

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072123\
 Data File : PL084075.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2023 17:50
 Operator : AR\AJ
 Sample : 03657-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BERGENSWITCH-COMP2MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/20/2023
 Supervised By : Ankita Jodhani 07/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 18:27:17 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	36826877	17882593	18.415	16.102
28)	SA Decachlor...	9.023	7.870	25191051	19692417	19.353	17.723
Target Compounds							
2)	A alpha-BHC	3.934	3.193	167.9E6	83822667	57.308	52.133
3)	MA gamma-BHC...	4.268	3.524	154.9E6	78031575	54.817	51.313
4)	MA Heptachlor	4.859	3.866	176.0E6	74868246	64.748	63.529
5)	MB Aldrin	5.202	4.145	163.3E6	75436954	57.017	50.030
6)	B beta-BHC	4.467	3.825	70718742	34345694	58.940	52.034
7)	B delta-BHC	4.713	4.054	160.1E6	77859572	60.042	51.473
8)	B Heptachlo...	5.632	4.652	149.1E6	68110223	55.855	53.038
9)	A Endosulfan I	6.017	5.022	131.9E6	64563040	55.691	52.639
10)	B gamma-Chl...	5.889	4.905	144.6E6	70920985	55.987	53.237
11)	B alpha-Chl...	5.969	4.969	140.9E6	70307013	55.439	52.190
12)	B 4,4'-DDE	6.147	5.167	119.6E6	65510182	59.424	53.332
13)	MA Dieldrin	6.294	5.289	128.7E6	68521264	53.843	52.614
14)	MA Endrin	6.523	5.564	106.8E6	62025431	56.068	56.426
15)	B Endosulfa...	6.745	5.861	95385948	58319721	50.891	50.742
16)	A 4,4'-DDD	6.666	5.725	89009158	53907486	60.611	56.192
17)	MA 4,4'-DDT	6.981	5.977	93873851	58215481	58.863	63.917
18)	B Endrin al...	6.875	6.043	78913367	47240816	53.862	52.552
19)	B Endosulfa...	7.111	6.266	95498882	57373070	55.243	52.204m
20)	A Methoxychlor	7.462	6.561	46068578	31779619	58.895	66.312
21)	B Endrin ke...	7.595	6.773	92681441	71504064	52.886	55.340
22)	Mirex	8.070	6.953	77799992	55715022	54.369	54.587

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071223\
Data File : PL084075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2023 17:50
Operator : AR\AJ
Sample : 03657-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

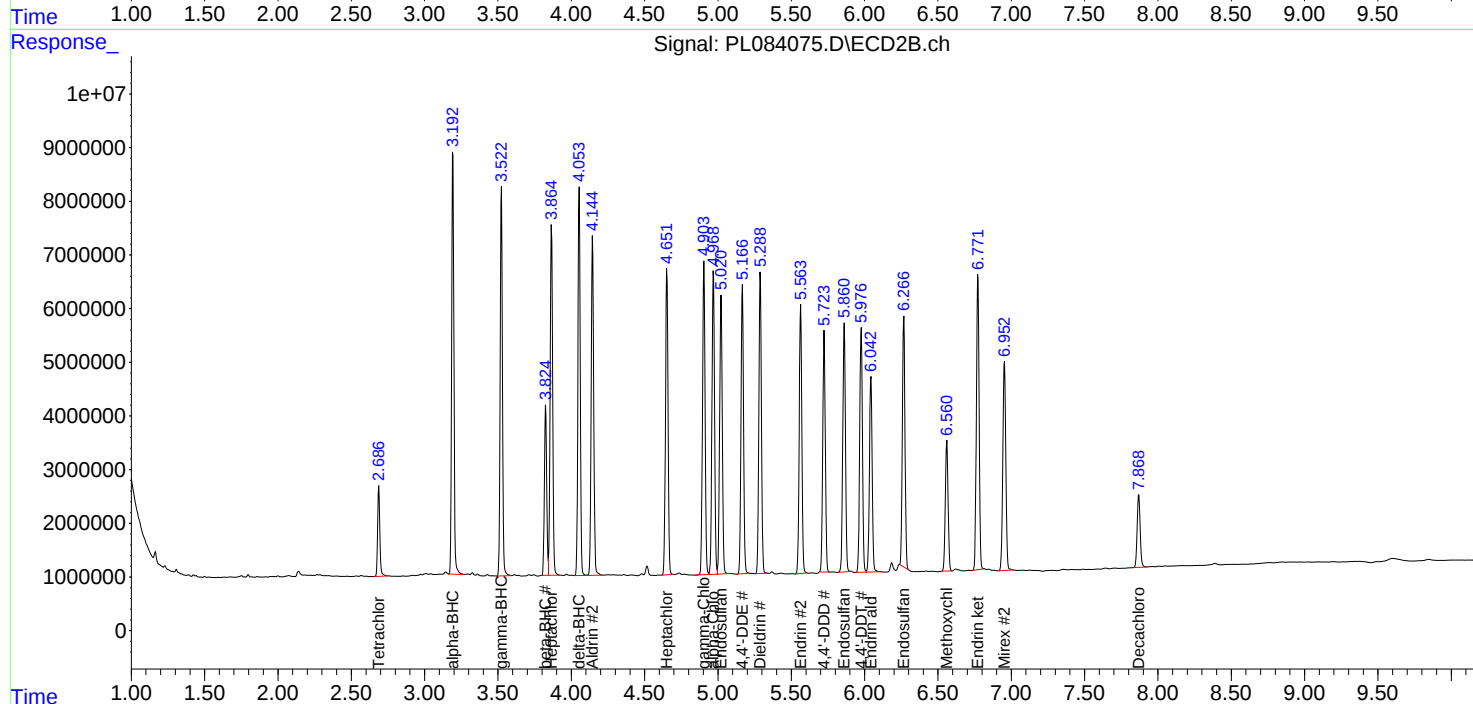
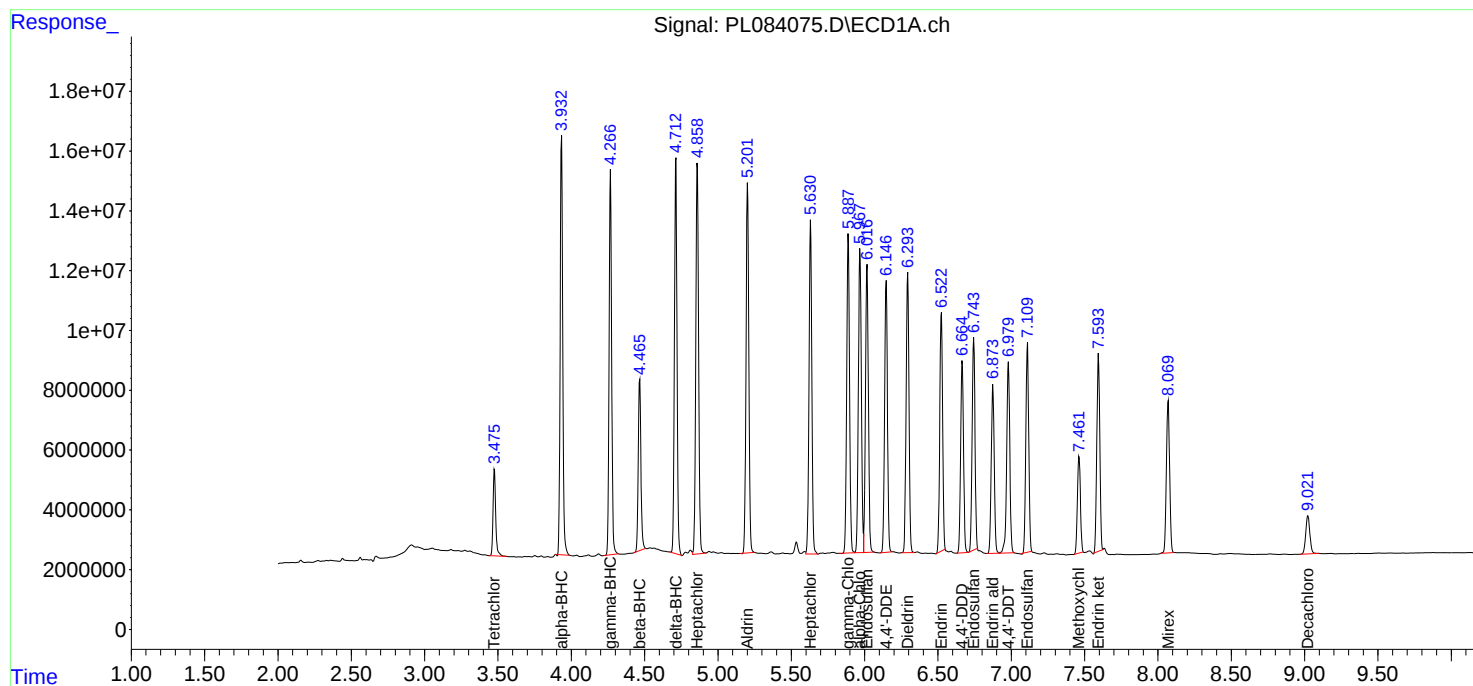
Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

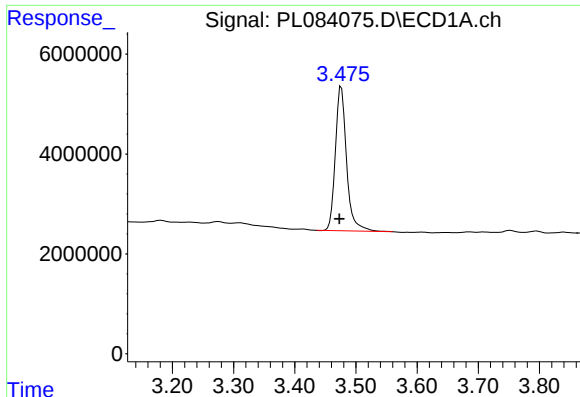
Manual Integrations
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Reviewed By :Abdul Mirza 07/20/2023
Supervised By :Ankita Jodhani 07/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 18:27:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 2023
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





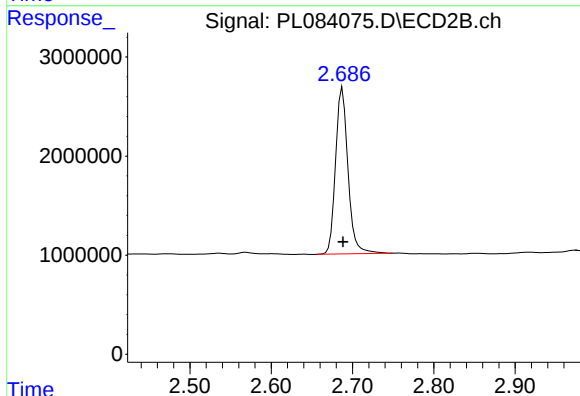
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 36826877
Conc: 18.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

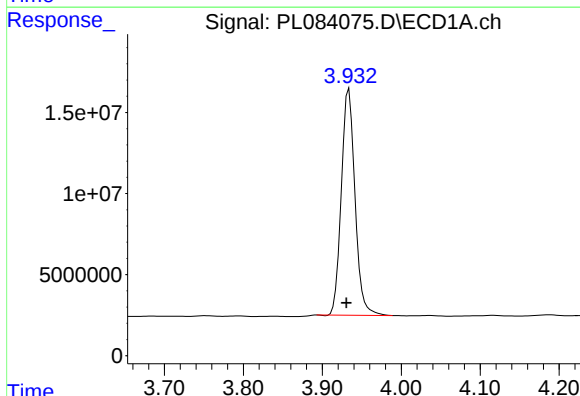
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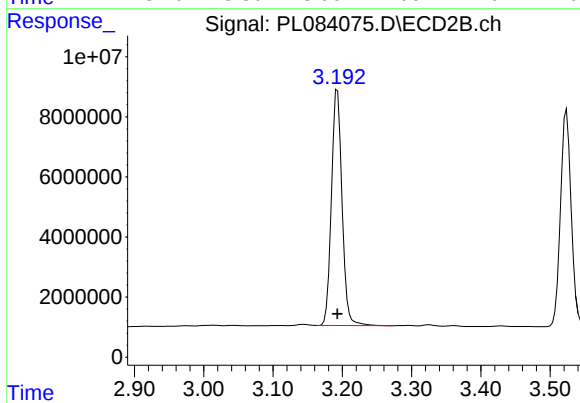
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 17882593
Conc: 16.10 ng/ml



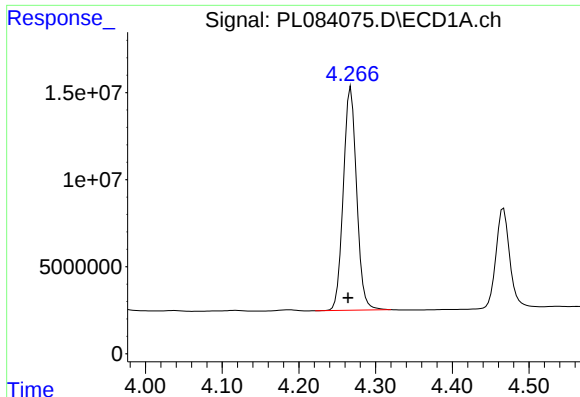
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.003 min
Response: 167902120
Conc: 57.31 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 83822667
Conc: 52.13 ng/ml



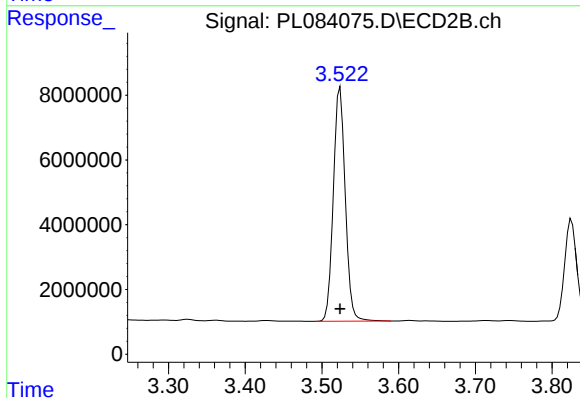
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 154876214
Conc: 54.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

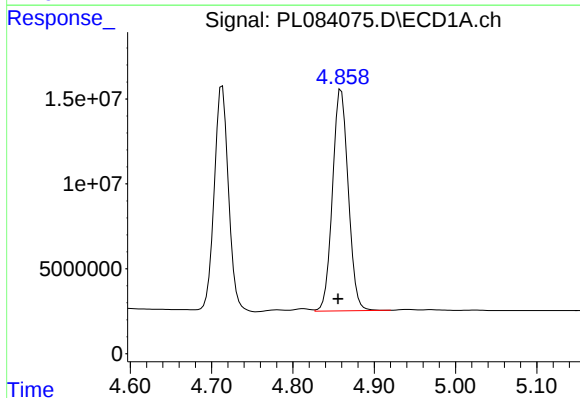
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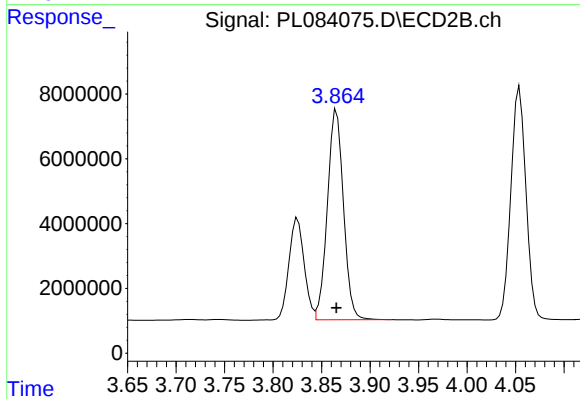
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 78031575
Conc: 51.31 ng/ml



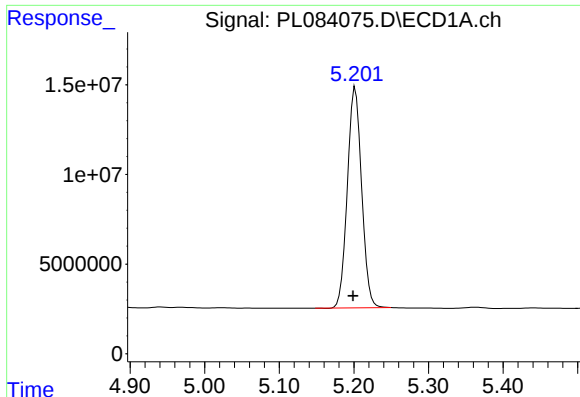
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: 0.004 min
Response: 175958840
Conc: 64.75 ng/ml



#4 Heptachlor

R.T.: 3.866 min
Delta R.T.: 0.000 min
Response: 74868246
Conc: 63.53 ng/ml



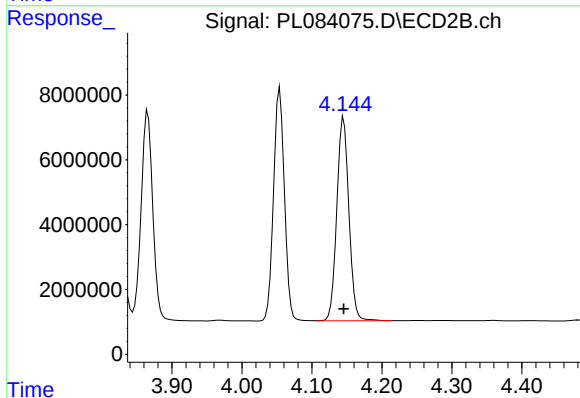
#5 Aldrin

R.T.: 5.202 min
Delta R.T.: 0.003 min
Response: 163308761
Conc: 57.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

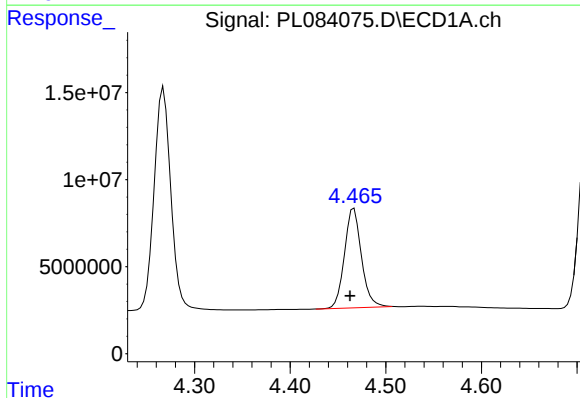
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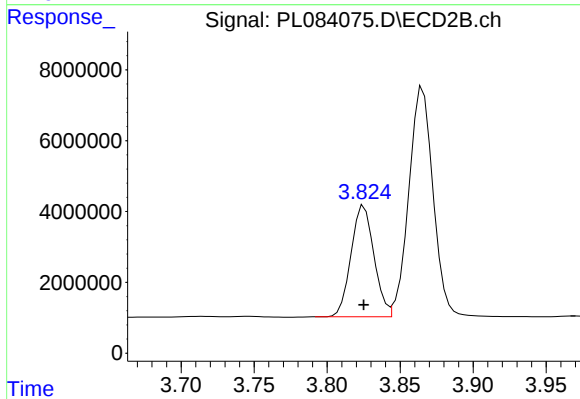
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 75436954
Conc: 50.03 ng/ml



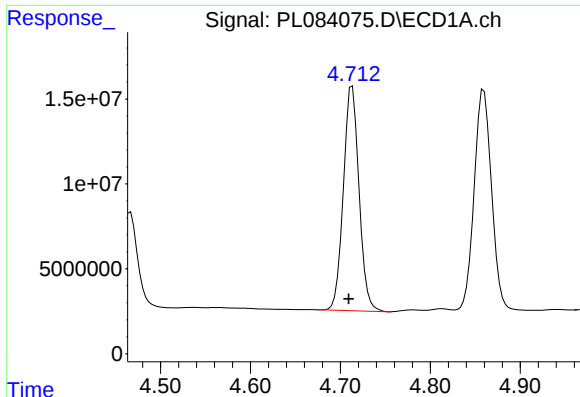
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.004 min
Response: 70718742
Conc: 58.94 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 34345694
Conc: 52.03 ng/ml



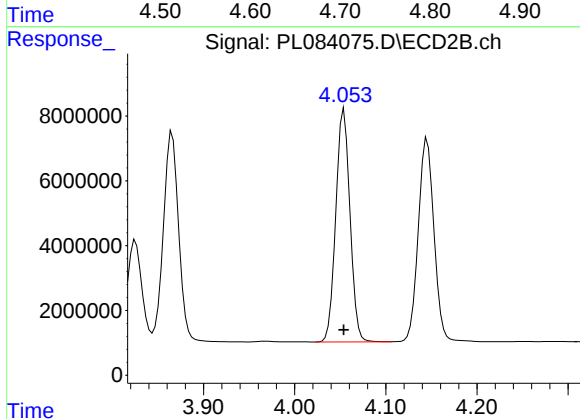
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: 0.004 min
Response: 160057904
Conc: 60.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

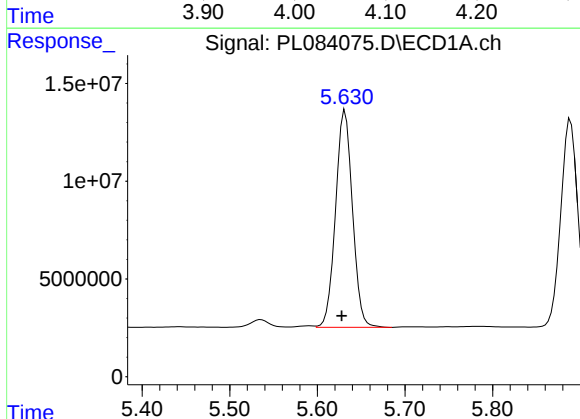
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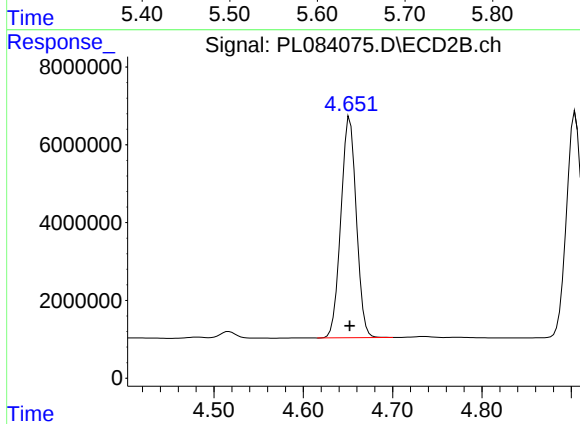
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 77859572
Conc: 51.47 ng/ml



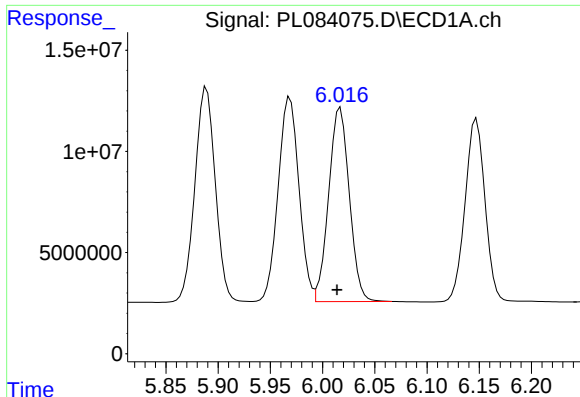
#8 Heptachlor epoxide

R.T.: 5.632 min
Delta R.T.: 0.004 min
Response: 149109352
Conc: 55.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 68110223
Conc: 53.04 ng/ml



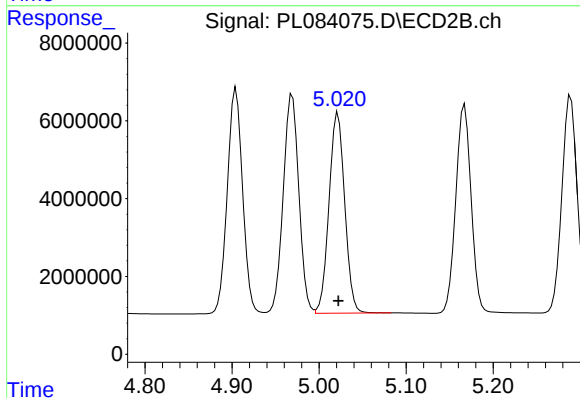
#9 Endosulfan I

R.T.: 6.017 min
Delta R.T.: 0.003 min
Response: 131887007
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

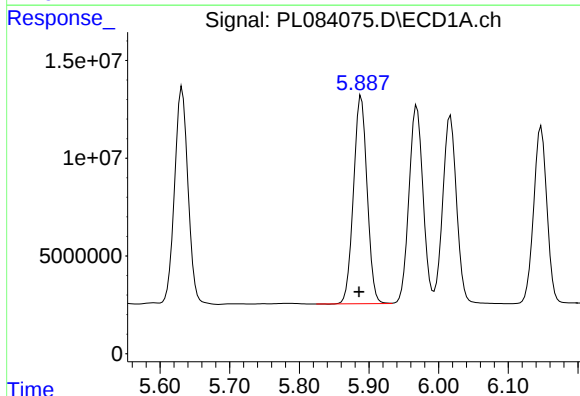
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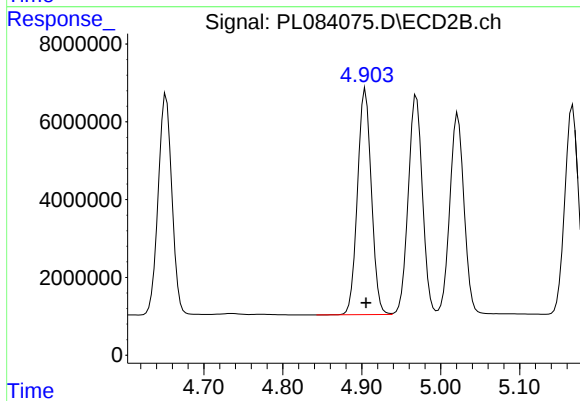
#9 Endosulfan I

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 64563040
Conc: 52.64 ng/ml



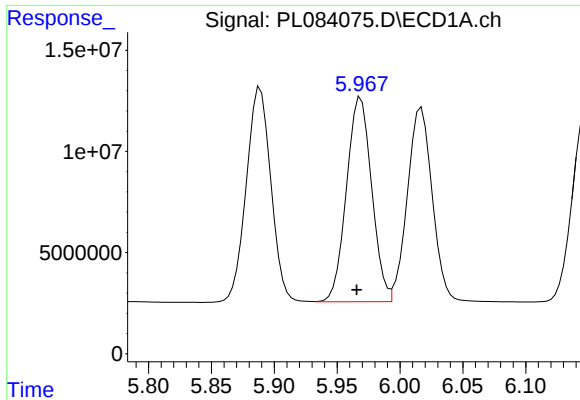
#10 gamma-Chlordane

R.T.: 5.889 min
Delta R.T.: 0.003 min
Response: 144554227
Conc: 55.99 ng/ml



#10 gamma-Chlordane

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 70920985
Conc: 53.24 ng/ml



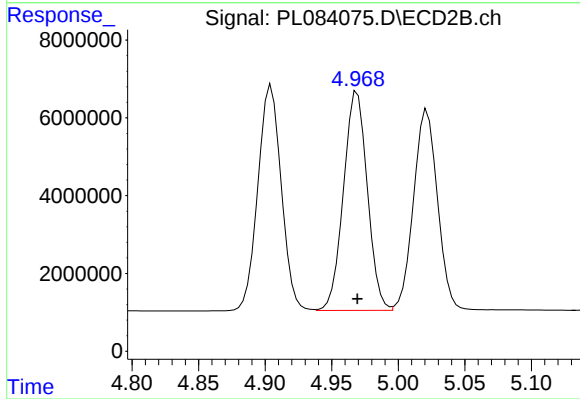
#11 alpha-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.003 min
Response: 140930361
Conc: 55.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

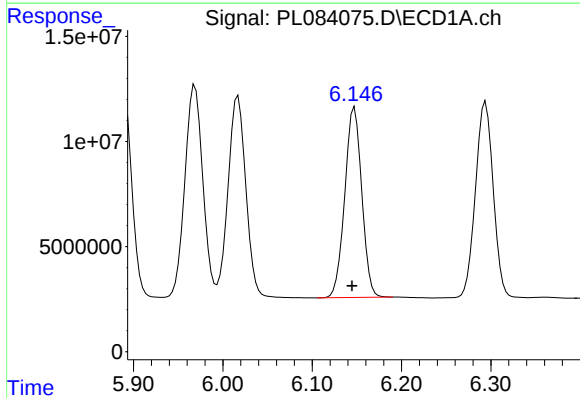
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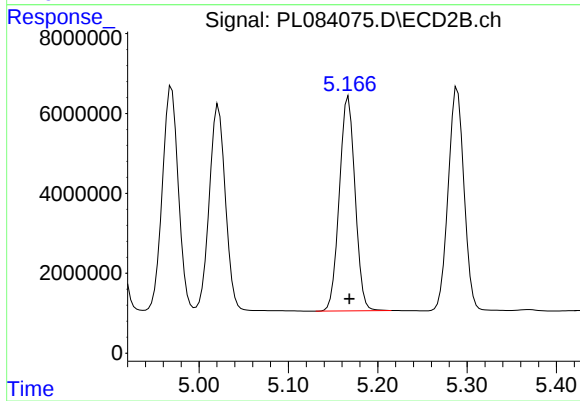
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 70307013
Conc: 52.19 ng/ml



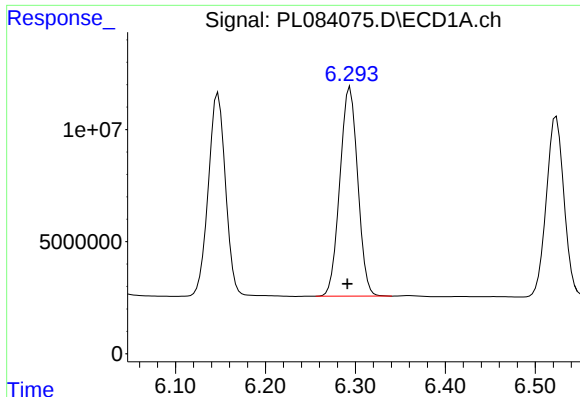
#12 4,4'-DDE

R.T.: 6.147 min
Delta R.T.: 0.003 min
Response: 119560247
Conc: 59.42 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 65510182
Conc: 53.33 ng/ml



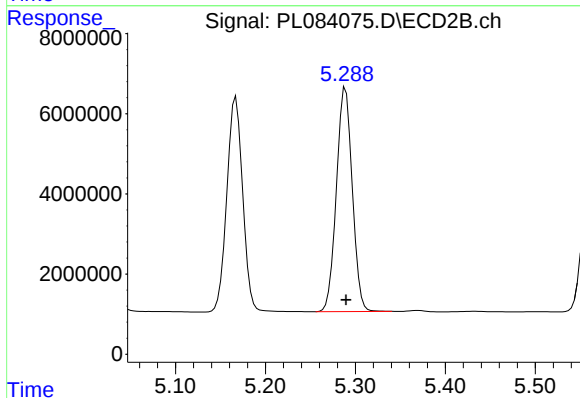
#13 Dieldrin

R.T.: 6.294 min
Delta R.T.: 0.003 min
Response: 128662302
Conc: 53.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

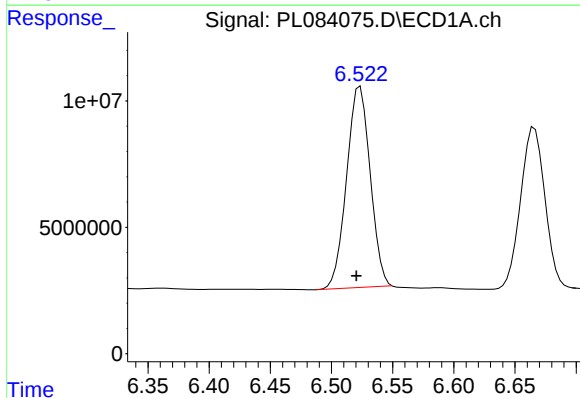
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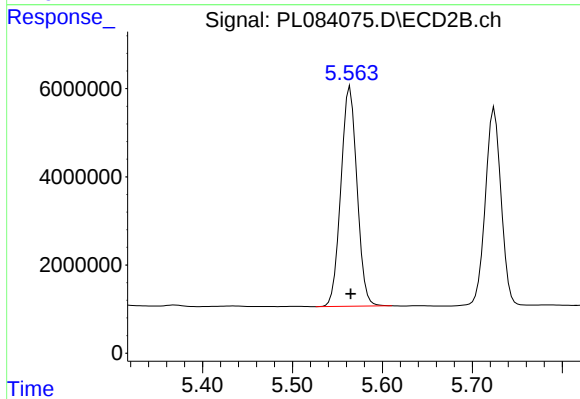
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 68521264
Conc: 52.61 ng/ml



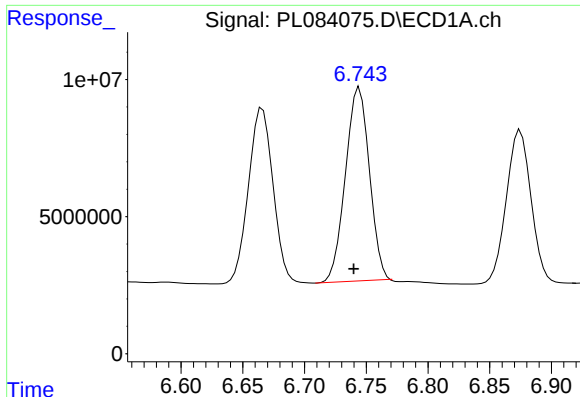
#14 Endrin

R.T.: 6.523 min
Delta R.T.: 0.003 min
Response: 106776516
Conc: 56.07 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 62025431
Conc: 56.43 ng/ml



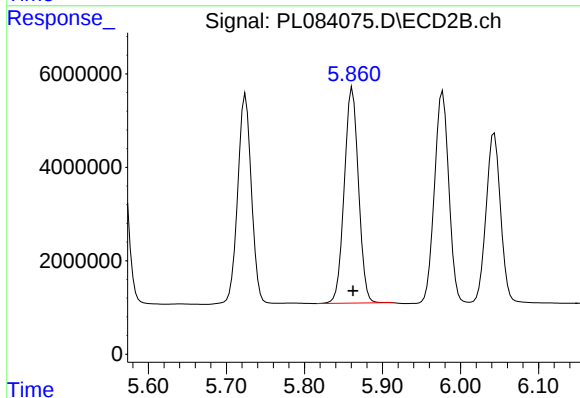
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.005 min
Response: 95385948
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
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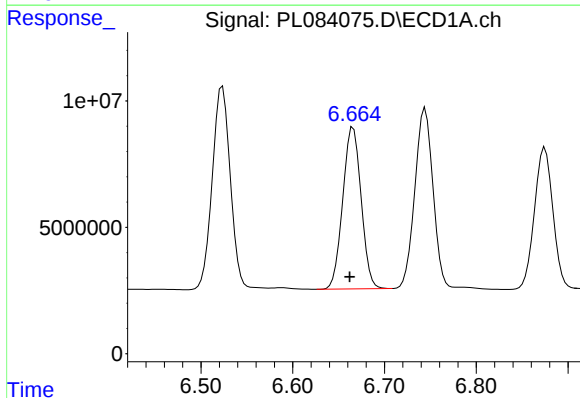
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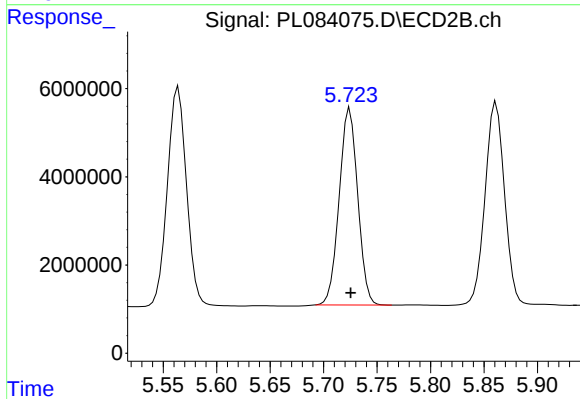
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 58319721
Conc: 50.74 ng/ml



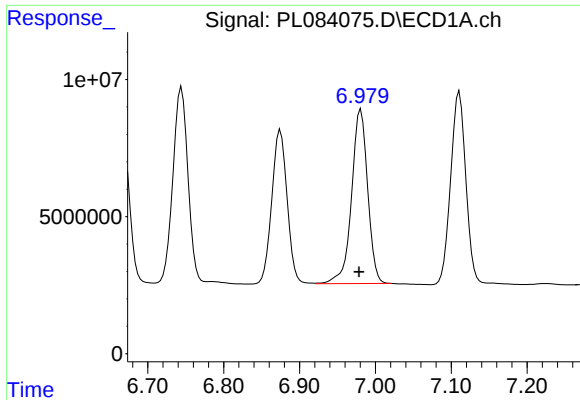
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.004 min
Response: 89009158
Conc: 60.61 ng/ml



#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 53907486
Conc: 56.19 ng/ml



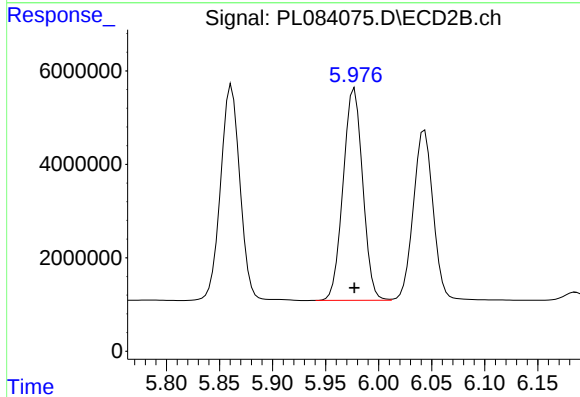
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.003 min
Response: 93873851
Conc: 58.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

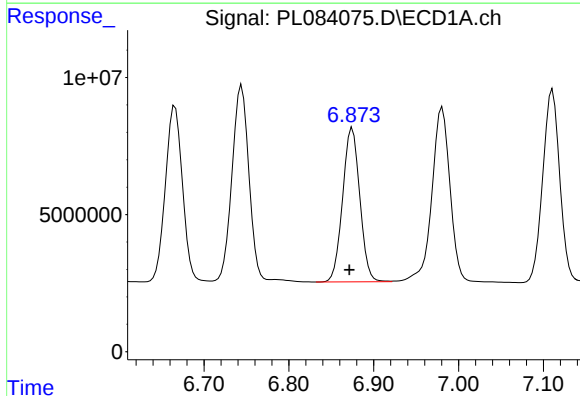
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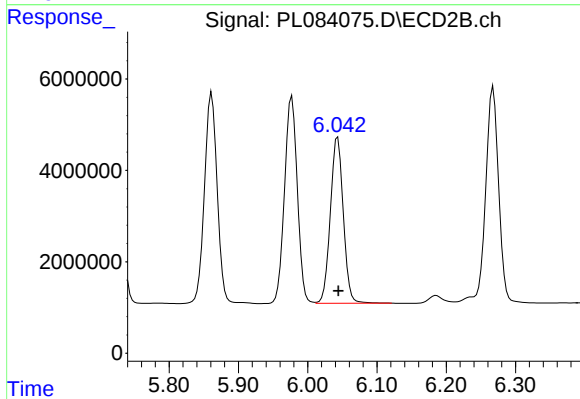
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 58215481
Conc: 63.92 ng/ml



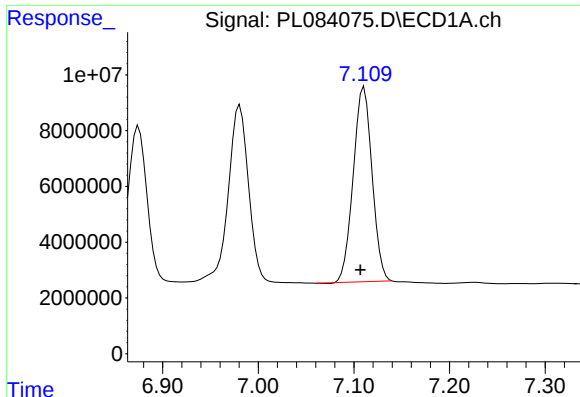
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.003 min
Response: 78913367
Conc: 53.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 47240816
Conc: 52.55 ng/ml



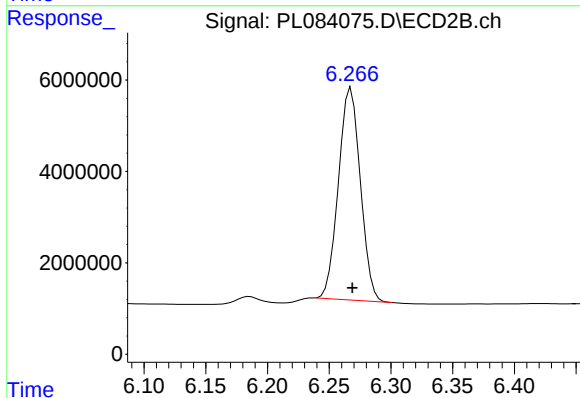
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: 0.004 min
Response: 95498882
Conc: 55.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

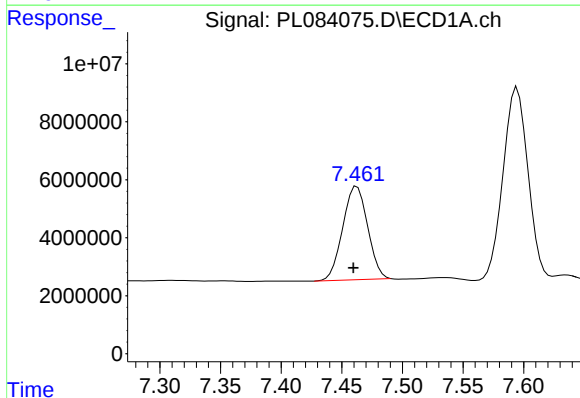
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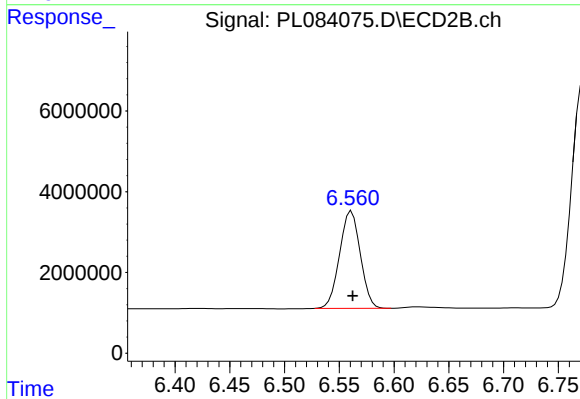
#19 Endosulfan Sulfate

R.T.: 6.266 min
Delta R.T.: -0.003 min
Response: 57373070
Conc: 52.20 ng/ml m



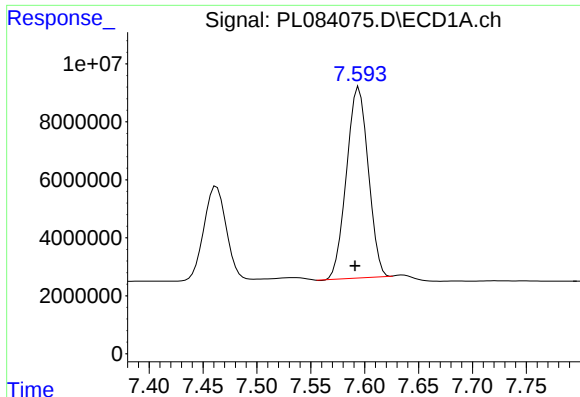
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 46068578
Conc: 58.89 ng/ml



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 31779619
Conc: 66.31 ng/ml



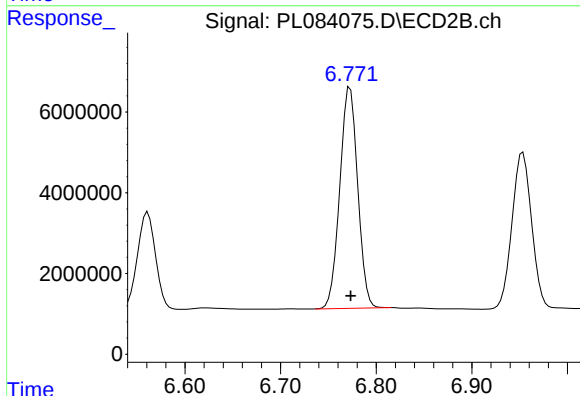
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: 0.004 min
Response: 92681441
Conc: 52.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

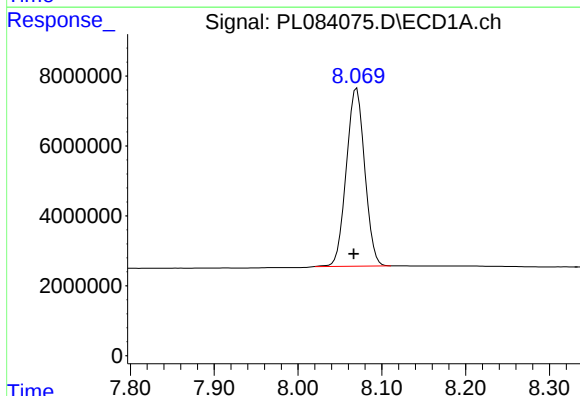
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/20/2023
Supervised By :Ankita Jodhani 07/20/2023



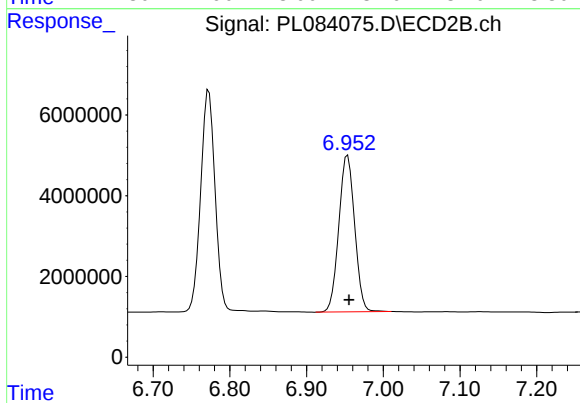
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 71504064
Conc: 55.34 ng/ml



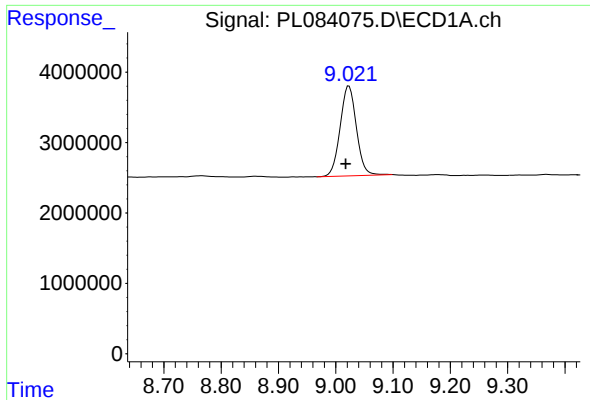
#22 Mirex

R.T.: 8.070 min
Delta R.T.: 0.004 min
Response: 77799992
Conc: 54.37 ng/ml



#22 Mirex

R.T.: 6.953 min
Delta R.T.: -0.002 min
Response: 55715022
Conc: 54.59 ng/ml



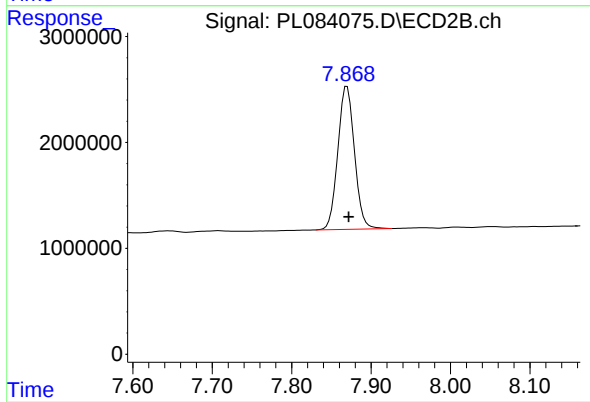
#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.005 min
Response: 25191051
Conc: 19.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
BERGENSWITCH-COMP2MSD

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#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.002 min
Response: 19692417
Conc: 17.72 ng/ml