

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 18:42
 Operator : AR\AJ
 Sample : PB143881BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143881BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/06/2022
 Supervised By : mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:07:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 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...	4.639	5.491	5796512	32309385	18.098	19.686
28)	SA Decachlor...	10.414	11.334	9709181	31557026	19.094	17.648
Target Compounds							
2)	A alpha-BHC	5.348	6.055	18470093	118.6E6	44.808	52.728
3)	MA gamma-BHC...	5.771	6.444	18559675	110.9E6	44.493	51.928
4)	MA Heptachlor	6.183	7.103	19368340	116.9E6	42.926	49.887
5)	MB Aldrin	6.508	7.471	18366992	109.3E6	44.454	52.186
6)	B beta-BHC	6.151	6.680	8956598	49828814	43.501	47.803
7)	B delta-BHC	6.413	6.948	18535234	111.0E6	46.148	51.562
8)	B Heptachlo...	7.085	7.927	19172004	102.0E6	44.485	51.082
9)	A Endosulfan I	7.487	8.327	18351029	91690317	44.735	50.230
10)	B gamma-Chl...	7.362	8.193	19626710	102.8E6	44.881	50.353m
11)	B alpha-Chl...	7.432	8.278	19786769	102.8E6	44.773	51.392
12)	B 4,4'-DDE	7.646	8.462	16228819	92237779	45.226	51.461
13)	MA Dieldrin	7.774	8.612	18798418	93394574	45.121	50.628
14)	MA Endrin	8.065	8.846	18859288	76777758	48.606	49.875
15)	B Endosulfa...	8.376	9.069	17983122	74543758	46.007	48.536m
16)	A 4,4'-DDD	8.231	8.988	14873741	71172901	45.802	48.758m
17)	MA 4,4'-DDT	8.492	9.308	16206868	72800706	42.855	44.539
18)	B Endrin al...	8.564	9.202	14649694	59086494	46.323	48.182m
19)	B Endosulfa...	8.796	9.441	18751804	72333327	44.391	45.895
20)	A Methoxychlor	9.088	9.787	10699673	38000229	41.709	42.172
21)	B Endrin ke...	9.314	9.929	22479758	75863995	45.950	45.962
22)	Mirex	9.502	10.406	23079456	67397447	48.943	49.613

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 18:42
 Operator : AR\AJ
 Sample : PB143881BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

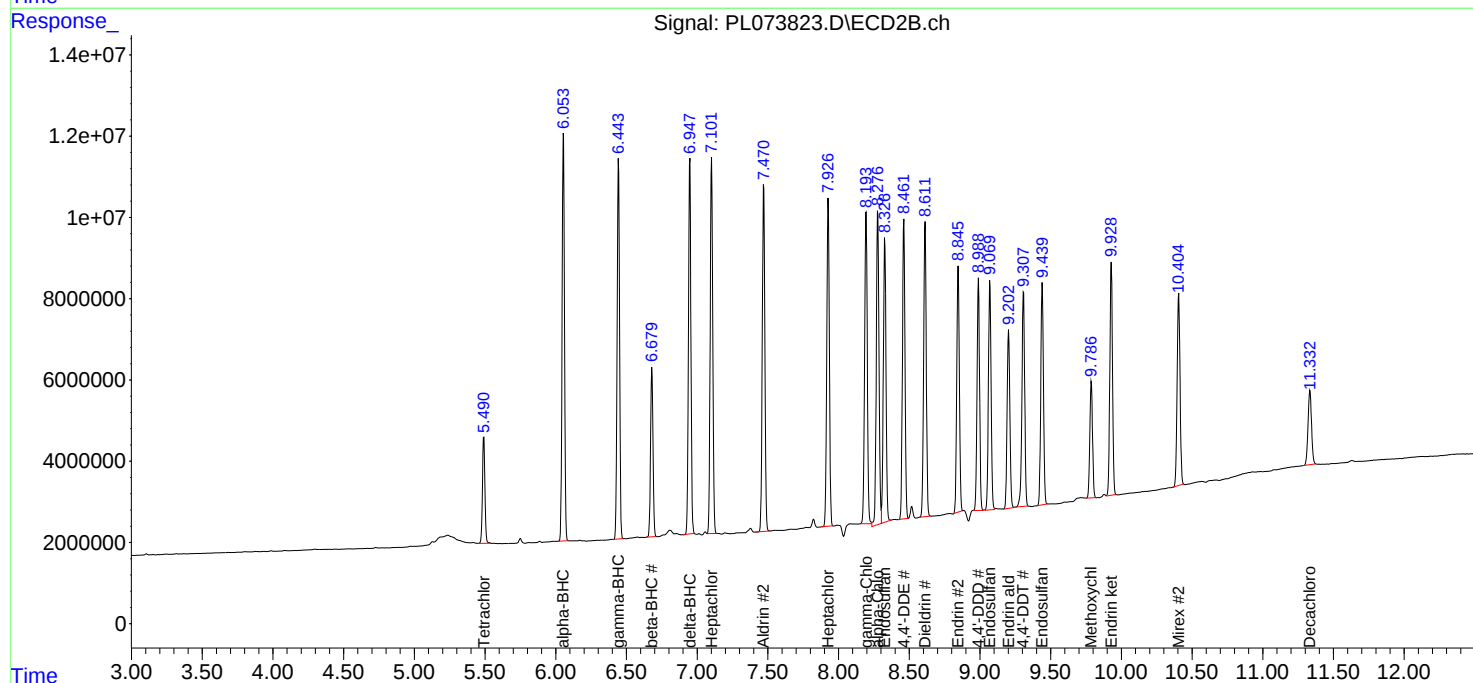
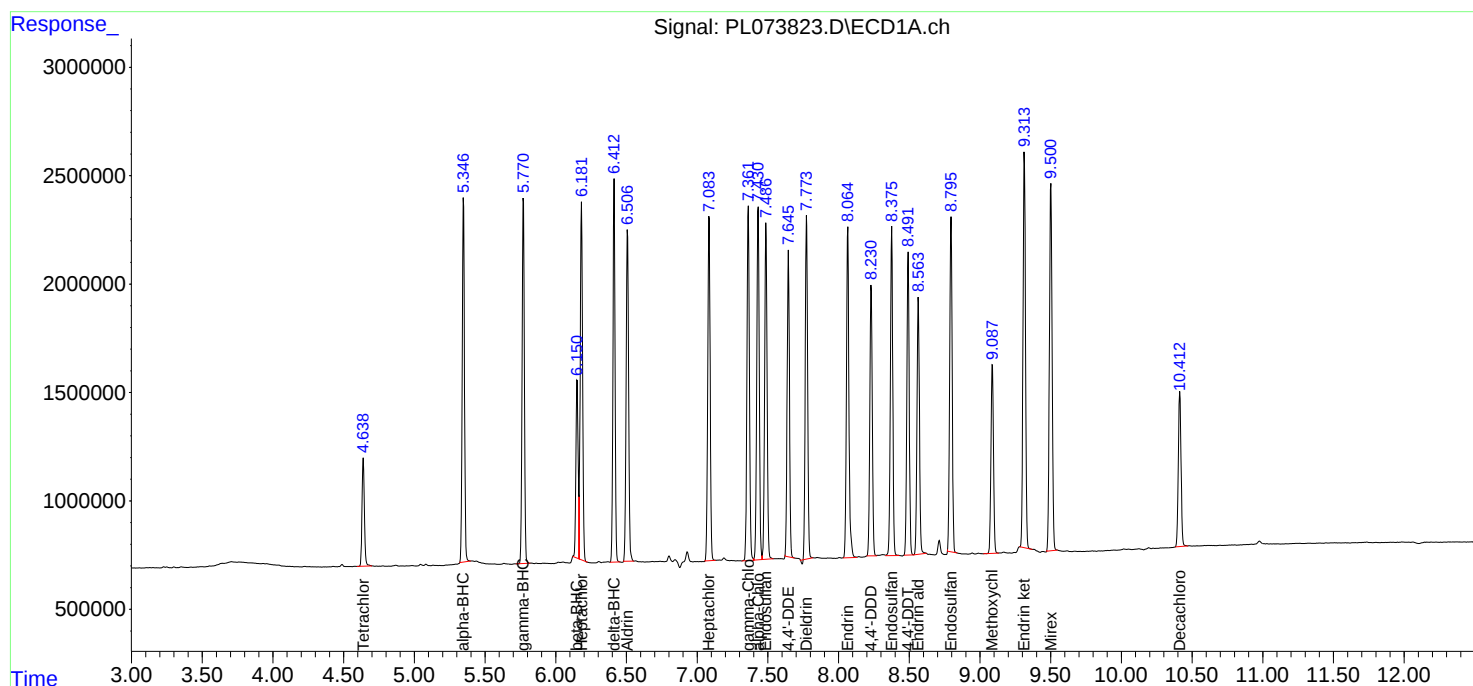
Instrument :
 ECD_L
 ClientSampleId :
 PB143881BS

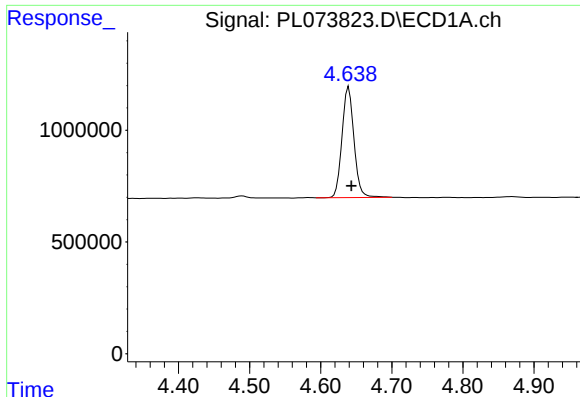
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:07:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 Response via : Initial Calibration
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Volume Inj. : 1 µl
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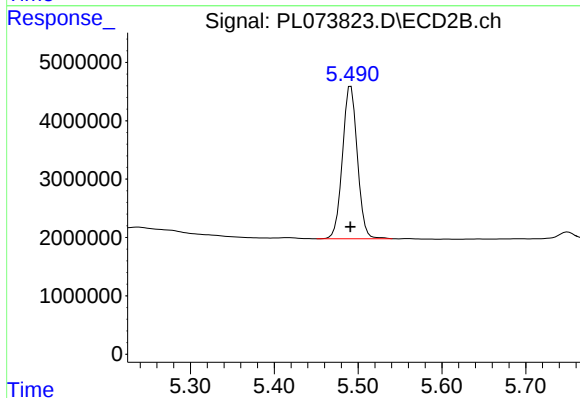
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: -0.004 min
Response: 5796512
Conc: 18.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143881BS

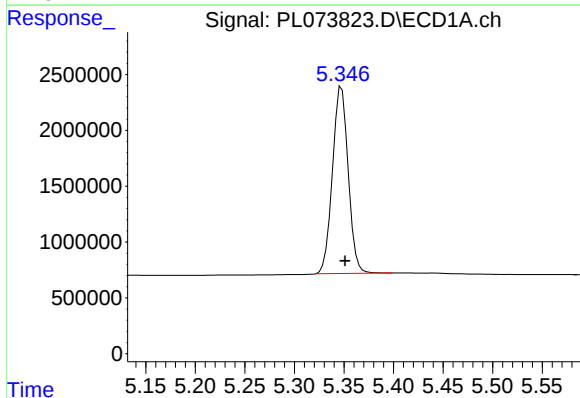
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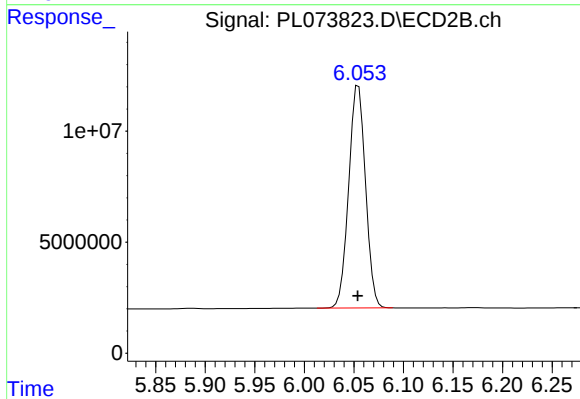
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 32309385
Conc: 19.69 ng/ml



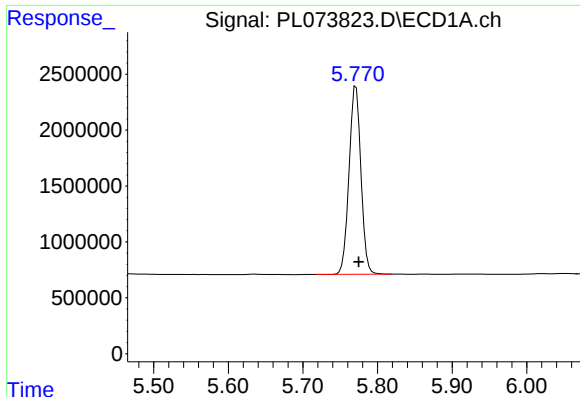
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: -0.004 min
Response: 18470093
Conc: 44.81 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 118620397
Conc: 52.73 ng/ml



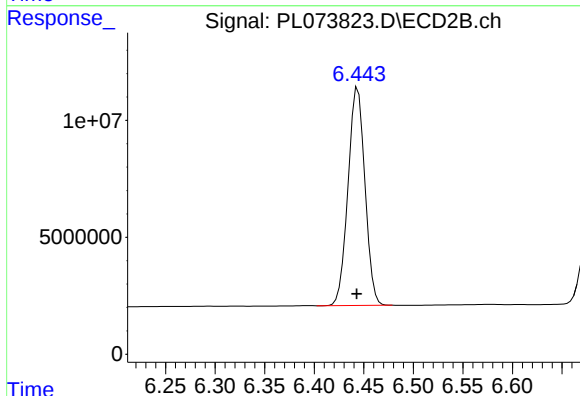
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 18559675
Conc: 44.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143881BS

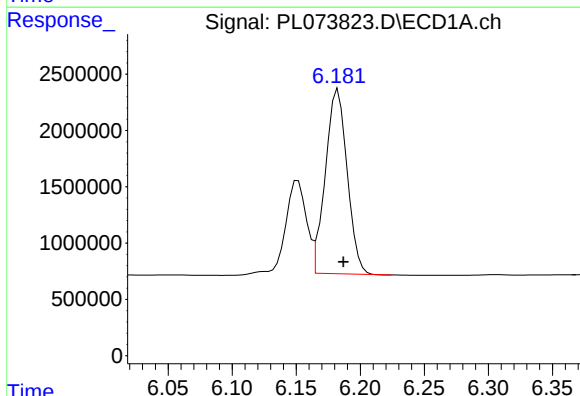
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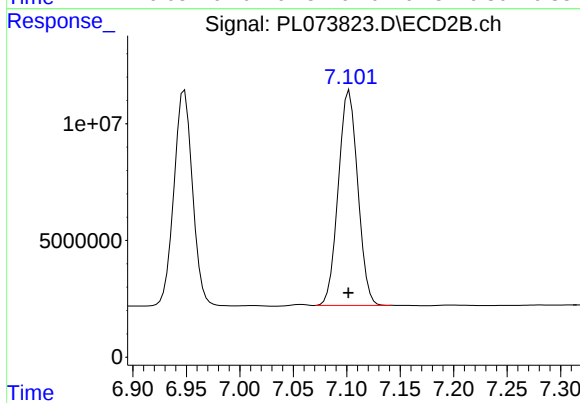
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 110870507
Conc: 51.93 ng/ml



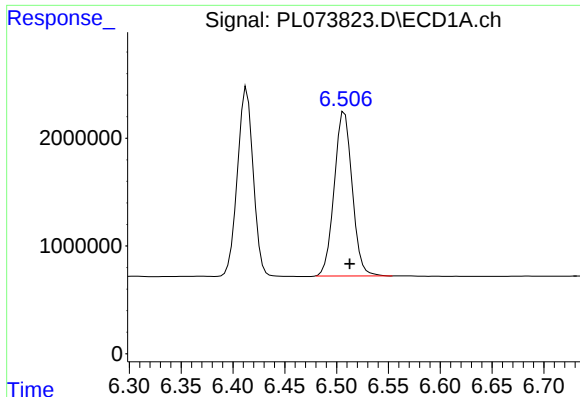
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 19368340
Conc: 42.93 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 116889592
Conc: 49.89 ng/ml



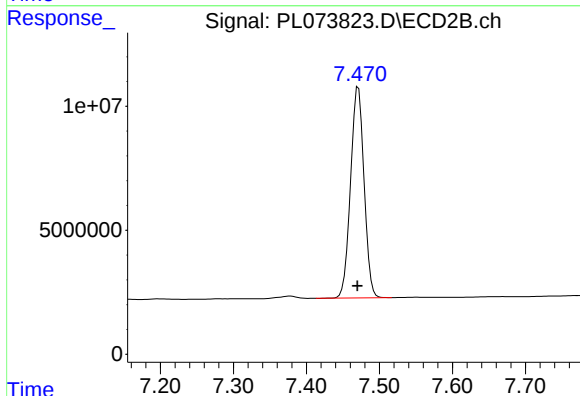
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 18366992
Conc: 44.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143881BS

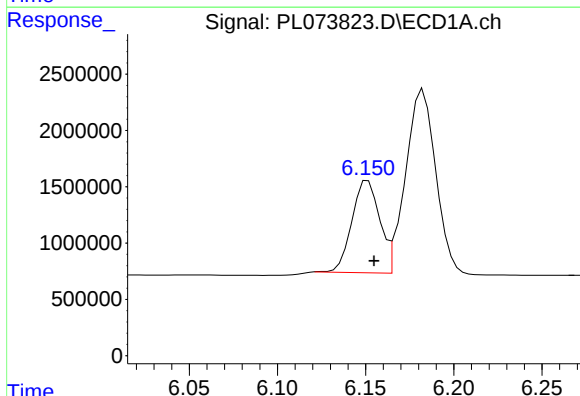
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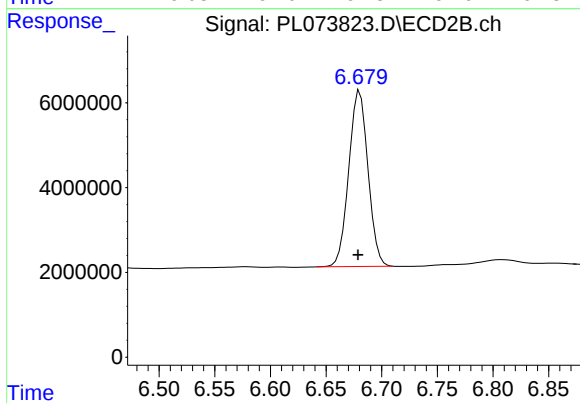
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 109329476
Conc: 52.19 ng/ml



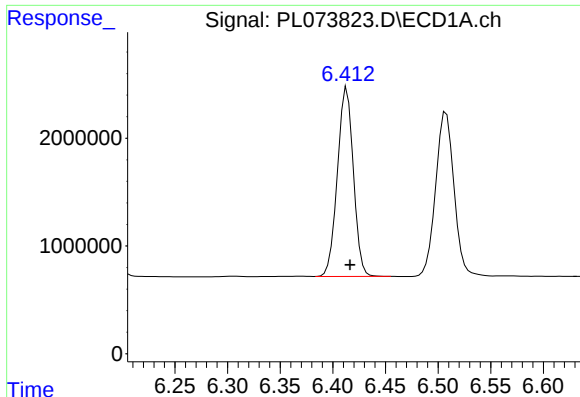
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.003 min
Response: 8956598
Conc: 43.50 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 49828814
Conc: 47.80 ng/ml



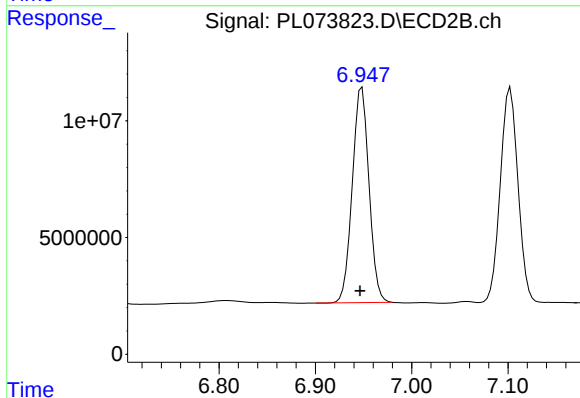
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 18535234
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143881BS

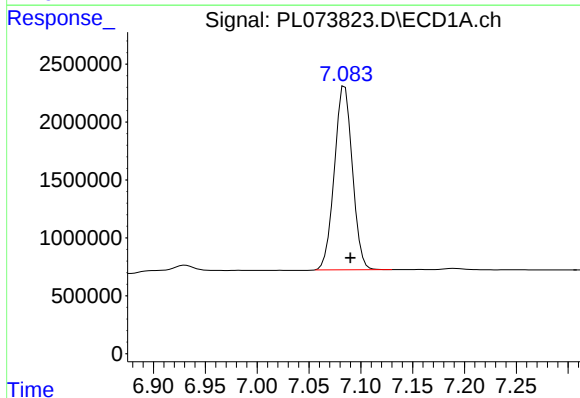
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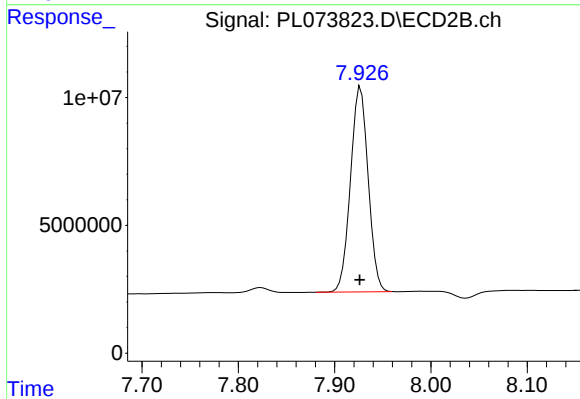
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 111041224
Conc: 51.56 ng/ml



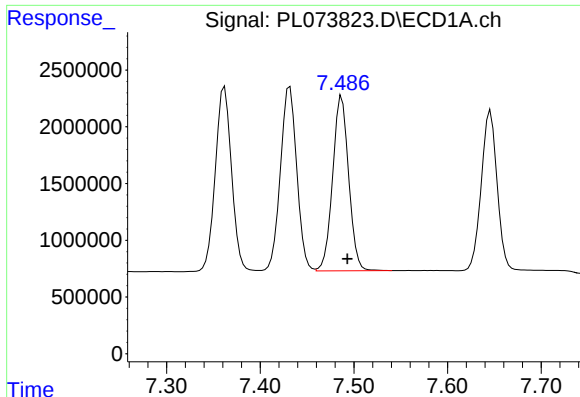
#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.006 min
Response: 19172004
Conc: 44.48 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 102025740
Conc: 51.08 ng/ml



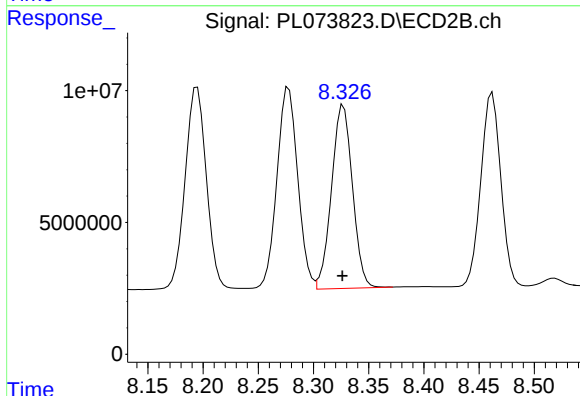
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 18351029
Conc: 44.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143881BS

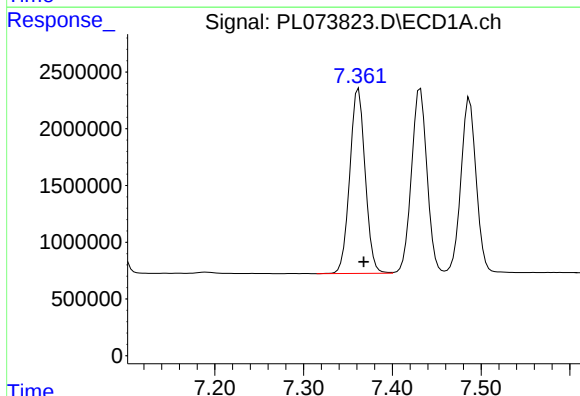
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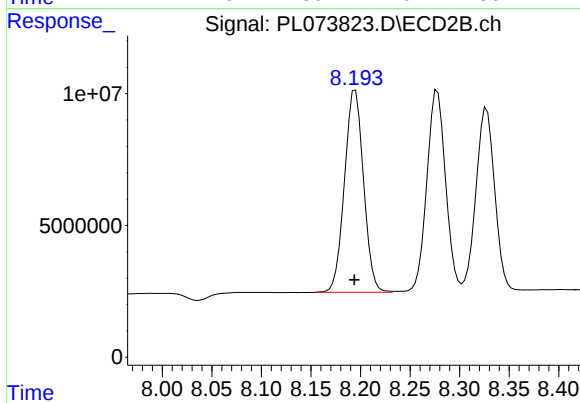
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 91690317
Conc: 50.23 ng/ml



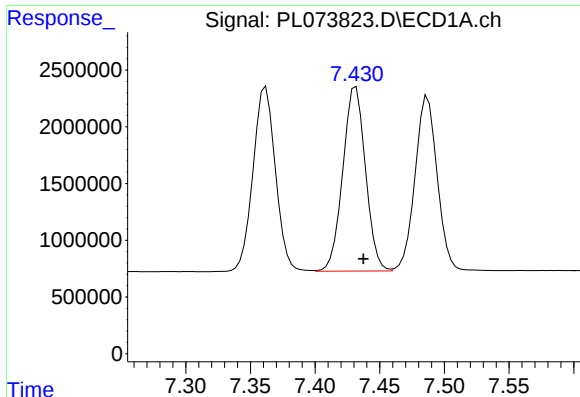
#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.006 min
Response: 19626710
Conc: 44.88 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 102840910
Conc: 50.35 ng/ml m



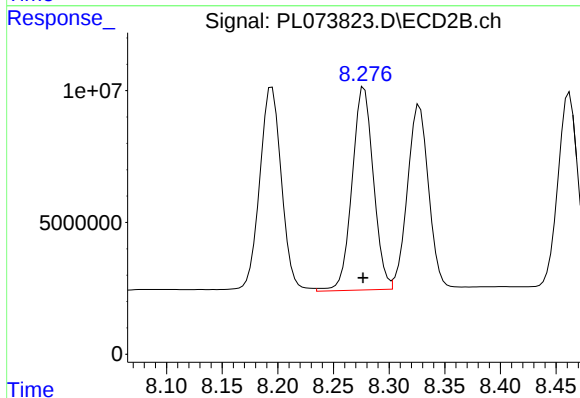
#11 alpha-Chlordane

R.T.: 7.432 min
Delta R.T.: -0.006 min
Response: 19786769
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143881BS

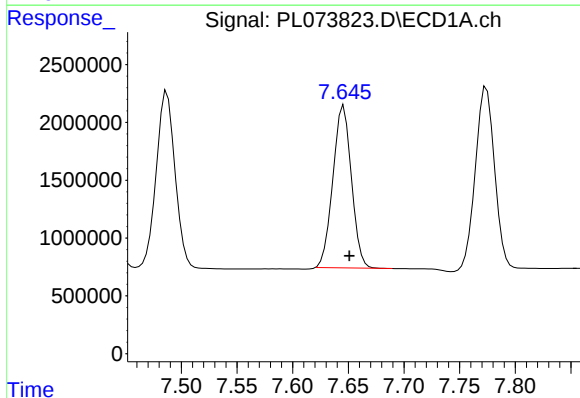
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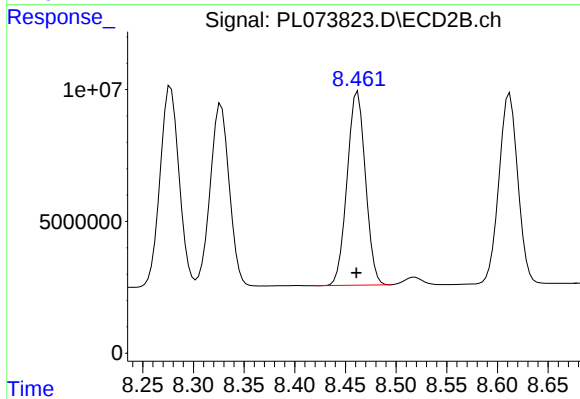
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 102784730
Conc: 51.39 ng/ml



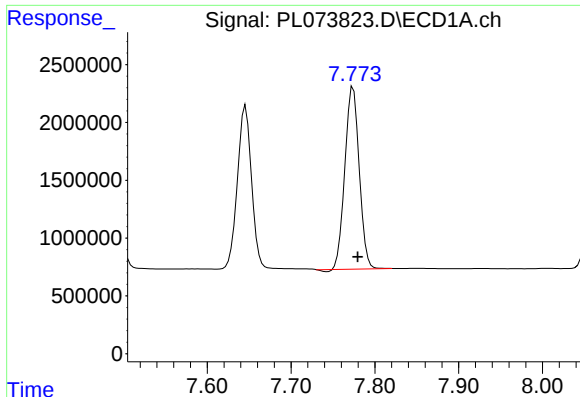
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 16228819
Conc: 45.23 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 92237779
Conc: 51.46 ng/ml



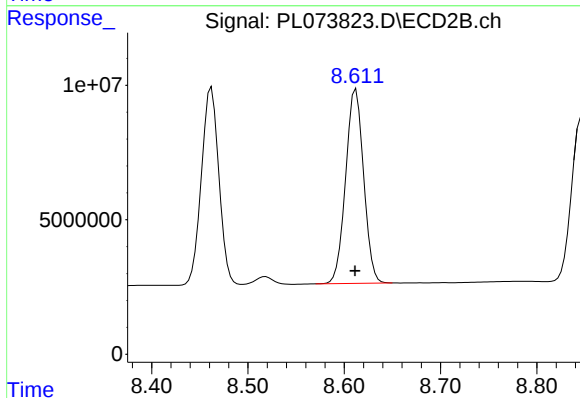
#13 Dieldrin

R.T.: 7.774 min
Delta R.T.: -0.006 min
Response: 18798418
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143881BS

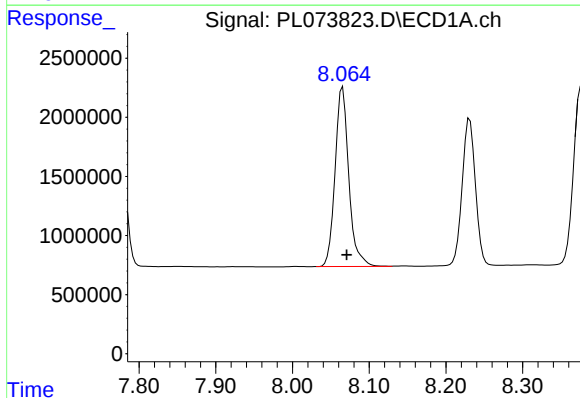
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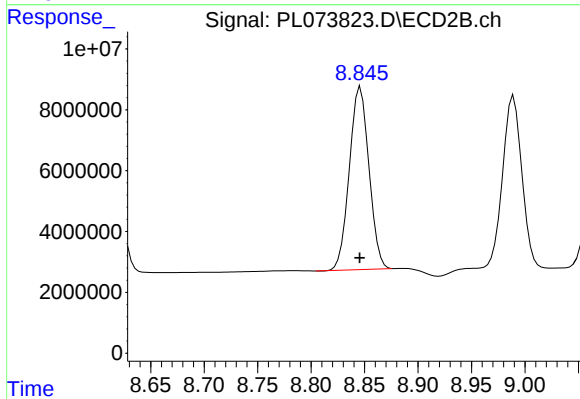
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 93394574
Conc: 50.63 ng/ml



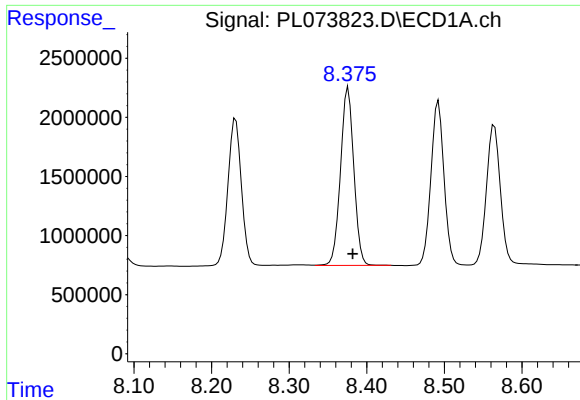
#14 Endrin

R.T.: 8.065 min
Delta R.T.: -0.006 min
Response: 18859288
Conc: 48.61 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 76777758
Conc: 49.87 ng/ml



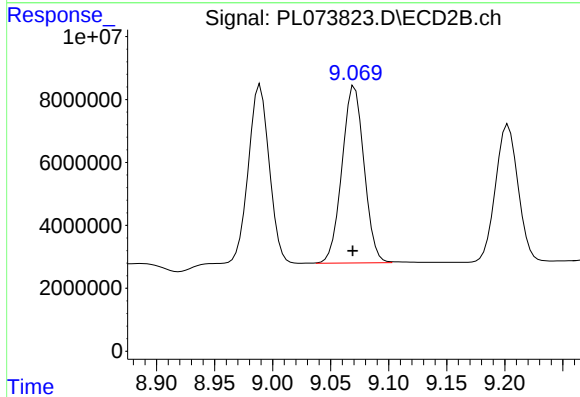
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: -0.006 min
Response: 17983122
Conc: 46.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143881BS

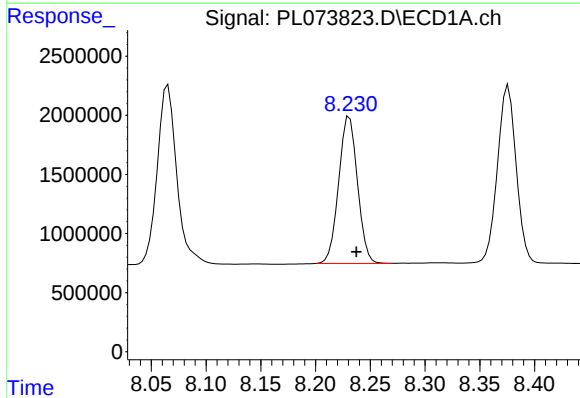
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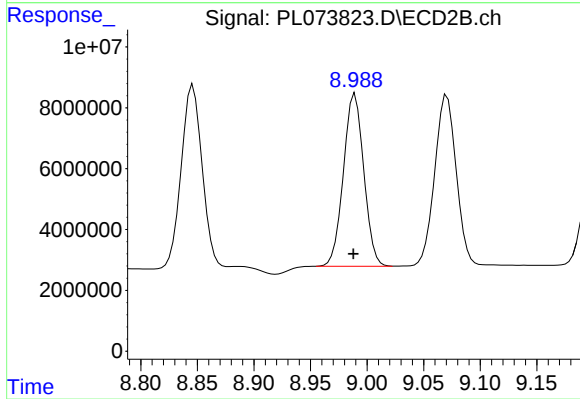
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 74543758
Conc: 48.54 ng/ml m



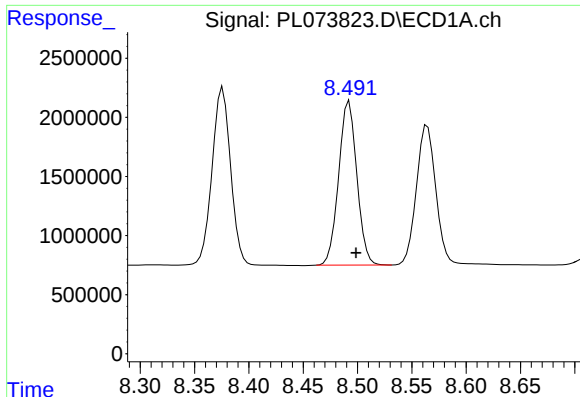
#16 4,4'-DDD

R.T.: 8.231 min
Delta R.T.: -0.006 min
Response: 14873741
Conc: 45.80 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 71172901
Conc: 48.76 ng/ml m



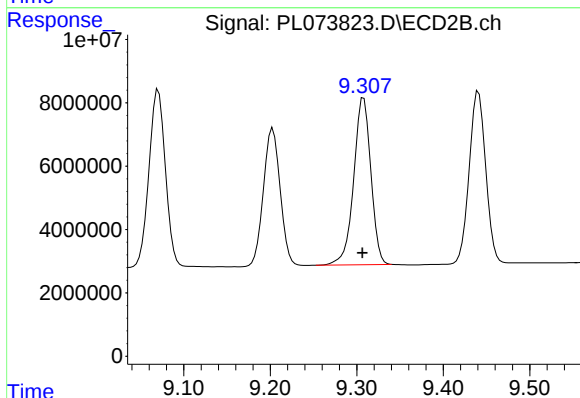
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: -0.006 min
Response: 16206868
Conc: 42.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143881BS

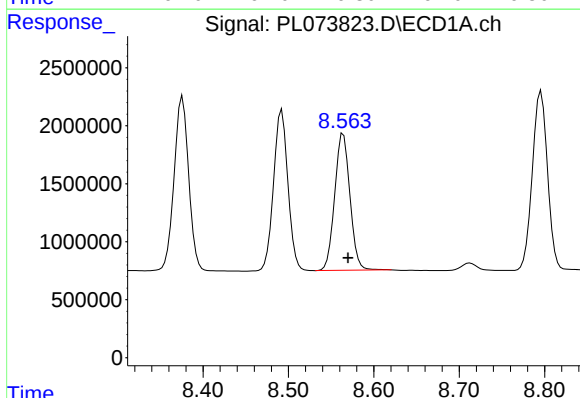
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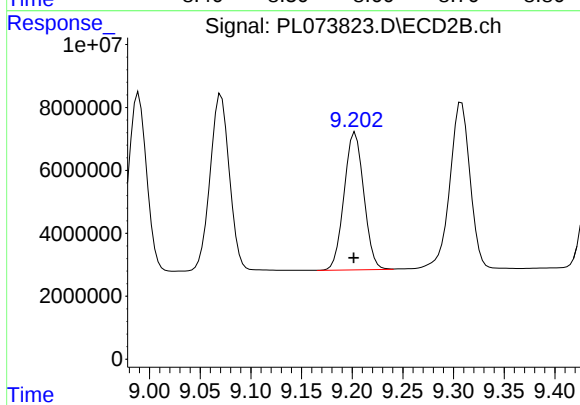
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 72800706
Conc: 44.54 ng/ml



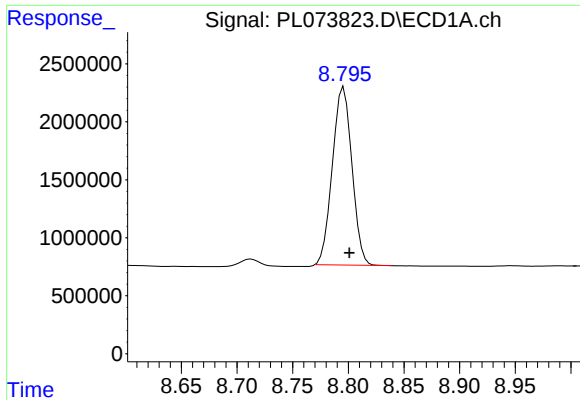
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: -0.006 min
Response: 14649694
Conc: 46.32 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 59086494
Conc: 48.18 ng/ml m



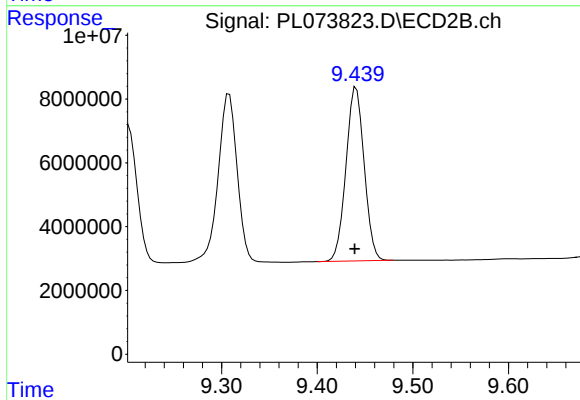
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 18751804
Conc: 44.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143881BS

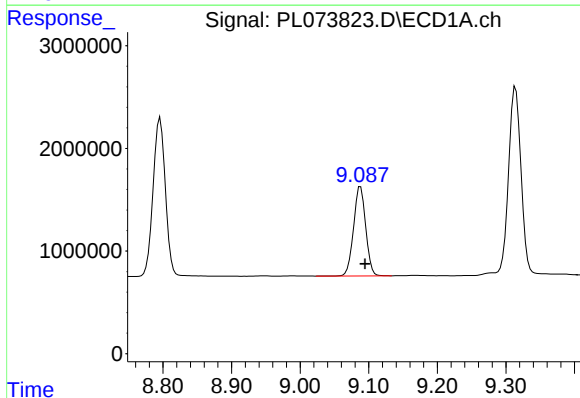
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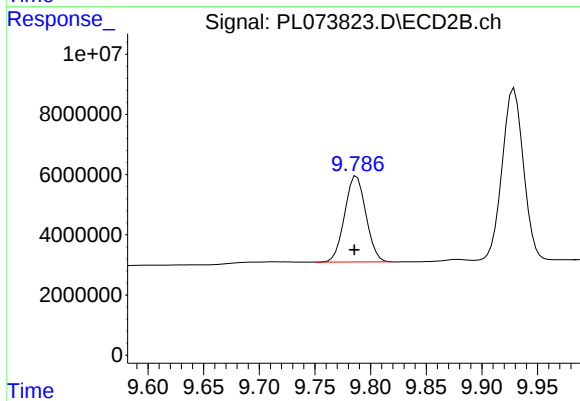
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.002 min
Response: 72333327
Conc: 45.89 ng/ml



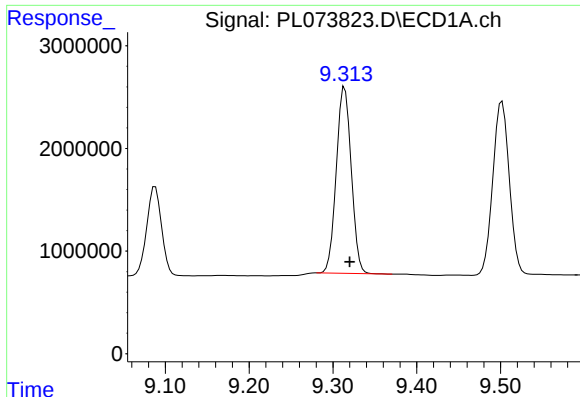
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: -0.007 min
Response: 10699673
Conc: 41.71 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 38000229
Conc: 42.17 ng/ml



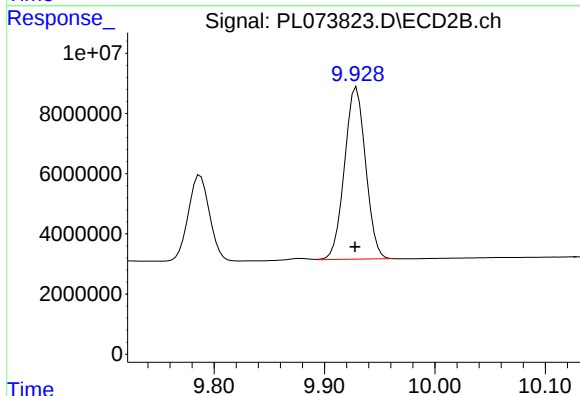
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: -0.006 min
Response: 22479758
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143881BS

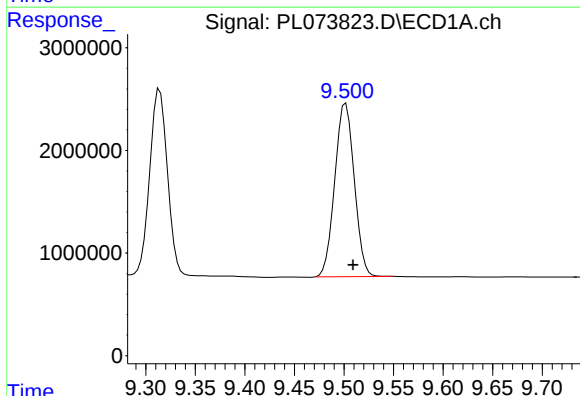
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



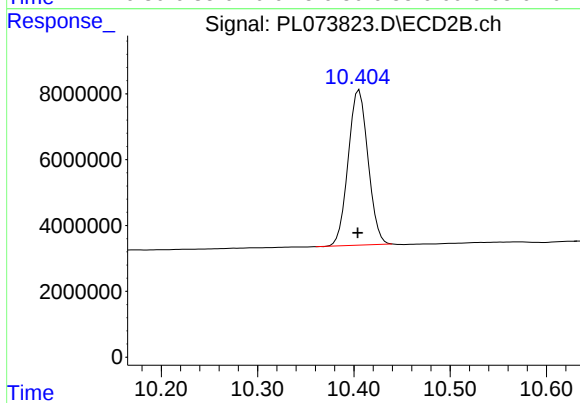
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.001 min
Response: 75863995
Conc: 45.96 ng/ml



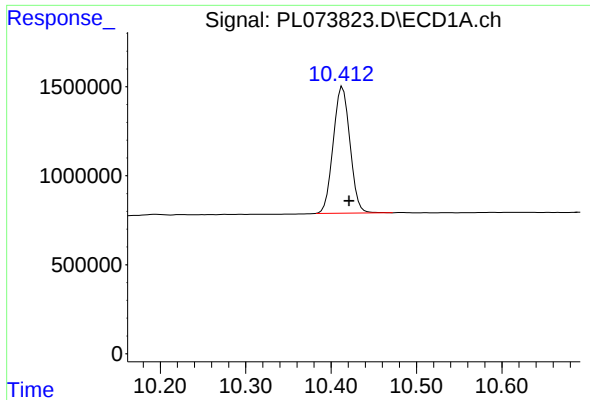
#22 Mirex

R.T.: 9.502 min
Delta R.T.: -0.007 min
Response: 23079456
Conc: 48.94 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.001 min
Response: 67397447
Conc: 49.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.007 min
Response: 9709181
Conc: 19.09 ng/ml

Instrument :

ECD_L

ClientSampleId :

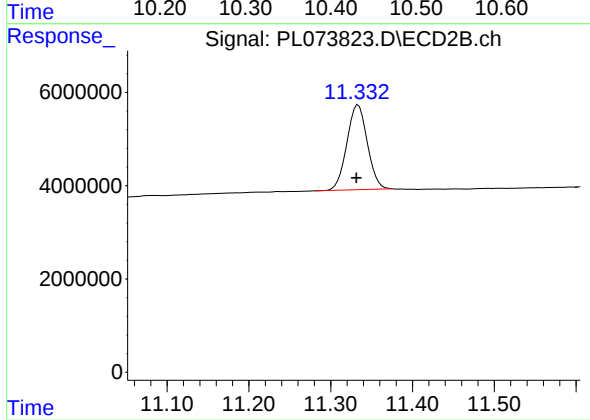
PB143881BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: 0.002 min
Response: 31557026
Conc: 17.65 ng/ml