

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070222\
 Data File : PL076212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2022 10:15
 Operator : AR\AJ
 Sample : PB145757BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB145757BS

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 04 00:33:42 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	11442772	27703710	15.130	14.607
28)	SA Decachlor...	11.633	10.369	11007605	26793956	17.493	17.445
Target Compounds							
2)	A alpha-BHC	6.225	5.331	45733974	112.5E6	46.300	46.042
3)	MA gamma-BHC...	6.623	5.751	43071531	104.6E6	46.525	45.246
4)	MA Heptachlor	7.277	6.158	42773366	103.4E6	46.628	45.557
5)	MB Aldrin	7.650	6.482	40184545	95329288	48.411	46.174
6)	B beta-BHC	6.875	6.131	19813352	44911429	45.239	43.055
7)	B delta-BHC	7.145	6.391	38815440	102.4E6	49.712	45.331
8)	B Heptachlo...	8.119	7.056	51086032	87404816	64.161	45.561 #
9)	A Endosulfan I	8.526	7.458	34132534	76279969	47.217	43.444
10)	B gamma-Chl...	8.389	7.332	36683952	88100902	47.196	45.832
11)	B alpha-Chl...	8.471	7.401	36767106	87092669	47.345	45.503
12)	B 4,4'-DDE	8.656	7.613	31102642	79709116	46.017	46.961
13)	MA Dieldrin	8.817	7.741	35386233	88517033	48.200	49.191m
14)	MA Endrin	9.058	8.033	29877848	74511161	47.920	49.031
15)	B Endosulfa...	9.292	8.343	31043614	71316291	48.929	47.183
16)	A 4,4'-DDD	9.198	8.197	27214661	64275852	47.995	46.341
17)	MA 4,4'-DDT	9.518	8.457	30300135	68897912	49.634	46.584
18)	B Endrin al...	9.427	8.530	25812904	57660295	49.974	48.300
19)	B Endosulfa...	9.665	8.761	30911013	71828007	48.217	46.817
20)	A Methoxychlor	9.999	9.049	37966524	39515873	110.687m	46.403 #
21)	B Endrin ke...	10.167	9.275	36792115	182.8E6	51.045	110.662m#
22)	Mirex	10.640	9.463	30495060	57684431	56.698	43.107

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

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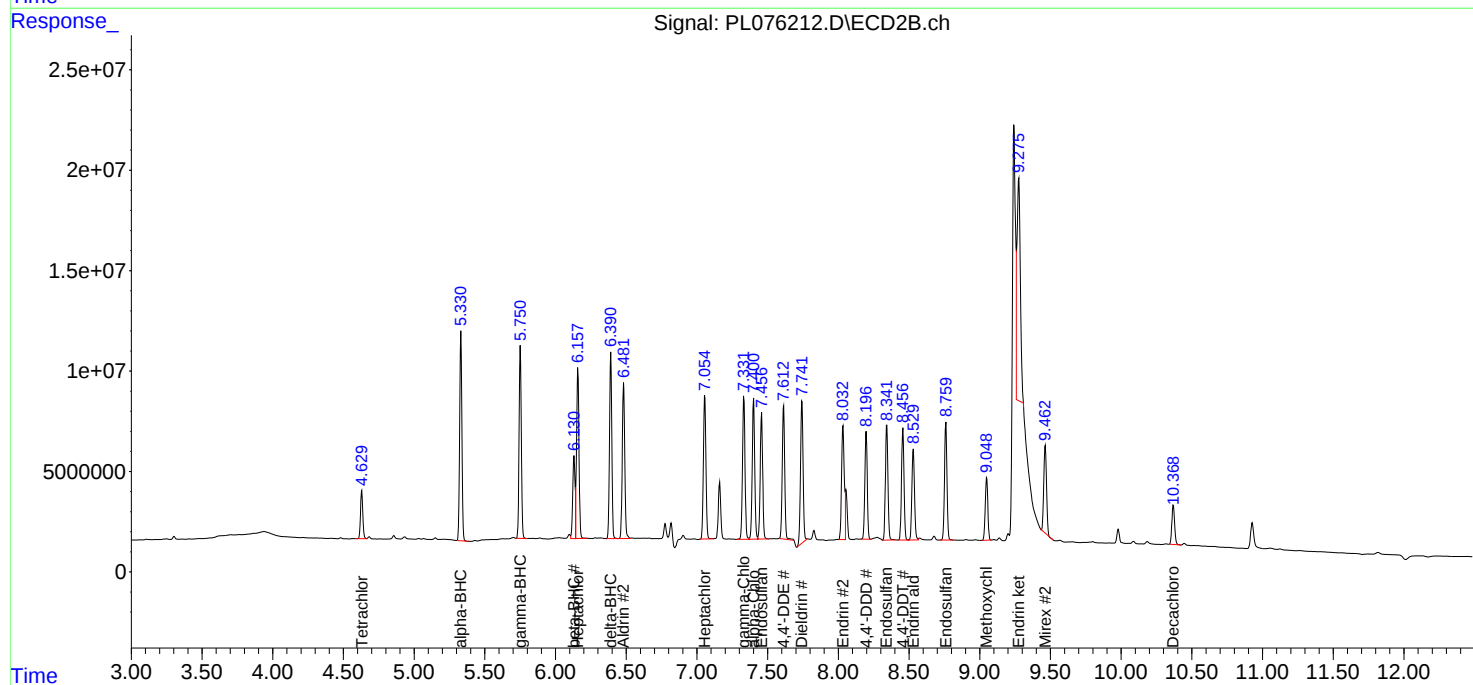
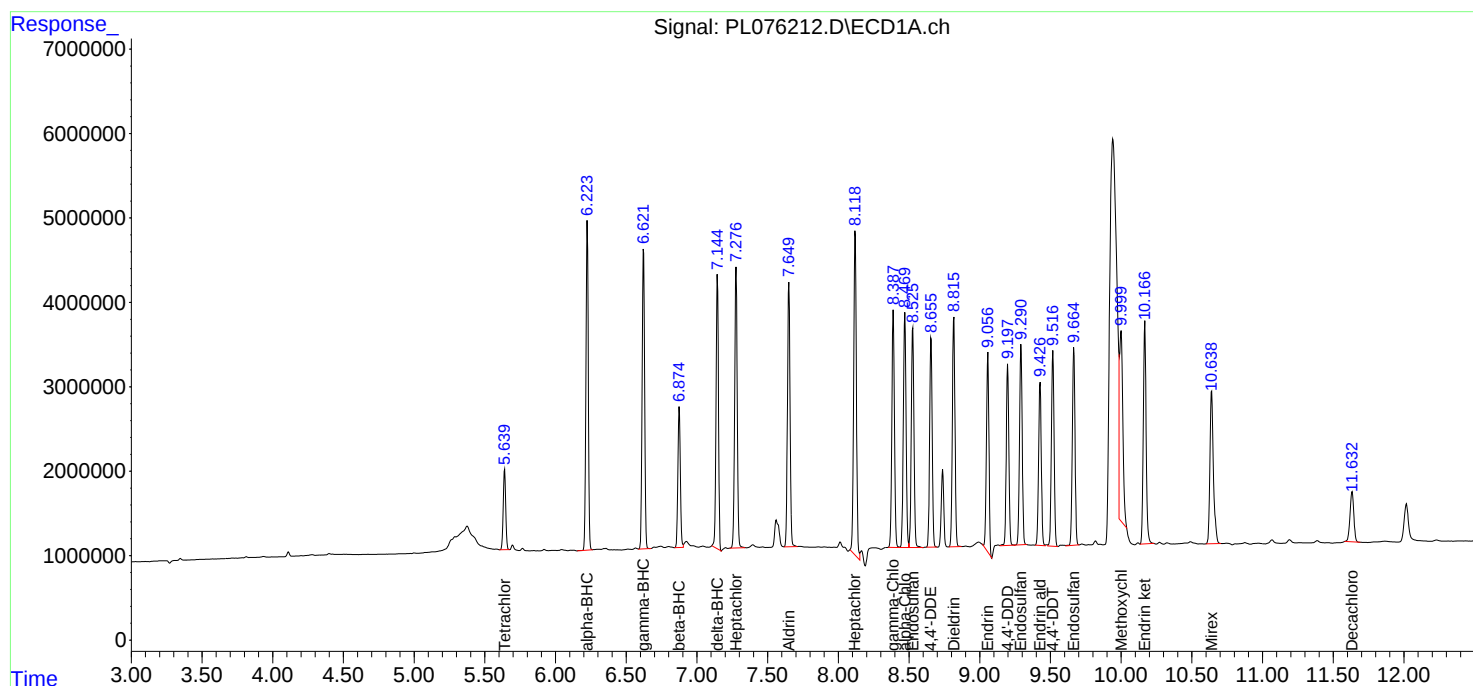
Manual Integrations

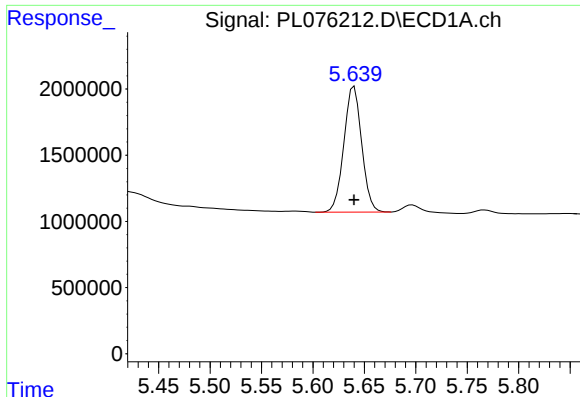
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Integration File signal 1: autoint1.e
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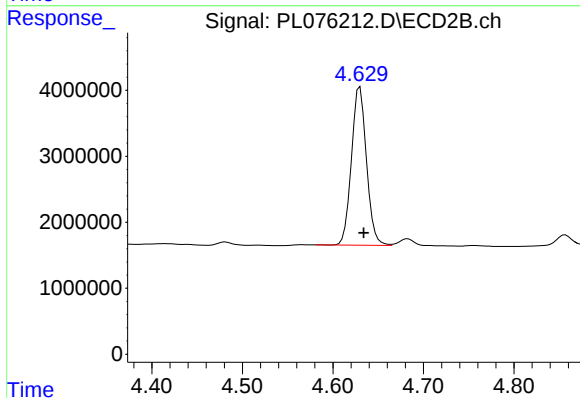
#1 Tetrachloro-m-xylene

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 11442772
Conc: 15.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145757BS

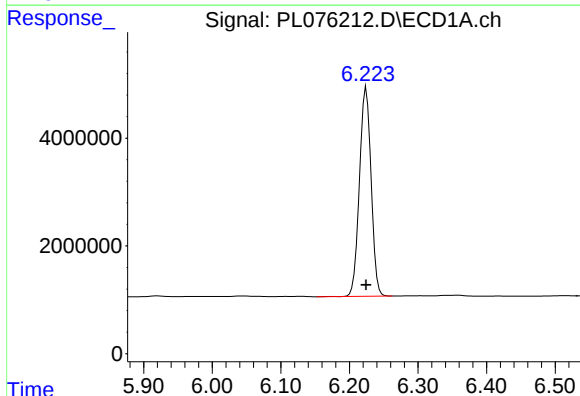
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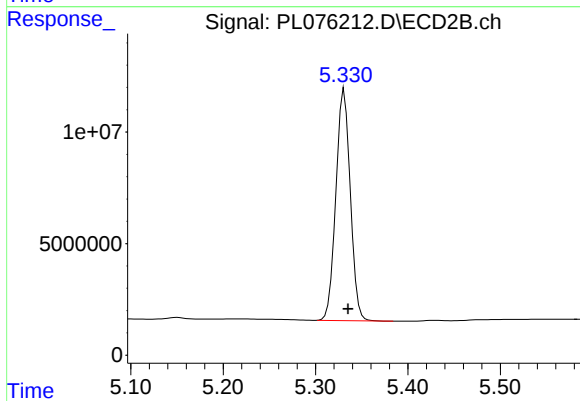
#1 Tetrachloro-m-xylene

R.T.: 4.630 min
Delta R.T.: -0.004 min
Response: 27703710
Conc: 14.61 ng/ml



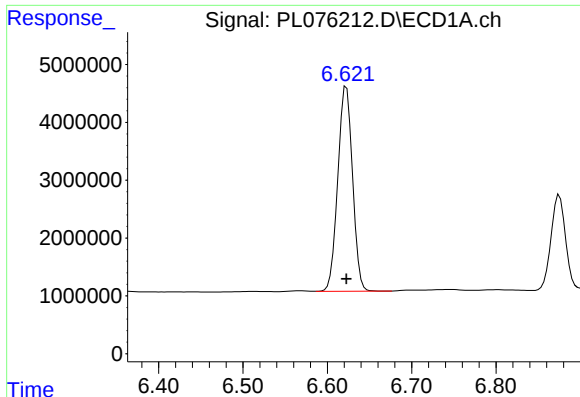
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 45733974
Conc: 46.30 ng/ml



#2 alpha-BHC

R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 112536902
Conc: 46.04 ng/ml



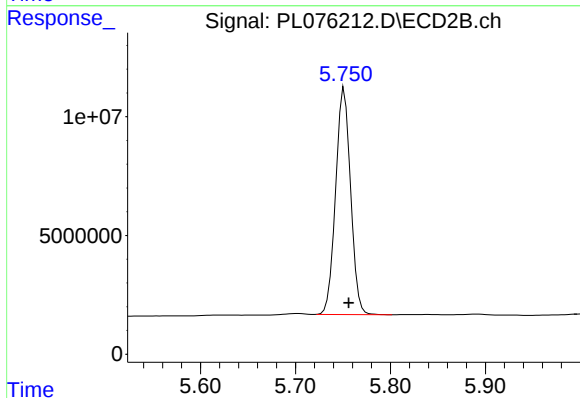
#3 gamma-BHC (Lindane)

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 43071531
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145757BS

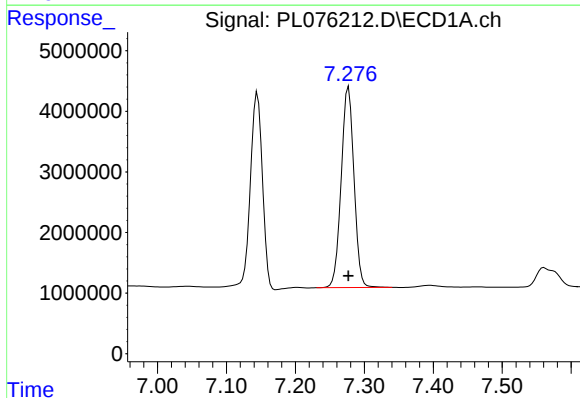
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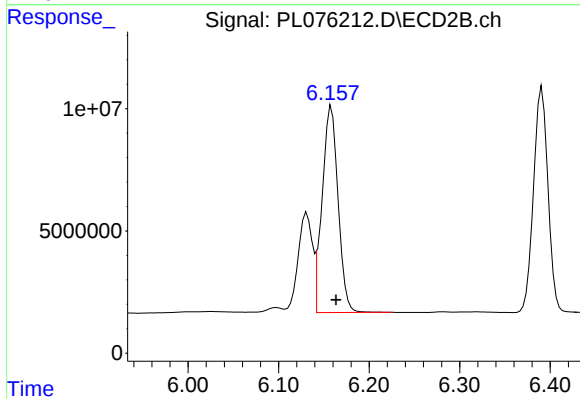
#3 gamma-BHC (Lindane)

R.T.: 5.751 min
Delta R.T.: -0.005 min
Response: 104601941
Conc: 45.25 ng/ml



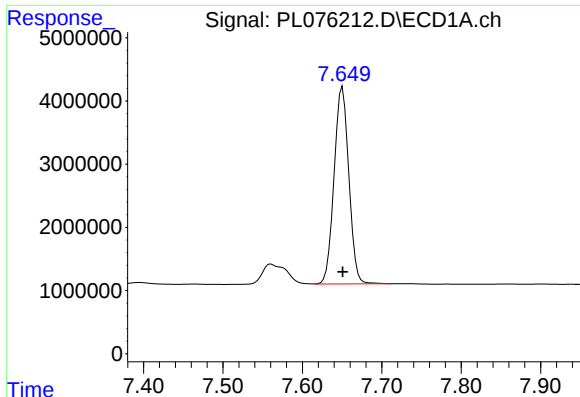
#4 Heptachlor

R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 42773366
Conc: 46.63 ng/ml



#4 Heptachlor

R.T.: 6.158 min
Delta R.T.: -0.005 min
Response: 103355758
Conc: 45.56 ng/ml



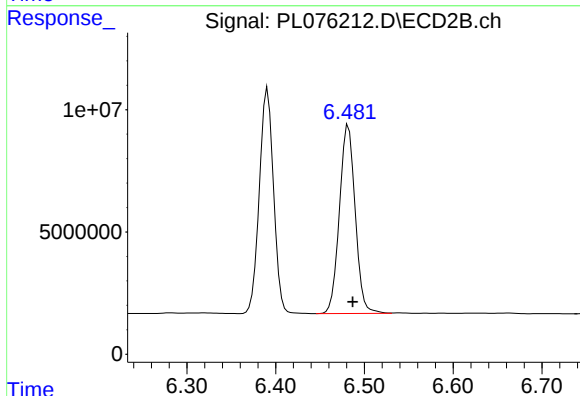
#5 Aldrin

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 40184545
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145757BS

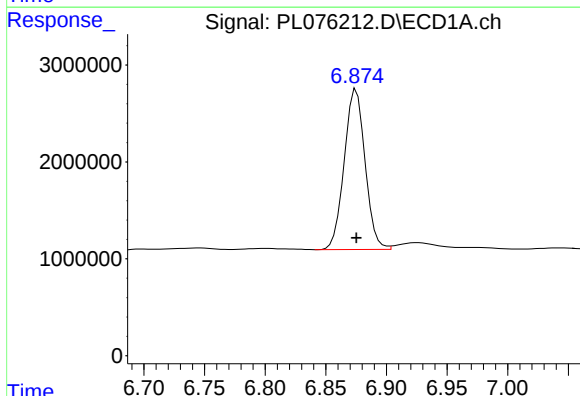
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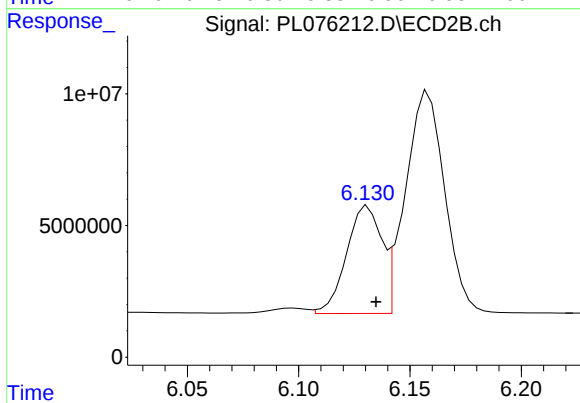
#5 Aldrin

R.T.: 6.482 min
Delta R.T.: -0.005 min
Response: 95329288
Conc: 46.17 ng/ml



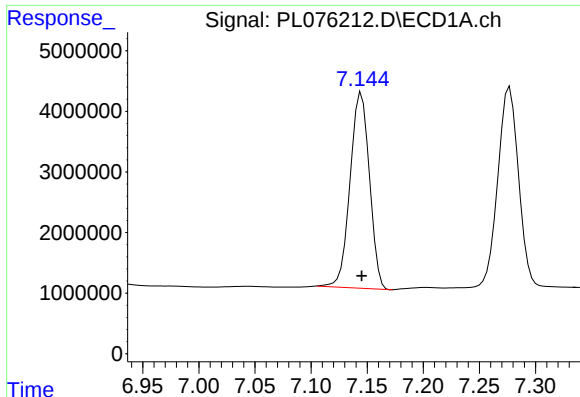
#6 beta-BHC

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 19813352
Conc: 45.24 ng/ml



#6 beta-BHC

R.T.: 6.131 min
Delta R.T.: -0.004 min
Response: 44911429
Conc: 43.05 ng/ml



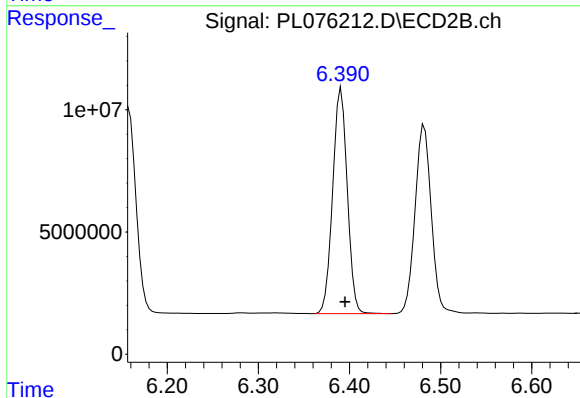
#7 delta-BHC

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 38815440
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145757BS

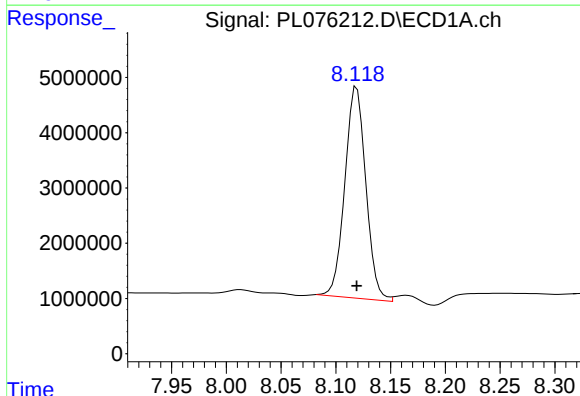
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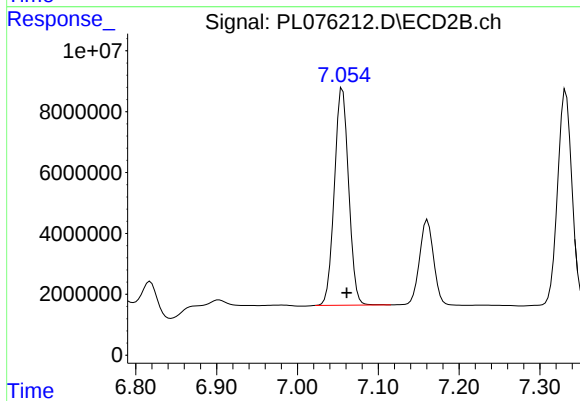
#7 delta-BHC

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 102398242
Conc: 45.33 ng/ml



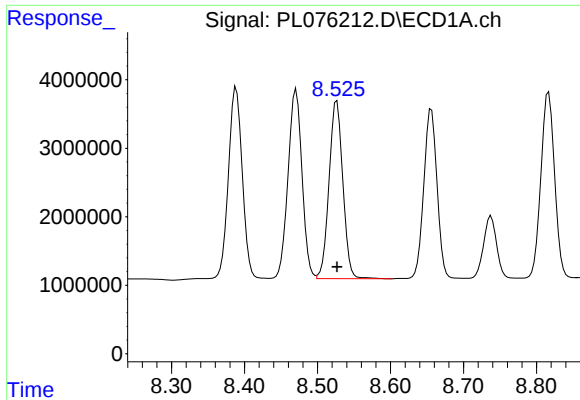
#8 Heptachlor epoxide

R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 51086032
Conc: 64.16 ng/ml



#8 Heptachlor epoxide

R.T.: 7.056 min
Delta R.T.: -0.005 min
Response: 87404816
Conc: 45.56 ng/ml



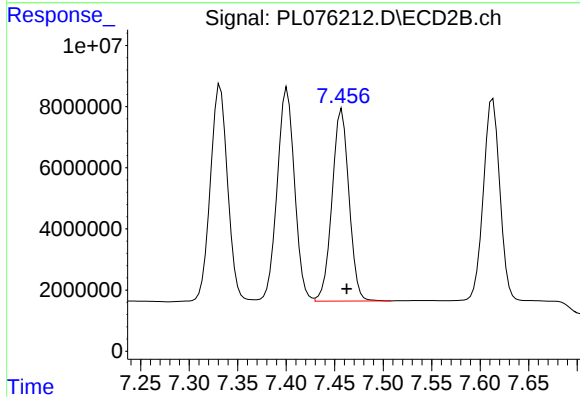
#9 Endosulfan I

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 34132534
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145757BS

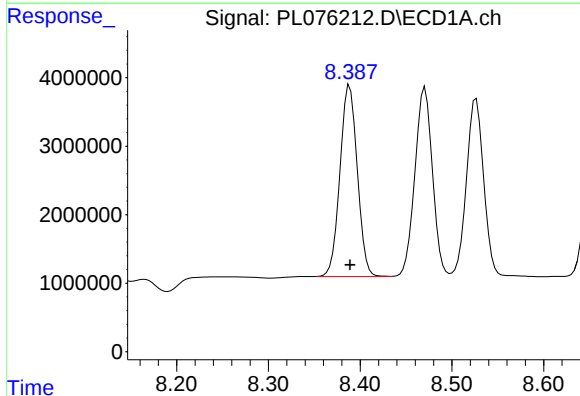
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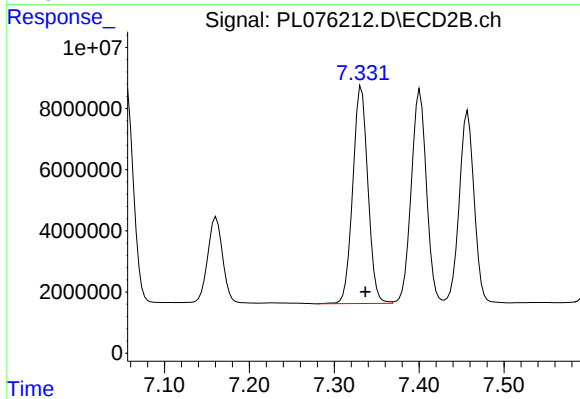
#9 Endosulfan I

R.T.: 7.458 min
Delta R.T.: -0.005 min
Response: 76279969
Conc: 43.44 ng/ml



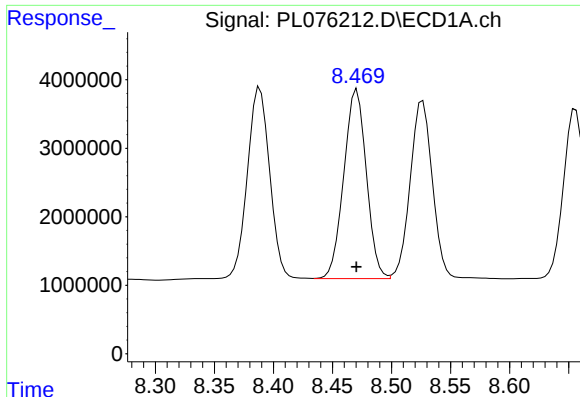
#10 gamma-Chlordane

R.T.: 8.389 min
Delta R.T.: 0.000 min
Response: 36683952
Conc: 47.20 ng/ml



#10 gamma-Chlordane

R.T.: 7.332 min
Delta R.T.: -0.005 min
Response: 88100902
Conc: 45.83 ng/ml



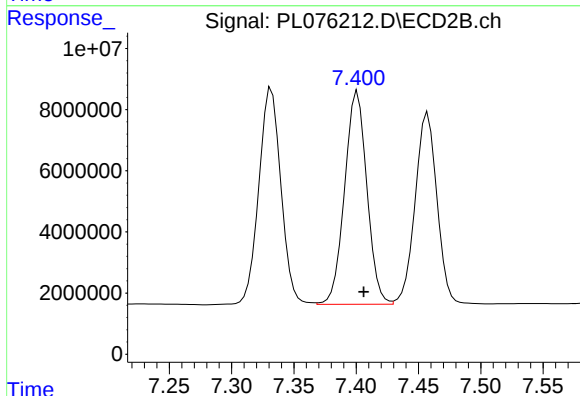
#11 alpha-Chlordane

R.T.: 8.471 min
Delta R.T.: 0.000 min
Response: 36767106
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145757BS

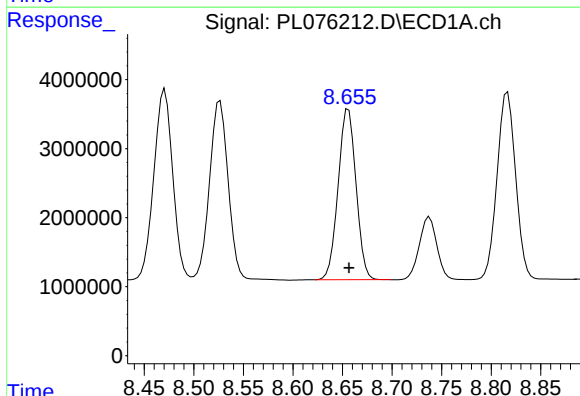
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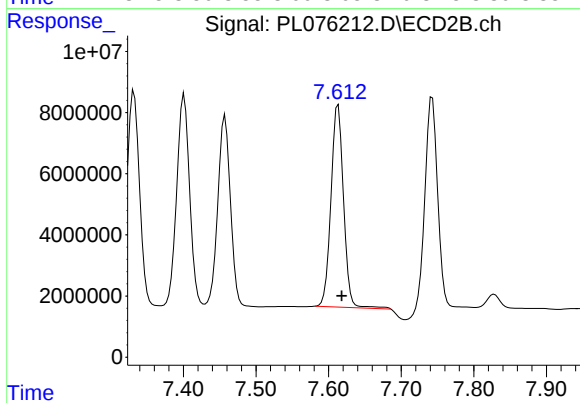
#11 alpha-Chlordane

R.T.: 7.401 min
Delta R.T.: -0.005 min
Response: 87092669
Conc: 45.50 ng/ml



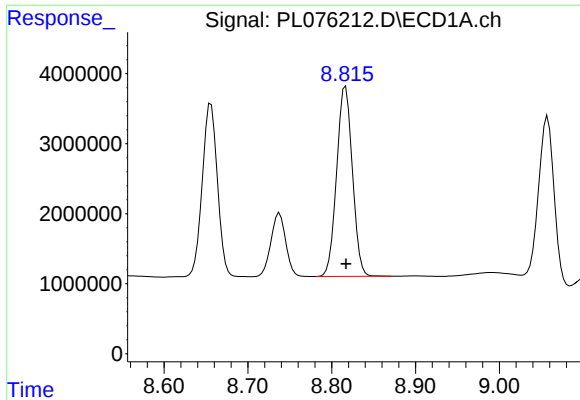
#12 4,4'-DDE

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 31102642
Conc: 46.02 ng/ml



#12 4,4'-DDE

R.T.: 7.613 min
Delta R.T.: -0.005 min
Response: 79709116
Conc: 46.96 ng/ml



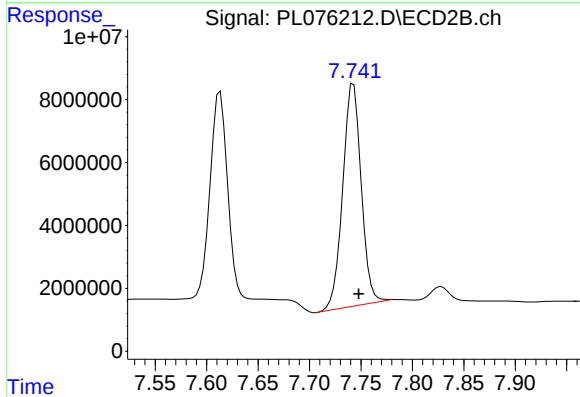
#13 Dieldrin

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 35386233
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145757BS

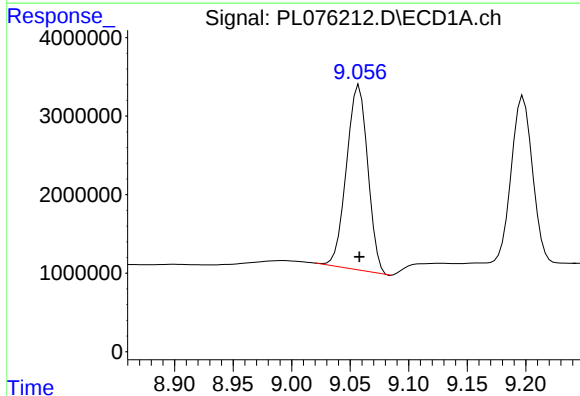
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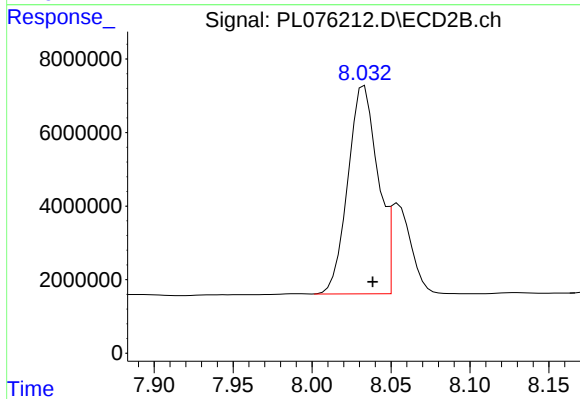
#13 Dieldrin

R.T.: 7.741 min
Delta R.T.: -0.007 min
Response: 88517033
Conc: 49.19 ng/ml m



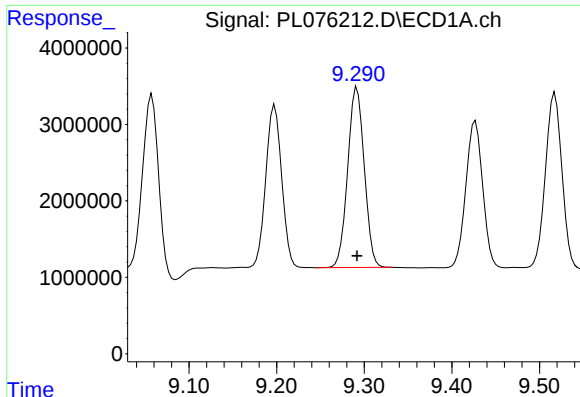
#14 Endrin

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 29877848
Conc: 47.92 ng/ml



#14 Endrin

R.T.: 8.033 min
Delta R.T.: -0.005 min
Response: 74511161
Conc: 49.03 ng/ml



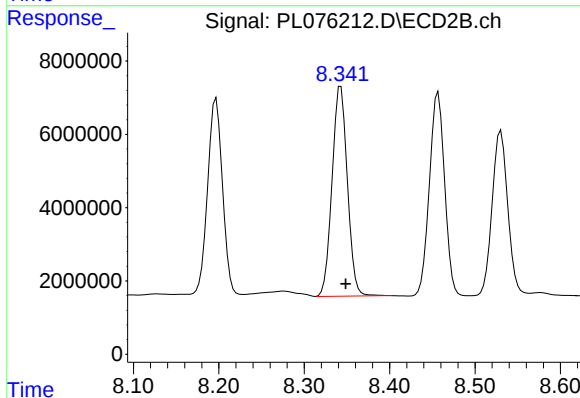
#15 Endosulfan II

R.T.: 9.292 min
Delta R.T.: 0.000 min
Response: 31043614
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145757BS

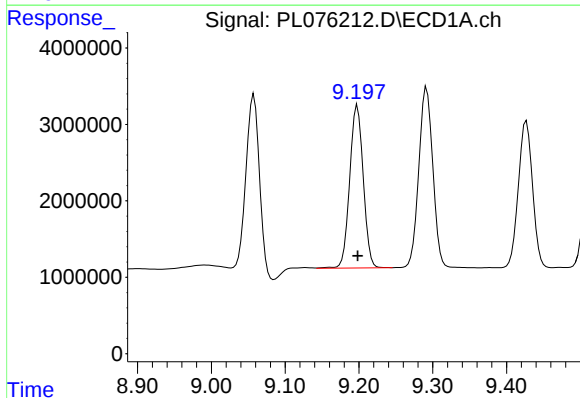
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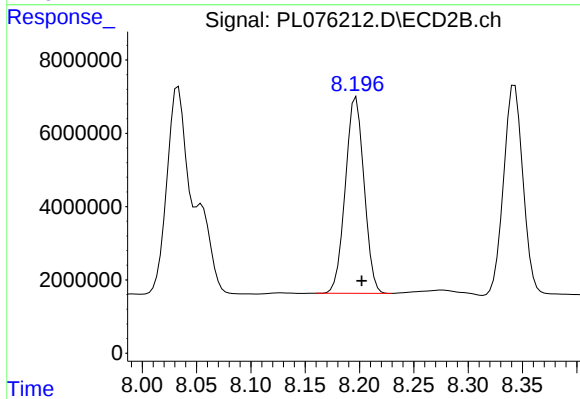
#15 Endosulfan II

R.T.: 8.343 min
Delta R.T.: -0.006 min
Response: 71316291
Conc: 47.18 ng/ml



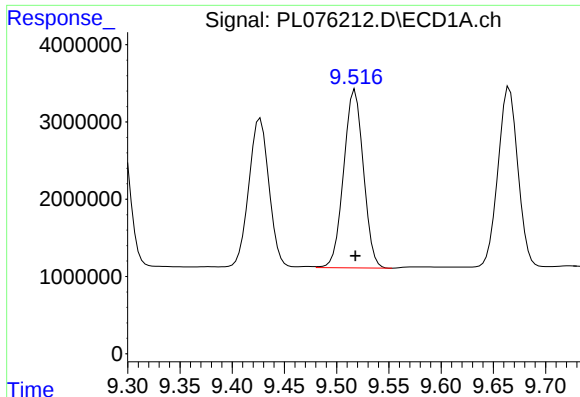
#16 4,4'-DDD

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 27214661
Conc: 48.00 ng/ml



#16 4,4'-DDD

R.T.: 8.197 min
Delta R.T.: -0.005 min
Response: 64275852
Conc: 46.34 ng/ml



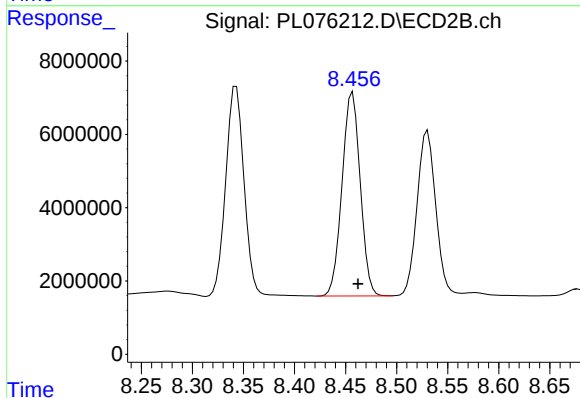
#17 4,4'-DDT

R.T.: 9.518 min
Delta R.T.: 0.000 min
Response: 30300135
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
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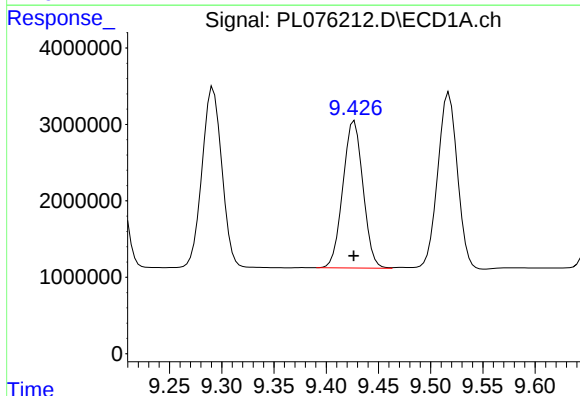
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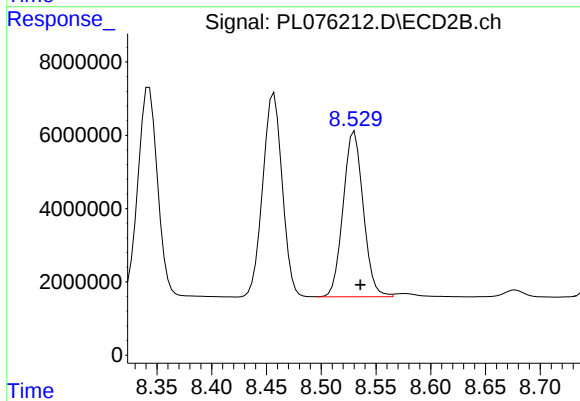
#17 4,4'-DDT

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 68897912
Conc: 46.58 ng/ml



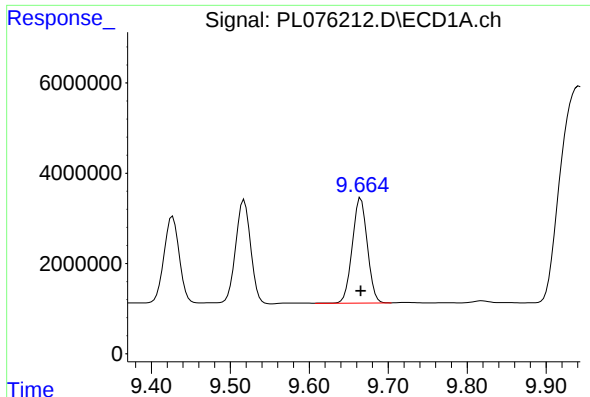
#18 Endrin aldehyde

R.T.: 9.427 min
Delta R.T.: 0.000 min
Response: 25812904
Conc: 49.97 ng/ml



#18 Endrin aldehyde

R.T.: 8.530 min
Delta R.T.: -0.006 min
Response: 57660295
Conc: 48.30 ng/ml



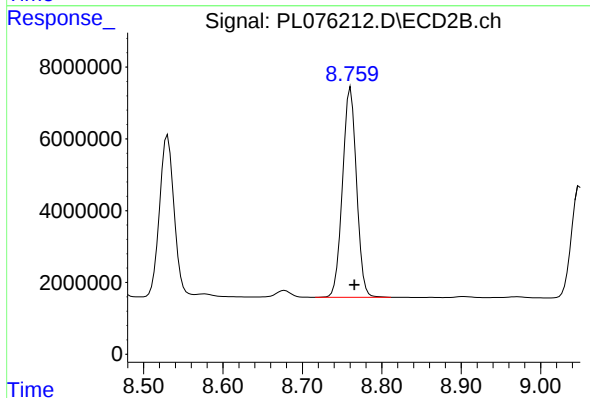
#19 Endosulfan Sulfate

R.T.: 9.665 min
Delta R.T.: 0.000 min
Response: 30911013
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145757BS

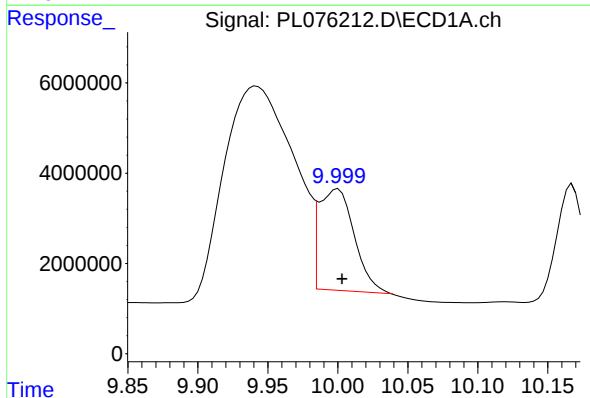
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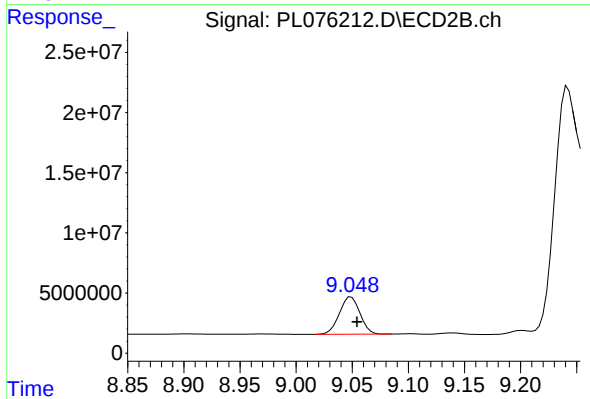
#19 Endosulfan Sulfate

R.T.: 8.761 min
Delta R.T.: -0.005 min
Response: 71828007
Conc: 46.82 ng/ml



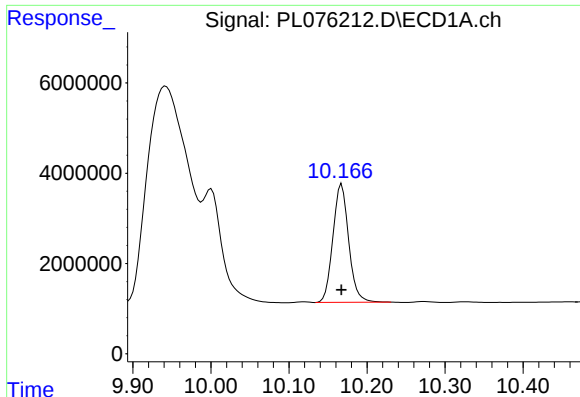
#20 Methoxychlor

R.T.: 9.999 min
Delta R.T.: -0.004 min
Response: 37966524
Conc: 110.69 ng/ml m



#20 Methoxychlor

R.T.: 9.049 min
Delta R.T.: -0.005 min
Response: 39515873
Conc: 46.40 ng/ml



#21 Endrin ketone

R.T.: 10.167 min
Delta R.T.: 0.000 min
Response: 36792115
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#21 Endrin ketone

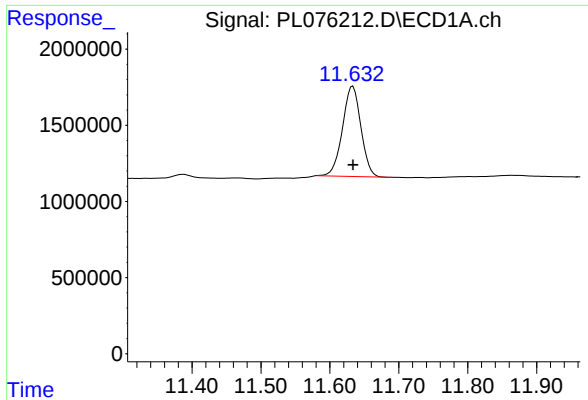
R.T.: 9.275 min
Delta R.T.: -0.009 min
Response: 182826740
Conc: 110.66 ng/ml m

#22 Mirex

R.T.: 10.640 min
Delta R.T.: 0.000 min
Response: 30495060
Conc: 56.70 ng/ml

#22 Mirex

R.T.: 9.463 min
Delta R.T.: -0.006 min
Response: 57684431
Conc: 43.11 ng/ml



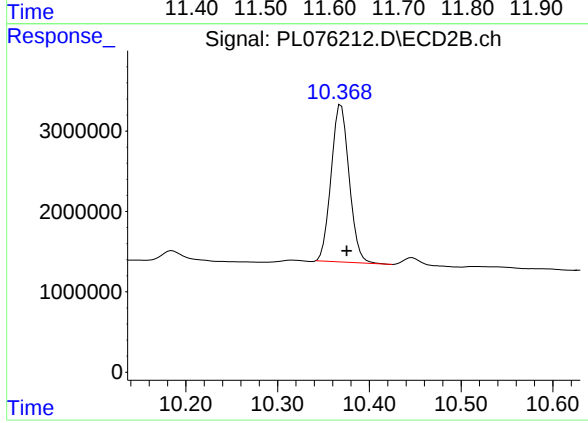
#28 Decachlorobiphenyl

R.T.: 11.633 min
Delta R.T.: 0.000 min
Response: 11007605
Conc: 17.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145757BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 10.369 min
Delta R.T.: -0.006 min
Response: 26793956
Conc: 17.45 ng/ml