

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052722\
 Data File : PL075139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2022 22:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/31/2022
 Supervised By : Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 14:06:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.644	4.645	27211053	75670142	53.593	55.132
28)	SA Decachlor...	11.640	10.392	22535133	52807353	50.461	51.448m
Target Compounds							
2)	A alpha-BHC	6.228	5.345	38328087	106.9E6	56.023	63.545m
3)	MA gamma-BHC...	6.626	5.766	36005837	100.4E6	55.780	60.780m
4)	MA Heptachlor	7.281	6.177	35541420	95099907	55.071	62.654
5)	MB Aldrin	7.655	6.500	32480580	89495698	52.432	59.645
6)	B beta-BHC	6.877	6.145	16559534	44217590	55.484	55.692
7)	B delta-BHC	7.148	6.406	34491973	95721165	55.007	61.215
8)	B Heptachlo...	8.122	7.074	31688197	81648151	55.716	58.664
9)	A Endosulfan I	8.531	7.477	27244171	74360090	47.258	59.434 #
10)	B gamma-Chl...	8.393	7.351	29591078	82046071	57.208	59.203
11)	B alpha-Chl...	8.475	7.420	29416078	81090964	48.183	59.986
12)	B 4,4'-DDE	8.660	7.632	25529772	70537797	55.148	59.945
13)	MA Dieldrin	8.822	7.760	27743933	78605184	52.785	61.704m
14)	MA Endrin	9.062	8.052	22501336	63996176	54.527	60.585
15)	B Endosulfa...	9.296	8.362	23117057	61036207	52.586	54.033
16)	A 4,4'-DDD	9.202	8.216	22746608	60414112	50.310	61.326
17)	MA 4,4'-DDT	9.522	8.475	21562819	54552791	46.913	54.525m
18)	B Endrin al...	9.431	8.548	18275469	44902557	51.637	56.221m
19)	B Endosulfa...	9.669	8.779	23629585	60792972	52.281	55.848m
20)	A Methoxychlor	10.007	9.070	11993489	30108987	48.970	51.522
21)	B Endrin ke...	10.172	9.297	26126298	65290311	50.944	58.562m
22)	Mirex	10.645	9.485	19994083	52295608	49.550	53.991m

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

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 Acq On : 27 May 2022 22:10
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Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

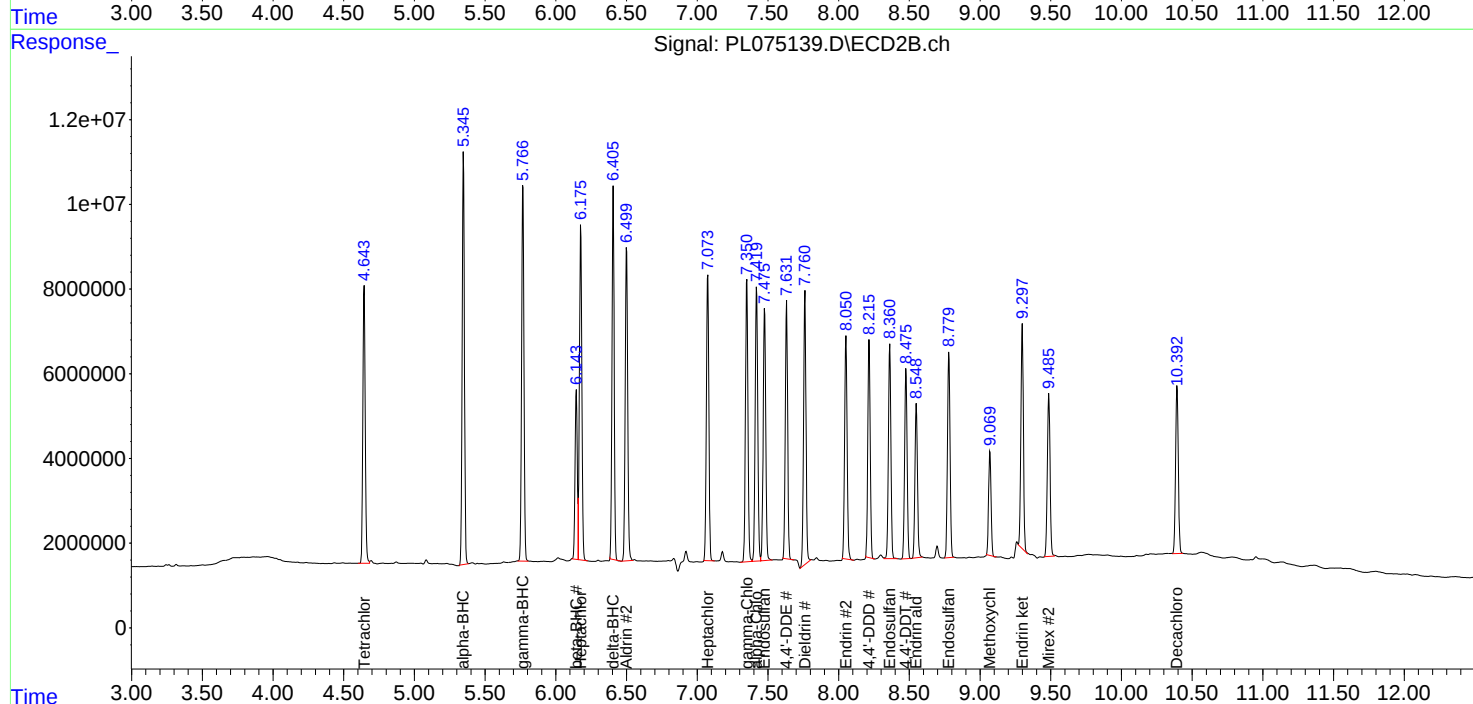
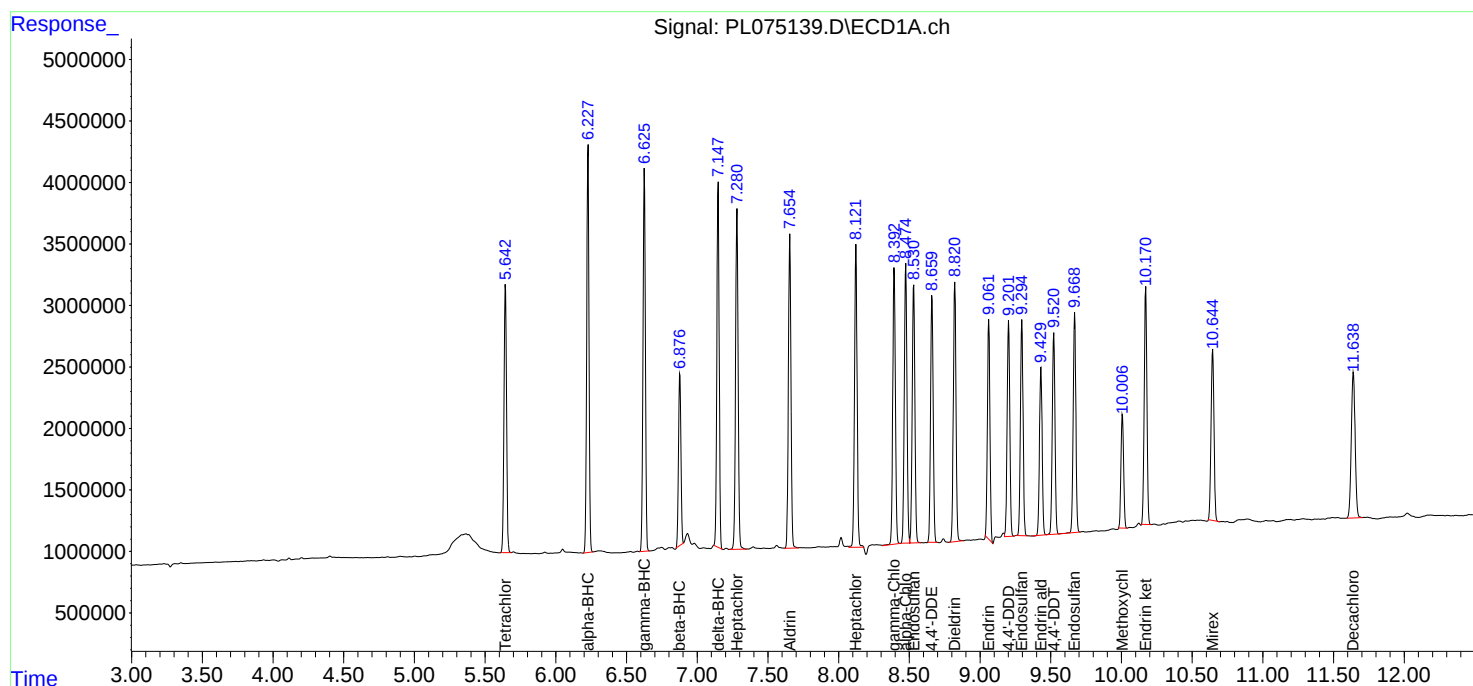
Manual Integrations

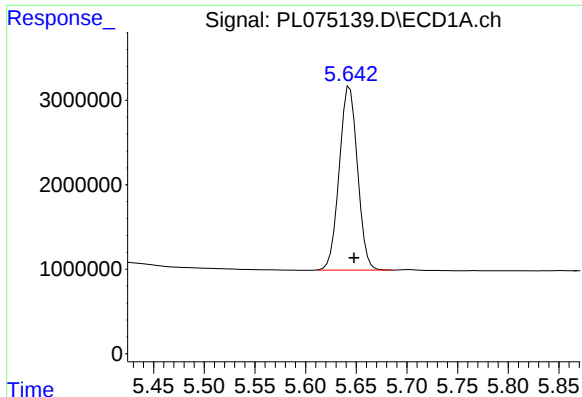
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Integration File signal 1: autoint1.e
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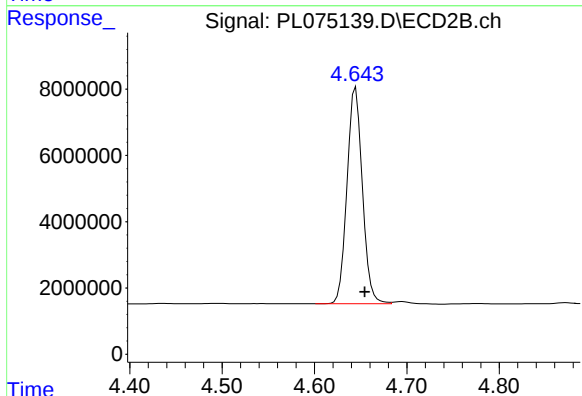
#1 Tetrachloro-m-xylene

R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 27211053
Conc: 53.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

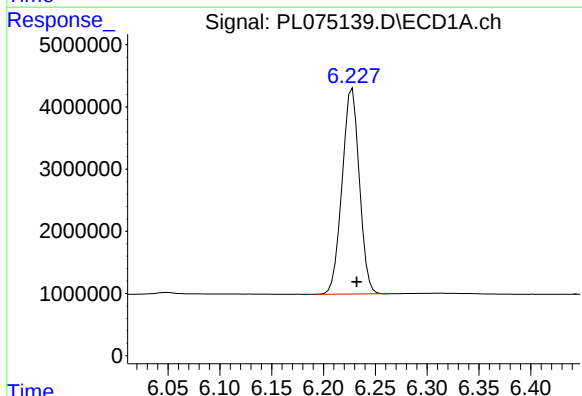
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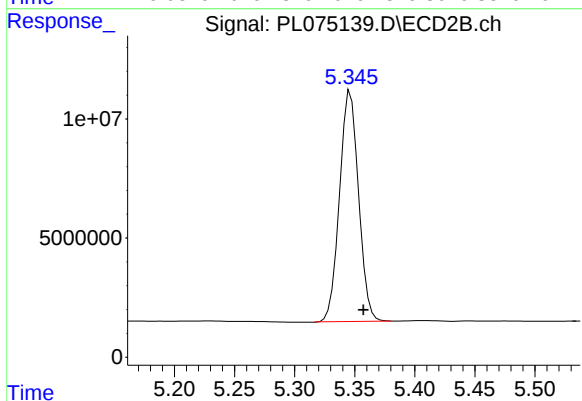
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: -0.010 min
Response: 75670142
Conc: 55.13 ng/ml



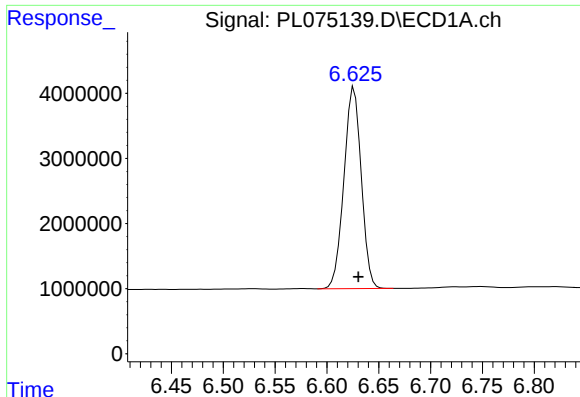
#2 alpha-BHC

R.T.: 6.228 min
Delta R.T.: -0.004 min
Response: 38328087
Conc: 56.02 ng/ml



#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.012 min
Response: 106940221
Conc: 63.55 ng/ml m



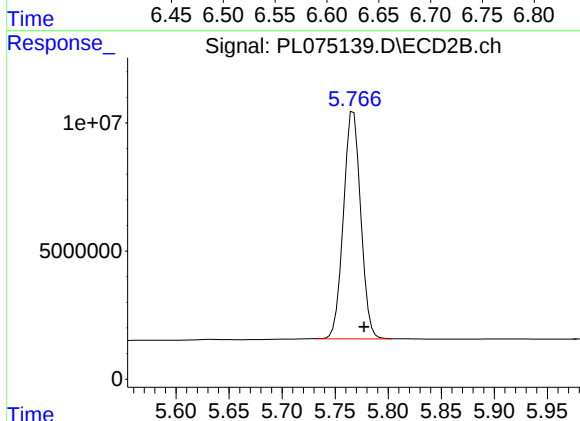
#3 gamma-BHC (Lindane)

R.T.: 6.626 min
Delta R.T.: -0.004 min
Response: 36005837
Conc: 55.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

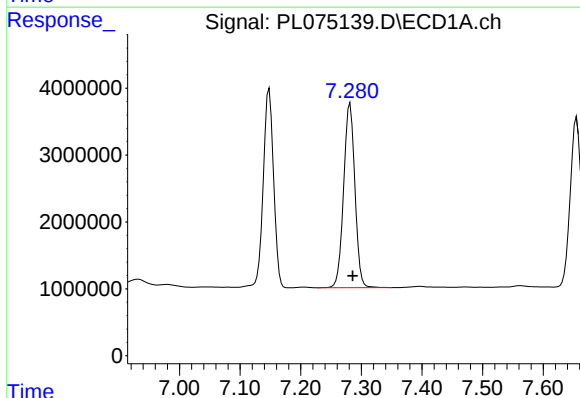
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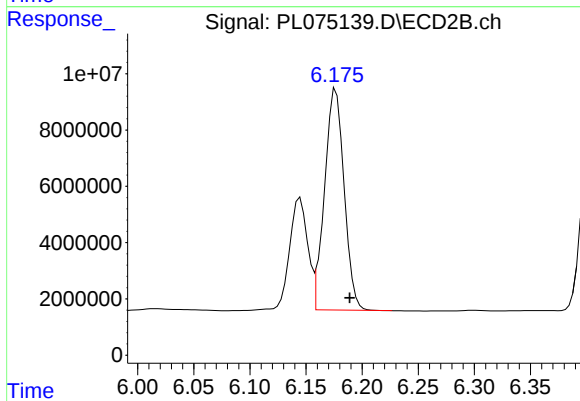
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.011 min
Response: 100432831
Conc: 60.78 ng/ml m



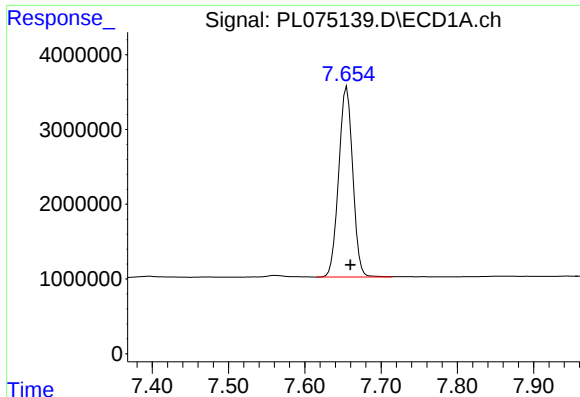
#4 Heptachlor

R.T.: 7.281 min
Delta R.T.: -0.004 min
Response: 35541420
Conc: 55.07 ng/ml



#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.012 min
Response: 95099907
Conc: 62.65 ng/ml



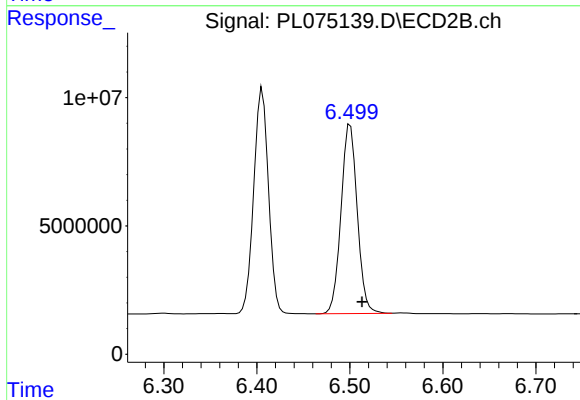
#5 Aldrin

R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 32480580
Conc: 52.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

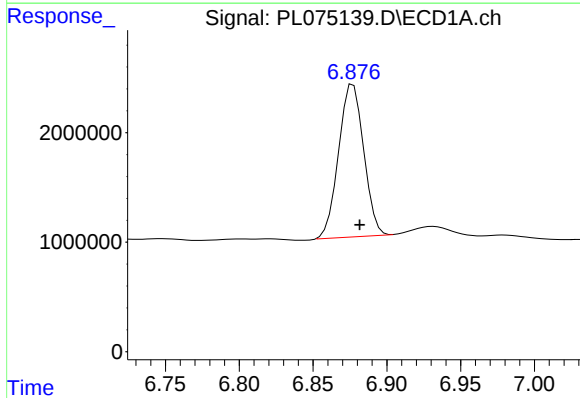
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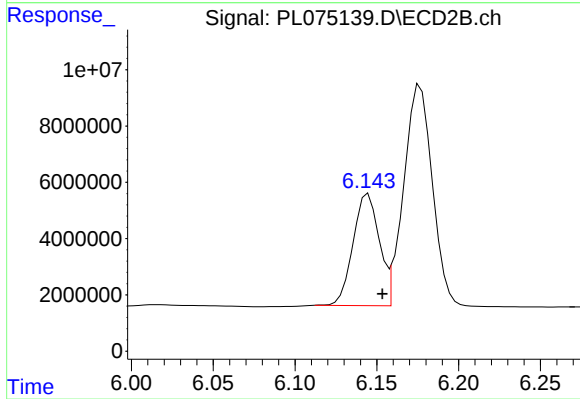
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.013 min
Response: 89495698
Conc: 59.65 ng/ml



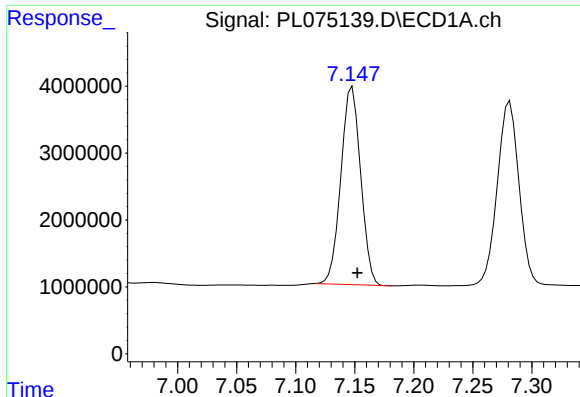
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: -0.004 min
Response: 16559534
Conc: 55.48 ng/ml



#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.009 min
Response: 44217590
Conc: 55.69 ng/ml



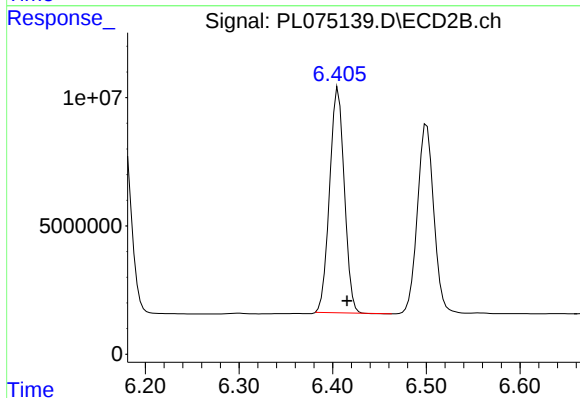
#7 delta-BHC

R.T.: 7.148 min
Delta R.T.: -0.004 min
Response: 34491973
Conc: 55.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

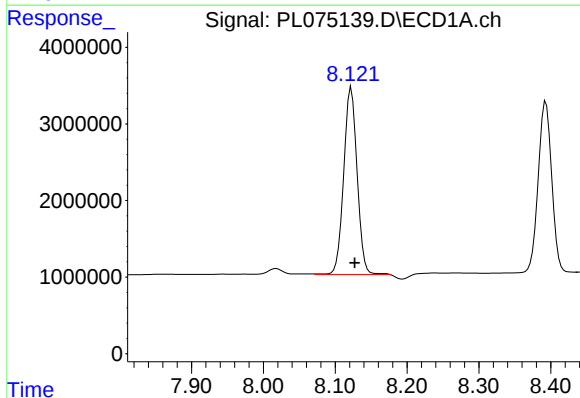
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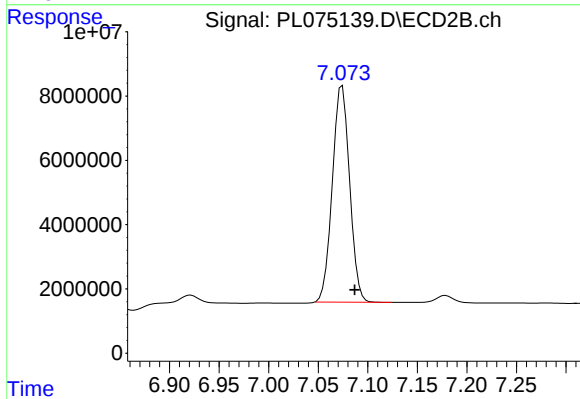
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.009 min
Response: 95721165
Conc: 61.21 ng/ml



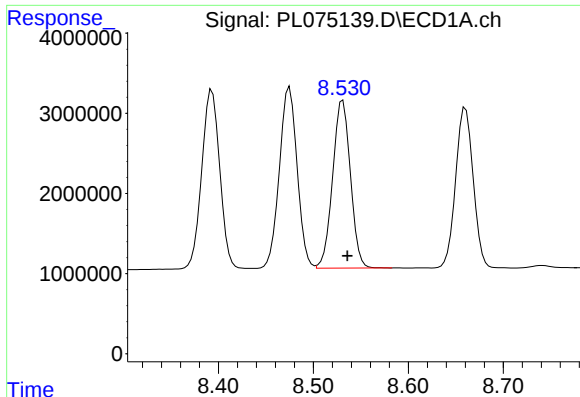
#8 Heptachlor epoxide

R.T.: 8.122 min
Delta R.T.: -0.005 min
Response: 31688197
Conc: 55.72 ng/ml



#8 Heptachlor epoxide

R.T.: 7.074 min
Delta R.T.: -0.013 min
Response: 81648151
Conc: 58.66 ng/ml



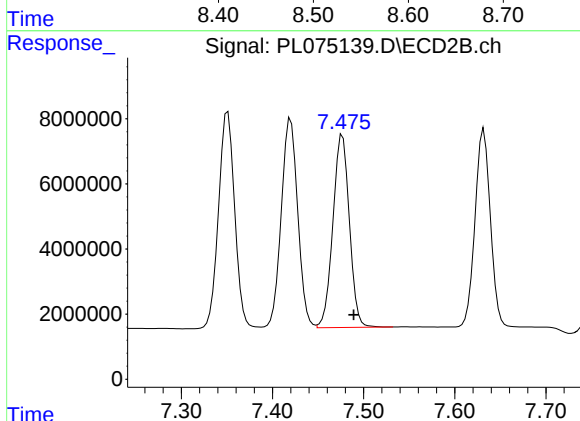
#9 Endosulfan I

R.T.: 8.531 min
Delta R.T.: -0.005 min
Response: 27244171
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

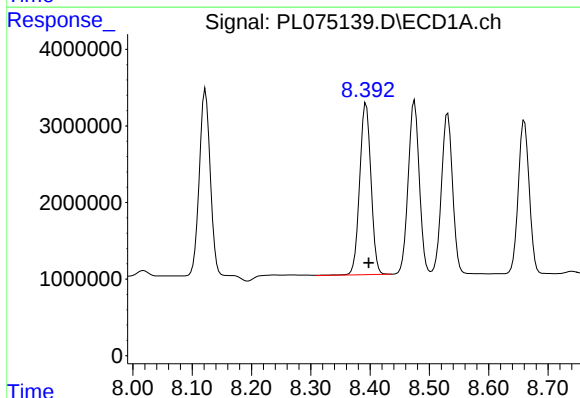
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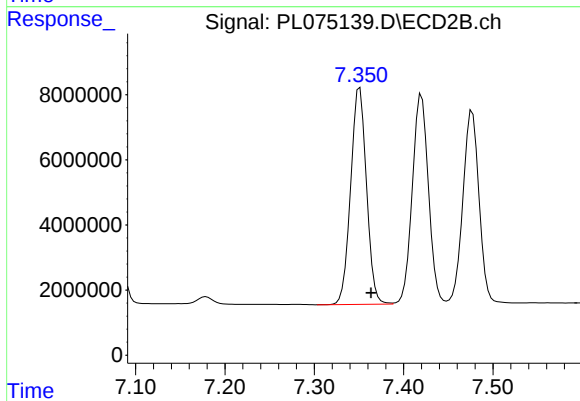
#9 Endosulfan I

R.T.: 7.477 min
Delta R.T.: -0.012 min
Response: 74360090
Conc: 59.43 ng/ml



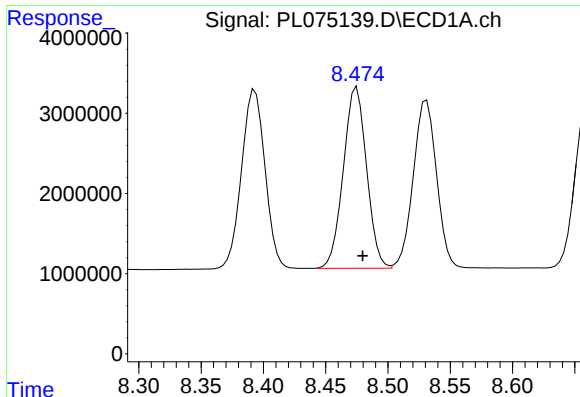
#10 gamma-Chlordane

R.T.: 8.393 min
Delta R.T.: -0.005 min
Response: 29591078
Conc: 57.21 ng/ml



#10 gamma-Chlordane

R.T.: 7.351 min
Delta R.T.: -0.012 min
Response: 82046071
Conc: 59.20 ng/ml



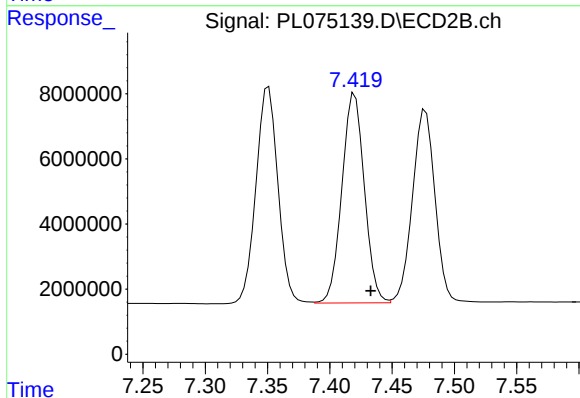
#11 alpha-Chlordane

R.T.: 8.475 min
Delta R.T.: -0.005 min
Response: 29416078
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

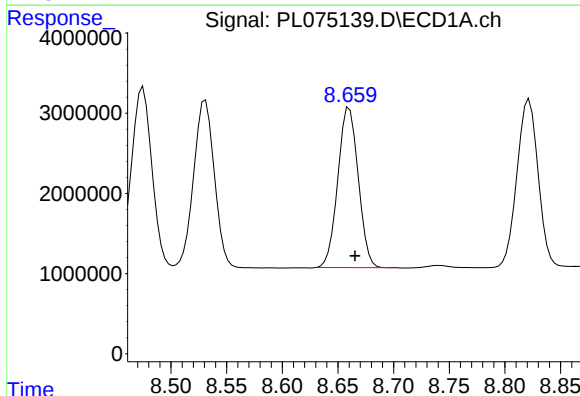
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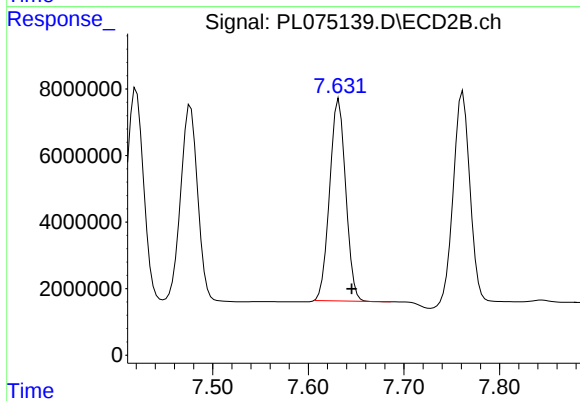
#11 alpha-Chlordane

R.T.: 7.420 min
Delta R.T.: -0.013 min
Response: 81090964
Conc: 59.99 ng/ml



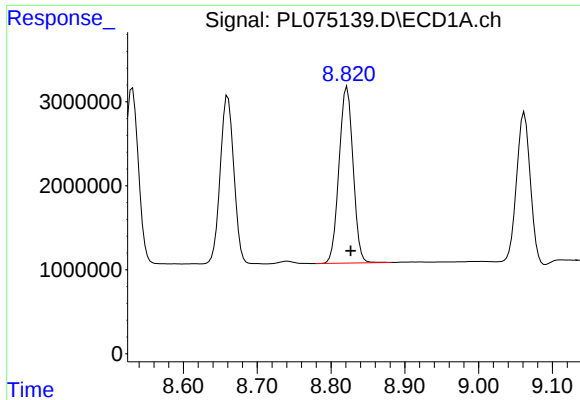
#12 4,4'-DDE

R.T.: 8.660 min
Delta R.T.: -0.005 min
Response: 25529772
Conc: 55.15 ng/ml



#12 4,4'-DDE

R.T.: 7.632 min
Delta R.T.: -0.013 min
Response: 70537797
Conc: 59.95 ng/ml



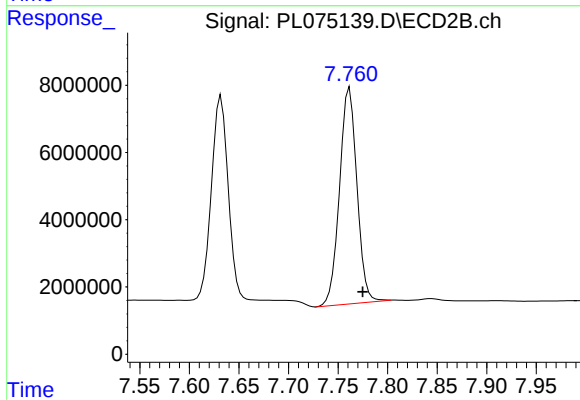
#13 Dieldrin

R.T.: 8.822 min
Delta R.T.: -0.005 min
Response: 27743933
Conc: 52.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

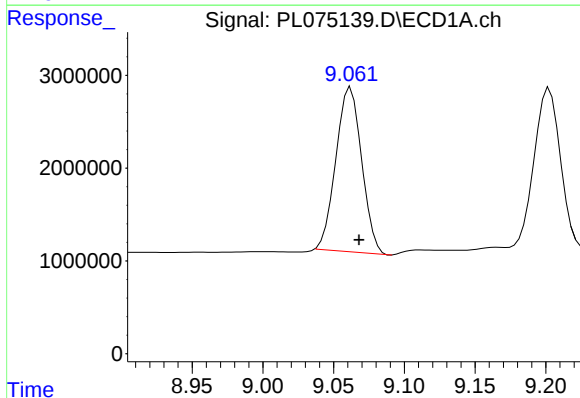
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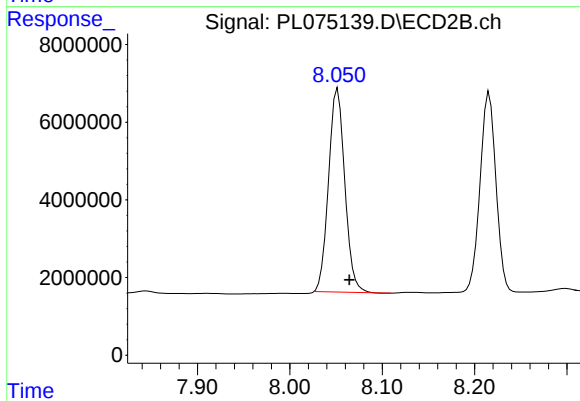
#13 Dieldrin

R.T.: 7.760 min
Delta R.T.: -0.015 min
Response: 78605184
Conc: 61.70 ng/ml m



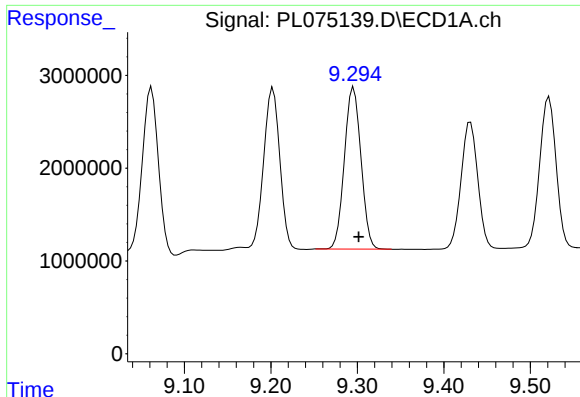
#14 Endrin

R.T.: 9.062 min
Delta R.T.: -0.006 min
Response: 22501336
Conc: 54.53 ng/ml



#14 Endrin

R.T.: 8.052 min
Delta R.T.: -0.013 min
Response: 63996176
Conc: 60.58 ng/ml



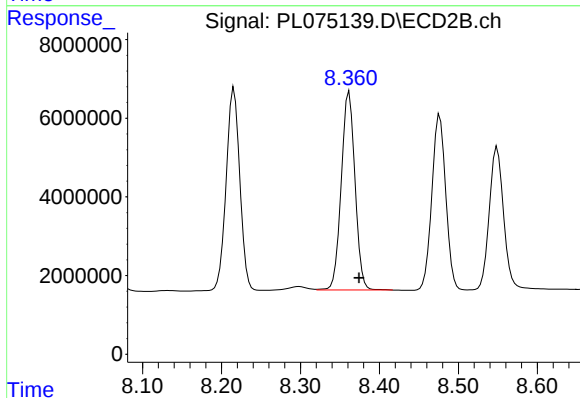
#15 Endosulfan II

R.T.: 9.296 min
Delta R.T.: -0.006 min
Response: 23117057
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

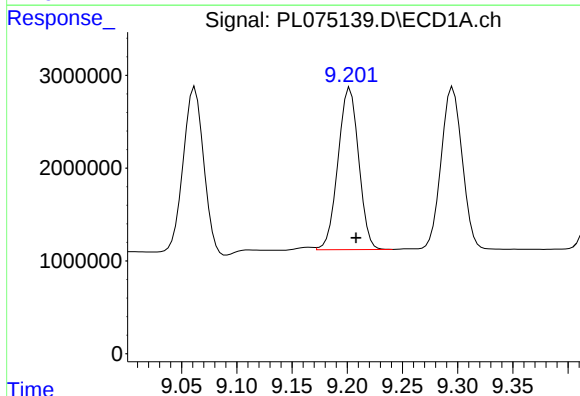
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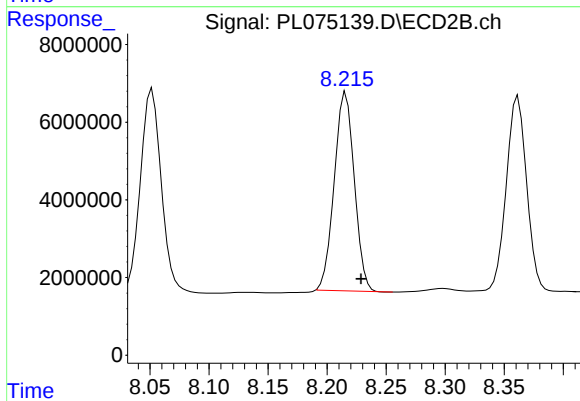
#15 Endosulfan II

R.T.: 8.362 min
Delta R.T.: -0.012 min
Response: 61036207
Conc: 54.03 ng/ml



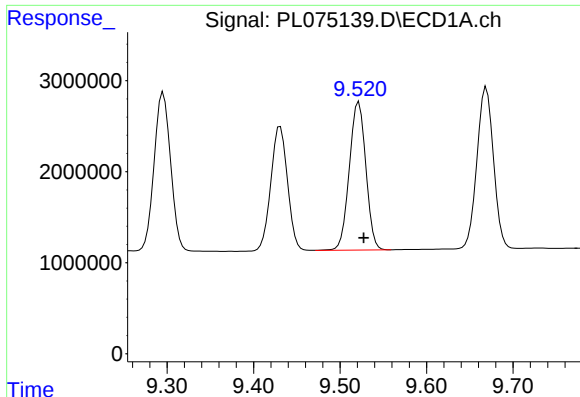
#16 4,4'-DDD

R.T.: 9.202 min
Delta R.T.: -0.005 min
Response: 22746608
Conc: 50.31 ng/ml



#16 4,4'-DDD

R.T.: 8.216 min
Delta R.T.: -0.013 min
Response: 60414112
Conc: 61.33 ng/ml



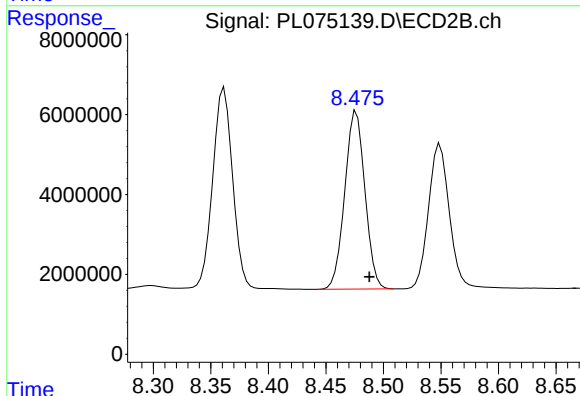
#17 4,4'-DDT

R.T.: 9.522 min
Delta R.T.: -0.006 min
Response: 21562819
Conc: 46.91 ng/ml

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ECD_L
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PSTDCCC050

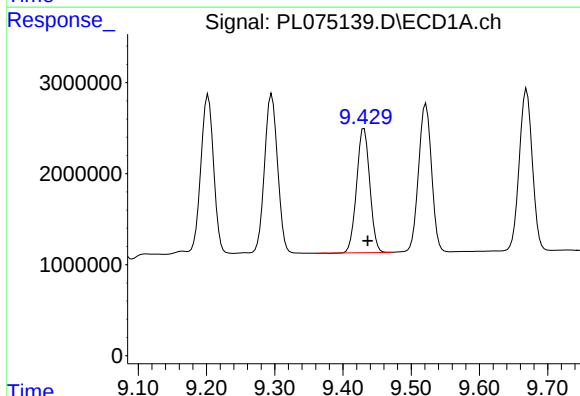
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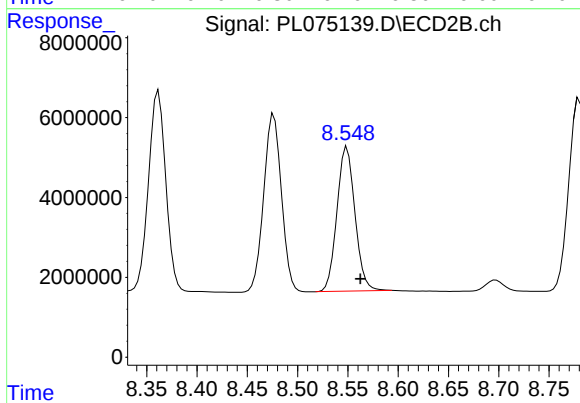
#17 4,4'-DDT

R.T.: 8.475 min
Delta R.T.: -0.013 min
Response: 54552791
Conc: 54.52 ng/ml m



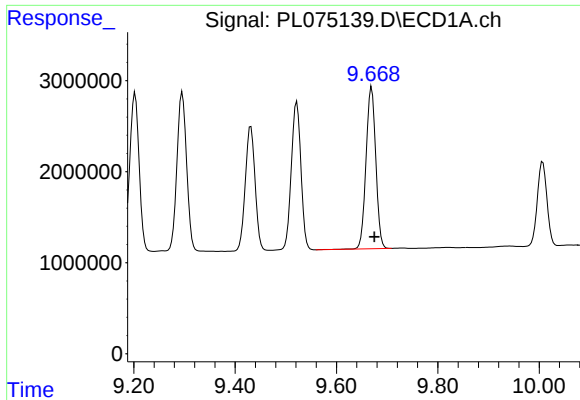
#18 Endrin aldehyde

R.T.: 9.431 min
Delta R.T.: -0.005 min
Response: 18275469
Conc: 51.64 ng/ml



#18 Endrin aldehyde

R.T.: 8.548 min
Delta R.T.: -0.015 min
Response: 44902557
Conc: 56.22 ng/ml m



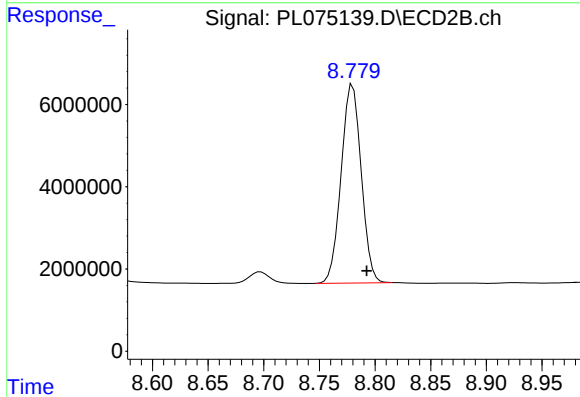
#19 Endosulfan Sulfate

R.T.: 9.669 min
Delta R.T.: -0.006 min
Response: 23629585
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

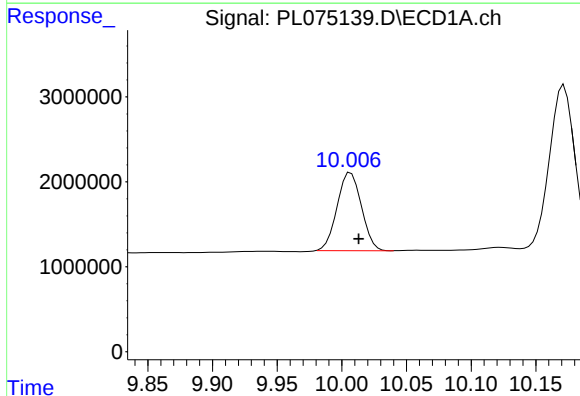
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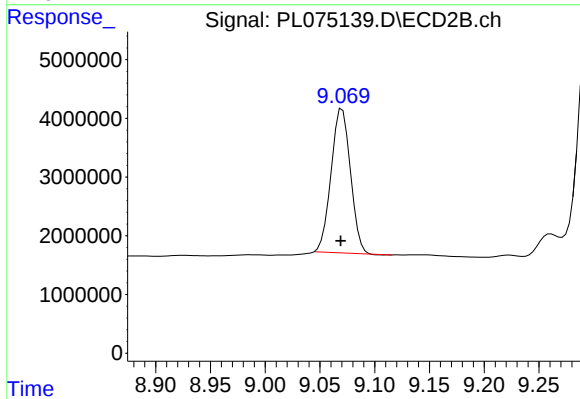
#19 Endosulfan Sulfate

R.T.: 8.779 min
Delta R.T.: -0.014 min
Response: 60792972
Conc: 55.85 ng/ml m



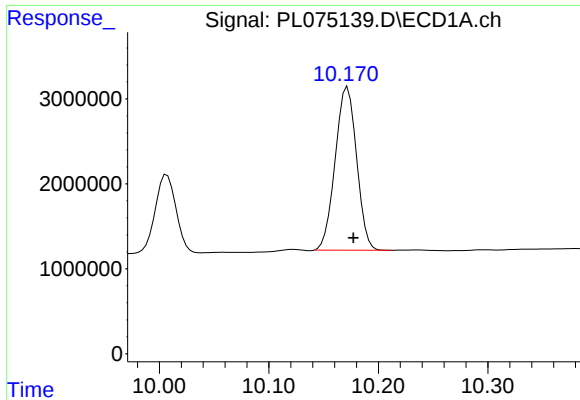
#20 Methoxychlor

R.T.: 10.007 min
Delta R.T.: -0.006 min
Response: 11993489
Conc: 48.97 ng/ml



#20 Methoxychlor

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 30108987
Conc: 51.52 ng/ml



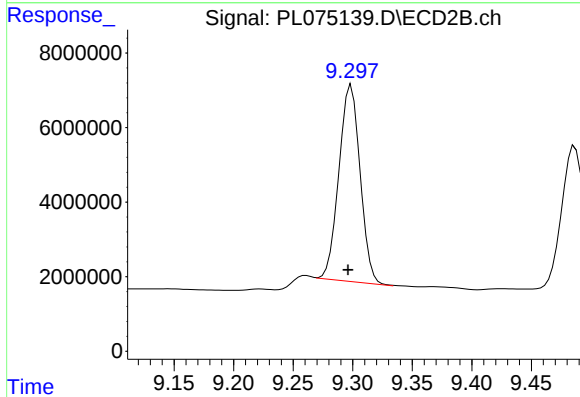
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: -0.005 min
Response: 26126298
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

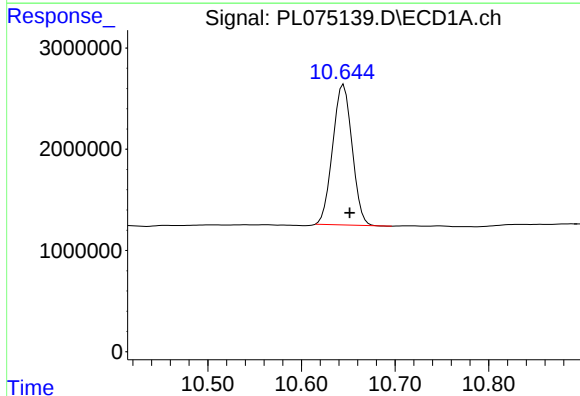
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/31/2022
Supervised By :Ankita Jodhani 05/31/2022



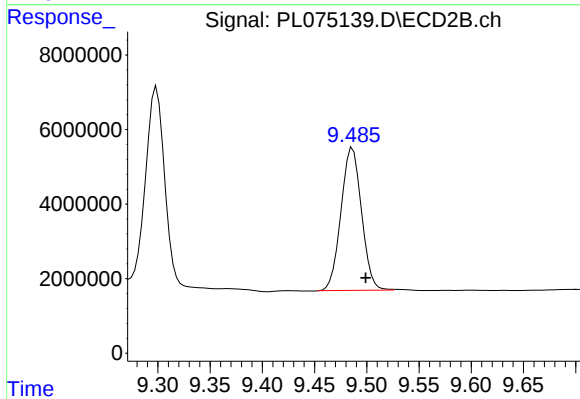
#21 Endrin ketone

R.T.: 9.297 min
Delta R.T.: 0.001 min
Response: 65290311
Conc: 58.56 ng/ml m



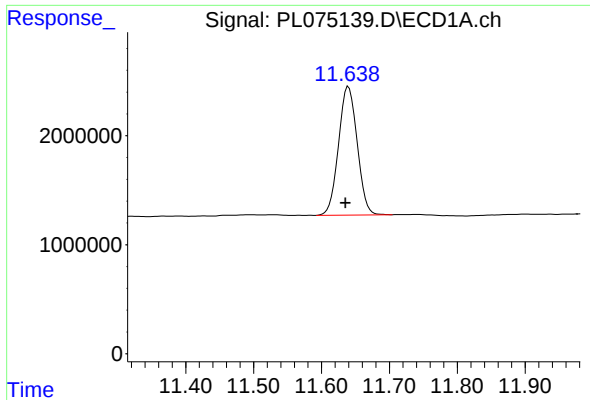
#22 Mirex

R.T.: 10.645 min
Delta R.T.: -0.007 min
Response: 19994083
Conc: 49.55 ng/ml



#22 Mirex

R.T.: 9.485 min
Delta R.T.: -0.014 min
Response: 52295608
Conc: 53.99 ng/ml m



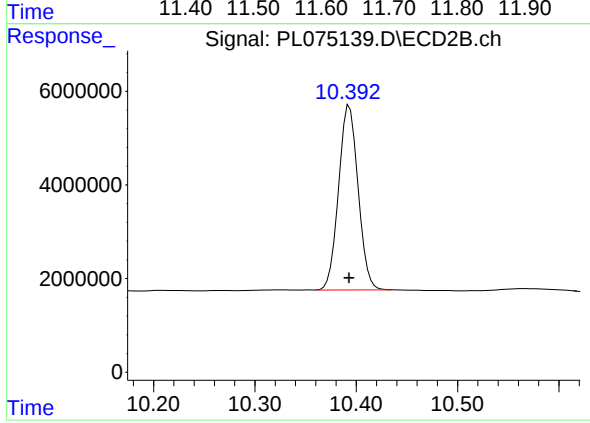
#28 Decachlorobiphenyl

R.T.: 11.640 min
Delta R.T.: 0.005 min
Response: 22535133
Conc: 50.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 10.392 min
Delta R.T.: -0.001 min
Response: 52807353
Conc: 51.45 ng/ml m