

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121721\
 Data File : PL071515.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2021 16:10
 Operator : AR\AJ
 Sample : M5051-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P-2MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/20/2021
 Supervised By : mohammad ahmed 12/20/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 23:16:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 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...	4.570	5.498	11201319	28370777	23.632	23.815
28) SA Decachlor...	10.331	11.395	16223629	27088586	24.419	24.932
Target Compounds						
2) A alpha-BHC	5.275	6.080	43966590	116.9E6	69.133m	67.956
3) MA gamma-BHC...	5.699	6.476	41944621	107.2E6	64.190	67.134
4) MA Heptachlor	6.105	7.123	45474052	109.7E6	65.825	68.730
5) MB Aldrin	6.429	7.493	41669845	103.9E6	67.671	71.133
6) B beta-BHC	6.083	6.734	17069188	43469893	59.776	54.307
7) B delta-BHC	6.341	7.001	42410456	107.0E6	67.810	69.998
8) B Heptachlo...	7.007	7.960	40333061	93512046	65.898	69.711
9) A Endosulfan I	7.408	8.365	37846952	84228408	65.191	70.177
10) B gamma-Chl...	7.283	8.230	41434110	92565899	66.752	71.588
11) B alpha-Chl...	7.353	8.311	41093373	90578519	65.885	71.291
12) B 4,4'-DDE	7.568	8.501	37397166	87333207	68.526	73.317
13) MA Dieldrin	7.695	8.655	40653088	90713441	69.420	74.612
14) MA Endrin	7.986	8.894	38257910	76595296	69.850	75.605
15) B Endosulfa...	8.297	9.130	37921206	77742921	69.577	77.040
16) A 4,4'-DDD	8.154	9.041	31773606	67638176	67.507	76.626
17) MA 4,4'-DDT	8.415	9.358	34657674	72944368	67.911	73.767
18) B Endrin al...	8.486	9.265	30799343	61573721	72.427	81.743
19) B Endosulfa...	8.717	9.502	37748450	71790263	65.751	73.248
20) A Methoxychlor	9.010	9.846	21587911	38097326	66.650	75.895
21) B Endrin ke...	9.235	9.999	43948586	75766723	66.634	72.050
22) Mirex	9.418	10.463	38374418	60640721	66.143	75.344

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121721\
 Data File : PL071515.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2021 16:10
 Operator : AR\AJ
 Sample : M5051-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

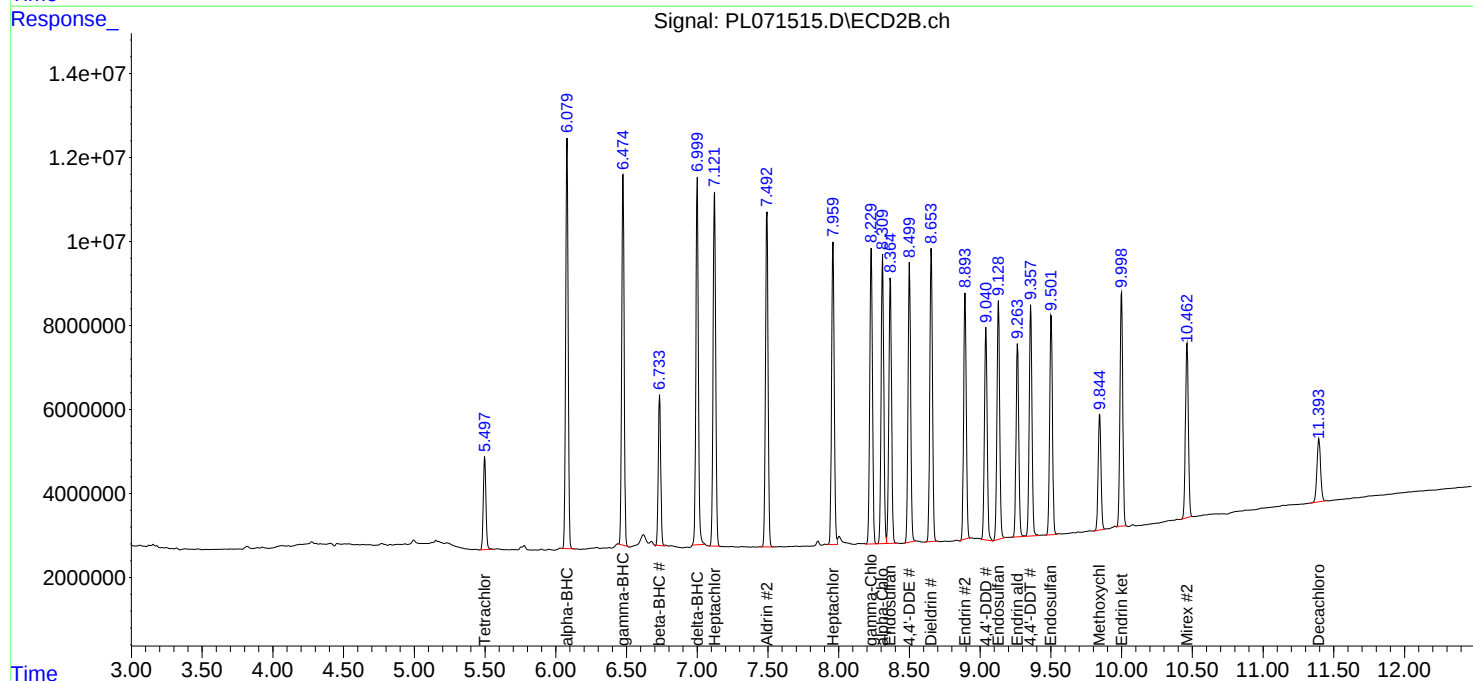
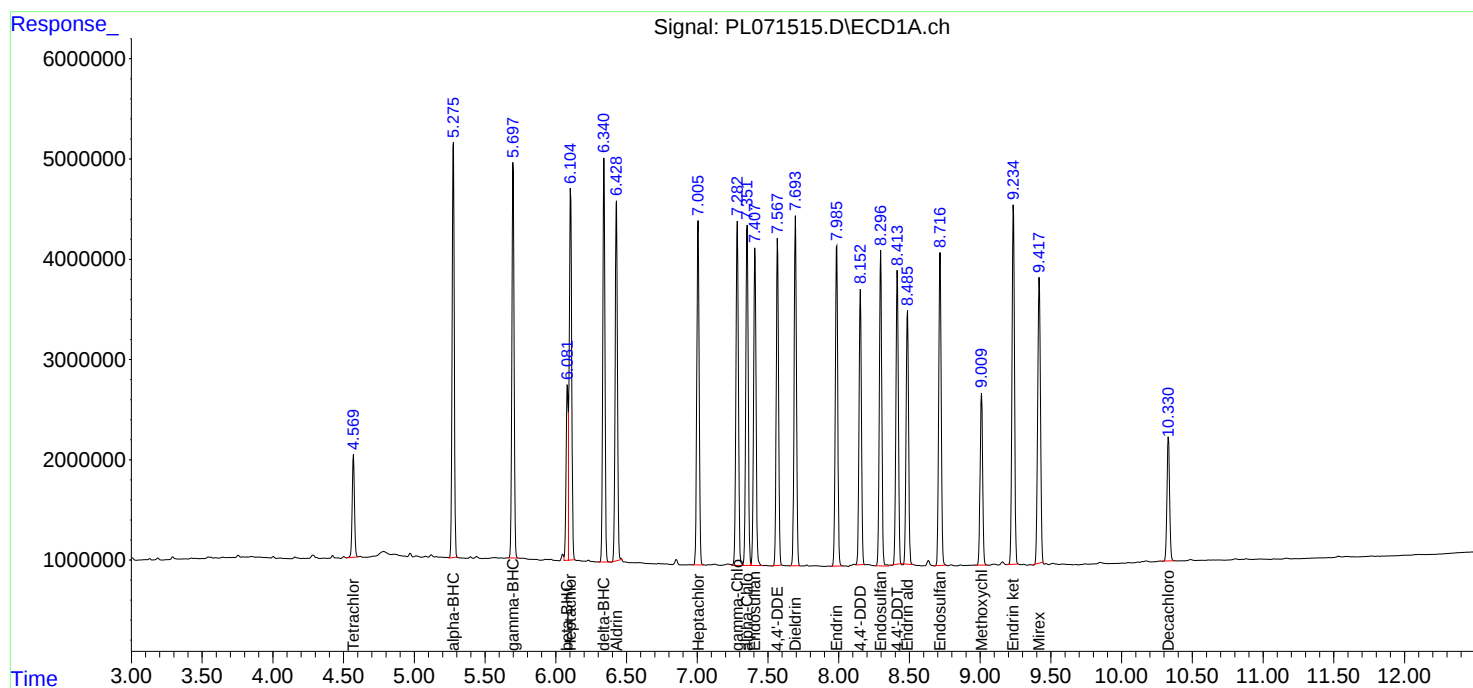
Instrument :
 ECD_L
 ClientSampleId :
 P-2MSD

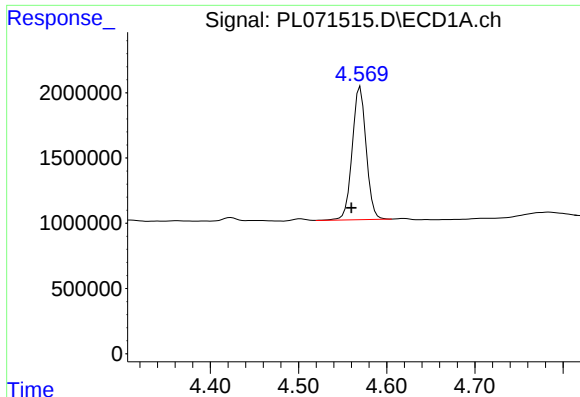
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/20/2021
 Supervised By :mohammad ahmed 12/20/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 23:16:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.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





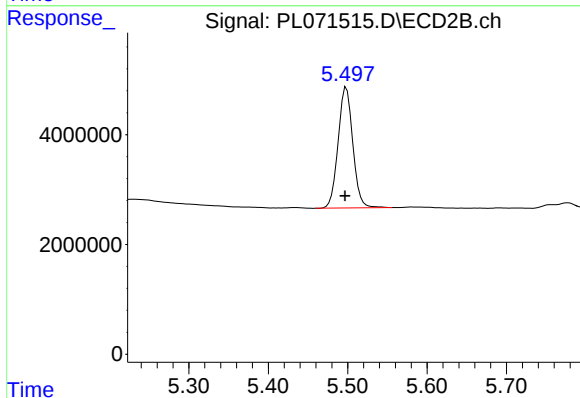
#1 Tetrachloro-m-xylene

R.T.: 4.570 min
Delta R.T.: 0.010 min
Response: 11201319
Conc: 23.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

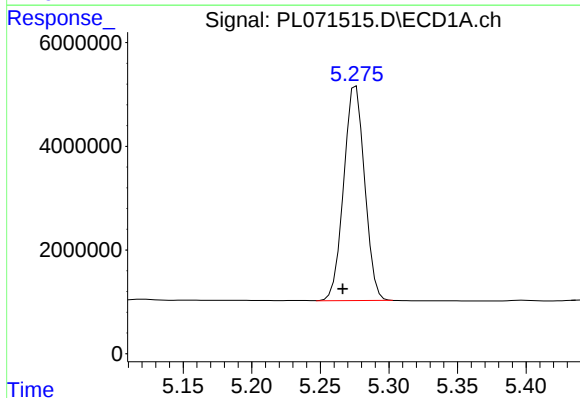
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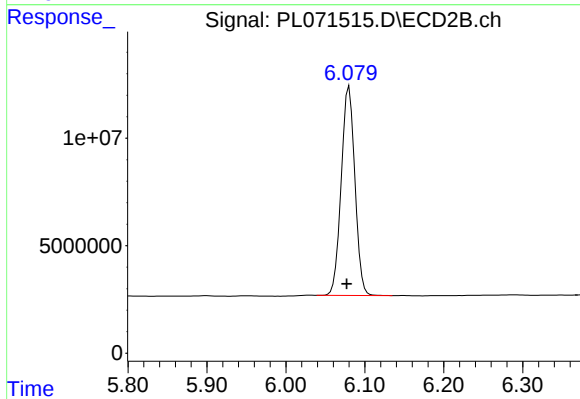
#1 Tetrachloro-m-xylene

R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 28370777
Conc: 23.81 ng/ml



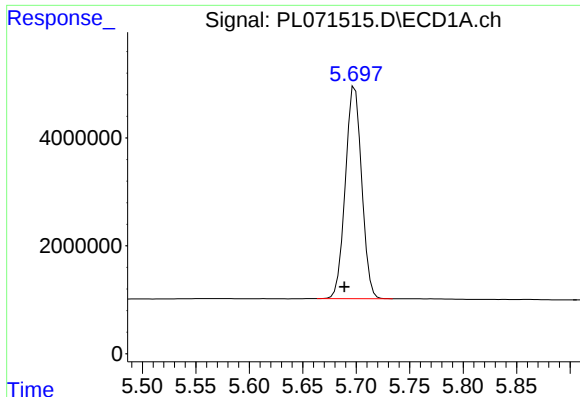
#2 alpha-BHC

R.T.: 5.275 min
Delta R.T.: 0.008 min
Response: 43966590
Conc: 69.13 ng/ml m



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 116862807
Conc: 67.96 ng/ml



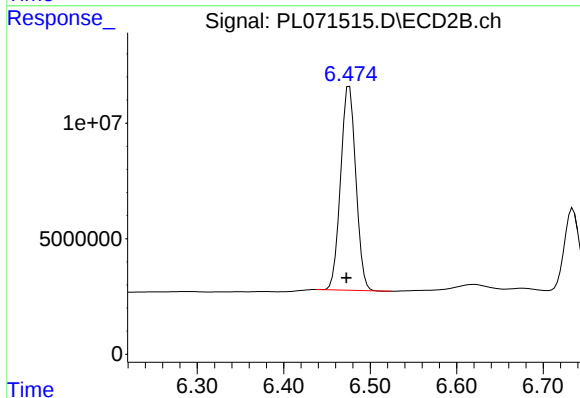
#3 gamma-BHC (Lindane)

R.T.: 5.699 min
Delta R.T.: 0.010 min
Response: 41944621
Conc: 64.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

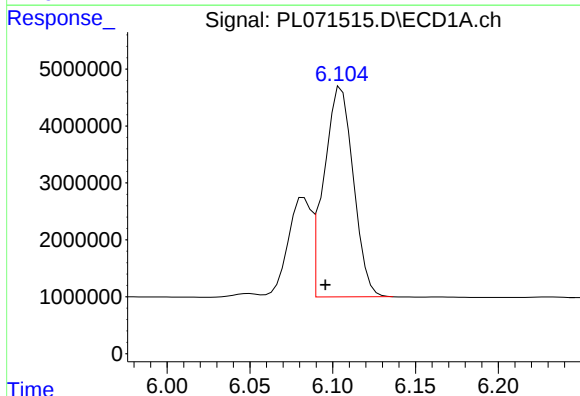
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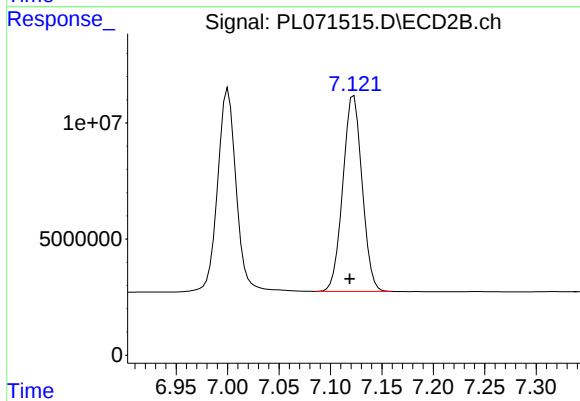
#3 gamma-BHC (Lindane)

R.T.: 6.476 min
Delta R.T.: 0.003 min
Response: 107153014
Conc: 67.13 ng/ml



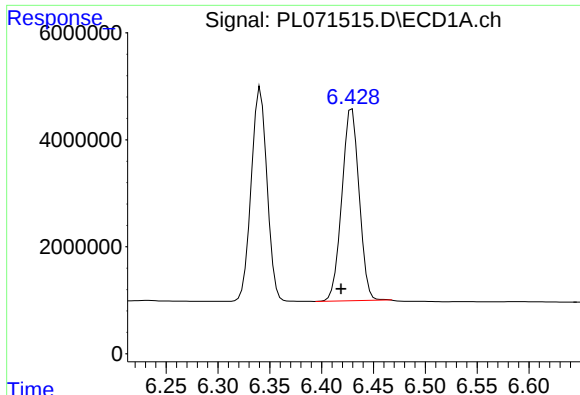
#4 Heptachlor

R.T.: 6.105 min
Delta R.T.: 0.010 min
Response: 45474052
Conc: 65.83 ng/ml



#4 Heptachlor

R.T.: 7.123 min
Delta R.T.: 0.004 min
Response: 109709212
Conc: 68.73 ng/ml



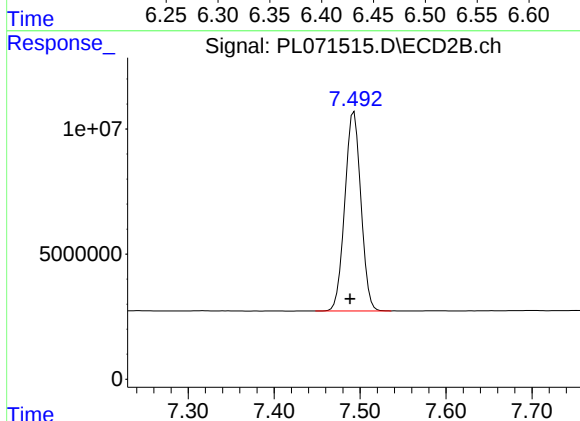
#5 Aldrin

R.T.: 6.429 min
Delta R.T.: 0.011 min
Response: 41669845
Conc: 67.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

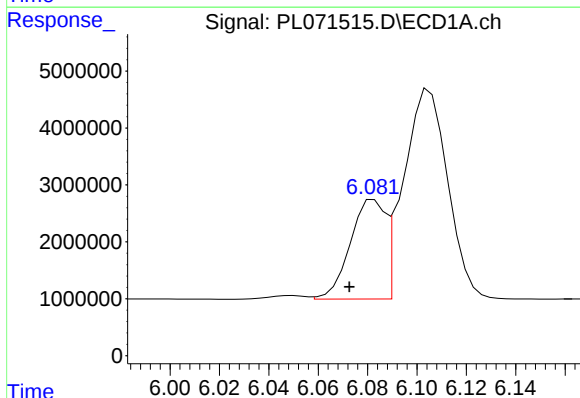
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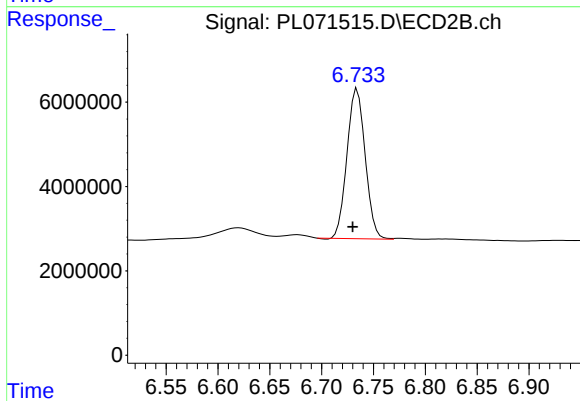
#5 Aldrin

R.T.: 7.493 min
Delta R.T.: 0.005 min
Response: 103893748
Conc: 71.13 ng/ml



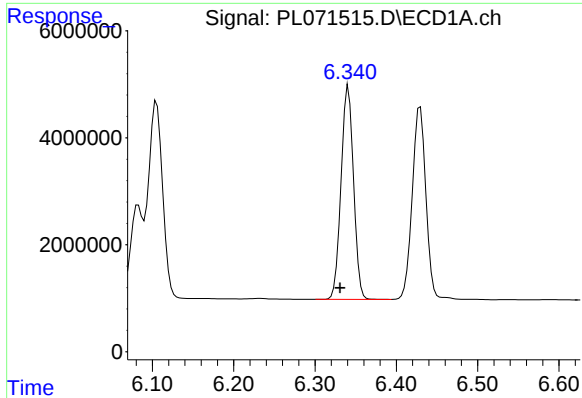
#6 beta-BHC

R.T.: 6.083 min
Delta R.T.: 0.010 min
Response: 17069188
Conc: 59.78 ng/ml



#6 beta-BHC

R.T.: 6.734 min
Delta R.T.: 0.004 min
Response: 43469893
Conc: 54.31 ng/ml



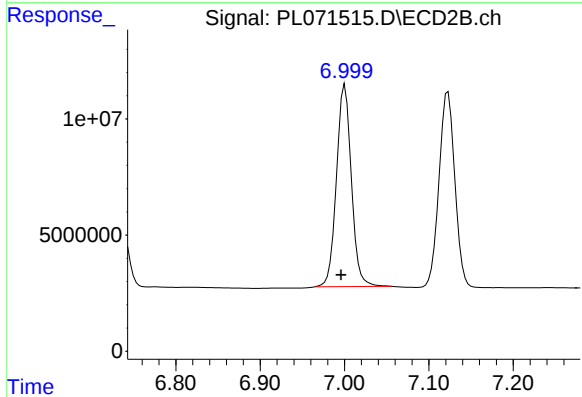
#7 delta-BHC

R.T.: 6.341 min
Delta R.T.: 0.010 min
Response: 42410456
Conc: 67.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

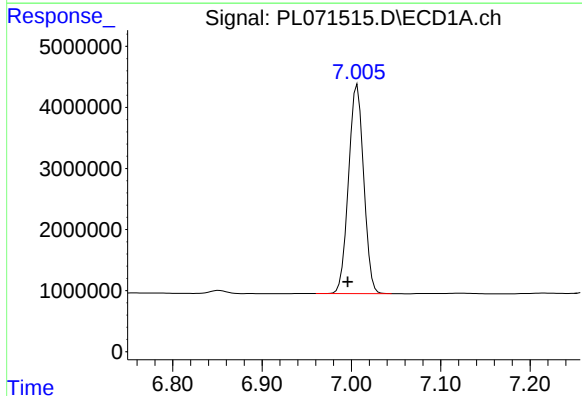
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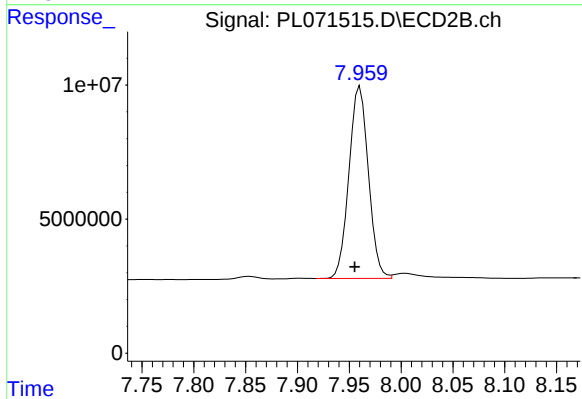
#7 delta-BHC

R.T.: 7.001 min
Delta R.T.: 0.005 min
Response: 106953301
Conc: 70.00 ng/ml



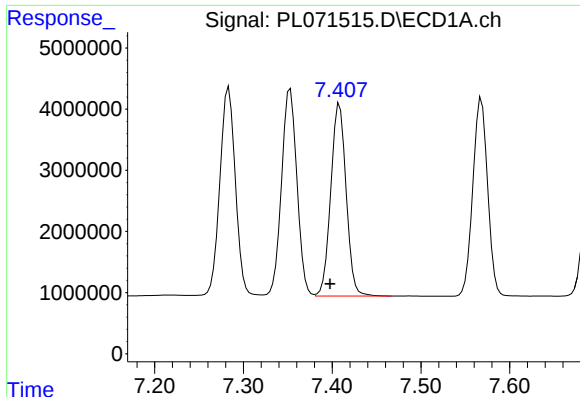
#8 Heptachlor epoxide

R.T.: 7.007 min
Delta R.T.: 0.011 min
Response: 40333061
Conc: 65.90 ng/ml



#8 Heptachlor epoxide

R.T.: 7.960 min
Delta R.T.: 0.005 min
Response: 93512046
Conc: 69.71 ng/ml



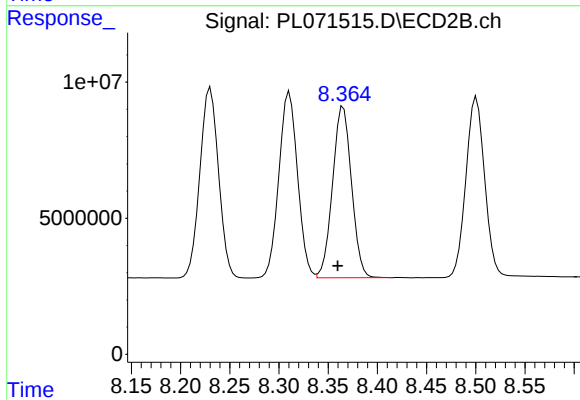
#9 Endosulfan I

R.T.: 7.408 min
Delta R.T.: 0.011 min
Response: 37846952
Conc: 65.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

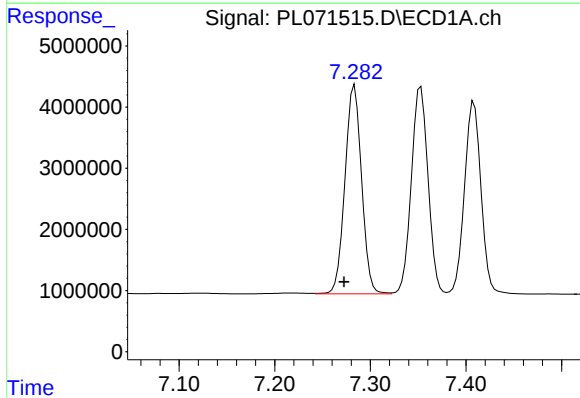
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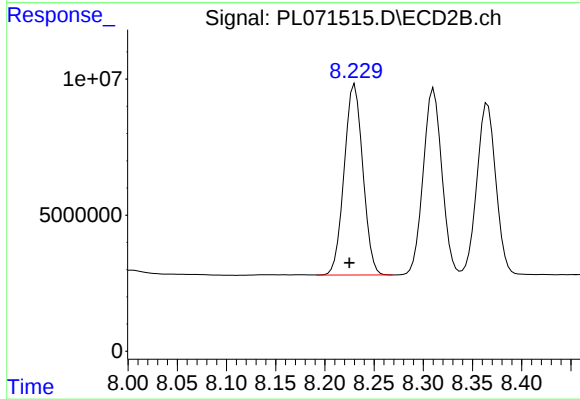
#9 Endosulfan I

R.T.: 8.365 min
Delta R.T.: 0.005 min
Response: 84228408
Conc: 70.18 ng/ml



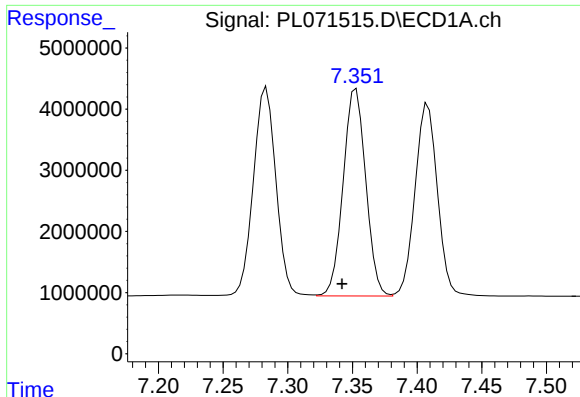
#10 gamma-Chlordane

R.T.: 7.283 min
Delta R.T.: 0.011 min
Response: 41434110
Conc: 66.75 ng/ml



#10 gamma-Chlordane

R.T.: 8.230 min
Delta R.T.: 0.005 min
Response: 92565899
Conc: 71.59 ng/ml



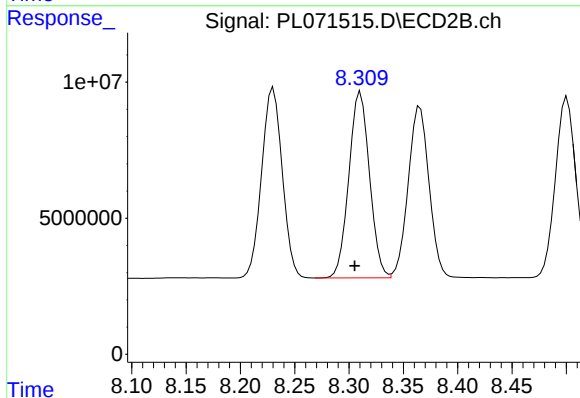
#11 alpha-Chlordane

R.T.: 7.353 min
Delta R.T.: 0.011 min
Response: 41093373
Conc: 65.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

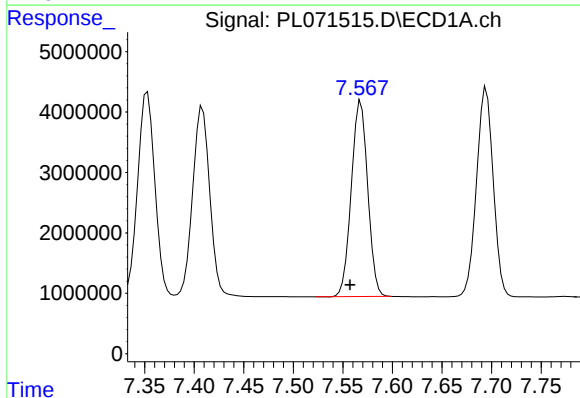
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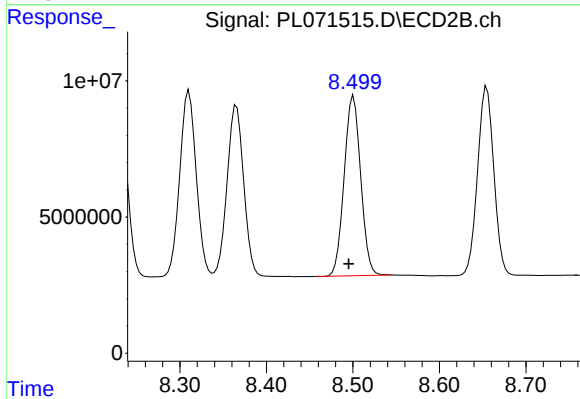
#11 alpha-Chlordane

R.T.: 8.311 min
Delta R.T.: 0.005 min
Response: 90578519
Conc: 71.29 ng/ml



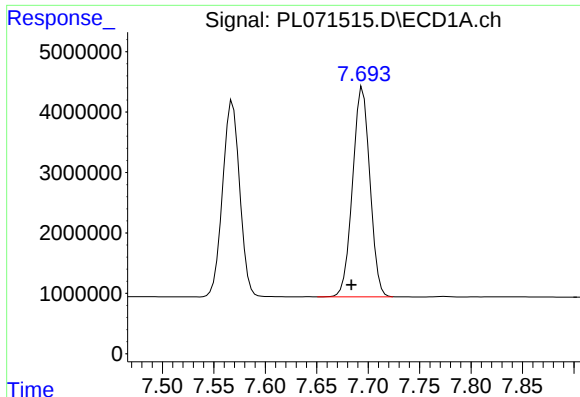
#12 4,4'-DDE

R.T.: 7.568 min
Delta R.T.: 0.011 min
Response: 37397166
Conc: 68.53 ng/ml



#12 4,4'-DDE

R.T.: 8.501 min
Delta R.T.: 0.006 min
Response: 87333207
Conc: 73.32 ng/ml



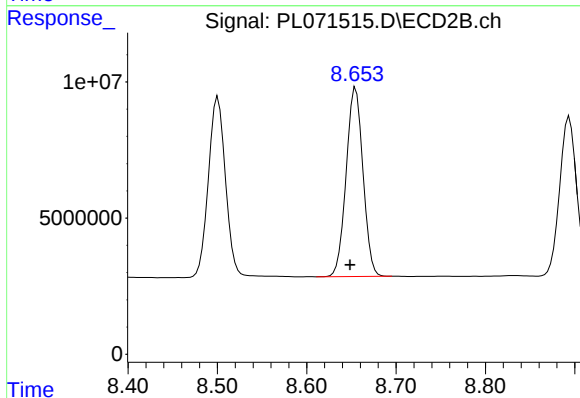
#13 Dieldrin

R.T.: 7.695 min
Delta R.T.: 0.011 min
Response: 40653088
Conc: 69.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

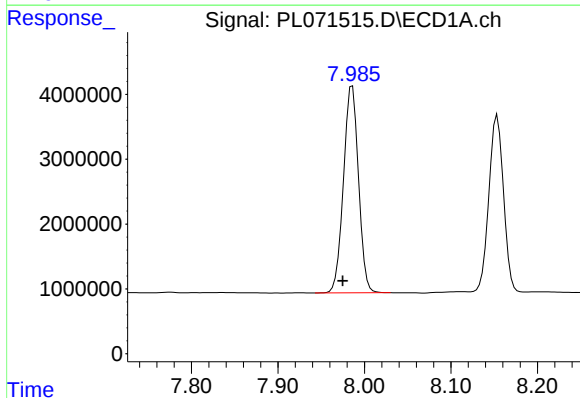
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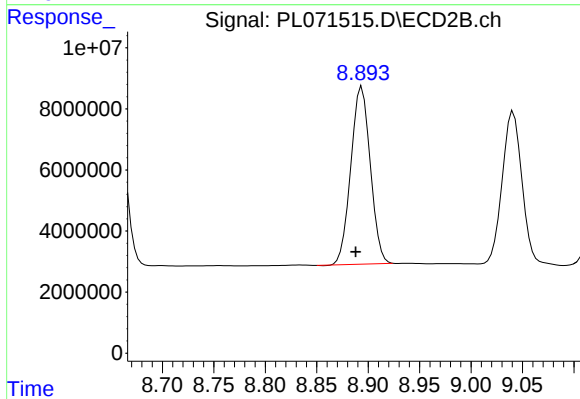
#13 Dieldrin

R.T.: 8.655 min
Delta R.T.: 0.006 min
Response: 90713441
Conc: 74.61 ng/ml



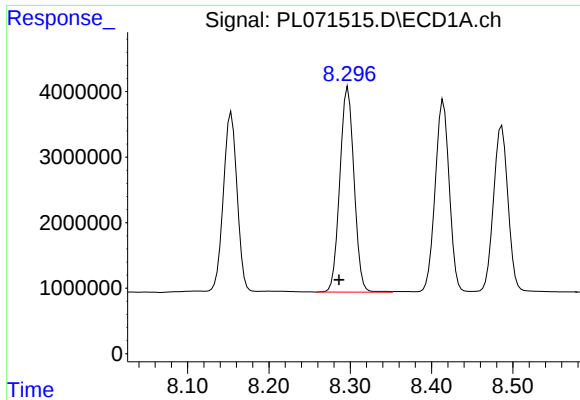
#14 Endrin

R.T.: 7.986 min
Delta R.T.: 0.011 min
Response: 38257910
Conc: 69.85 ng/ml



#14 Endrin

R.T.: 8.894 min
Delta R.T.: 0.006 min
Response: 76595296
Conc: 75.60 ng/ml



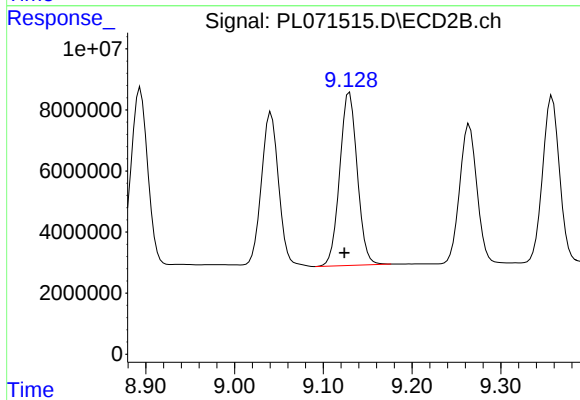
#15 Endosulfan II

R.T.: 8.297 min
Delta R.T.: 0.011 min
Response: 37921206
Conc: 69.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

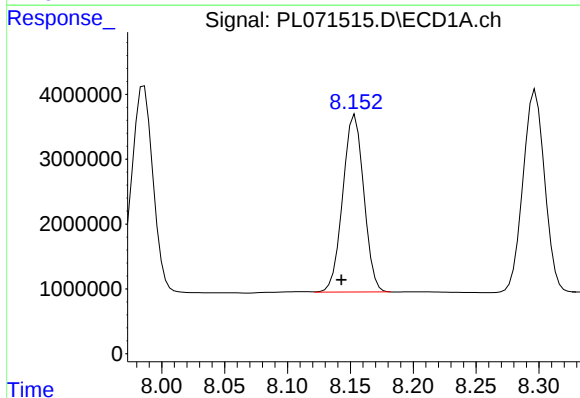
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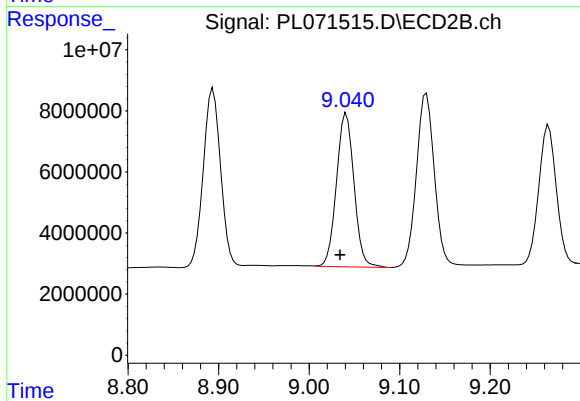
#15 Endosulfan II

R.T.: 9.130 min
Delta R.T.: 0.006 min
Response: 77742921
Conc: 77.04 ng/ml



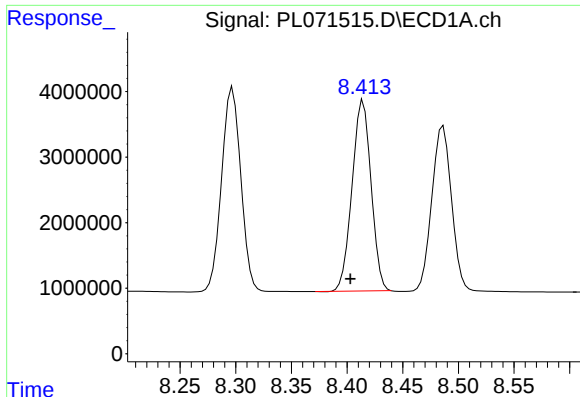
#16 4,4'-DDD

R.T.: 8.154 min
Delta R.T.: 0.011 min
Response: 31773606
Conc: 67.51 ng/ml



#16 4,4'-DDD

R.T.: 9.041 min
Delta R.T.: 0.007 min
Response: 67638176
Conc: 76.63 ng/ml



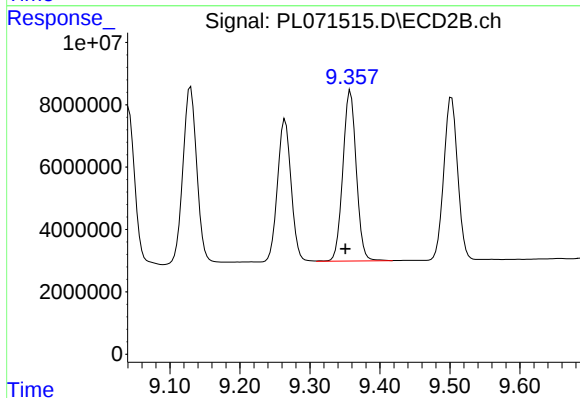
#17 4,4'-DDT

R.T.: 8.415 min
Delta R.T.: 0.011 min
Response: 34657674
Conc: 67.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

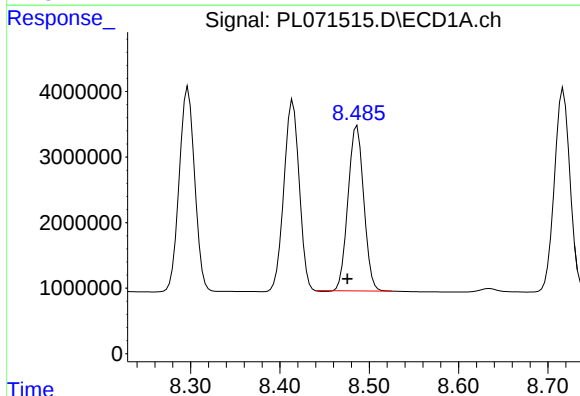
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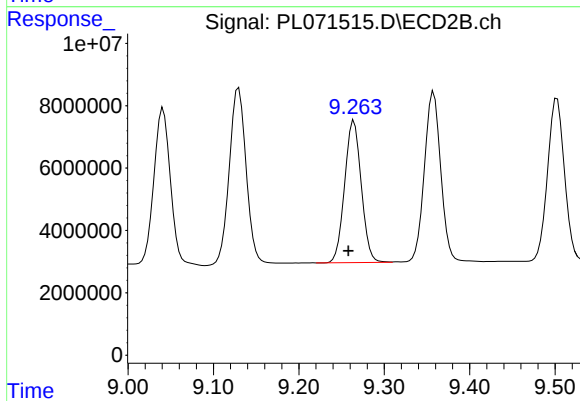
#17 4,4'-DDT

R.T.: 9.358 min
Delta R.T.: 0.007 min
Response: 72944368
Conc: 73.77 ng/ml



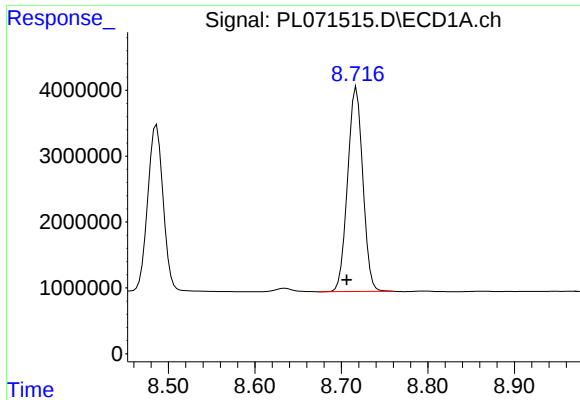
#18 Endrin aldehyde

R.T.: 8.486 min
Delta R.T.: 0.011 min
Response: 30799343
Conc: 72.43 ng/ml



#18 Endrin aldehyde

R.T.: 9.265 min
Delta R.T.: 0.007 min
Response: 61573721
Conc: 81.74 ng/ml



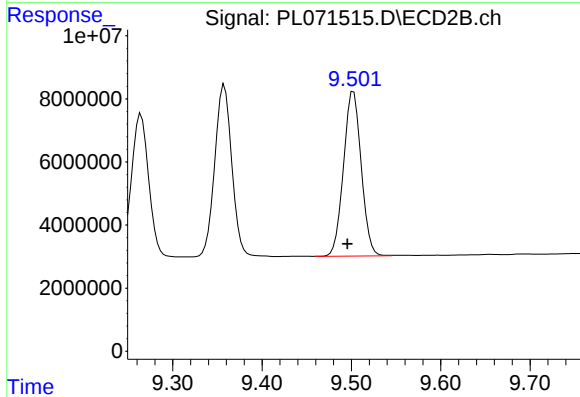
#19 Endosulfan Sulfate

R.T.: 8.717 min
Delta R.T.: 0.011 min
Response: 37748450
Conc: 65.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

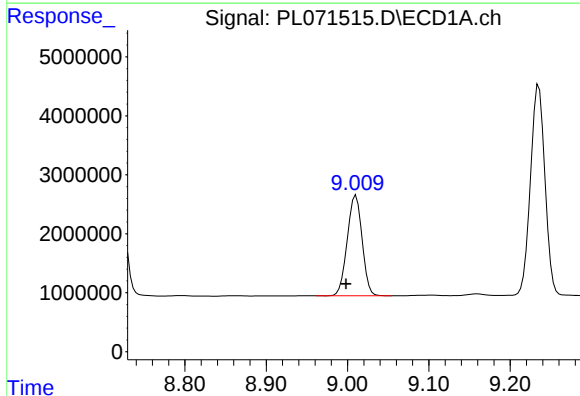
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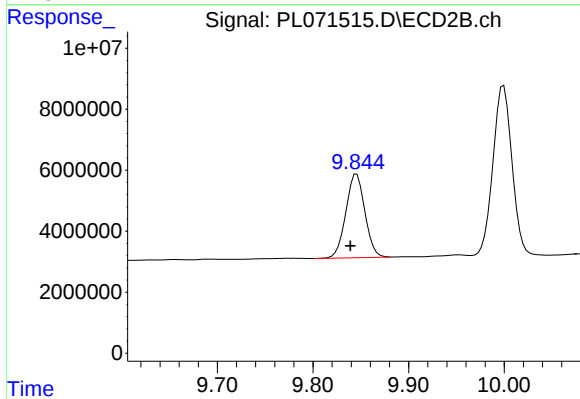
#19 Endosulfan Sulfate

R.T.: 9.502 min
Delta R.T.: 0.007 min
Response: 71790263
Conc: 73.25 ng/ml



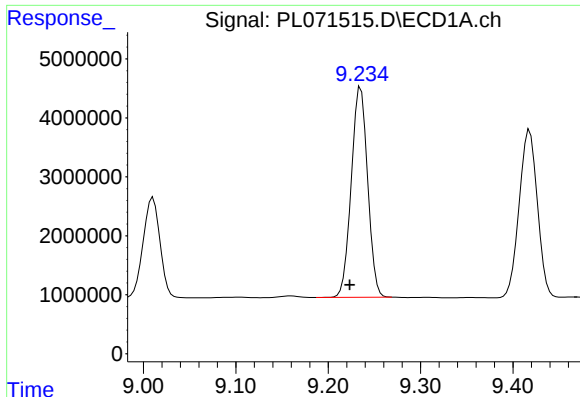
#20 Methoxychlor

R.T.: 9.010 min
Delta R.T.: 0.012 min
Response: 21587911
Conc: 66.65 ng/ml



#20 Methoxychlor

R.T.: 9.846 min
Delta R.T.: 0.007 min
Response: 38097326
Conc: 75.90 ng/ml



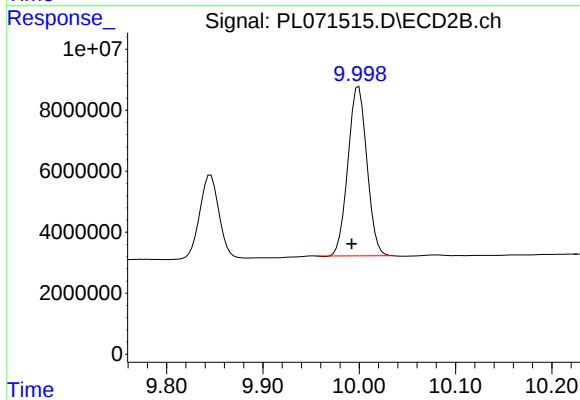
#21 Endrin ketone

R.T.: 9.235 min
Delta R.T.: 0.012 min
Response: 43948586
Conc: 66.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

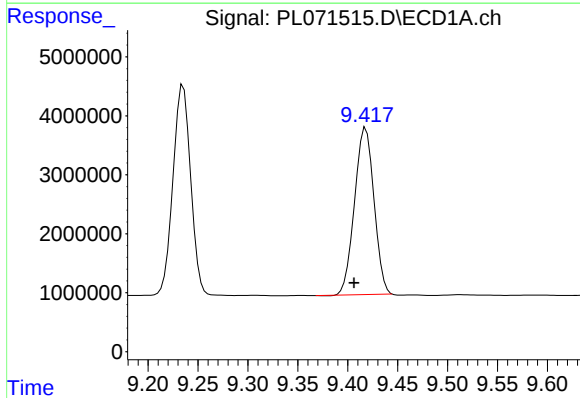
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Reviewed By :Abdul Mirza 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



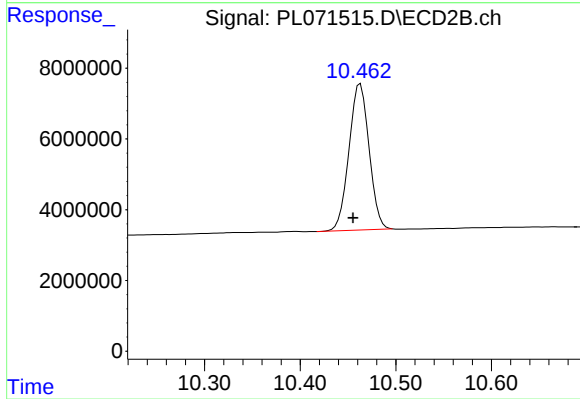
#21 Endrin ketone

R.T.: 9.999 min
Delta R.T.: 0.007 min
Response: 75766723
Conc: 72.05 ng/ml



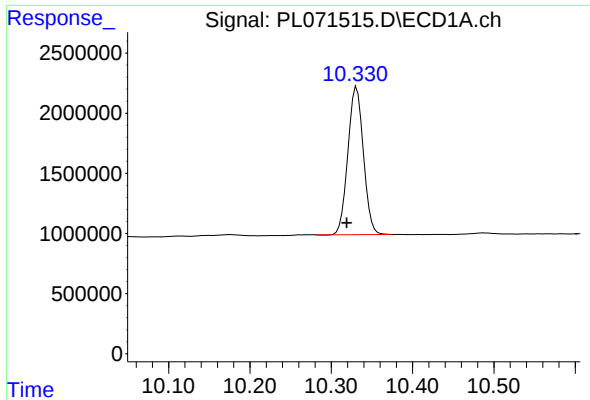
#22 Mirex

R.T.: 9.418 min
Delta R.T.: 0.012 min
Response: 38374418
Conc: 66.14 ng/ml



#22 Mirex

R.T.: 10.463 min
Delta R.T.: 0.007 min
Response: 60640721
Conc: 75.34 ng/ml



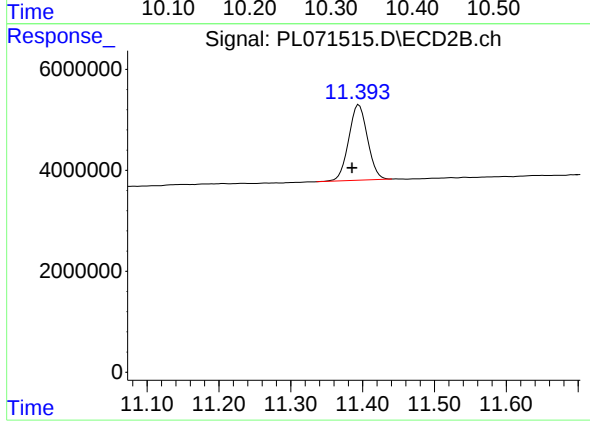
#28 Decachlorobiphenyl

R.T.: 10.331 min
Delta R.T.: 0.012 min
Response: 16223629
Conc: 24.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
P-2MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



#28 Decachlorobiphenyl

R.T.: 11.395 min
Delta R.T.: 0.010 min
Response: 27088586
Conc: 24.93 ng/ml