

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074339.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2022 16:23
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/26/2022
 Supervised By :mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 02:02:18 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...	4.634	5.490	18193697	97735433	56.308	54.816
28)	SA Decachlor...	10.402	11.331	26926500	97914753	51.779m	55.435
Target Compounds							
2)	A alpha-BHC	5.342	6.053	23375835	142.5E6	55.702	56.581
3)	MA gamma-BHC...	5.765	6.442	22934925	133.4E6	54.685	56.342
4)	MA Heptachlor	6.176	7.100	23603935	137.7E6	52.400	52.779
5)	MB Aldrin	6.501	7.469	22185471	131.5E6	53.453	56.006
6)	B beta-BHC	6.146	6.679	11529372	61163836	56.426	54.270
7)	B delta-BHC	6.407	6.946	22984824	134.7E6	55.563	55.150
8)	B Heptachlo...	7.077	7.925	22914478	122.5E6	53.422	54.415
9)	A Endosulfan I	7.480	8.325	22132196	112.2E6	53.965	57.014
10)	B gamma-Chl...	7.355	8.193	23401692	123.1E6	53.357	55.215
11)	B alpha-Chl...	7.424	8.275	23600488	120.7E6	53.422	56.075
12)	B 4,4'-DDE	7.638	8.460	19875851	116.6E6	54.482	58.547
13)	MA Dieldrin	7.765	8.610	22414179	113.9E6	52.178m	56.815
14)	MA Endrin	8.057	8.844	21068937	96762522	51.864	57.132
15)	B Endosulfa...	8.368	9.068	20970212	92290210	50.879	53.125
16)	A 4,4'-DDD	8.223	8.987	17781691	92068713	55.064	59.839
17)	MA 4,4'-DDT	8.484	9.305	18443880	92333369	49.897	52.087
18)	B Endrin al...	8.556	9.201	16348607	70430748	50.528	54.529
19)	B Endosulfa...	8.786	9.438	22846769	93171116	53.503m	55.981
20)	A Methoxychlor	9.079	9.786	11871381	47284131	47.817	49.160
21)	B Endrin ke...	9.305	9.927	27023439	100.0E6	55.313m	57.791
22)	Mirex	9.493	10.404	24415463	75434738	52.348	54.766

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074339.D
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 Acq On : 25 Apr 2022 16:23
 Operator : AR\AJ
 Sample : PSTDCCC050
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Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

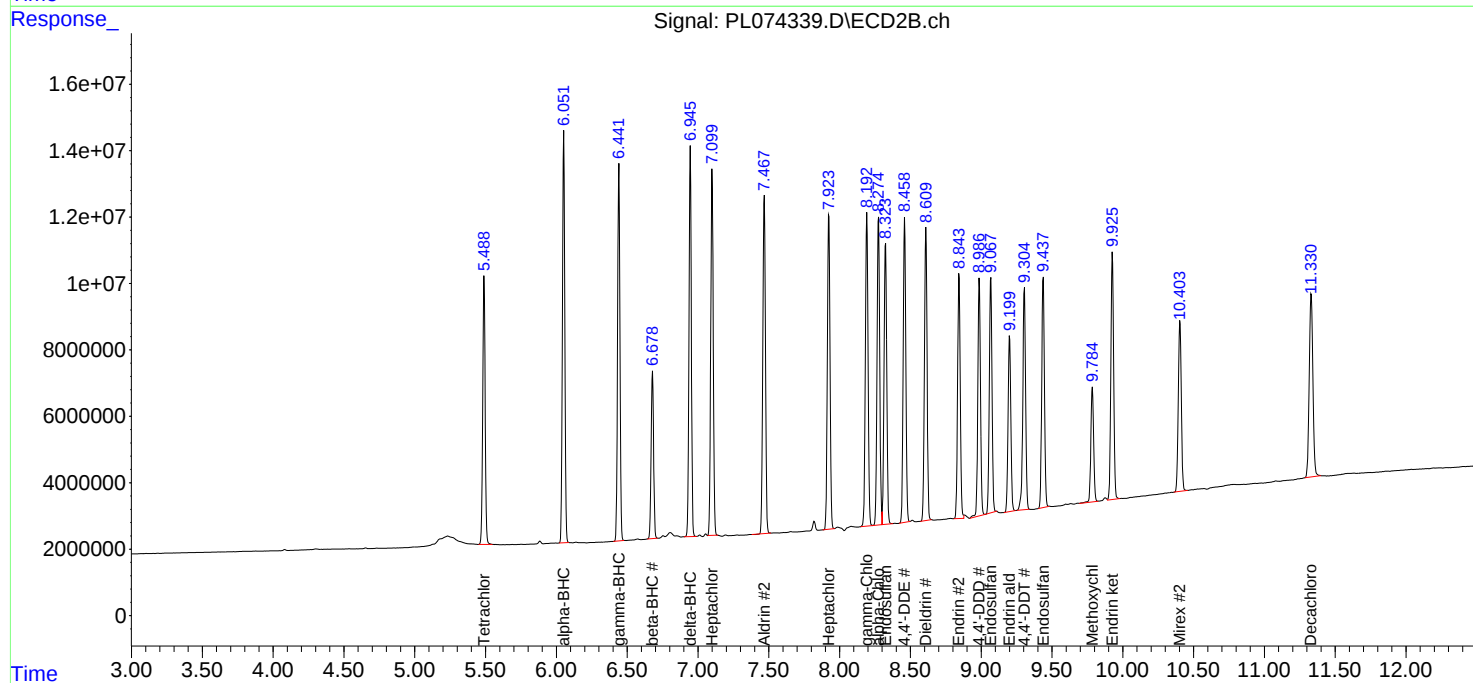
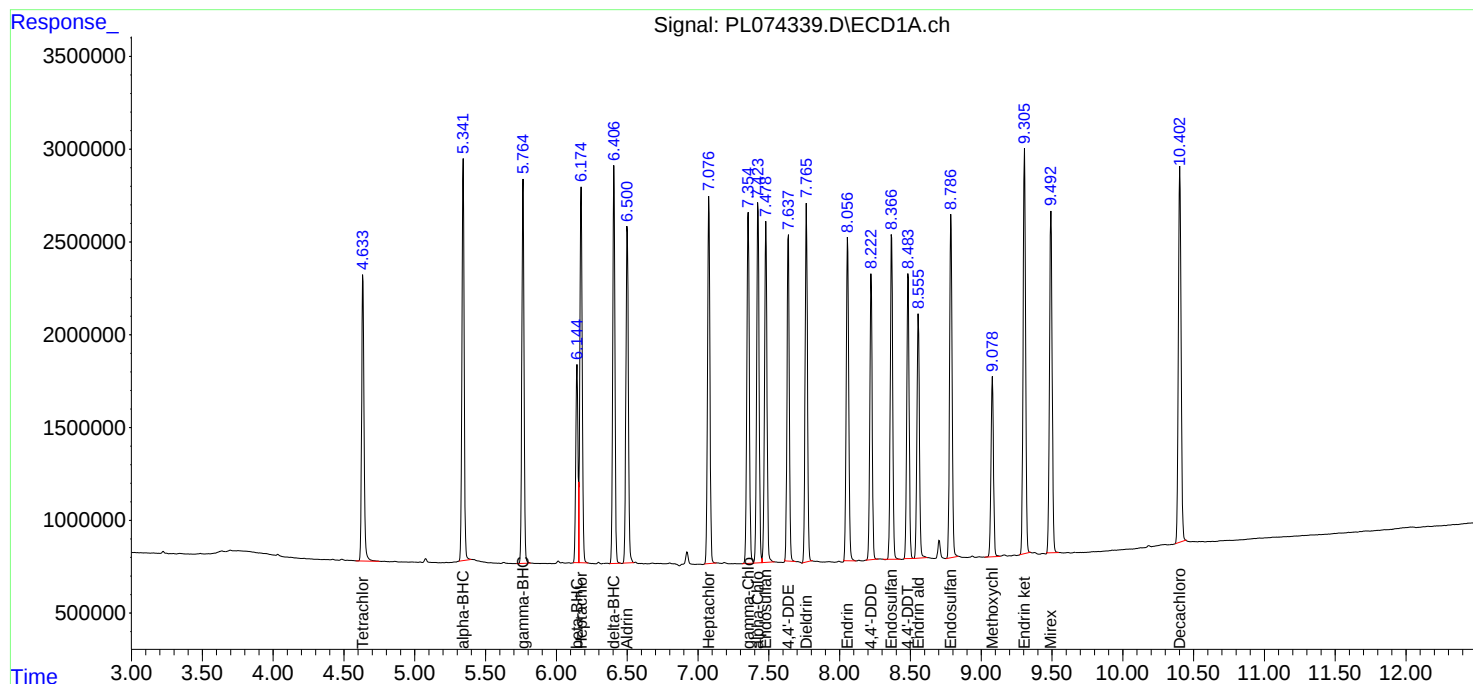
APPROVED

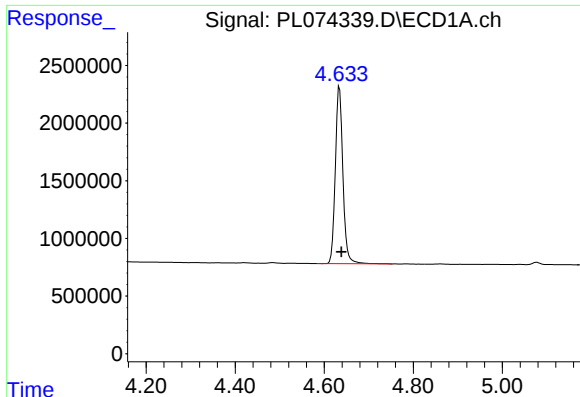
Reviewed By :Abdul Mirza 04/26/2022

Supervised By :mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
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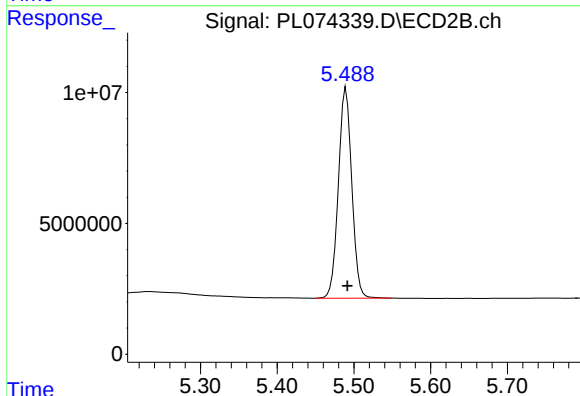
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 18193697
Conc: 56.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

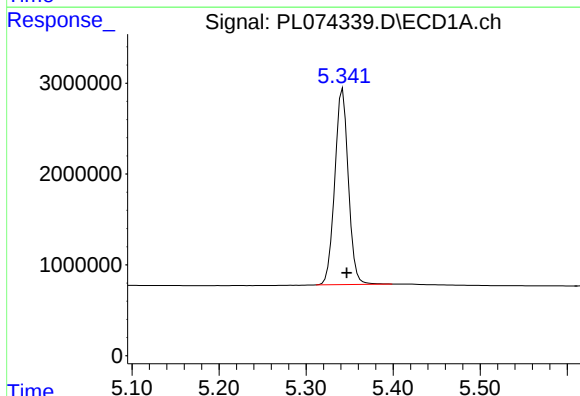
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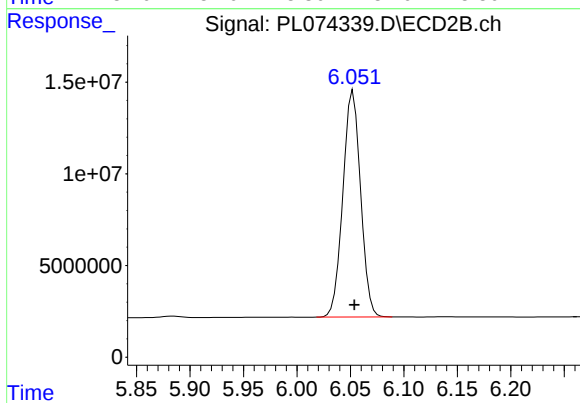
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 97735433
Conc: 54.82 ng/ml



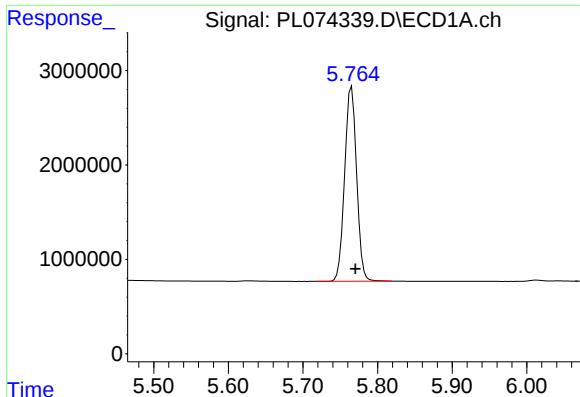
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 23375835
Conc: 55.70 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 142475416
Conc: 56.58 ng/ml



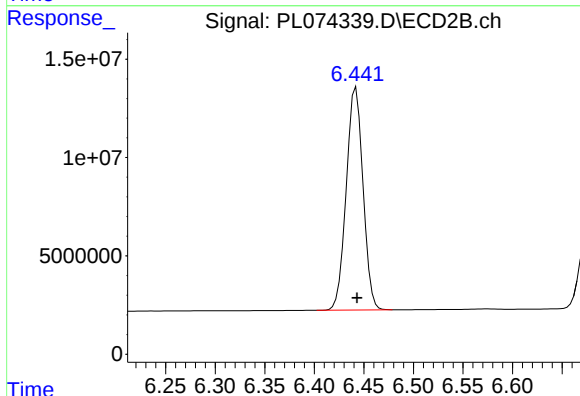
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 22934925
Conc: 54.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

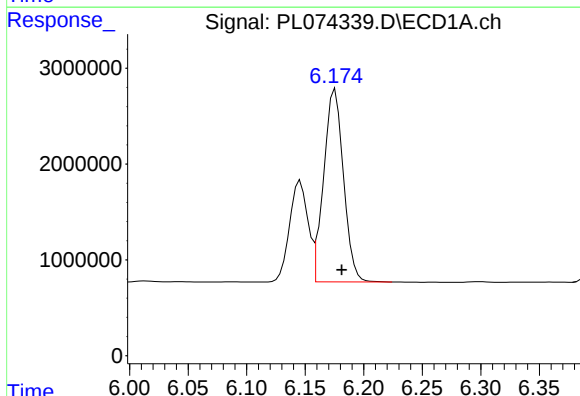
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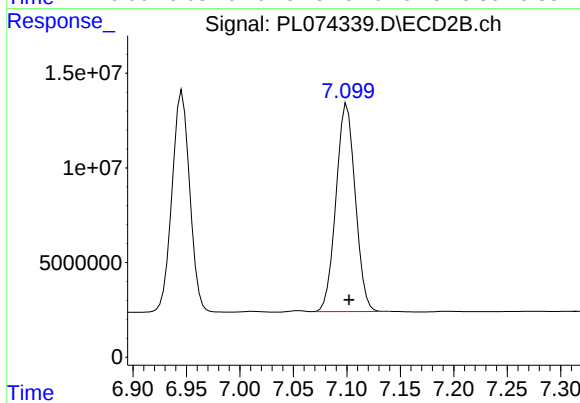
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 133367905
Conc: 56.34 ng/ml



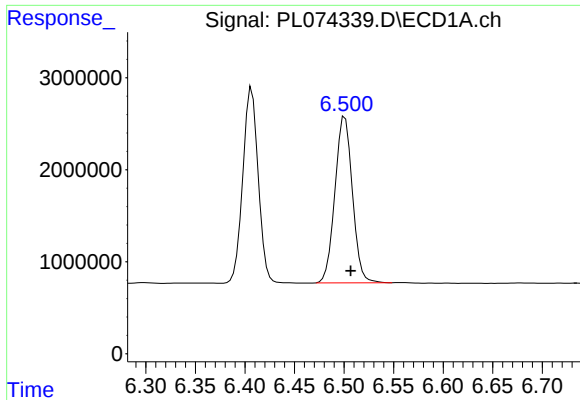
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.006 min
Response: 23603935
Conc: 52.40 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 137668538
Conc: 52.78 ng/ml



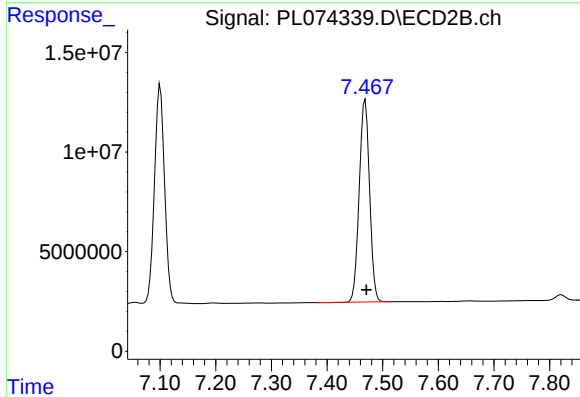
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 22185471
Conc: 53.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

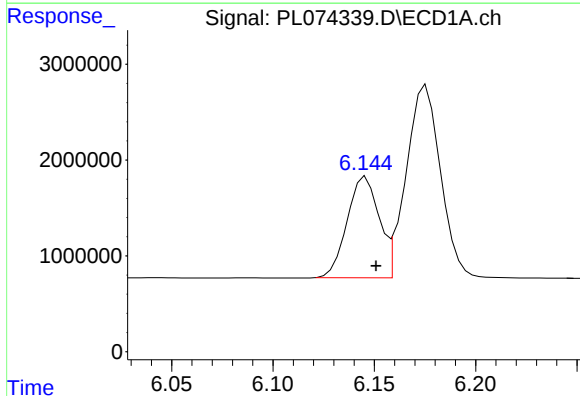
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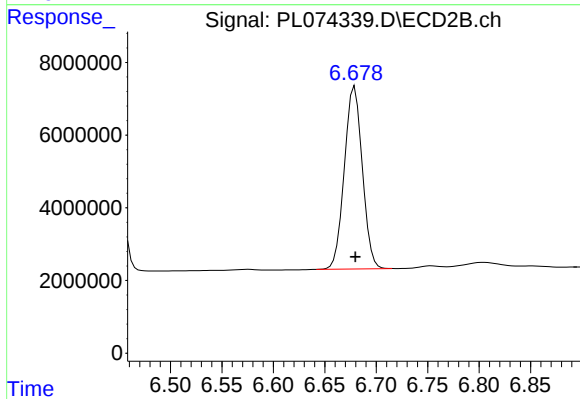
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 131536374
Conc: 56.01 ng/ml



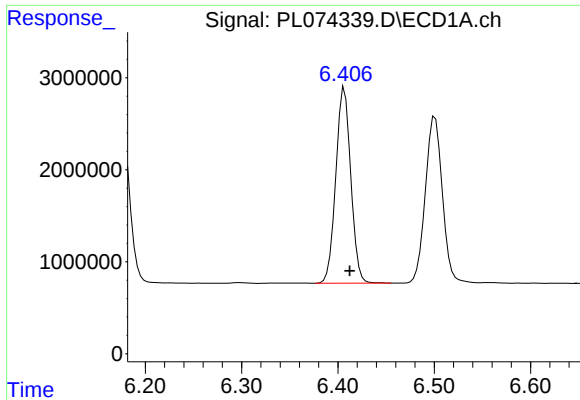
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 11529372
Conc: 56.43 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 61163836
Conc: 54.27 ng/ml



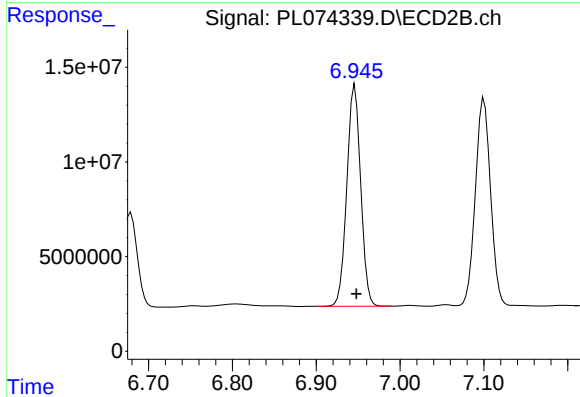
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 22984824
Conc: 55.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

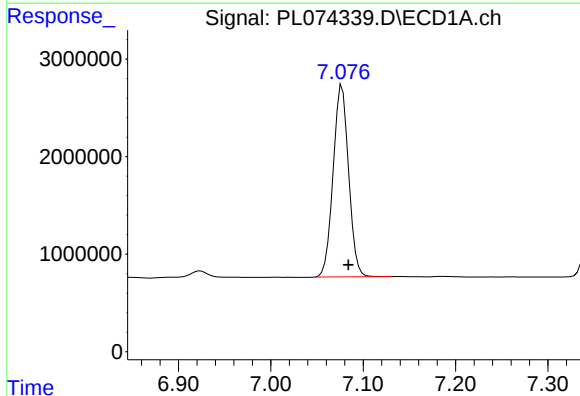
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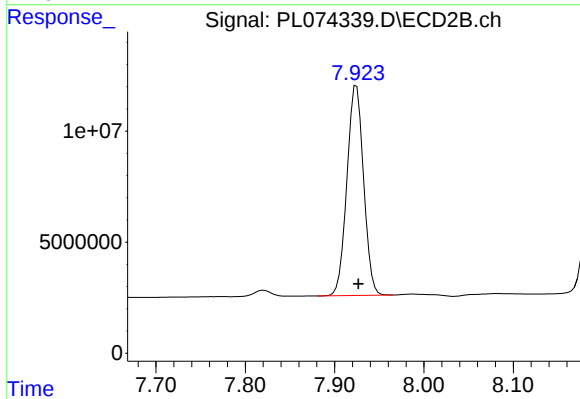
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 134690318
Conc: 55.15 ng/ml



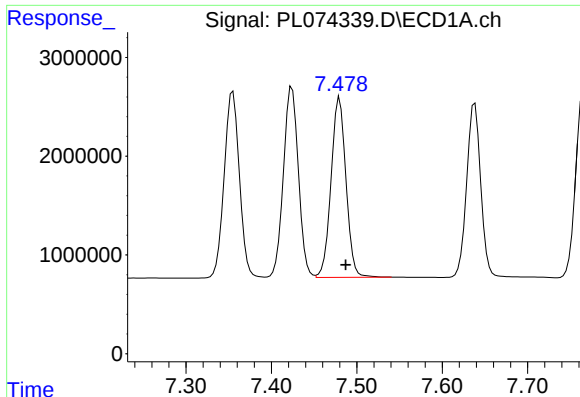
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 22914478
Conc: 53.42 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 122517760
Conc: 54.41 ng/ml



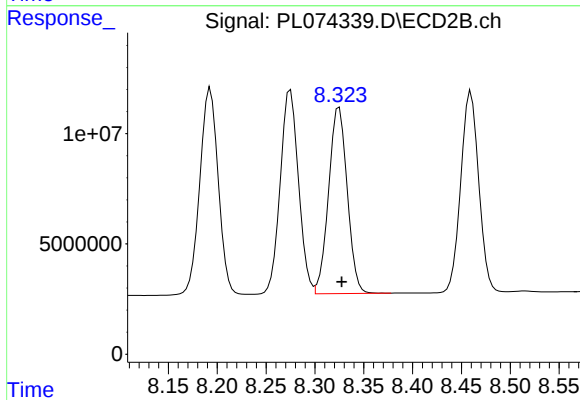
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 22132196
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

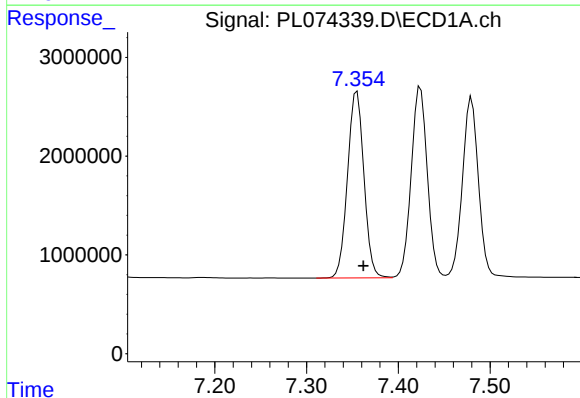
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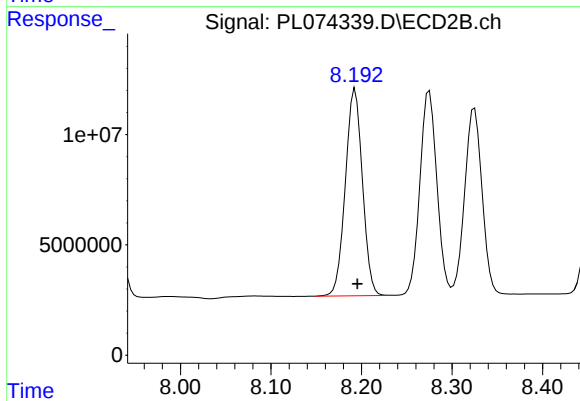
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 112242057
Conc: 57.01 ng/ml



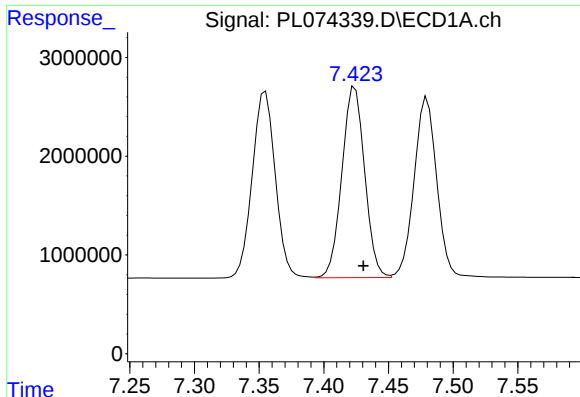
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 23401692
Conc: 53.36 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 123149154
Conc: 55.22 ng/ml



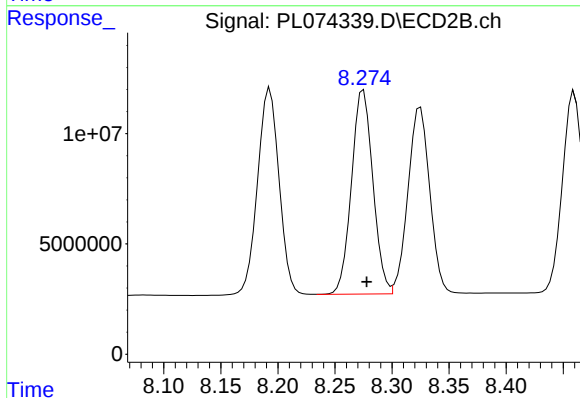
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 23600488
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

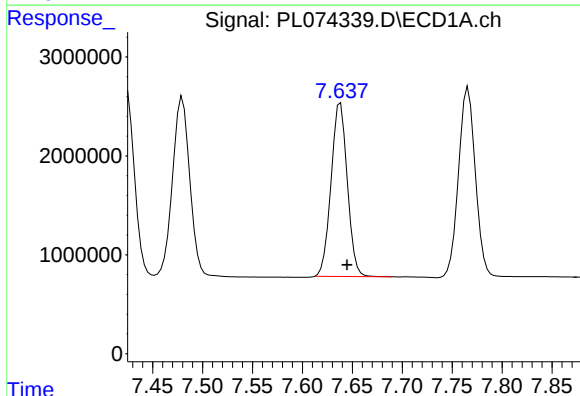
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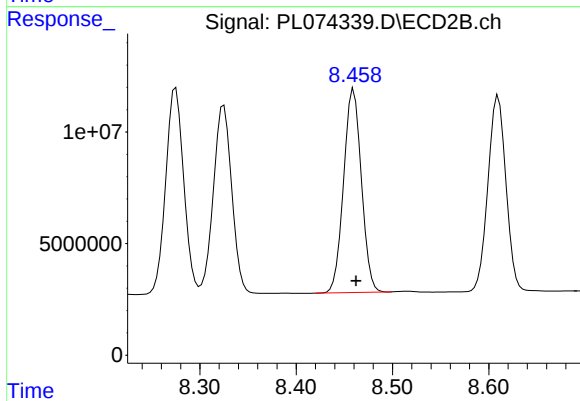
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 120706986
Conc: 56.08 ng/ml



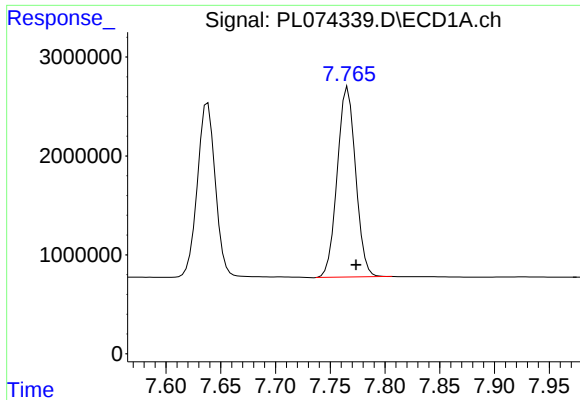
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 19875851
Conc: 54.48 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 116607600
Conc: 58.55 ng/ml



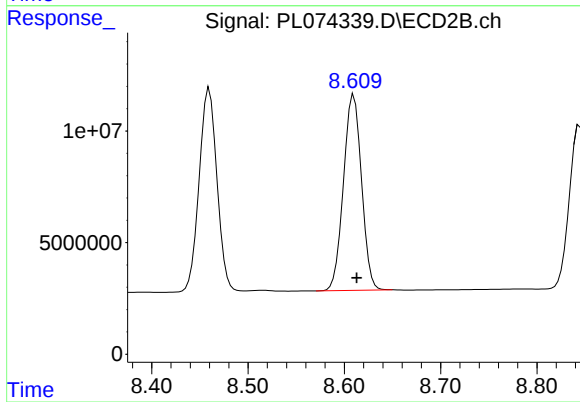
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: -0.009 min
Response: 22414179
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

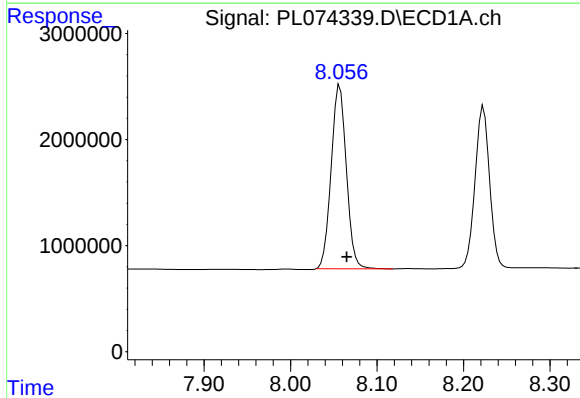
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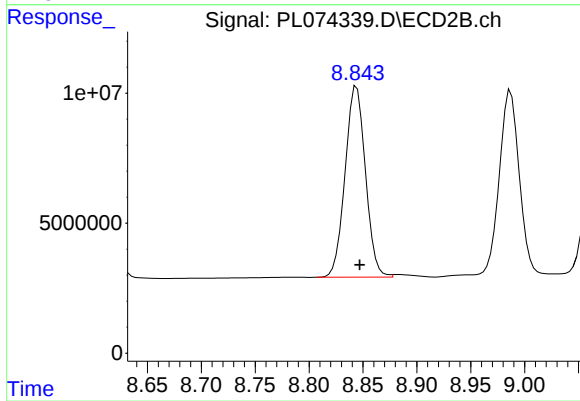
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 113929591
Conc: 56.81 ng/ml



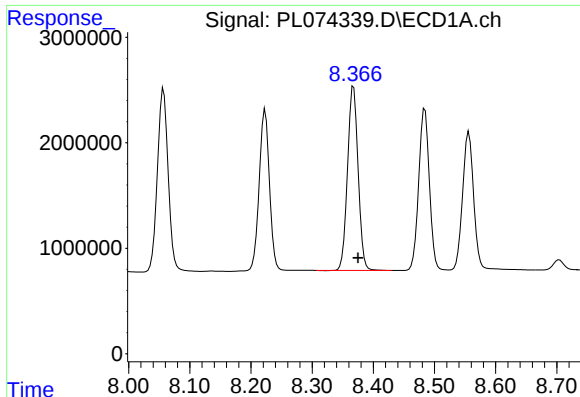
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.008 min
Response: 21068937
Conc: 51.86 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 96762522
Conc: 57.13 ng/ml



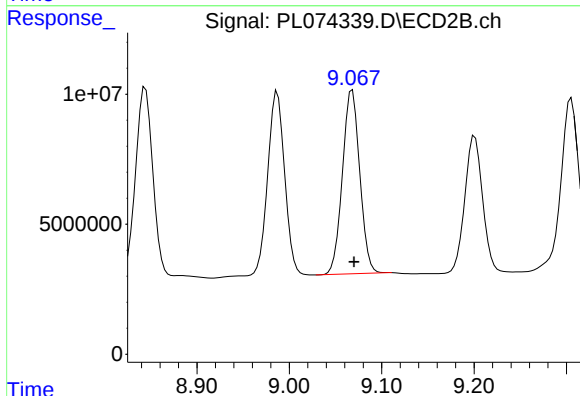
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.008 min
Response: 20970212
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

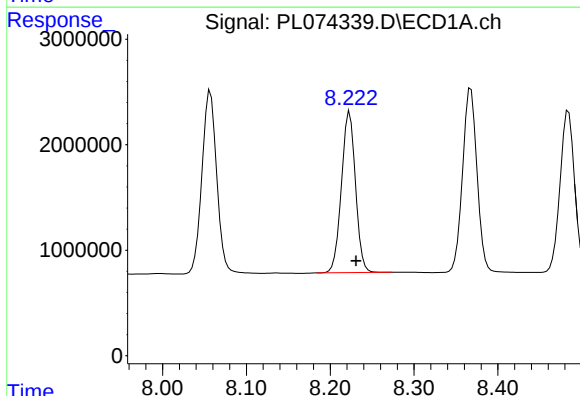
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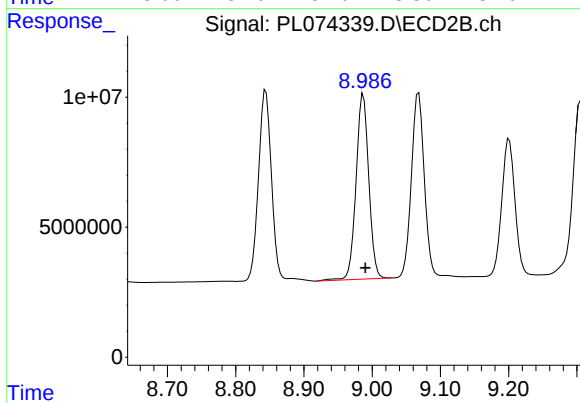
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 92290210
Conc: 53.12 ng/ml



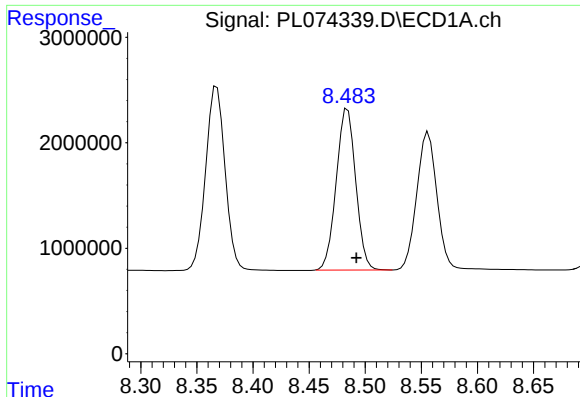
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 17781691
Conc: 55.06 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 92068713
Conc: 59.84 ng/ml



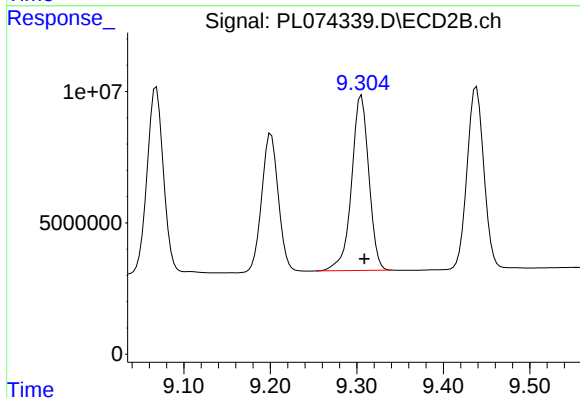
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 18443880
Conc: 49.90 ng/ml

Instrument :
ECD_L
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PSTDCCC050

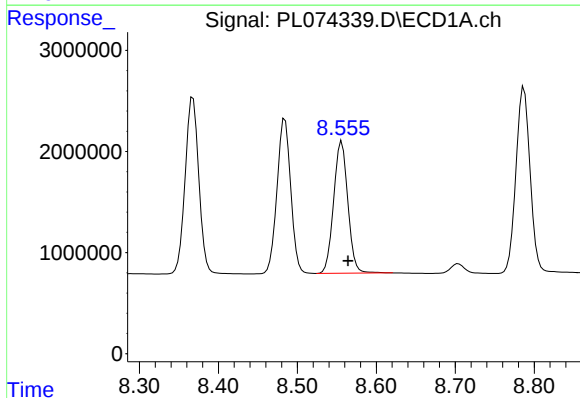
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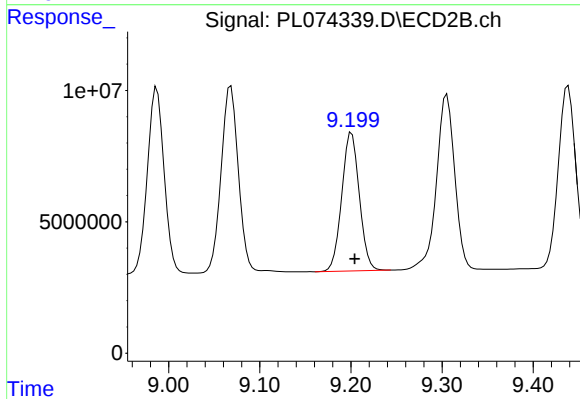
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 92333369
Conc: 52.09 ng/ml



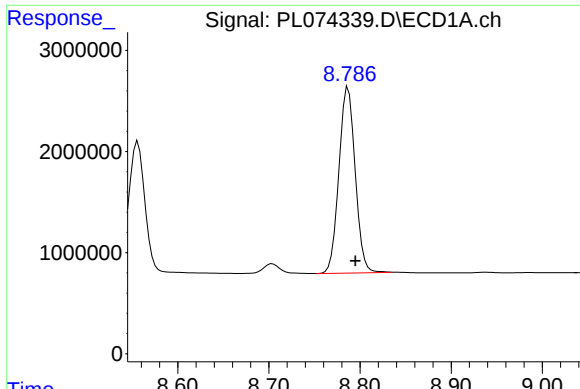
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.008 min
Response: 16348607
Conc: 50.53 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.004 min
Response: 70430748
Conc: 54.53 ng/ml



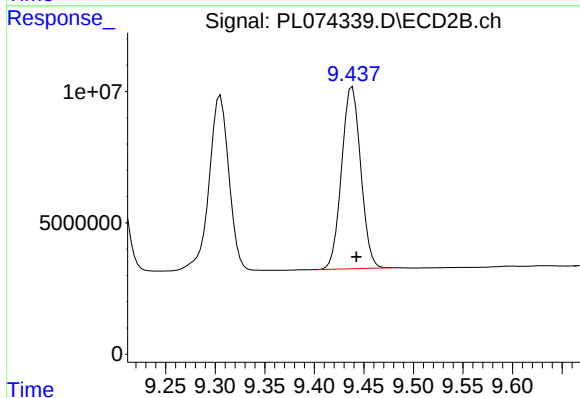
#19 Endosulfan Sulfate

R.T.: 8.786 min
Delta R.T.: -0.009 min
Response: 22846769
Conc: 53.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

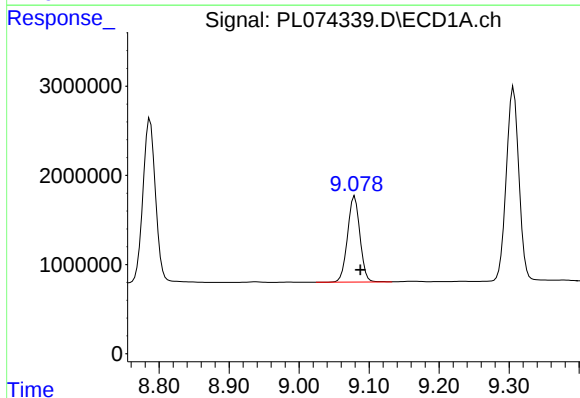
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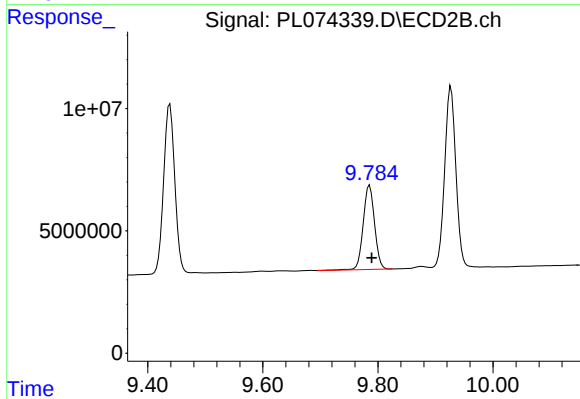
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 93171116
Conc: 55.98 ng/ml



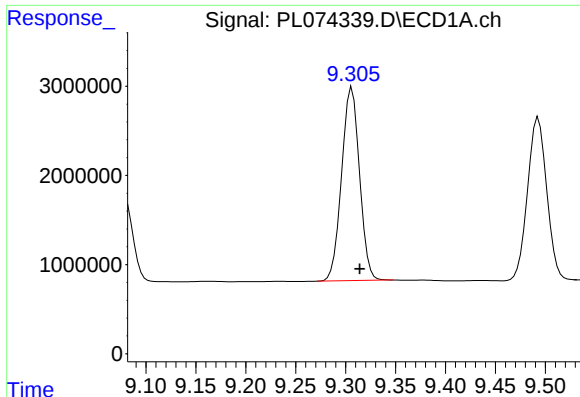
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 11871381
Conc: 47.82 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 47284131
Conc: 49.16 ng/ml



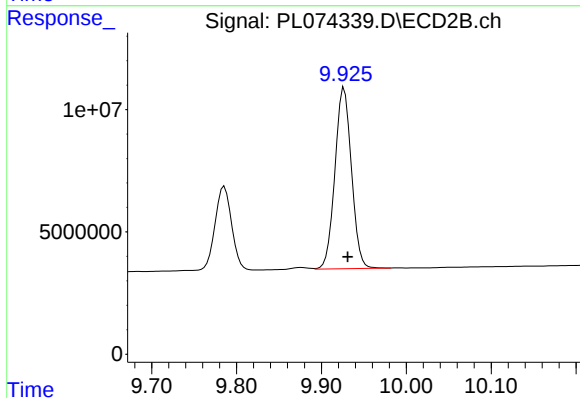
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.009 min
Response: 27023439
Conc: 55.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

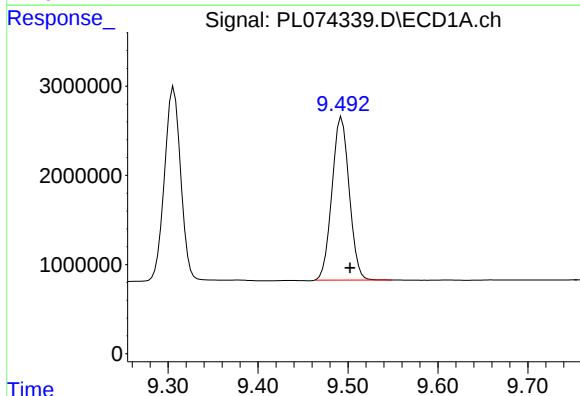
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2022
Supervised By :mohammad ahmed 04/26/2022



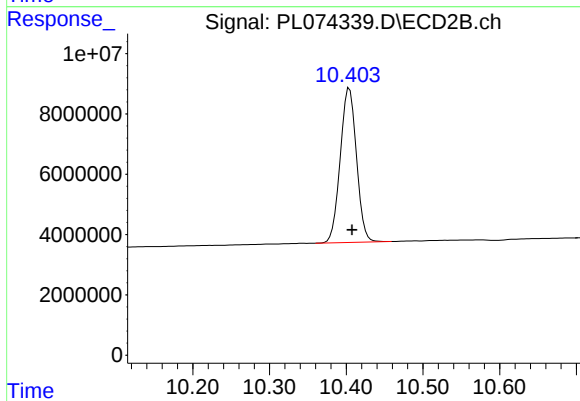
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 100033261
Conc: 57.79 ng/ml



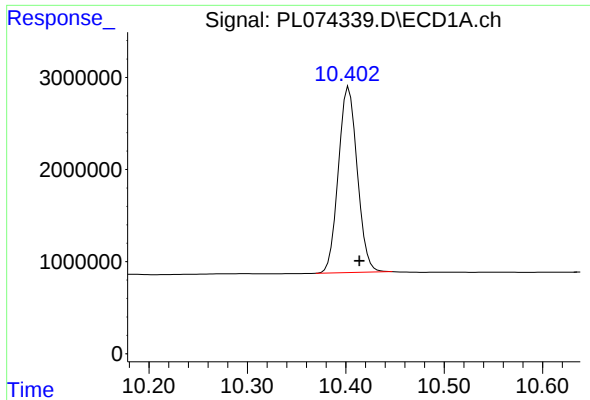
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.009 min
Response: 24415463
Conc: 52.35 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.003 min
Response: 75434738
Conc: 54.77 ng/ml



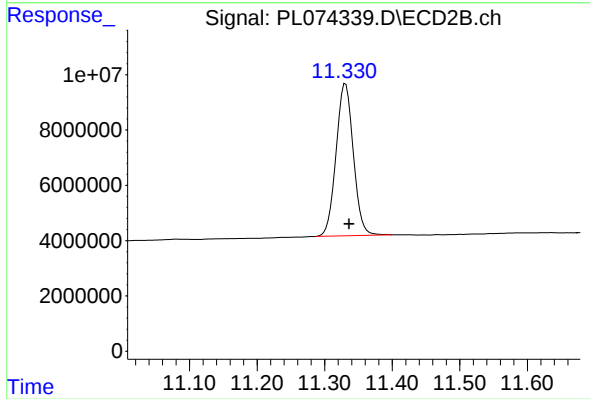
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 26926500
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 97914753
Conc: 55.43 ng/ml