

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074317.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 19:32
 Operator : AR\AJ
 Sample : PB144321BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144321BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:12:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.635	5.489	6325003	33965328	19.575	19.050
28)	SA Decachlor...	10.401	11.329	10279499	36816379	19.767m	20.844
Target Compounds							
2)	A alpha-BHC	5.342	6.051	20389511	128.8E6	48.586	51.151
3)	MA gamma-BHC...	5.766	6.441	20014436	120.7E6	47.722	50.977
4)	MA Heptachlor	6.176	7.100	20960078	125.9E6	46.531	48.265
5)	MB Aldrin	6.501	7.468	20308492	124.5E6	48.930	52.996
6)	B beta-BHC	6.146	6.678	9560820	53436415	46.792	47.414
7)	B delta-BHC	6.407	6.945	20214579	122.5E6	48.866	50.162
8)	B Heptachlo...	7.077	7.924	20586414	112.1E6	47.994	49.800
9)	A Endosulfan I	7.480	8.325	19654186	101.5E6	47.923	51.542
10)	B gamma-Chl...	7.355	8.192	21046052	112.7E6	47.986	50.544
11)	B alpha-Chl...	7.423	8.275	21236790	110.4E6	48.072	51.307
12)	B 4,4'-DDE	7.638	8.460	17316152	106.5E6	47.465	53.466
13)	MA Dieldrin	7.766	8.609	20180014	107.1E6	46.977	53.402
14)	MA Endrin	8.057	8.844	19496974	91004133	47.994	53.732
15)	B Endosulfa...	8.368	9.068	20509749	90723256	49.762	52.223
16)	A 4,4'-DDD	8.223	8.987	15666084	82016672	48.513	53.306
17)	MA 4,4'-DDT	8.484	9.305	16700944	82961830	45.182	46.801
18)	B Endrin al...	8.557	9.200	16897643	72597257	52.225	56.206
19)	B Endosulfa...	8.787	9.438	20602003	86249236	48.246	51.822
20)	A Methoxychlor	9.079	9.785	11151698	42945155	44.918	44.649
21)	B Endrin ke...	9.304	9.926	24657925	89920263	50.471m	51.949
22)	Mirex	9.492	10.403	22100414	68237131	47.385	49.540

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
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 Acq On : 22 Apr 2022 19:32
 Operator : AR\AJ
 Sample : PB144321BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

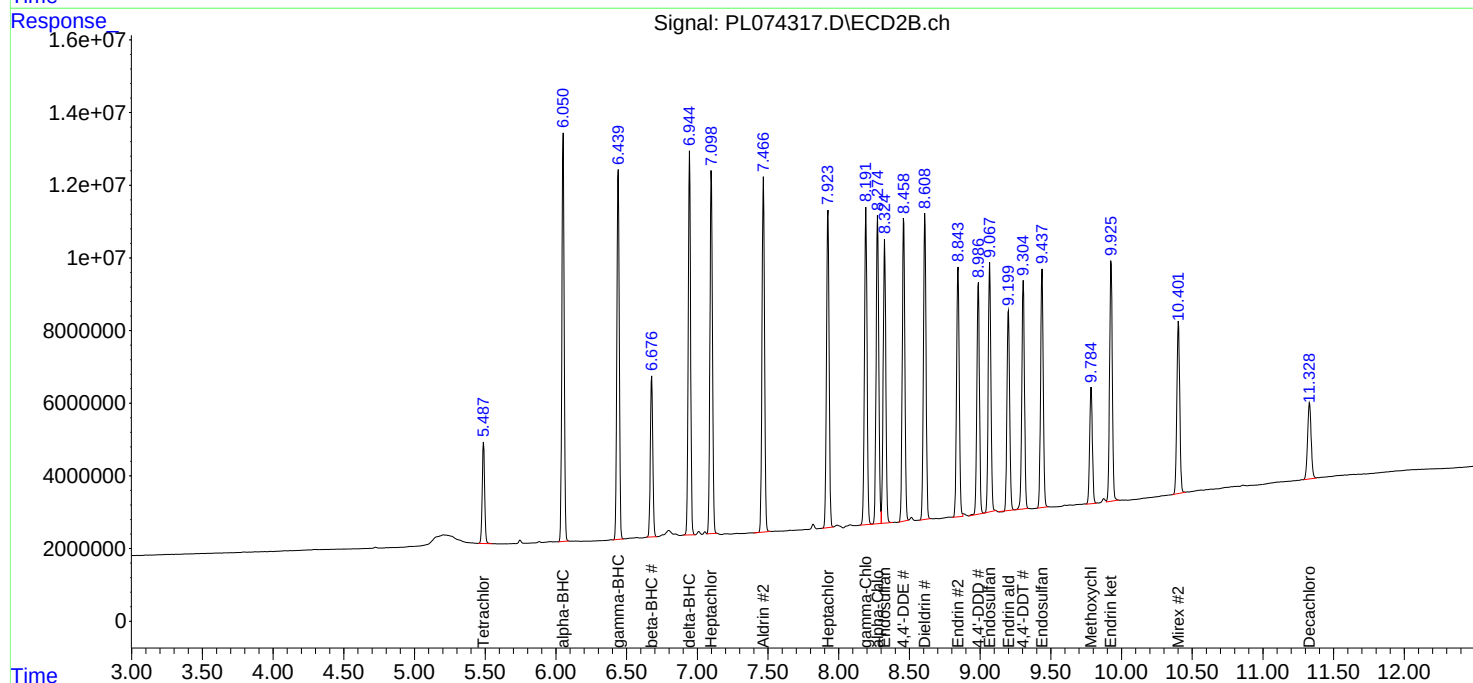
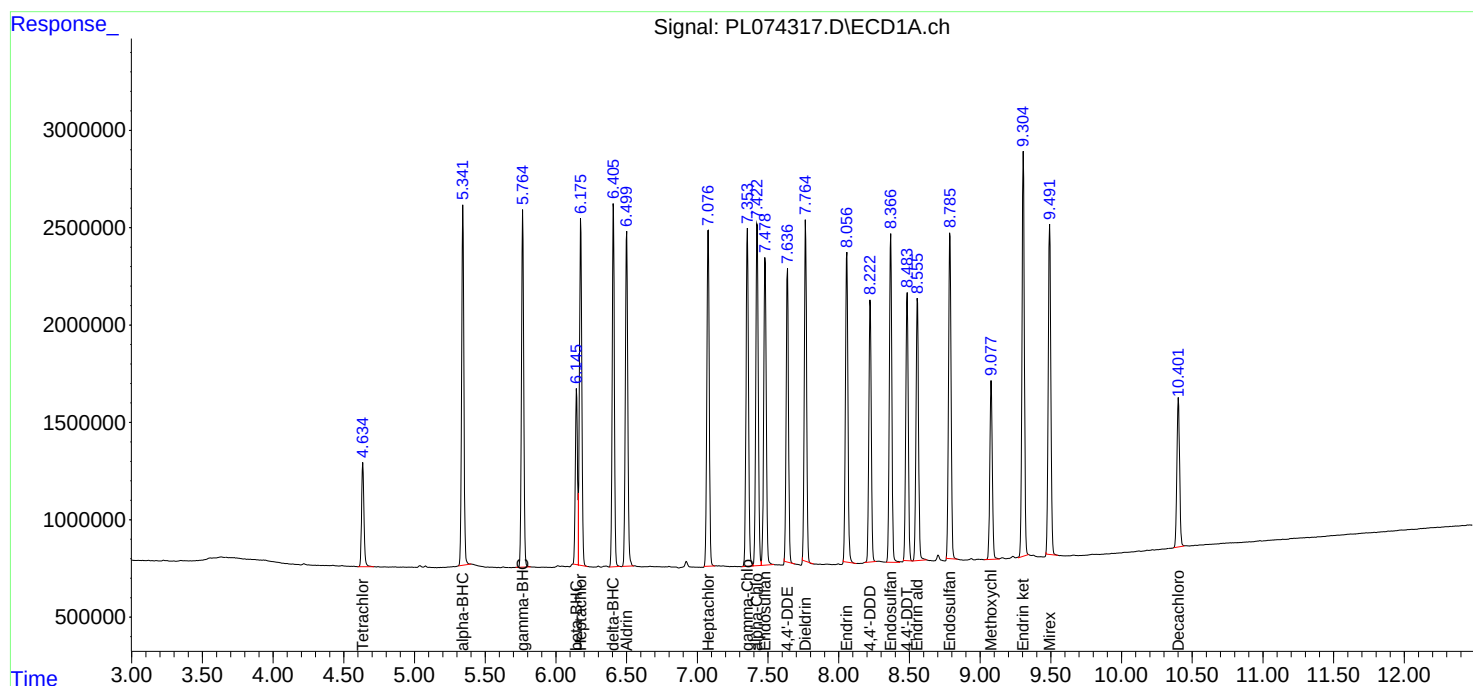
Instrument :
 ECD_L
 ClientSampleId :
 PB144321BS

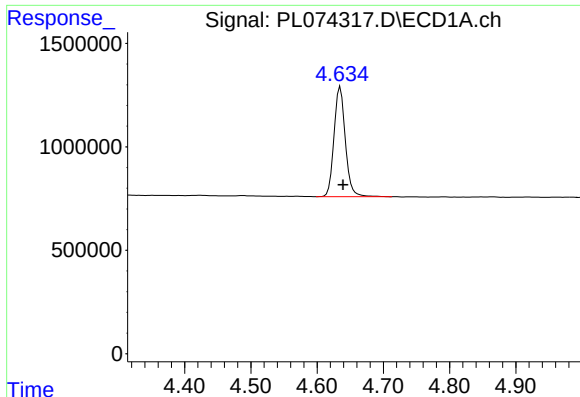
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:12:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





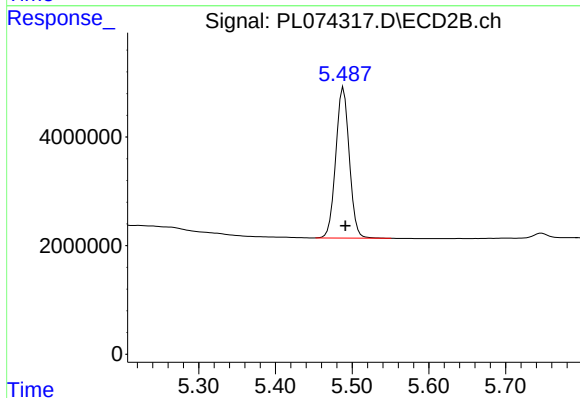
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 6325003
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144321BS

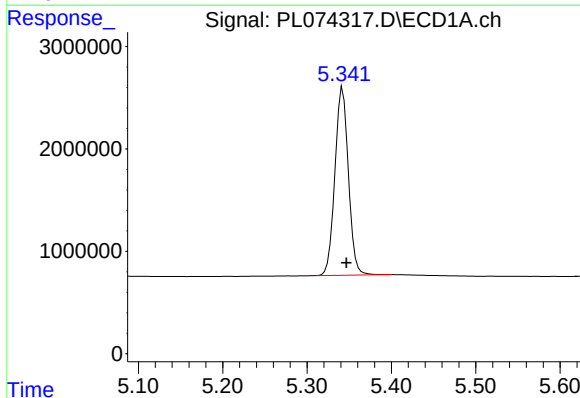
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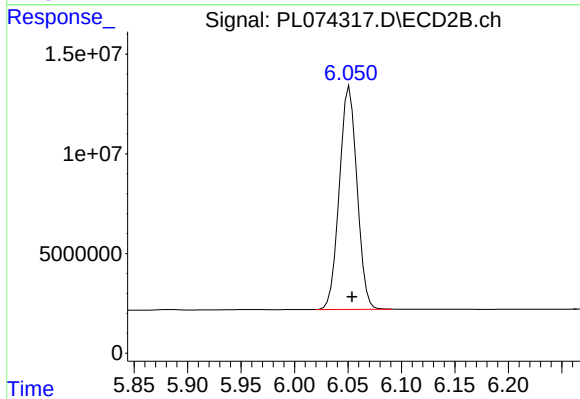
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 33965328
Conc: 19.05 ng/ml



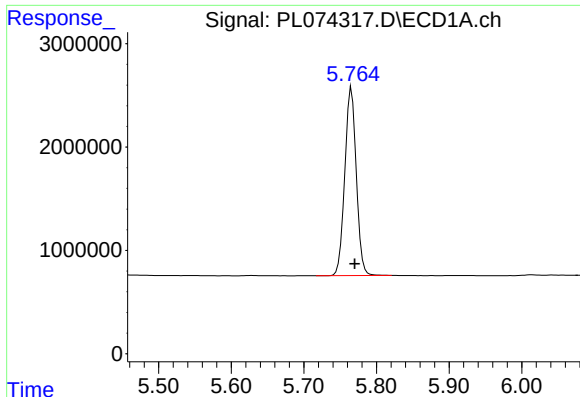
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 20389511
Conc: 48.59 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 128803783
Conc: 51.15 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 20014436
Conc: 47.72 ng/ml

Instrument :

ECD_L

ClientSampleId :

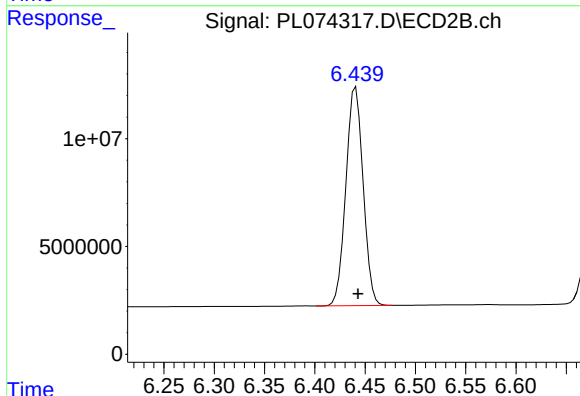
PB144321BS

Manual Integrations

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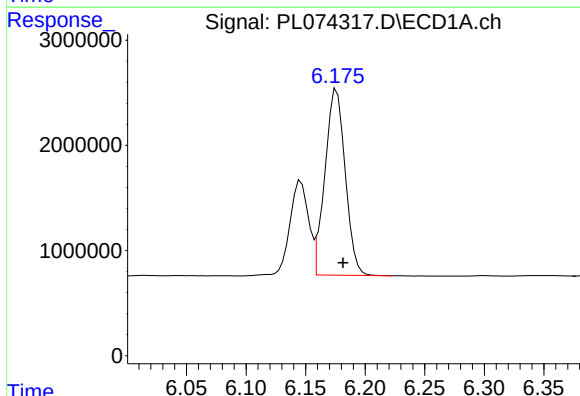
Reviewed By :Abdul Mirza 04/25/2022

Supervised By :mohammad ahmed 04/25/2022



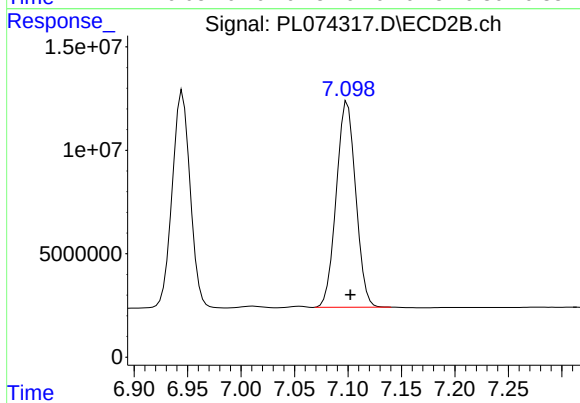
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 120667778
Conc: 50.98 ng/ml



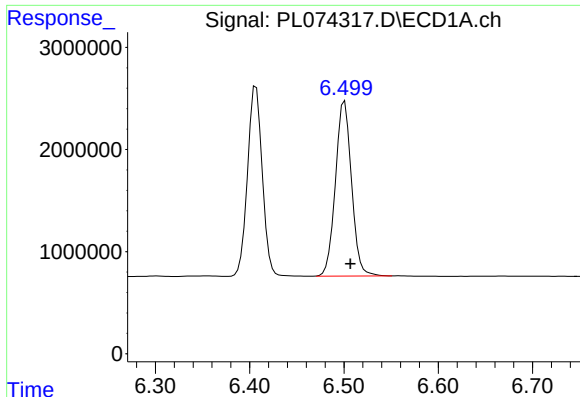
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.005 min
Response: 20960078
Conc: 46.53 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 125896682
Conc: 48.27 ng/ml



#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 20308492
Conc: 48.93 ng/ml

Instrument :

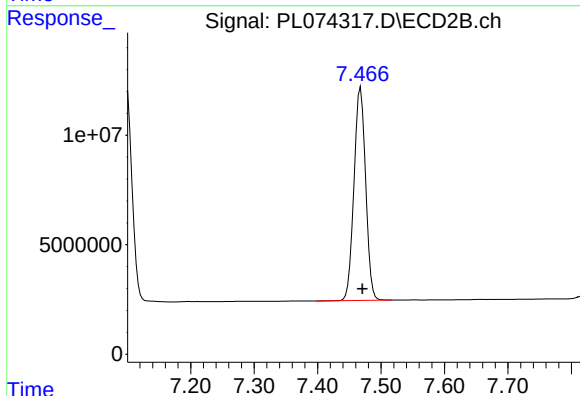
ECD_L

ClientSampleId :

PB144321BS

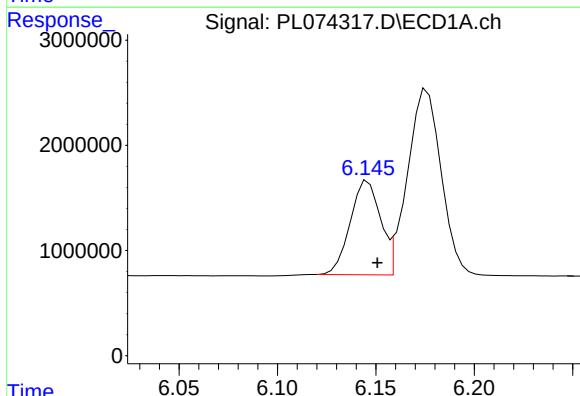
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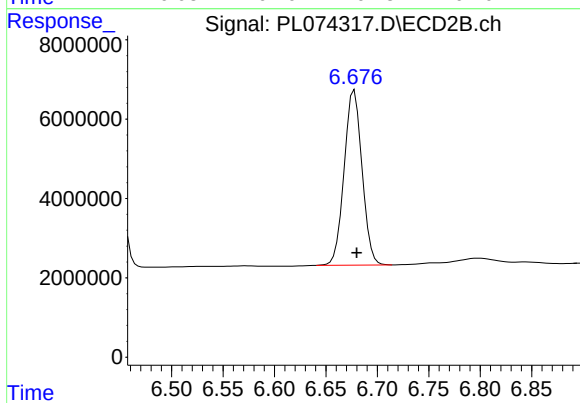
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 124465736
Conc: 53.00 ng/ml



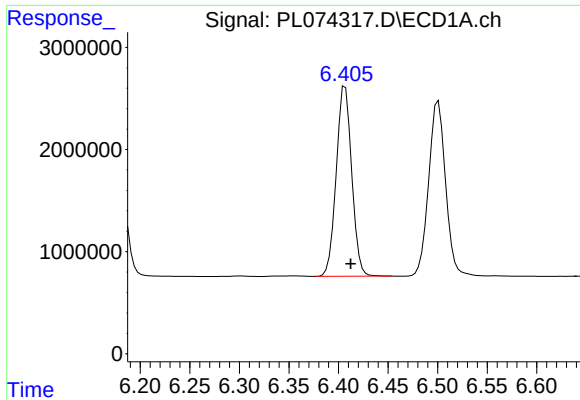
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 9560820
Conc: 46.79 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 53436415
Conc: 47.41 ng/ml



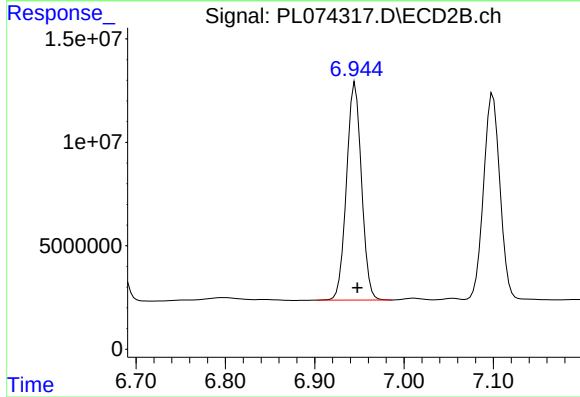
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 20214579
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144321BS

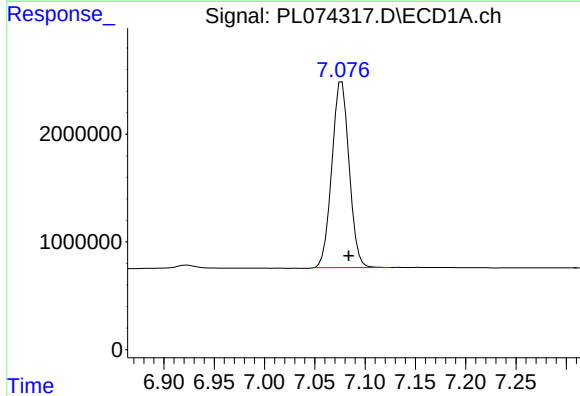
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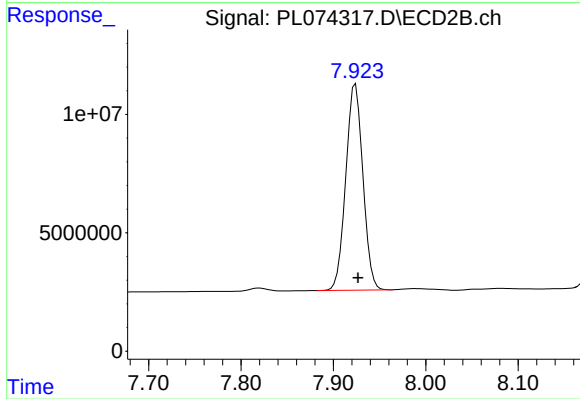
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 122509239
Conc: 50.16 ng/ml



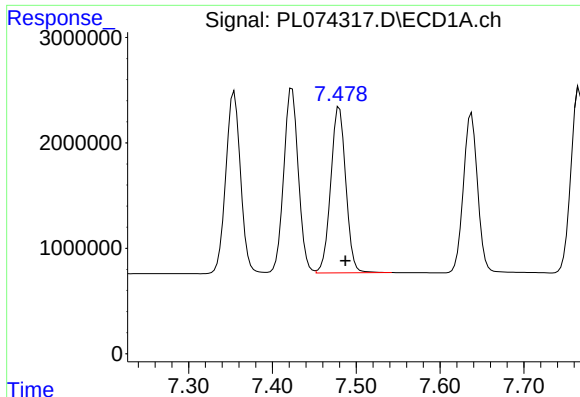
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 20586414
Conc: 47.99 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 112127601
Conc: 49.80 ng/ml



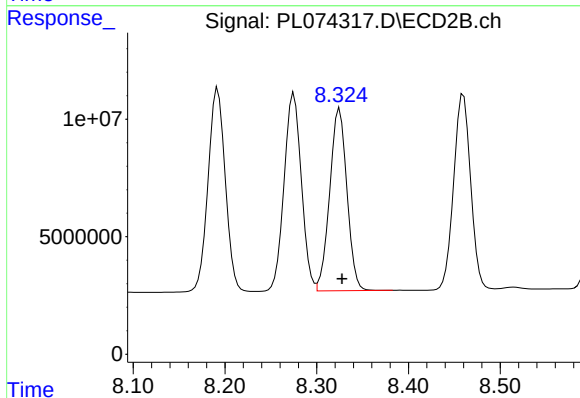
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 19654186
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144321BS

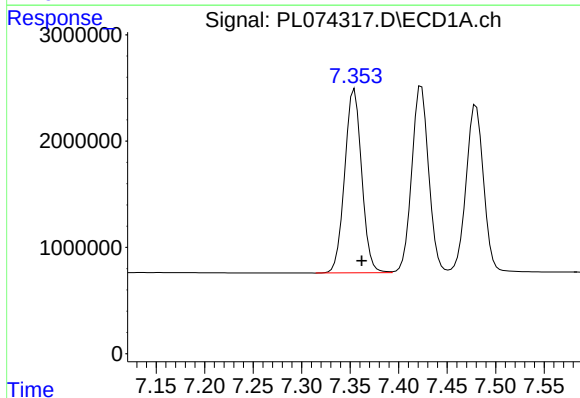
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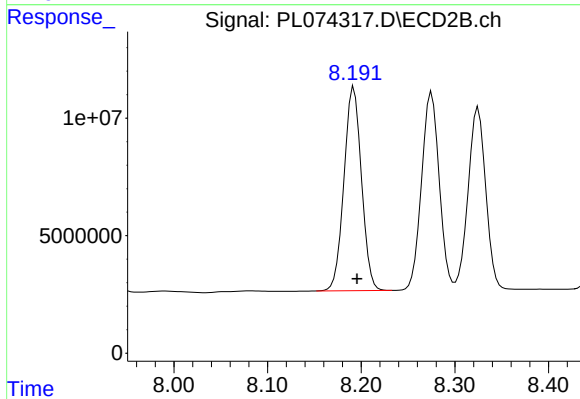
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 101467708
Conc: 51.54 ng/ml



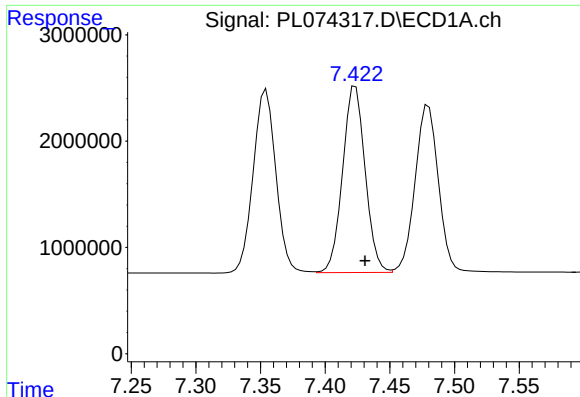
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 21046052
Conc: 47.99 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 112730109
Conc: 50.54 ng/ml



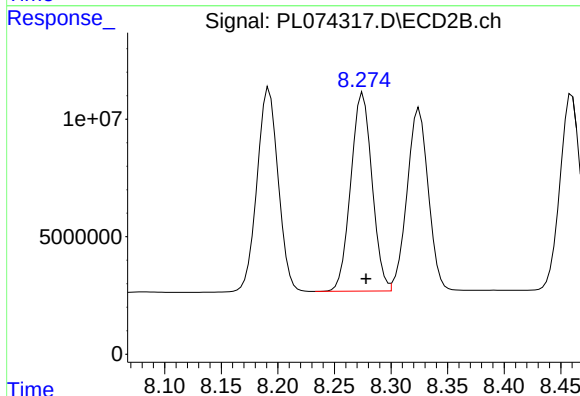
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: -0.007 min
Response: 21236790
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144321BS

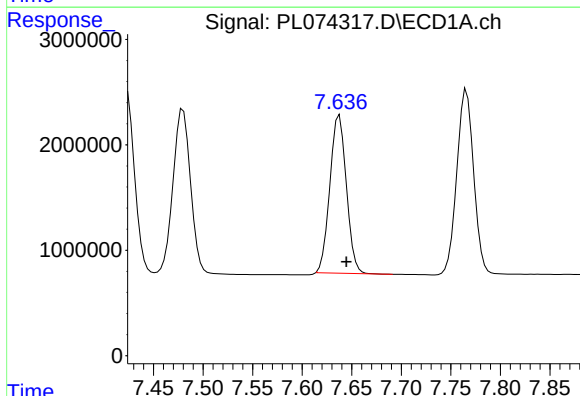
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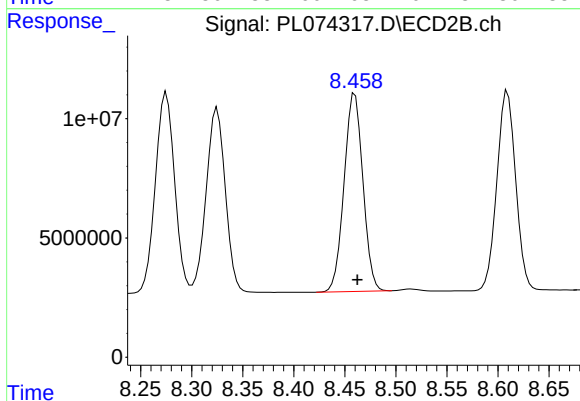
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 110442781
Conc: 51.31 ng/ml



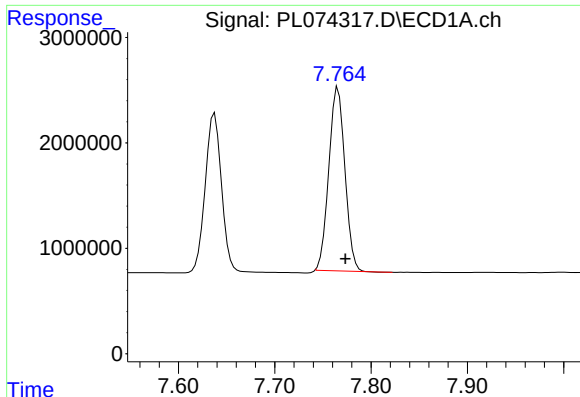
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 17316152
Conc: 47.47 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 106488483
Conc: 53.47 ng/ml



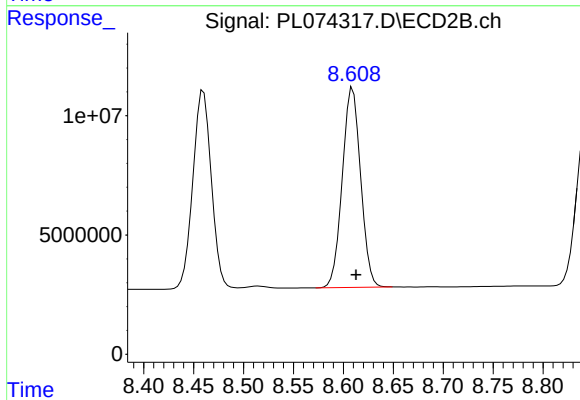
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.008 min
Response: 20180014
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144321BS

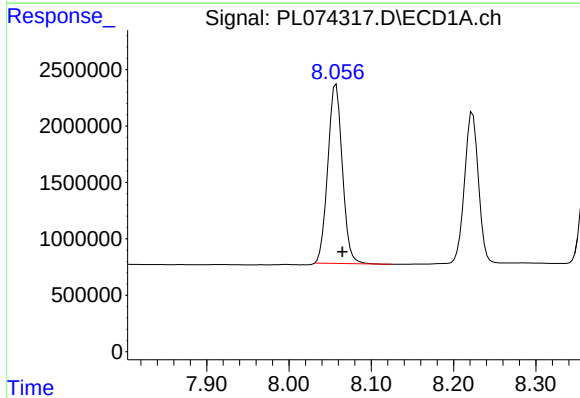
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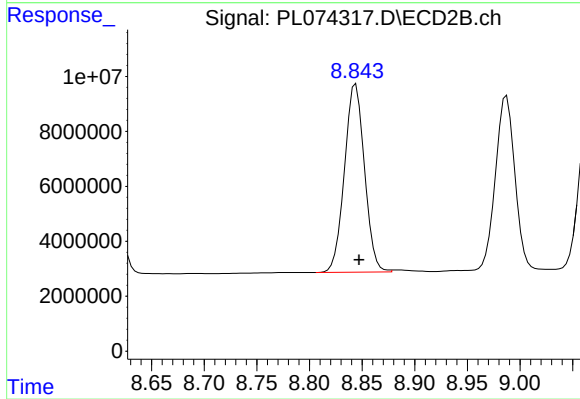
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 107086194
Conc: 53.40 ng/ml



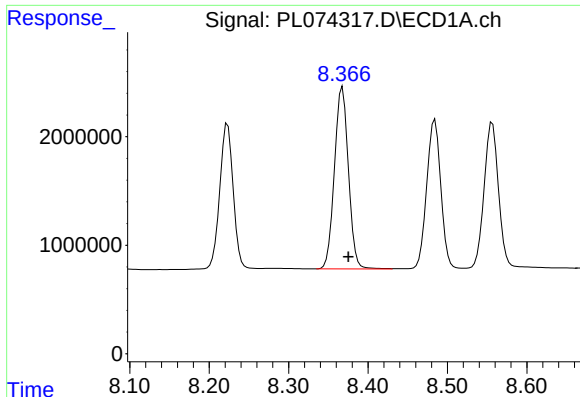
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.008 min
Response: 19496974
Conc: 47.99 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 91004133
Conc: 53.73 ng/ml



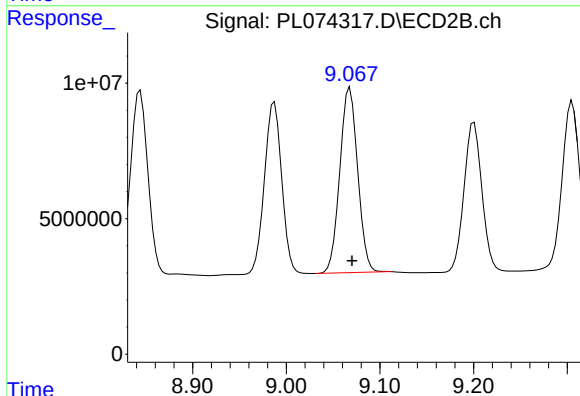
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.008 min
Response: 20509749
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144321BS

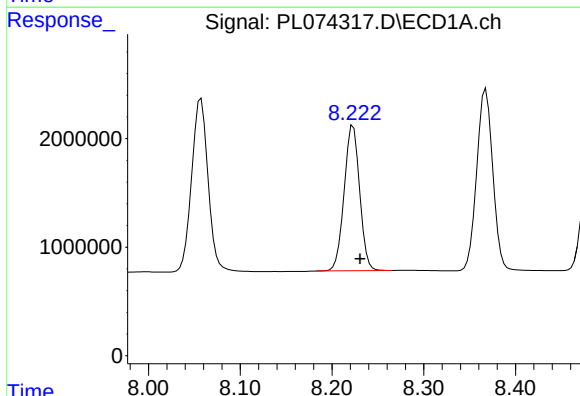
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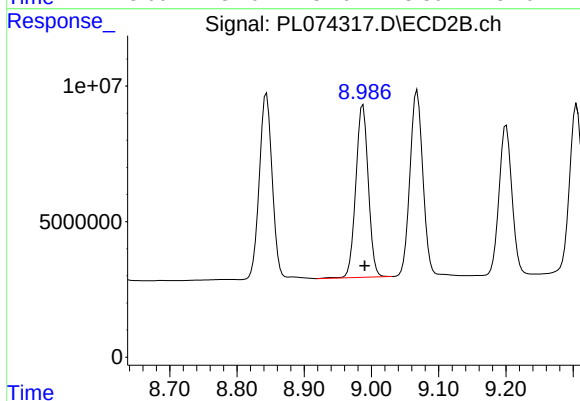
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 90723256
Conc: 52.22 ng/ml



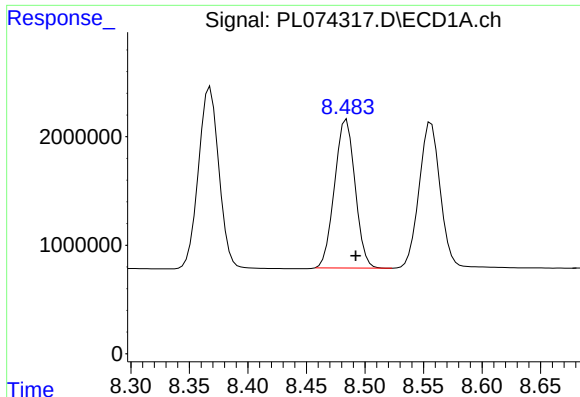
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 15666084
Conc: 48.51 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 82016672
Conc: 53.31 ng/ml



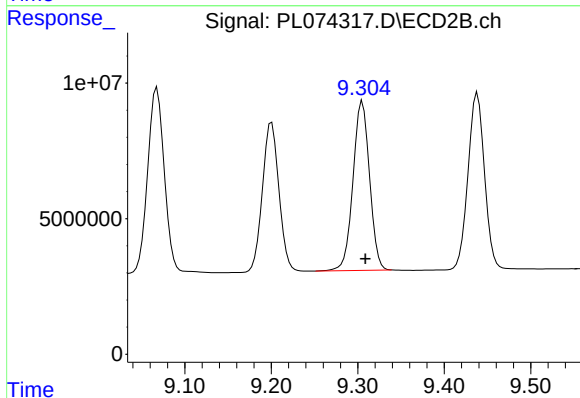
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 16700944
Conc: 45.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144321BS

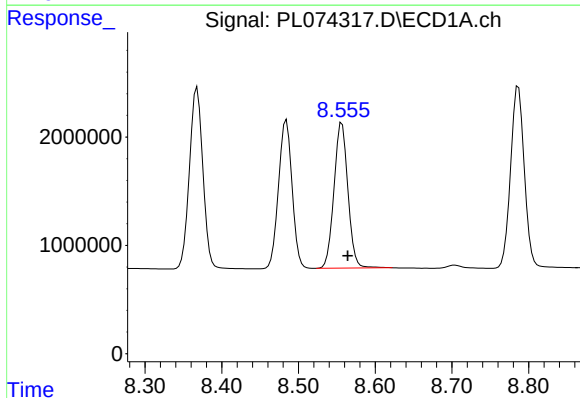
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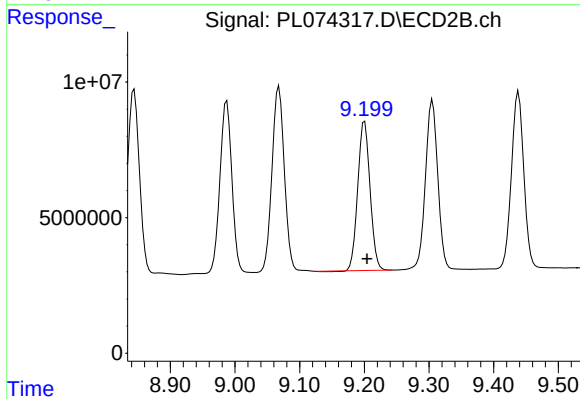
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 82961830
Conc: 46.80 ng/ml



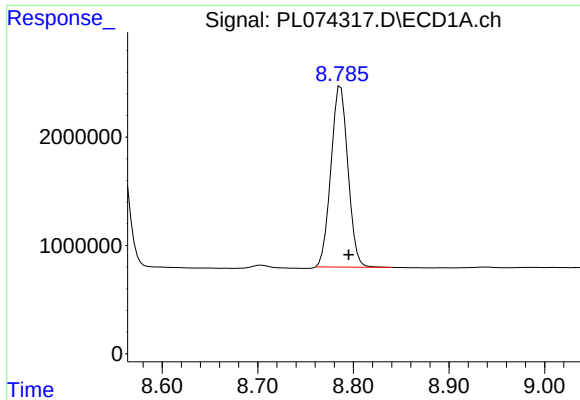
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 16897643
Conc: 52.23 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 72597257
Conc: 56.21 ng/ml



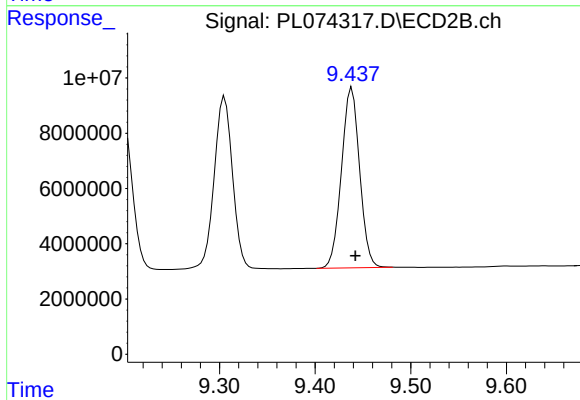
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 20602003
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144321BS

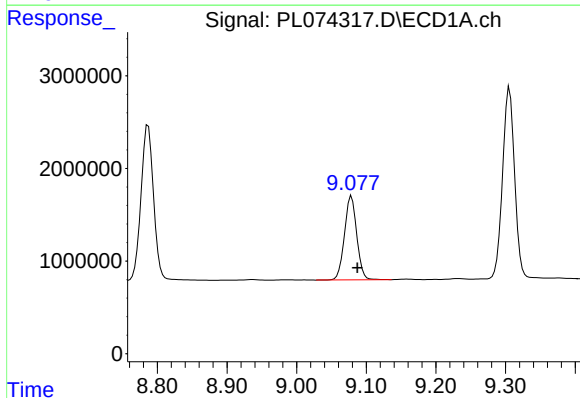
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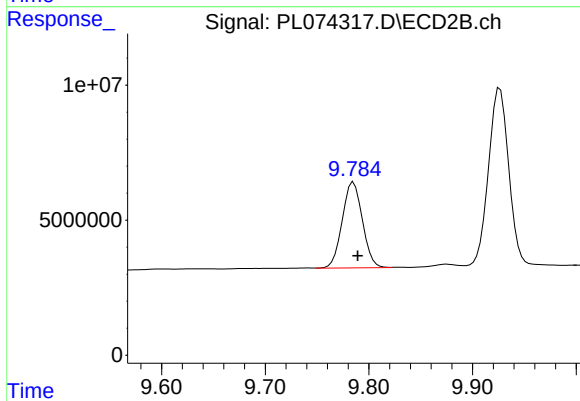
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 86249236
Conc: 51.82 ng/ml



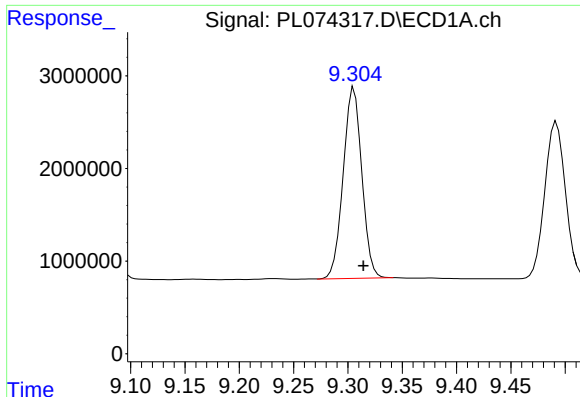
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.009 min
Response: 11151698
Conc: 44.92 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 42945155
Conc: 44.65 ng/ml



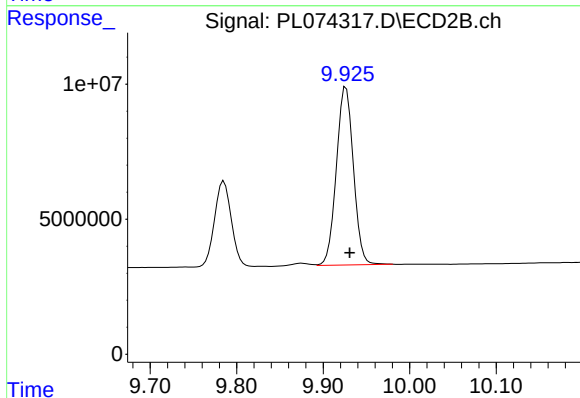
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.010 min
Response: 24657925
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144321BS

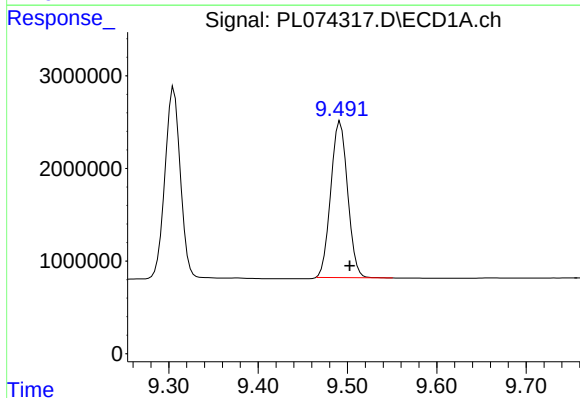
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Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



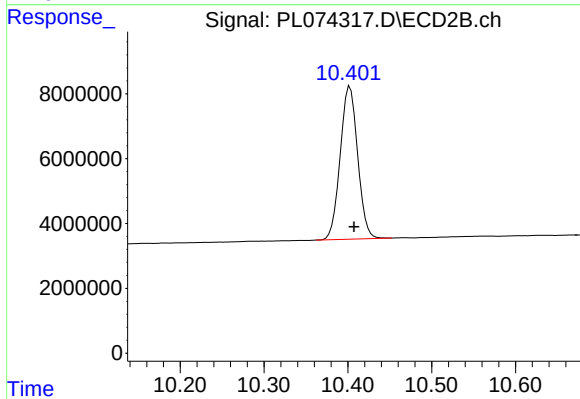
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.004 min
Response: 89920263
Conc: 51.95 ng/ml



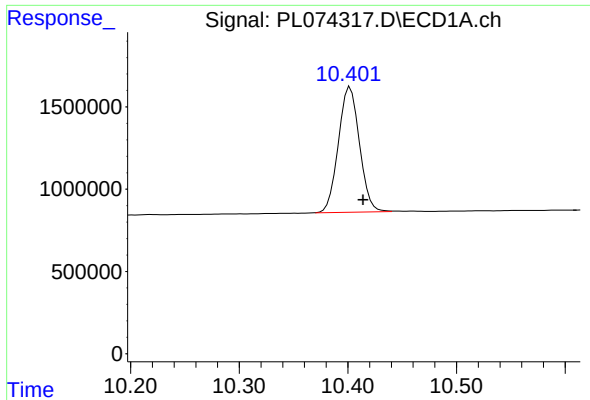
#22 Mirex

R.T.: 9.492 min
Delta R.T.: -0.011 min
Response: 22100414
Conc: 47.38 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 68237131
Conc: 49.54 ng/ml



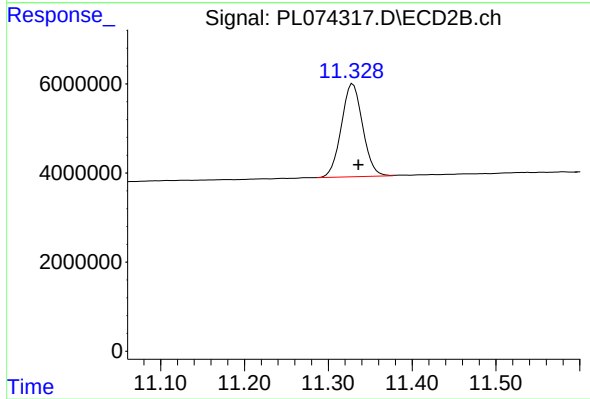
#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.013 min
Response: 10279499
Conc: 19.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144321BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 36816379
Conc: 20.84 ng/ml