

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062122\
 Data File : PL075884.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2022 15:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/22/2022
 Supervised By : Ankita Jodhani 06/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 02:23:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 02:04:29 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...	5.642	4.637	36922452	87781531	54.709	52.307
28)	SA Decachlor...	11.635	10.377	28365713	58293318	46.332	41.374
Target Compounds							
2)	A alpha-BHC	6.226	5.338	52605227	123.8E6	55.965	54.697
3)	MA gamma-BHC...	6.623	5.758	49174011	115.6E6	56.023	53.327
4)	MA Heptachlor	7.278	6.166	48269185	111.1E6	52.493	52.128
5)	MB Aldrin	7.652	6.489	44794385	101.2E6	54.557	51.531
6)	B beta-BHC	6.876	6.137	22287298	50070730	54.304	51.012
7)	B delta-BHC	7.146	6.397	45444512	110.9E6	59.059	51.821
8)	B Heptachlo...	8.120	7.063	41092444	92766175	53.160	50.696
9)	A Endosulfan I	8.529	7.464	36703105	83689967	52.457	50.037
10)	B gamma-Chl...	8.391	7.339	40248920	92513539	51.830	50.457
11)	B alpha-Chl...	8.472	7.409	39823576	91126100	52.221	49.908
12)	B 4,4'-DDE	8.658	7.620	34710915	80872919	52.447	50.584
13)	MA Dieldrin	8.819	7.750	37095333	85413807	51.348	50.463
14)	MA Endrin	9.060	8.040	29731408	70680893	50.145	51.701
15)	B Endosulfa...	9.293	8.350	29787099	69576132	47.867	48.550
16)	A 4,4'-DDD	9.199	8.204	28352739	67870319	51.819	51.614
17)	MA 4,4'-DDT	9.519	8.464	28544112	69043839	44.560	49.115
18)	B Endrin al...	9.428	8.537	23004249	52846498	44.915	46.918
19)	B Endosulfa...	9.665	8.767	30004108	71946442	47.899m	48.984
20)	A Methoxychlor	10.004	9.056	15471715	38532455	43.220	47.300
21)	B Endrin ke...	10.168	9.285	33900102	74899921	48.206	46.399
22)	Mirex	10.641	9.472	25998288	58129633	46.195	45.268

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

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PSTDCCC050

Manual Integrations

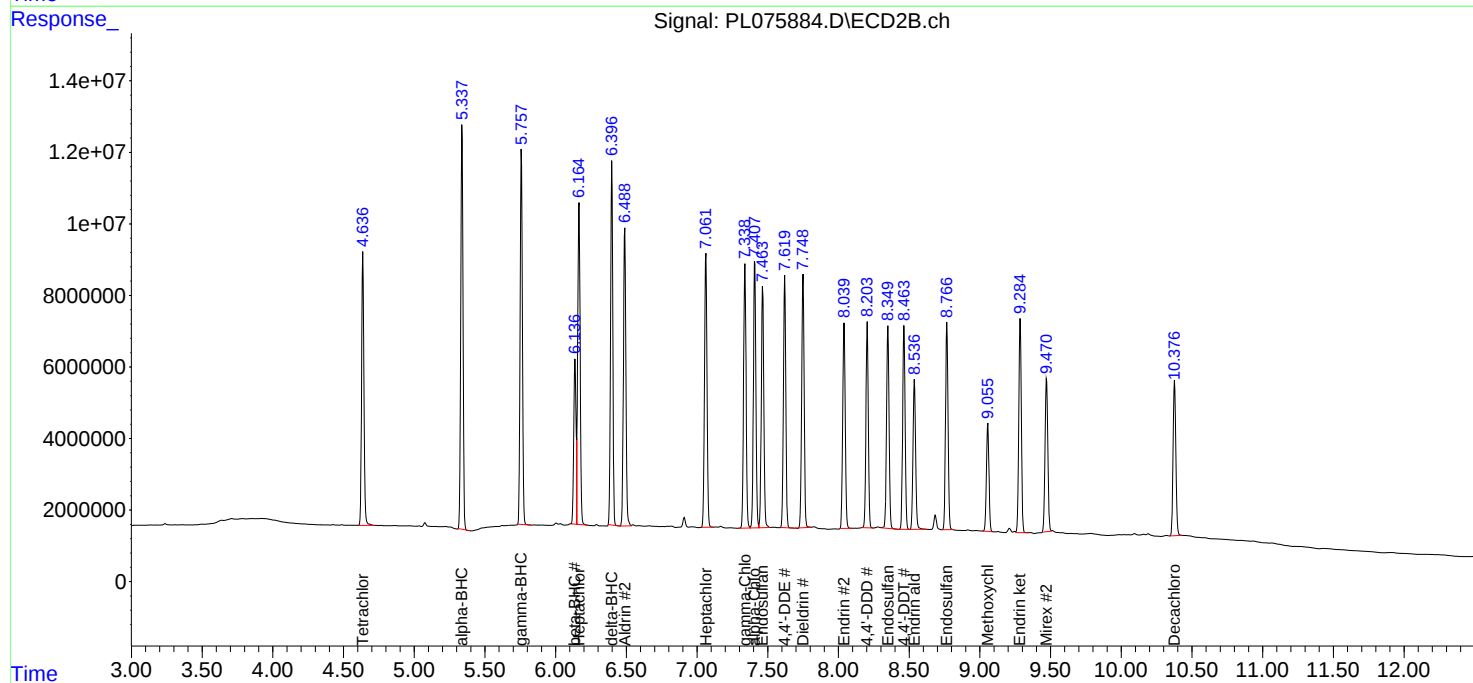
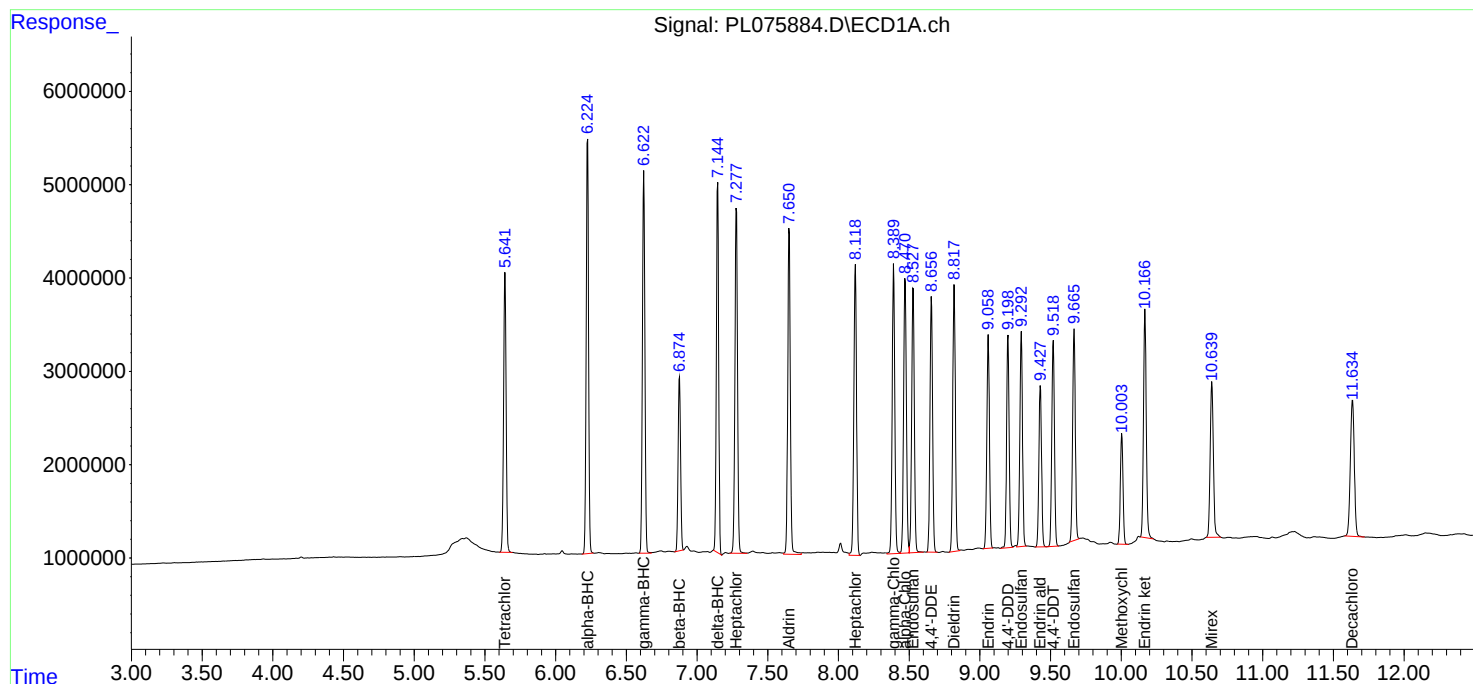
APPROVED

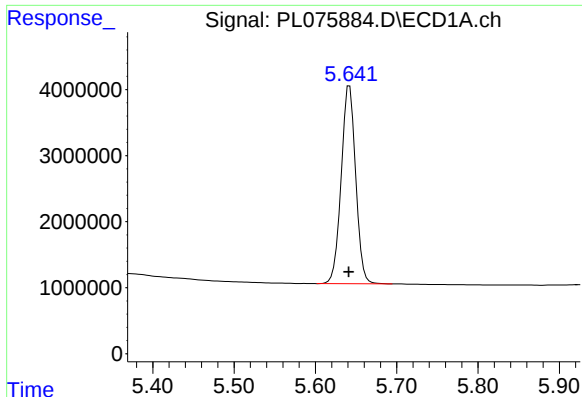
Reviewed By :Abdul Mirza 06/22/2022

Supervised By :Ankita Jodhani 06/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 02:23:56 2022
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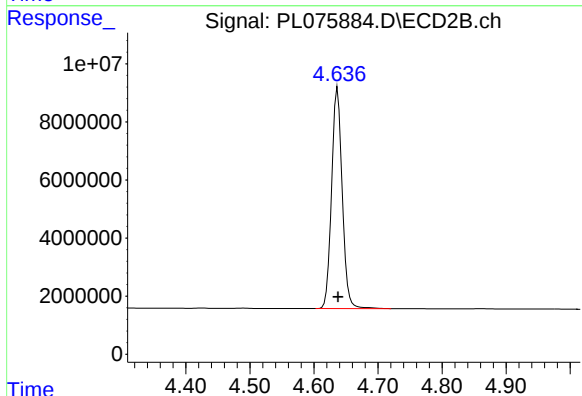
#1 Tetrachloro-m-xylene

R.T.: 5.642 min
Delta R.T.: 0.001 min
Response: 36922452
Conc: 54.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

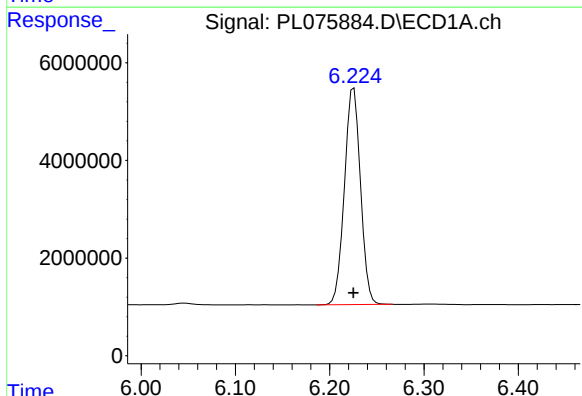
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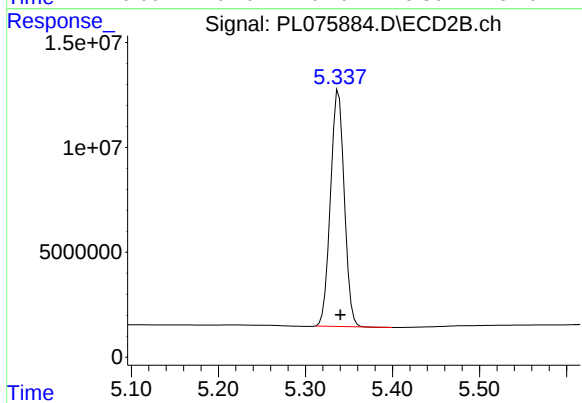
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 87781531
Conc: 52.31 ng/ml



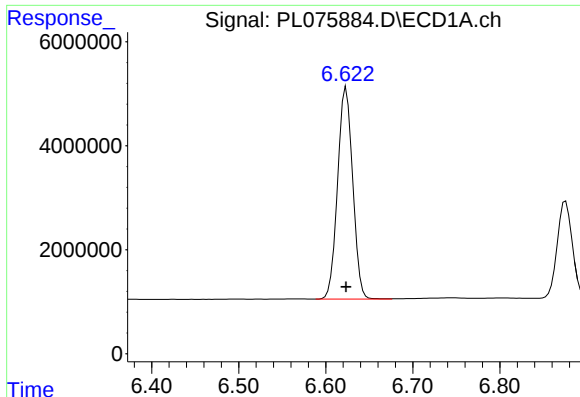
#2 alpha-BHC

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 52605227
Conc: 55.97 ng/ml



#2 alpha-BHC

R.T.: 5.338 min
Delta R.T.: -0.002 min
Response: 123848773
Conc: 54.70 ng/ml



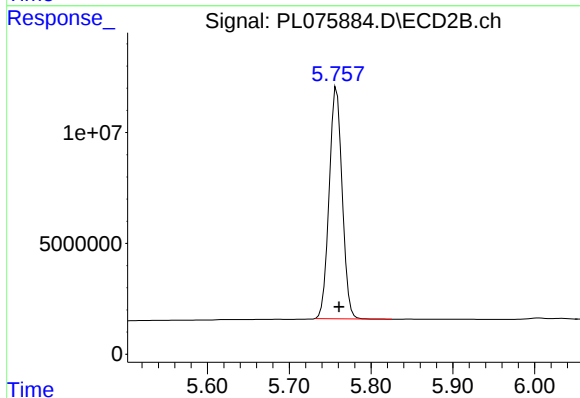
#3 gamma-BHC (Lindane)

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 49174011
Conc: 56.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

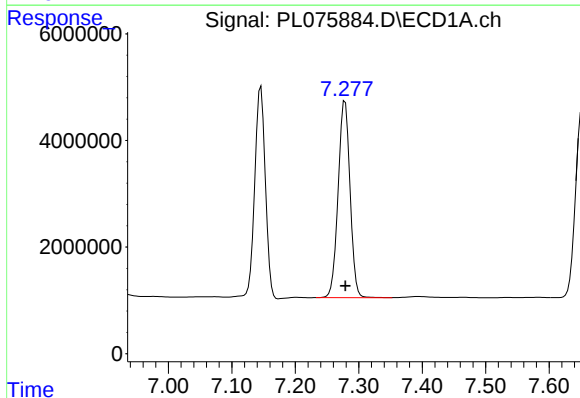
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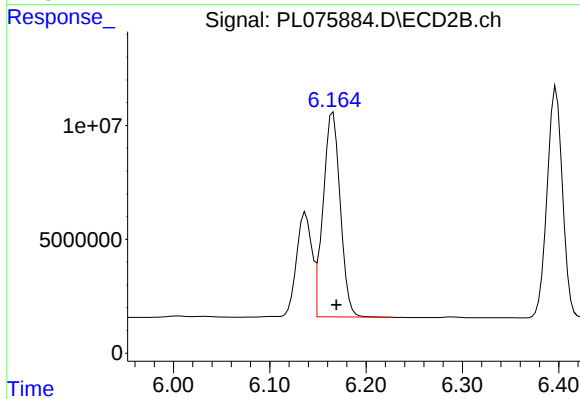
#3 gamma-BHC (Lindane)

R.T.: 5.758 min
Delta R.T.: -0.003 min
Response: 115643151
Conc: 53.33 ng/ml



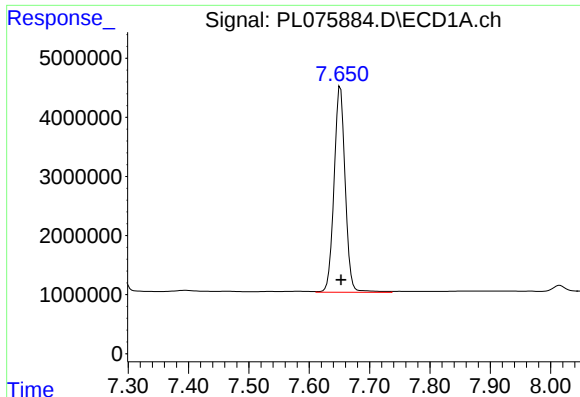
#4 Heptachlor

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 48269185
Conc: 52.49 ng/ml



#4 Heptachlor

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 111147546
Conc: 52.13 ng/ml



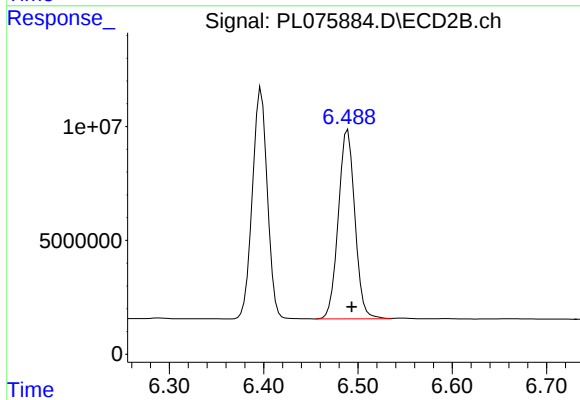
#5 Aldrin

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 44794385
Conc: 54.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

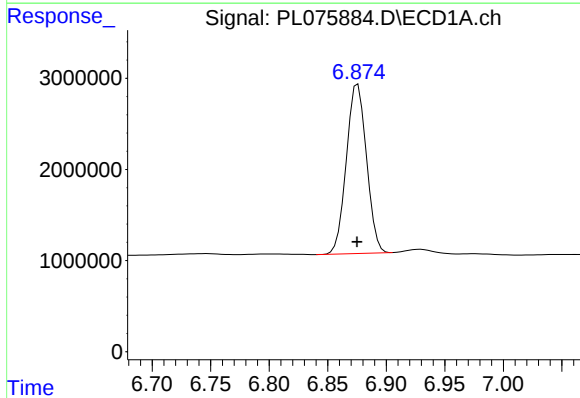
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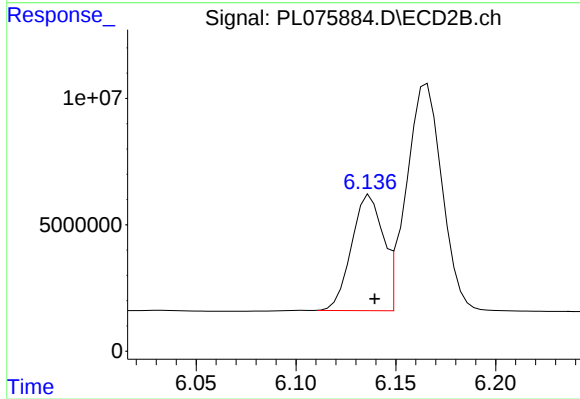
#5 Aldrin

R.T.: 6.489 min
Delta R.T.: -0.004 min
Response: 101205518
Conc: 51.53 ng/ml



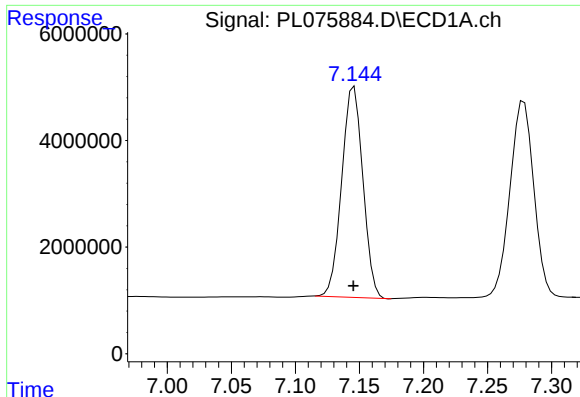
#6 beta-BHC

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 22287298
Conc: 54.30 ng/ml



#6 beta-BHC

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 50070730
Conc: 51.01 ng/ml



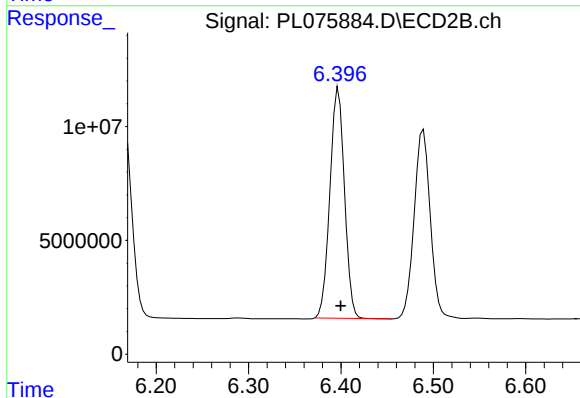
#7 delta-BHC

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 45444512
Conc: 59.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

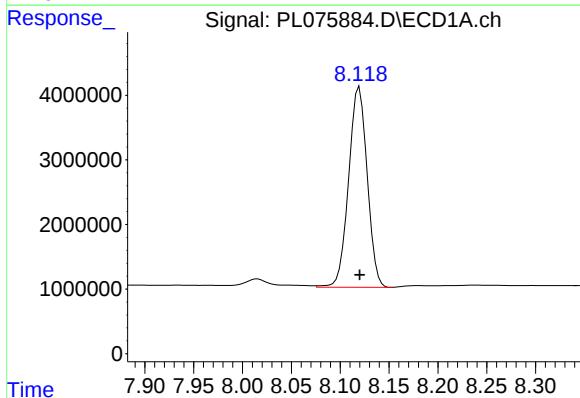
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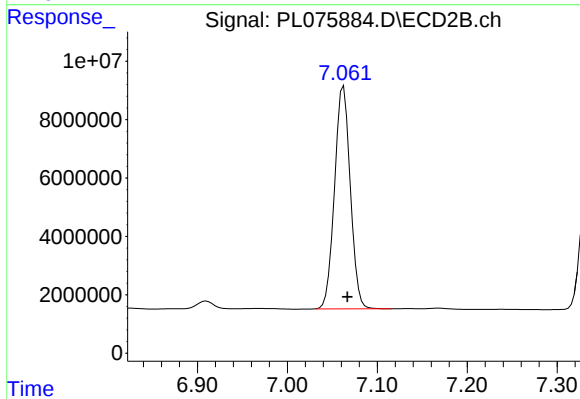
#7 delta-BHC

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 110940168
Conc: 51.82 ng/ml



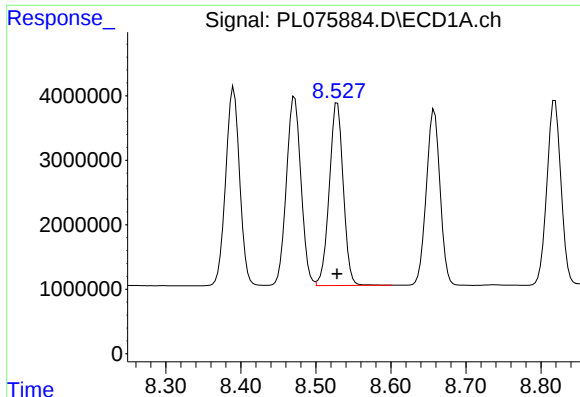
#8 Heptachlor epoxide

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 41092444
Conc: 53.16 ng/ml



#8 Heptachlor epoxide

R.T.: 7.063 min
Delta R.T.: -0.004 min
Response: 92766175
Conc: 50.70 ng/ml



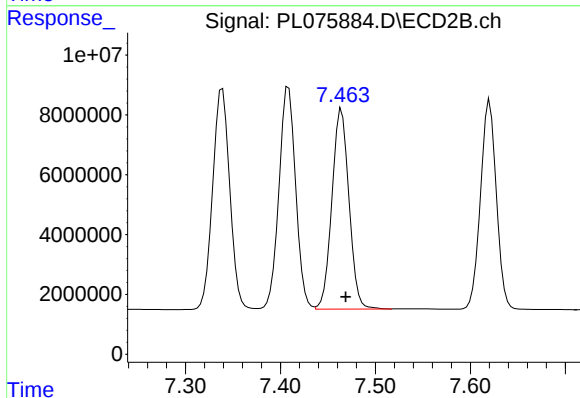
#9 Endosulfan I

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 36703105
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

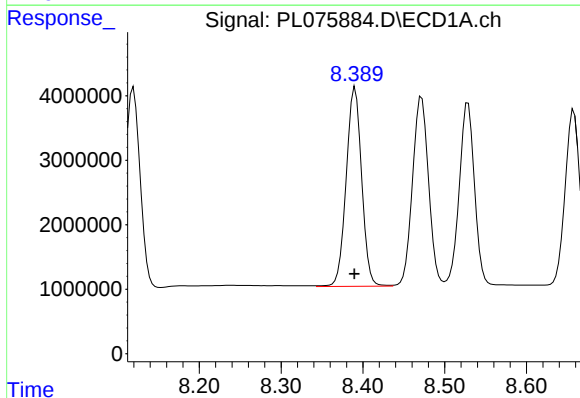
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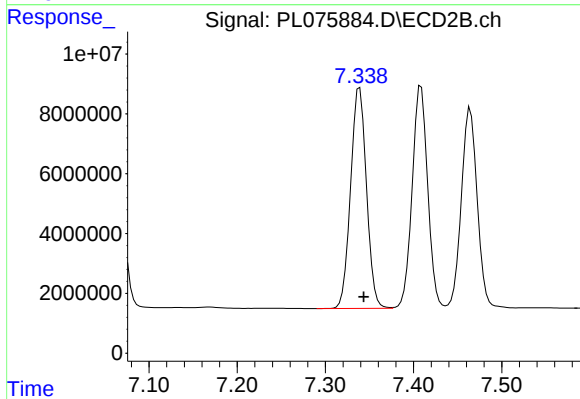
#9 Endosulfan I

R.T.: 7.464 min
Delta R.T.: -0.005 min
Response: 83689967
Conc: 50.04 ng/ml



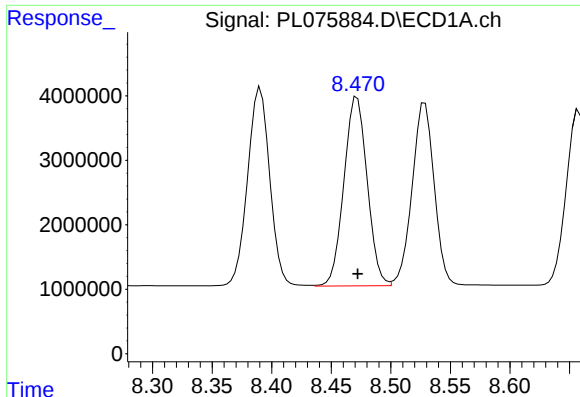
#10 gamma-Chlordane

R.T.: 8.391 min
Delta R.T.: 0.000 min
Response: 40248920
Conc: 51.83 ng/ml



#10 gamma-Chlordane

R.T.: 7.339 min
Delta R.T.: -0.005 min
Response: 92513539
Conc: 50.46 ng/ml



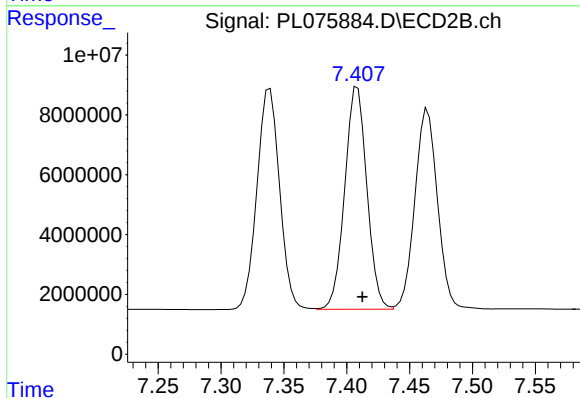
#11 alpha-Chlordane

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 39823576
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

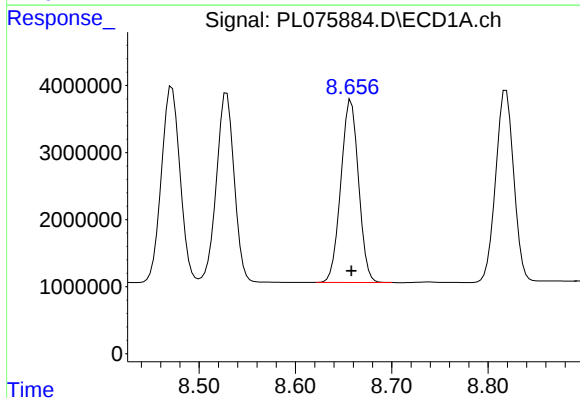
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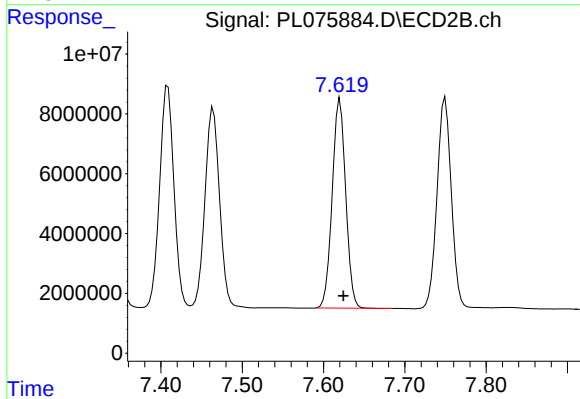
#11 alpha-Chlordane

R.T.: 7.409 min
Delta R.T.: -0.004 min
Response: 91126100
Conc: 49.91 ng/ml



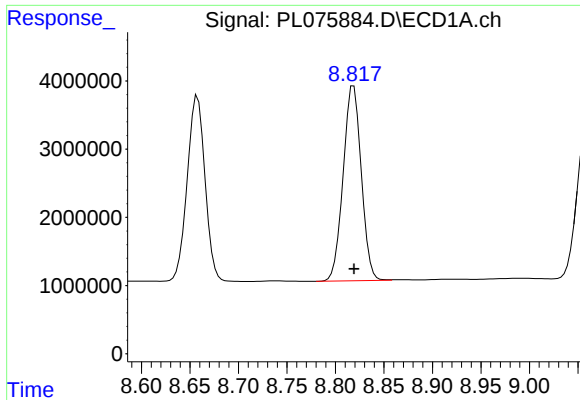
#12 4,4'-DDE

R.T.: 8.658 min
Delta R.T.: 0.000 min
Response: 34710915
Conc: 52.45 ng/ml



#12 4,4'-DDE

R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 80872919
Conc: 50.58 ng/ml



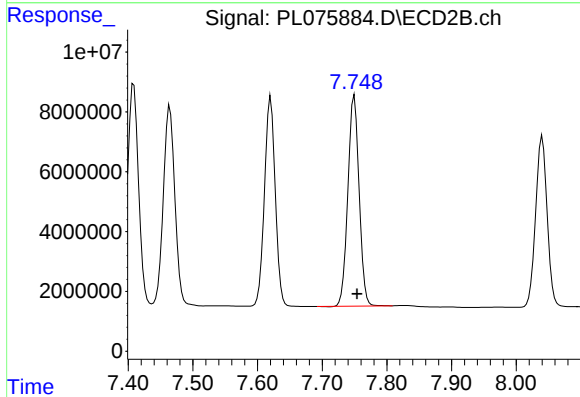
#13 Dieldrin

R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 37095333
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

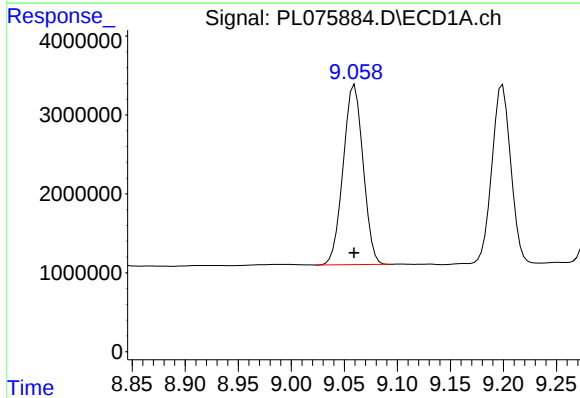
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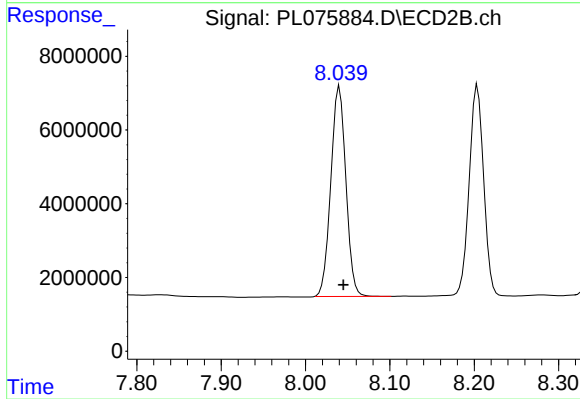
#13 Dieldrin

R.T.: 7.750 min
Delta R.T.: -0.004 min
Response: 85413807
Conc: 50.46 ng/ml



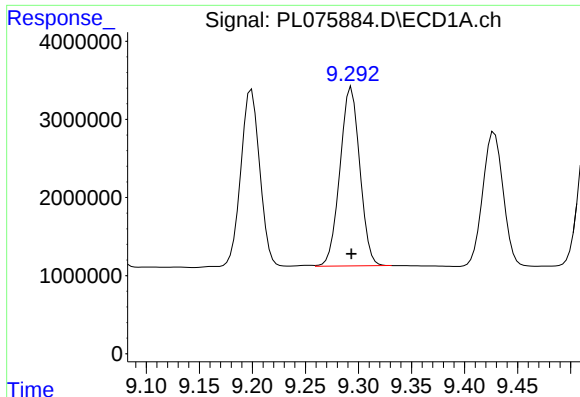
#14 Endrin

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 29731408
Conc: 50.14 ng/ml



#14 Endrin

R.T.: 8.040 min
Delta R.T.: -0.005 min
Response: 70680893
Conc: 51.70 ng/ml



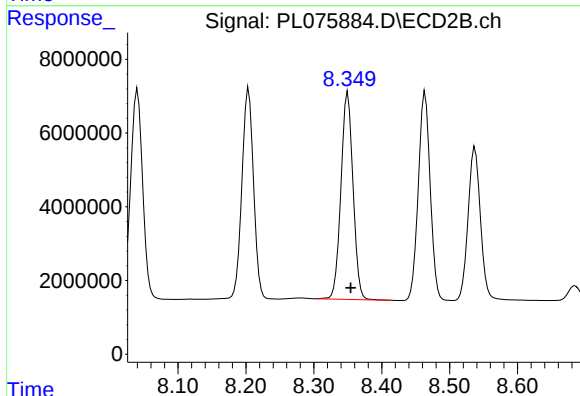
#15 Endosulfan II

R.T.: 9.293 min
Delta R.T.: 0.000 min
Response: 29787099
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

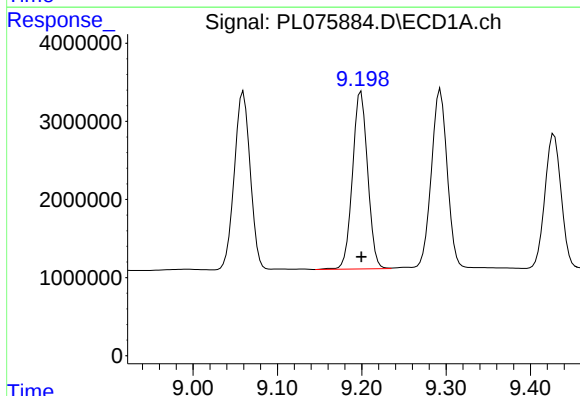
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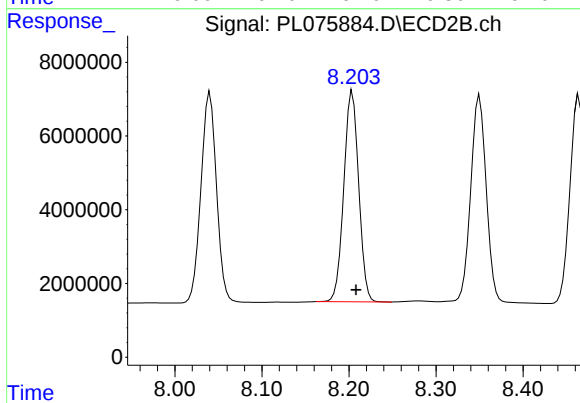
#15 Endosulfan II

R.T.: 8.350 min
Delta R.T.: -0.004 min
Response: 69576132
Conc: 48.55 ng/ml



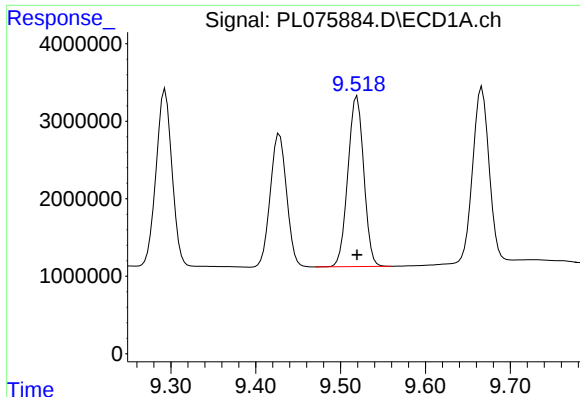
#16 4,4'-DDD

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 28352739
Conc: 51.82 ng/ml



#16 4,4'-DDD

R.T.: 8.204 min
Delta R.T.: -0.004 min
Response: 67870319
Conc: 51.61 ng/ml



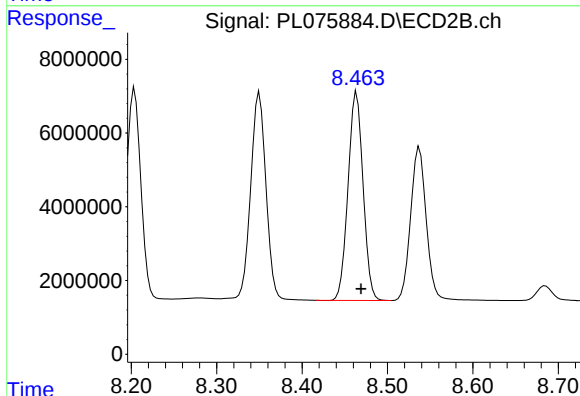
#17 4,4'-DDT

R.T.: 9.519 min
Delta R.T.: 0.000 min
Response: 28544112
Conc: 44.56 ng/ml

Instrument :
ECD_L
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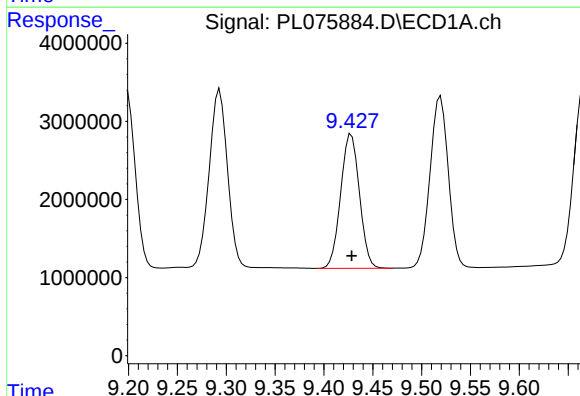
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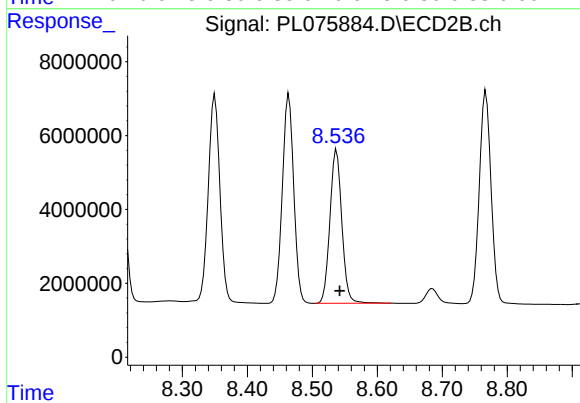
#17 4,4'-DDT

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 69043839
Conc: 49.11 ng/ml



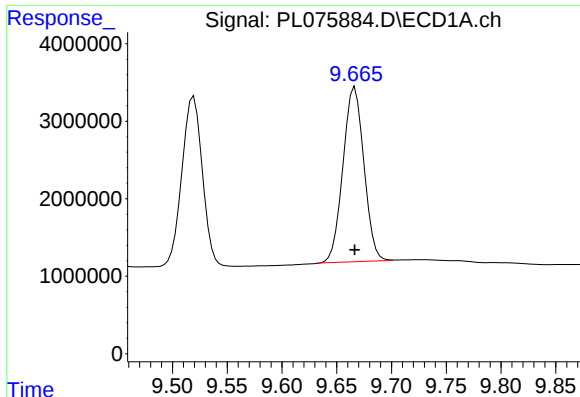
#18 Endrin aldehyde

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 23004249
Conc: 44.92 ng/ml



#18 Endrin aldehyde

R.T.: 8.537 min
Delta R.T.: -0.005 min
Response: 52846498
Conc: 46.92 ng/ml



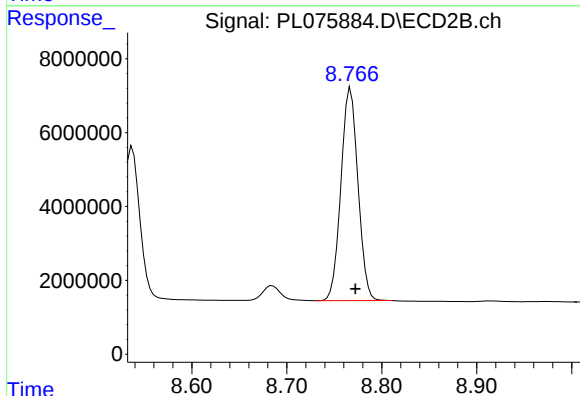
#19 Endosulfan Sulfate

R.T.: 9.665 min
Delta R.T.: -0.001 min
Response: 30004108
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

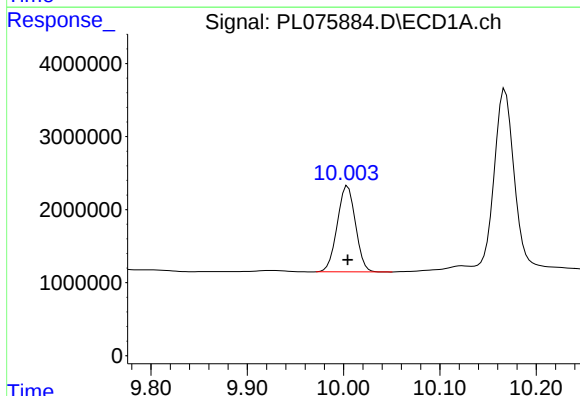
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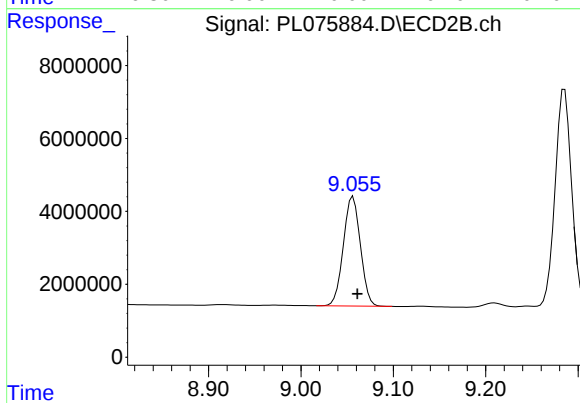
#19 Endosulfan Sulfate

R.T.: 8.767 min
Delta R.T.: -0.005 min
Response: 71946442
Conc: 48.98 ng/ml



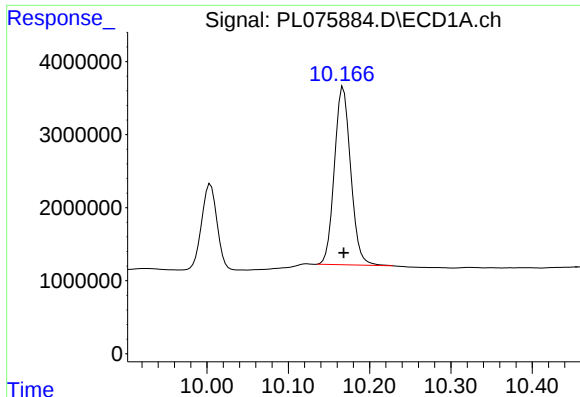
#20 Methoxychlor

R.T.: 10.004 min
Delta R.T.: 0.000 min
Response: 15471715
Conc: 43.22 ng/ml



#20 Methoxychlor

R.T.: 9.056 min
Delta R.T.: -0.005 min
Response: 38532455
Conc: 47.30 ng/ml



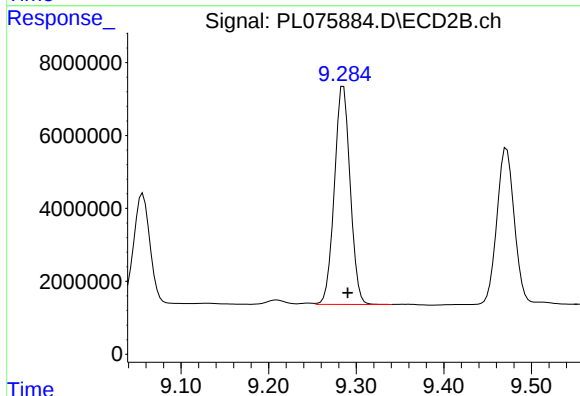
#21 Endrin ketone

R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 33900102
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

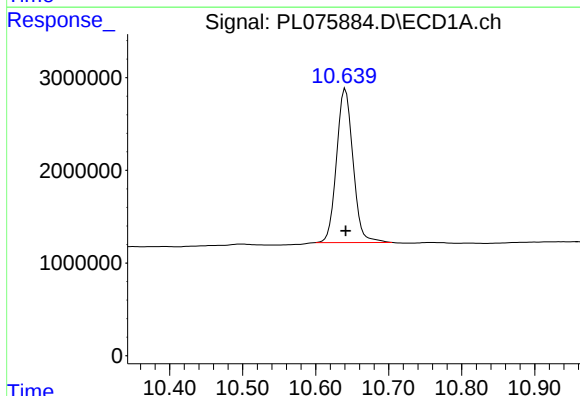
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/22/2022
Supervised By :Ankita Jodhani 06/22/2022



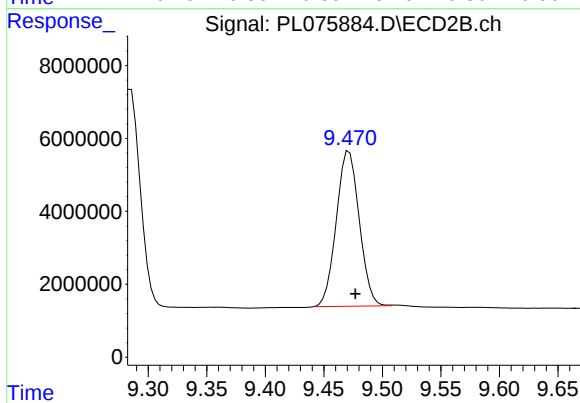
#21 Endrin ketone

R.T.: 9.285 min
Delta R.T.: -0.005 min
Response: 74899921
Conc: 46.40 ng/ml



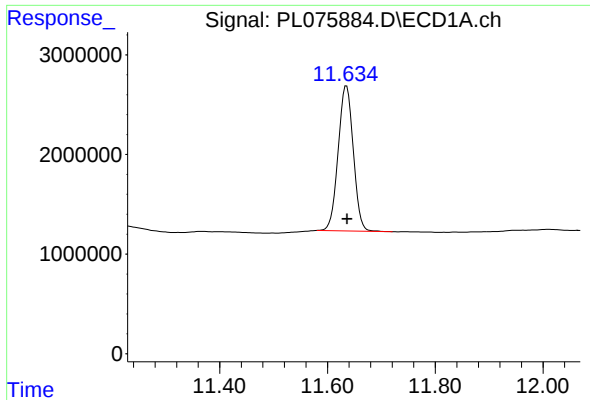
#22 Mirex

R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 25998288
Conc: 46.20 ng/ml



#22 Mirex

R.T.: 9.472 min
Delta R.T.: -0.005 min
Response: 58129633
Conc: 45.27 ng/ml



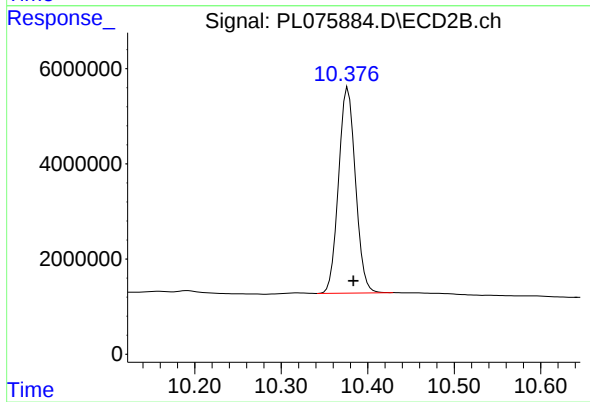
#28 Decachlorobiphenyl

R.T.: 11.635 min
Delta R.T.: 0.000 min
Response: 28365713
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 10.377 min
Delta R.T.: -0.006 min
Response: 58293318
Conc: 41.37 ng/ml