

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
 Data File : PL080741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2023 19:01
 Operator : AR\AJ
 Sample : 01409-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 38414MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/06/2023
 Supervised By :Ankita Jodhani 02/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 00:02:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
 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...	3.351	2.689	39722863	45961877	18.520	20.925
28)	SA Decachlor...	8.789	7.834	31336029	33787073	17.899	14.181
Target Compounds							
2)	A alpha-BHC	3.799	3.189	126.3E6	116.6E6	39.873	36.653
3)	MA gamma-BHC...	4.128	3.518	116.9E6	108.9E6	39.768	36.441
4)	MA Heptachlor	4.712	3.858	114.6E6	113.7E6	38.794	35.727
5)	MB Aldrin	5.050	4.137	104.7E6	104.6E6	38.275	35.472
6)	B beta-BHC	4.325	3.813	51499399	48848712	37.728	36.601
7)	B delta-BHC	4.567	4.043	105.3E6	101.5E6	36.367	35.186
8)	B Heptachlo...	5.475	4.639	99110444	94789285	38.310	34.068
9)	A Endosulfan I	5.857	5.009	91290532	85897118	38.658	33.020
10)	B gamma-Chl...	5.730	4.889	96486382	96420391	38.201	34.020m
11)	B alpha-Chl...	5.809	4.955	95577844	93328949	37.864	32.579
12)	B 4,4'-DDE	5.987	5.146	82935053	84142631	37.235	35.671m
13)	MA Dieldrin	6.131	5.274	90338693	90763522	37.746	33.554
14)	MA Endrin	6.358	5.548	81537911	79547788	37.702	34.271
15)	B Endosulfa...	6.577	5.842	72212847	73591775	31.502	35.317
16)	A 4,4'-DDD	6.501	5.701	69655462	64836529	38.022	34.502
17)	MA 4,4'-DDT	6.814	5.951	87128298	75597261	41.936	35.973m
18)	B Endrin al...	6.707	6.023	61961550	60607134	37.250	33.189
19)	B Endosulfa...	6.940	6.245	77585121	80793579	37.482	34.740
20)	A Methoxychlor	7.292	6.531	40391791	43635216	36.610	35.959
21)	B Endrin ke...	7.421	6.751	80475103	85261794	36.474	33.394
22)	Mirex	7.892	6.934	63958705	75247547	37.190	33.051

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
Data File : PL080741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2023 19:01
Operator : AR\AJ
Sample : 01409-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

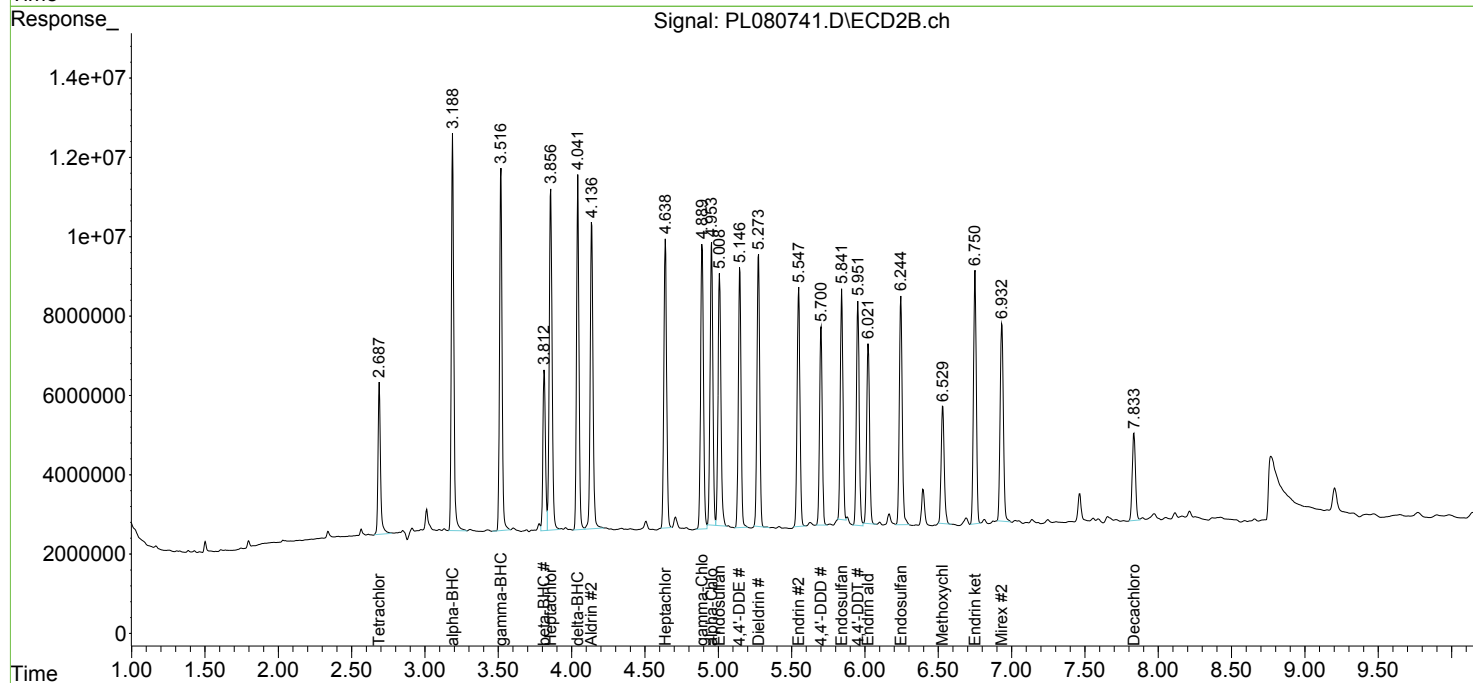
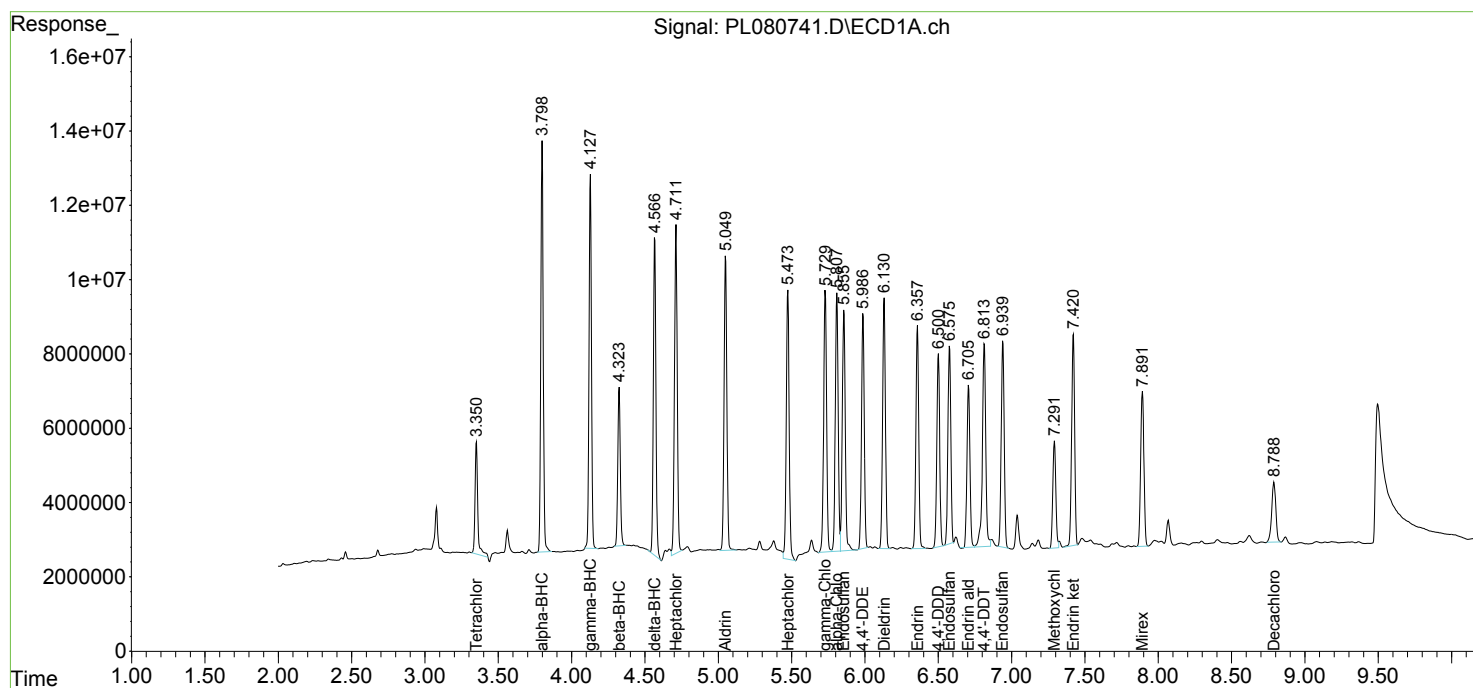
Instrument :
ECD_L
ClientSampleId :
38414MS

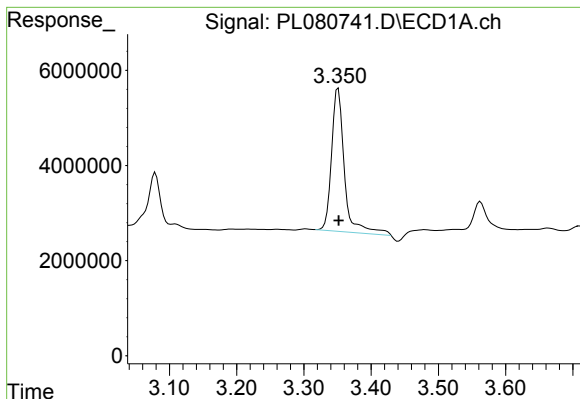
Manual Integrations
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Reviewed By : Abdul Mirza 02/06/2023
Supervised By : Ankita Jodhani 02/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 00:02:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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





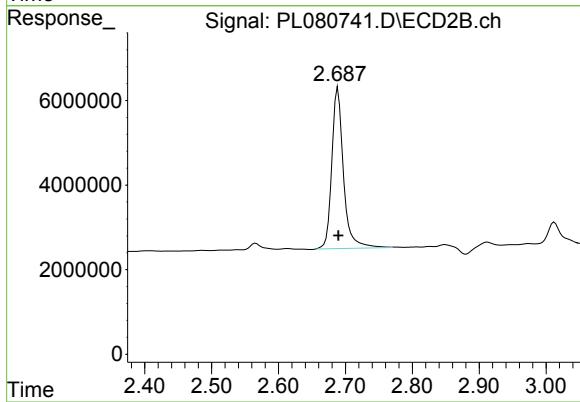
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 39722863
Conc: 18.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

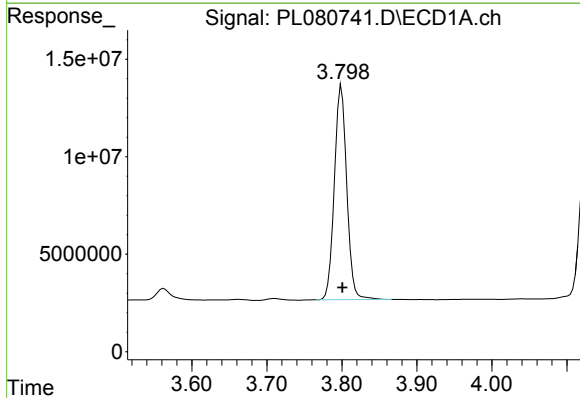
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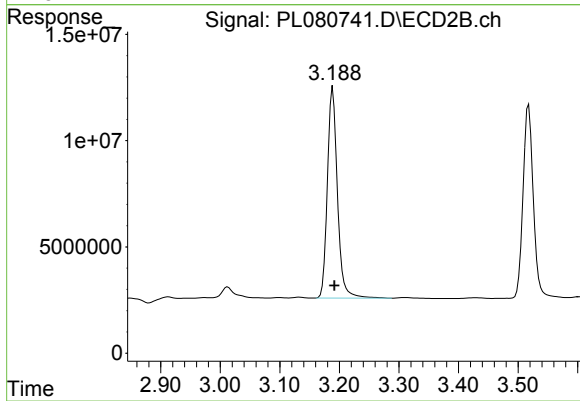
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 45961877
Conc: 20.93 ng/ml



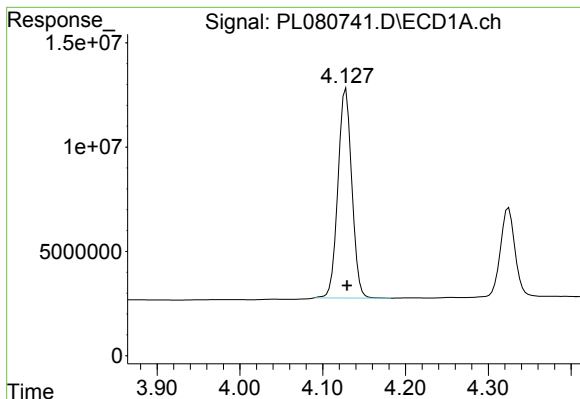
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 126317901
Conc: 39.87 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 116571727
Conc: 36.65 ng/ml



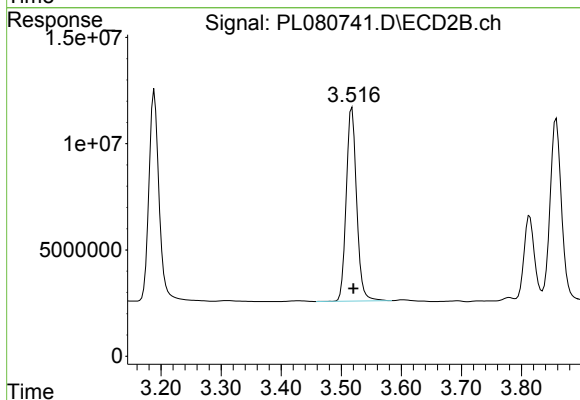
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 116909910
Conc: 39.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

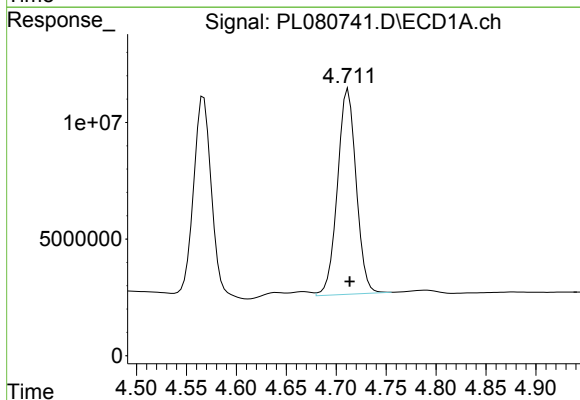
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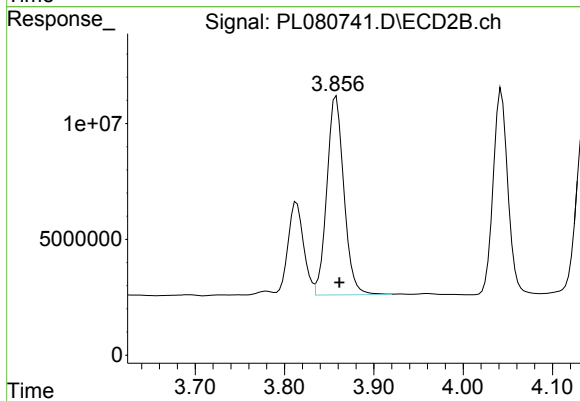
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 108861449
Conc: 36.44 ng/ml



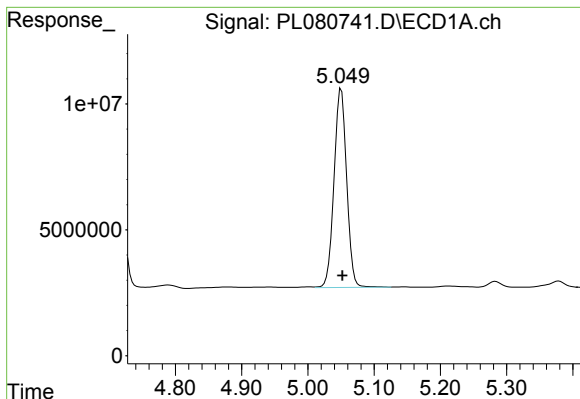
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 114643446
Conc: 38.79 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 113695009
Conc: 35.73 ng/ml



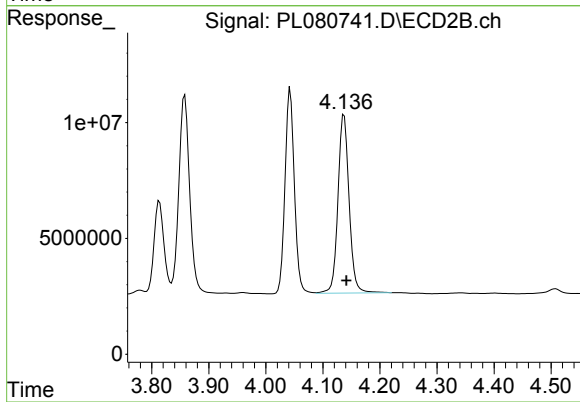
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 104713172
Conc: 38.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

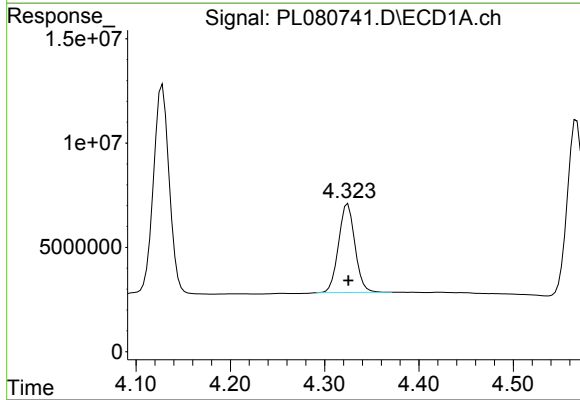
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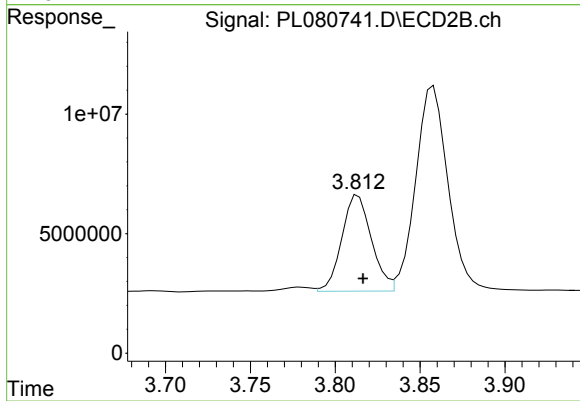
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 104626161
Conc: 35.47 ng/ml



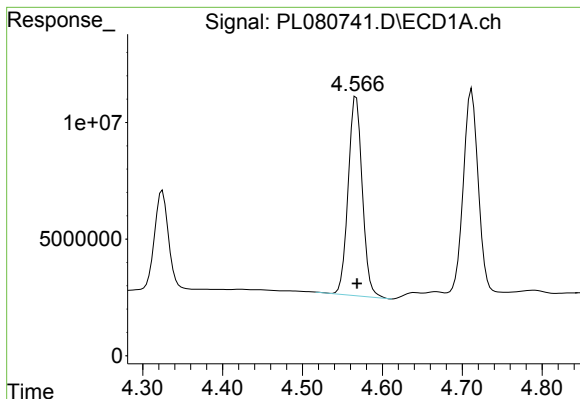
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 51499399
Conc: 37.73 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 48848712
Conc: 36.60 ng/ml



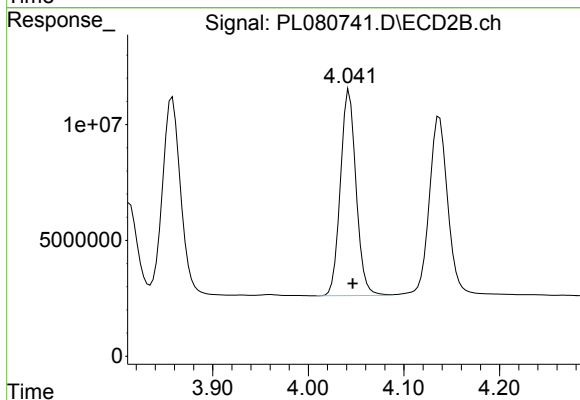
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 105283434
Conc: 36.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

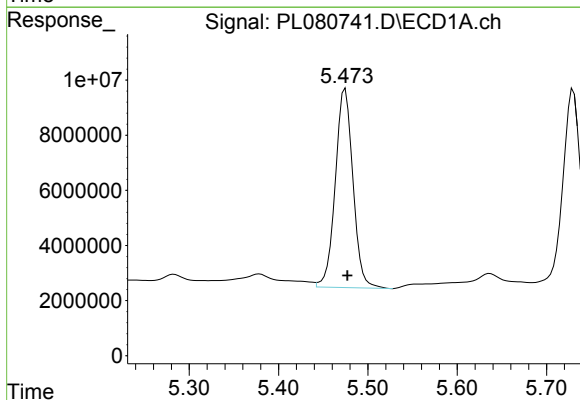
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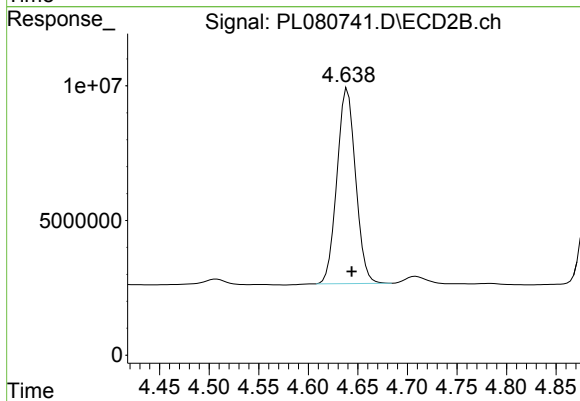
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 101490624
Conc: 35.19 ng/ml



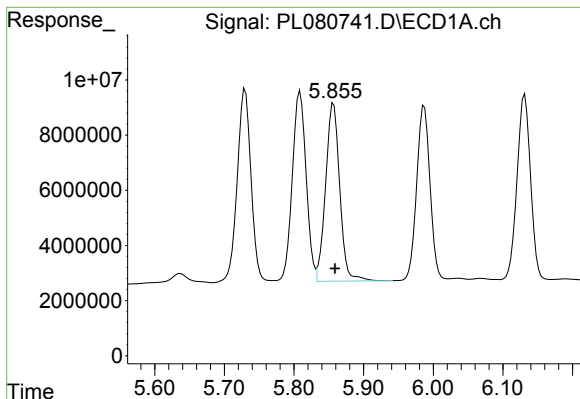
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 99110444
Conc: 38.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.004 min
Response: 94789285
Conc: 34.07 ng/ml



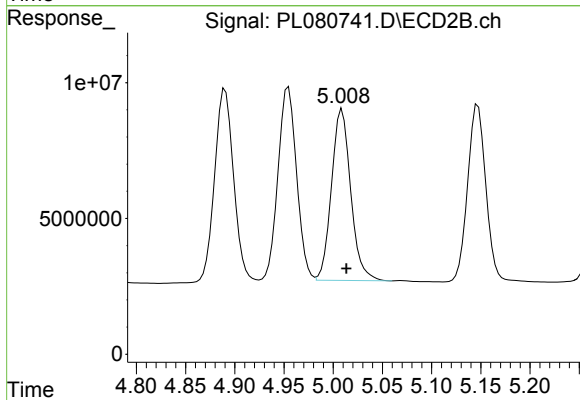
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 91290532
Conc: 38.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

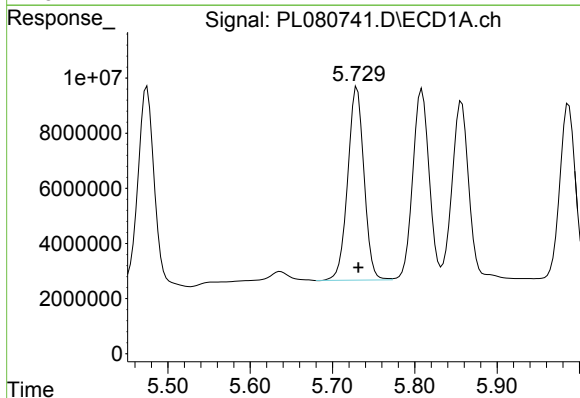
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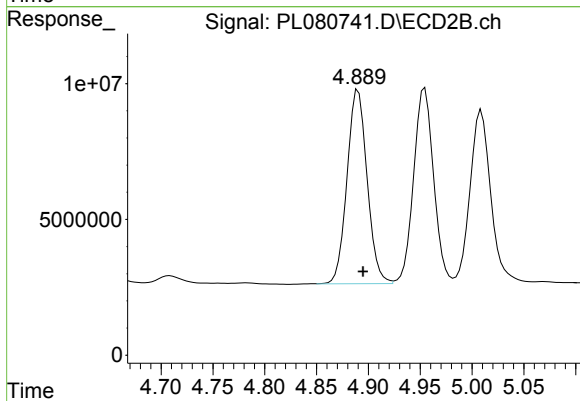
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 85897118
Conc: 33.02 ng/ml



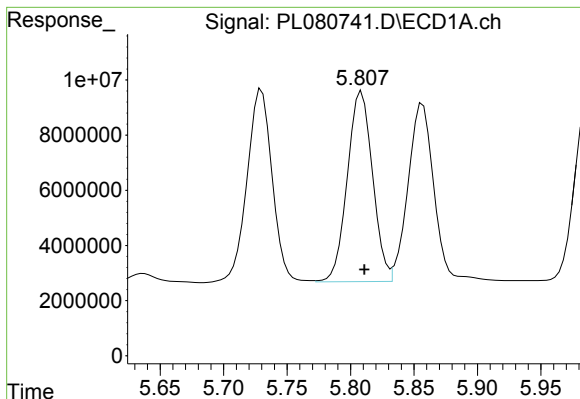
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 96486382
Conc: 38.20 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 96420391
Conc: 34.02 ng/ml m



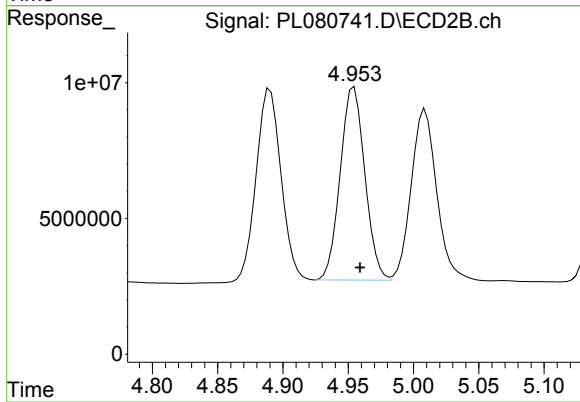
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 95577844
Conc: 37.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

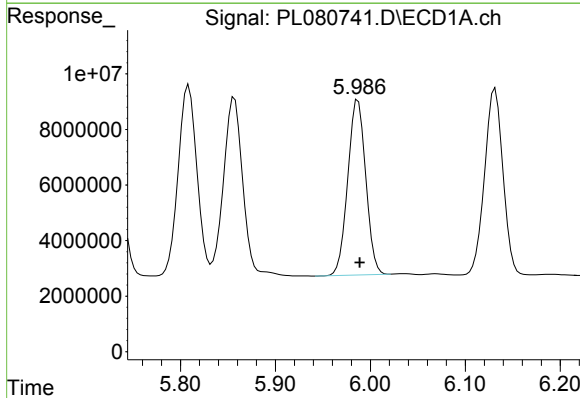
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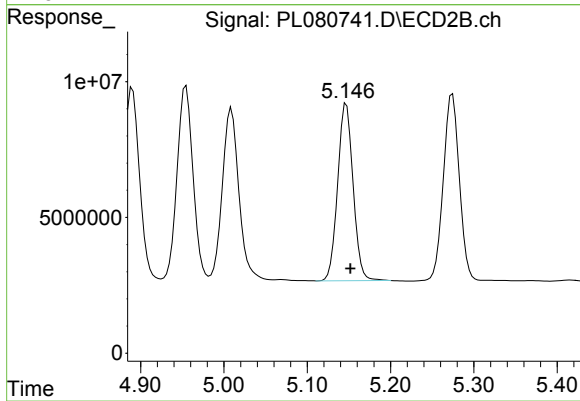
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 93328949
Conc: 32.58 ng/ml



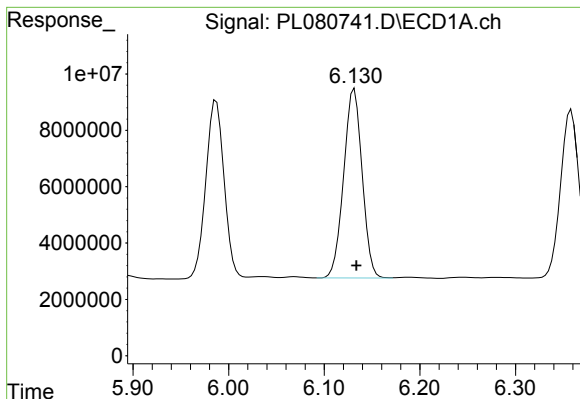
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 82935053
Conc: 37.23 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 84142631
Conc: 35.67 ng/ml m



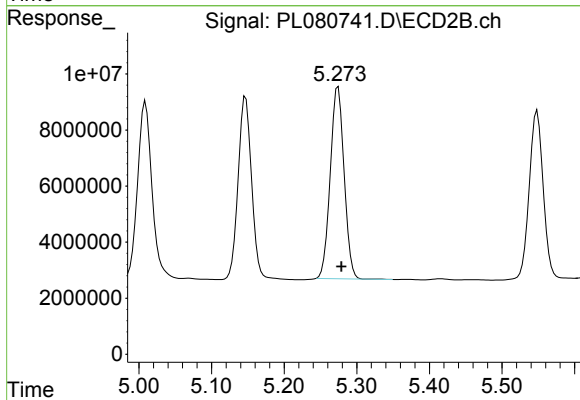
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 90338693
Conc: 37.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

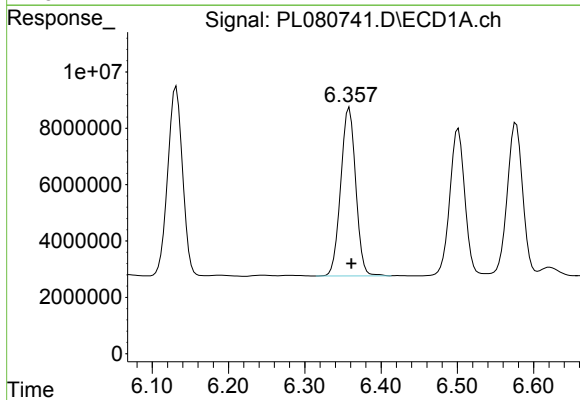
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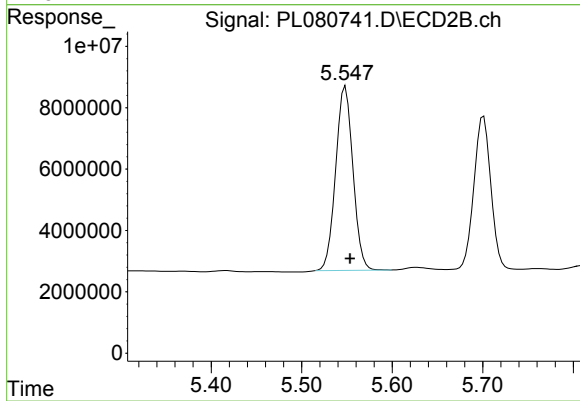
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 90763522
Conc: 33.55 ng/ml



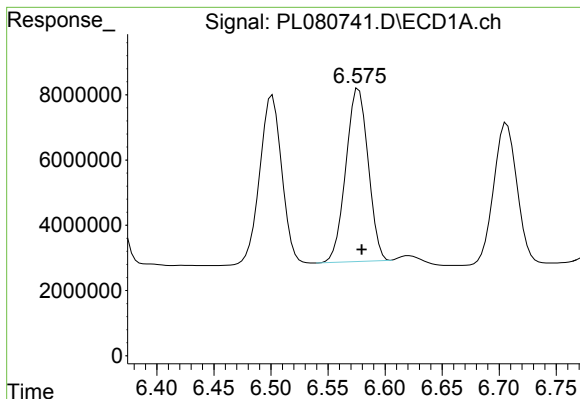
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 81537911
Conc: 37.70 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 79547788
Conc: 34.27 ng/ml



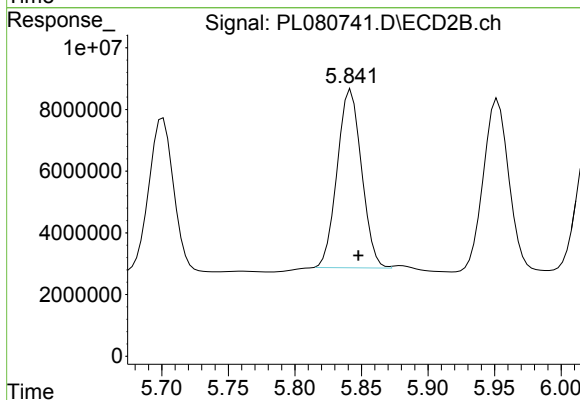
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 72212847
Conc: 31.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

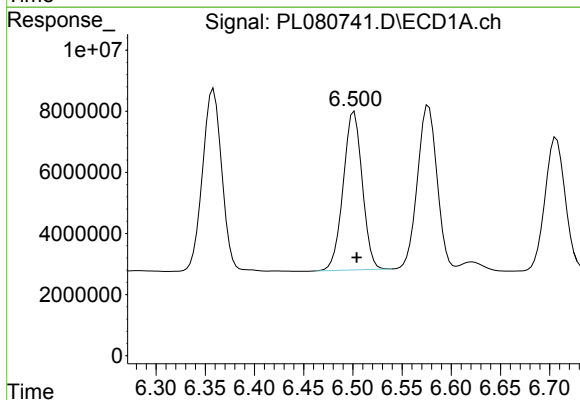
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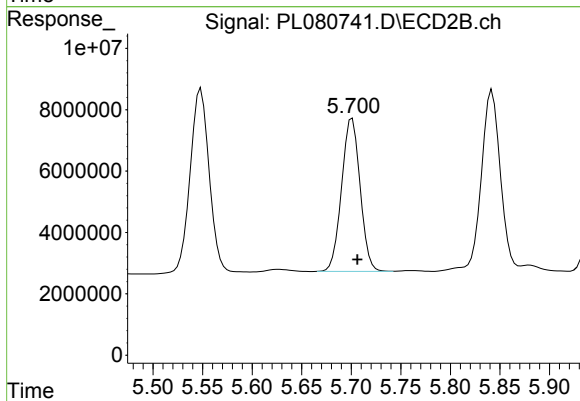
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 73591775
Conc: 35.32 ng/ml



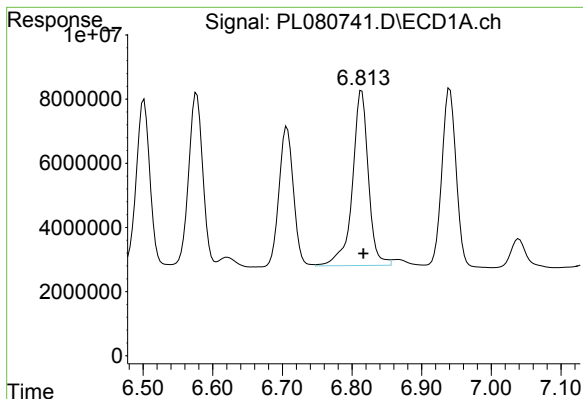
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 69655462
Conc: 38.02 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 64836529
Conc: 34.50 ng/ml



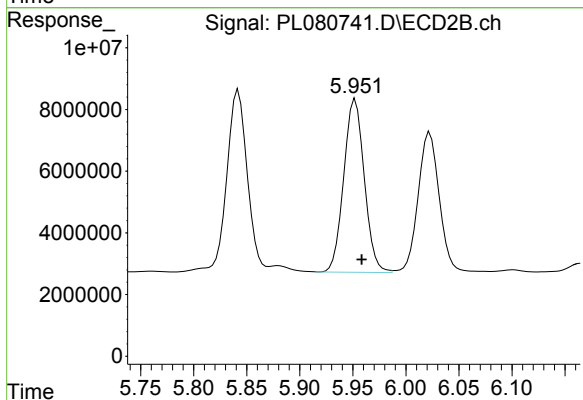
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 87128298
Conc: 41.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

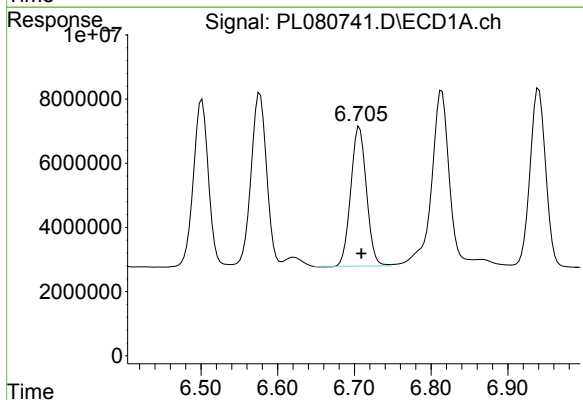
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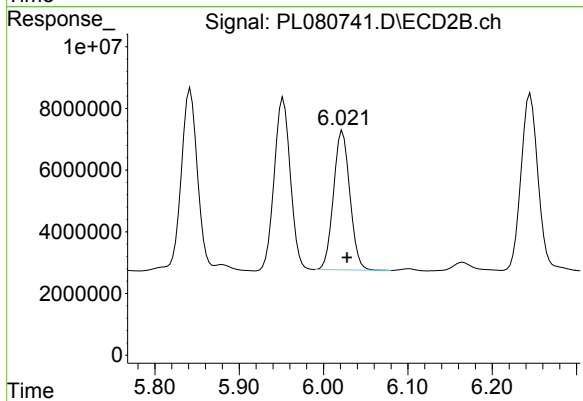
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 75597261
Conc: 35.97 ng/ml m



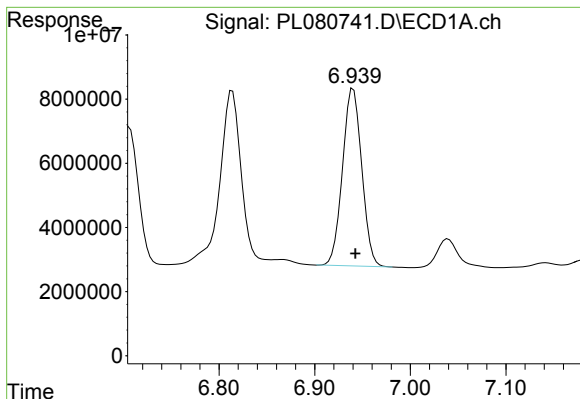
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 61961550
Conc: 37.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 60607134
Conc: 33.19 ng/ml



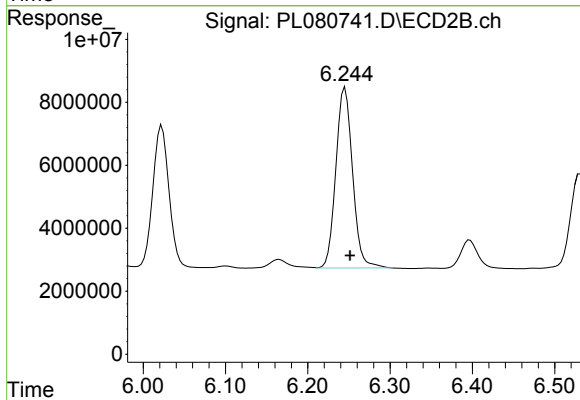
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 77585121
Conc: 37.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

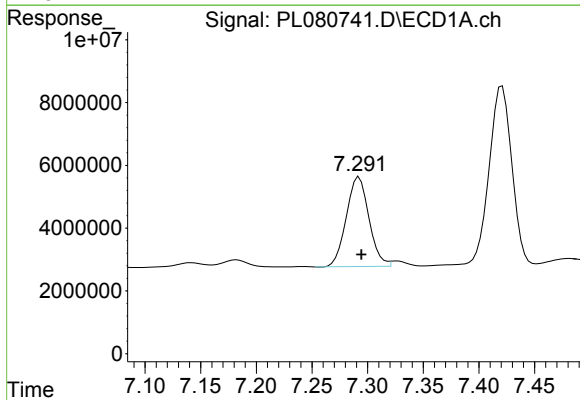
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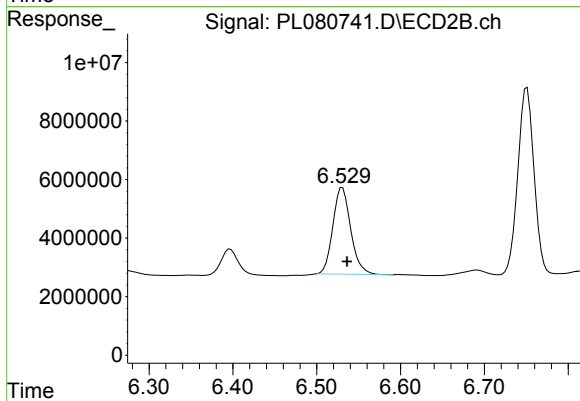
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 80793579
Conc: 34.74 ng/ml



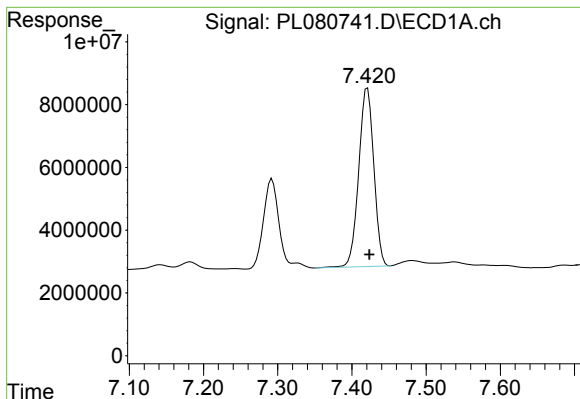
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 40391791
Conc: 36.61 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.006 min
Response: 43635216
Conc: 35.96 ng/ml



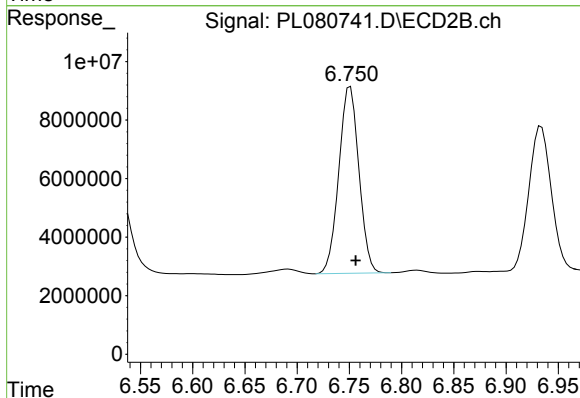
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 80475103
Conc: 36.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

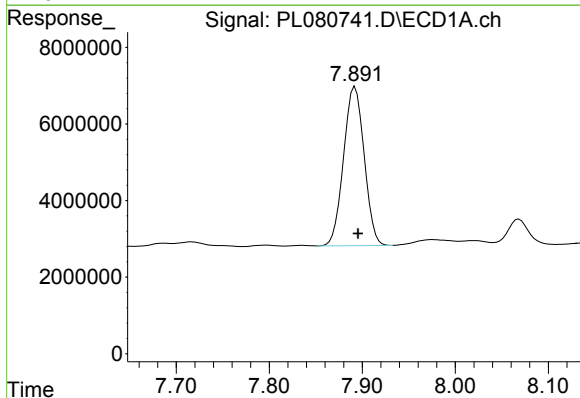
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Supervised By :Ankita Jodhani 02/06/2023



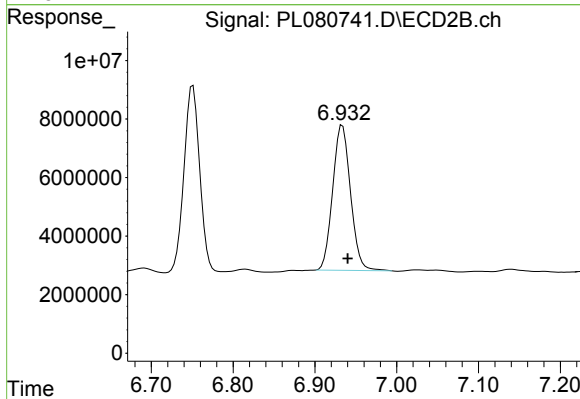
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 85261794
Conc: 33.39 ng/ml



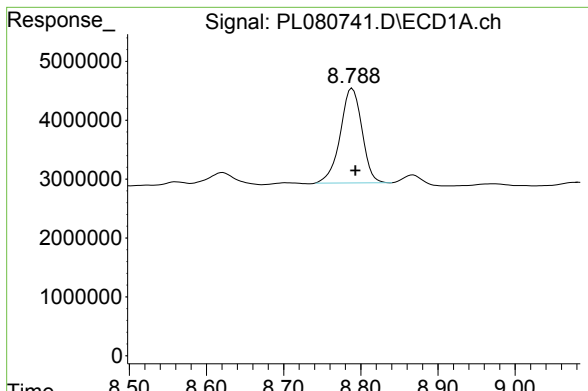
#22 Mirex

R.T.: 7.892 min
Delta R.T.: -0.003 min
Response: 63958705
Conc: 37.19 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 75247547
Conc: 33.05 ng/ml



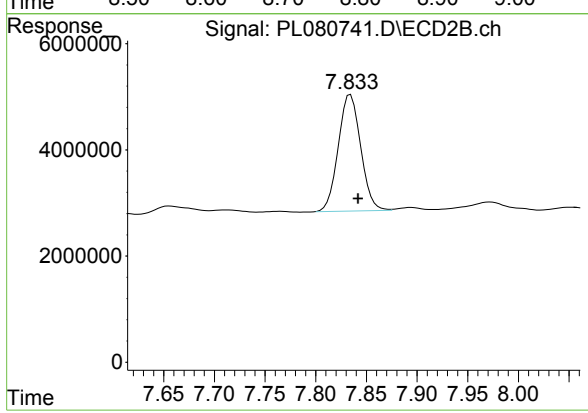
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 31336029
Conc: 17.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/06/2023



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.007 min
Response: 33787073
Conc: 14.18 ng/ml