

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070222\
 Data File : PL076221.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2022 13:50
 Operator : AR\AJ
 Sample : PB145979BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB145979BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/05/2022
 Supervised By : Ankita Jodhani 07/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 22:50:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 24 02:17:51 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...	5.640	4.630	14575662	35912052	19.272	18.935
28)	SA Decachlor...	11.633	10.370	14430369	34142147	22.932	22.230
Target Compounds							
2)	A alpha-BHC	6.224	5.332	60804509	148.3E6	61.557	60.671
3)	MA gamma-BHC...	6.623	5.752	56967107	137.5E6	61.535	59.478
4)	MA Heptachlor	7.277	6.159	55735275	134.1E6	60.758	59.122
5)	MB Aldrin	7.650	6.483	52294519	125.6E6	63.000	60.818
6)	B beta-BHC	6.875	6.132	25302626	57511483	57.773	55.134
7)	B delta-BHC	7.145	6.391	52434552	136.4E6	67.155	60.382
8)	B Heptachlo...	8.118	7.057	52836246	114.5E6	66.359	59.684
9)	A Endosulfan I	8.527	7.458	44250910	106.4E6	61.214	60.598
10)	B gamma-Chl...	8.389	7.333	47594304	116.8E6	61.233	60.739
11)	B alpha-Chl...	8.471	7.401	47719125	116.2E6	61.448	60.733
12)	B 4,4'-DDE	8.656	7.614	42203558	104.7E6	62.440	61.692
13)	MA Dieldrin	8.817	7.742	46790827	114.0E6	63.735	63.331m
14)	MA Endrin	9.058	8.034	39144357	101.1E6	62.782	66.541
15)	B Endosulfa...	9.292	8.343	40335790	94418107	63.575	62.467
16)	A 4,4'-DDD	9.198	8.198	35949309	85565654	63.399	61.691
17)	MA 4,4'-DDT	9.517	8.457	39249306	90269702	64.294	61.034
18)	B Endrin al...	9.426	8.531	33665836	76381686	65.177	63.982
19)	B Endosulfa...	9.665	8.761	40034673	93352672	62.448	60.846
20)	A Methoxychlor	10.003	9.049	18306902	50655915	53.371	59.485
21)	B Endrin ke...	10.167	9.277	47488687	121.5E6	65.885	73.539m
22)	Mirex	10.640	9.464	34798221	79544439	64.699	59.442

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

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 ALS Vial : 19 Sample Multiplier: 1

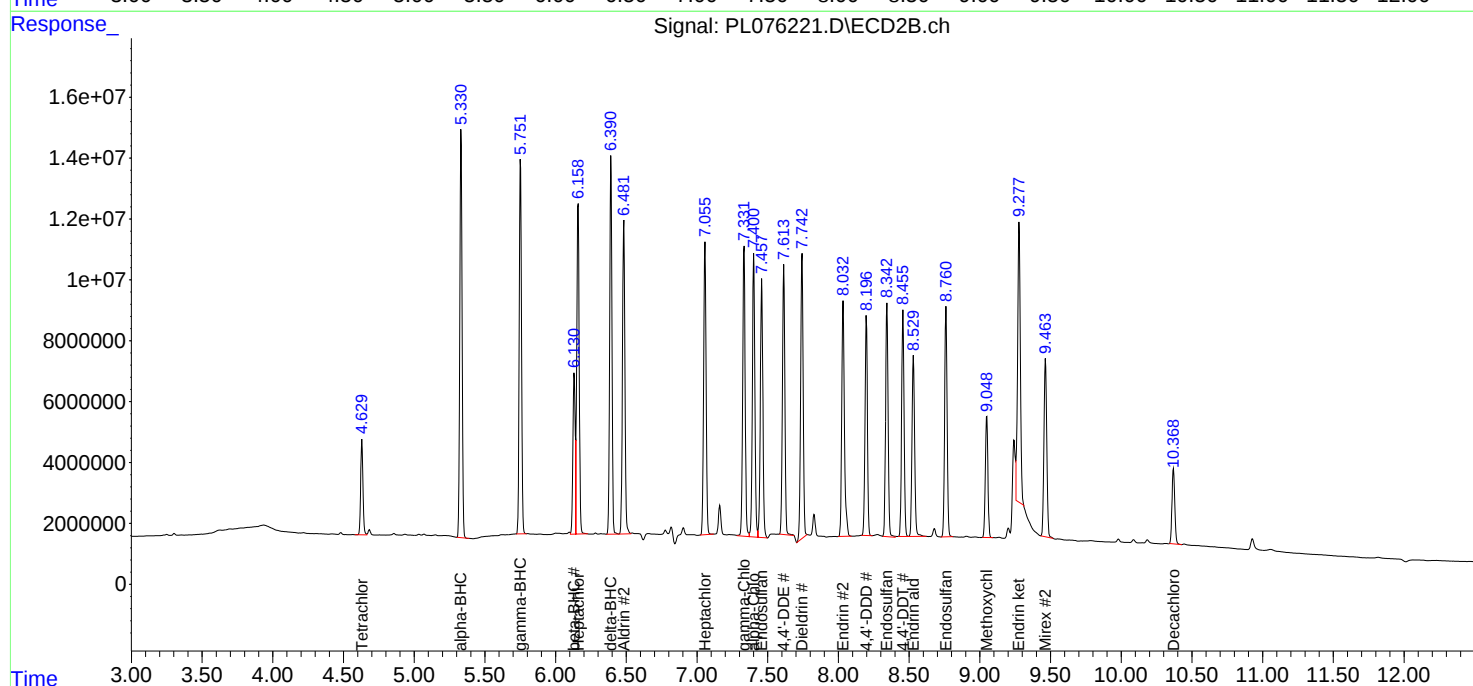
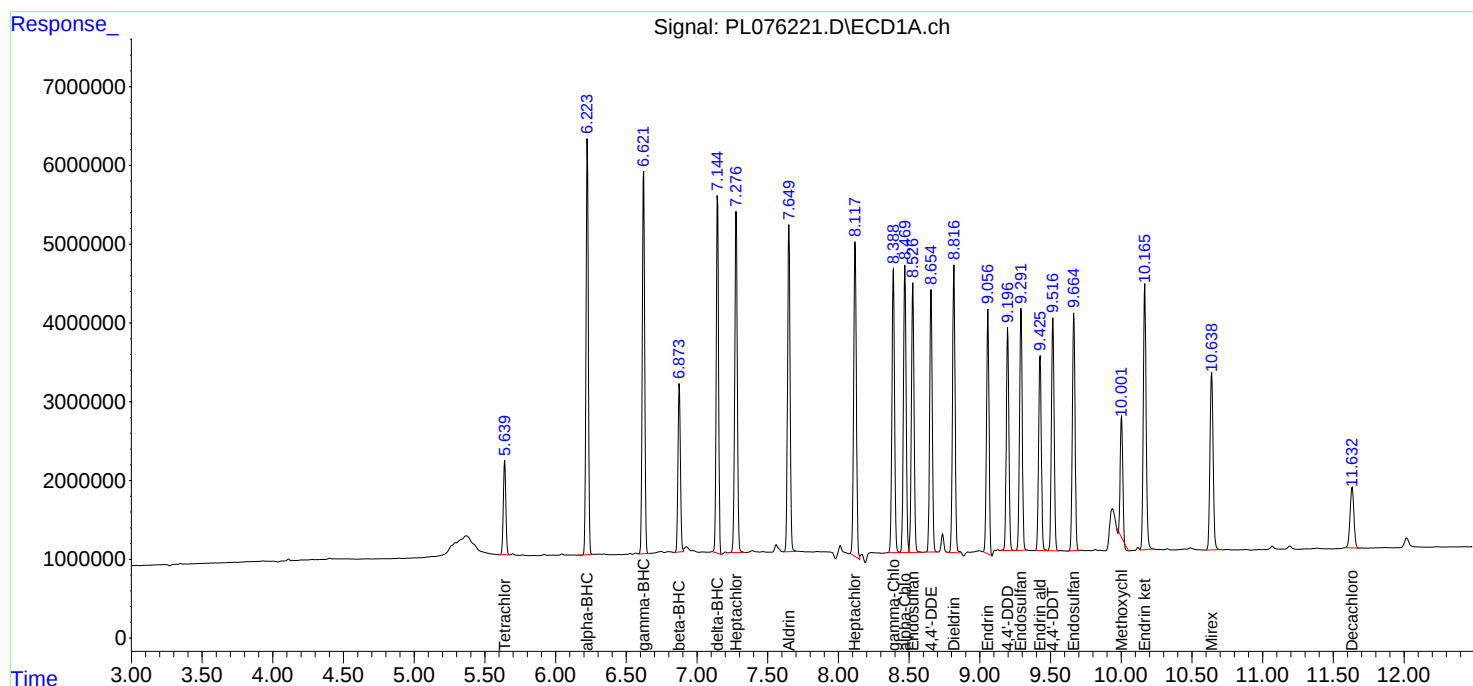
Instrument :
 ECD_L
 ClientSampleId :
 PB145979BSD

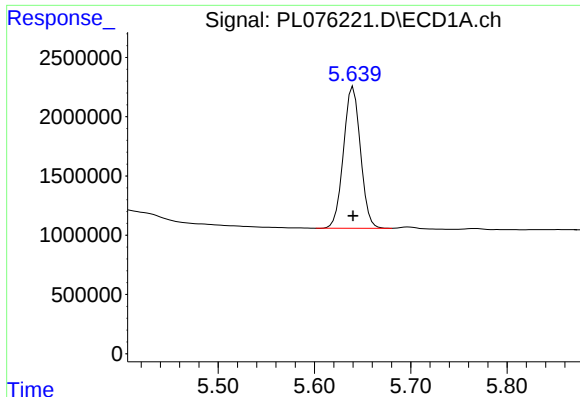
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 07/05/2022

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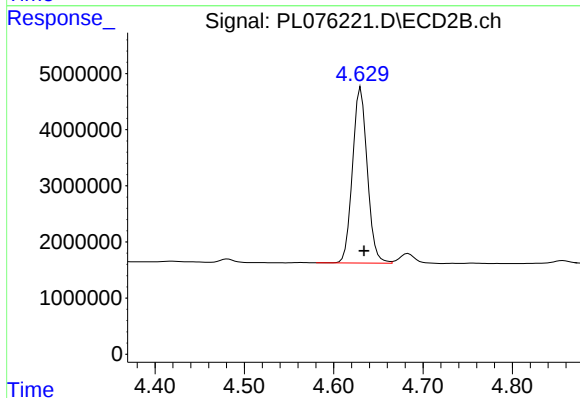
#1 Tetrachloro-m-xylene

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 14575662
Conc: 19.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145979BSD

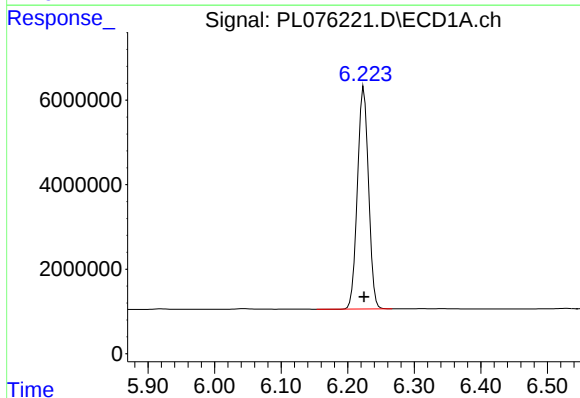
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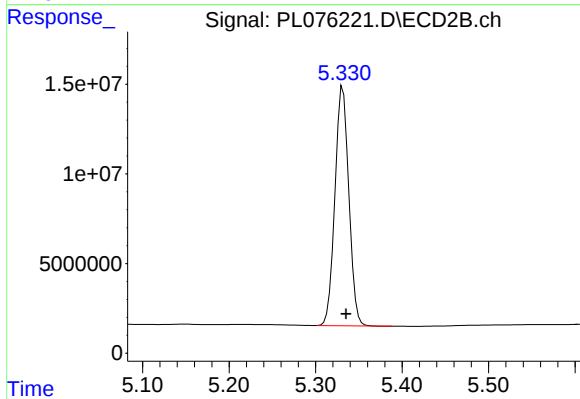
#1 Tetrachloro-m-xylene

R.T.: 4.630 min
Delta R.T.: -0.003 min
Response: 35912052
Conc: 18.93 ng/ml



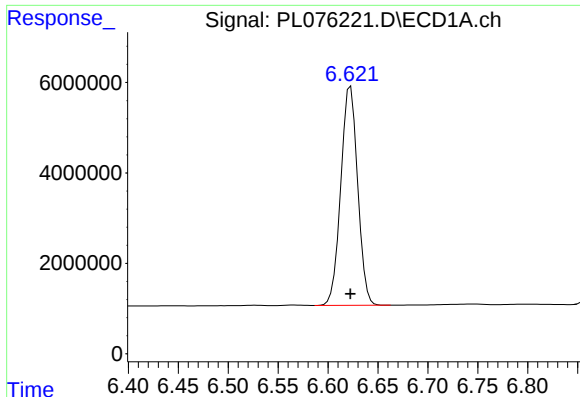
#2 alpha-BHC

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 60804509
Conc: 61.56 ng/ml



#2 alpha-BHC

R.T.: 5.332 min
Delta R.T.: -0.004 min
Response: 148294187
Conc: 60.67 ng/ml



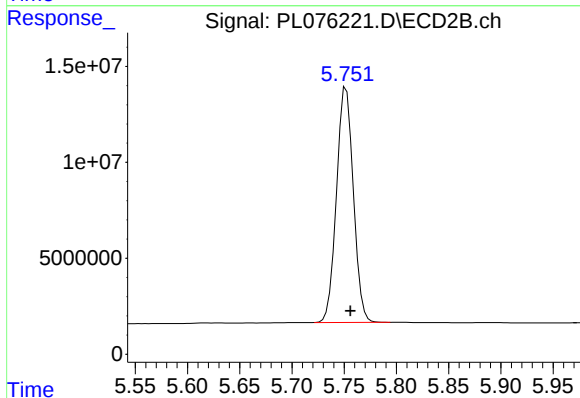
#3 gamma-BHC (Lindane)

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 56967107
Conc: 61.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145979BSD

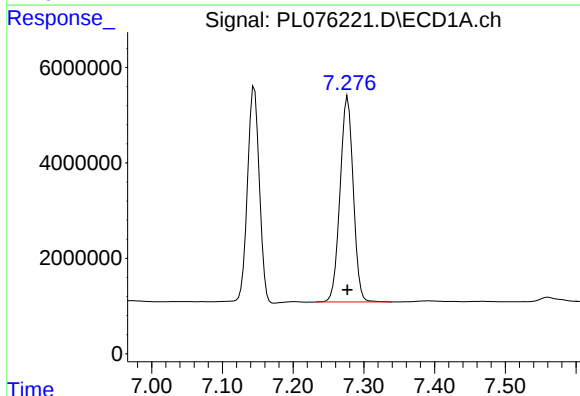
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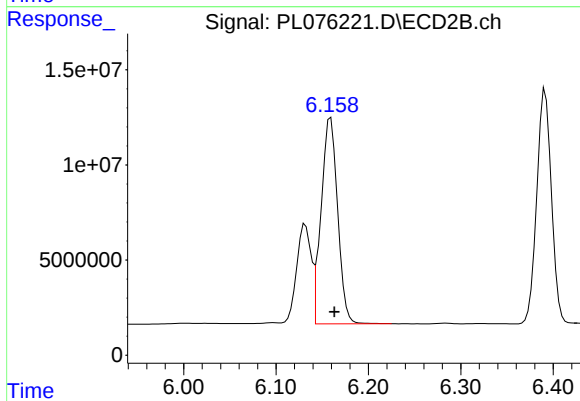
#3 gamma-BHC (Lindane)

R.T.: 5.752 min
Delta R.T.: -0.004 min
Response: 137504938
Conc: 59.48 ng/ml



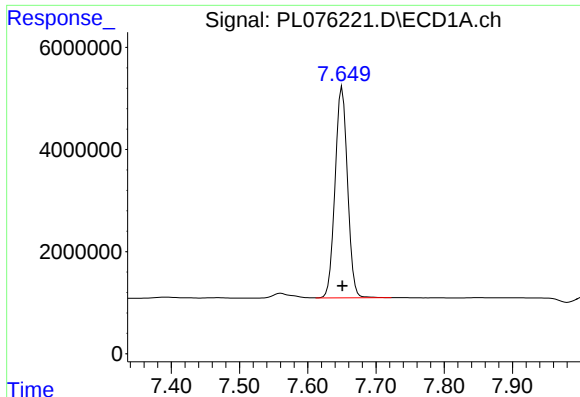
#4 Heptachlor

R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 55735275
Conc: 60.76 ng/ml



#4 Heptachlor

R.T.: 6.159 min
Delta R.T.: -0.004 min
Response: 134131203
Conc: 59.12 ng/ml



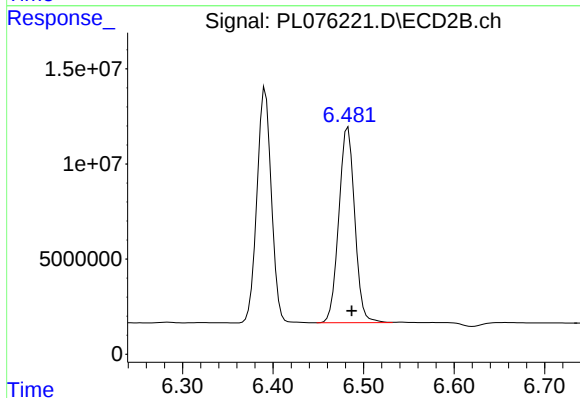
#5 Aldrin

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 52294519
Conc: 63.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145979BSD

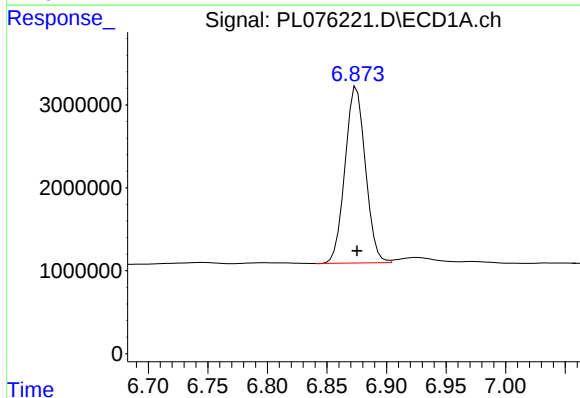
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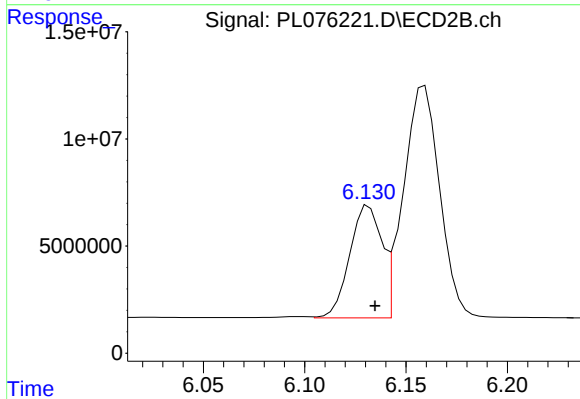
#5 Aldrin

R.T.: 6.483 min
Delta R.T.: -0.004 min
Response: 125563968
Conc: 60.82 ng/ml



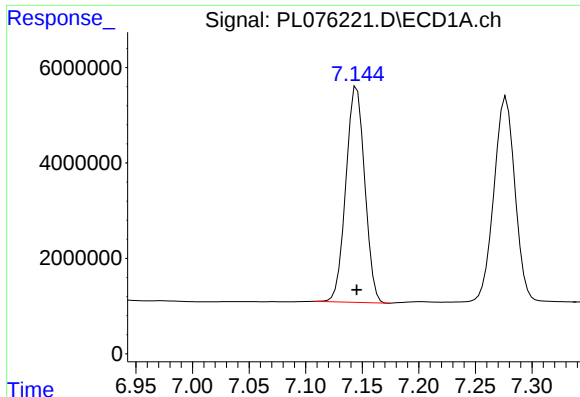
#6 beta-BHC

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 25302626
Conc: 57.77 ng/ml



#6 beta-BHC

R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 57511483
Conc: 55.13 ng/ml



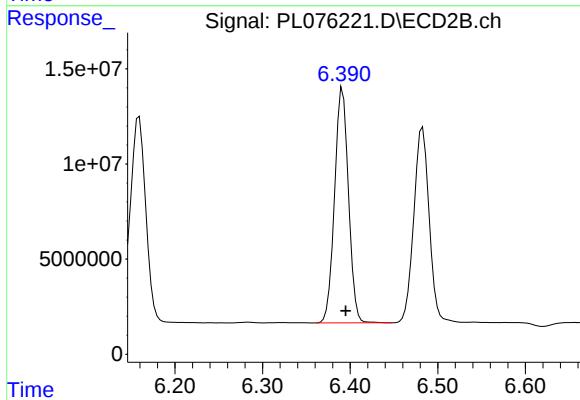
#7 delta-BHC

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 52434552
Conc: 67.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145979BSD

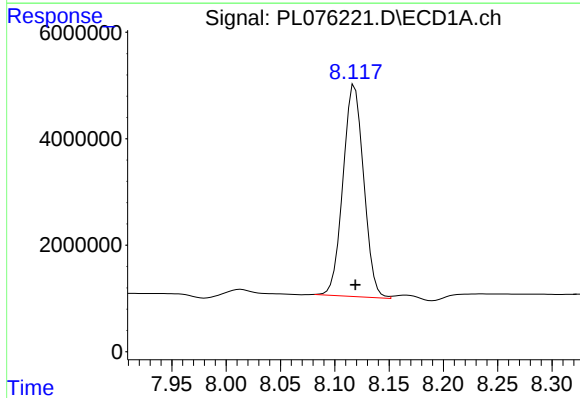
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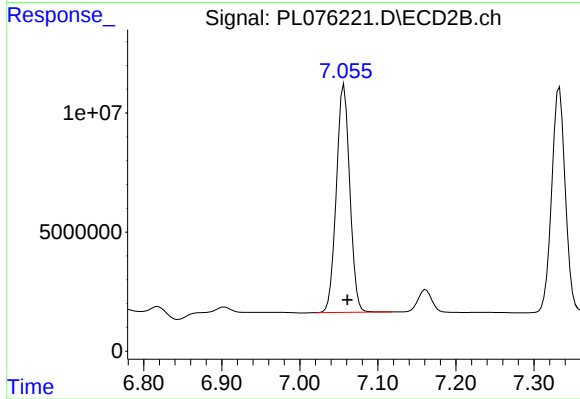
#7 delta-BHC

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 136396558
Conc: 60.38 ng/ml



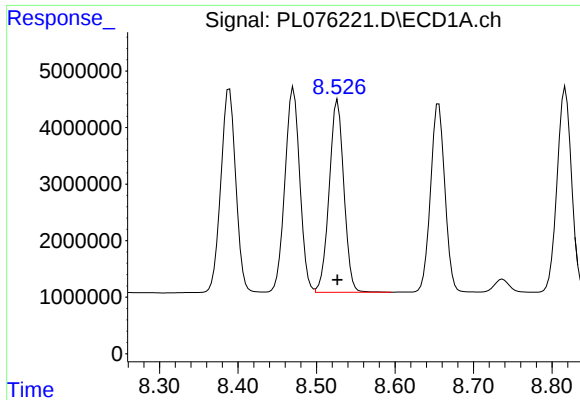
#8 Heptachlor epoxide

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 52836246
Conc: 66.36 ng/ml



#8 Heptachlor epoxide

R.T.: 7.057 min
Delta R.T.: -0.004 min
Response: 114498219
Conc: 59.68 ng/ml



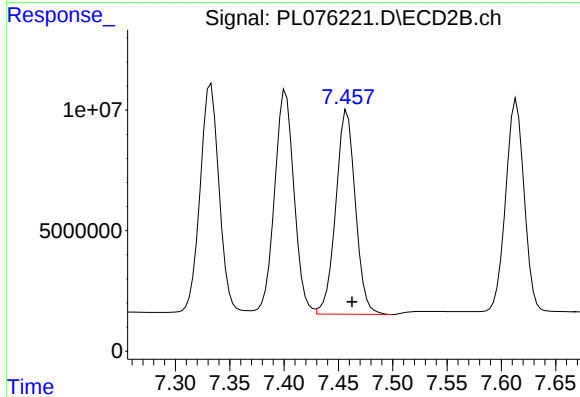
#9 Endosulfan I

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 44250910
Conc: 61.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145979BSD

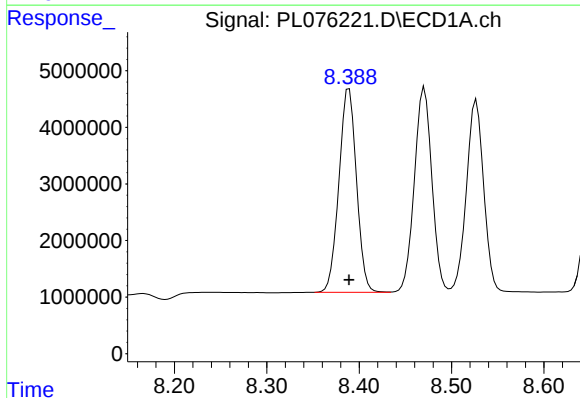
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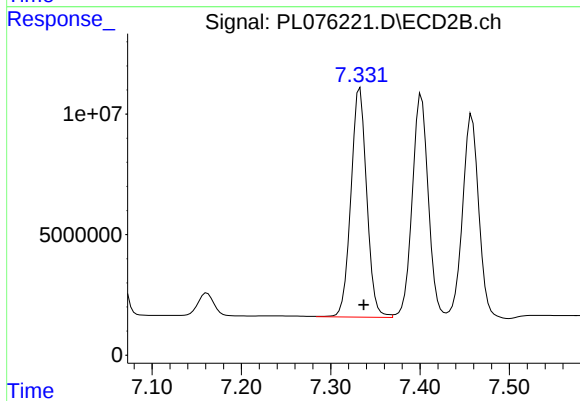
#9 Endosulfan I

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 106399086
Conc: 60.60 ng/ml



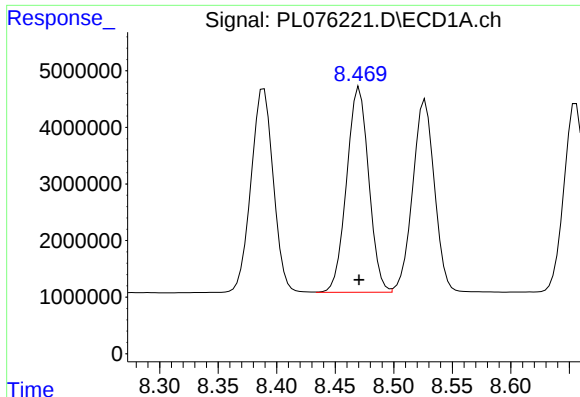
#10 gamma-Chlordane

R.T.: 8.389 min
Delta R.T.: 0.000 min
Response: 47594304
Conc: 61.23 ng/ml



#10 gamma-Chlordane

R.T.: 7.333 min
Delta R.T.: -0.004 min
Response: 116756277
Conc: 60.74 ng/ml



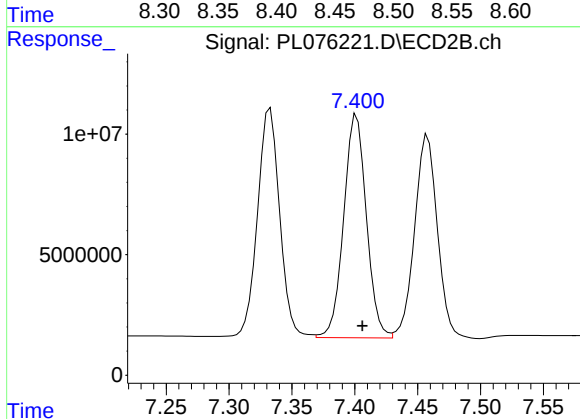
#11 alpha-Chlordane

R.T.: 8.471 min
Delta R.T.: 0.000 min
Response: 47719125
Conc: 61.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145979BSD

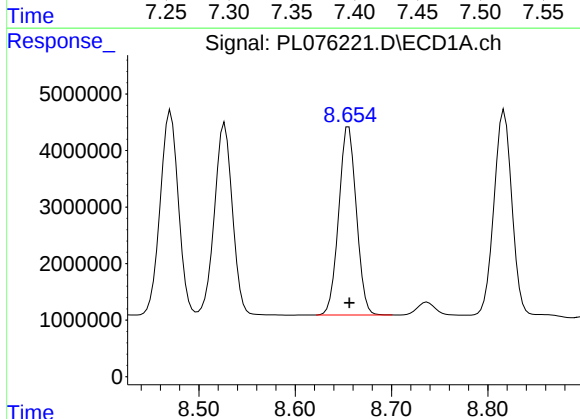
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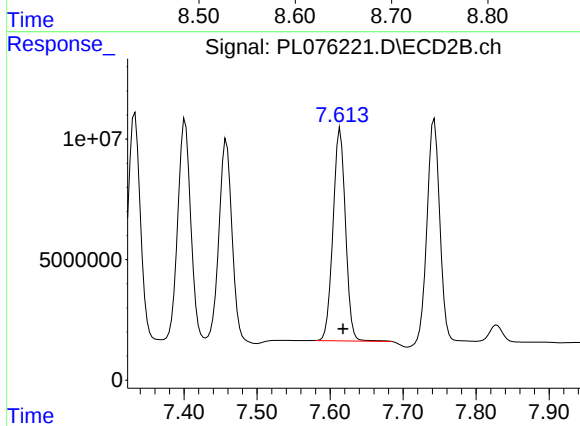
#11 alpha-Chlordane

R.T.: 7.401 min
Delta R.T.: -0.005 min
Response: 116241614
Conc: 60.73 ng/ml



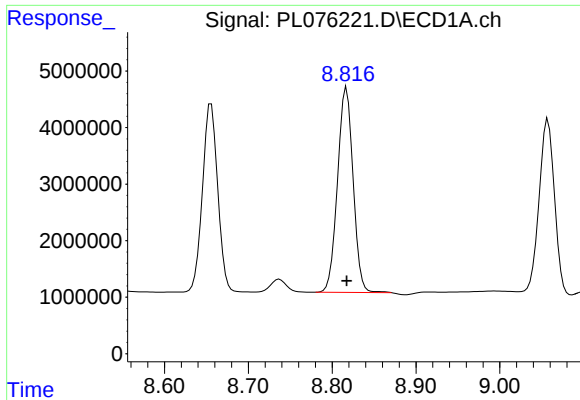
#12 4,4'-DDE

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 42203558
Conc: 62.44 ng/ml



#12 4,4'-DDE

R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 104711794
Conc: 61.69 ng/ml



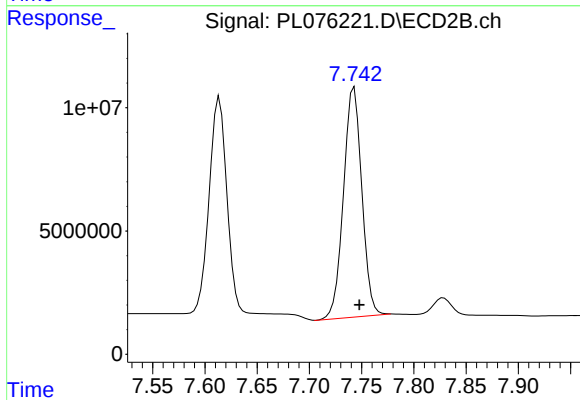
#13 Dieldrin

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 46790827
Conc: 63.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145979BSD

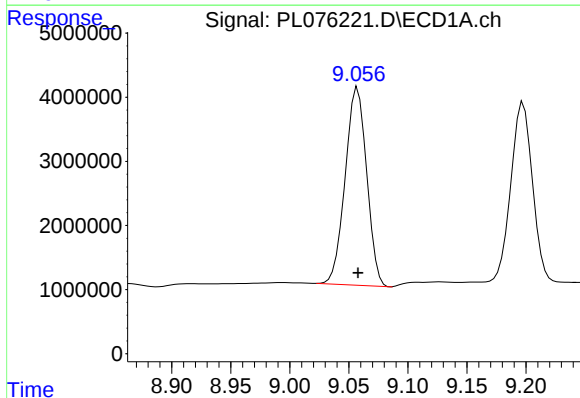
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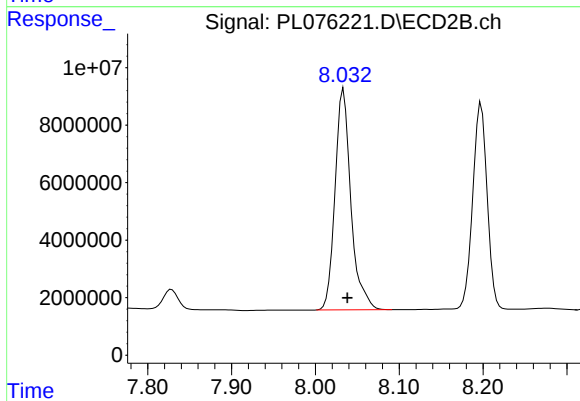
#13 Dieldrin

R.T.: 7.742 min
Delta R.T.: -0.006 min
Response: 113961904
Conc: 63.33 ng/ml m



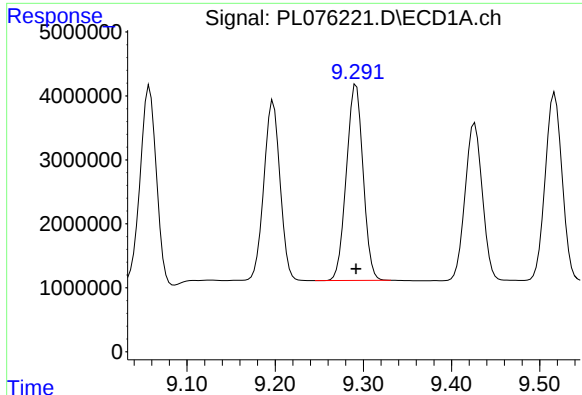
#14 Endrin

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 39144357
Conc: 62.78 ng/ml



#14 Endrin

R.T.: 8.034 min
Delta R.T.: -0.005 min
Response: 101121510
Conc: 66.54 ng/ml



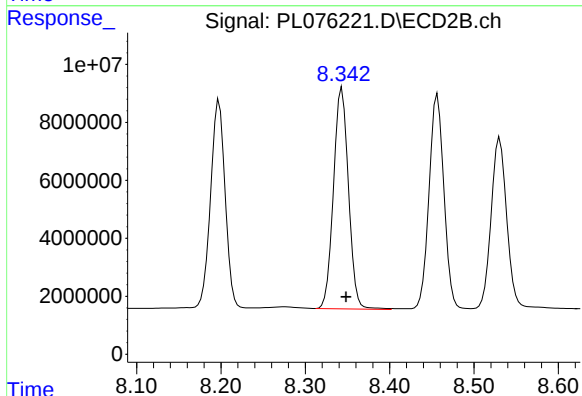
#15 Endosulfan II

R.T.: 9.292 min
Delta R.T.: 0.000 min
Response: 40335790
Conc: 63.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
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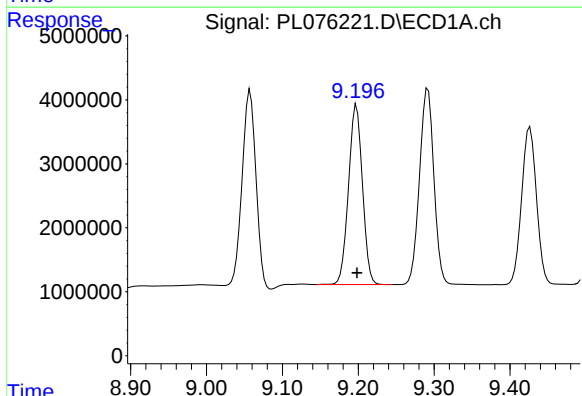
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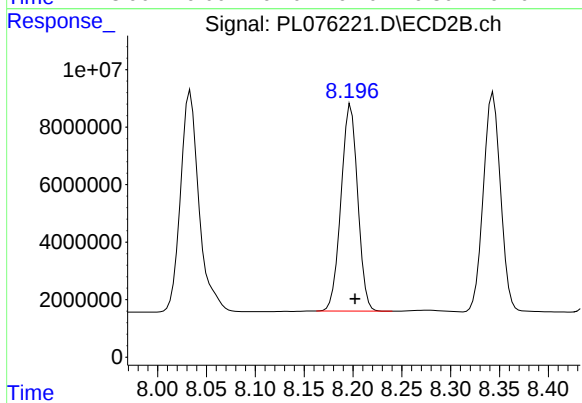
#15 Endosulfan II

R.T.: 8.343 min
Delta R.T.: -0.005 min
Response: 94418107
Conc: 62.47 ng/ml



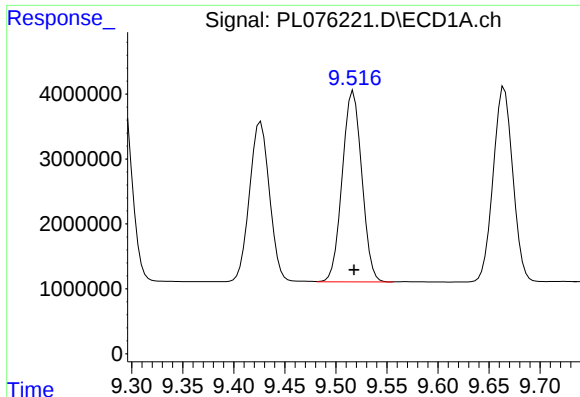
#16 4,4'-DDD

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 35949309
Conc: 63.40 ng/ml



#16 4,4'-DDD

R.T.: 8.198 min
Delta R.T.: -0.004 min
Response: 85565654
Conc: 61.69 ng/ml



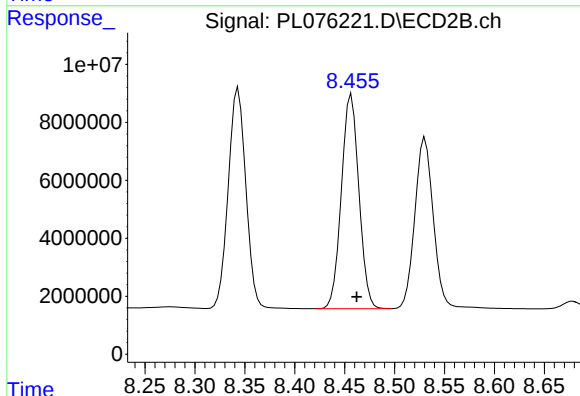
#17 4,4'-DDT

R.T.: 9.517 min
Delta R.T.: 0.000 min
Response: 39249306
Conc: 64.29 ng/ml

Instrument :
ECD_L
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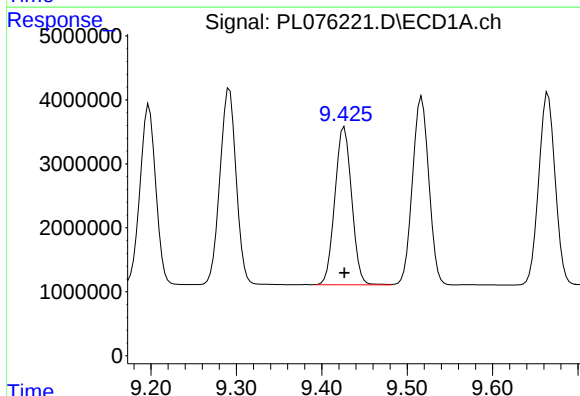
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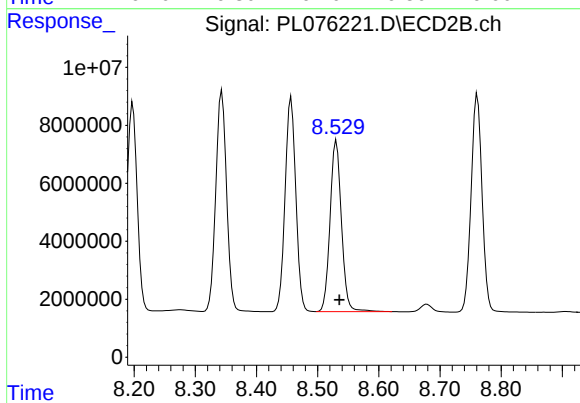
#17 4,4'-DDT

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 90269702
Conc: 61.03 ng/ml



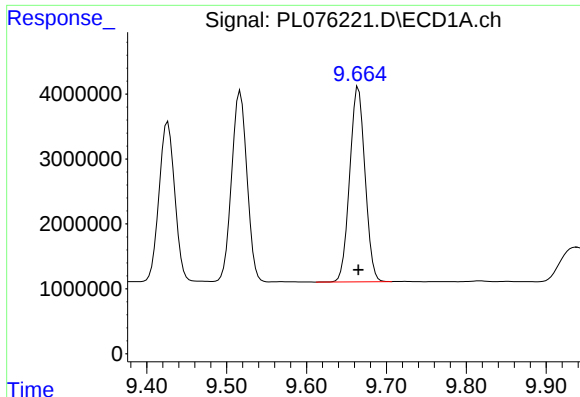
#18 Endrin aldehyde

R.T.: 9.426 min
Delta R.T.: 0.000 min
Response: 33665836
Conc: 65.18 ng/ml



#18 Endrin aldehyde

R.T.: 8.531 min
Delta R.T.: -0.005 min
Response: 76381686
Conc: 63.98 ng/ml



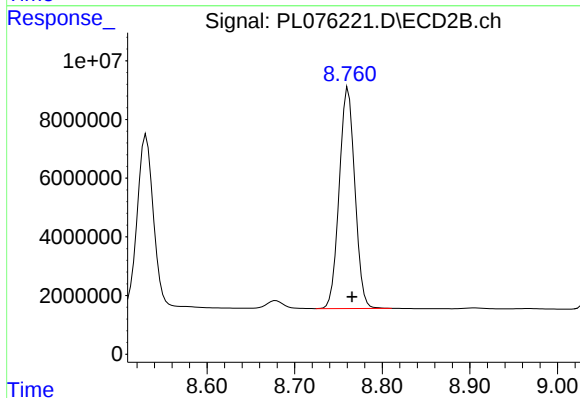
#19 Endosulfan Sulfate

R.T.: 9.665 min
Delta R.T.: 0.000 min
Response: 40034673
Conc: 62.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145979BSD

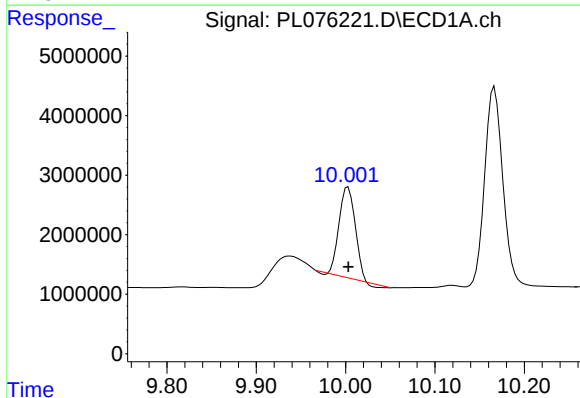
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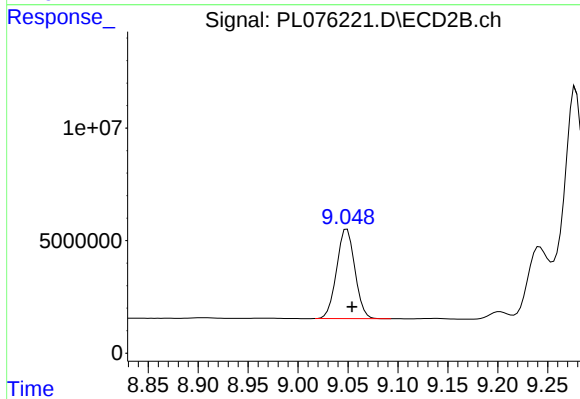
#19 Endosulfan Sulfate

R.T.: 8.761 min
Delta R.T.: -0.005 min
Response: 93352672
Conc: 60.85 ng/ml



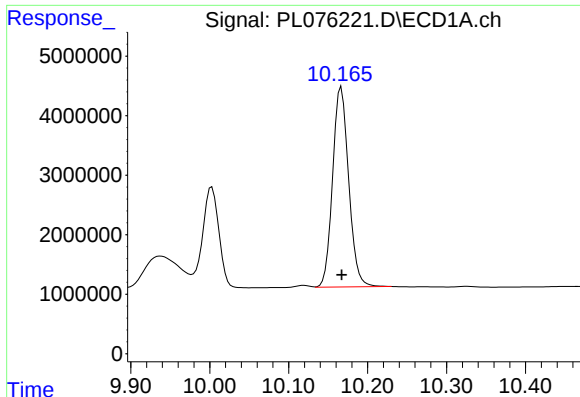
#20 Methoxychlor

R.T.: 10.003 min
Delta R.T.: 0.000 min
Response: 18306902
Conc: 53.37 ng/ml



#20 Methoxychlor

R.T.: 9.049 min
Delta R.T.: -0.005 min
Response: 50655915
Conc: 59.48 ng/ml



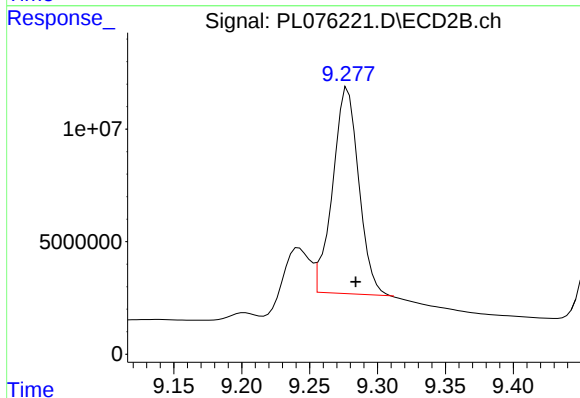
#21 Endrin ketone

R.T.: 10.167 min
Delta R.T.: 0.000 min
Response: 47488687
Conc: 65.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145979BSD

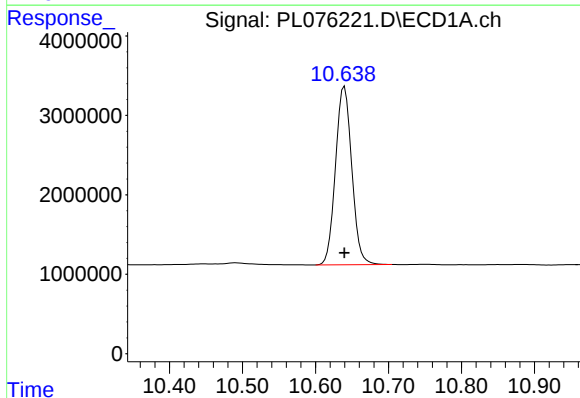
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/05/2022
Supervised By :Ankita Jodhani 07/05/2022



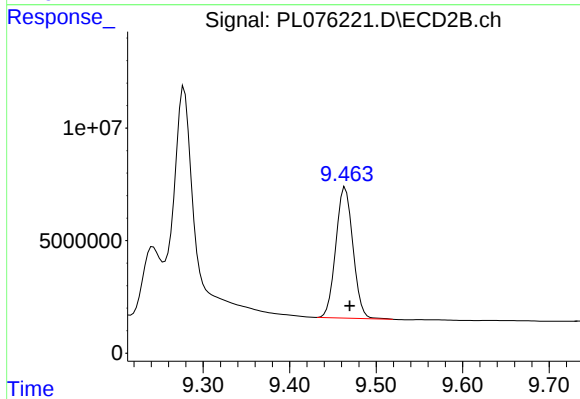
#21 Endrin ketone

R.T.: 9.277 min
Delta R.T.: -0.007 min
Response: 121495852
Conc: 73.54 ng/ml m



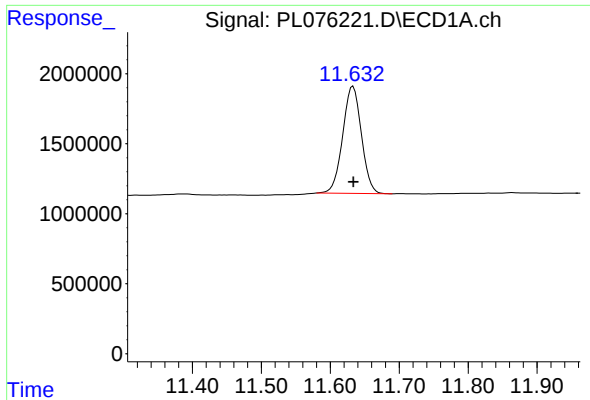
#22 Mirex

R.T.: 10.640 min
Delta R.T.: 0.000 min
Response: 34798221
Conc: 64.70 ng/ml



#22 Mirex

R.T.: 9.464 min
Delta R.T.: -0.005 min
Response: 79544439
Conc: 59.44 ng/ml



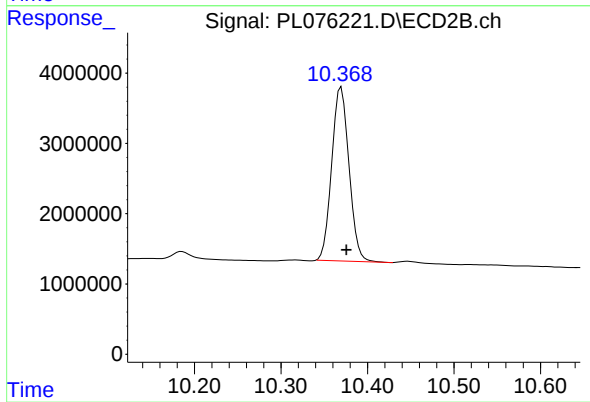
#28 Decachlorobiphenyl

R.T.: 11.633 min
Delta R.T.: 0.000 min
Response: 14430369
Conc: 22.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145979BSD

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#28 Decachlorobiphenyl

R.T.: 10.370 min
Delta R.T.: -0.006 min
Response: 34142147
Conc: 22.23 ng/ml