

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122721\
 Data File : PL071679.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 01:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 02:46:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 27 14:06:28 2021
 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...	4.560	5.497	28661532	76549507	44.176	44.859
28)	SA Decachlor...	10.323	11.391	35649558	61049429	47.886	48.711
Target Compounds							
2)	A alpha-BHC	5.267	6.078	40767264	109.1E6	44.844	44.683
3)	MA gamma-BHC...	5.690	6.474	38738839	99885542	44.194	44.061
4)	MA Heptachlor	6.097	7.120	40428039	98167819	42.053	42.484
5)	MB Aldrin	6.420	7.491	38888220	94532276	43.553	42.904
6)	B beta-BHC	6.075	6.732	16352453	41438429	43.030	40.252
7)	B delta-BHC	6.333	6.998	37176636	89374413	43.191	42.383
8)	B Heptachlo...	6.999	7.958	36490413	83720919	43.222	42.560
9)	A Endosulfan I	7.401	8.363	33209689	72810848	43.407	42.755
10)	B gamma-Chl...	7.275	8.228	36733427	81994673	42.884	42.034
11)	B alpha-Chl...	7.345	8.308	36432255	78762837	42.895	42.259
12)	B 4,4'-DDE	7.561	8.498	32946741	76187351	44.213	43.047
13)	MA Dieldrin	7.687	8.652	35488865	78405913	43.087	42.255
14)	MA Endrin	7.978	8.891	30695507	60697972	41.258	40.276
15)	B Endosulfa...	8.290	9.126	32379477	65100335	45.004	43.785m
16)	A 4,4'-DDD	8.146	9.038	26905249	55982890	45.348	43.110
17)	MA 4,4'-DDT	8.406	9.354	28265887	57313527	43.844	41.979
18)	B Endrin al...	8.479	9.262	26020321	50758321	44.857	43.900
19)	B Endosulfa...	8.710	9.500	30038424	57293246	40.668	40.719
20)	A Methoxychlor	9.002	9.843	16592251	28400333	44.527	43.692
21)	B Endrin ke...	9.227	9.997	36243776	61067355	46.080	44.962
22)	Mirex	9.410	10.460	30818916	47769033	42.641	43.960

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

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 Data File : PL071679.D
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 Acq On : 28 Dec 2021 01:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

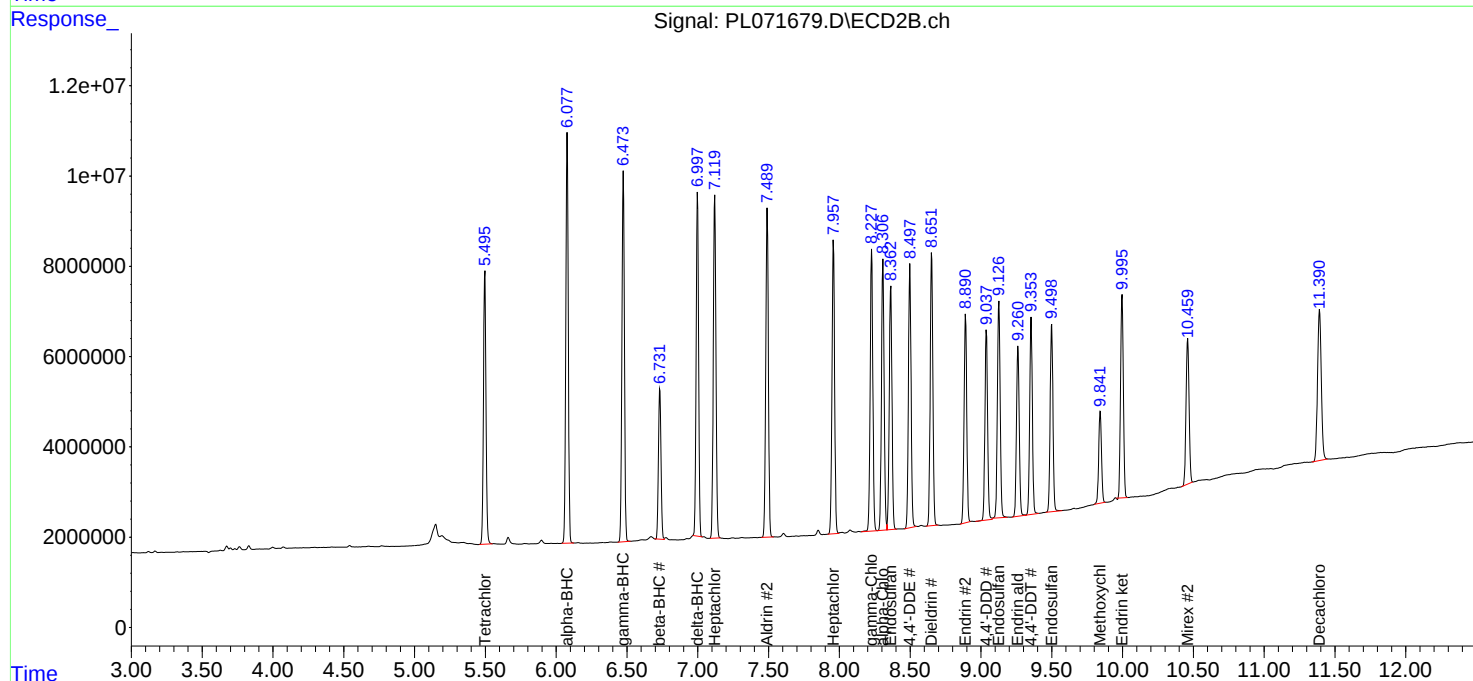
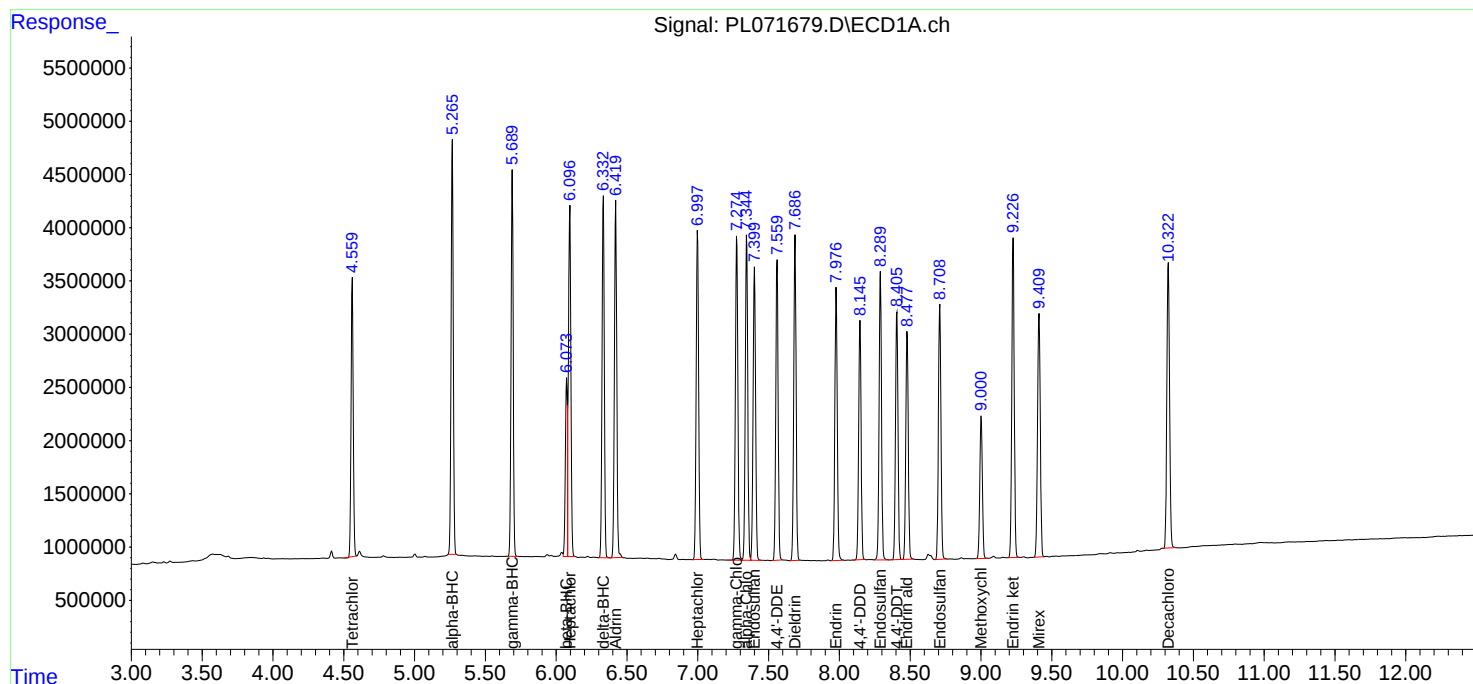
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

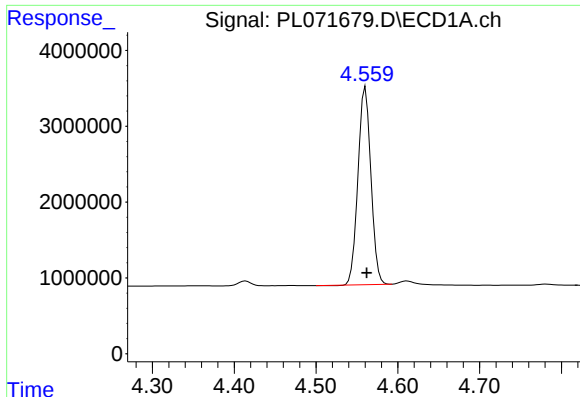
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 02:46:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
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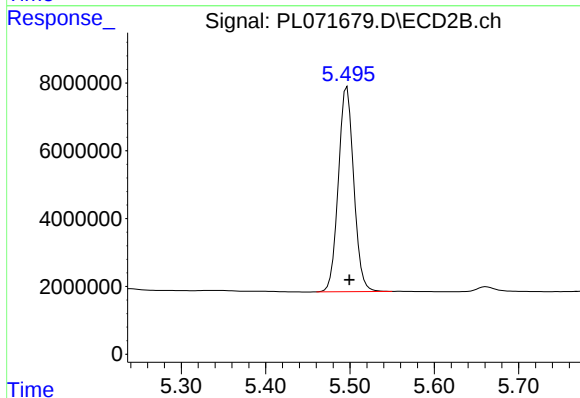
#1 Tetrachloro-m-xylene

R.T.: 4.560 min
Delta R.T.: -0.002 min
Response: 28661532
Conc: 44.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

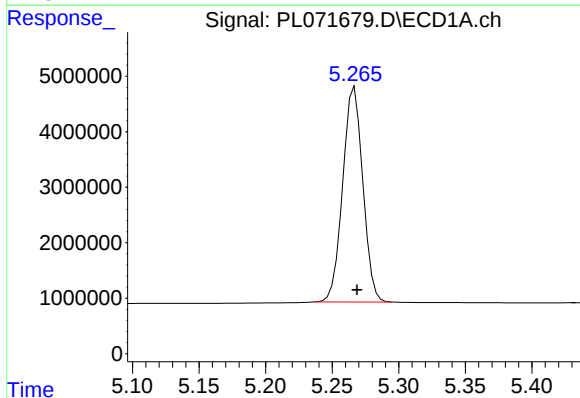
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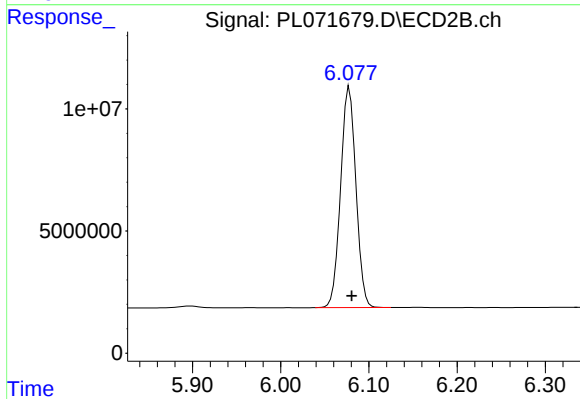
#1 Tetrachloro-m-xylene

R.T.: 5.497 min
Delta R.T.: -0.003 min
Response: 76549507
Conc: 44.86 ng/ml



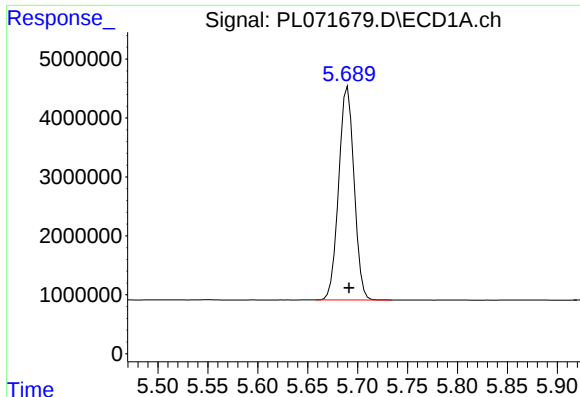
#2 alpha-BHC

R.T.: 5.267 min
Delta R.T.: -0.002 min
Response: 40767264
Conc: 44.84 ng/ml



#2 alpha-BHC

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 109084865
Conc: 44.68 ng/ml



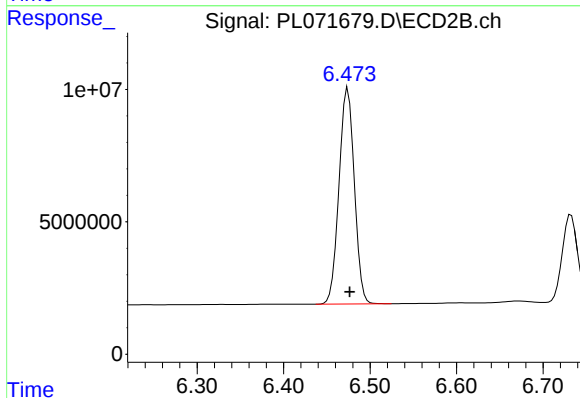
#3 gamma-BHC (Lindane)

R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 38738839
Conc: 44.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

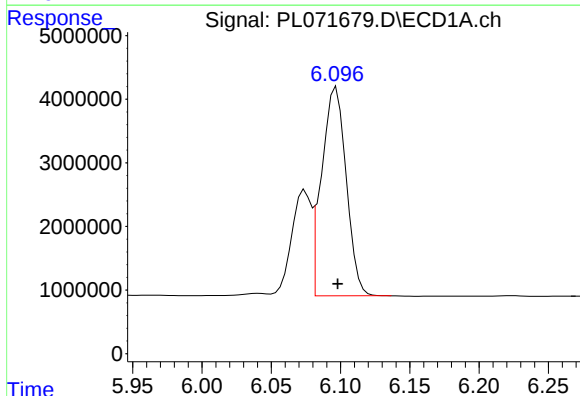
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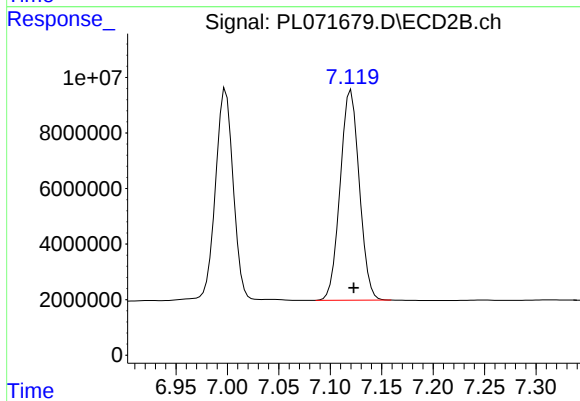
#3 gamma-BHC (Lindane)

R.T.: 6.474 min
Delta R.T.: -0.002 min
Response: 99885542
Conc: 44.06 ng/ml



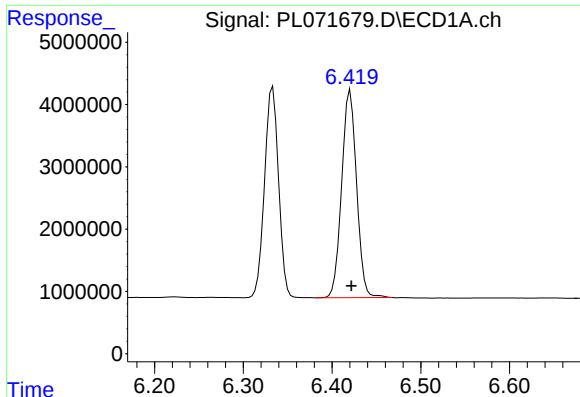
#4 Heptachlor

R.T.: 6.097 min
Delta R.T.: -0.001 min
Response: 40428039
Conc: 42.05 ng/ml



#4 Heptachlor

R.T.: 7.120 min
Delta R.T.: -0.003 min
Response: 98167819
Conc: 42.48 ng/ml



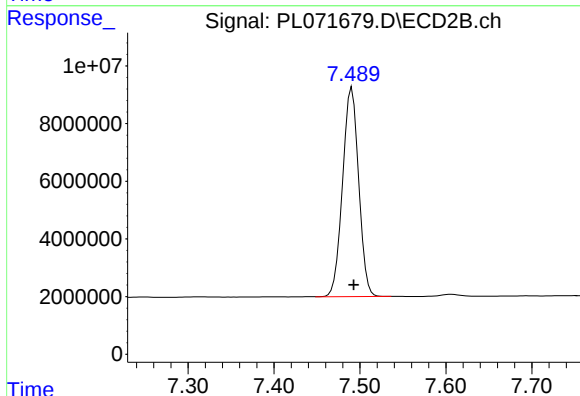
#5 Aldrin

R.T.: 6.420 min
Delta R.T.: -0.001 min
Response: 38888220
Conc: 43.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

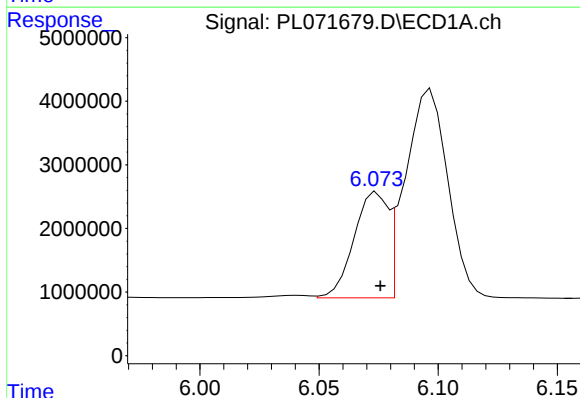
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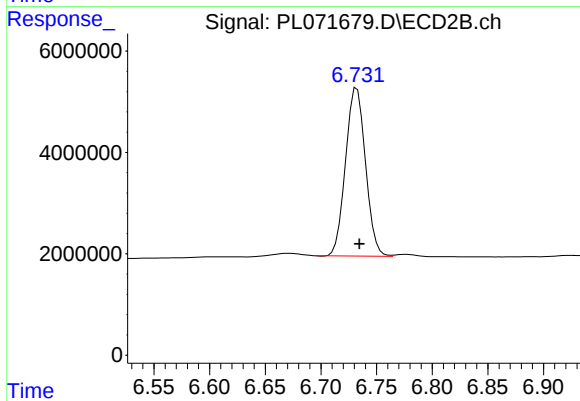
#5 Aldrin

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 94532276
Conc: 42.90 ng/ml



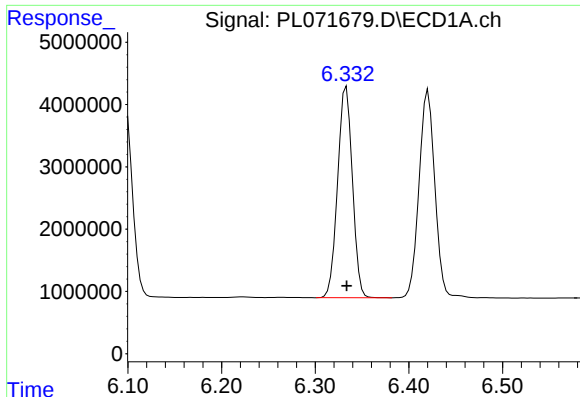
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 16352453
Conc: 43.03 ng/ml



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.002 min
Response: 41438429
Conc: 40.25 ng/ml



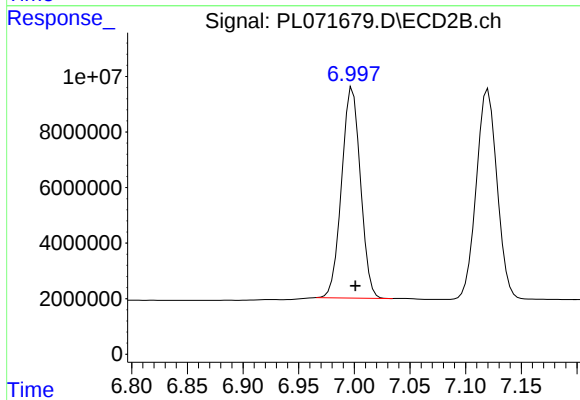
#7 delta-BHC

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 37176636
Conc: 43.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

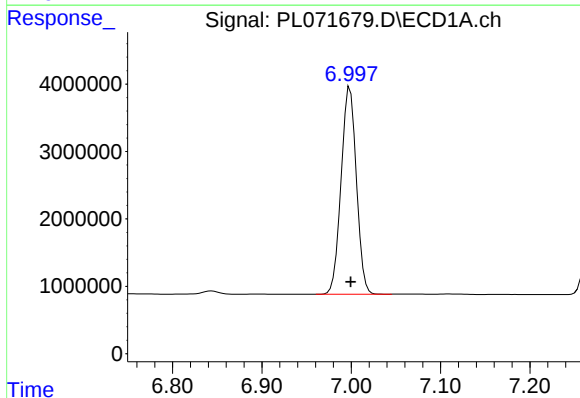
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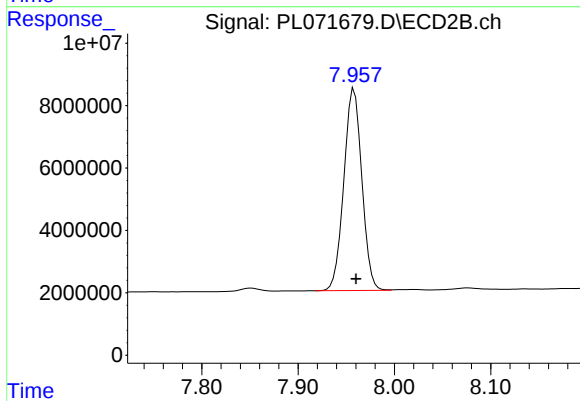
#7 delta-BHC

R.T.: 6.998 min
Delta R.T.: -0.003 min
Response: 89374413
Conc: 42.38 ng/ml



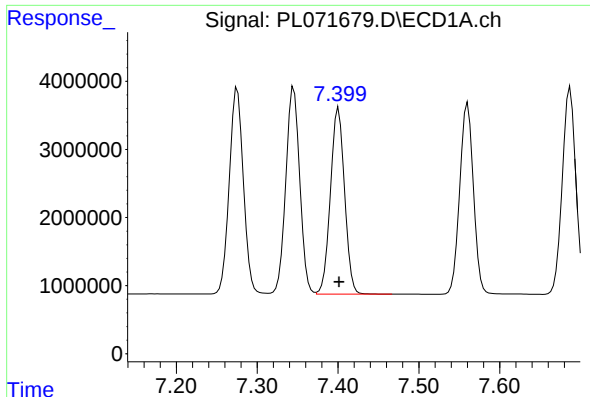
#8 Heptachlor epoxide

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 36490413
Conc: 43.22 ng/ml



#8 Heptachlor epoxide

R.T.: 7.958 min
Delta R.T.: -0.002 min
Response: 83720919
Conc: 42.56 ng/ml



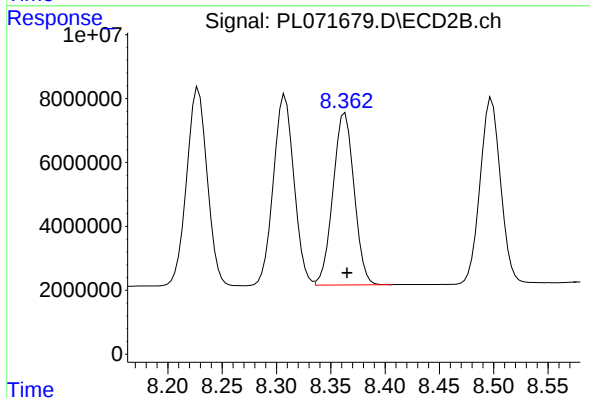
#9 Endosulfan I

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 33209689
Conc: 43.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

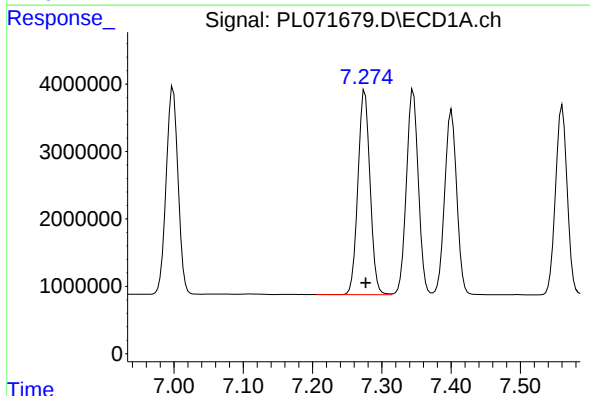
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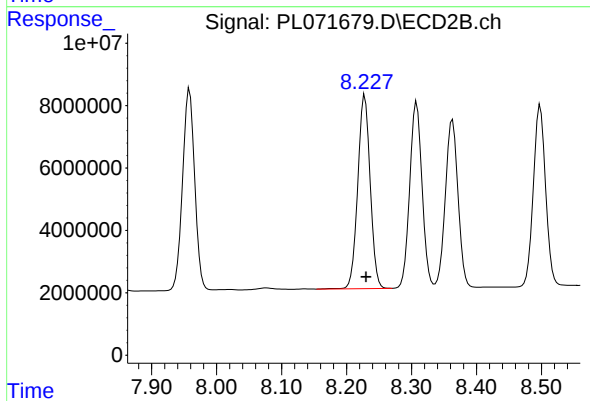
#9 Endosulfan I

R.T.: 8.363 min
Delta R.T.: -0.002 min
Response: 72810848
Conc: 42.76 ng/ml



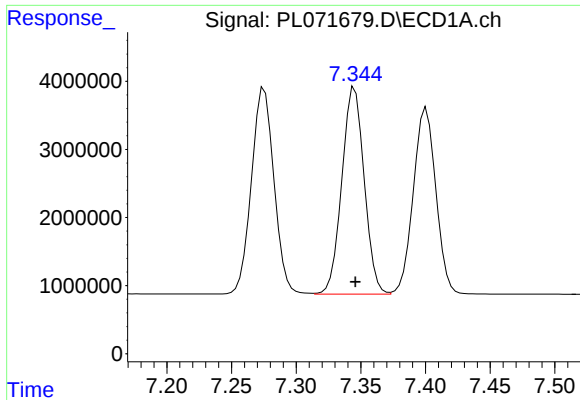
#10 gamma-Chlordane

R.T.: 7.275 min
Delta R.T.: -0.001 min
Response: 36733427
Conc: 42.88 ng/ml



#10 gamma-Chlordane

R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 81994673
Conc: 42.03 ng/ml



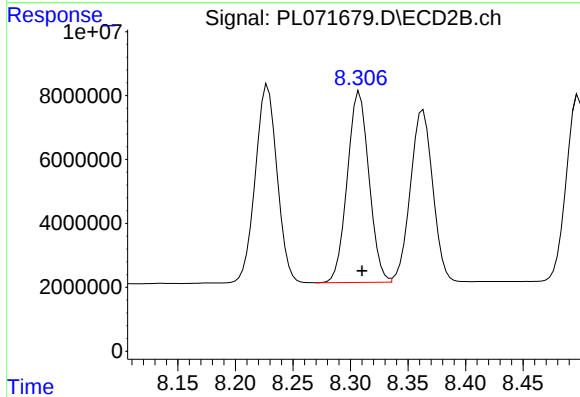
#11 alpha-Chlordane

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 36432255
Conc: 42.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

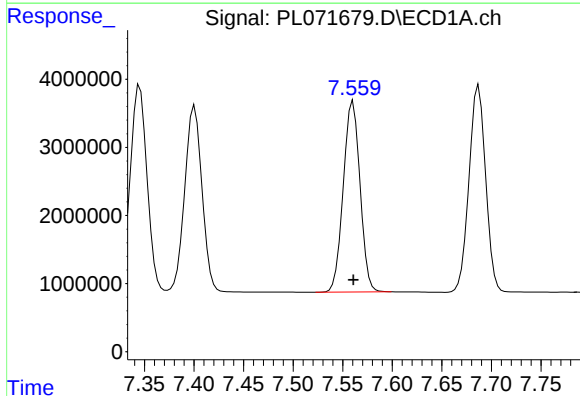
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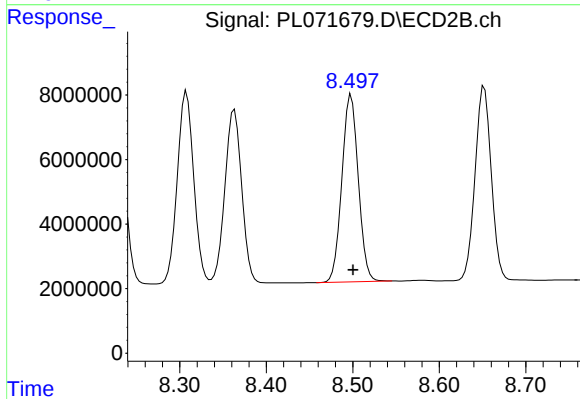
#11 alpha-Chlordane

R.T.: 8.308 min
Delta R.T.: -0.002 min
Response: 78762837
Conc: 42.26 ng/ml



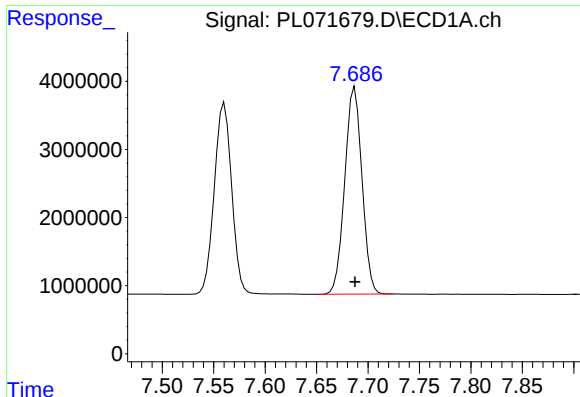
#12 4,4'-DDE

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 32946741
Conc: 44.21 ng/ml



#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 76187351
Conc: 43.05 ng/ml



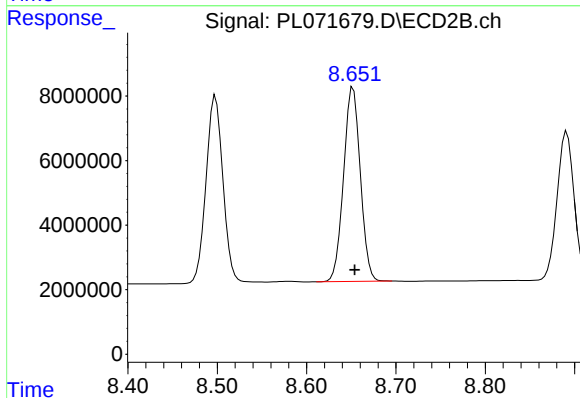
#13 Dieldrin

R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 35488865
Conc: 43.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

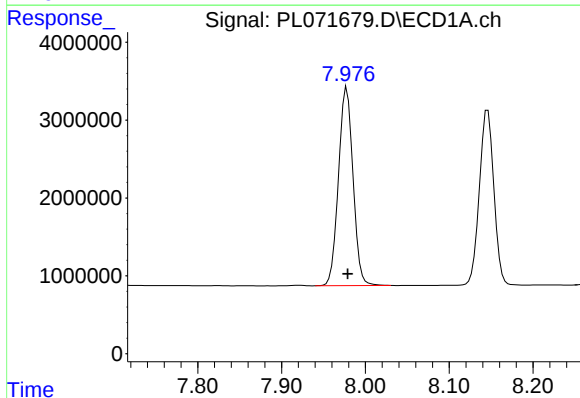
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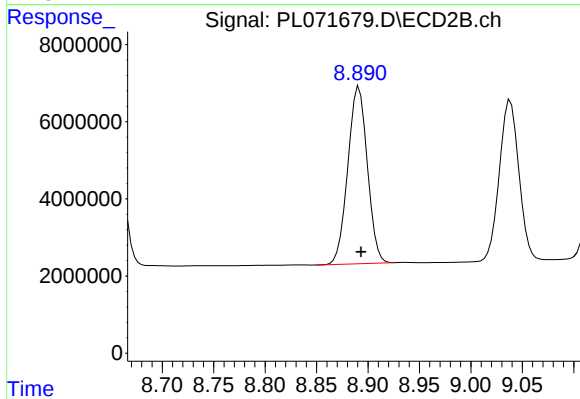
#13 Dieldrin

R.T.: 8.652 min
Delta R.T.: -0.002 min
Response: 78405913
Conc: 42.26 ng/ml



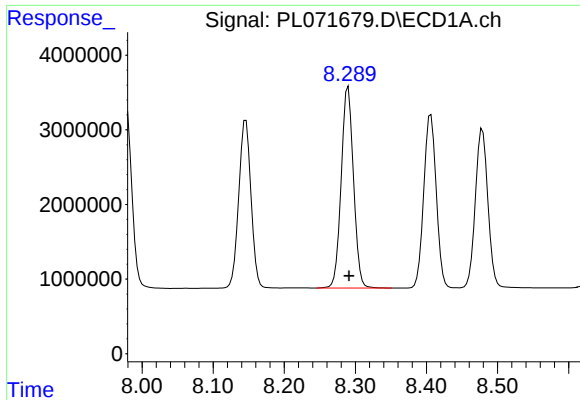
#14 Endrin

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 30695507
Conc: 41.26 ng/ml



#14 Endrin

R.T.: 8.891 min
Delta R.T.: -0.002 min
Response: 60697972
Conc: 40.28 ng/ml



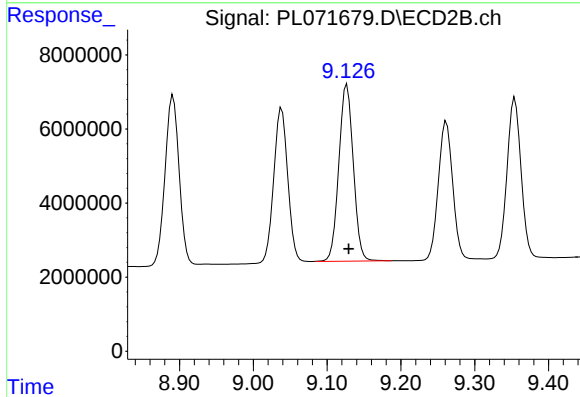
#15 Endosulfan II

R.T.: 8.290 min
Delta R.T.: -0.001 min
Response: 32379477
Conc: 45.00 ng/ml

Instrument :
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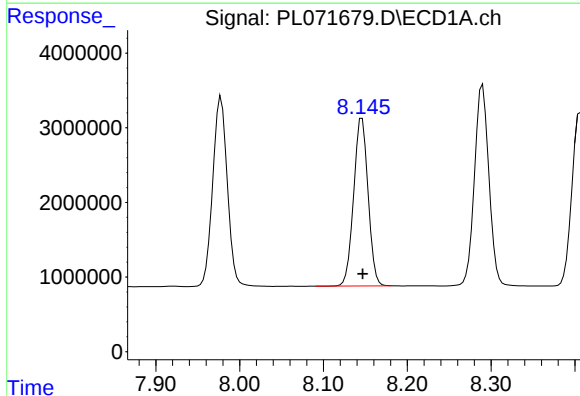
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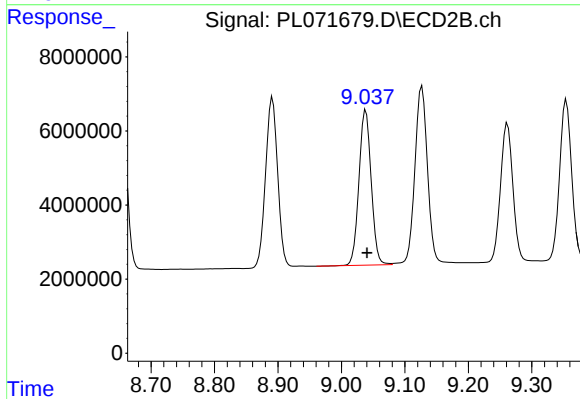
#15 Endosulfan II

R.T.: 9.126 min
Delta R.T.: -0.004 min
Response: 65100335
Conc: 43.79 ng/ml m



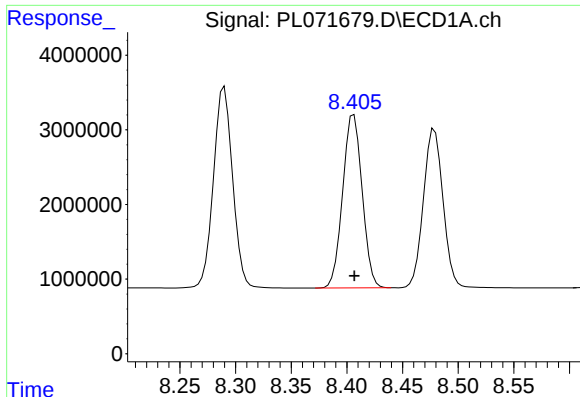
#16 4,4'-DDD

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 26905249
Conc: 45.35 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: -0.002 min
Response: 55982890
Conc: 43.11 ng/ml



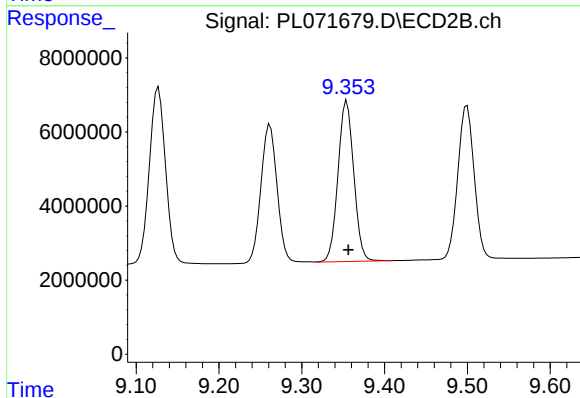
#17 4,4'-DDT

R.T.: 8.406 min
Delta R.T.: 0.000 min
Response: 28265887
Conc: 43.84 ng/ml

Instrument :
ECD_L
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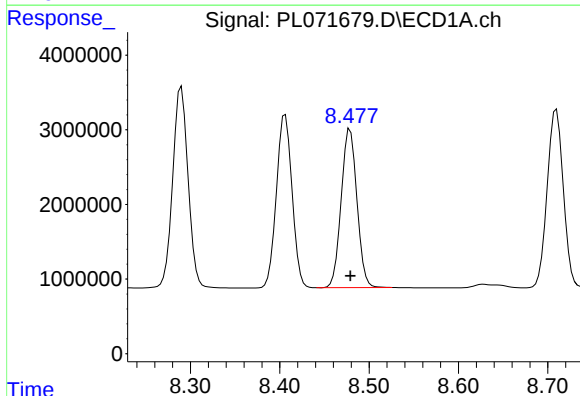
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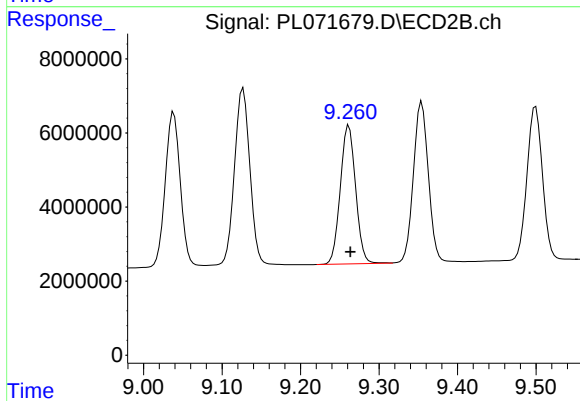
#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: -0.002 min
Response: 57313527
Conc: 41.98 ng/ml



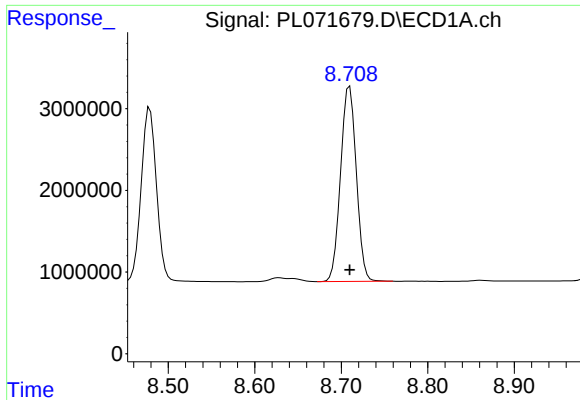
#18 Endrin aldehyde

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 26020321
Conc: 44.86 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: -0.002 min
Response: 50758321
Conc: 43.90 ng/ml



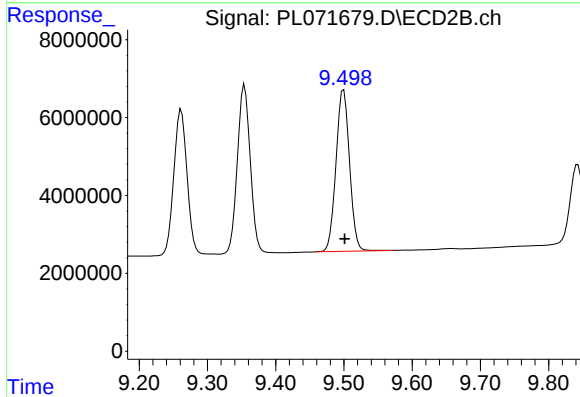
#19 Endosulfan Sulfate

R.T.: 8.710 min
Delta R.T.: 0.000 min
Response: 30038424
Conc: 40.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

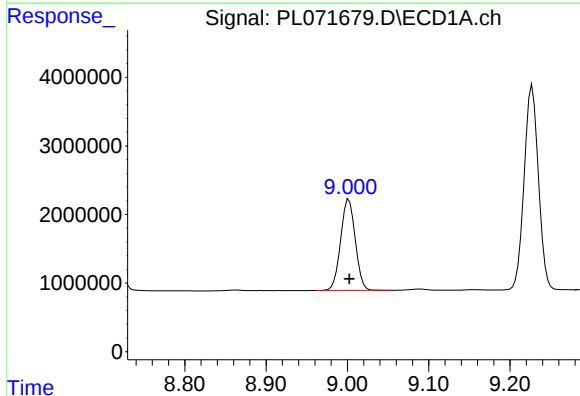
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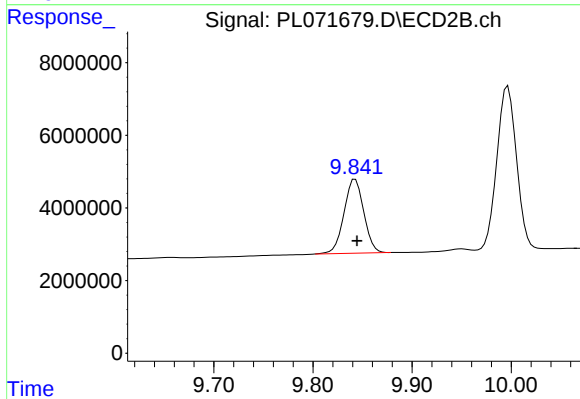
#19 Endosulfan Sulfate

R.T.: 9.500 min
Delta R.T.: -0.002 min
Response: 57293246
Conc: 40.72 ng/ml



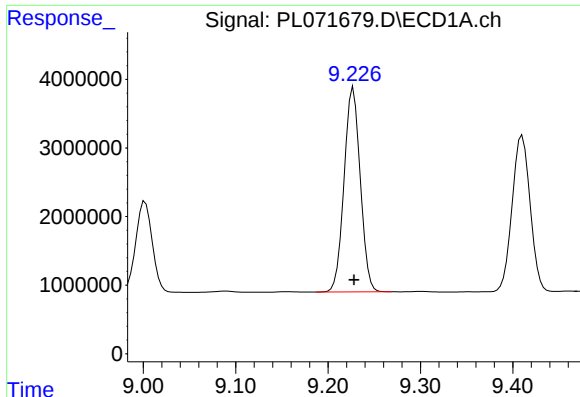
#20 Methoxychlor

R.T.: 9.002 min
Delta R.T.: 0.000 min
Response: 16592251
Conc: 44.53 ng/ml



#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: -0.002 min
Response: 28400333
Conc: 43.69 ng/ml



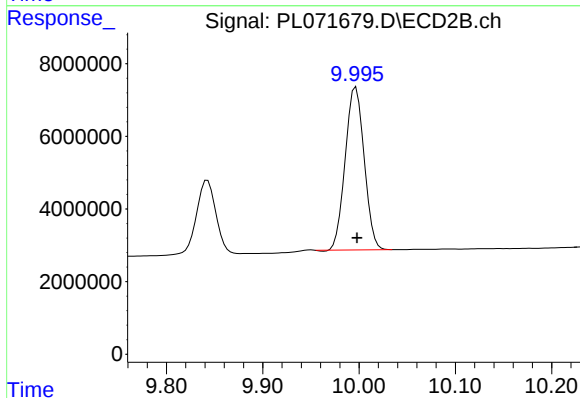
#21 Endrin ketone

R.T.: 9.227 min
Delta R.T.: 0.000 min
Response: 36243776
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

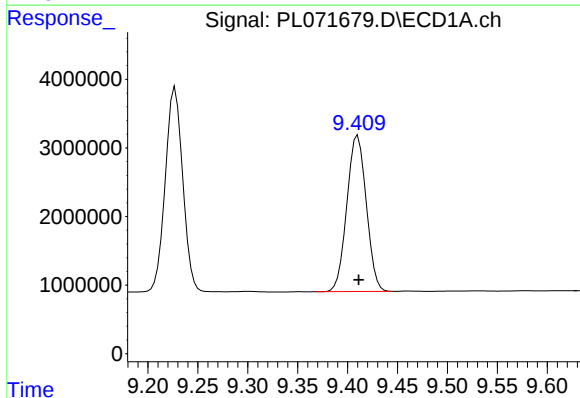
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
Supervised By :mohammad ahmed 12/29/2021



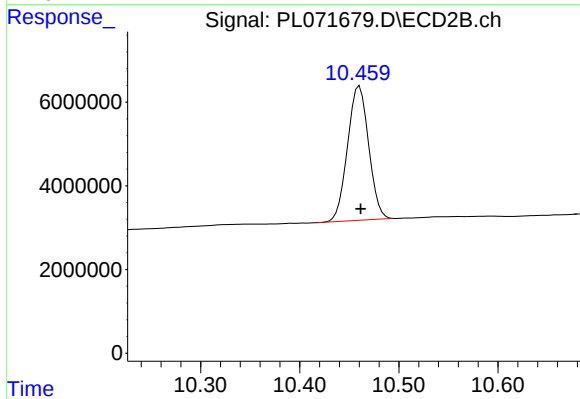
#21 Endrin ketone

R.T.: 9.997 min
Delta R.T.: -0.001 min
Response: 61067355
Conc: 44.96 ng/ml



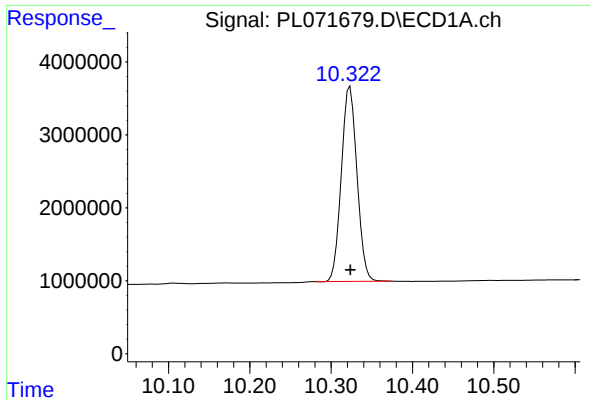
#22 Mirex

R.T.: 9.410 min
Delta R.T.: 0.000 min
Response: 30818916
Conc: 42.64 ng/ml



#22 Mirex

R.T.: 10.460 min
Delta R.T.: -0.001 min
Response: 47769033
Conc: 43.96 ng/ml



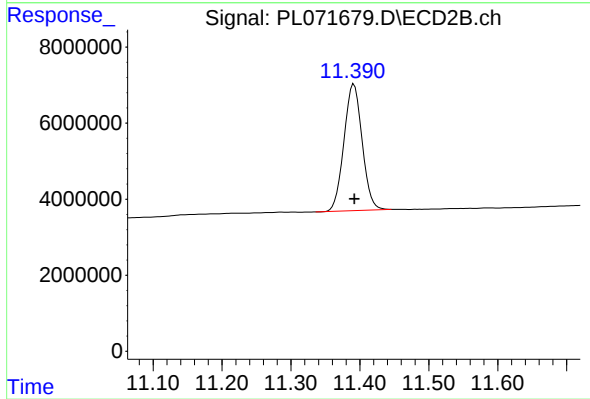
#28 Decachlorobiphenyl

R.T.: 10.323 min
Delta R.T.: 0.000 min
Response: 35649558
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.391 min
Delta R.T.: 0.000 min
Response: 61049429
Conc: 48.71 ng/ml