

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
 Data File : PD074833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 17:05
 Operator : AR\AJ
 Sample : 02386-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SPA-1WC-23-04MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 21:52:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.546	2.769	25853012	27716384	10.839	21.262 #
28) SA Decachlor...	9.087	7.918	37662819	15936074	12.402	11.947
Target Compounds						
2) A alpha-BHC	4.004	3.270	188.7E6	86495286	45.375	44.300m
3) MA gamma-BHC...	4.337	3.602	198.4E6	88370469	51.109	48.693
4) MA Heptachlor	4.929	3.943	197.1E6	92370335	50.385	49.940
5) MB Aldrin	5.272	4.223	204.0E6	94818147	53.094	51.288
6) B beta-BHC	4.531	3.897	78589358	36979268	46.847	45.529
7) B delta-BHC	4.781	4.128	186.2E6	92697977	58.383	49.302
8) B Heptachlo...	5.698	4.726	193.0E6	78809128	59.734	46.473
9) A Endosulfan I	6.086	5.096	164.6E6	73400410	50.457	45.770
10) B gamma-Chl...	5.955	4.976	200.1E6	97880578	57.687	56.528
11) B alpha-Chl...	6.035	5.041	189.2E6	86513565	54.473	50.499
12) B 4,4'-DDE	6.207	5.230	179.0E6	73525023	55.835	46.880
13) MA Dieldrin	6.362	5.361	209.8E6	101.4E6	61.510	60.382
14) MA Endrin	6.591	5.635	160.3E6	71303103	55.158	47.252m
15) B Endosulfa...	6.810	5.930	141.5E6	74138724	49.305	53.917
16) A 4,4'-DDD	6.725	5.785	279.7E6	114.6E6	105.573	86.937
17) MA 4,4'-DDT	7.039	6.036	138.4E6	71077798	47.517m	52.627
18) B Endrin al...	6.939	6.110	104.5E6	53199306	45.506m	47.655
19) B Endosulfa...	7.175	6.333	139.3E6	69355624	48.241	50.187
20) A Methoxychlor	7.515	6.611	74420812	35042331	45.699	46.493m
21) B Endrin ke...	7.661	6.839	174.9E6	75446208	53.685	46.168
22) Mirex	8.138	7.023	117.0E6	54588625	47.113	42.307

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
Data File : PD074833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2023 17:05
Operator : AR\AJ
Sample : 02386-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

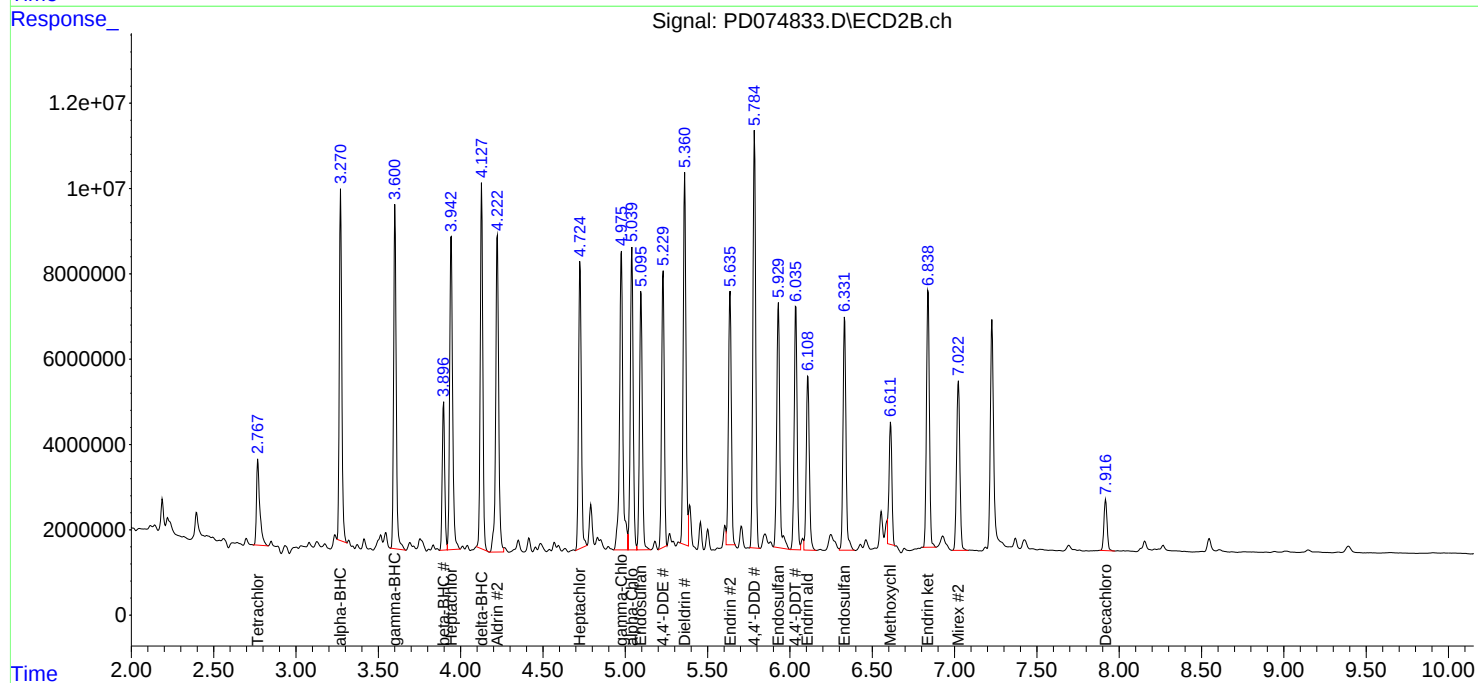
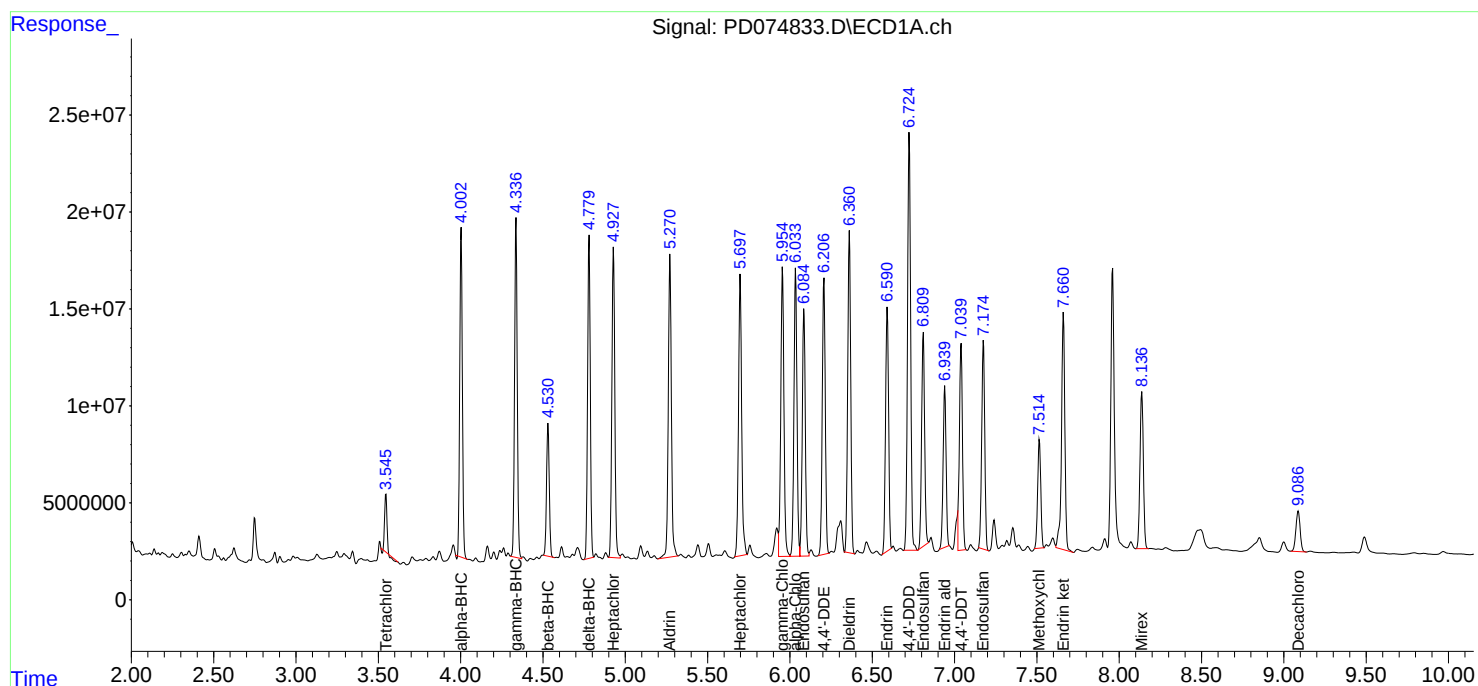
Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MSD

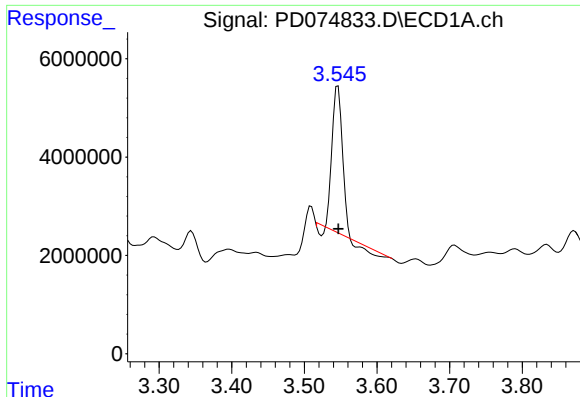
Manual Integrations
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Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 20 21:52:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
Quant Title : GC Extractables
QLast Update : Tue Apr 18 13:17:37 2023
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





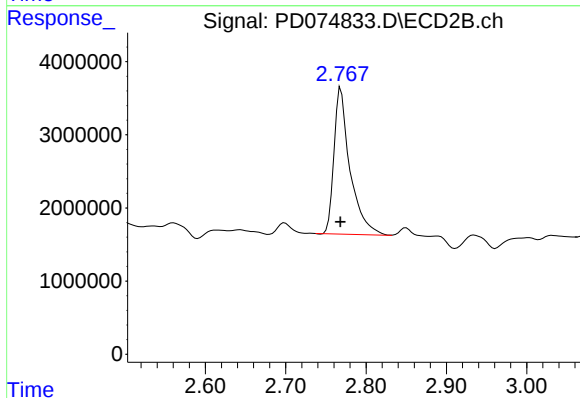
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 25853012
Conc: 10.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
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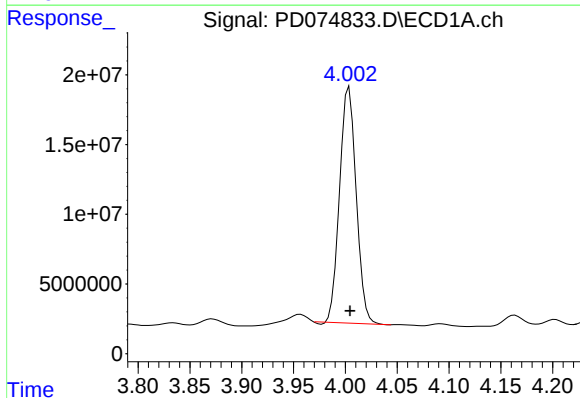
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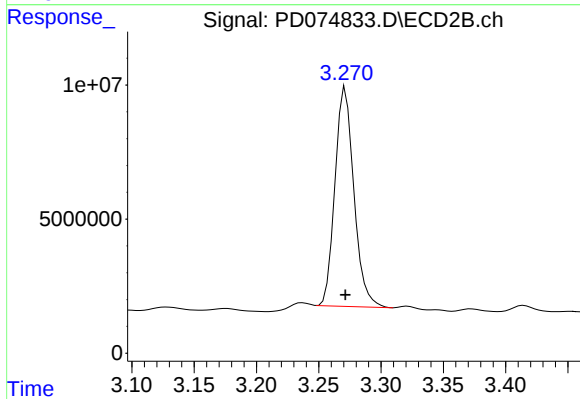
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.000 min
Response: 27716384
Conc: 21.26 ng/ml



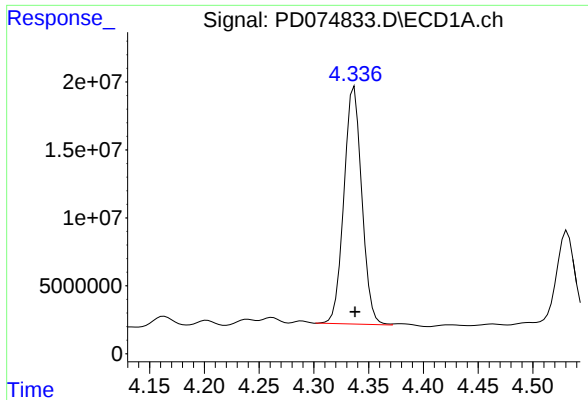
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 188726030
Conc: 45.38 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 86495286
Conc: 44.30 ng/ml m



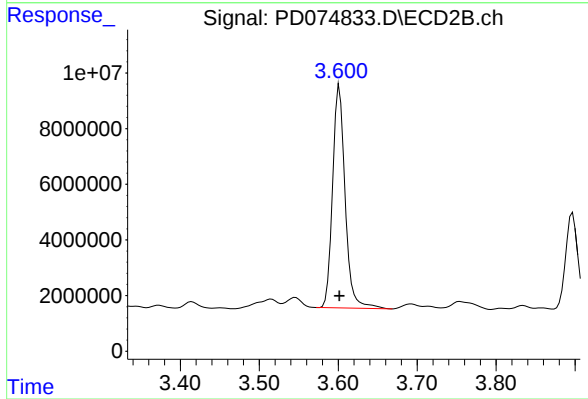
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 198361560
Conc: 51.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MSD

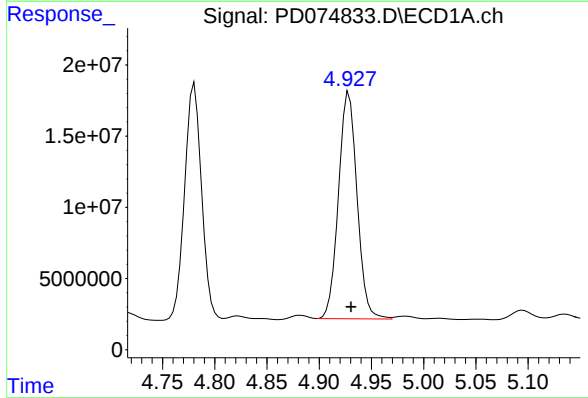
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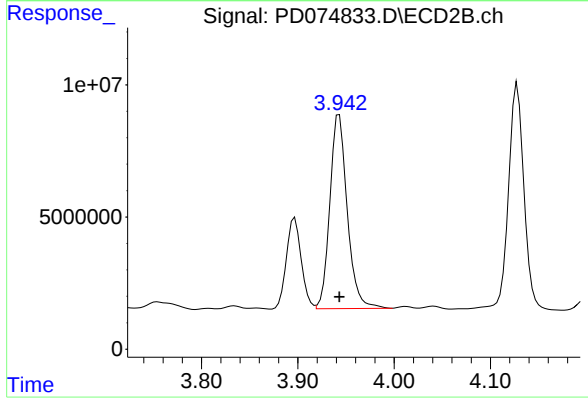
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 88370469
Conc: 48.69 ng/ml



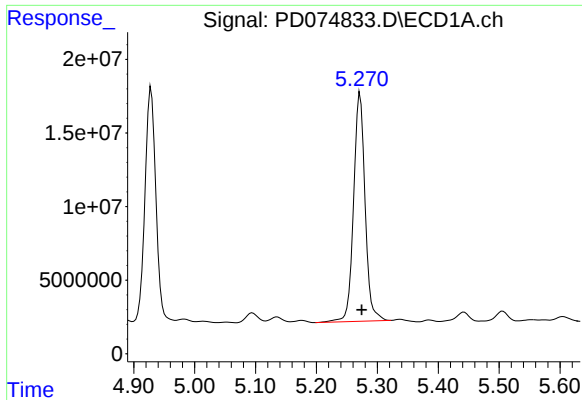
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 197065763
Conc: 50.39 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 92370335
Conc: 49.94 ng/ml



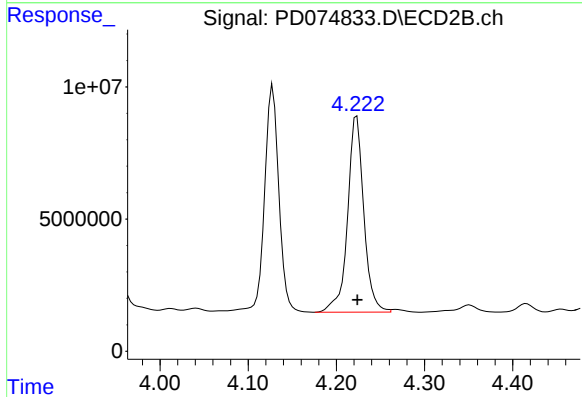
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: -0.003 min
Response: 204031665
Conc: 53.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MSD

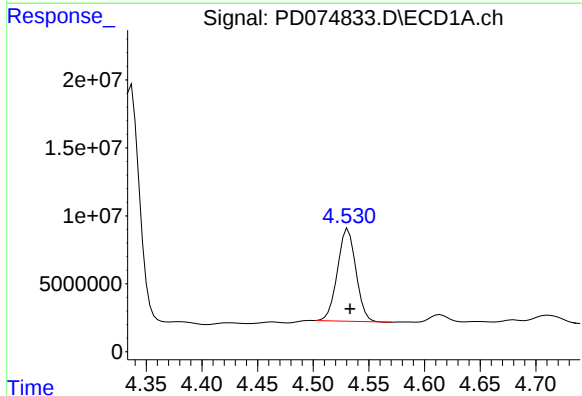
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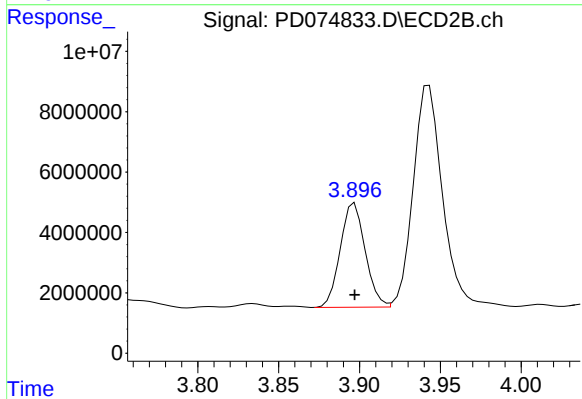
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 94818147
Conc: 51.29 ng/ml



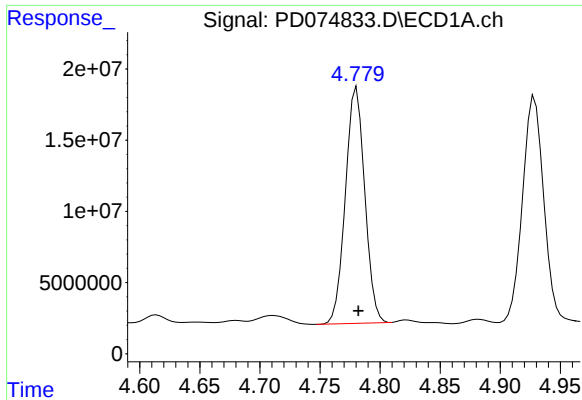
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 78589358
Conc: 46.85 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 36979268
Conc: 45.53 ng/ml



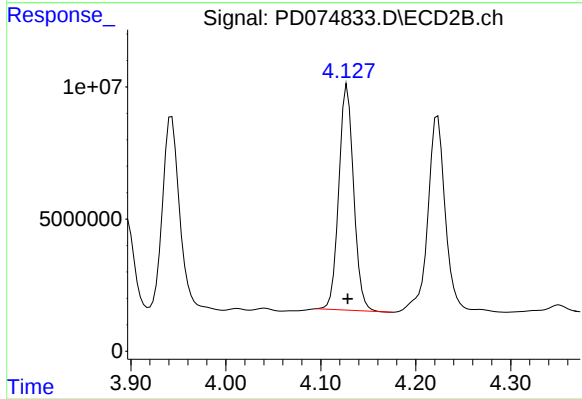
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: -0.002 min
Response: 186158814
Conc: 58.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MSD

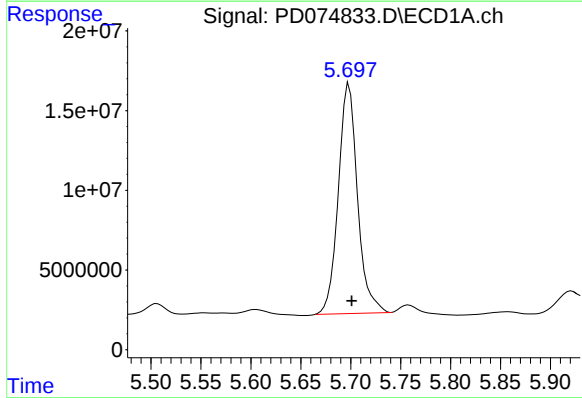
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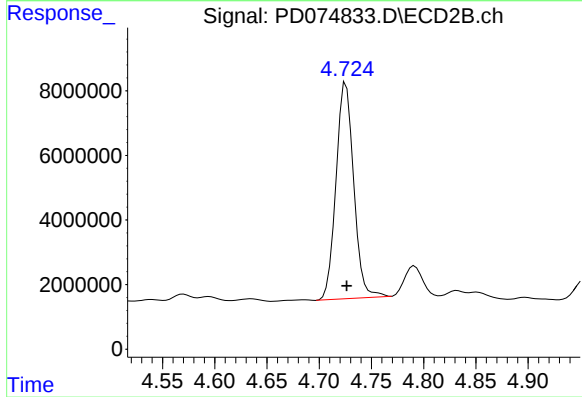
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 92697977
Conc: 49.30 ng/ml



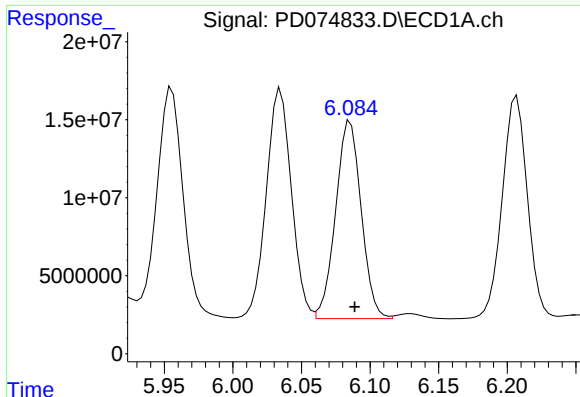
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 193018914
Conc: 59.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 78809128
Conc: 46.47 ng/ml



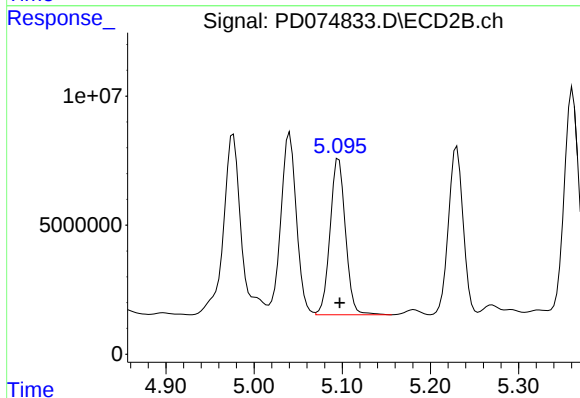
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 164632866
Conc: 50.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MSD

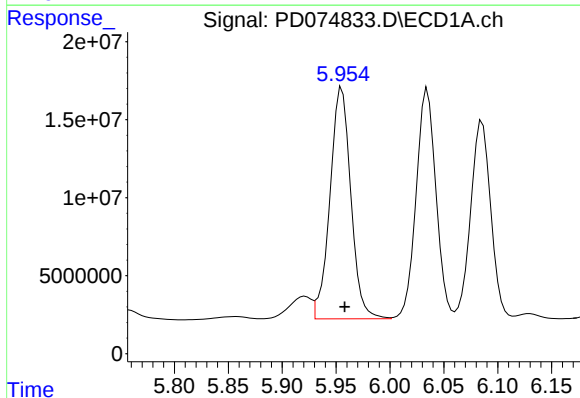
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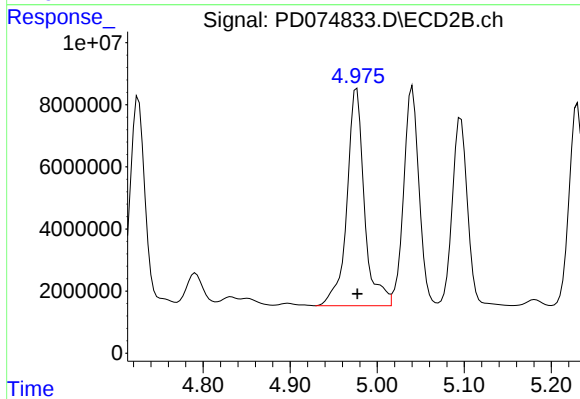
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: -0.001 min
Response: 73400410
Conc: 45.77 ng/ml



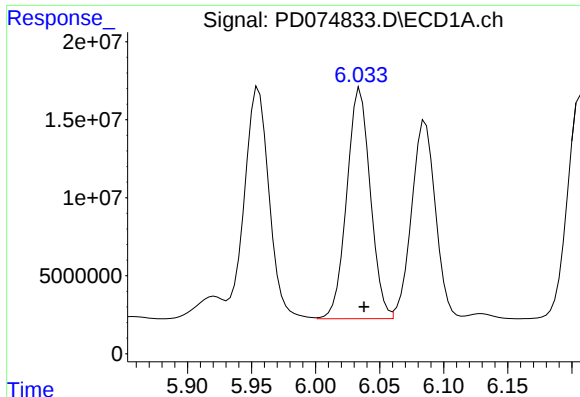
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: -0.003 min
Response: 200055981
Conc: 57.69 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 97880578
Conc: 56.53 ng/ml



#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 189233643
Conc: 54.47 ng/ml

Instrument :

ECD_D

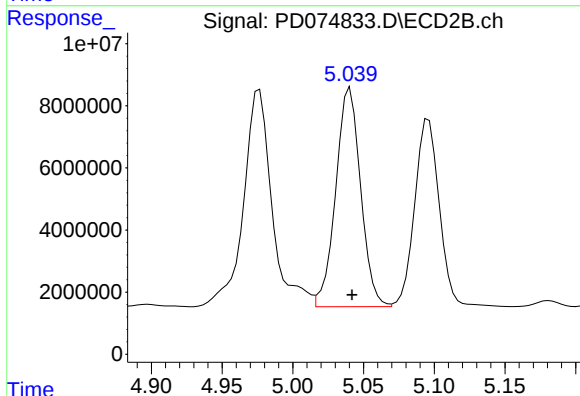
ClientSampleId :

SPA-1WC-23-04MSD

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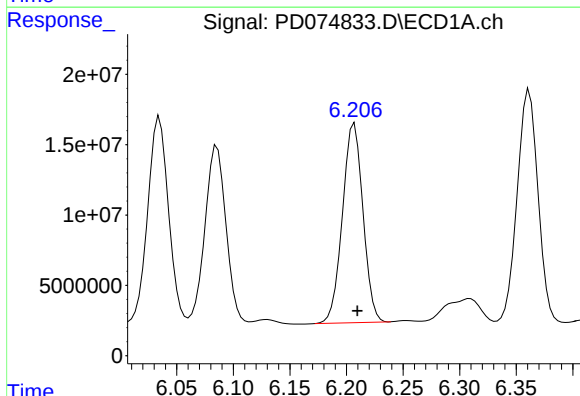
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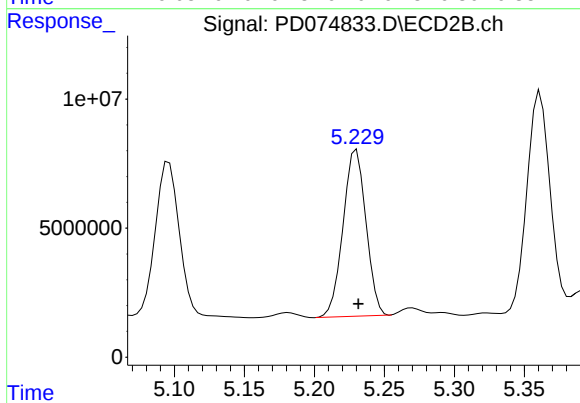
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.001 min
Response: 86513565
Conc: 50.50 ng/ml



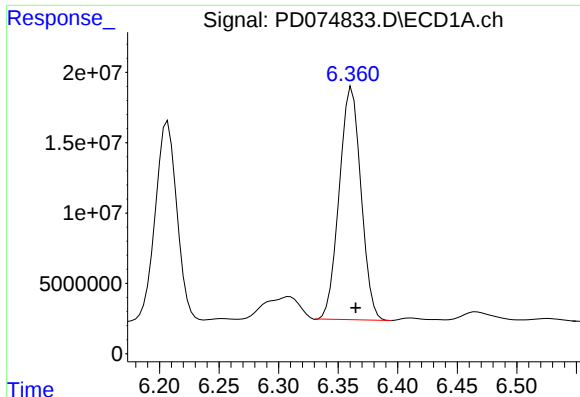
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 179004681
Conc: 55.83 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.001 min
Response: 73525023
Conc: 46.88 ng/ml



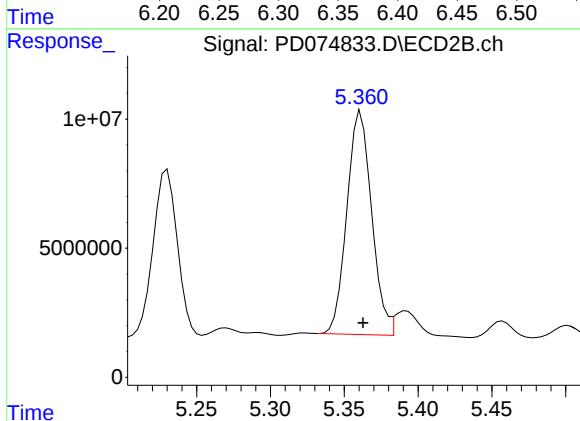
#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: -0.003 min
Response: 209811760
Conc: 61.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
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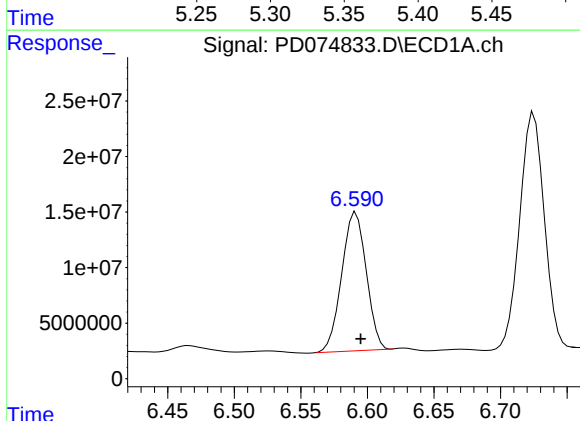
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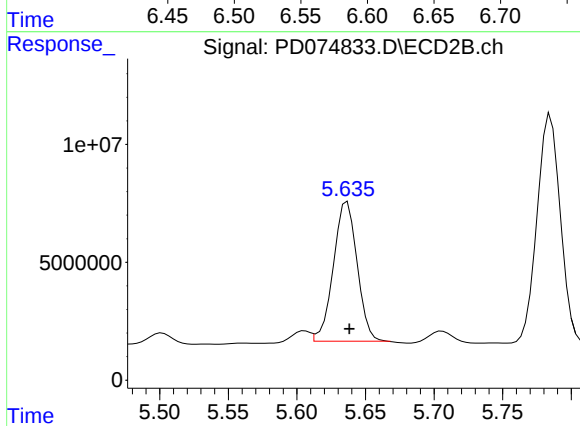
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: -0.001 min
Response: 101376960
Conc: 60.38 ng/ml



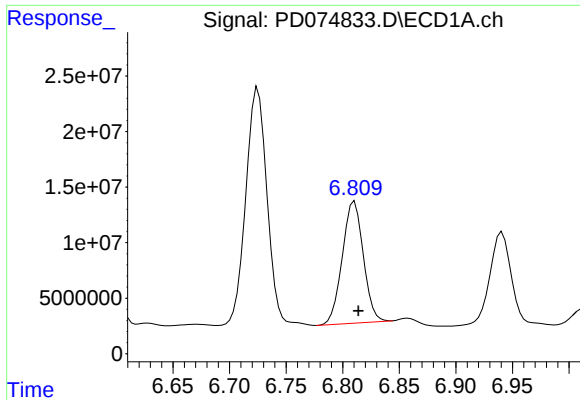
#14 Endrin

R.T.: 6.591 min
Delta R.T.: -0.003 min
Response: 160262471
Conc: 55.16 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.003 min
Response: 71303103
Conc: 47.25 ng/ml m



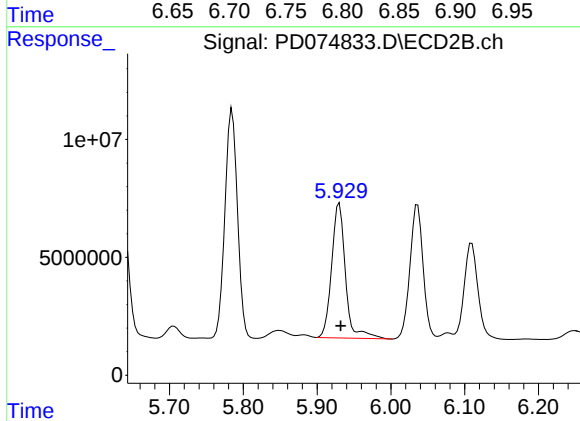
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: -0.004 min
Response: 141463187
Conc: 49.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MSD

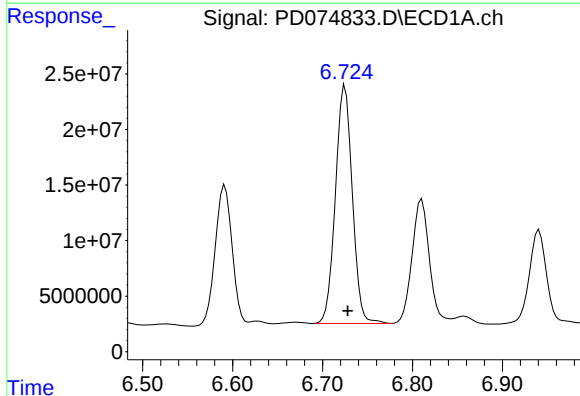
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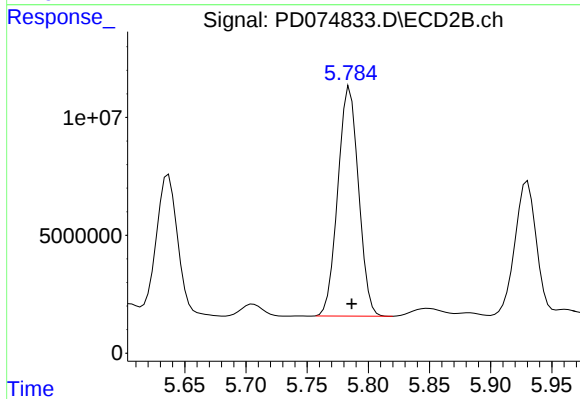
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 74138724
Conc: 53.92 ng/ml



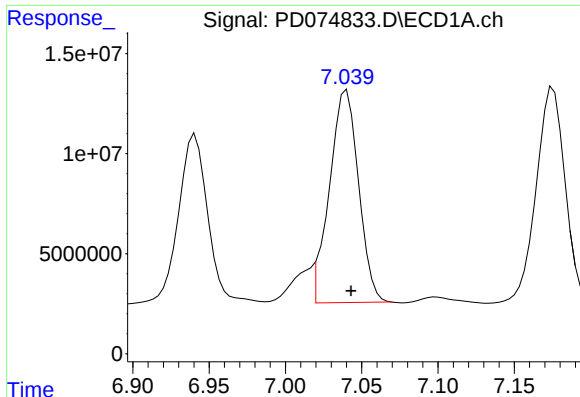
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: -0.003 min
Response: 279742369
Conc: 105.57 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 114615772
Conc: 86.94 ng/ml



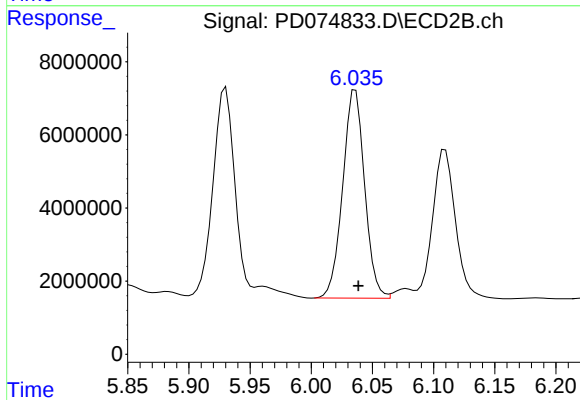
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: -0.004 min
Response: 138441934
Conc: 47.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MSD

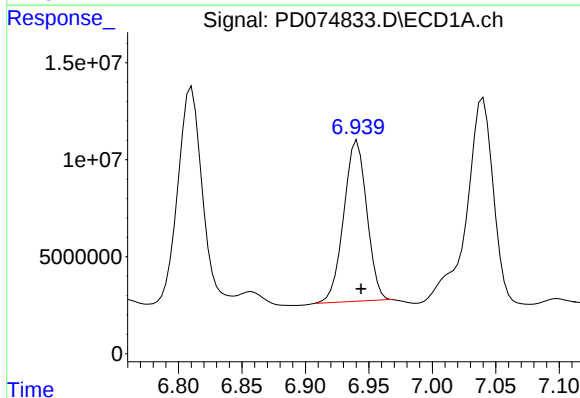
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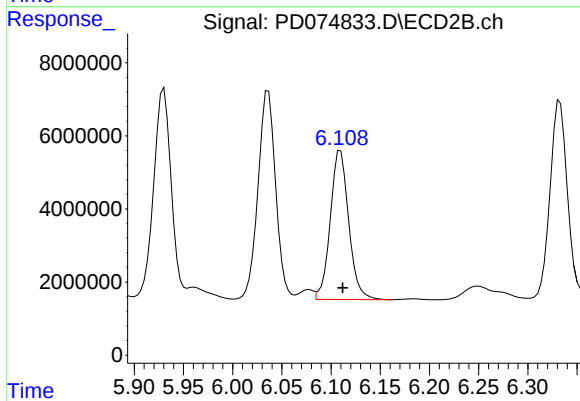
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 71077798
Conc: 52.63 ng/ml



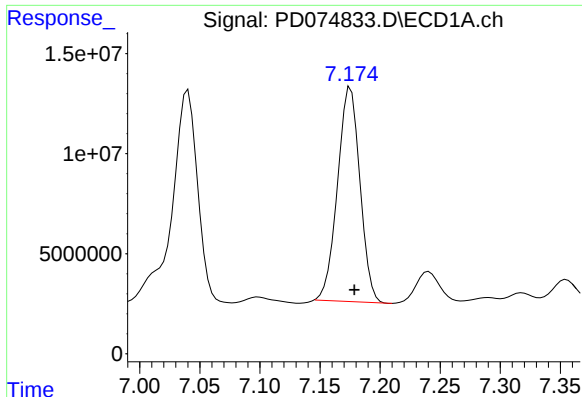
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 104495235
Conc: 45.51 ng/ml m



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 53199306
Conc: 47.66 ng/ml



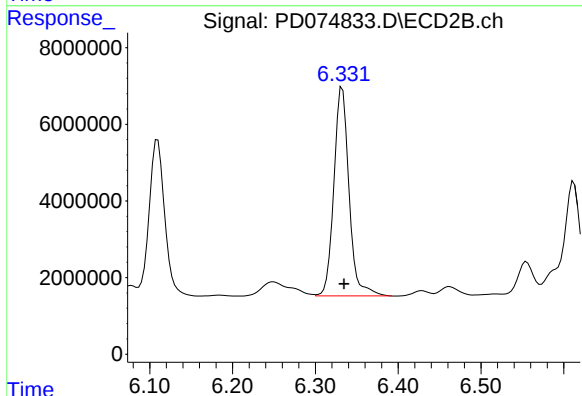
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.003 min
Response: 139341031
Conc: 48.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MSD

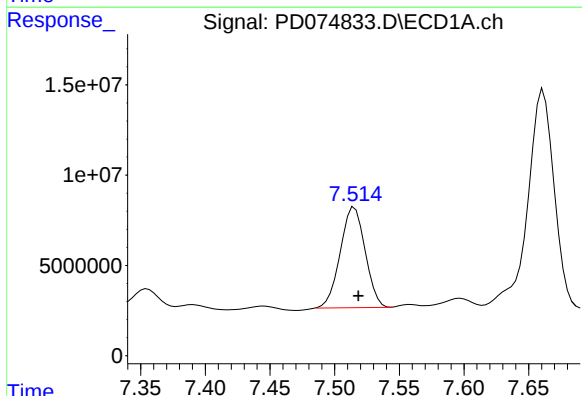
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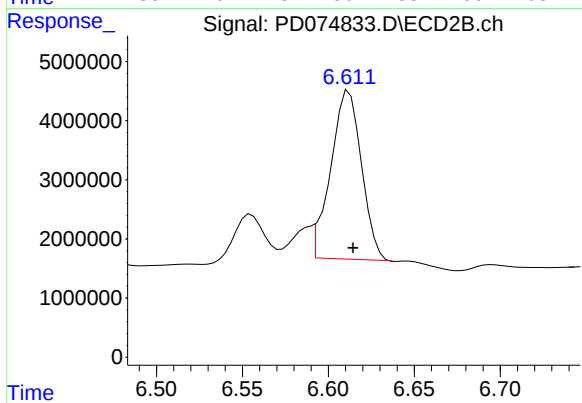
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: -0.002 min
Response: 69355624
Conc: 50.19 ng/ml



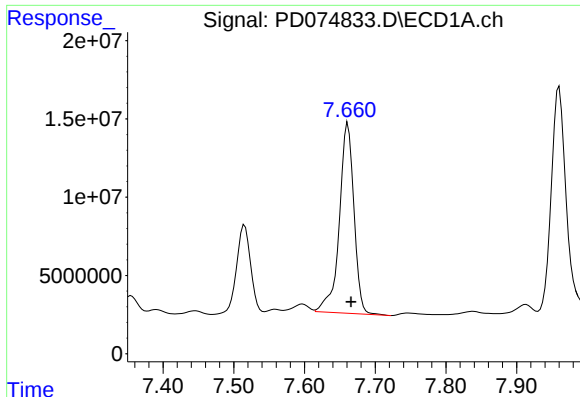
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 74420812
Conc: 45.70 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.004 min
Response: 35042331
Conc: 46.49 ng/ml m



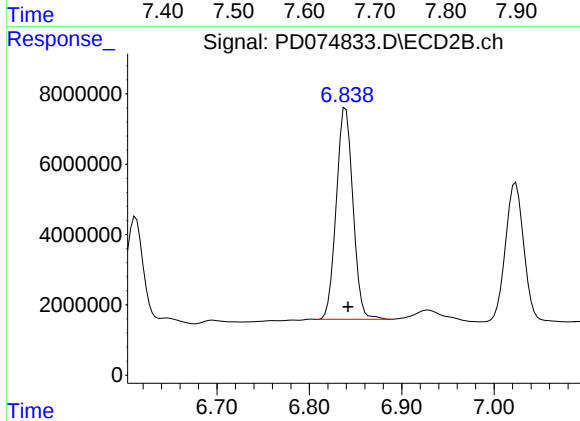
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: -0.004 min
Response: 174855498
Conc: 53.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MSD

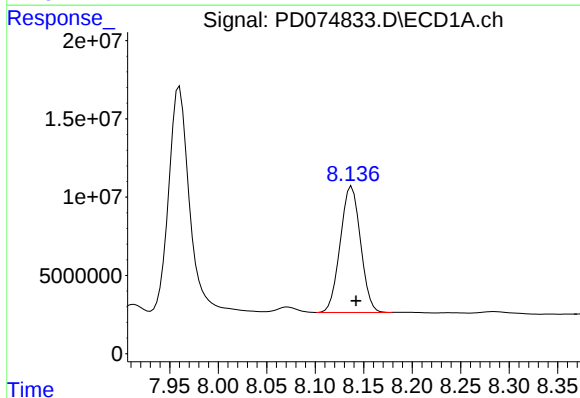
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



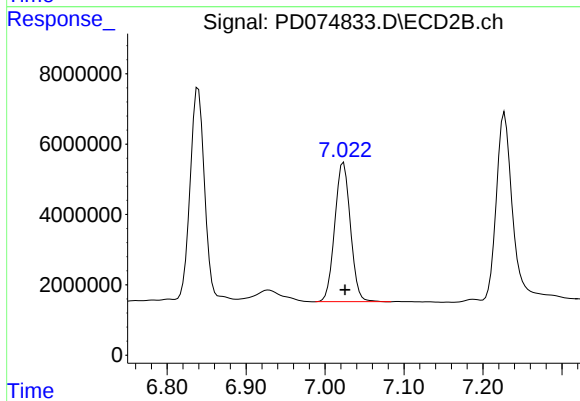
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.003 min
Response: 75446208
Conc: 46.17 ng/ml



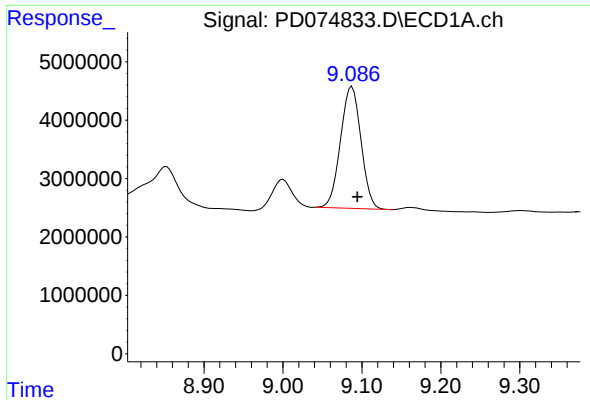
#22 Mirex

R.T.: 8.138 min
Delta R.T.: -0.005 min
Response: 116987008
Conc: 47.11 ng/ml



#22 Mirex

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 54588625
Conc: 42.31 ng/ml



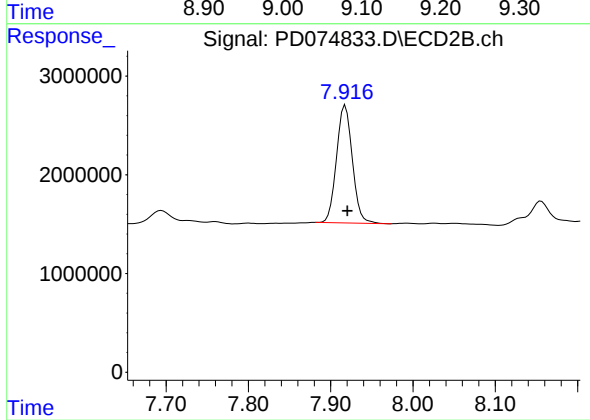
#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.007 min
Response: 37662819
Conc: 12.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPA-1WC-23-04MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 15936074
Conc: 11.95 ng/ml