

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110221\
 Data File : PL070734.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 17:50
 Operator : AR\AJ
 Sample : M4411-01MSD 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-HHMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/03/2021
 Supervised By : mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:46:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 09:09:01 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...	4.583	5.516	1209579	3145737	2.683	2.261m
28) SA Decachlor...	10.344	11.415	1751127	3128066	2.933	2.188 #
Target Compounds						
2) A alpha-BHC	5.287	6.096	3289639	9289449	5.129m	4.383m
3) MA gamma-BHC...	5.712	6.494	3899440	9340059	6.260	4.697
4) MA Heptachlor	6.120	7.141	4116472	9525971	6.112	4.659
5) MB Aldrin	6.444	7.512	3655620	9381061	6.176	4.956
6) B beta-BHC	6.094	6.750	2348694	5416835	7.420	5.448 #
7) B delta-BHC	6.353	7.016	3334135	12948918	5.469	5.718m
8) B Heptachlo...	7.021	7.978	3770403	6365786	6.300	3.643m#
9) A Endosulfan I	7.423	8.383	3264441	7498055	5.804	4.451
10) B gamma-Chl...	7.297	8.245	3773922	11005503	6.220	6.051m
11) B alpha-Chl...	7.367	8.329	3914956	8300716	6.442	4.660 #
12) B 4,4'-DDE	7.582	8.515	3138124	5229164	6.022	2.898 #
13) MA Dieldrin	7.709	8.673	5327969	8157937	9.282m	4.630 #
14) MA Endrin	7.999	8.910	3512564	6546140	6.541	4.323m#
15) B Endosulfa...	8.310	9.146	3974815	8665415	6.962m	5.788
16) A 4,4'-DDD	8.165	9.055	2577446	8331285	5.649m	5.182
17) MA 4,4'-DDT	8.427	9.374	3152792	6777923	6.076	4.193 #
18) B Endrin al...	8.499	9.279	2786240	5475313	6.532	4.649m#
19) B Endosulfa...	8.729	9.518	3829683	5949694	6.794	3.970 #
20) A Methoxychlor	9.023	9.861	1934600	3575177	5.823	4.271 #
21) B Endrin ke...	9.246	10.015	3530487	7465106	5.567m	4.568
22) Mirex	9.431	10.479	4296214	5934650	7.558m	4.963m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110221\
 Data File : PL070734.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 17:50
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 Sample : M4411-01MSD 10X
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Instrument :

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Manual Integrations

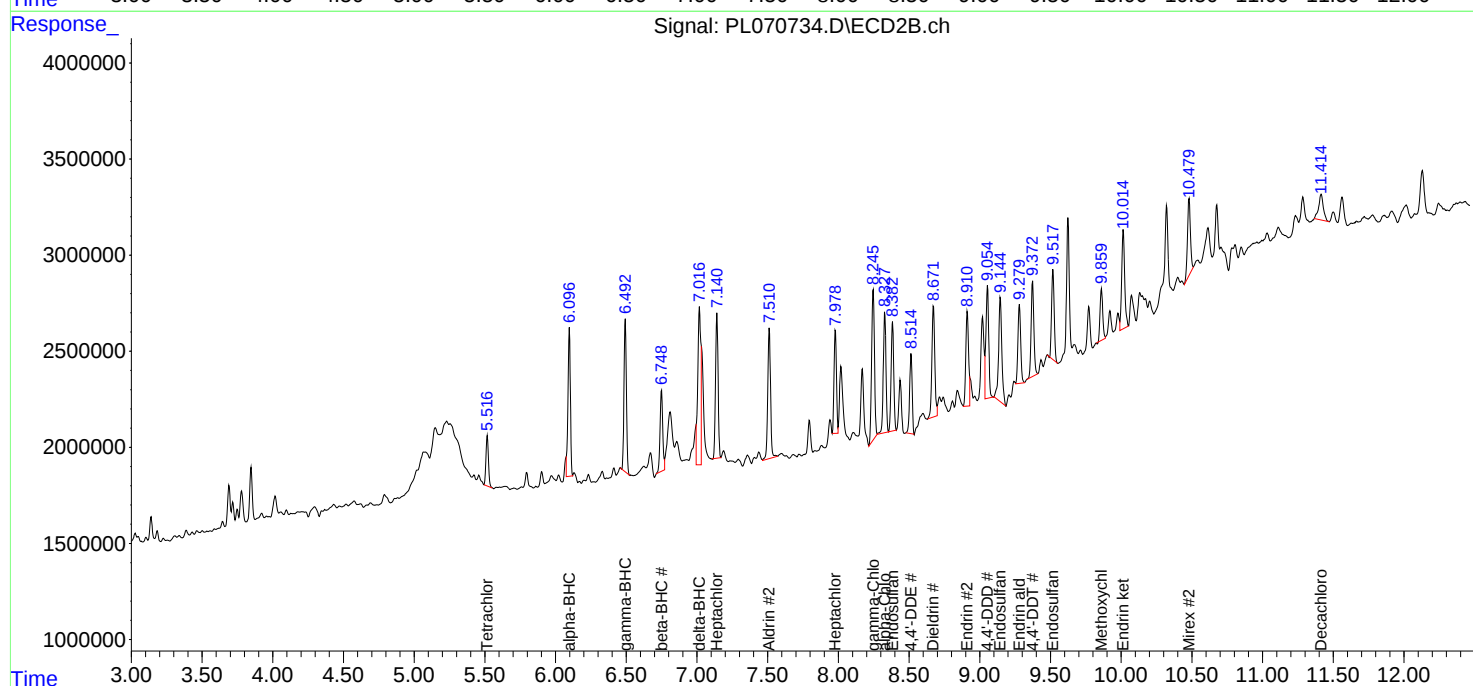
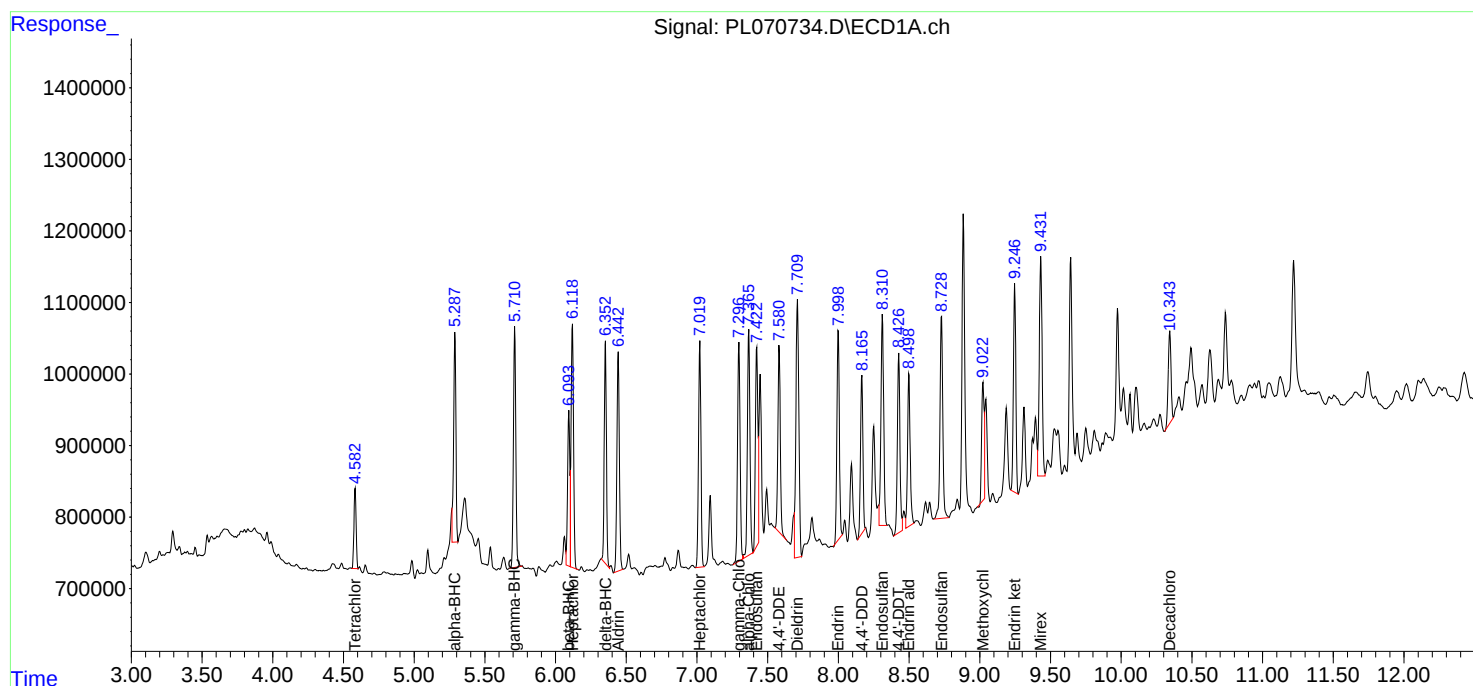
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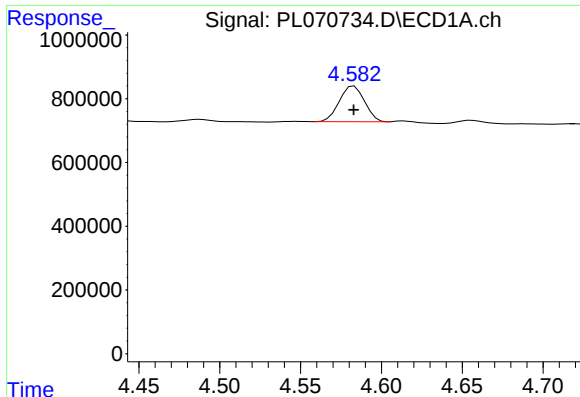
Reviewed By :Abdul Mirza 11/03/2021

Supervised By :mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:46:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





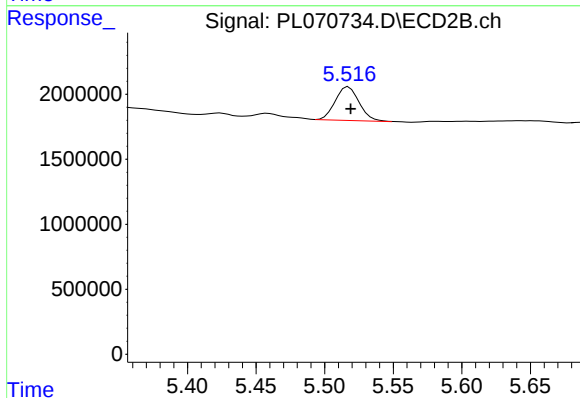
#1 Tetrachloro-m-xylene

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 1209579
Conc: 2.68 ng/ml

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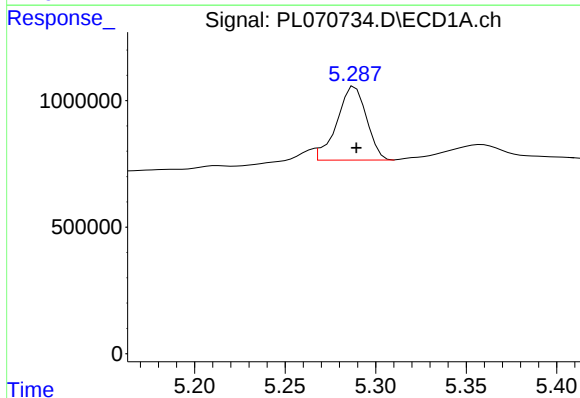
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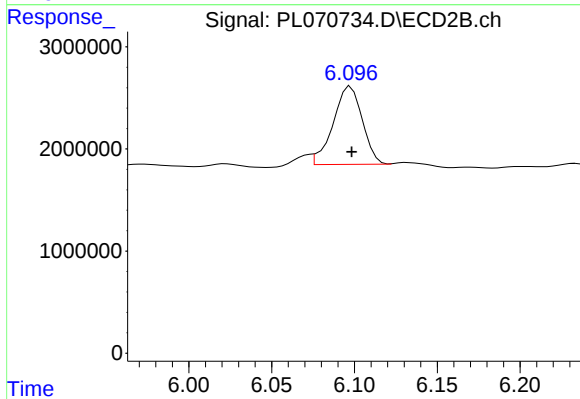
#1 Tetrachloro-m-xylene

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 3145737
Conc: 2.26 ng/ml m



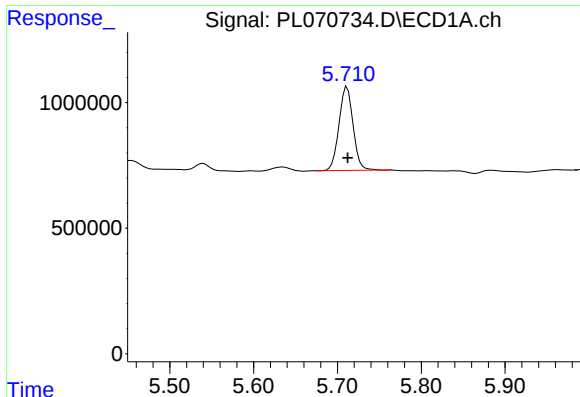
#2 alpha-BHC

R.T.: 5.287 min
Delta R.T.: -0.002 min
Response: 3289639
Conc: 5.13 ng/ml m



#2 alpha-BHC

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 9289449
Conc: 4.38 ng/ml m



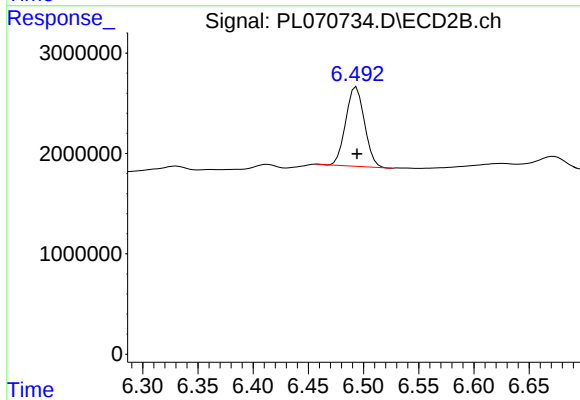
#3 gamma-BHC (Lindane)

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 3899440
Conc: 6.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHMSD

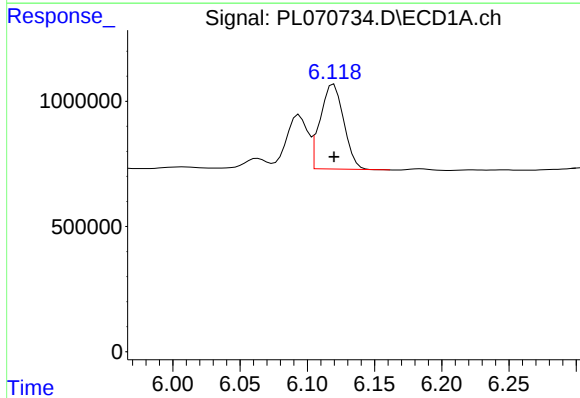
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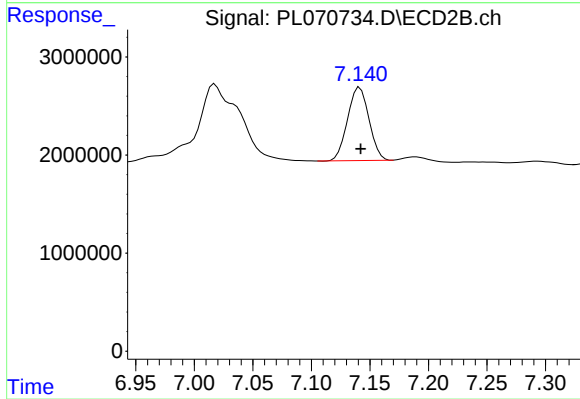
#3 gamma-BHC (Lindane)

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 9340059
Conc: 4.70 ng/ml



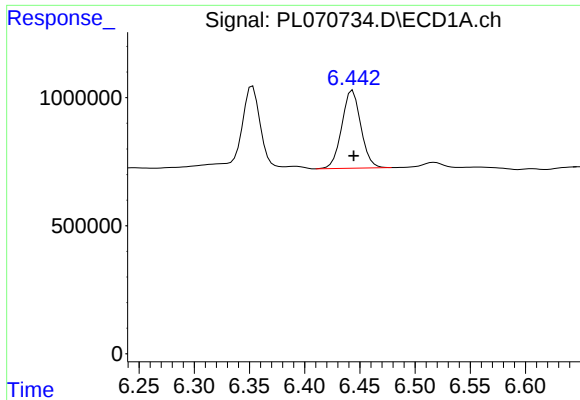
#4 Heptachlor

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 4116472
Conc: 6.11 ng/ml



#4 Heptachlor

R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 9525971
Conc: 4.66 ng/ml



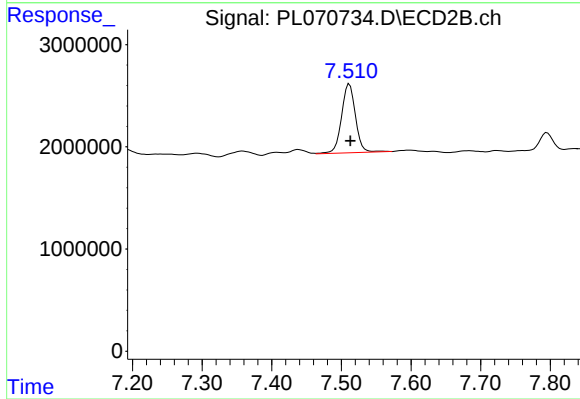
#5 Aldrin

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 3655620
Conc: 6.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
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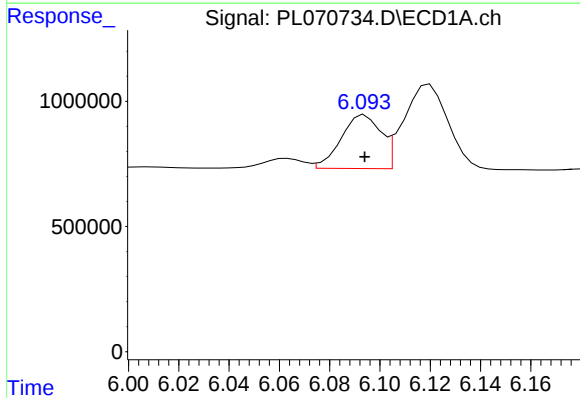
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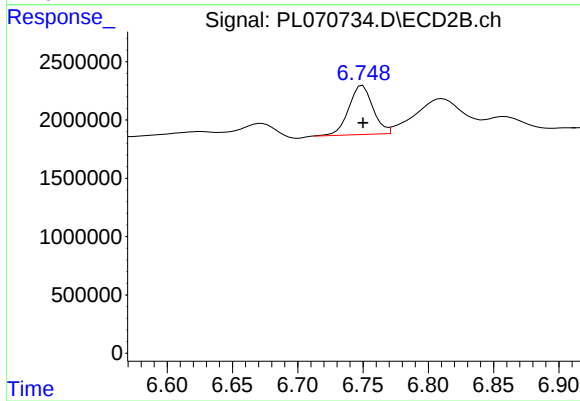
#5 Aldrin

R.T.: 7.512 min
Delta R.T.: -0.001 min
Response: 9381061
Conc: 4.96 ng/ml



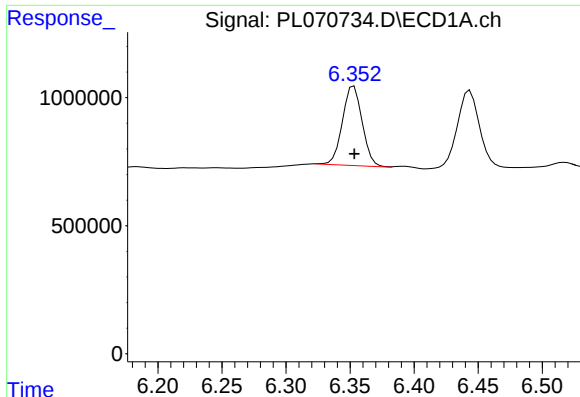
#6 beta-BHC

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 2348694
Conc: 7.42 ng/ml



#6 beta-BHC

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 5416835
Conc: 5.45 ng/ml



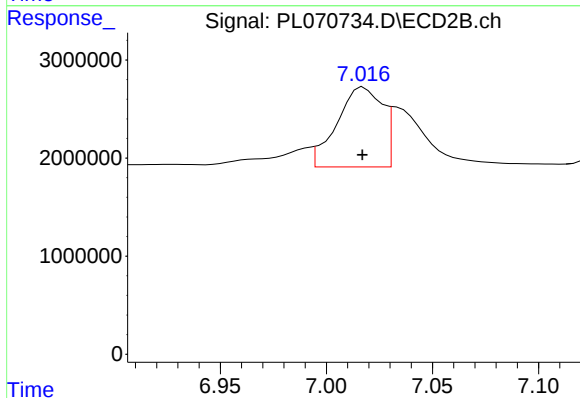
#7 delta-BHC

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 3334135
Conc: 5.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHMSD

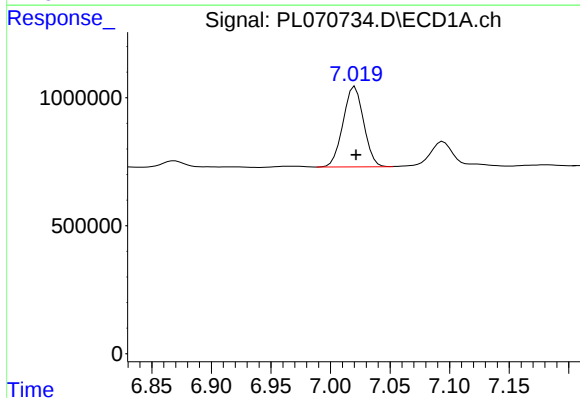
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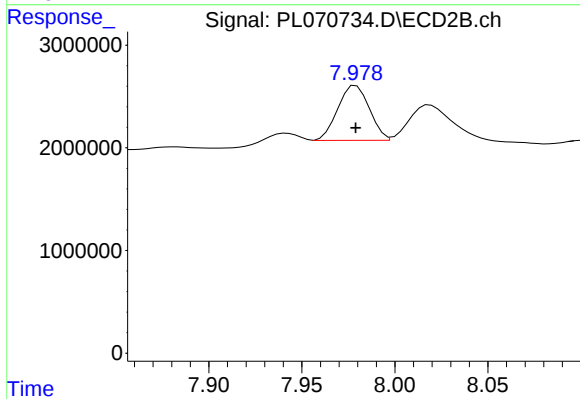
#7 delta-BHC

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 12948918
Conc: 5.72 ng/ml m



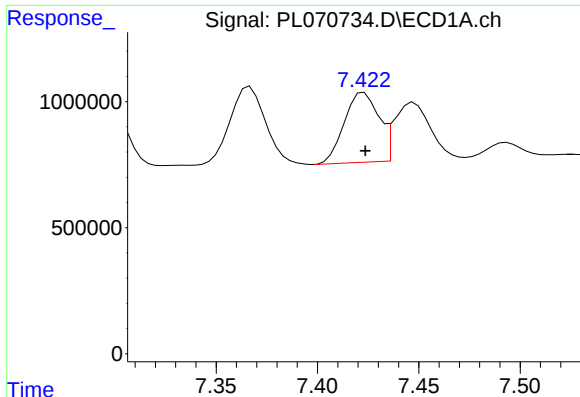
#8 Heptachlor epoxide

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 3770403
Conc: 6.30 ng/ml



#8 Heptachlor epoxide

R.T.: 7.978 min
Delta R.T.: -0.001 min
Response: 6365786
Conc: 3.64 ng/ml m



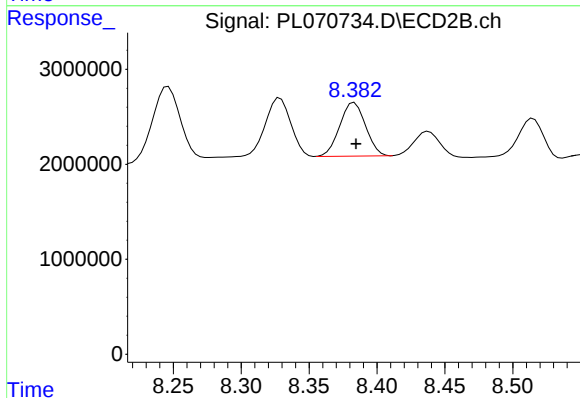
#9 Endosulfan I

R.T.: 7.423 min
Delta R.T.: 0.000 min
Response: 3264441
Conc: 5.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHMSD

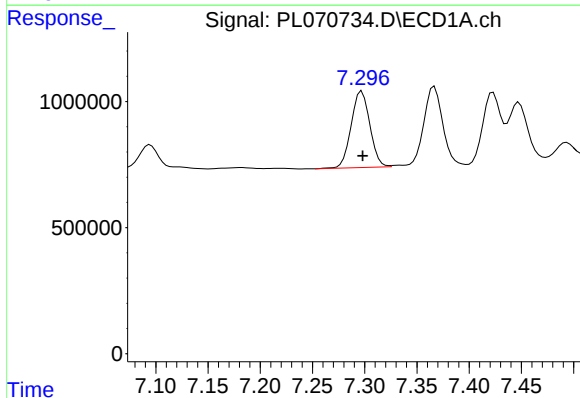
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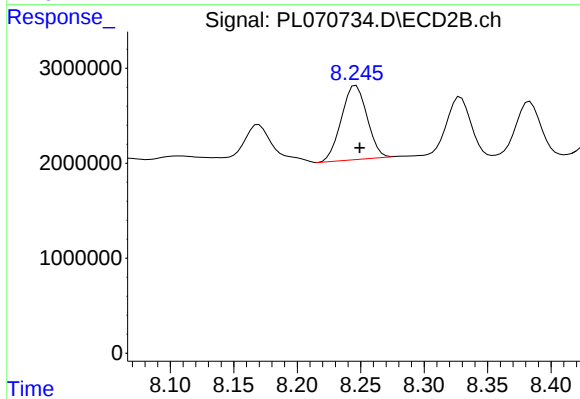
#9 Endosulfan I

R.T.: 8.383 min
Delta R.T.: -0.001 min
Response: 7498055
Conc: 4.45 ng/ml



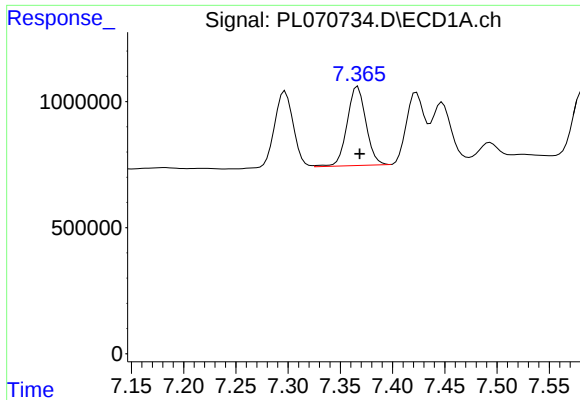
#10 gamma-Chlordane

R.T.: 7.297 min
Delta R.T.: -0.001 min
Response: 3773922
Conc: 6.22 ng/ml



#10 gamma-Chlordane

R.T.: 8.245 min
Delta R.T.: -0.004 min
Response: 11005503
Conc: 6.05 ng/ml m



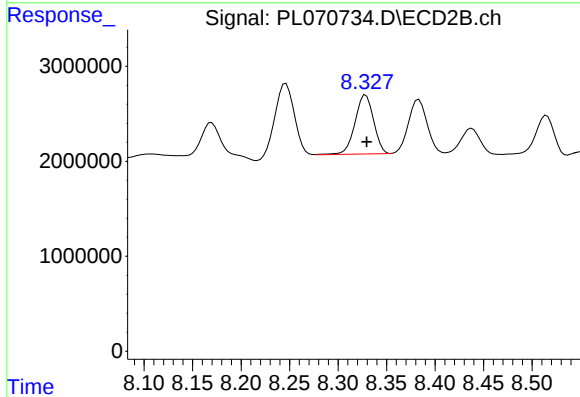
#11 alpha-Chlordane

R.T.: 7.367 min
Delta R.T.: -0.002 min
Response: 3914956
Conc: 6.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHMSD

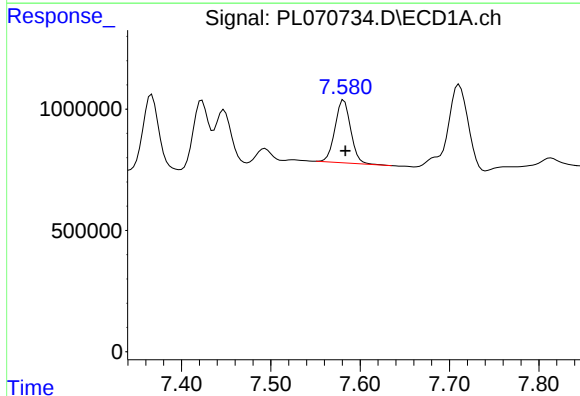
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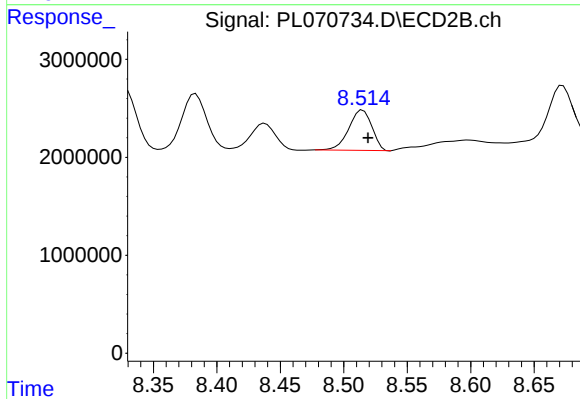
#11 alpha-Chlordane

R.T.: 8.329 min
Delta R.T.: -0.001 min
Response: 8300716
Conc: 4.66 ng/ml



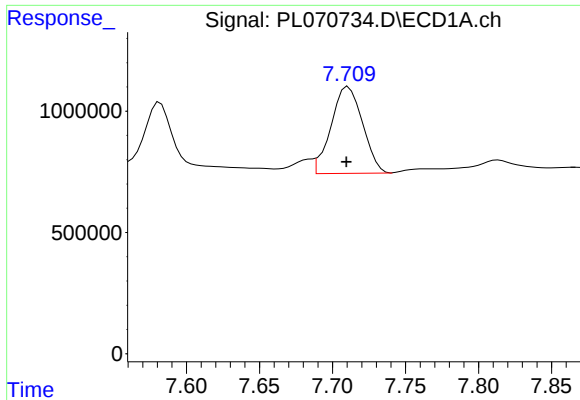
#12 4,4'-DDE

R.T.: 7.582 min
Delta R.T.: -0.001 min
Response: 3138124
Conc: 6.02 ng/ml



#12 4,4'-DDE

R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 5229164
Conc: 2.90 ng/ml



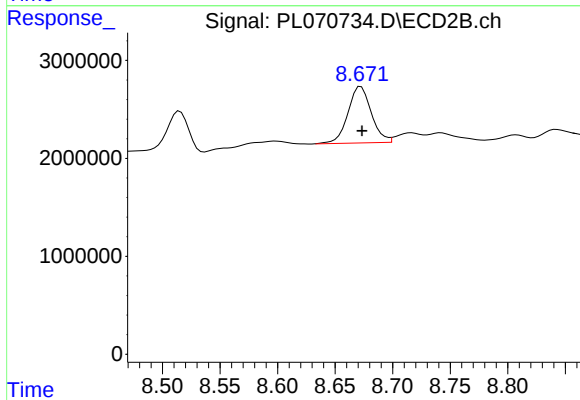
#13 Dieldrin

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 5327969
Conc: 9.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHMSD

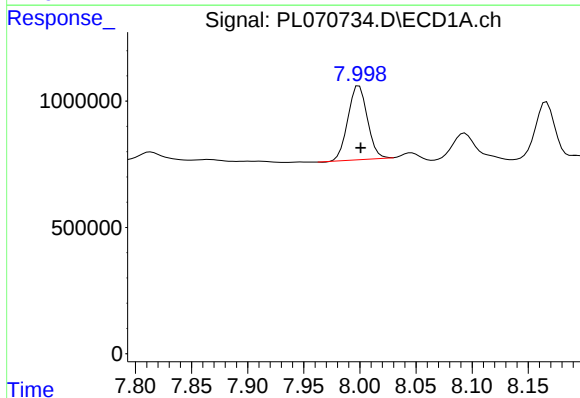
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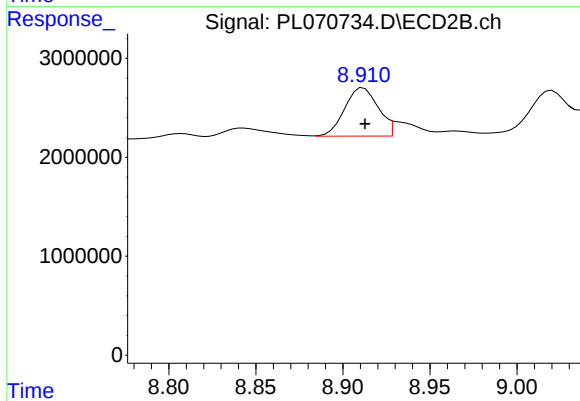
#13 Dieldrin

R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 8157937
Conc: 4.63 ng/ml



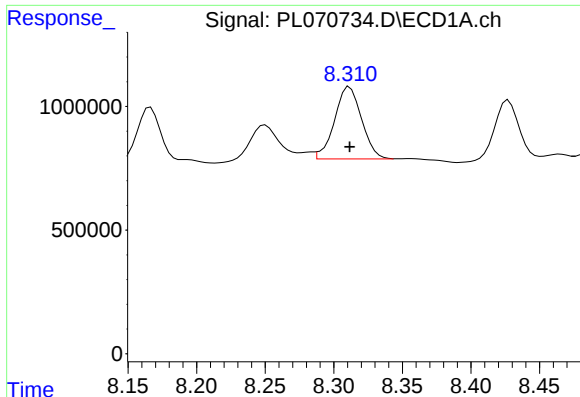
#14 Endrin

R.T.: 7.999 min
Delta R.T.: -0.001 min
Response: 3512564
Conc: 6.54 ng/ml



#14 Endrin

R.T.: 8.910 min
Delta R.T.: -0.002 min
Response: 6546140
Conc: 4.32 ng/ml m



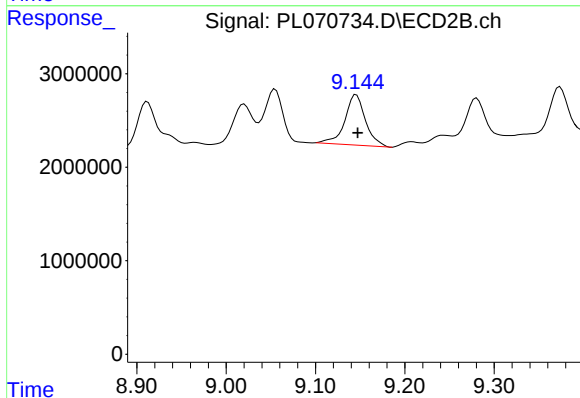
#15 Endosulfan II

R.T.: 8.310 min
Delta R.T.: -0.002 min
Response: 3974815
Conc: 6.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHMSD

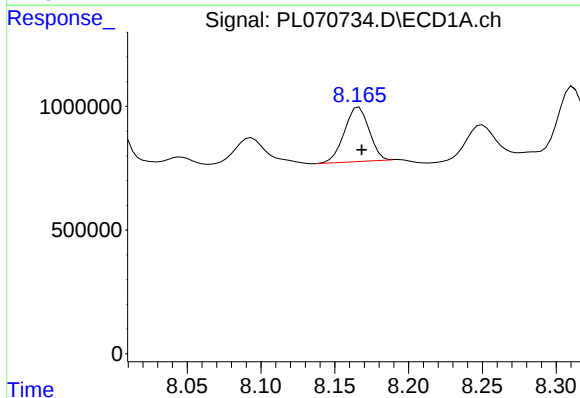
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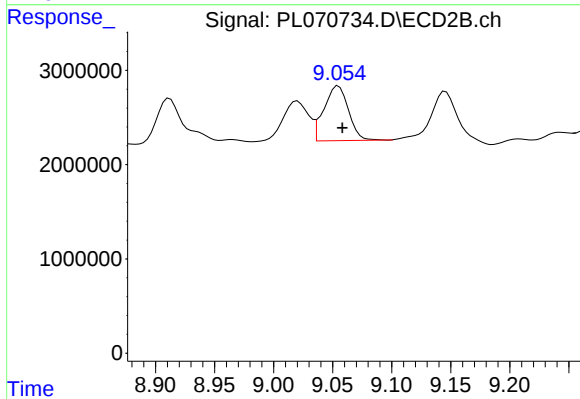
#15 Endosulfan II

R.T.: 9.146 min
Delta R.T.: -0.002 min
Response: 8665415
Conc: 5.79 ng/ml



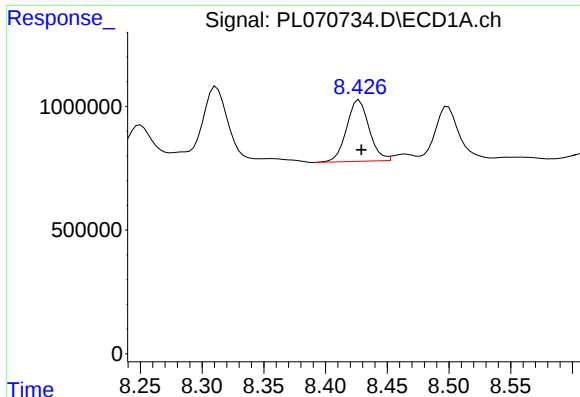
#16 4,4'-DDD

R.T.: 8.165 min
Delta R.T.: -0.003 min
Response: 2577446
Conc: 5.65 ng/ml m



#16 4,4'-DDD

R.T.: 9.055 min
Delta R.T.: -0.003 min
Response: 8331285
Conc: 5.18 ng/ml



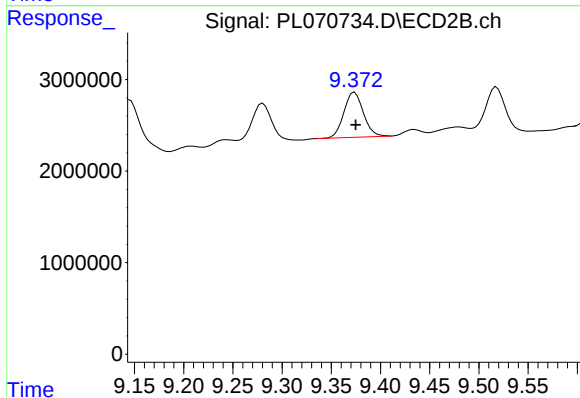
#17 4,4'-DDT

R.T.: 8.427 min
Delta R.T.: -0.002 min
Response: 3152792
Conc: 6.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHMSD

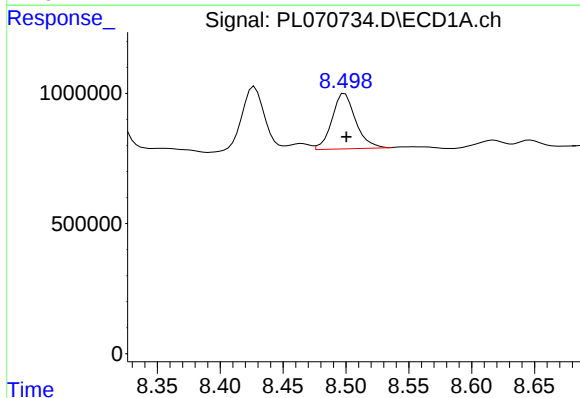
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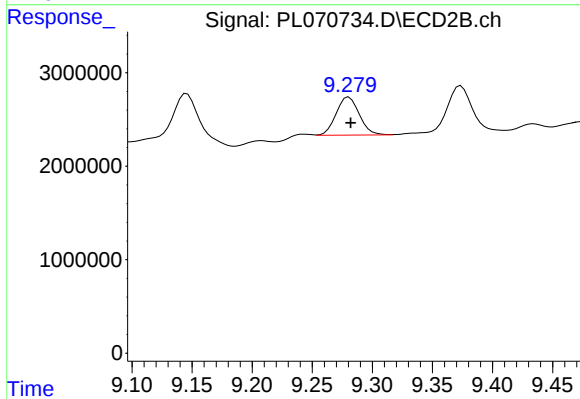
#17 4,4'-DDT

R.T.: 9.374 min
Delta R.T.: -0.001 min
Response: 6777923
Conc: 4.19 ng/ml



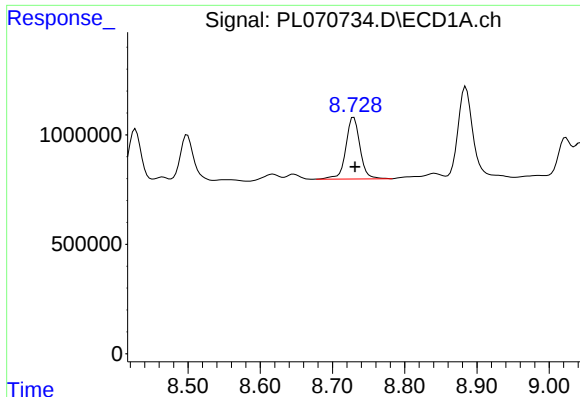
#18 Endrin aldehyde

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 2786240
Conc: 6.53 ng/ml



#18 Endrin aldehyde

R.T.: 9.279 min
Delta R.T.: -0.003 min
Response: 5475313
Conc: 4.65 ng/ml m



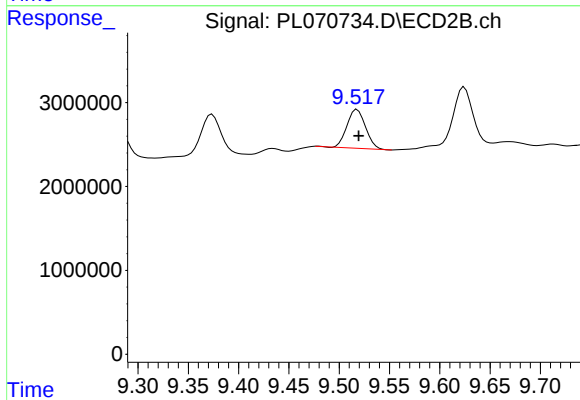
#19 Endosulfan Sulfate

R.T.: 8.729 min
Delta R.T.: -0.002 min
Response: 3829683
Conc: 6.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHMSD

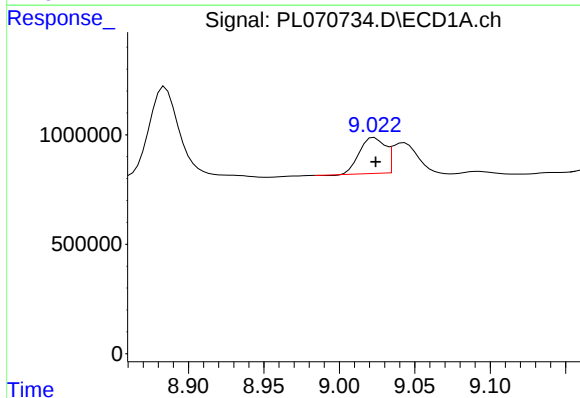
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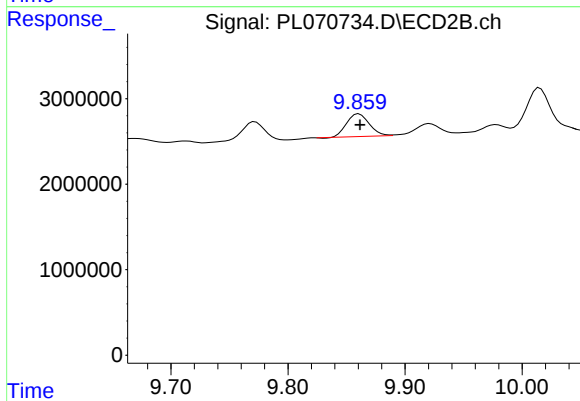
#19 Endosulfan Sulfate

R.T.: 9.518 min
Delta R.T.: -0.002 min
Response: 5949694
Conc: 3.97 ng/ml



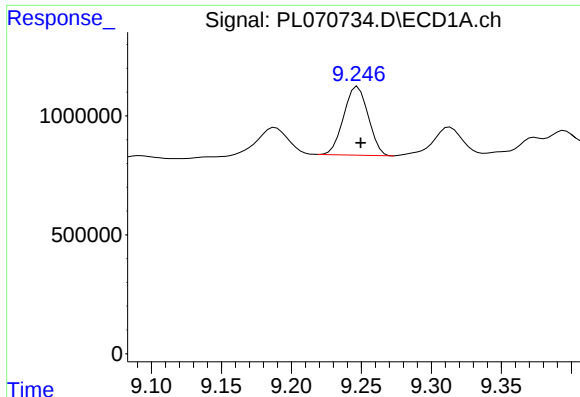
#20 Methoxychlor

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 1934600
Conc: 5.82 ng/ml



#20 Methoxychlor

R.T.: 9.861 min
Delta R.T.: 0.000 min
Response: 3575177
Conc: 4.27 ng/ml



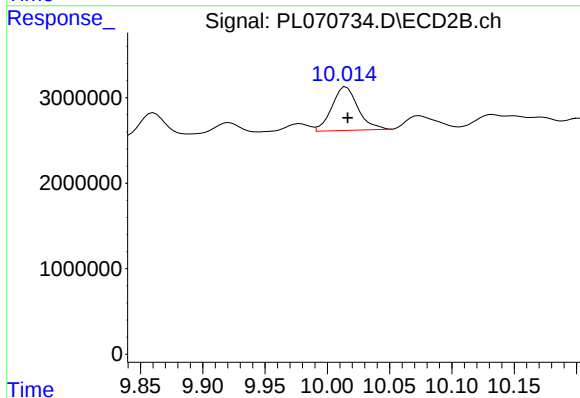
#21 Endrin ketone

R.T.: 9.246 min
Delta R.T.: -0.003 min
Response: 3530487
Conc: 5.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHMSD

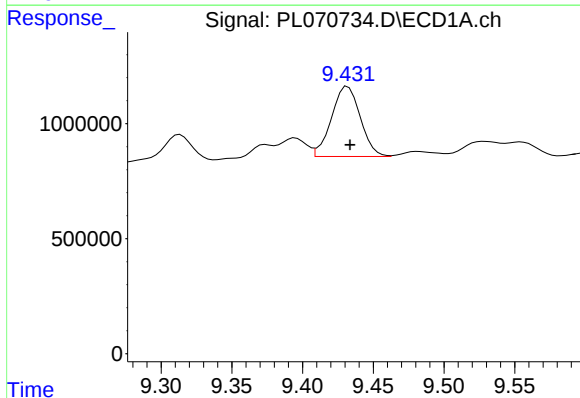
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Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



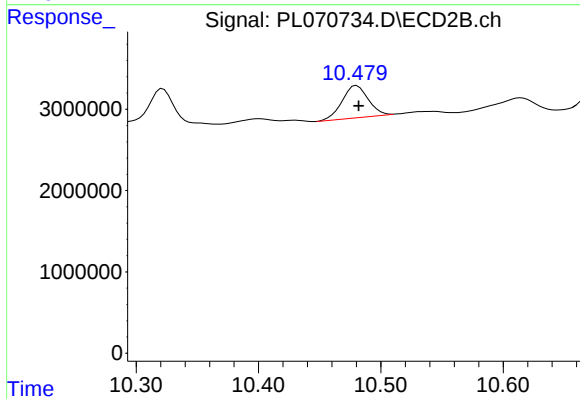
#21 Endrin ketone

R.T.: 10.015 min
Delta R.T.: -0.001 min
Response: 7465106
Conc: 4.57 ng/ml



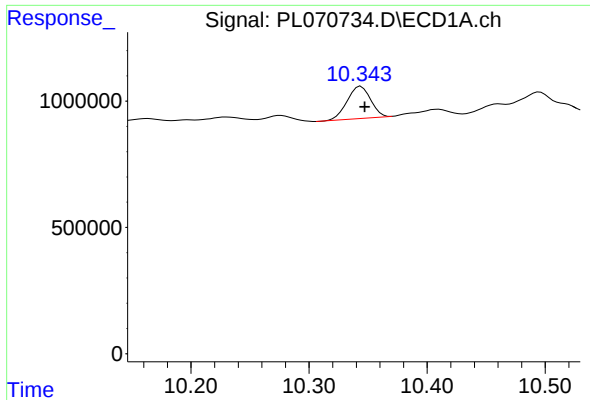
#22 Mirex

R.T.: 9.431 min
Delta R.T.: -0.003 min
Response: 4296214
Conc: 7.56 ng/ml m



#22 Mirex

R.T.: 10.479 min
Delta R.T.: -0.003 min
Response: 5934650
Conc: 4.96 ng/ml m



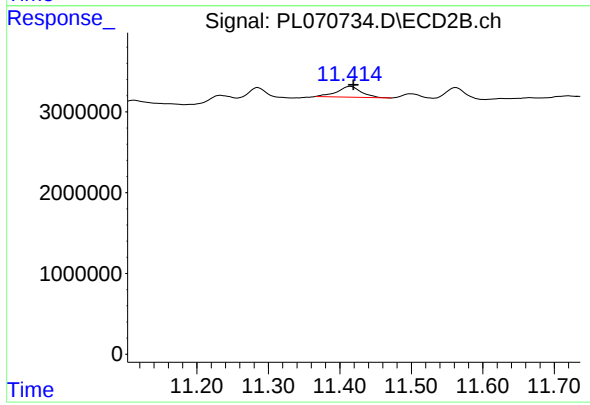
#28 Decachlorobiphenyl

R.T.: 10.344 min
Delta R.T.: -0.003 min
Response: 1751127
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
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#28 Decachlorobiphenyl

R.T.: 11.415 min
Delta R.T.: -0.004 min
Response: 3128066
Conc: 2.19 ng/ml