

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020922\
 Data File : PL072573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2022 13:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/10/2022
 Supervised By :Ankita Jodhani 02/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 01:57:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.557	5.492	21963215	79243123	45.613	45.875
28)	SA Decachlor...	10.318	11.385	34494251	79665952	45.564	50.238
Target Compounds							
2)	A alpha-BHC	5.263	6.074	30447484	117.1E6	46.178	48.891
3)	MA gamma-BHC...	5.686	6.470	29309455	110.1E6	46.635	47.813
4)	MA Heptachlor	6.092	7.116	32472366	107.5E6	44.487	47.219
5)	MB Aldrin	6.416	7.486	29865636	103.3E6	46.256	48.336
6)	B beta-BHC	6.071	6.731	10930596	48825624	44.112m	47.895
7)	B delta-BHC	6.330	6.996	31355382	110.7E6	47.356	48.324
8)	B Heptachlo...	6.993	7.954	29364506	93418754	46.577	48.422
9)	A Endosulfan I	7.396	8.360	27464957	84963914	46.945	48.565
10)	B gamma-Chl...	7.270	8.224	29436303	93455613	46.469	48.316
11)	B alpha-Chl...	7.340	8.304	29661228	91874022	46.580	48.355
12)	B 4,4'-DDE	7.555	8.495	28490027	90535061	46.881	48.438
13)	MA Dieldrin	7.682	8.648	29369400	91284181	46.507	48.981
14)	MA Endrin	7.973	8.887	24910027	71377216	42.523	45.300
15)	B Endosulfa...	8.286	9.124	28222985	81035544	46.389	48.197
16)	A 4,4'-DDD	8.142	9.035	24189010	72554251	50.279	52.432
17)	MA 4,4'-DDT	8.402	9.352	23105126	68701372	42.940	44.878
18)	B Endrin al...	8.474	9.259	22054517	61030679	50.597	54.227
19)	B Endosulfa...	8.706	9.497	28051243	75552813	47.137	50.504
20)	A Methoxychlor	8.997	9.840	15052294	37206272	42.808	45.953
21)	B Endrin ke...	9.223	9.993	34610634	84026095	50.359	52.737
22)	Mirex	9.405	10.455	27980808	60247076	47.165	51.322

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

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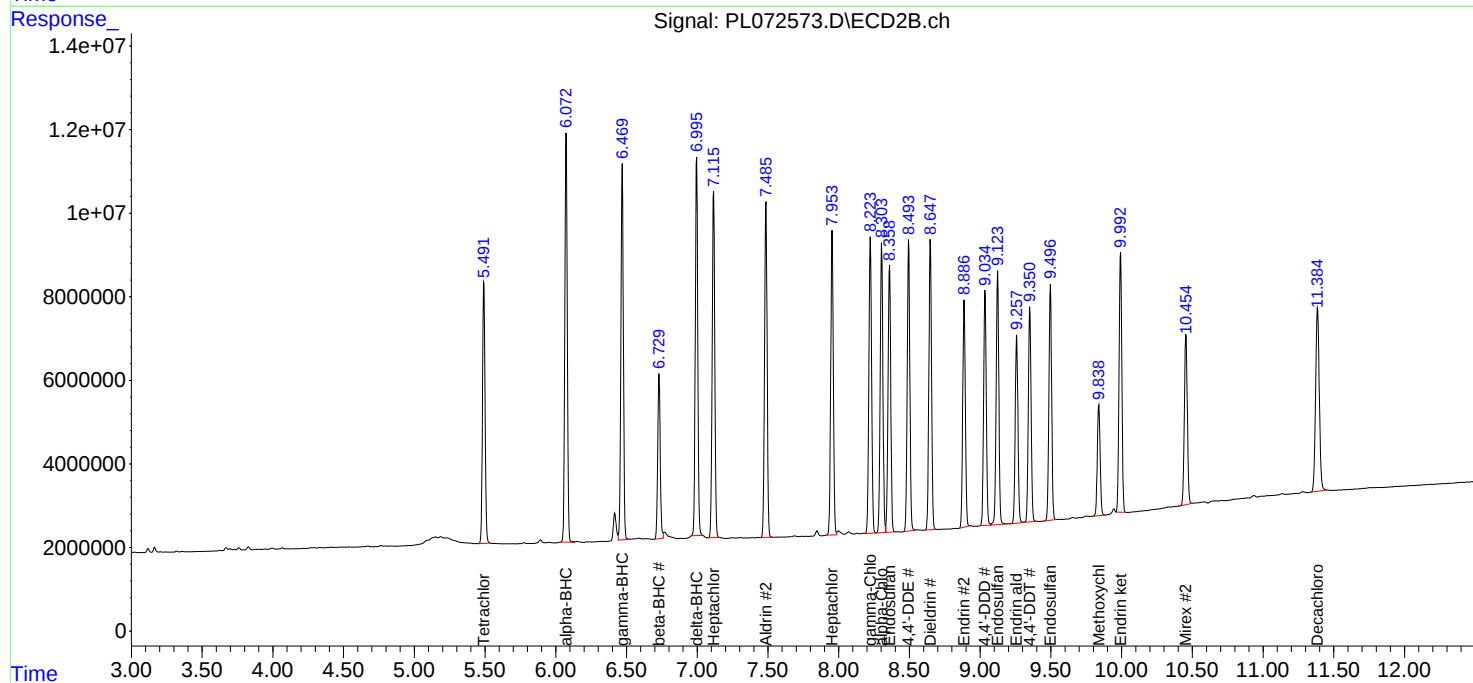
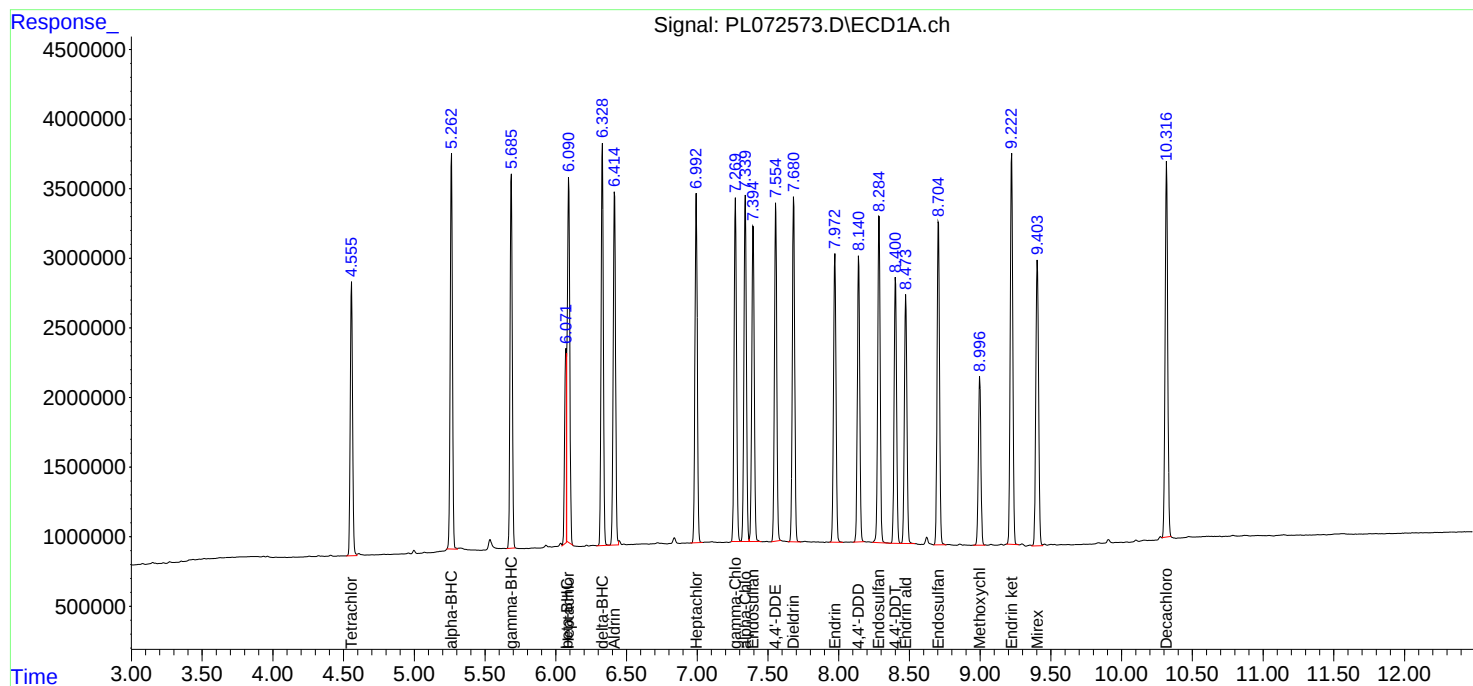
Manual Integrations

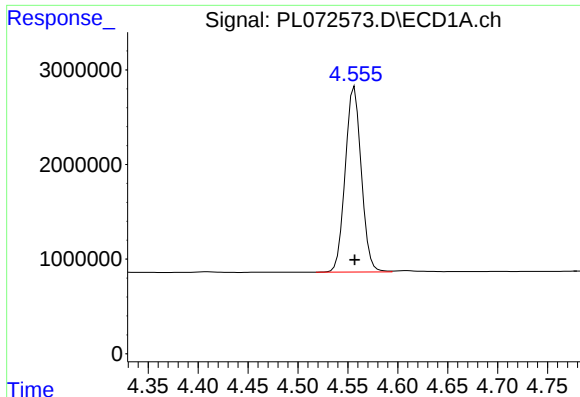
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Integration File signal 1: autoint1.e
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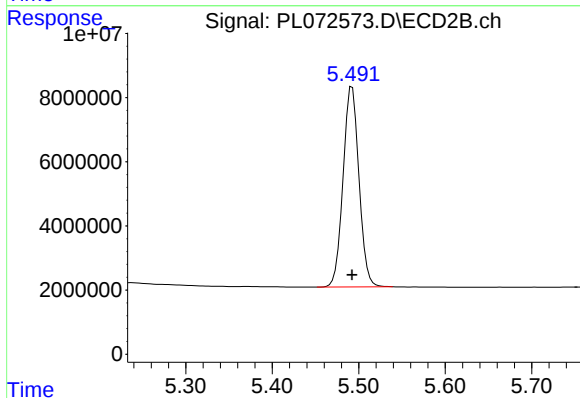
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 21963215
Conc: 45.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

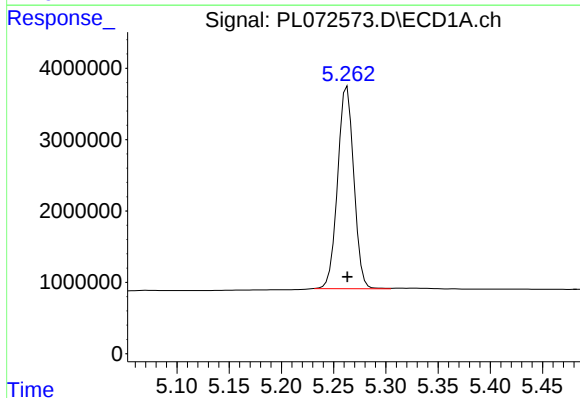
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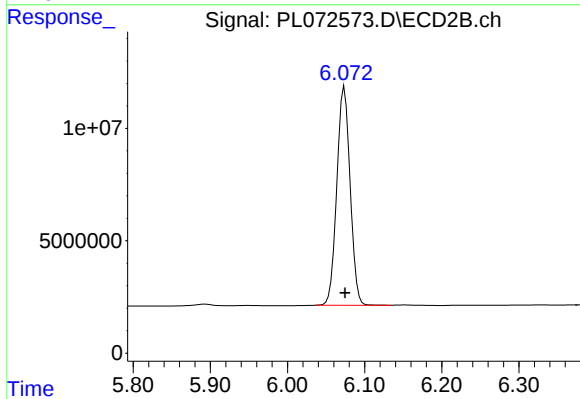
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 79243123
Conc: 45.87 ng/ml



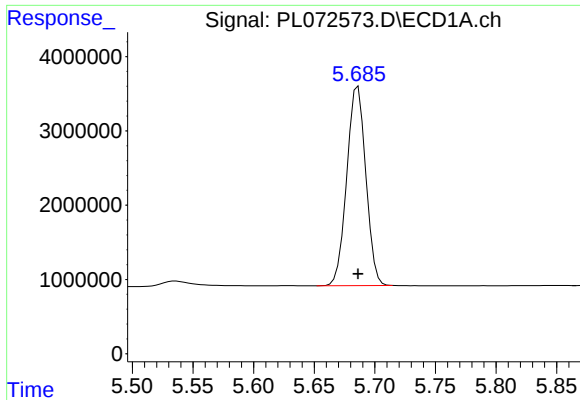
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 30447484
Conc: 46.18 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 117081492
Conc: 48.89 ng/ml



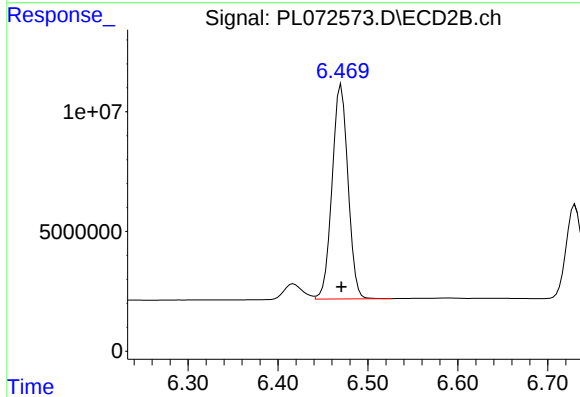
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 29309455
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

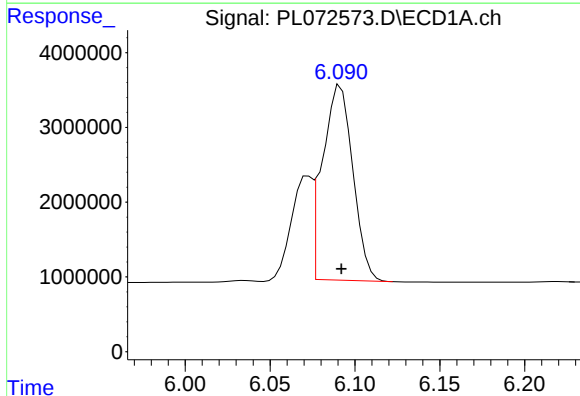
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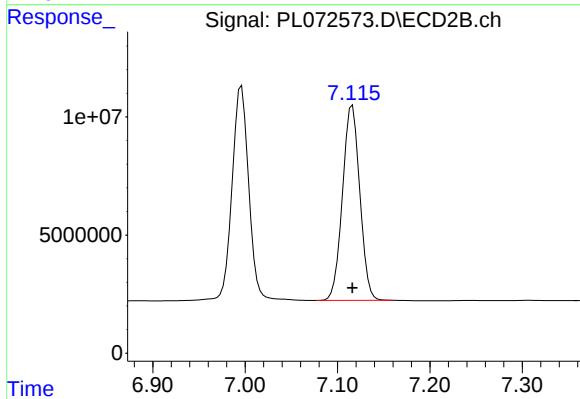
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 110087811
Conc: 47.81 ng/ml



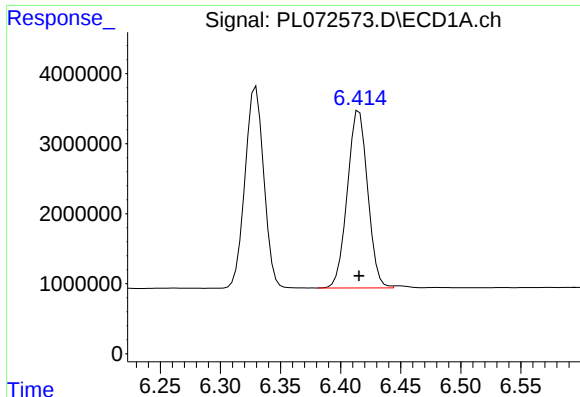
#4 Heptachlor

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 32472366
Conc: 44.49 ng/ml



#4 Heptachlor

R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 107509620
Conc: 47.22 ng/ml



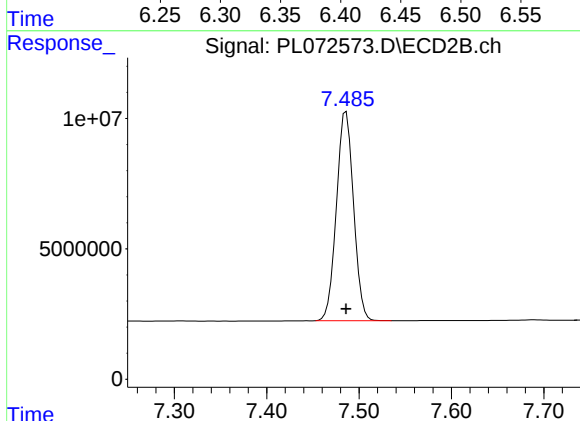
#5 Aldrin

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 29865636
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

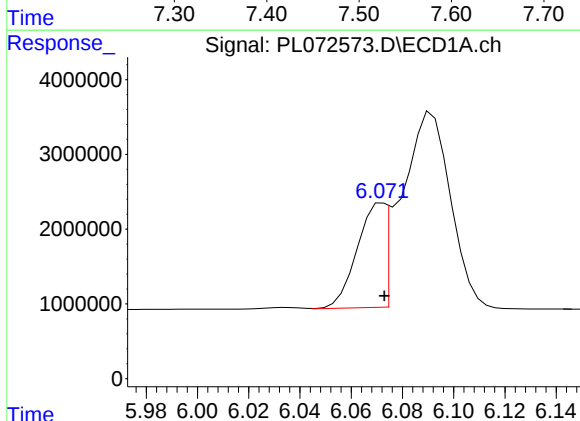
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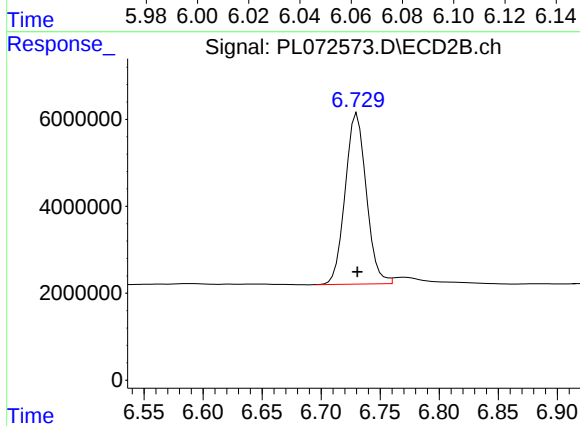
#5 Aldrin

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 103331134
Conc: 48.34 ng/ml



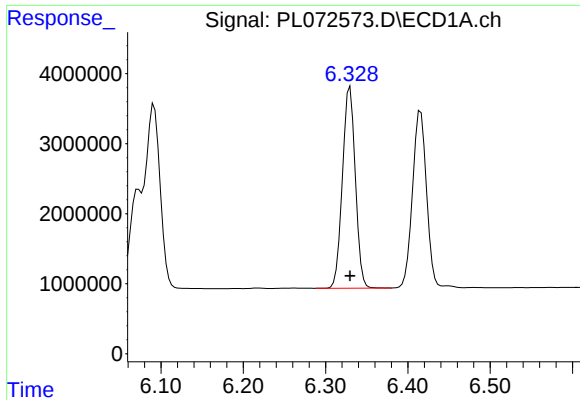
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 10930596
Conc: 44.11 ng/ml m



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 48825624
Conc: 47.90 ng/ml



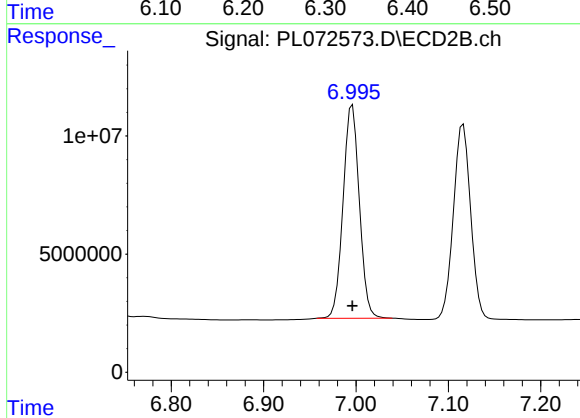
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 31355382
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

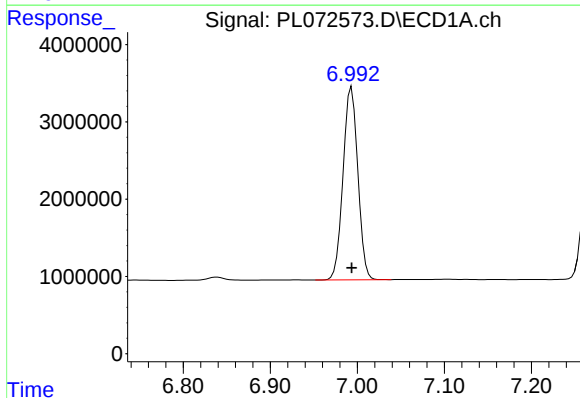
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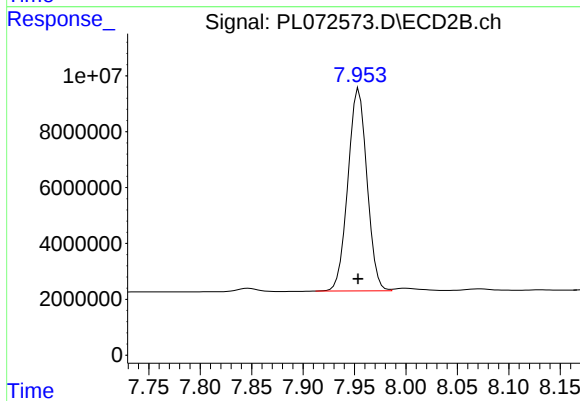
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 110711094
Conc: 48.32 ng/ml



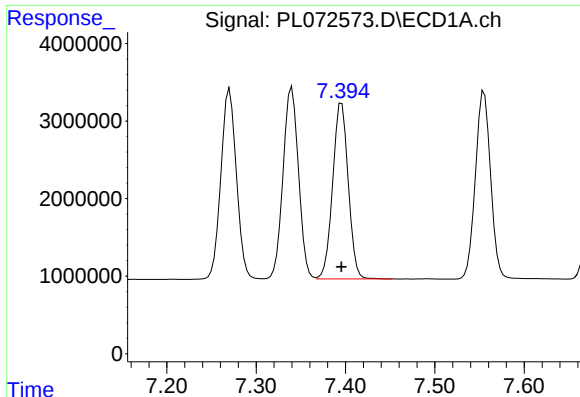
#8 Heptachlor epoxide

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 29364506
Conc: 46.58 ng/ml



#8 Heptachlor epoxide

R.T.: 7.954 min
Delta R.T.: 0.000 min
Response: 93418754
Conc: 48.42 ng/ml



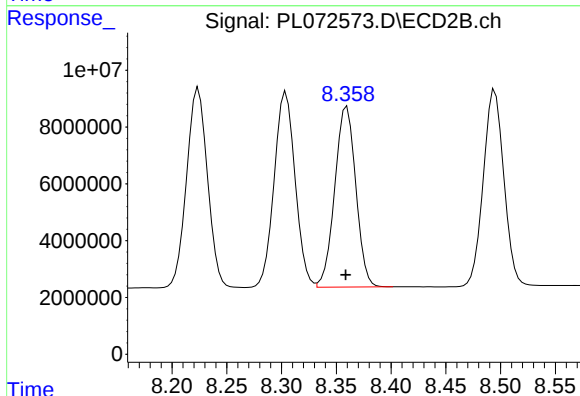
#9 Endosulfan I

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 27464957
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

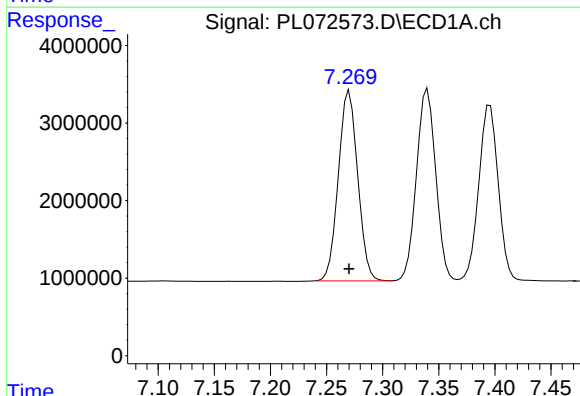
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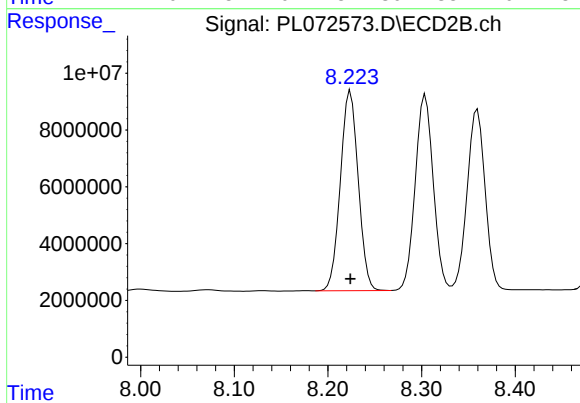
#9 Endosulfan I

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 84963914
Conc: 48.56 ng/ml



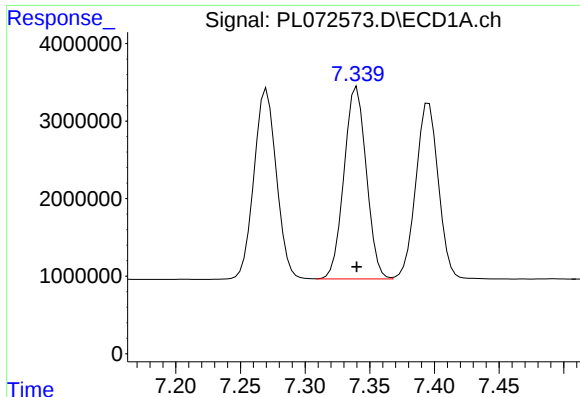
#10 gamma-Chlordane

R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 29436303
Conc: 46.47 ng/ml



#10 gamma-Chlordane

R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 93455613
Conc: 48.32 ng/ml



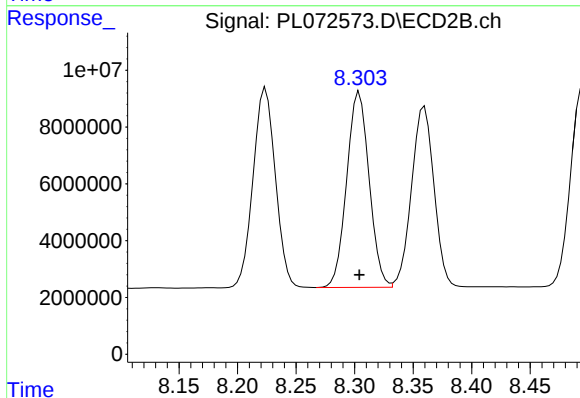
#11 alpha-Chlordane

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 29661228
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

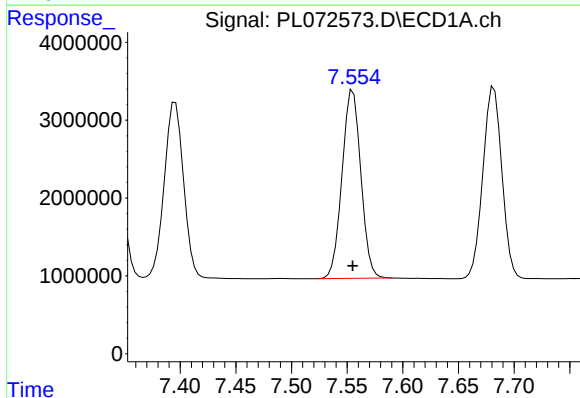
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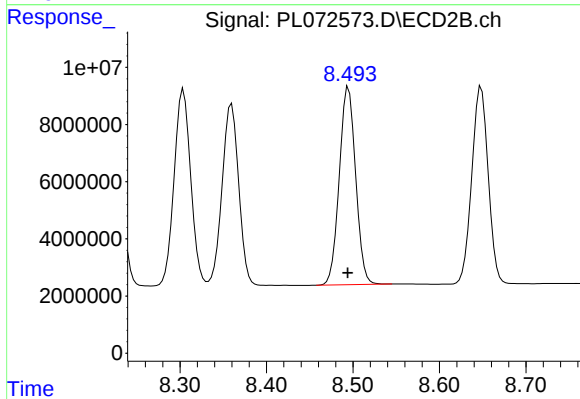
#11 alpha-Chlordane

R.T.: 8.304 min
Delta R.T.: 0.000 min
Response: 91874022
Conc: 48.36 ng/ml



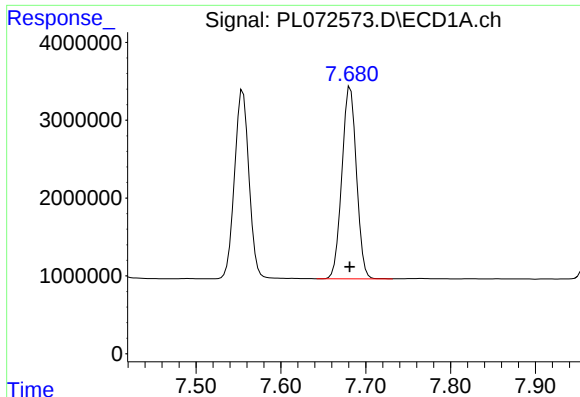
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 28490027
Conc: 46.88 ng/ml



#12 4,4'-DDE

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 90535061
Conc: 48.44 ng/ml



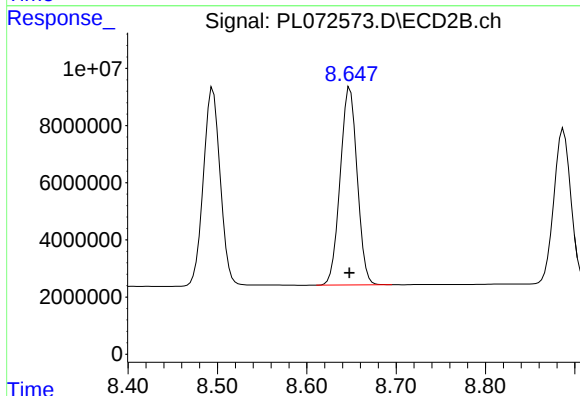
#13 Dieldrin

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 29369400
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

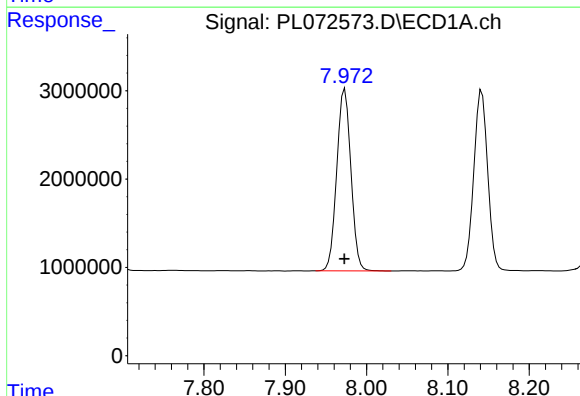
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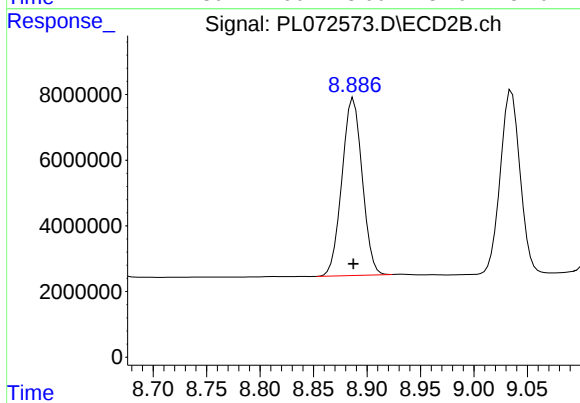
#13 Dieldrin

R.T.: 8.648 min
Delta R.T.: 0.000 min
Response: 91284181
Conc: 48.98 ng/ml



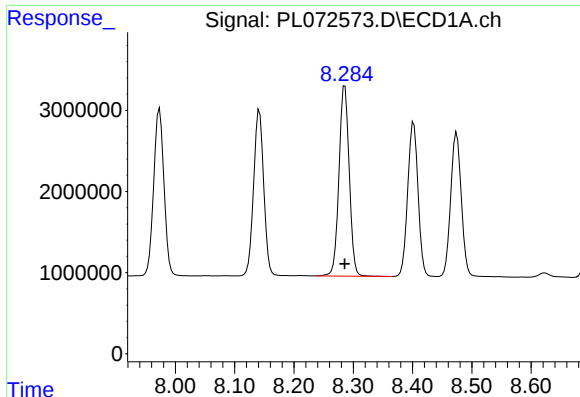
#14 Endrin

R.T.: 7.973 min
Delta R.T.: 0.000 min
Response: 24910027
Conc: 42.52 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 71377216
Conc: 45.30 ng/ml



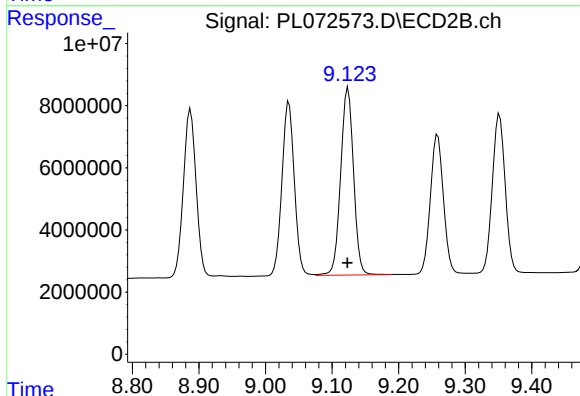
#15 Endosulfan II

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 28222985
Conc: 46.39 ng/ml

Instrument :
ECD_L
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PSTDCCC050

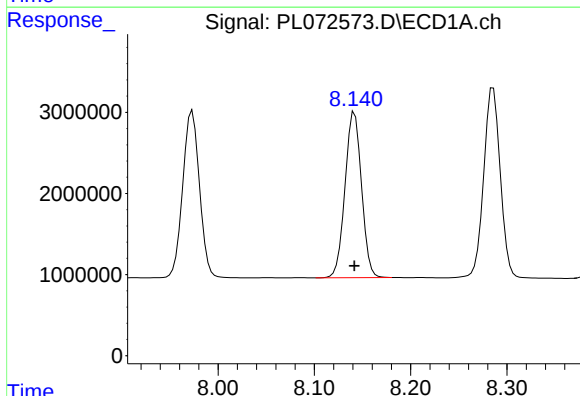
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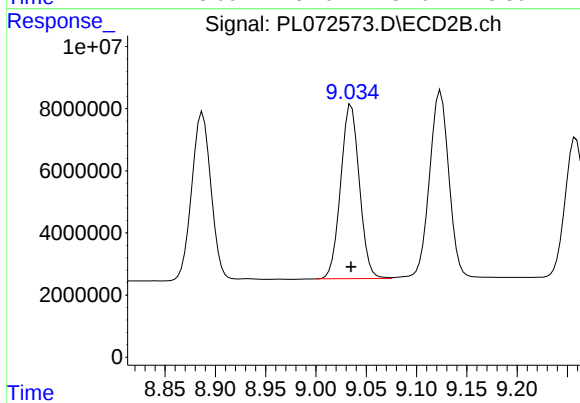
#15 Endosulfan II

R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 81035544
Conc: 48.20 ng/ml



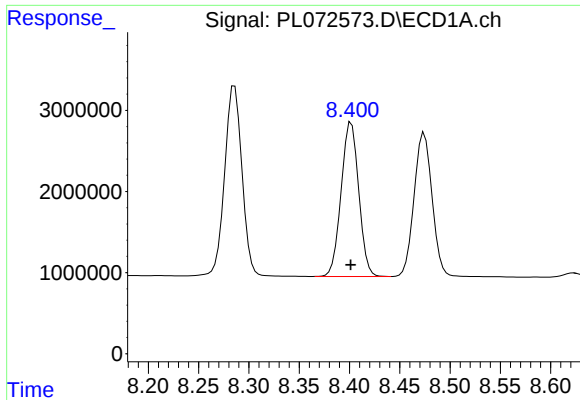
#16 4,4'-DDD

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 24189010
Conc: 50.28 ng/ml



#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 72554251
Conc: 52.43 ng/ml



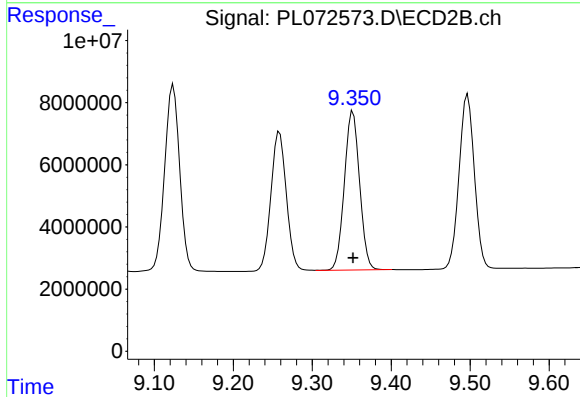
#17 4,4'-DDT

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 23105126
Conc: 42.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

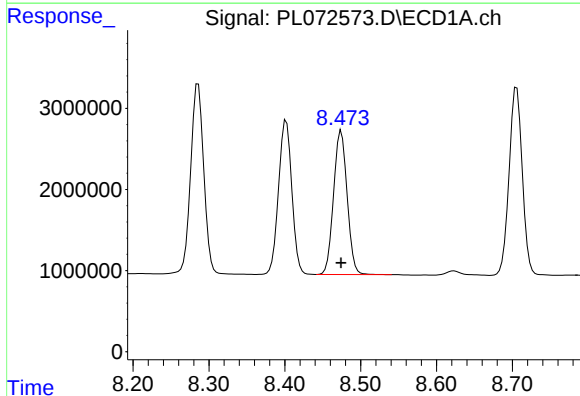
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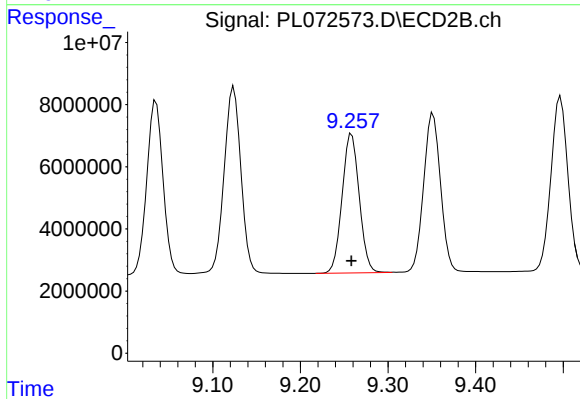
#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 68701372
Conc: 44.88 ng/ml



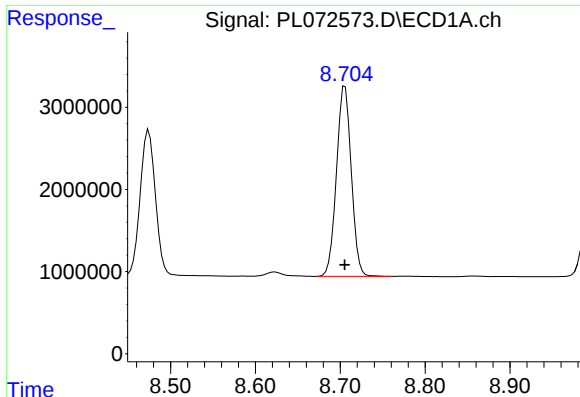
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 22054517
Conc: 50.60 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: 0.000 min
Response: 61030679
Conc: 54.23 ng/ml



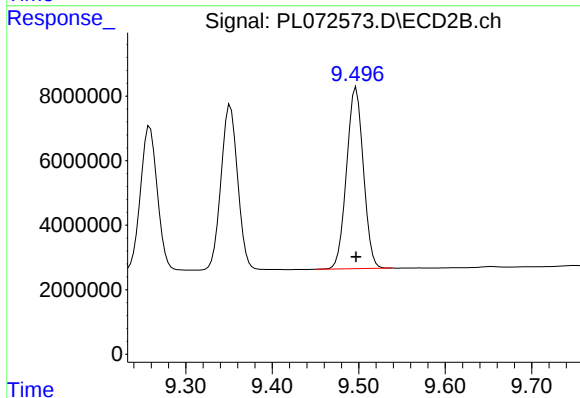
#19 Endosulfan Sulfate

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 28051243
Conc: 47.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

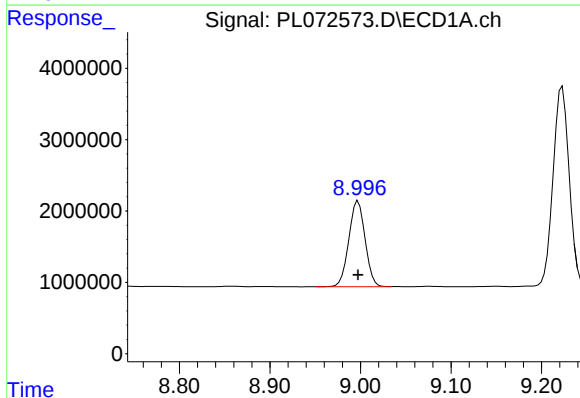
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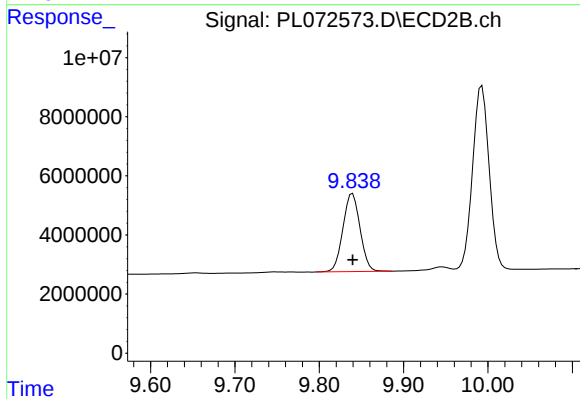
#19 Endosulfan Sulfate

R.T.: 9.497 min
Delta R.T.: 0.000 min
Response: 75552813
Conc: 50.50 ng/ml



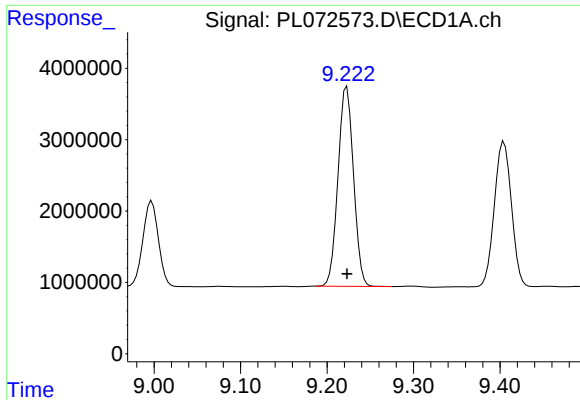
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: 0.000 min
Response: 15052294
Conc: 42.81 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: 0.000 min
Response: 37206272
Conc: 45.95 ng/ml



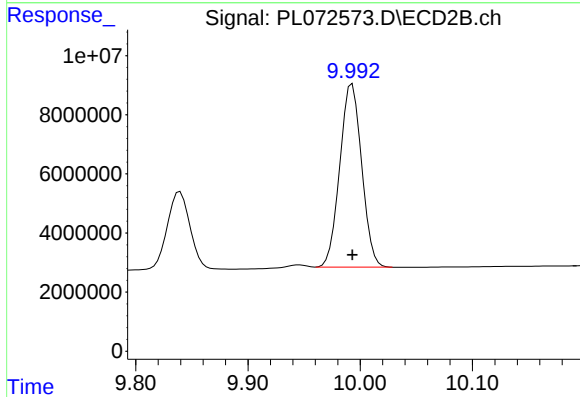
#21 Endrin ketone

R.T.: 9.223 min
Delta R.T.: 0.000 min
Response: 34610634
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

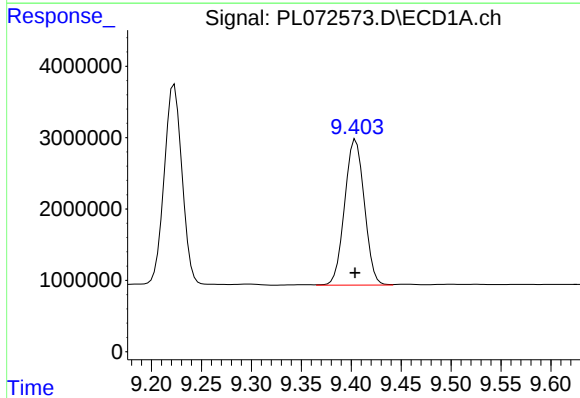
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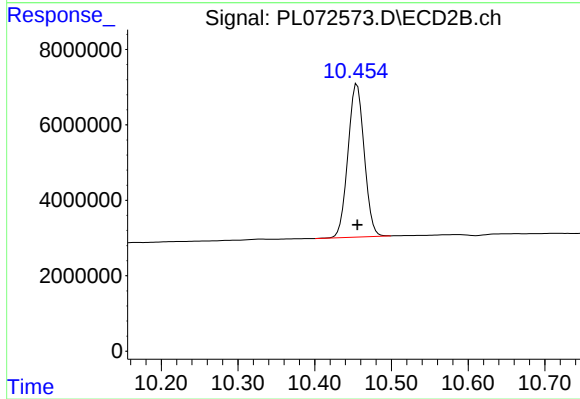
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: 0.000 min
Response: 84026095
Conc: 52.74 ng/ml



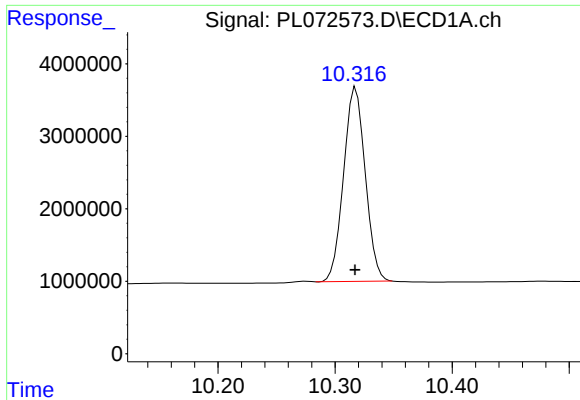
#22 Mirex

R.T.: 9.405 min
Delta R.T.: 0.000 min
Response: 27980808
Conc: 47.17 ng/ml



#22 Mirex

R.T.: 10.455 min
Delta R.T.: 0.000 min
Response: 60247076
Conc: 51.32 ng/ml



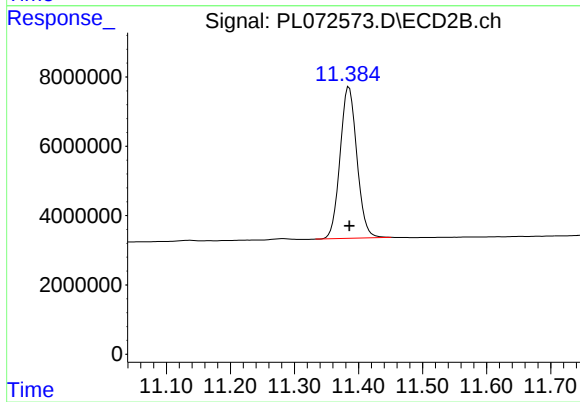
#28 Decachlorobiphenyl

R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 34494251
Conc: 45.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 79665952
Conc: 50.24 ng/ml