

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072723\
 Data File : PL084307.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2023 16:59
 Operator : AR\AJ
 Sample : 03738-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 80001MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/28/2023
 Supervised By : Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 21:33:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.476	2.688	35881400	18205069	17.942	16.392
28)	SA Decachlor...	9.025	7.870	26774256	21552880	20.569	19.397
Target Compounds							
2)	A alpha-BHC	3.934	3.193	137.0E6	74026080	46.757	46.040
3)	MA gamma-BHC...	4.269	3.524	128.0E6	69785539	45.316	45.891
4)	MA Heptachlor	4.859	3.865	144.8E6	67361028	53.274m	57.159
5)	MB Aldrin	5.203	4.145	131.6E6	65901343	45.951	43.706
6)	B beta-BHC	4.467	3.825	58844273	29823158	49.043	45.183
7)	B delta-BHC	4.713	4.054	101.8E6	52060333	38.184	34.417
8)	B Heptachlo...	5.632	4.651	126.9E6	61971458	47.528	48.258
9)	A Endosulfan I	6.018	5.021	109.8E6	59114318	46.378	48.196
10)	B gamma-Chl...	5.889	4.904	120.0E6	64602465	46.460	48.494
11)	B alpha-Chl...	5.970	4.969	116.8E6	63557310	45.942	47.180
12)	B 4,4'-DDE	6.148	5.167	99158462	59807665	49.284	48.689
13)	MA Dieldrin	6.295	5.289	107.1E6	61133282	44.839	46.941
14)	MA Endrin	6.523	5.564	89478529	56386196	46.984m	51.296
15)	B Endosulfa...	6.744	5.861	83114457	52656925	44.344m	45.815
16)	A 4,4'-DDD	6.667	5.724	75240594	51853277	51.235	54.051
17)	MA 4,4'-DDT	6.982	5.976	76524003	52070625	47.984	57.171
18)	B Endrin al...	6.875	6.043	66125570	43259468	45.134	48.123
19)	B Endosulfa...	7.112	6.268	78670952	52807296	45.509	48.049
20)	A Methoxychlor	7.464	6.561	36862936	28523643	47.126	59.518 #
21)	B Endrin ke...	7.596	6.773	82353534	65771290	46.993	50.903
22)	Mirex	8.072	6.954	66034080	49971385	46.147	48.959

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072723\
Data File : PL084307.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2023 16:59
Operator : AR\AJ
Sample : 03738-02MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

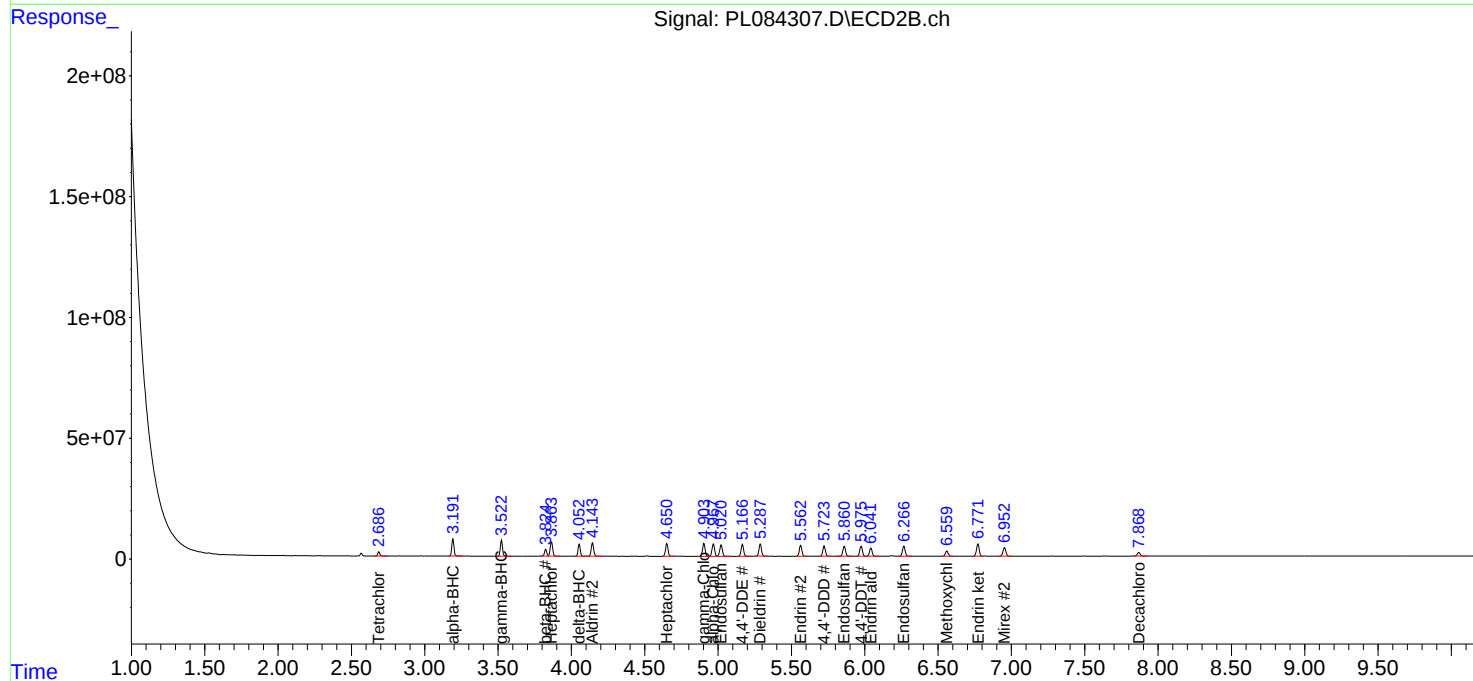
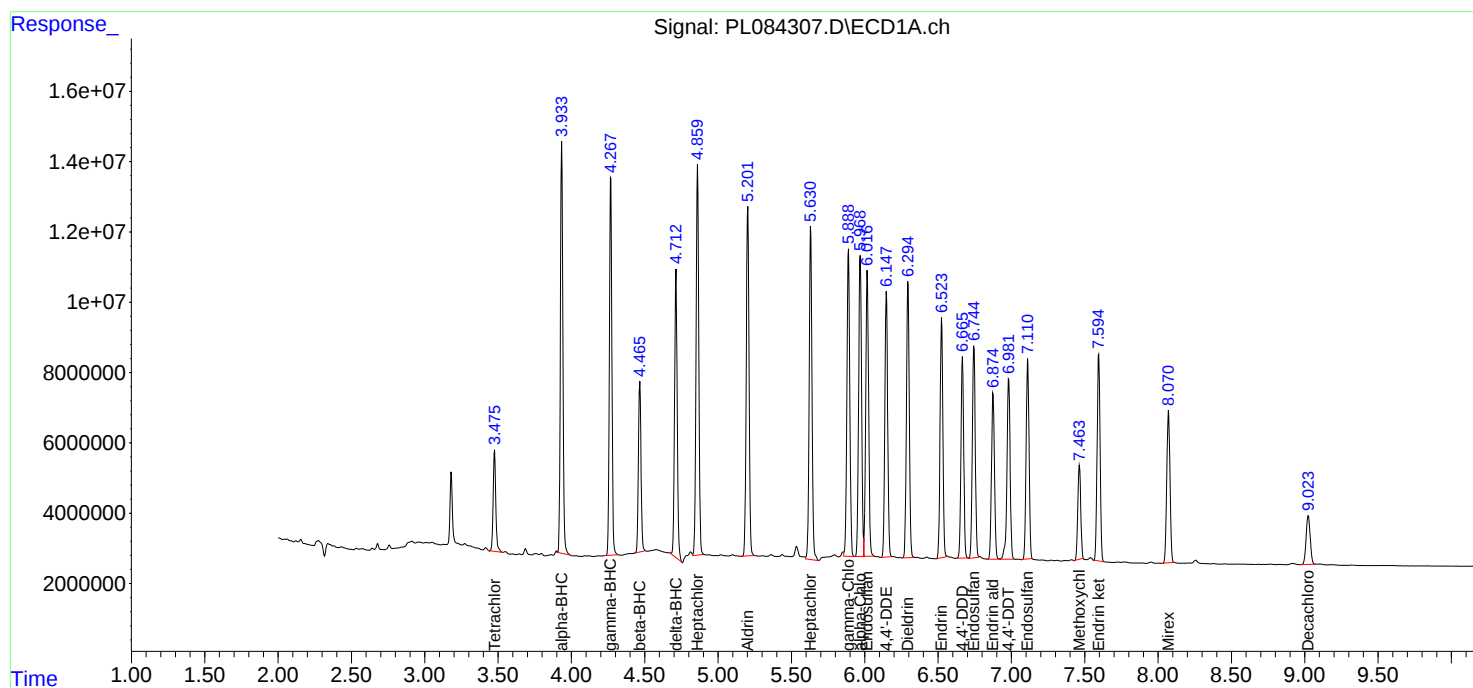
Instrument :
ECD_L
ClientSampleId :
80001MS

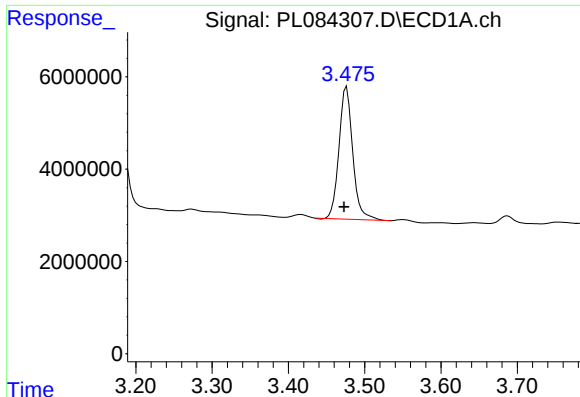
Manual Integrations
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Supervised By :Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 21:33:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 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





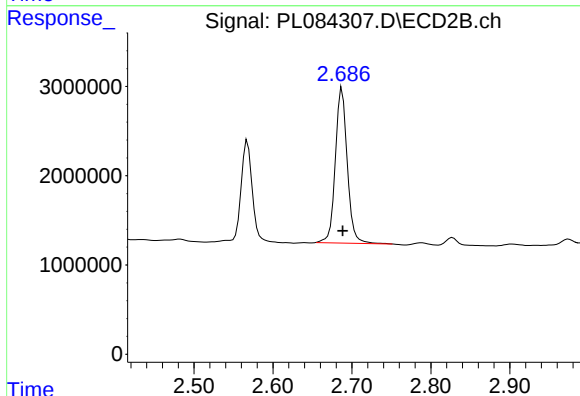
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 35881400
Conc: 17.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

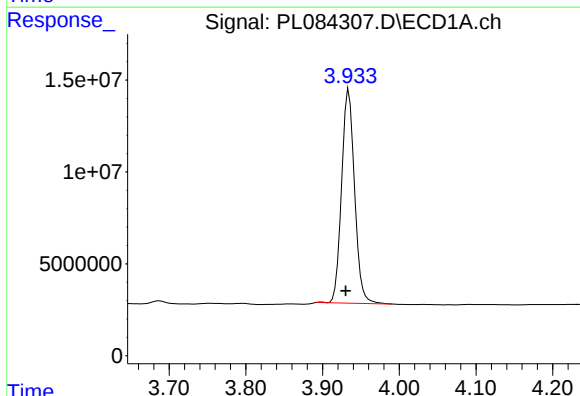
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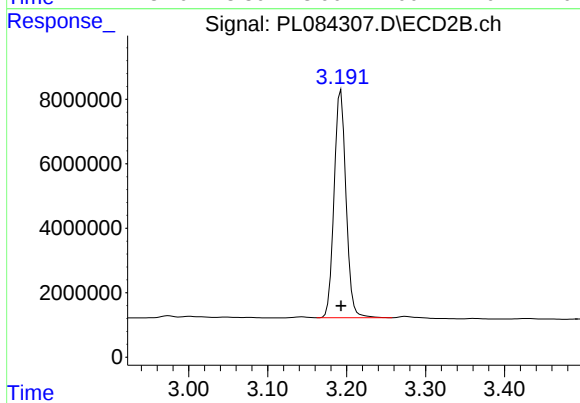
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 18205069
Conc: 16.39 ng/ml



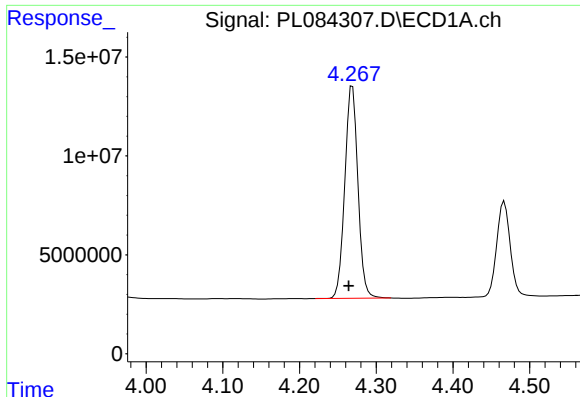
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.004 min
Response: 136990386
Conc: 46.76 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 74026080
Conc: 46.04 ng/ml



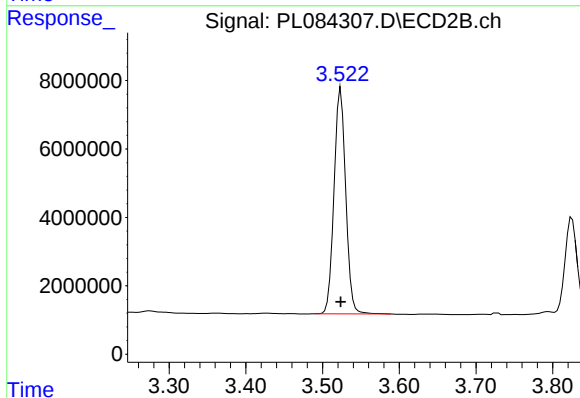
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.005 min
Response: 128032775
Conc: 45.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

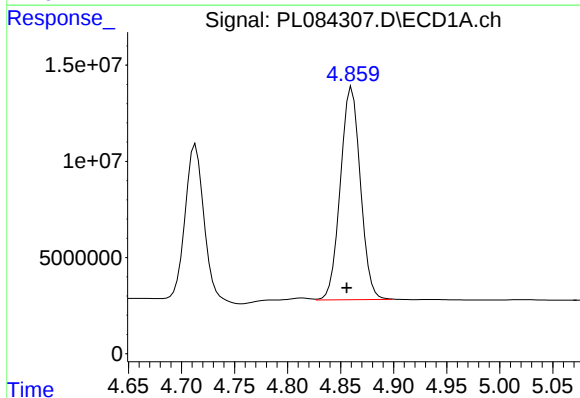
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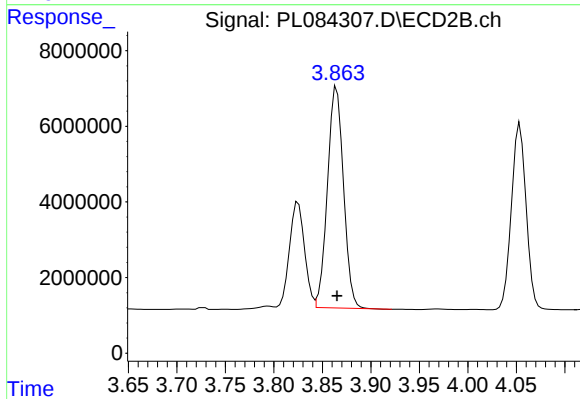
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 69785539
Conc: 45.89 ng/ml



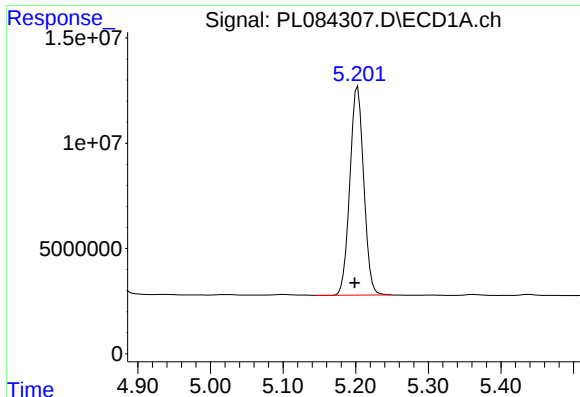
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: 0.003 min
Response: 144776055
Conc: 53.27 ng/ml m



#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 67361028
Conc: 57.16 ng/ml



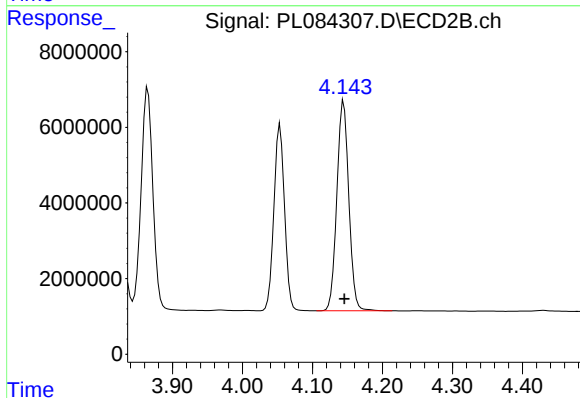
#5 Aldrin

R.T.: 5.203 min
Delta R.T.: 0.004 min
Response: 131613101
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

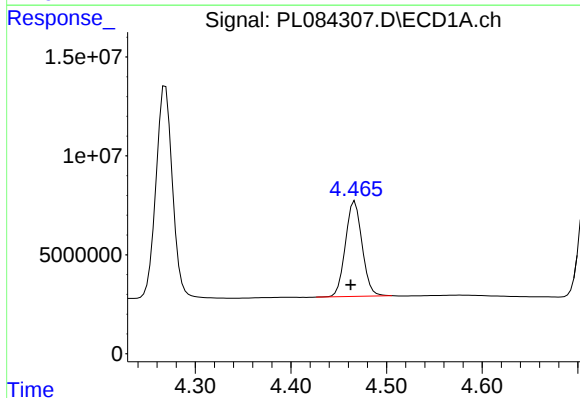
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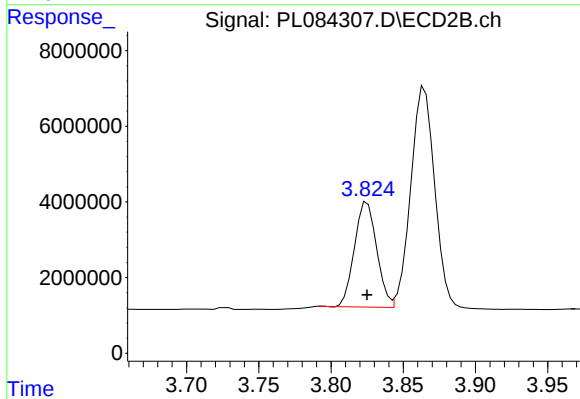
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 65901343
Conc: 43.71 ng/ml



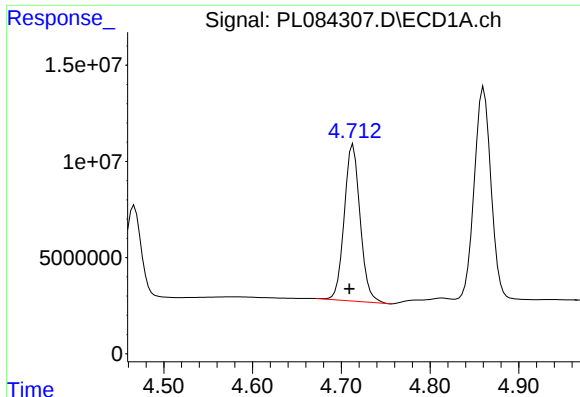
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.004 min
Response: 58844273
Conc: 49.04 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 29823158
Conc: 45.18 ng/ml



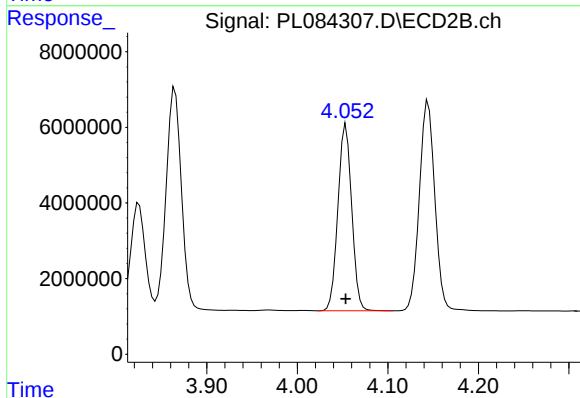
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: 0.004 min
Response: 101789116
Conc: 38.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

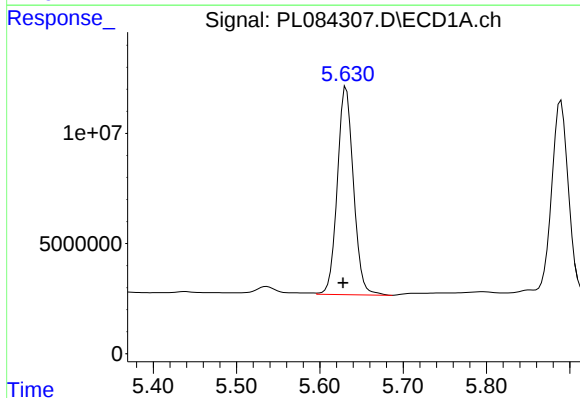
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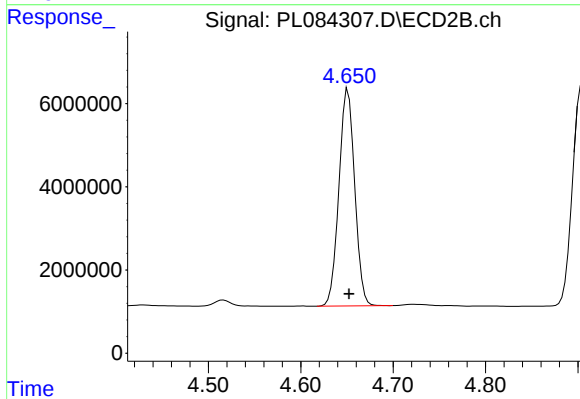
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 52060333
Conc: 34.42 ng/ml



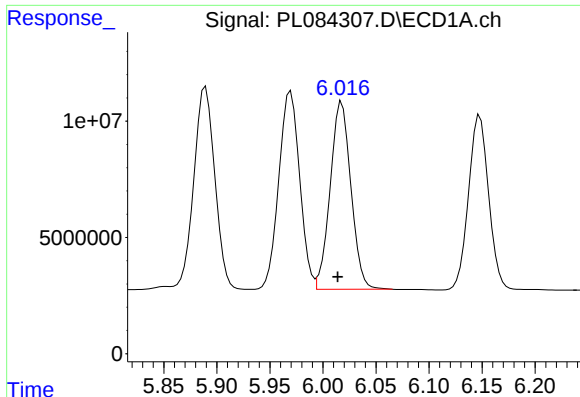
#8 Heptachlor epoxide

R.T.: 5.632 min
Delta R.T.: 0.004 min
Response: 126880011
Conc: 47.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 61971458
Conc: 48.26 ng/ml



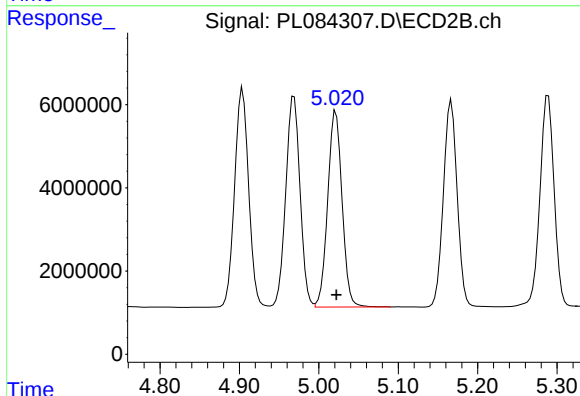
#9 Endosulfan I

R.T.: 6.018 min
Delta R.T.: 0.004 min
Response: 109833279
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

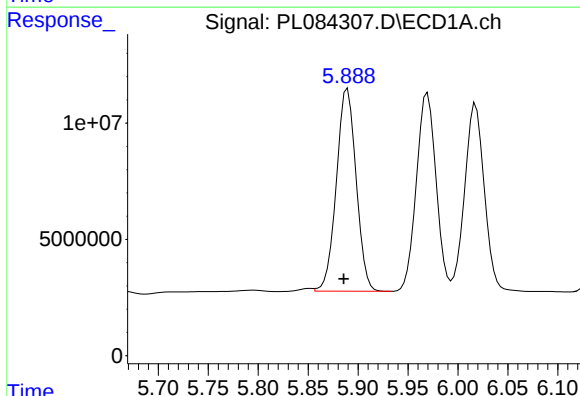
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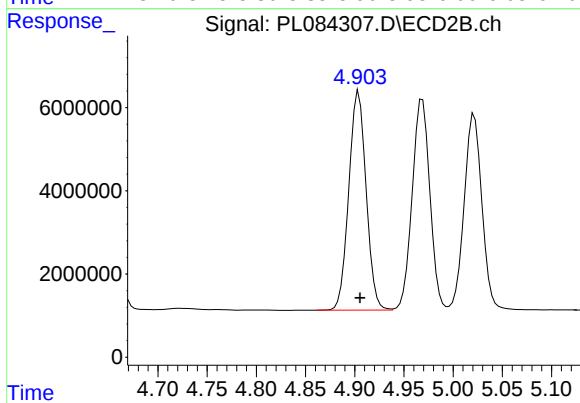
#9 Endosulfan I

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 59114318
Conc: 48.20 ng/ml



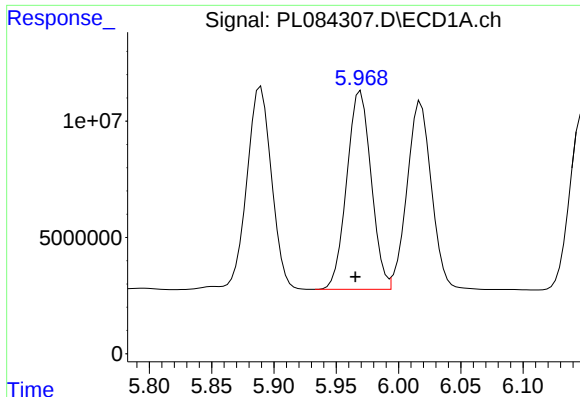
#10 gamma-Chlordane

R.T.: 5.889 min
Delta R.T.: 0.004 min
Response: 119957826
Conc: 46.46 ng/ml



#10 gamma-Chlordane

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 64602465
Conc: 48.49 ng/ml



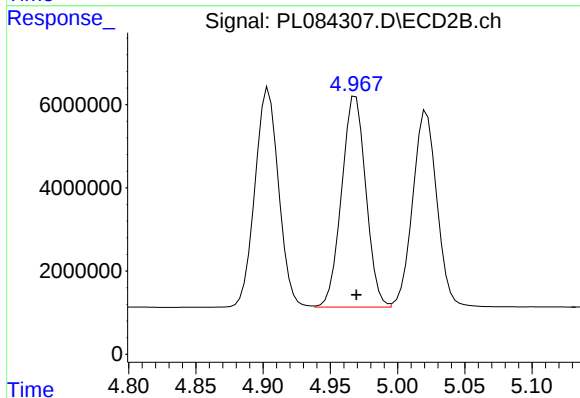
#11 alpha-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.004 min
Response: 116787985
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

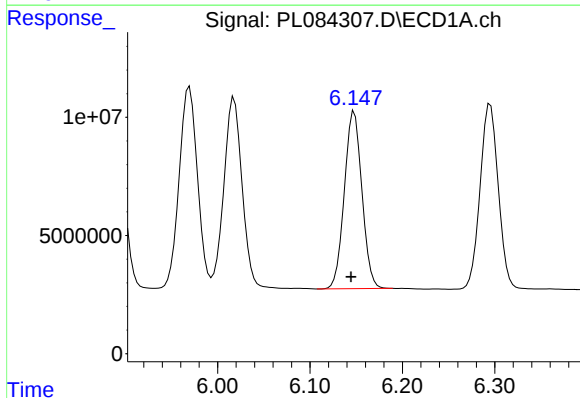
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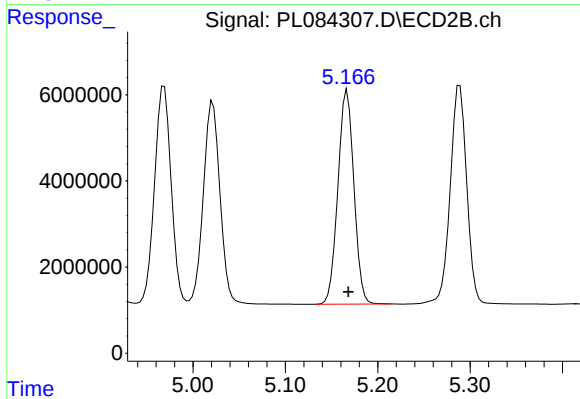
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 63557310
Conc: 47.18 ng/ml



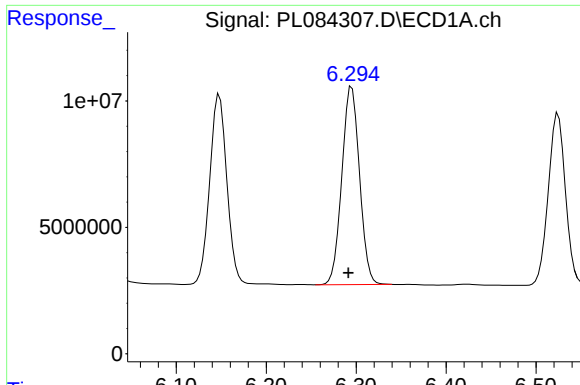
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.003 min
Response: 99158462
Conc: 49.28 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 59807665
Conc: 48.69 ng/ml



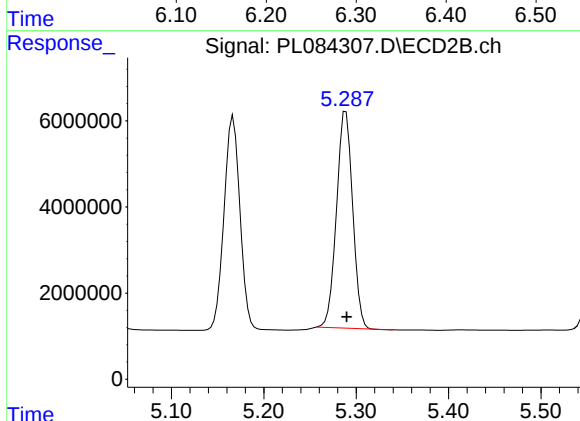
#13 Dieldrin

R.T.: 6.295 min
Delta R.T.: 0.004 min
Response: 107145196
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

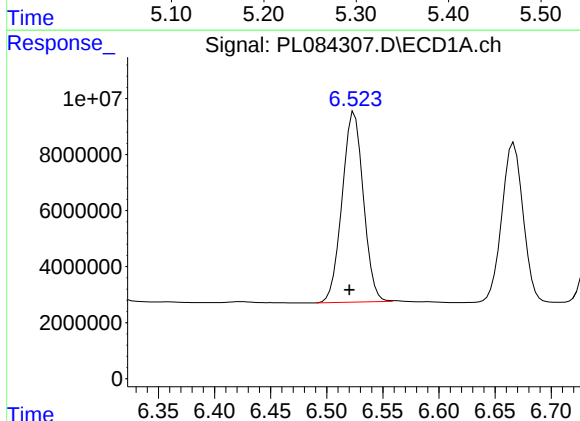
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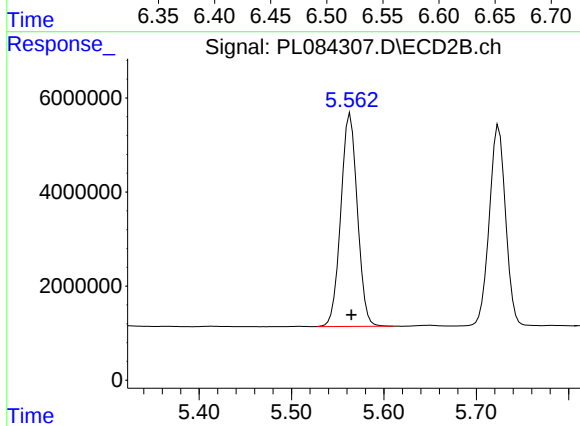
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 61133282
Conc: 46.94 ng/ml



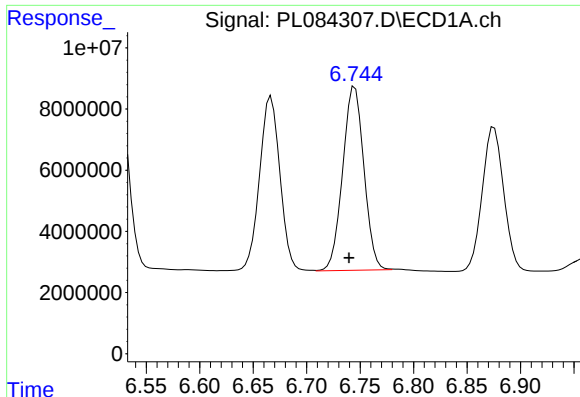
#14 Endrin

R.T.: 6.523 min
Delta R.T.: 0.003 min
Response: 89478529
Conc: 46.98 ng/ml m



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 56386196
Conc: 51.30 ng/ml



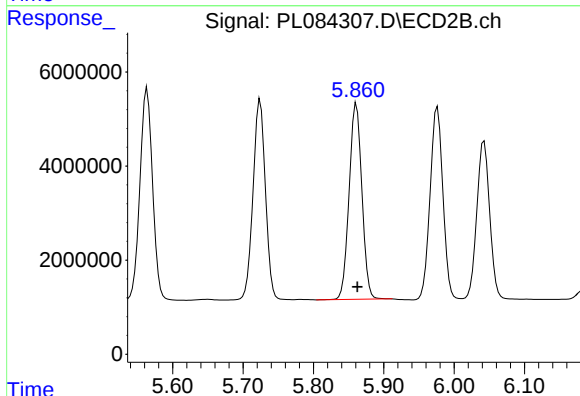
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: 0.004 min
Response: 83114457
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

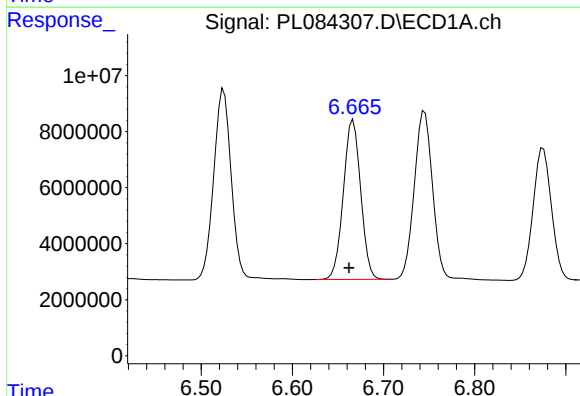
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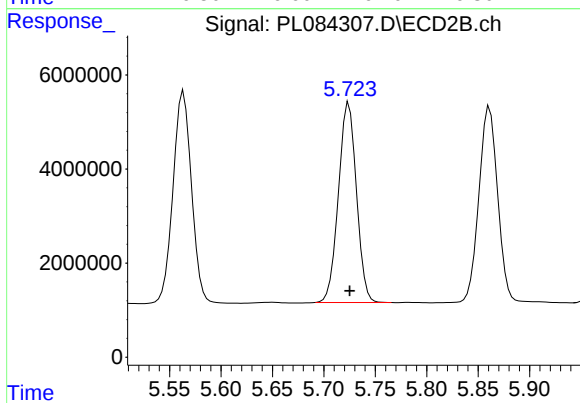
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: -0.001 min
Response: 52656925
Conc: 45.81 ng/ml



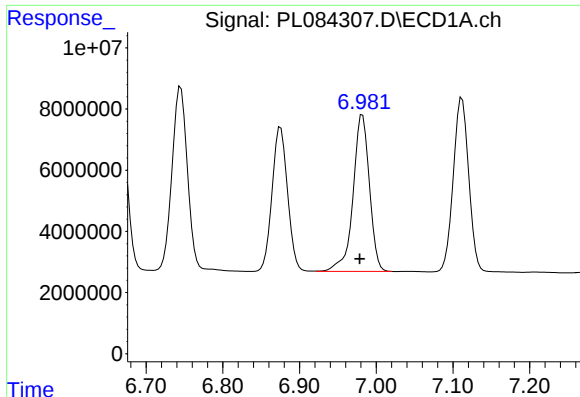
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.005 min
Response: 75240594
Conc: 51.24 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: 0.000 min
Response: 51853277
Conc: 54.05 ng/ml



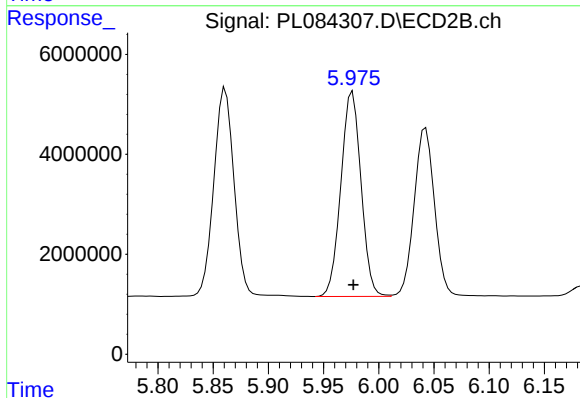
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.004 min
Response: 76524003
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

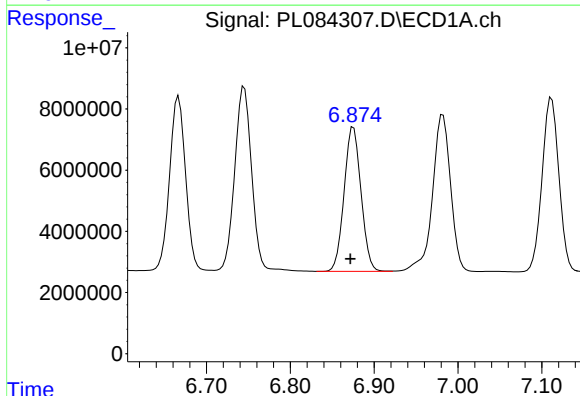
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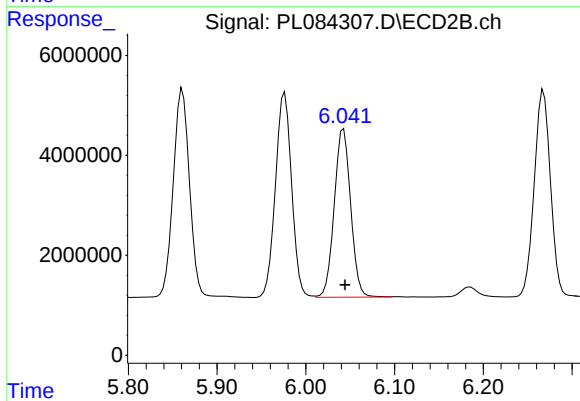
#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 52070625
Conc: 57.17 ng/ml



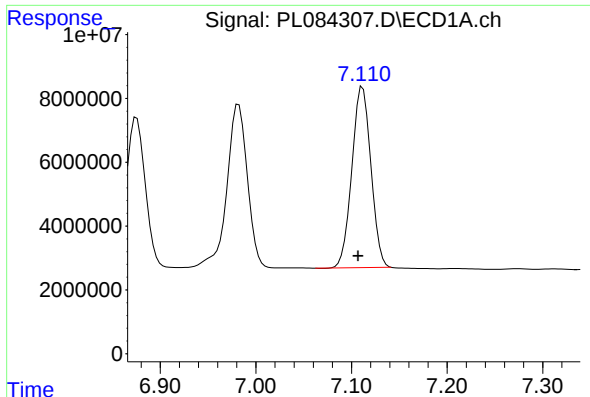
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.004 min
Response: 66125570
Conc: 45.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 43259468
Conc: 48.12 ng/ml



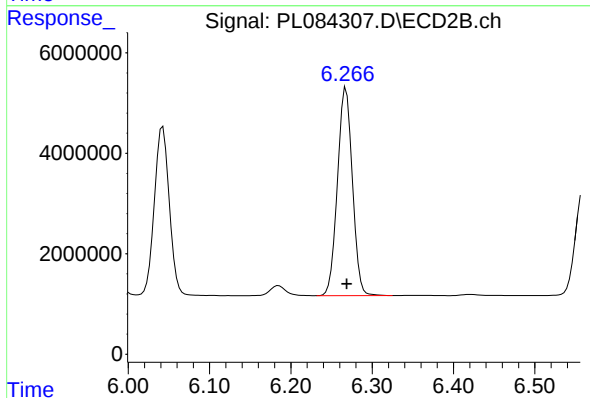
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.005 min
Response: 78670952
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

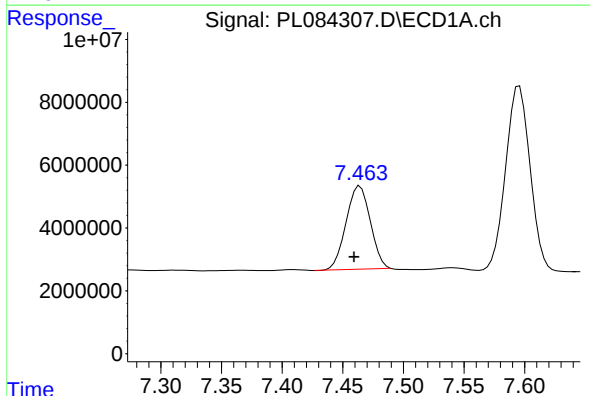
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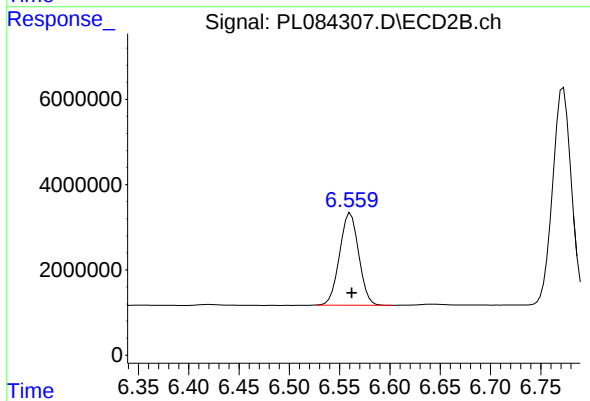
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 52807296
Conc: 48.05 ng/ml



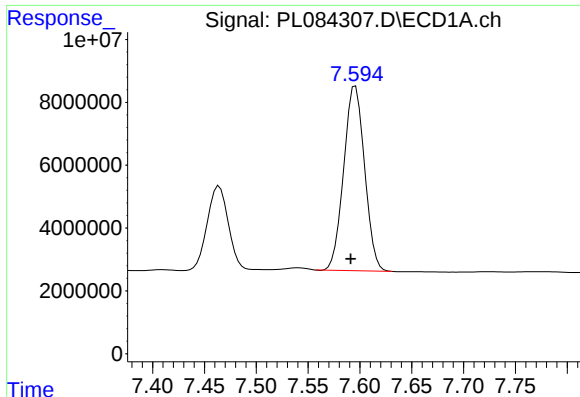
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.005 min
Response: 36862936
Conc: 47.13 ng/ml



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 28523643
Conc: 59.52 ng/ml



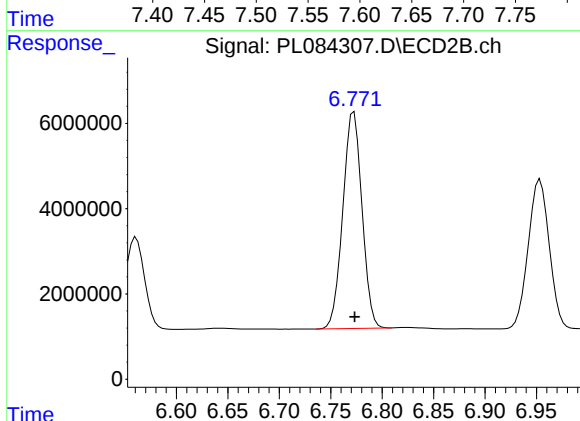
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.005 min
Response: 82353534
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

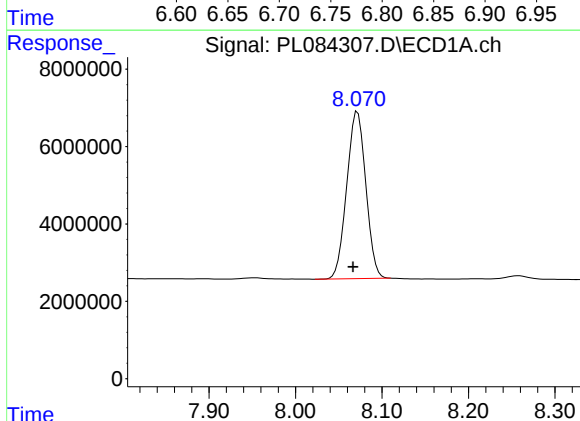
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023



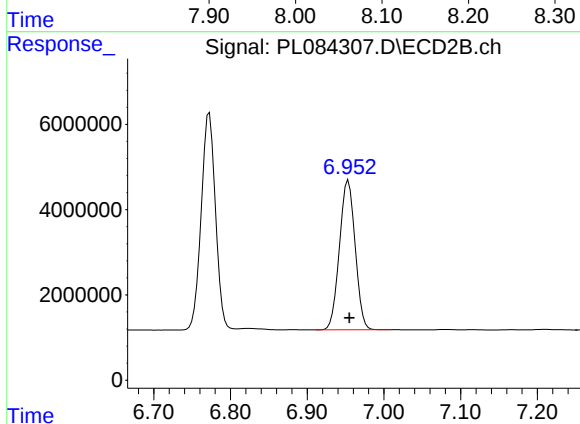
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 65771290
Conc: 50.90 ng/ml



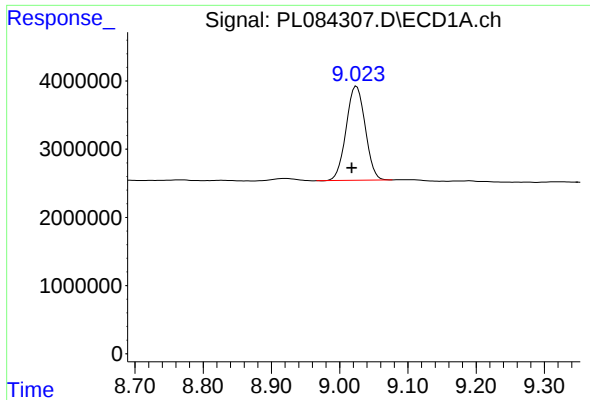
#22 Mirex

R.T.: 8.072 min
Delta R.T.: 0.005 min
Response: 66034080
Conc: 46.15 ng/ml



#22 Mirex

R.T.: 6.954 min
Delta R.T.: -0.002 min
Response: 49971385
Conc: 48.96 ng/ml



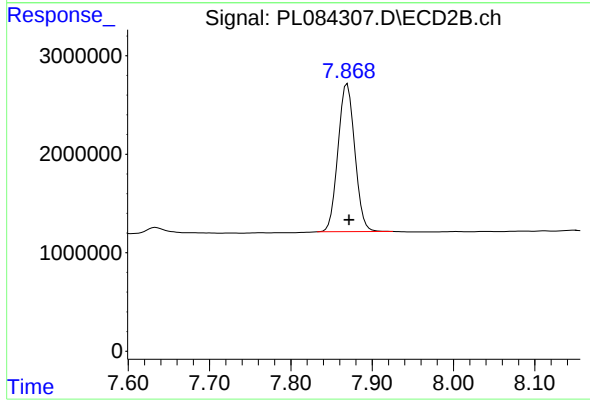
#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.007 min
Response: 26774256
Conc: 20.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MS

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#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.002 min
Response: 21552880
Conc: 19.40 ng/ml