

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074326.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2022 12:29
 Operator : AR\AJ
 Sample : PB144336BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144336BS

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 01:57:29 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...	4.636	5.488	6415461	33047388	19.855	18.535
28)	SA Decachlor...	10.404	11.331	10853820	35567387	20.872m	20.137
Target Compounds							
2)	A alpha-BHC	5.343	6.051	19850418	122.0E6	47.301	48.446
3)	MA gamma-BHC...	5.767	6.441	19496097	114.4E6	46.486	48.349
4)	MA Heptachlor	6.177	7.099	20394587	120.0E6	45.275	45.989
5)	MB Aldrin	6.503	7.468	19749235	118.7E6	47.583	50.546
6)	B beta-BHC	6.148	6.678	9368218	50521961	45.849	44.828
7)	B delta-BHC	6.409	6.945	19525856	116.1E6	47.201	47.523
8)	B Heptachlo...	7.079	7.924	20024329	107.0E6	46.684	47.520
9)	A Endosulfan I	7.482	8.325	19020768	97091691	46.378	49.319
10)	B gamma-Chl...	7.357	8.193	20528703	108.4E6	46.806	48.617
11)	B alpha-Chl...	7.426	8.275	20756228	106.0E6	46.984	49.240
12)	B 4,4'-DDE	7.640	8.460	17130394	102.8E6	46.956	51.633
13)	MA Dieldrin	7.767	8.610	20168094	103.7E6	46.949m	51.726
14)	MA Endrin	8.059	8.845	19009952	87008900	46.796	51.373
15)	B Endosulfa...	8.370	9.069	20025575	87599211	48.587	50.425
16)	A 4,4'-DDD	8.225	8.987	15037800	78644604	46.567	51.114
17)	MA 4,4'-DDT	8.486	9.306	16272053	81589248	44.021	46.026
18)	B Endrin al...	8.558	9.201	16645847	72410270	51.447	56.061
19)	B Endosulfa...	8.790	9.439	20228346	83389764	47.371	50.104
20)	A Methoxychlor	9.081	9.785	10400018	41812765	41.890	43.471m
21)	B Endrin ke...	9.307	9.927	24038550	88408905	49.204m	51.076
22)	Mirex	9.496	10.404	22156735	67255663	47.506	48.828

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074326.D
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 Acq On : 25 Apr 2022 12:29
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Manual Integrations

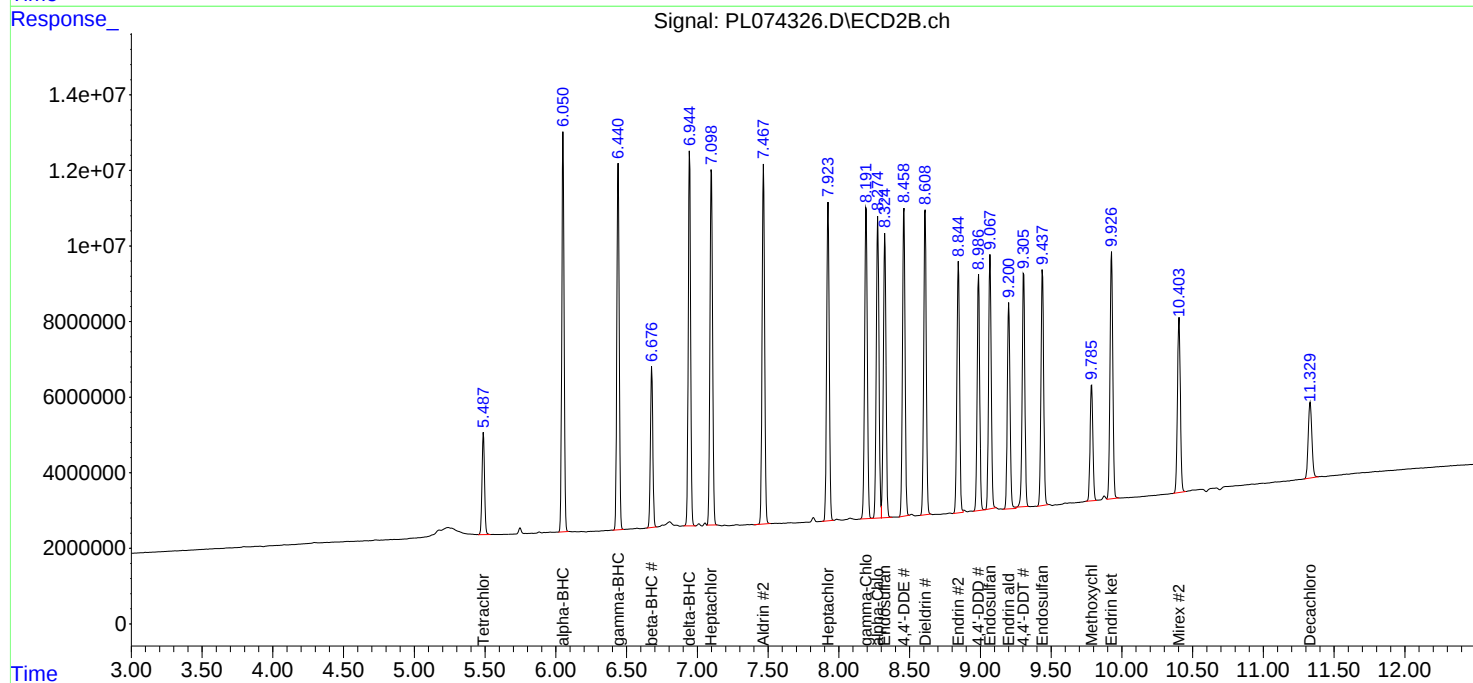
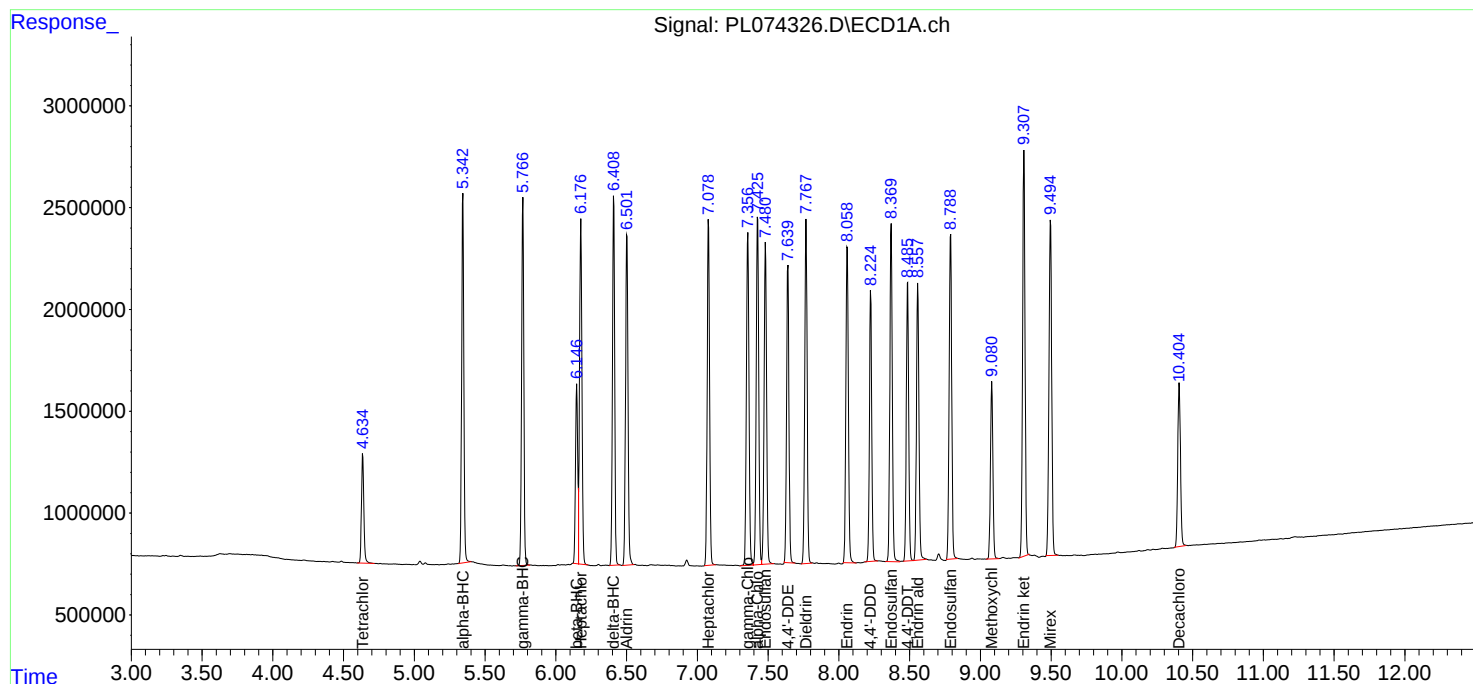
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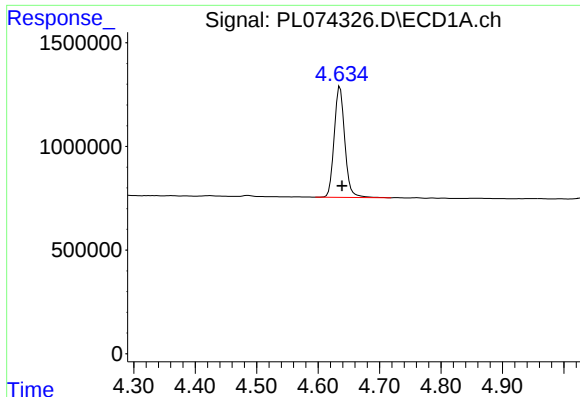
Reviewed By :Abdul Mirza 04/26/2022

Supervised By :mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 01:57:29 2022
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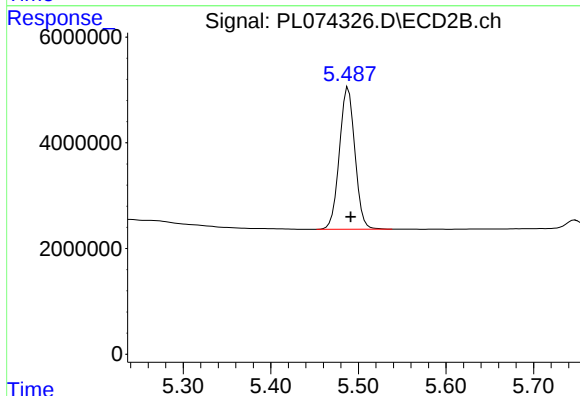
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 6415461
Conc: 19.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144336BS

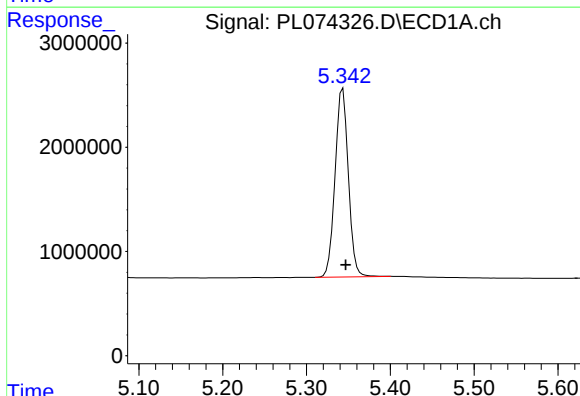
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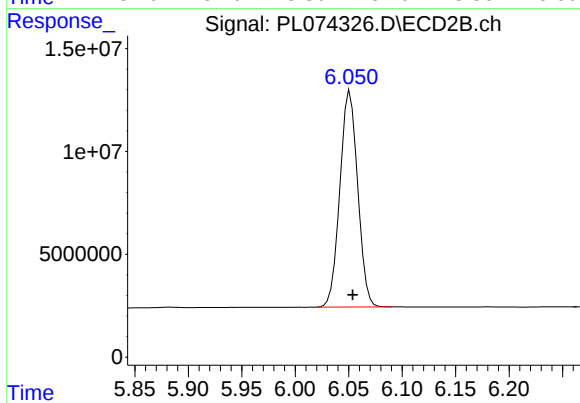
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 33047388
Conc: 18.54 ng/ml



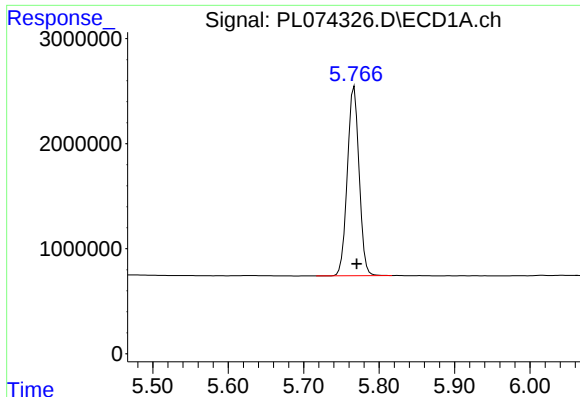
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 19850418
Conc: 47.30 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 121991050
Conc: 48.45 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.767 min
Delta R.T.: -0.003 min
Response: 19496097
Conc: 46.49 ng/ml

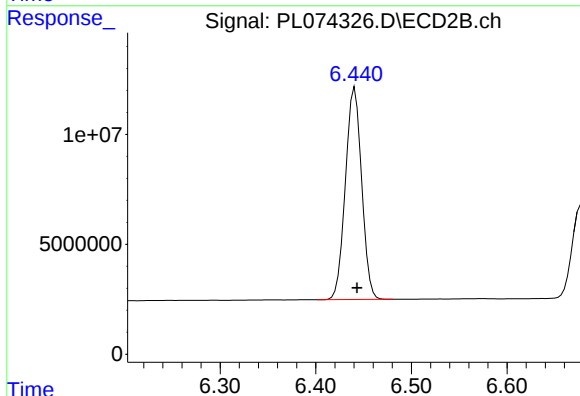
Instrument :

ECD_L

ClientSampleId :
PB144336BS

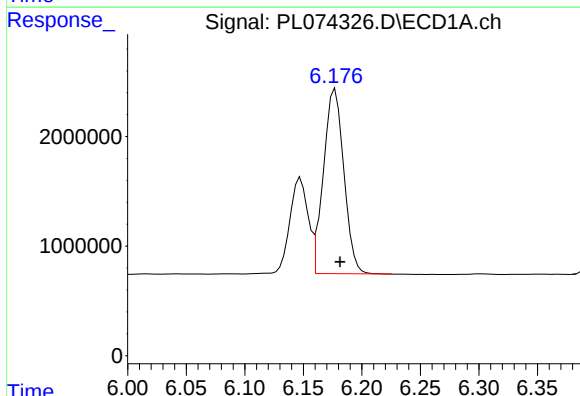
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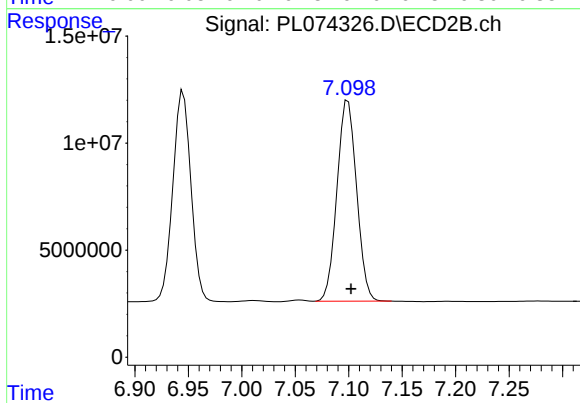
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 114448293
Conc: 48.35 ng/ml



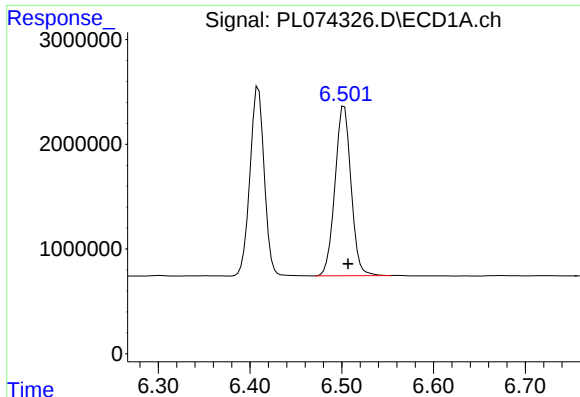
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.004 min
Response: 20394587
Conc: 45.28 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 119958482
Conc: 45.99 ng/ml



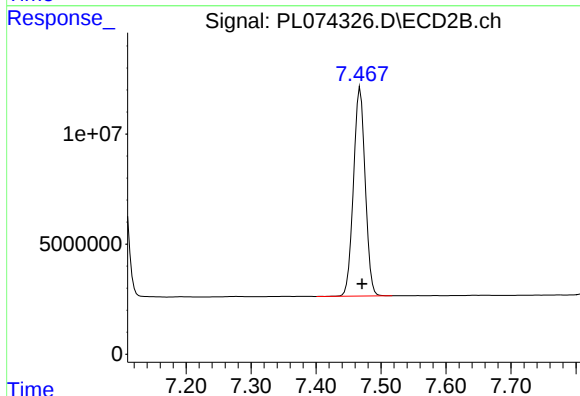
#5 Aldrin

R.T.: 6.503 min
Delta R.T.: -0.004 min
Response: 19749235
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144336BS

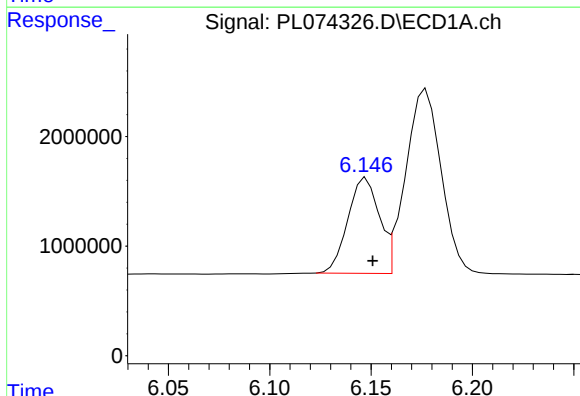
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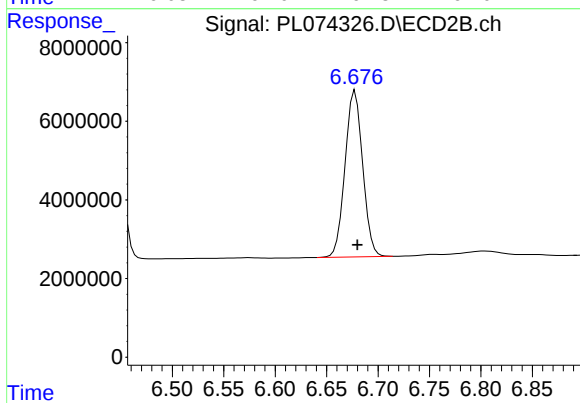
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 118713347
Conc: 50.55 ng/ml



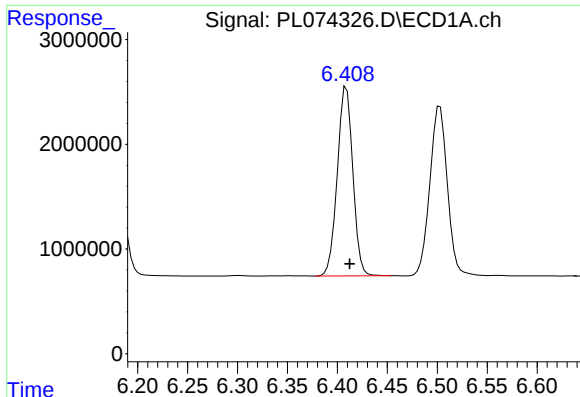
#6 beta-BHC

R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 9368218
Conc: 45.85 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 50521961
Conc: 44.83 ng/ml



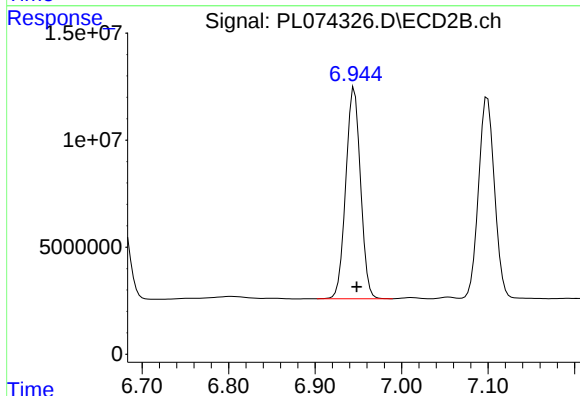
#7 delta-BHC

R.T.: 6.409 min
Delta R.T.: -0.003 min
Response: 19525856
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144336BS

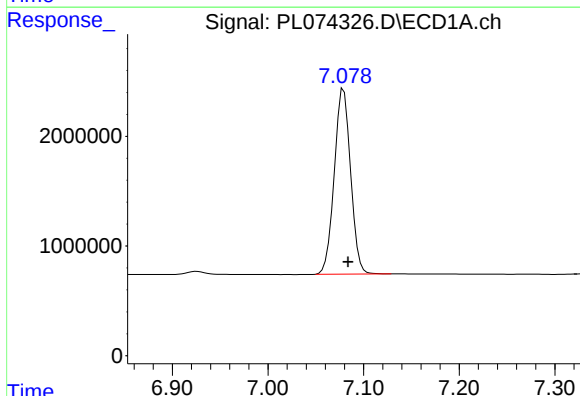
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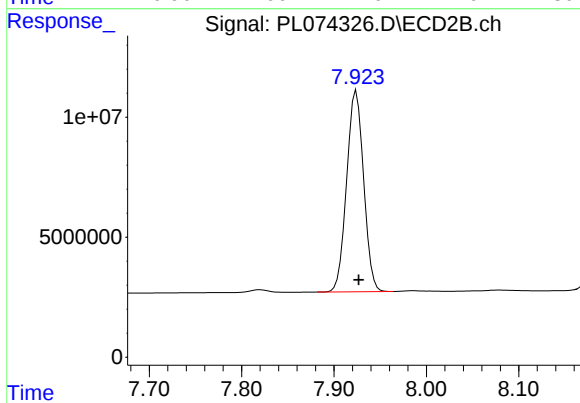
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 116065077
Conc: 47.52 ng/ml



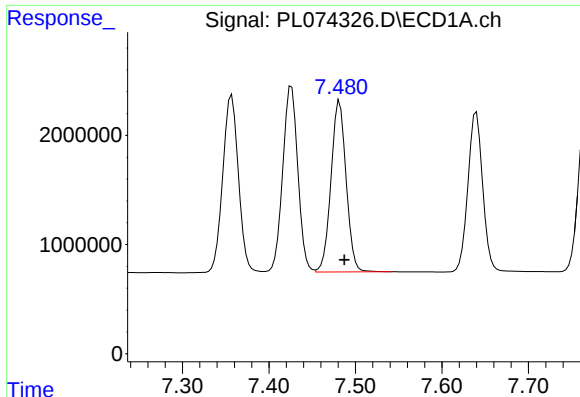
#8 Heptachlor epoxide

R.T.: 7.079 min
Delta R.T.: -0.005 min
Response: 20024329
Conc: 46.68 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 106994794
Conc: 47.52 ng/ml



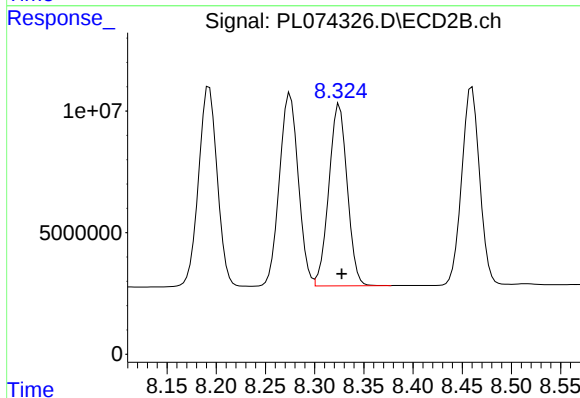
#9 Endosulfan I

R.T.: 7.482 min
Delta R.T.: -0.005 min
Response: 19020768
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144336BS

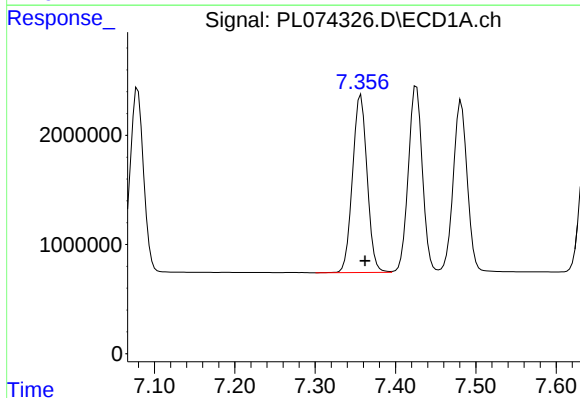
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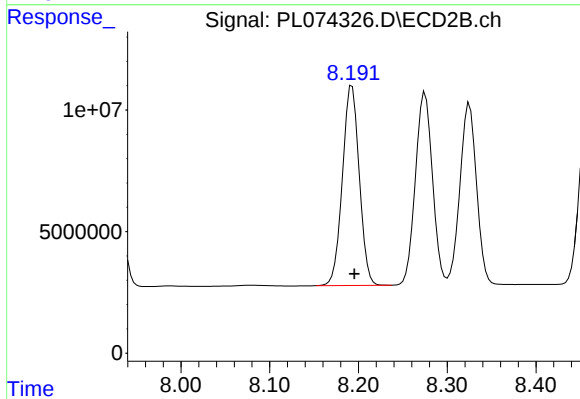
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 97091691
Conc: 49.32 ng/ml



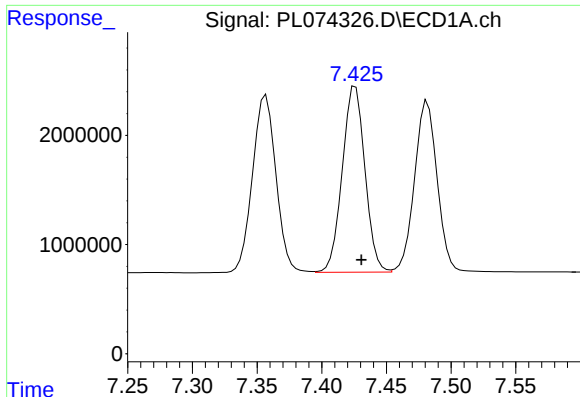
#10 gamma-Chlordane

R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 20528703
Conc: 46.81 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 108433791
Conc: 48.62 ng/ml



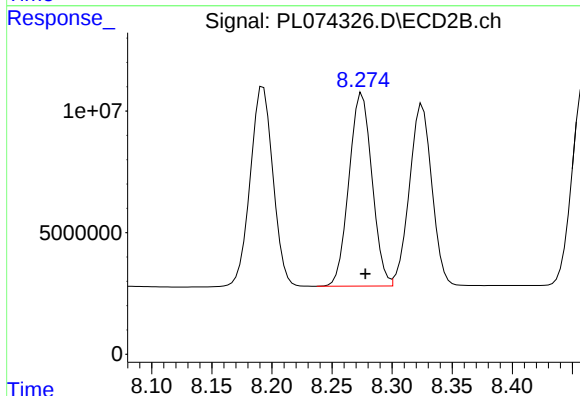
#11 alpha-Chlordane

R.T.: 7.426 min
Delta R.T.: -0.005 min
Response: 20756228
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144336BS

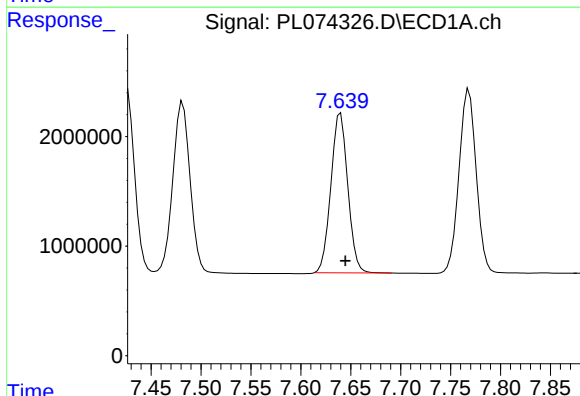
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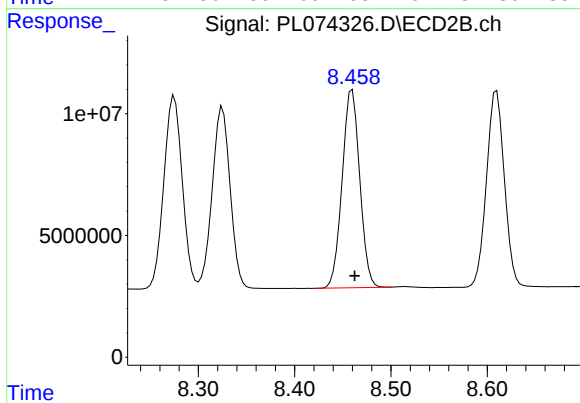
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 105993691
Conc: 49.24 ng/ml



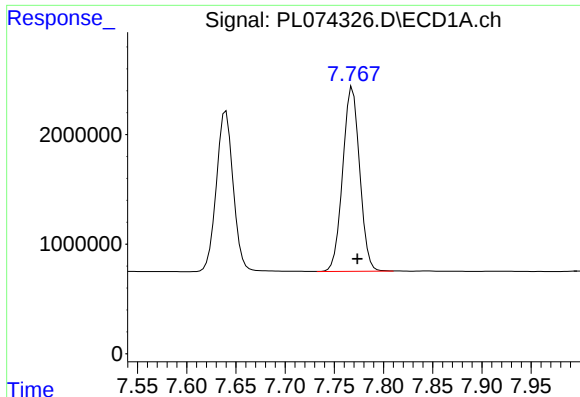
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 17130394
Conc: 46.96 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 102836556
Conc: 51.63 ng/ml



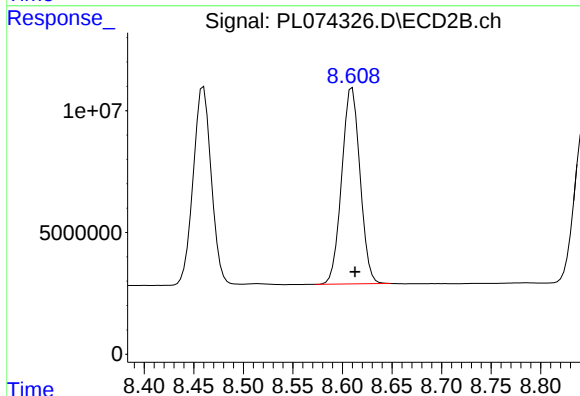
#13 Dieldrin

R.T.: 7.767 min
Delta R.T.: -0.006 min
Response: 20168094
Conc: 46.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144336BS

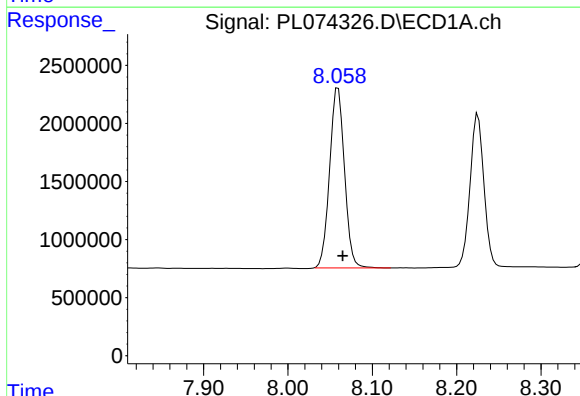
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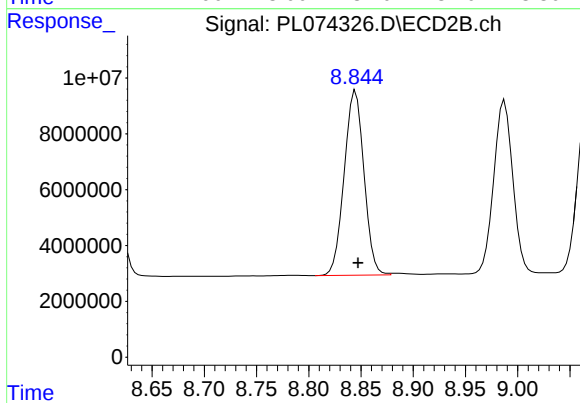
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 103724611
Conc: 51.73 ng/ml



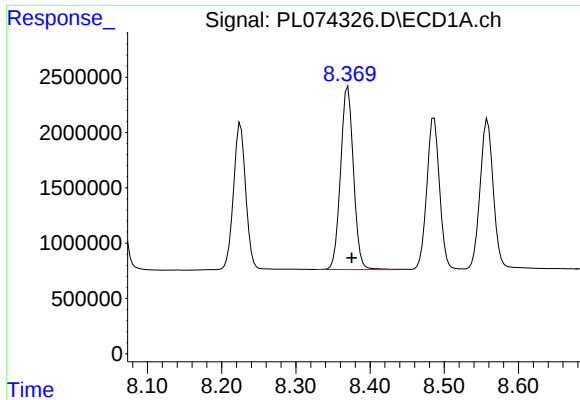
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 19009952
Conc: 46.80 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 87008900
Conc: 51.37 ng/ml



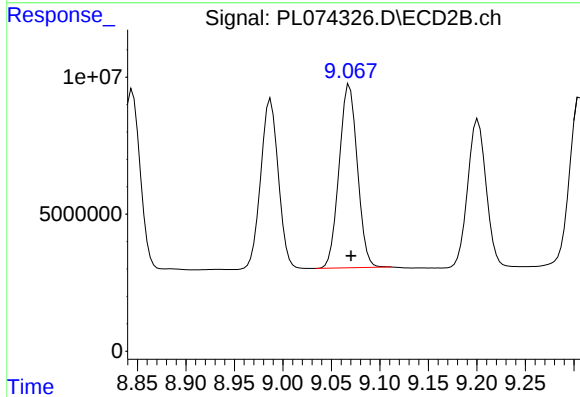
#15 Endosulfan II

R.T.: 8.370 min
Delta R.T.: -0.005 min
Response: 20025575
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144336BS

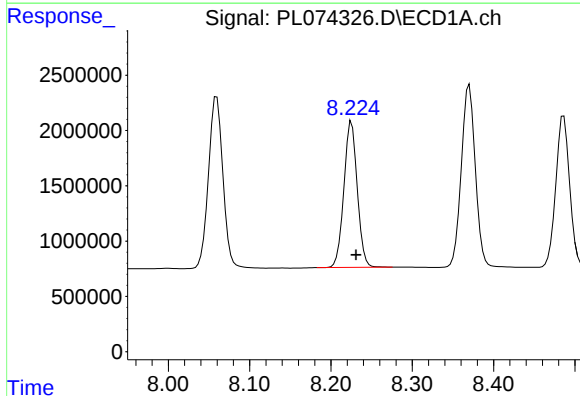
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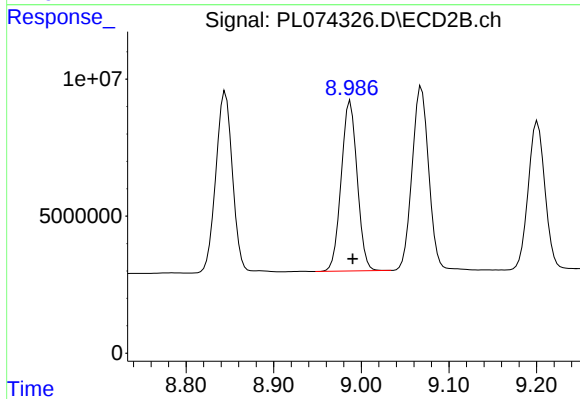
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 87599211
Conc: 50.42 ng/ml



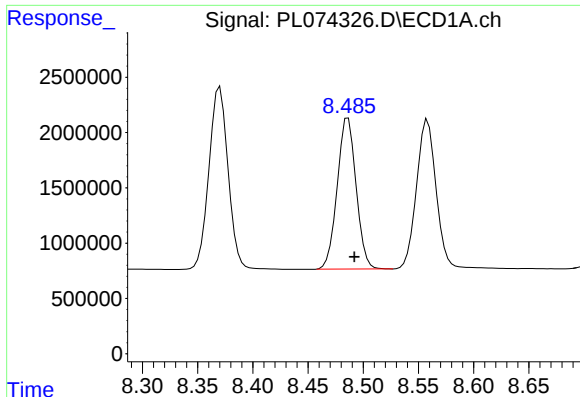
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 15037800
Conc: 46.57 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 78644604
Conc: 51.11 ng/ml



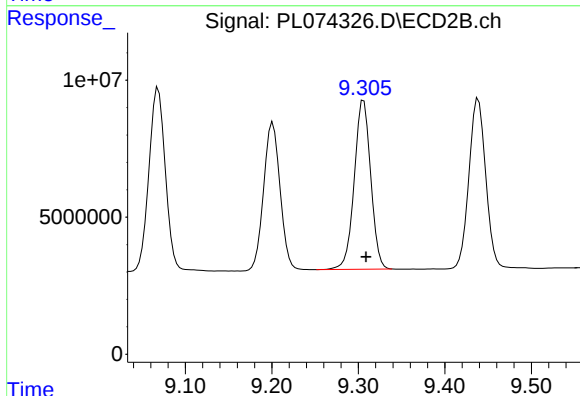
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 16272053
Conc: 44.02 ng/ml

Instrument :
ECD_L
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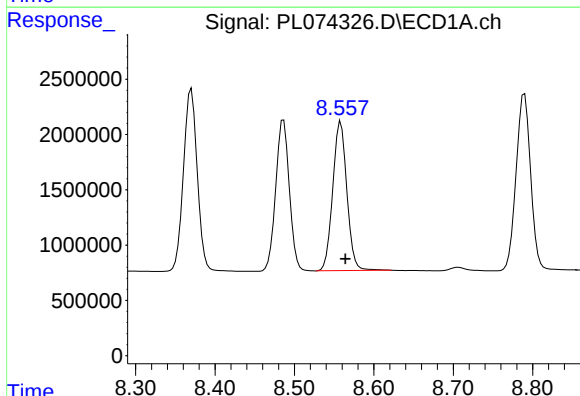
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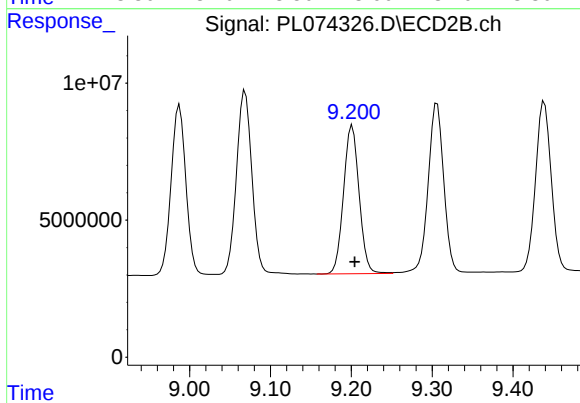
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 81589248
Conc: 46.03 ng/ml



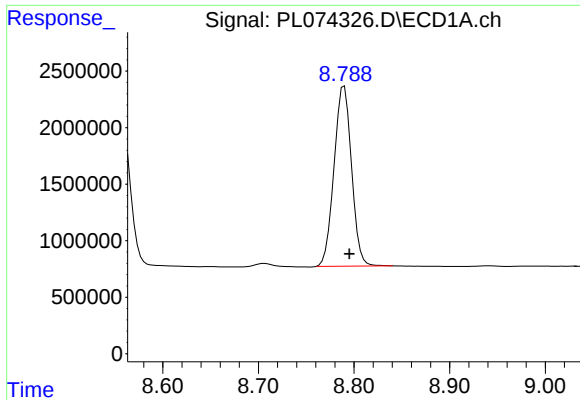
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.006 min
Response: 16645847
Conc: 51.45 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 72410270
Conc: 56.06 ng/ml



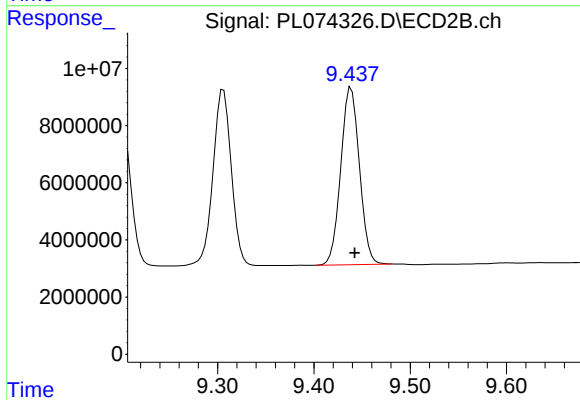
#19 Endosulfan Sulfate

R.T.: 8.790 min
Delta R.T.: -0.005 min
Response: 20228346
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144336BS

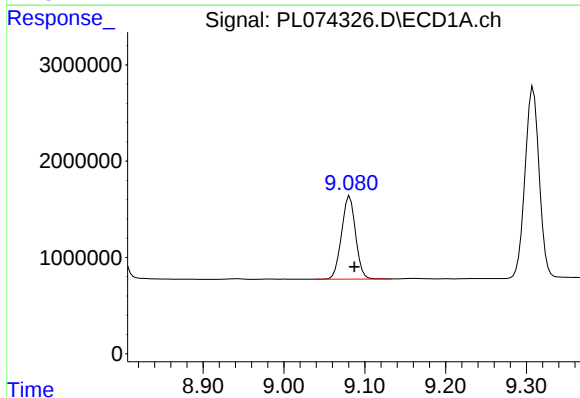
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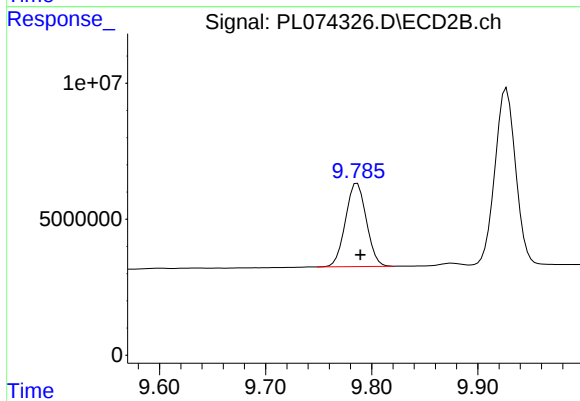
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.004 min
Response: 83389764
Conc: 50.10 ng/ml



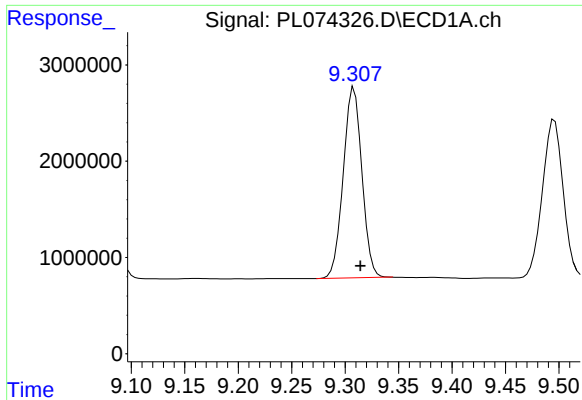
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 10400018
Conc: 41.89 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 41812765
Conc: 43.47 ng/ml m



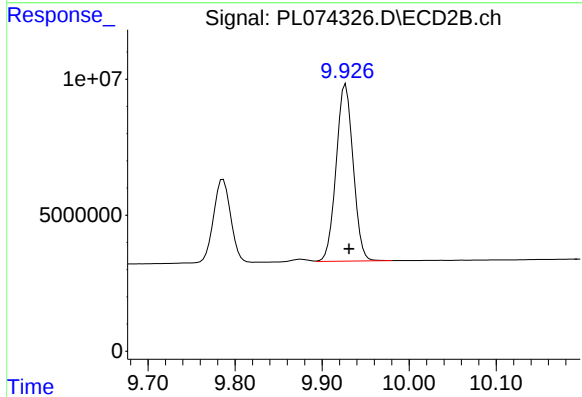
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 24038550
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144336BS

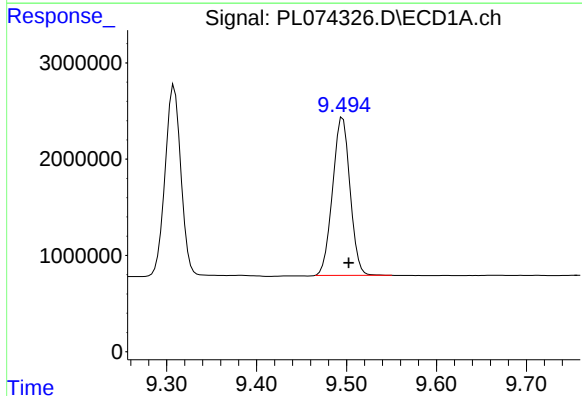
Manual Integrations
APPROVED

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



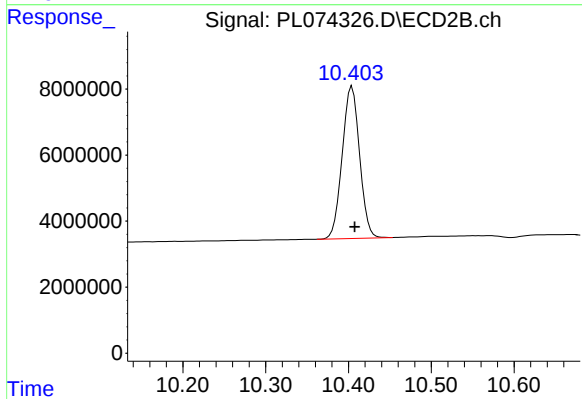
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 88408905
Conc: 51.08 ng/ml



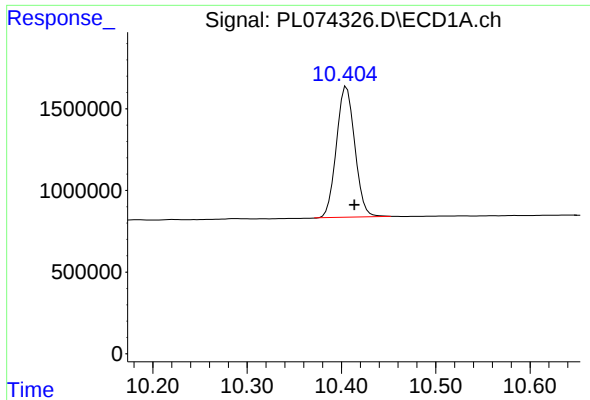
#22 Mirex

R.T.: 9.496 min
Delta R.T.: -0.007 min
Response: 22156735
Conc: 47.51 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.003 min
Response: 67255663
Conc: 48.83 ng/ml



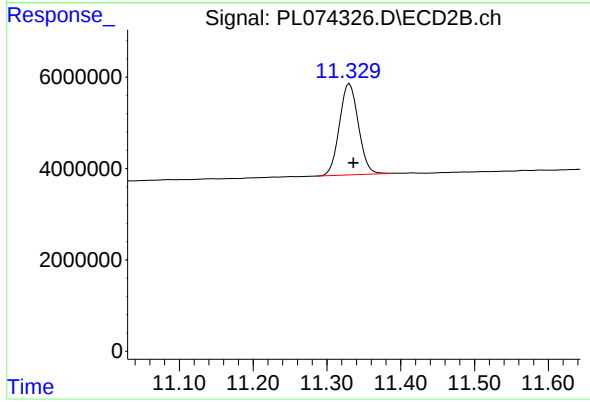
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 10853820
Conc: 20.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144336BS

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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 35567387
Conc: 20.14 ng/ml