

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012422\
 Data File : PL072187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2022 15:52
 Operator : AR\AJ
 Sample : N1233-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RT4743MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/25/2022
 Supervised By : Ankita Jodhani 01/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 02:04:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.556	5.492	10539560	32653777	18.984	20.106
28)	SA Decachlor...	10.320	11.386	15473627	28766409	17.417	17.829
Target Compounds							
2)	A alpha-BHC	5.263	6.074	33230314	104.2E6	42.977	43.170
3)	MA gamma-BHC...	5.687	6.470	32912828	96702010	43.650	42.973
4)	MA Heptachlor	6.093	7.116	37034113	99555818	42.928	42.940
5)	MB Aldrin	6.416	7.486	35333782	97464618	44.747	44.077
6)	B beta-BHC	6.071	6.729	14714789	42745882	44.514	43.173
7)	B delta-BHC	6.329	6.995	23412122	67501249	29.555	27.436
8)	B Heptachlo...	6.994	7.954	33903090	89833871	44.537	44.865
9)	A Endosulfan I	7.397	8.359	31922952	79315960	44.917	43.819
10)	B gamma-Chl...	7.271	8.224	35027984	89501363	44.581	44.290
11)	B alpha-Chl...	7.341	8.304	34709731	85988647	44.245	43.367
12)	B 4,4'-DDE	7.556	8.494	33056391	76610327	45.786	40.508
13)	MA Dieldrin	7.683	8.649	34295559	79345851	45.268	40.388
14)	MA Endrin	7.974	8.887	30694535	68854027	43.808	41.528
15)	B Endosulfa...	8.287	9.123	31705094	73204922	42.642	42.687
16)	A 4,4'-DDD	8.143	9.034	27162279	67087068	46.334	46.921m
17)	MA 4,4'-DDT	8.403	9.350	26305921	62670446	39.613	39.651m
18)	B Endrin al...	8.476	9.258	23118745	52422250	40.577	42.229
19)	B Endosulfa...	8.707	9.497	29285418	63854796	39.943	40.902
20)	A Methoxychlor	9.000	9.840	16197210	32238985	38.392	38.920
21)	B Endrin ke...	9.225	9.993	36513488	74309618	43.850	44.900
22)	Mirex	9.406	10.456	34642879	60858630	46.911	48.774

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012422\
 Data File : PL072187.D
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 Acq On : 24 Jan 2022 15:52
 Operator : AR\AJ
 Sample : N1233-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

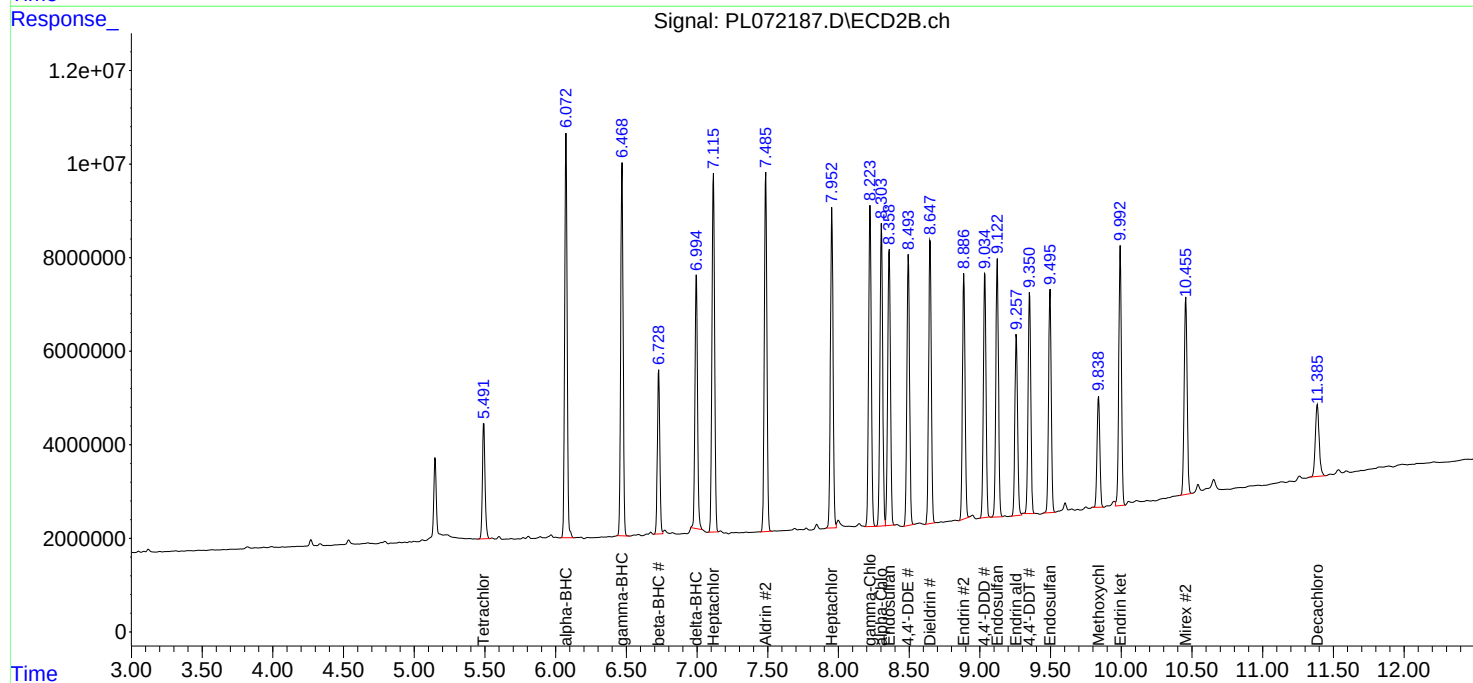
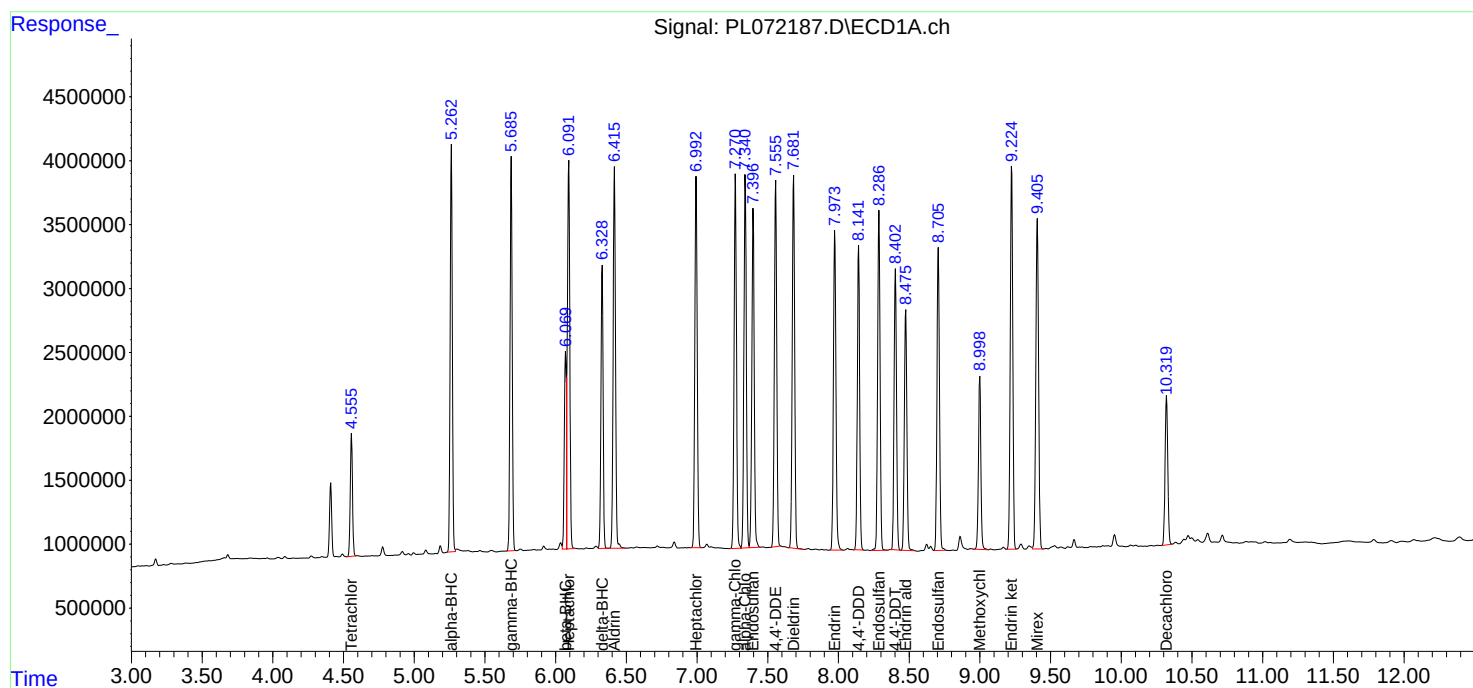
Instrument :
 ECD_L
 ClientSampleId :
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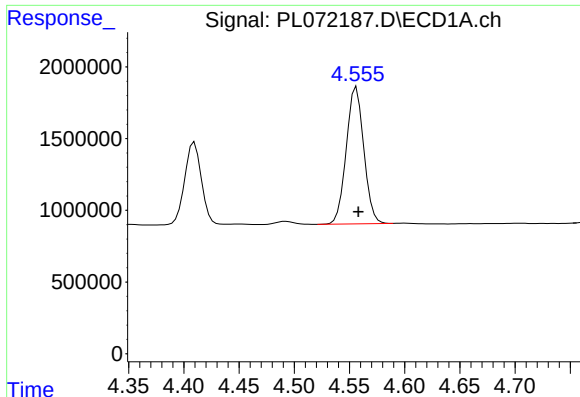
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 01/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 02:04:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
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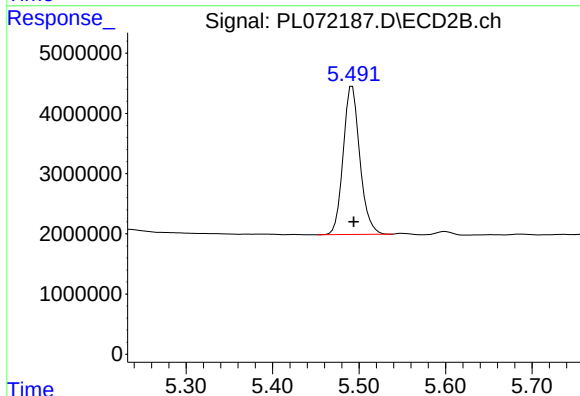
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 10539560
Conc: 18.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743MSD

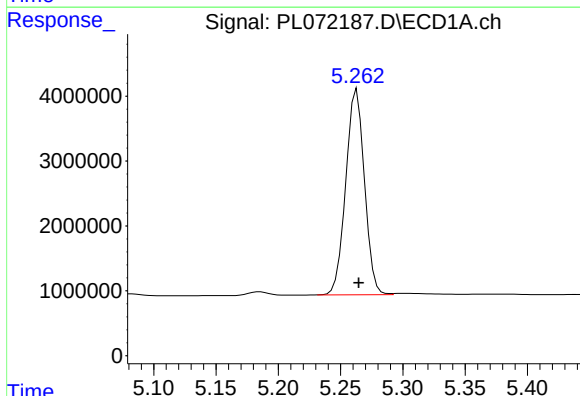
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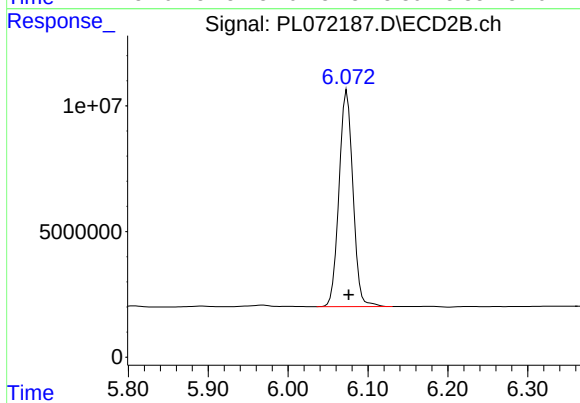
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 32653777
Conc: 20.11 ng/ml



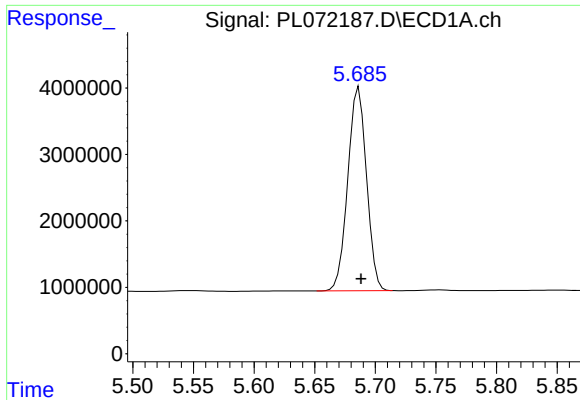
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 33230314
Conc: 42.98 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 104163730
Conc: 43.17 ng/ml



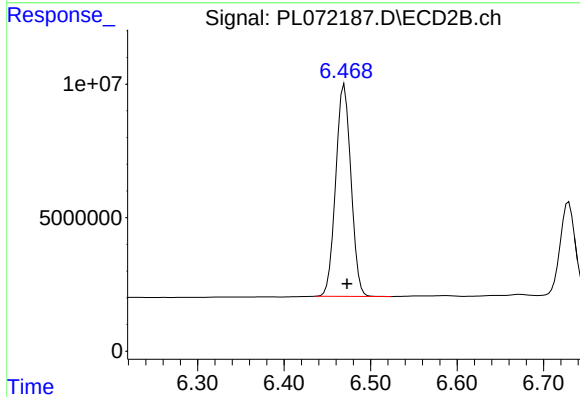
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 32912828
Conc: 43.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743MSD

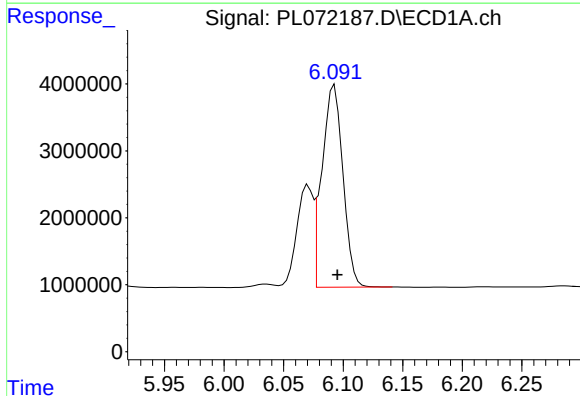
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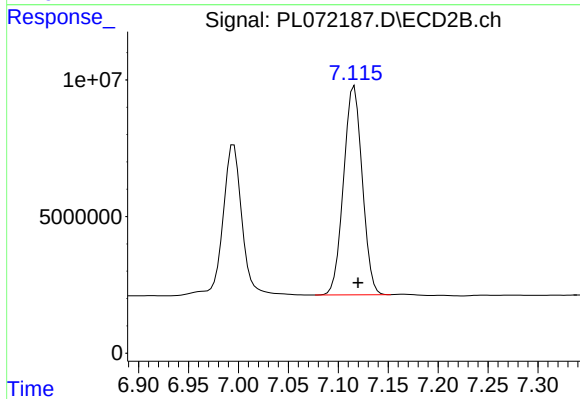
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 96702010
Conc: 42.97 ng/ml



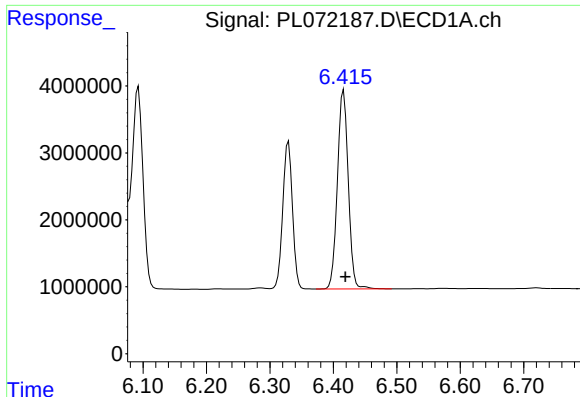
#4 Heptachlor

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 37034113
Conc: 42.93 ng/ml



#4 Heptachlor

R.T.: 7.116 min
Delta R.T.: -0.004 min
Response: 99555818
Conc: 42.94 ng/ml



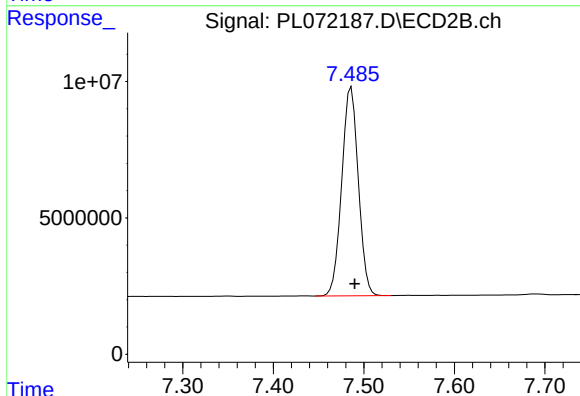
#5 Aldrin

R.T.: 6.416 min
Delta R.T.: -0.003 min
Response: 35333782
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743MSD

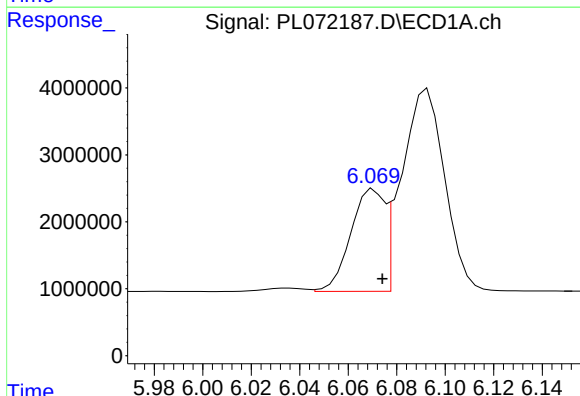
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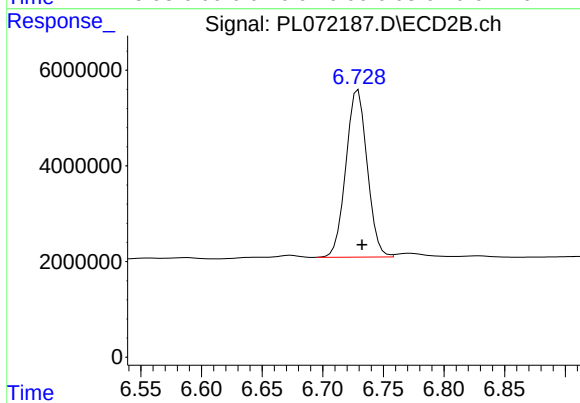
#5 Aldrin

R.T.: 7.486 min
Delta R.T.: -0.004 min
Response: 97464618
Conc: 44.08 ng/ml



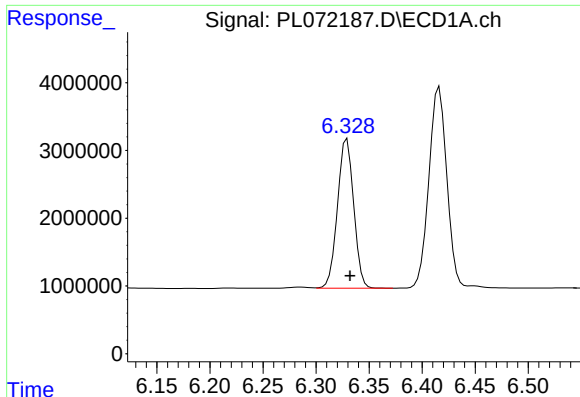
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 14714789
Conc: 44.51 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 42745882
Conc: 43.17 ng/ml



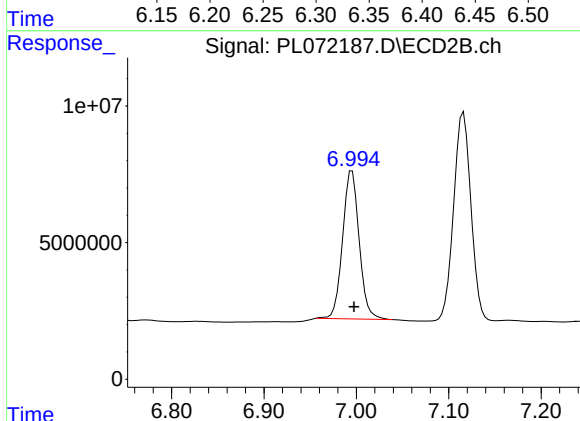
#7 delta-BHC

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 23412122
Conc: 29.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743MSD

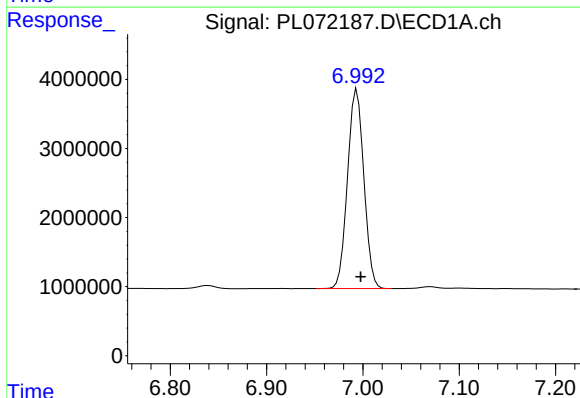
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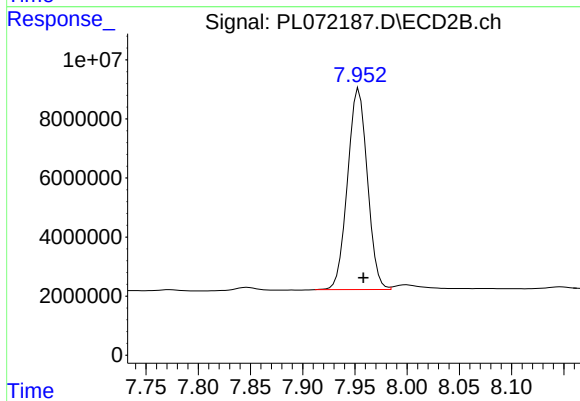
#7 delta-BHC

R.T.: 6.995 min
Delta R.T.: -0.002 min
Response: 67501249
Conc: 27.44 ng/ml



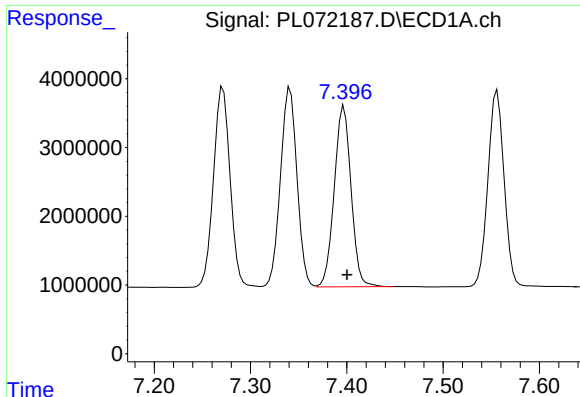
#8 Heptachlor epoxide

R.T.: 6.994 min
Delta R.T.: -0.004 min
Response: 33903090
Conc: 44.54 ng/ml



#8 Heptachlor epoxide

R.T.: 7.954 min
Delta R.T.: -0.004 min
Response: 89833871
Conc: 44.87 ng/ml



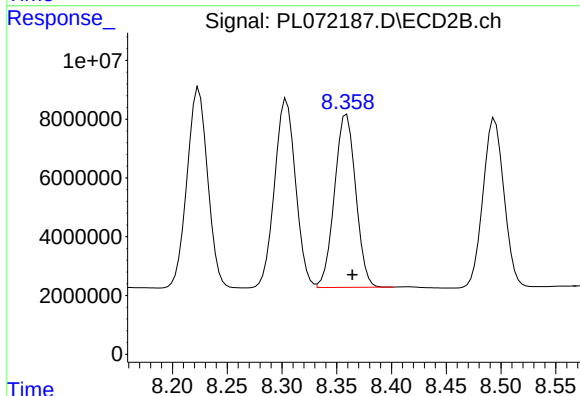
#9 Endosulfan I

R.T.: 7.397 min
Delta R.T.: -0.003 min
Response: 31922952
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743MSD

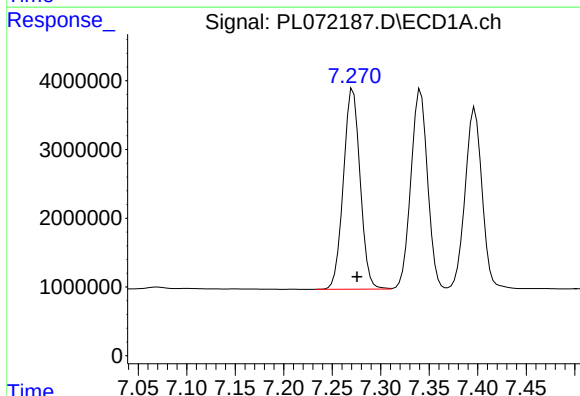
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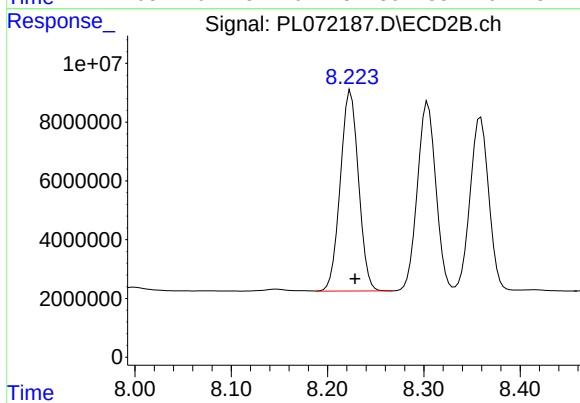
#9 Endosulfan I

R.T.: 8.359 min
Delta R.T.: -0.005 min
Response: 79315960
Conc: 43.82 ng/ml



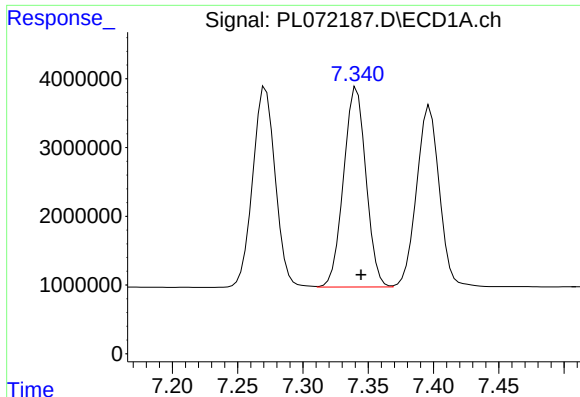
#10 gamma-Chlordane

R.T.: 7.271 min
Delta R.T.: -0.004 min
Response: 35027984
Conc: 44.58 ng/ml



#10 gamma-Chlordane

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 89501363
Conc: 44.29 ng/ml



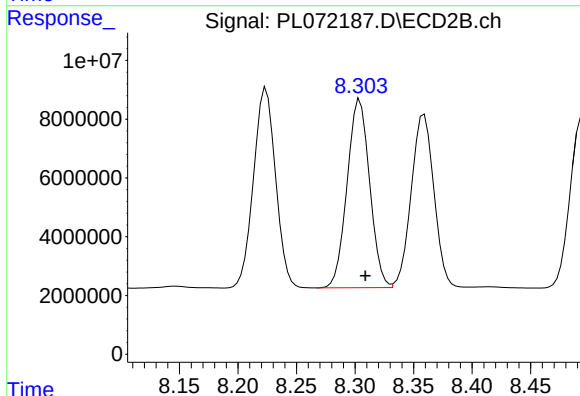
#11 alpha-Chlordane

R.T.: 7.341 min
Delta R.T.: -0.003 min
Response: 34709731
Conc: 44.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743MSD

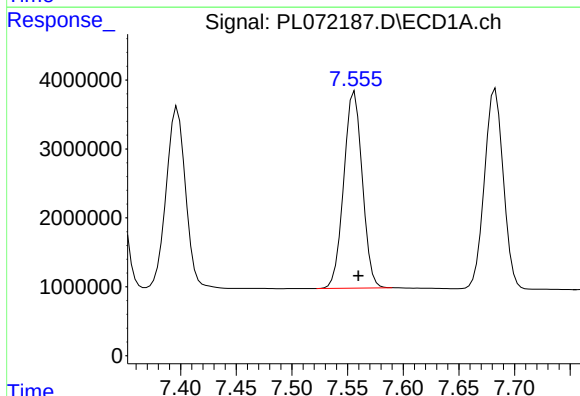
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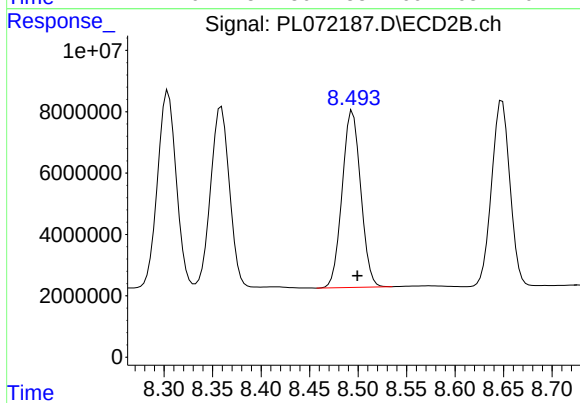
#11 alpha-Chlordane

R.T.: 8.304 min
Delta R.T.: -0.005 min
Response: 85988647
Conc: 43.37 ng/ml



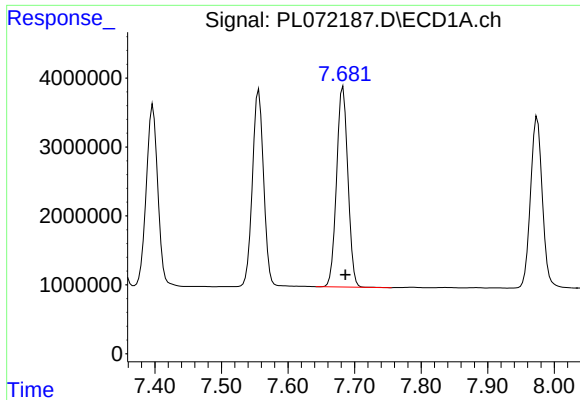
#12 4,4'-DDE

R.T.: 7.556 min
Delta R.T.: -0.003 min
Response: 33056391
Conc: 45.79 ng/ml



#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 76610327
Conc: 40.51 ng/ml



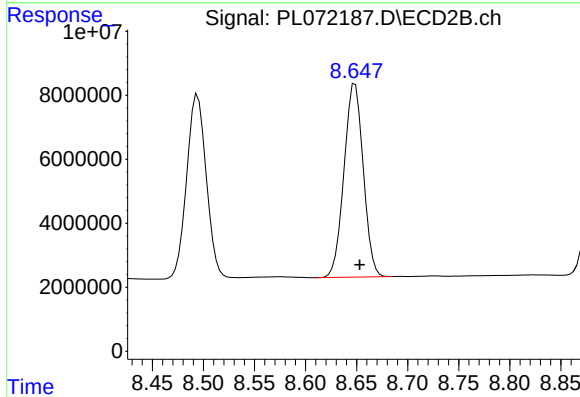
#13 Dieldrin

R.T.: 7.683 min
Delta R.T.: -0.004 min
Response: 34295559
Conc: 45.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743MSD

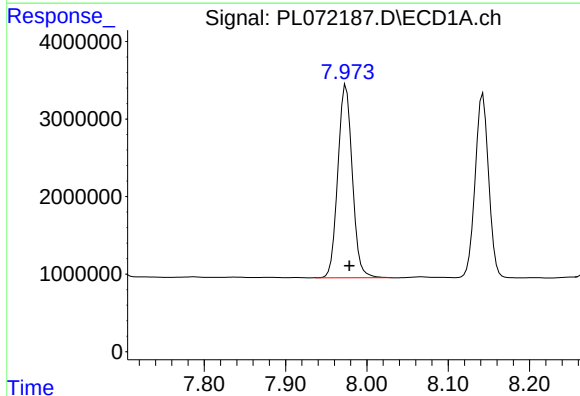
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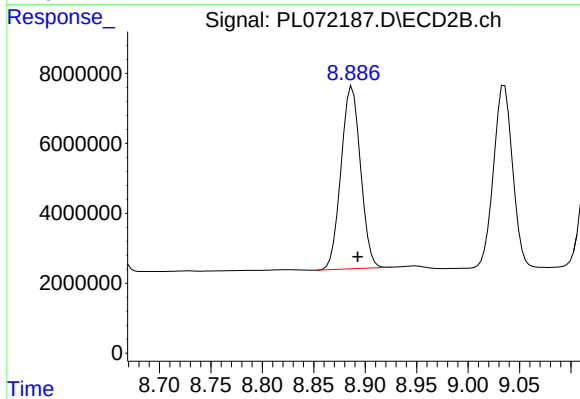
#13 Dieldrin

R.T.: 8.649 min
Delta R.T.: -0.005 min
Response: 79345851
Conc: 40.39 ng/ml



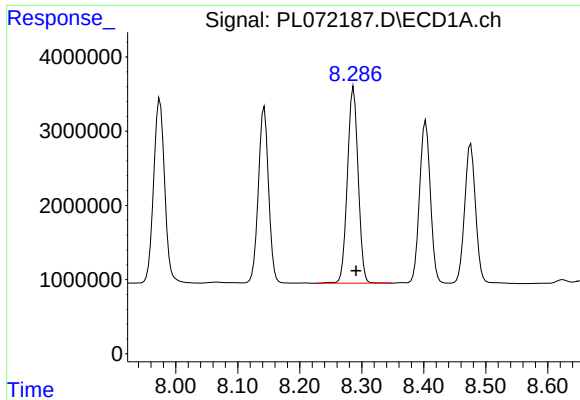
#14 Endrin

R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 30694535
Conc: 43.81 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: -0.005 min
Response: 68854027
Conc: 41.53 ng/ml



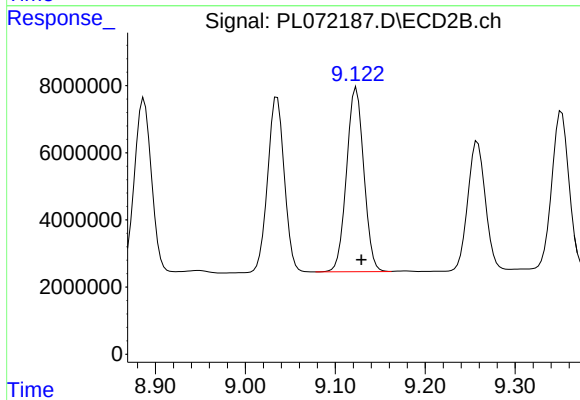
#15 Endosulfan II

R.T.: 8.287 min
Delta R.T.: -0.004 min
Response: 31705094
Conc: 42.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743MSD

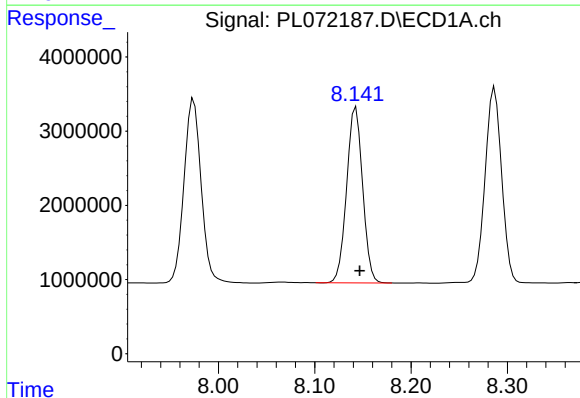
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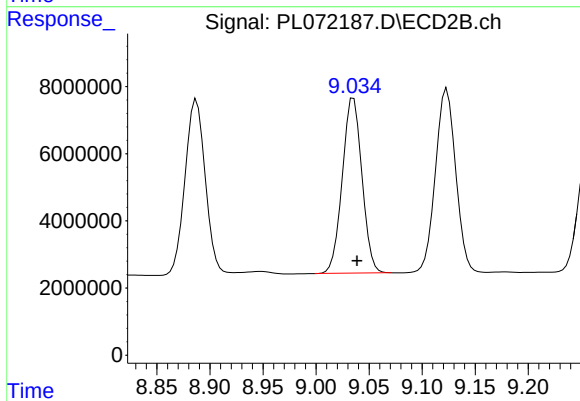
#15 Endosulfan II

R.T.: 9.123 min
Delta R.T.: -0.006 min
Response: 73204922
Conc: 42.69 ng/ml



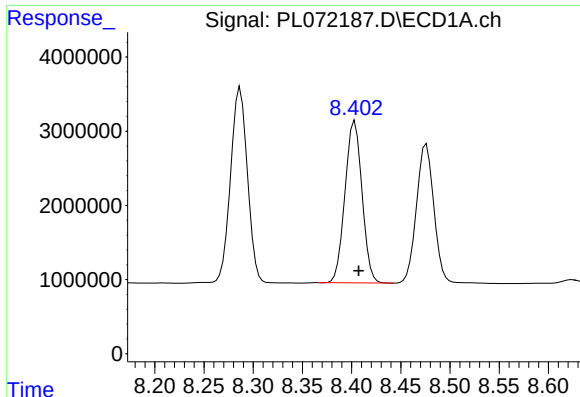
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: -0.004 min
Response: 27162279
Conc: 46.33 ng/ml



#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.005 min
Response: 67087068
Conc: 46.92 ng/ml m



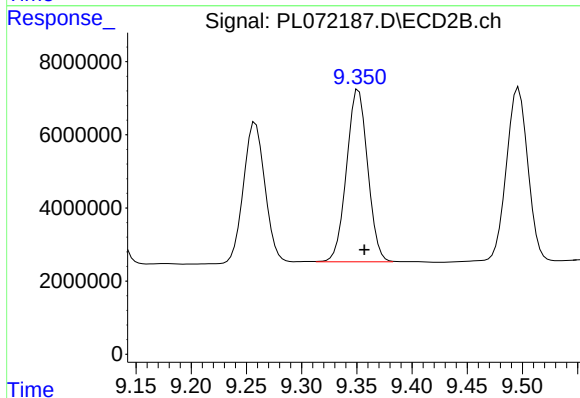
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: -0.004 min
Response: 26305921
Conc: 39.61 ng/ml

Instrument :
ECD_L
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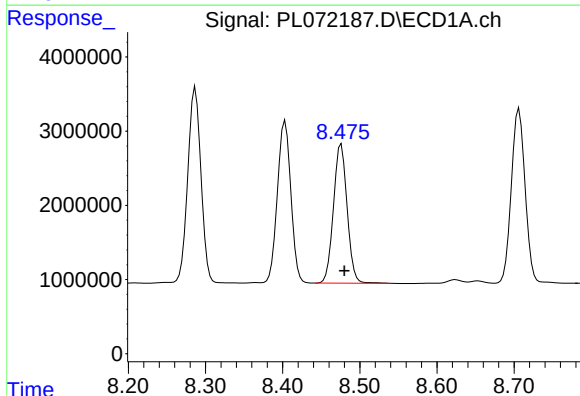
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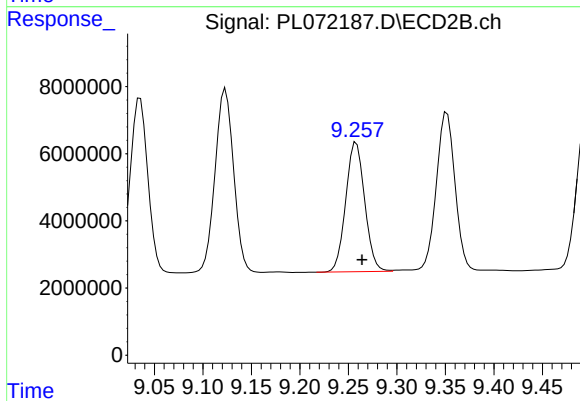
#17 4,4'-DDT

R.T.: 9.350 min
Delta R.T.: -0.007 min
Response: 62670446
Conc: 39.65 ng/ml m



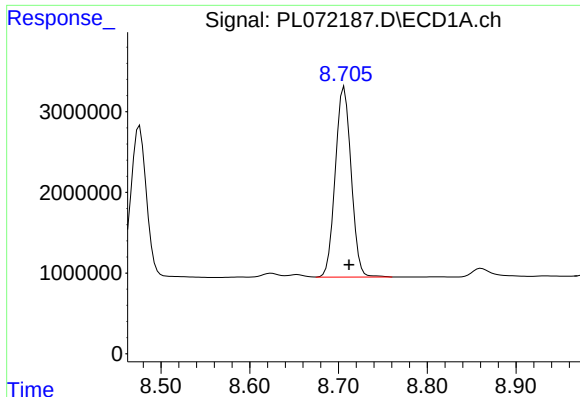
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: -0.004 min
Response: 23118745
Conc: 40.58 ng/ml



#18 Endrin aldehyde

R.T.: 9.258 min
Delta R.T.: -0.006 min
Response: 52422250
Conc: 42.23 ng/ml



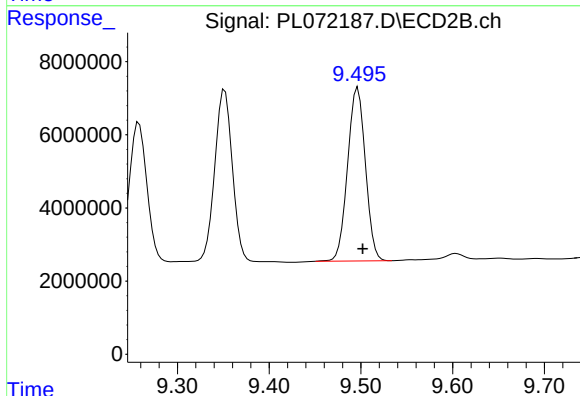
#19 Endosulfan Sulfate

R.T.: 8.707 min
Delta R.T.: -0.005 min
Response: 29285418
Conc: 39.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743MSD

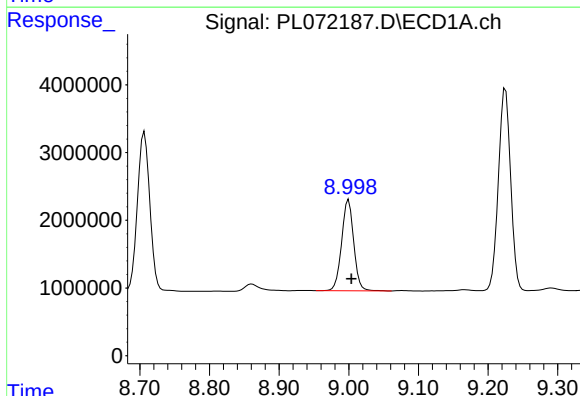
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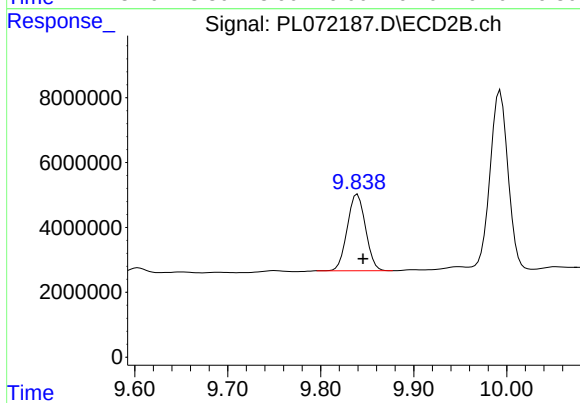
#19 Endosulfan Sulfate

R.T.: 9.497 min
Delta R.T.: -0.005 min
Response: 63854796
Conc: 40.90 ng/ml



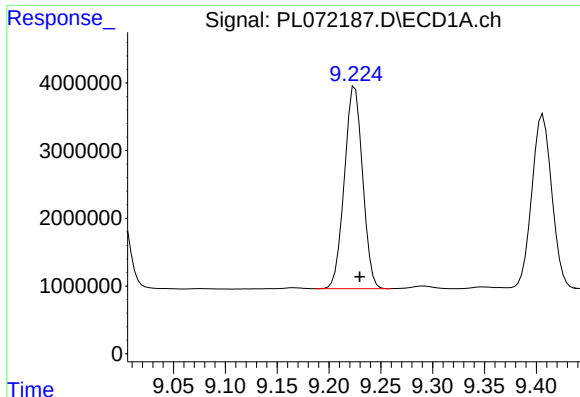
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: -0.004 min
Response: 16197210
Conc: 38.39 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: -0.006 min
Response: 32238985
Conc: 38.92 ng/ml



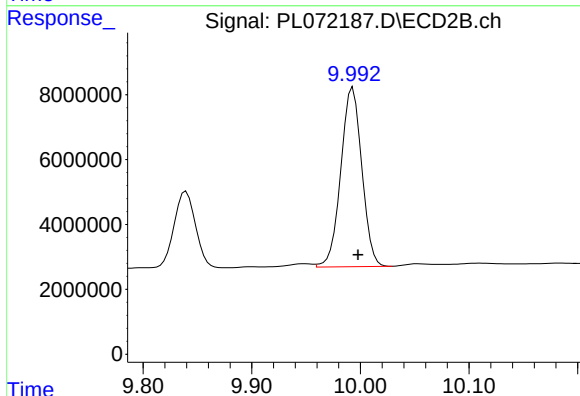
#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: -0.004 min
Response: 36513488
Conc: 43.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743MSD

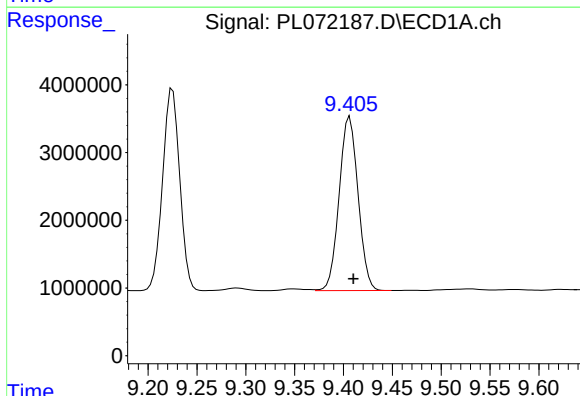
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Supervised By :Ankita Jodhani 01/25/2022



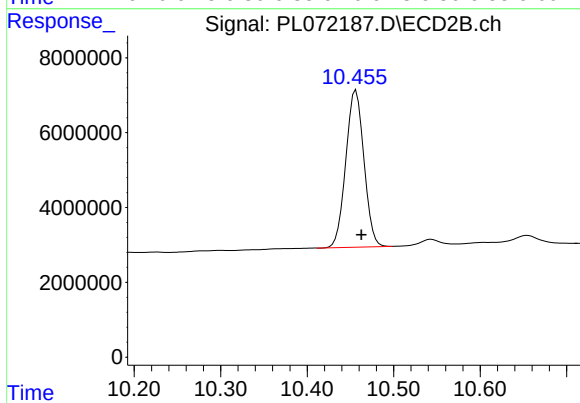
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 74309618
Conc: 44.90 ng/ml



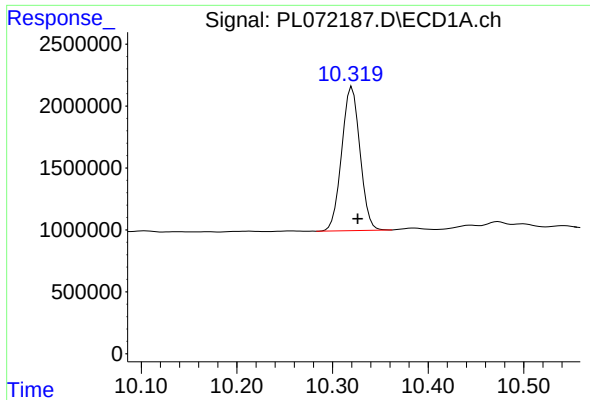
#22 Mirex

R.T.: 9.406 min
Delta R.T.: -0.004 min
Response: 34642879
Conc: 46.91 ng/ml



#22 Mirex

R.T.: 10.456 min
Delta R.T.: -0.006 min
Response: 60858630
Conc: 48.77 ng/ml



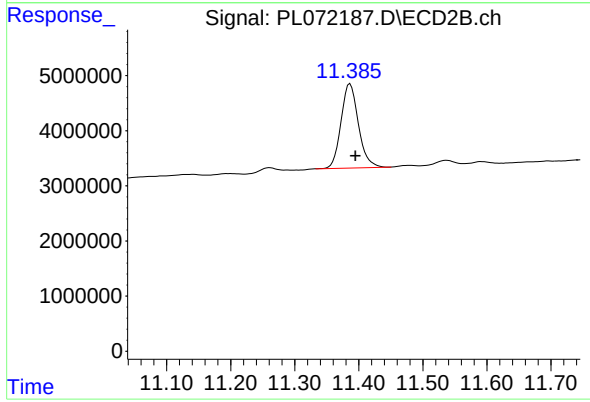
#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: -0.006 min
Response: 15473627
Conc: 17.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/25/2022
Supervised By :Ankita Jodhani 01/25/2022



#28 Decachlorobiphenyl

R.T.: 11.386 min
Delta R.T.: -0.008 min
Response: 28766409
Conc: 17.83 ng/ml