

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
 Data File : PL094876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2025 15:55
 Operator : AR\AJ
 Sample : Q1636-17MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-5MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/27/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 02:05:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.534	2.769	55022496	70241737	19.438m	19.680
28)	SA Decachlor...	9.050	7.902	36158276	65351617	17.157	16.179
Target Compounds							
2)	A alpha-BHC	3.991	3.270	166.5E6	248.4E6	40.093	46.068m
3)	MA gamma-BHC...	4.324	3.601	162.6E6	234.7E6	40.744	45.665
4)	MA Heptachlor	4.912	3.938	158.1E6	235.5E6	40.736	44.694
5)	MB Aldrin	5.253	4.218	151.4E6	220.8E6	40.993	45.275
6)	B beta-BHC	4.523	3.901	77981892	103.3E6	42.262	46.492
7)	B delta-BHC	4.770	4.130	129.9E6	166.7E6	33.345	33.320
8)	B Heptachlo...	5.680	4.720	140.5E6	210.4E6	41.999	45.959
9)	A Endosulfan I	6.066	5.089	133.6E6	202.7E6	43.531	46.191
10)	B gamma-Chl...	5.936	4.969	142.1E6	221.1E6	42.180	45.783m
11)	B alpha-Chl...	6.015	5.033	141.3E6	219.5E6	42.867	45.991
12)	B 4,4'-DDE	6.189	5.221	140.5E6	222.7E6	47.752	47.917m
13)	MA Dieldrin	6.341	5.353	139.6E6	221.8E6	43.655	45.724
14)	MA Endrin	6.571	5.629	119.2E6	207.7E6	43.010	47.602
15)	B Endosulfa...	6.790	5.923	119.9E6	199.4E6	44.151m	46.078m
16)	A 4,4'-DDD	6.707	5.777	109.0E6	176.0E6	50.307	48.939
17)	MA 4,4'-DDT	7.021	6.027	111.6E6	196.9E6	46.917	48.836
18)	B Endrin al...	6.921	6.104	93244648	151.4E6	44.171	44.977
19)	B Endosulfa...	7.156	6.327	106.6E6	185.4E6	43.813	45.526
20)	A Methoxychlor	7.498	6.602	59863322	109.5E6	50.008	51.633
21)	B Endrin ke...	7.641	6.830	122.9E6	229.0E6	46.490	47.980m
22)	Mirex	8.113	7.010	89847841	177.0E6	43.483	46.636m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
Data File : PL094876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Mar 2025 15:55
Operator : AR\AJ
Sample : Q1636-17MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

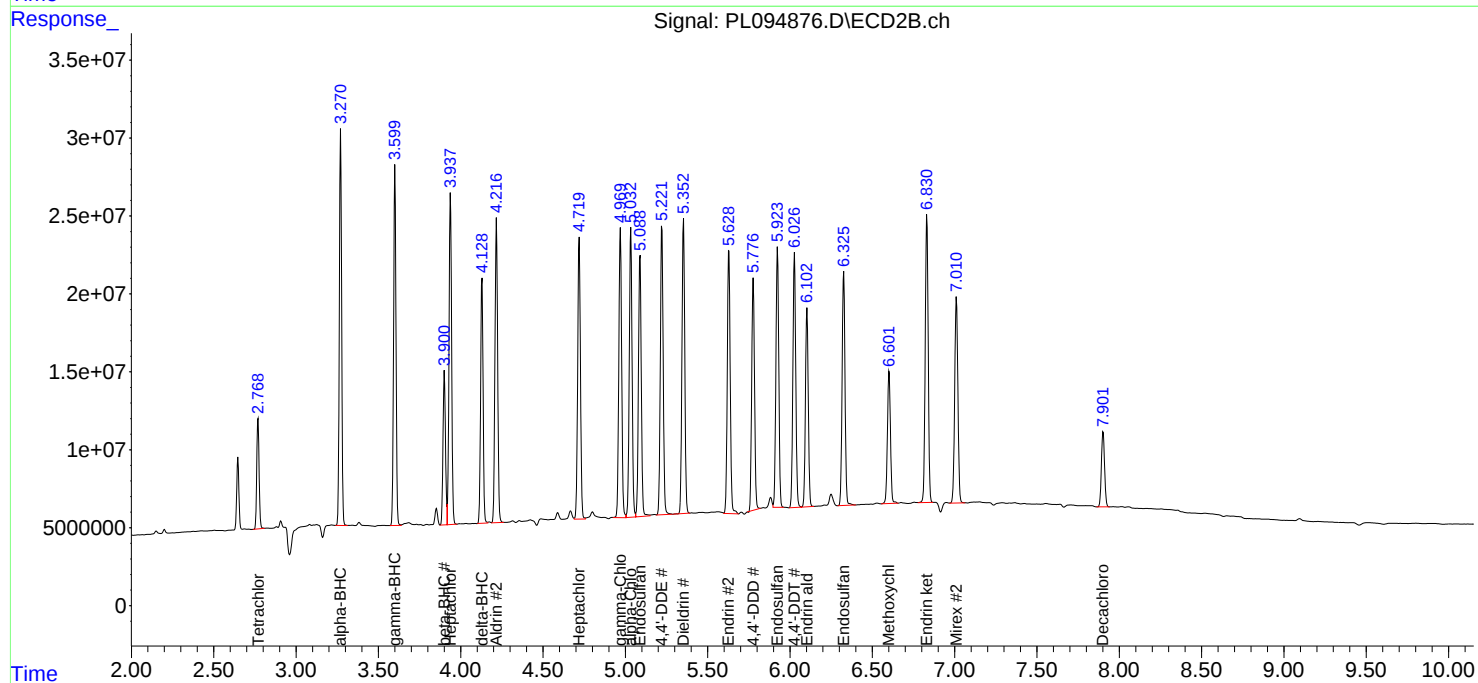
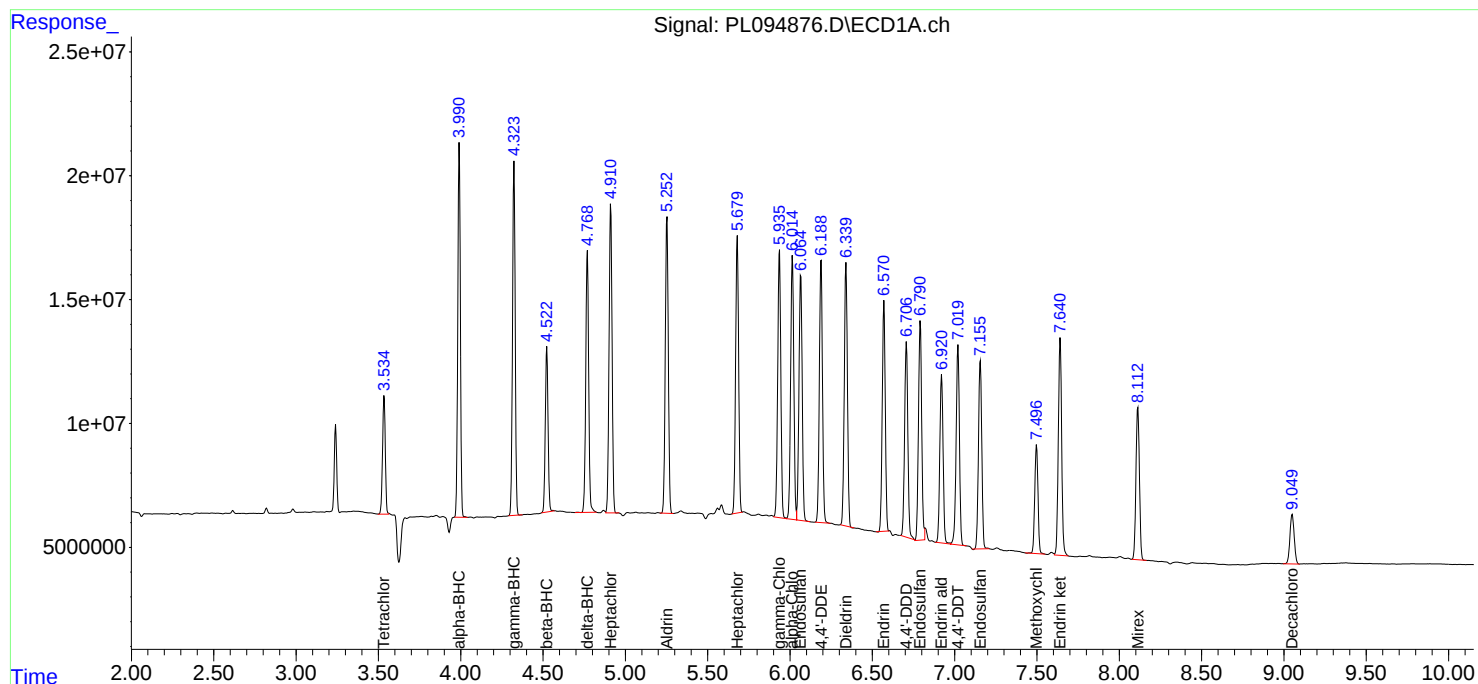
Instrument :
ECD_L
ClientSampleId :
WC-5MS

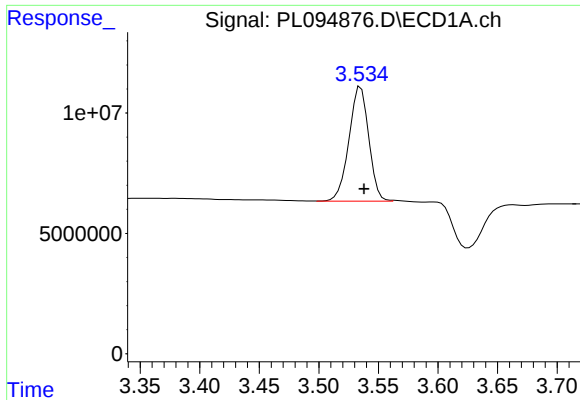
Manual Integrations
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Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 02:05:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





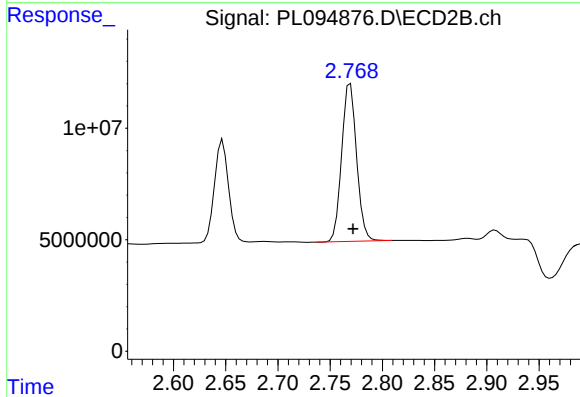
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 55022496
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

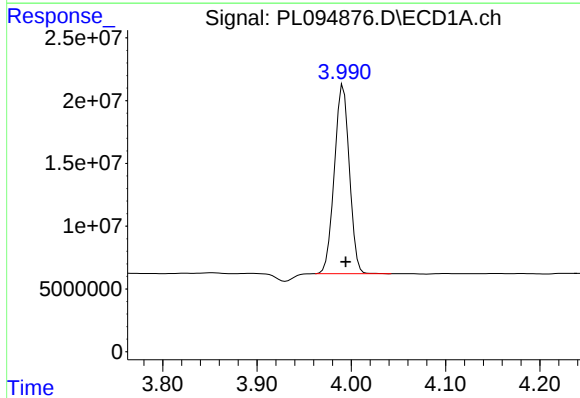
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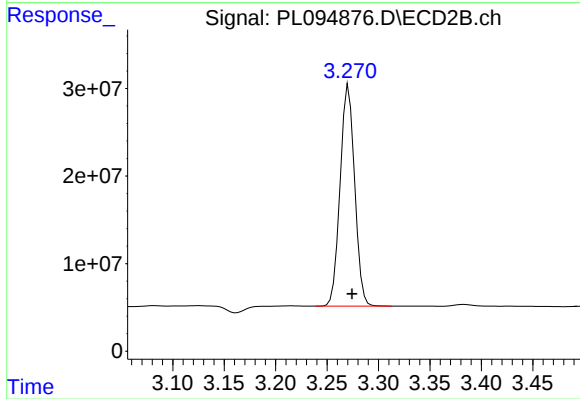
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 70241737
Conc: 19.68 ng/ml



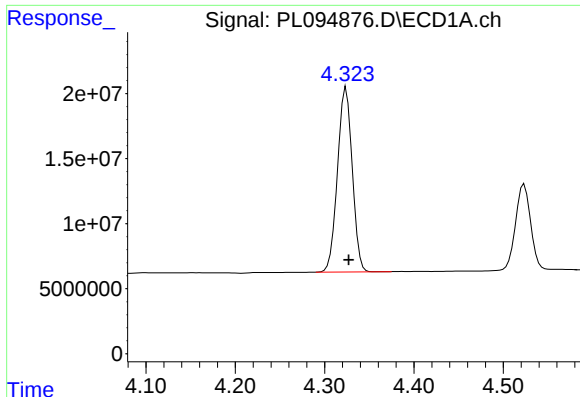
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 166480884
Conc: 40.09 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.005 min
Response: 248369285
Conc: 46.07 ng/ml m



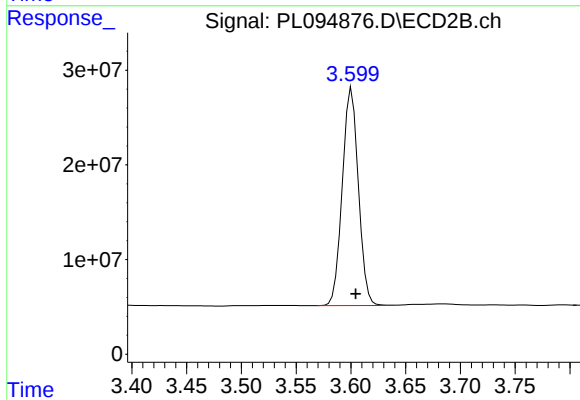
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 162579739
Conc: 40.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

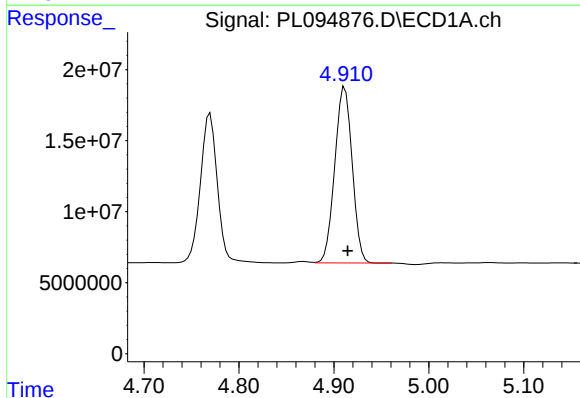
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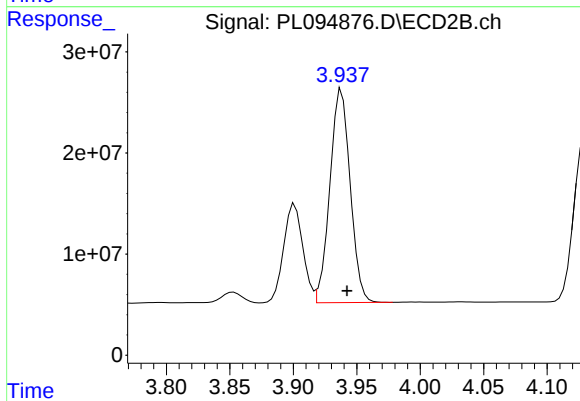
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 234691377
Conc: 45.66 ng/ml



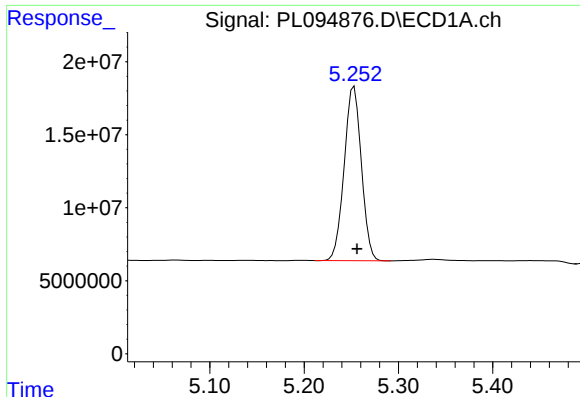
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 158122360
Conc: 40.74 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 235479014
Conc: 44.69 ng/ml



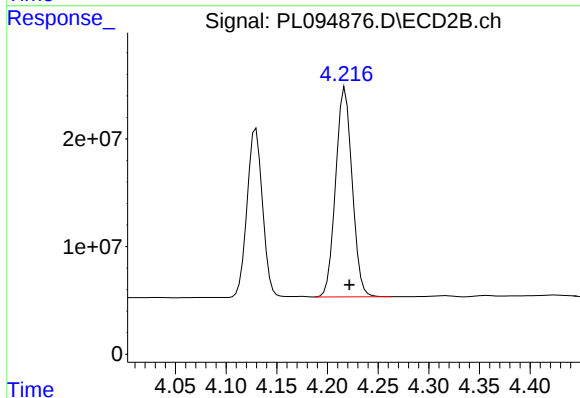
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 151353770
Conc: 40.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

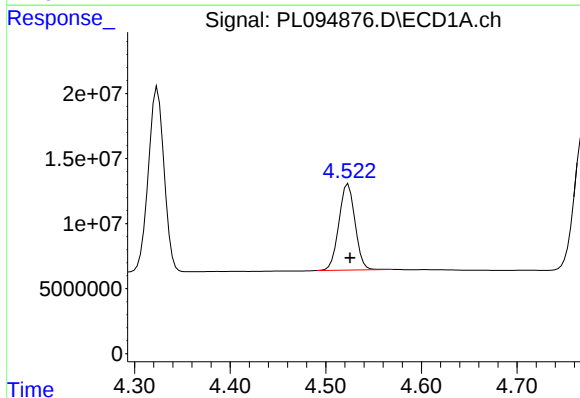
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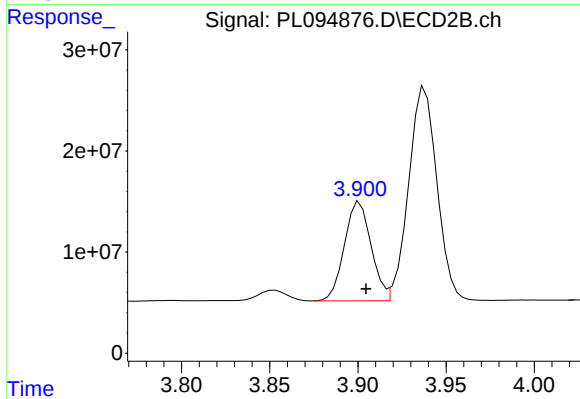
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 220774934
Conc: 45.27 ng/ml



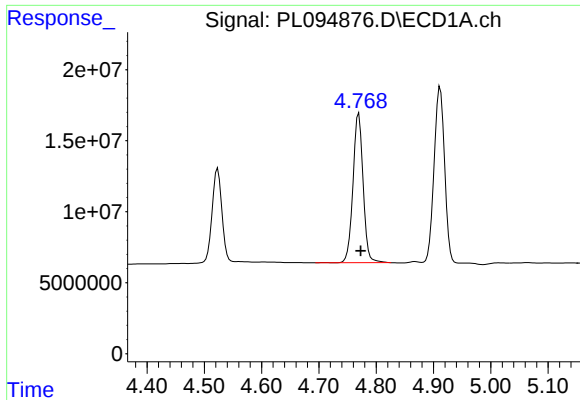
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 77981892
Conc: 42.26 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 103273476
Conc: 46.49 ng/ml



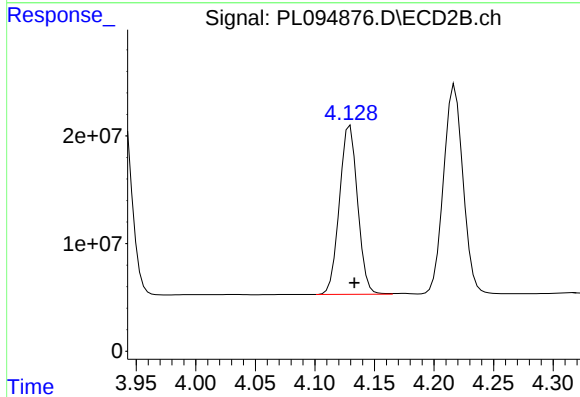
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 129856250
Conc: 33.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

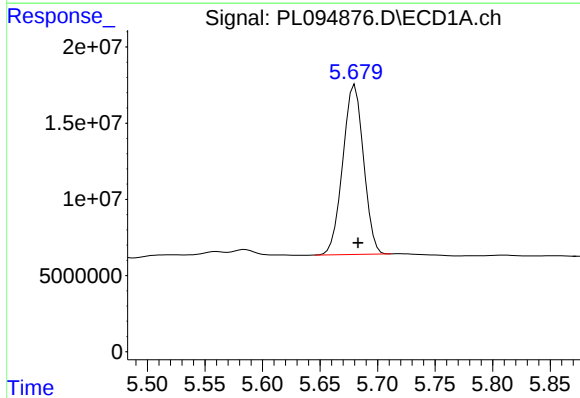
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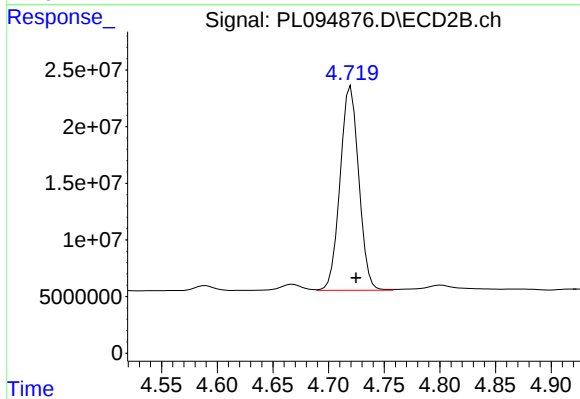
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.004 min
Response: 166665266
Conc: 33.32 ng/ml



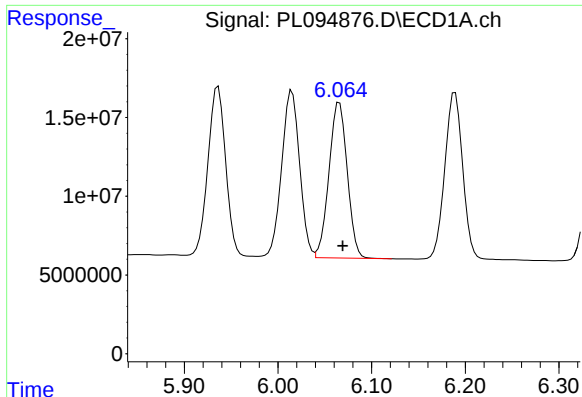
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 140495788
Conc: 42.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 210427773
Conc: 45.96 ng/ml



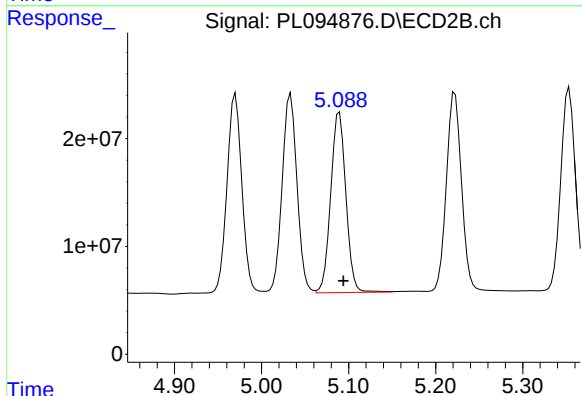
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 133649047
Conc: 43.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

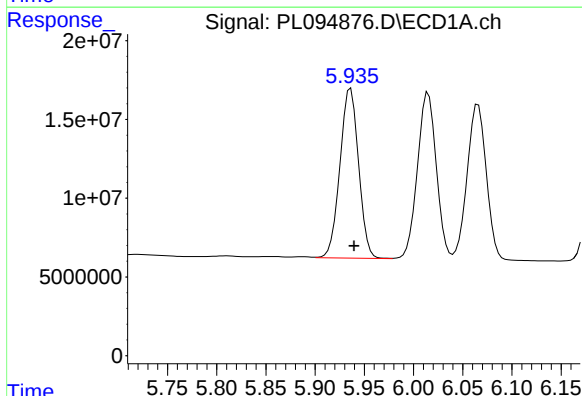
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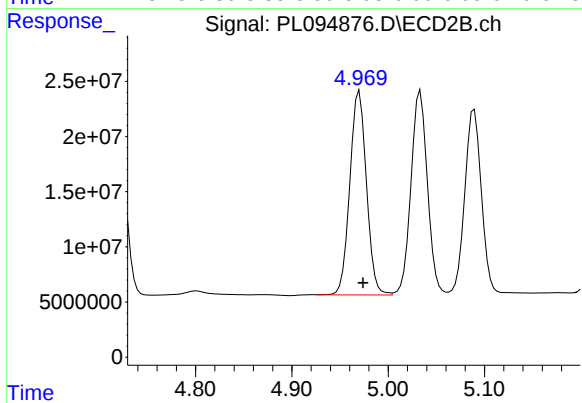
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 202718286
Conc: 46.19 ng/ml



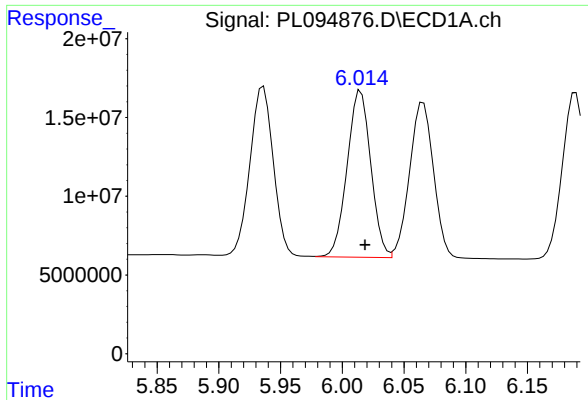
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 142120809
Conc: 42.18 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 221060998
Conc: 45.78 ng/ml m



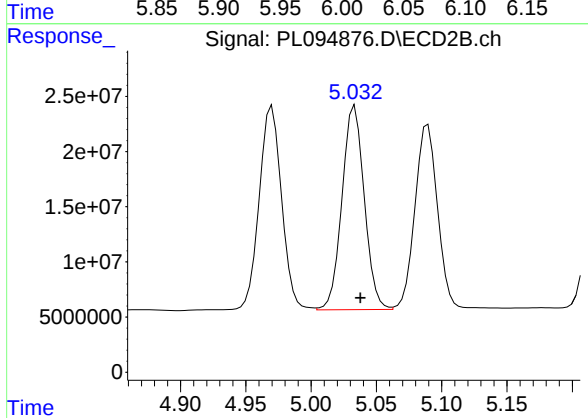
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 141325937
Conc: 42.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

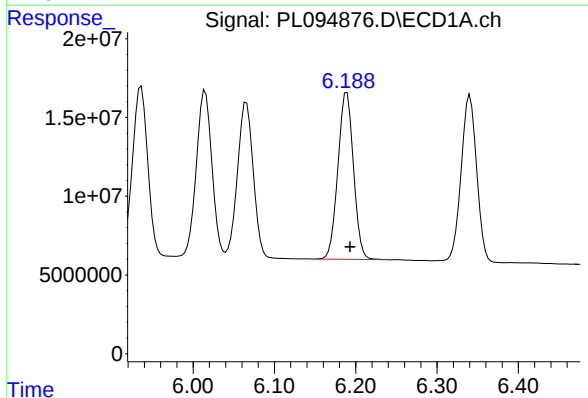
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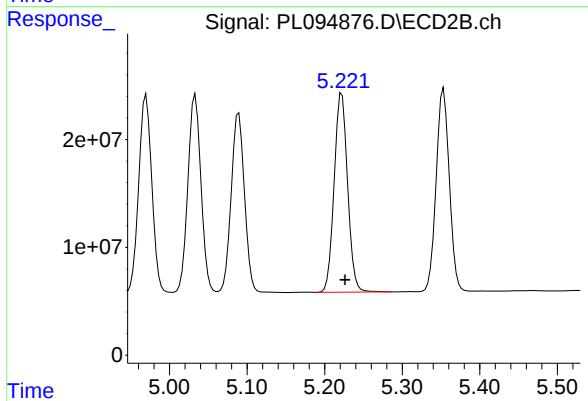
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 219502541
Conc: 45.99 ng/ml



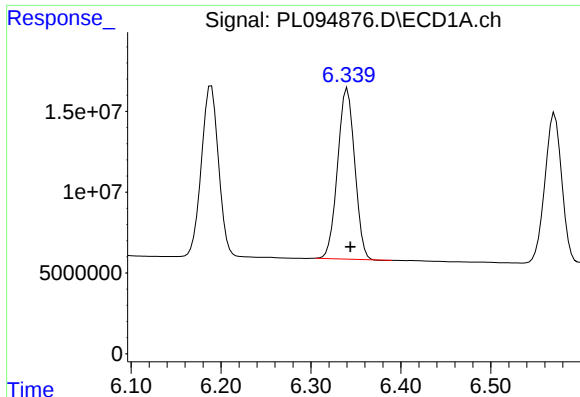
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 140489502
Conc: 47.75 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 222744976
Conc: 47.92 ng/ml m



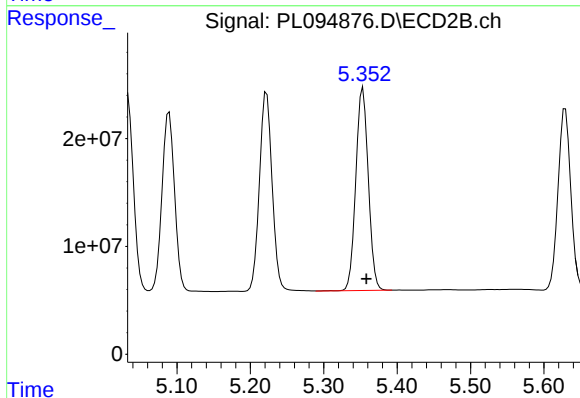
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 139613346
Conc: 43.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

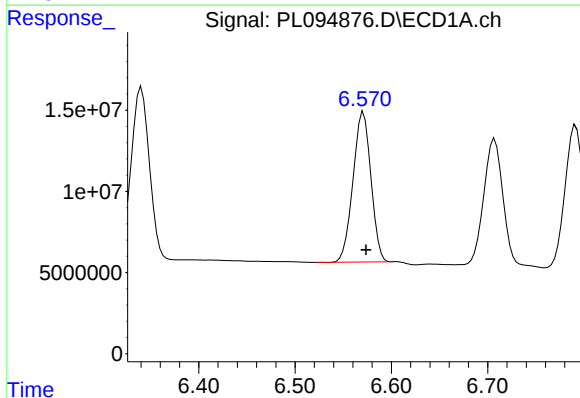
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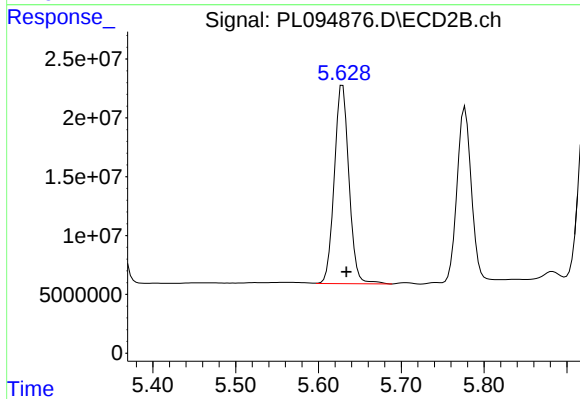
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 221843299
Conc: 45.72 ng/ml



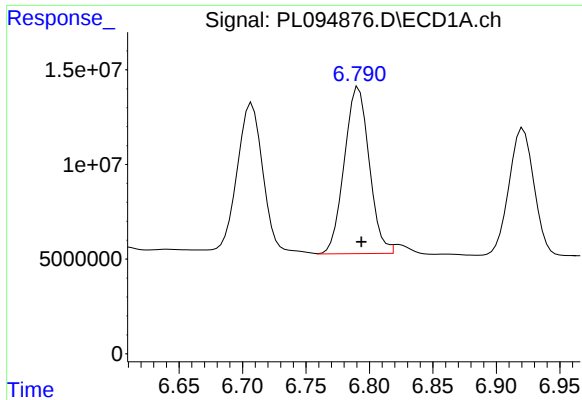
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 119228149
Conc: 43.01 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 207720040
Conc: 47.60 ng/ml



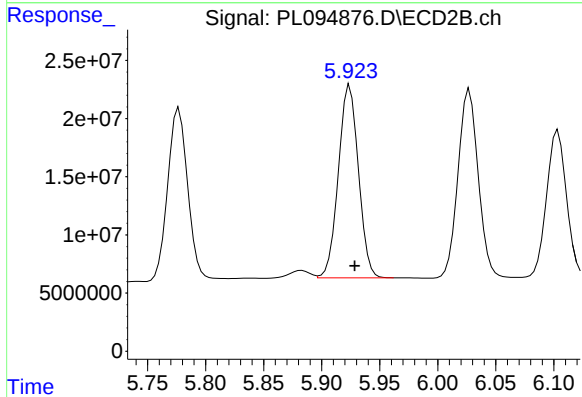
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 119857378
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

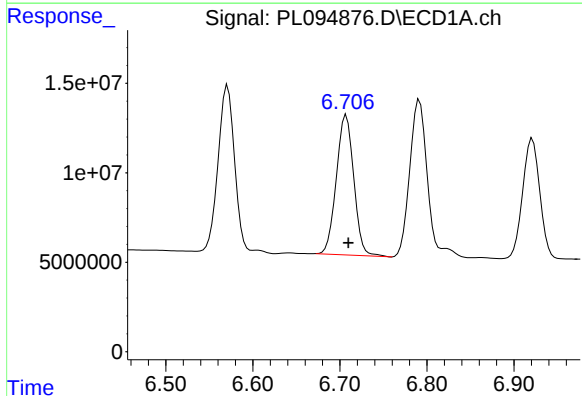
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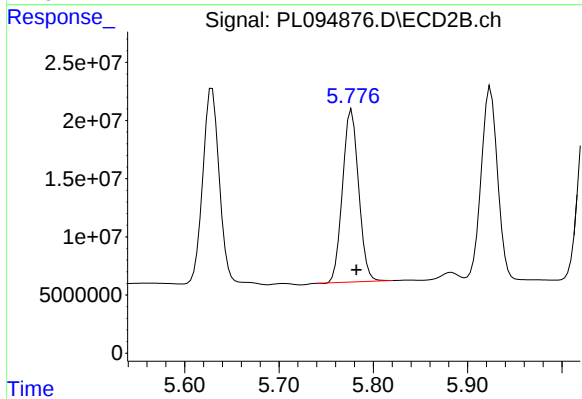
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.006 min
Response: 199438490
Conc: 46.08 ng/ml m



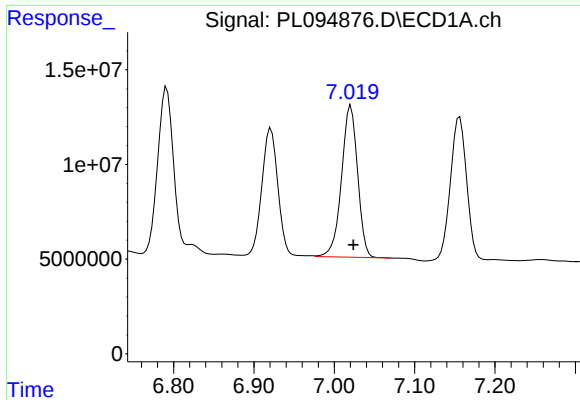
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 108968881
Conc: 50.31 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 175980709
Conc: 48.94 ng/ml



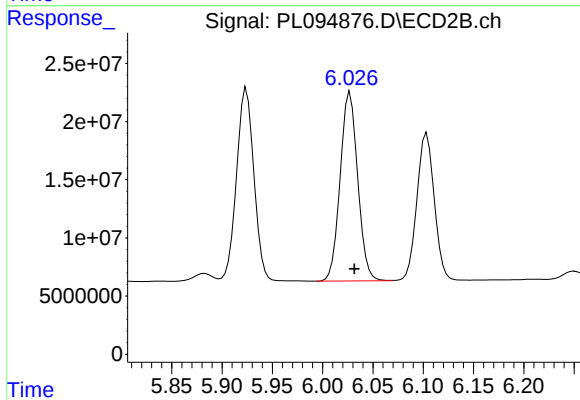
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 111594262
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

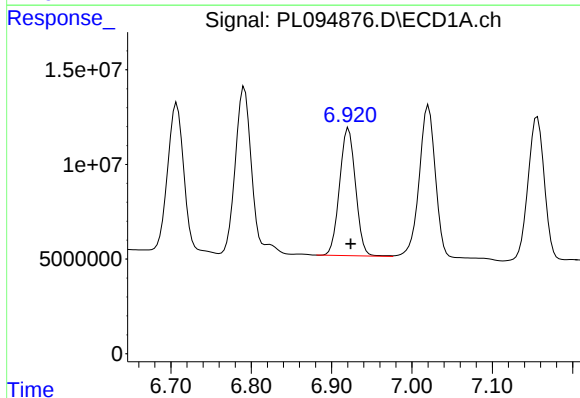
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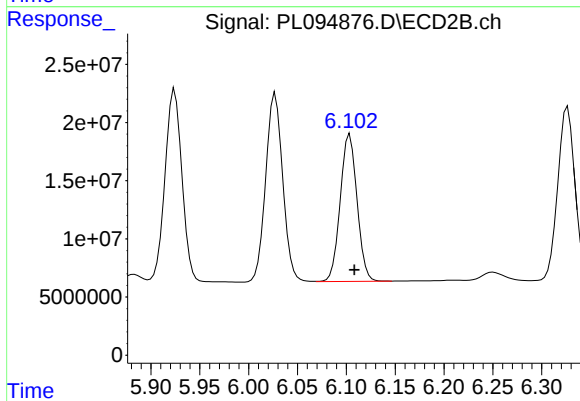
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 196912334
Conc: 48.84 ng/ml



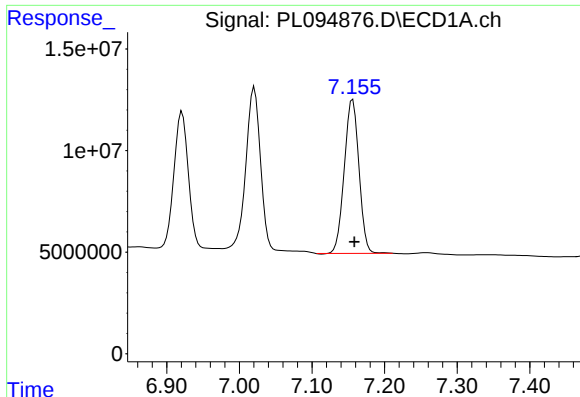
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 93244648
Conc: 44.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 151364574
Conc: 44.98 ng/ml



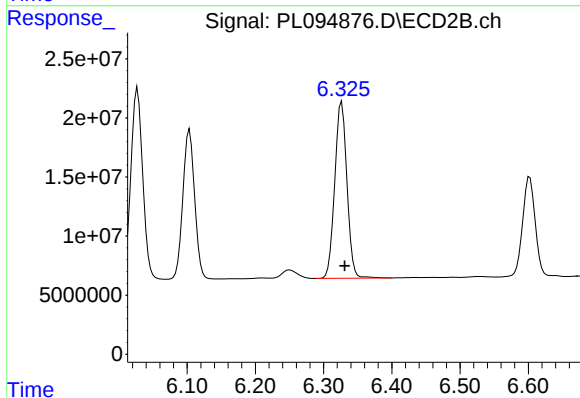
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 106553538
Conc: 43.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

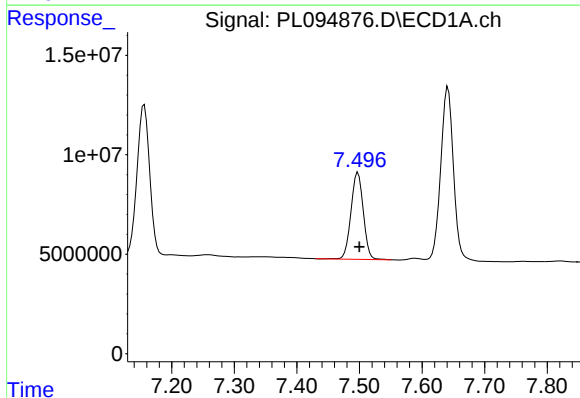
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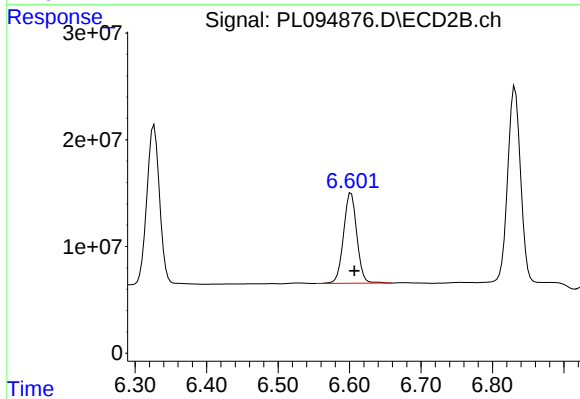
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 185448285
Conc: 45.53 ng/ml



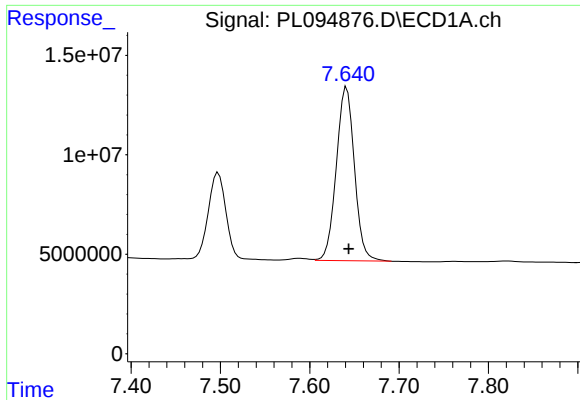
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 59863322
Conc: 50.01 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 109516520
Conc: 51.63 ng/ml



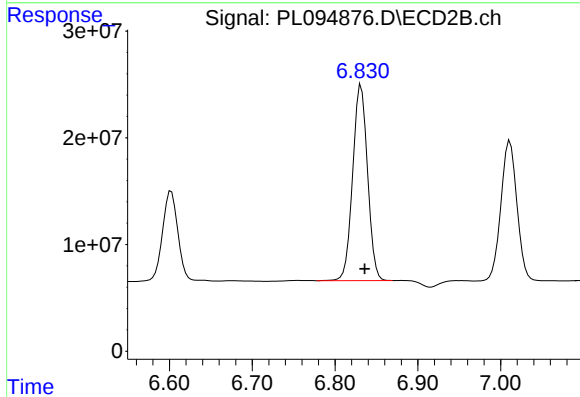
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 122884508
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

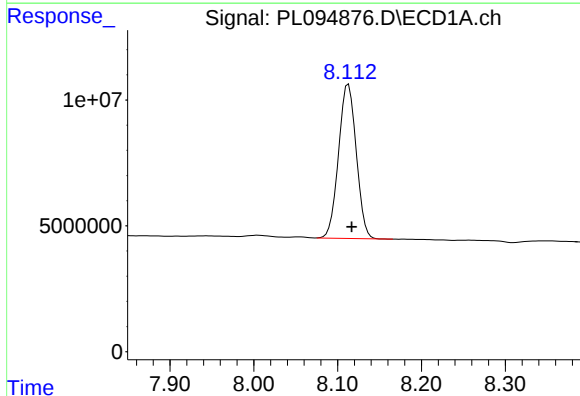
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



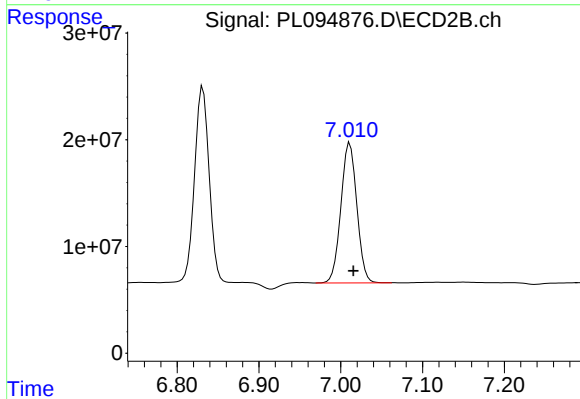
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 228988229
Conc: 47.98 ng/ml m



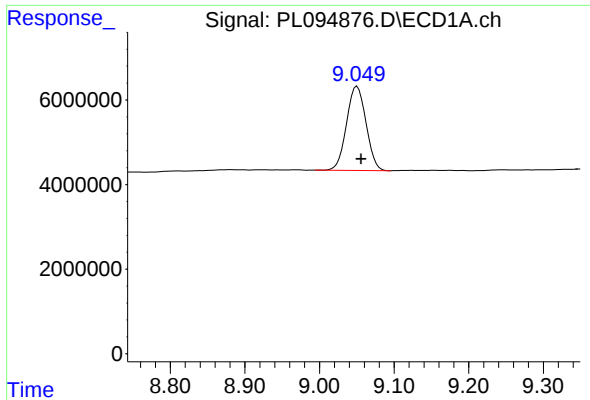
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 89847841
Conc: 43.48 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 176996557
Conc: 46.64 ng/ml m



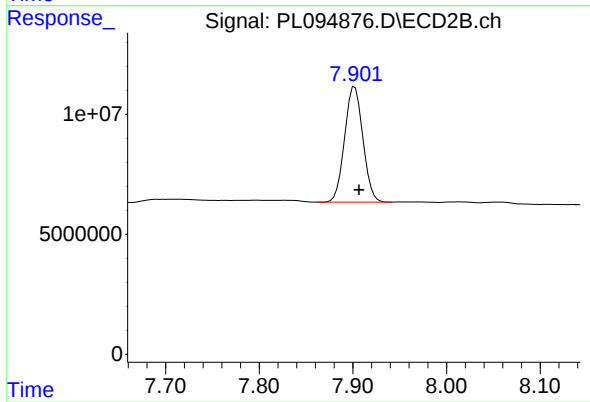
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.005 min
Response: 36158276
Conc: 17.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 65351617
Conc: 16.18 ng/ml