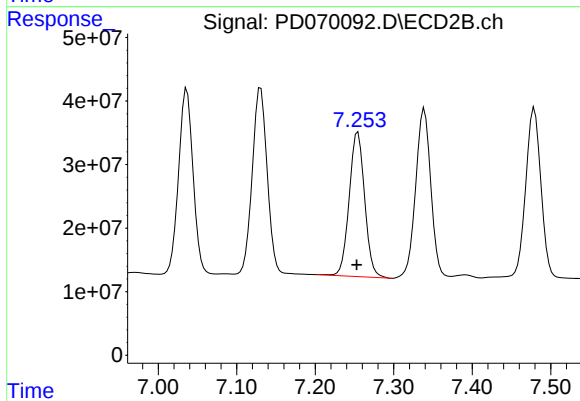
#17 4,4'-DDT

R.T.: 7.339 min
Delta R.T.: 0.001 min
Response: 353727658
Conc: 48.34 ng/ml



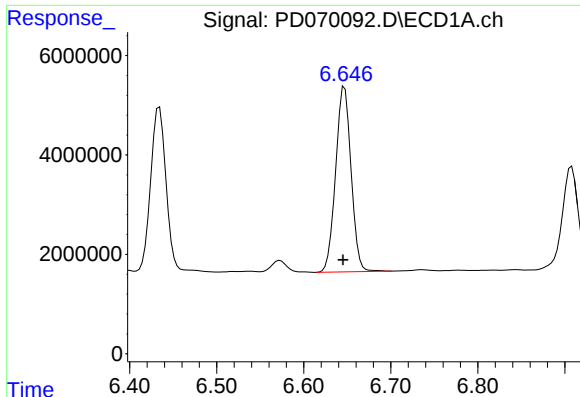
#18 Endrin aldehyde

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 41121805
Conc: 47.86 ng/ml



#18 Endrin aldehyde

R.T.: 7.254 min
Delta R.T.: 0.002 min
Response: 311461734
Conc: 54.24 ng/ml



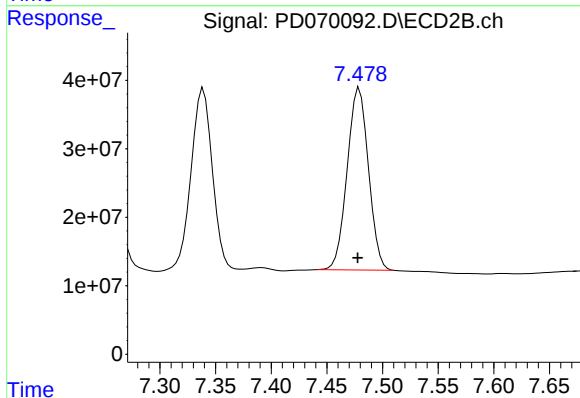
#19 Endosulfan Sulfate

R.T.: 6.647 min
Delta R.T.: 0.002 min
Response: 46014761
Conc: 39.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

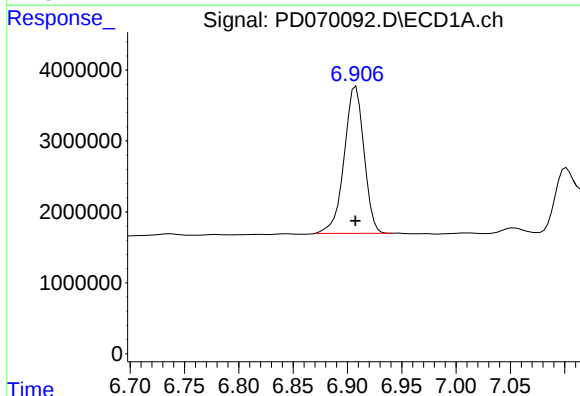
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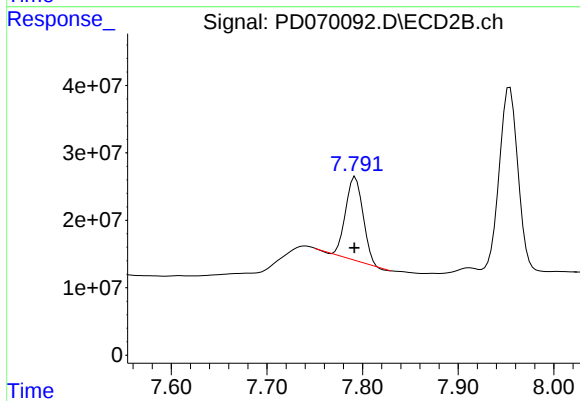
#19 Endosulfan Sulfate

R.T.: 7.479 min
Delta R.T.: 0.002 min
Response: 354641623
Conc: 48.10 ng/ml



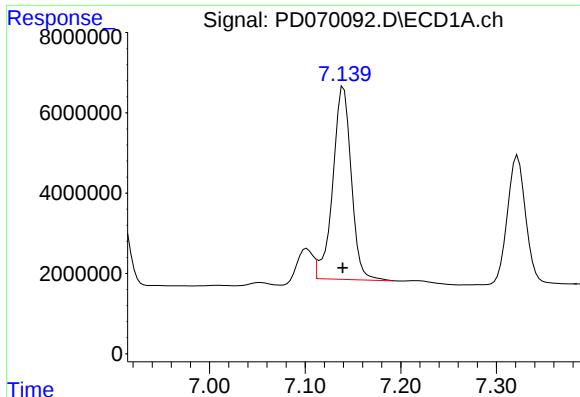
#20 Methoxychlor

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 26298096
Conc: 46.36 ng/ml



#20 Methoxychlor

R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 153472186
Conc: 43.04 ng/ml



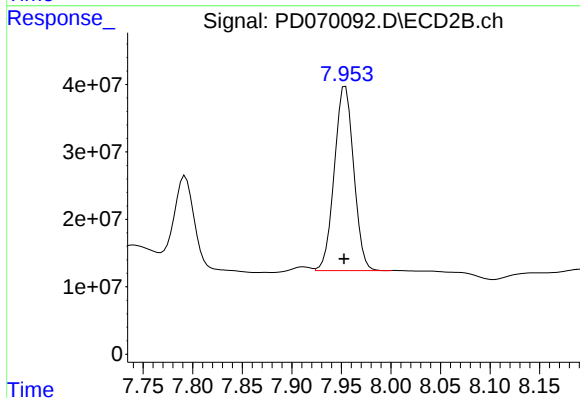
#21 Endrin ketone

R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 64219532
Conc: 48.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

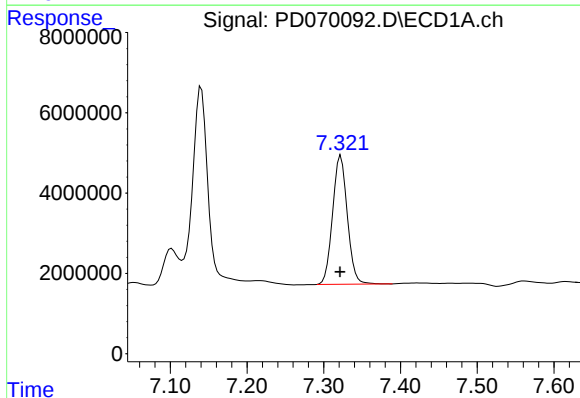
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2022
Supervised By :Ankita Jodhani 06/07/2022



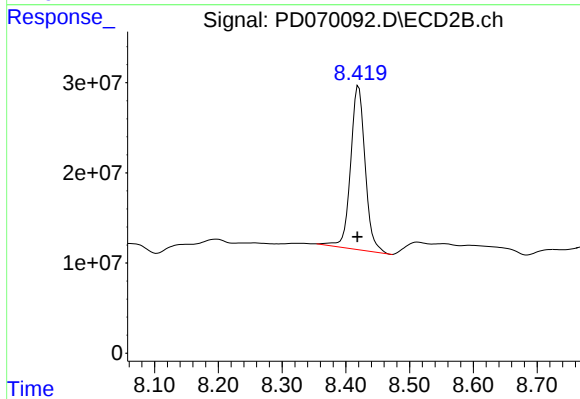
#21 Endrin ketone

R.T.: 7.954 min
Delta R.T.: 0.001 min
Response: 371055232
Conc: 46.61 ng/ml



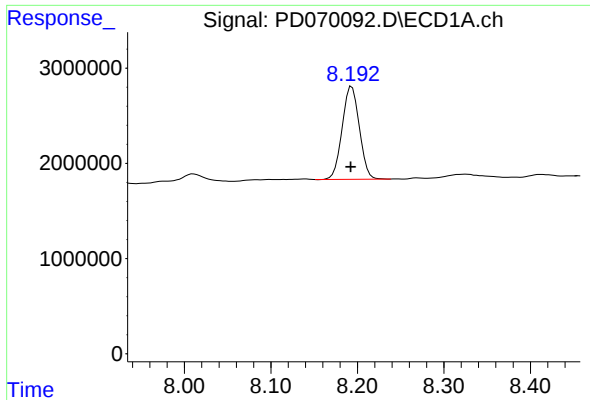
#22 Mirex

R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 42729637
Conc: 42.50 ng/ml



#22 Mirex

R.T.: 8.420 min
Delta R.T.: 0.002 min
Response: 288883507
Conc: 54.08 ng/ml



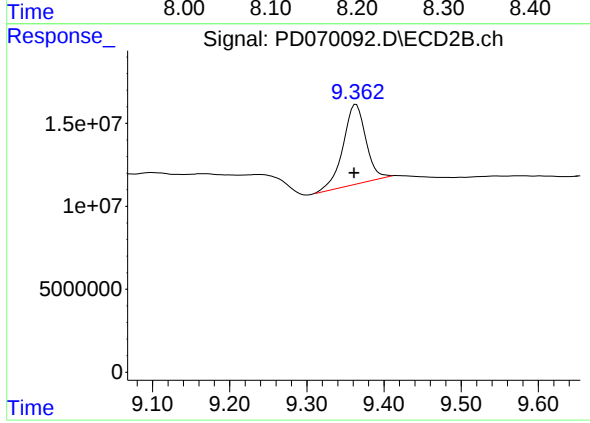
#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: 0.001 min
Response: 13375368
Conc: 12.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
P037-SS001-1218-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2022
Supervised By :Ankita Jodhani 06/07/2022



#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.002 min
Response: 99959823
Conc: 18.48 ng/ml