

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122221\
 Data File : PL071575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2021 17:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/23/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 01:16:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 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...	4.561	5.498	22396897	59032499	47.251	49.553
28) SA Decachlor...	10.325	11.392	31388585	55711004	47.244	51.276
Target Compounds						
2) A alpha-BHC	5.268	6.079	32040558	88018614	50.380	51.183
3) MA gamma-BHC...	5.691	6.475	31608710	81974620	48.373	51.359
4) MA Heptachlor	6.098	7.122	34872847	83149470	50.480	52.091
5) MB Aldrin	6.421	7.492	31165299	76212133	50.612	52.180
6) B beta-BHC	6.075	6.734	14732595	38166100	51.593	47.681
7) B delta-BHC	6.333	6.999	31729835	78581951	50.733	51.430
8) B Heptachlo...	6.999	7.959	30906671	71809463	50.497	53.533
9) A Endosulfan I	7.401	8.364	29457421	64478546	50.740	53.722
10) B gamma-Chl...	7.276	8.228	31544339	69654020	50.820	53.869m
11) B alpha-Chl...	7.346	8.310	31550044	68813582	50.584	54.160
12) B 4,4'-DDE	7.561	8.499	28126393	66019980	51.539	55.425
13) MA Dieldrin	7.687	8.653	29825646	65196407	50.931	53.624
14) MA Endrin	7.978	8.893	26509144	53232125	48.399	52.544
15) B Endosulfa...	8.290	9.129	27261733	55144476	50.019	54.646
16) A 4,4'-DDD	8.146	9.039	24441553	51814687	51.929	58.700
17) MA 4,4'-DDT	8.407	9.356	24813127	52343848	48.621	52.934
18) B Endrin al...	8.479	9.263	20957679	40572646	49.283	53.863
19) B Endosulfa...	8.710	9.501	28608971	53297567	49.832	54.380
20) A Methoxychlor	9.003	9.844	15426327	26036971	47.627	51.869
21) B Endrin ke...	9.228	9.998	33961264	57432748	51.491	54.616
22) Mirex	9.410	10.461	28504293	42860983	49.130	53.253

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122221\
 Data File : PL071575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2021 17:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

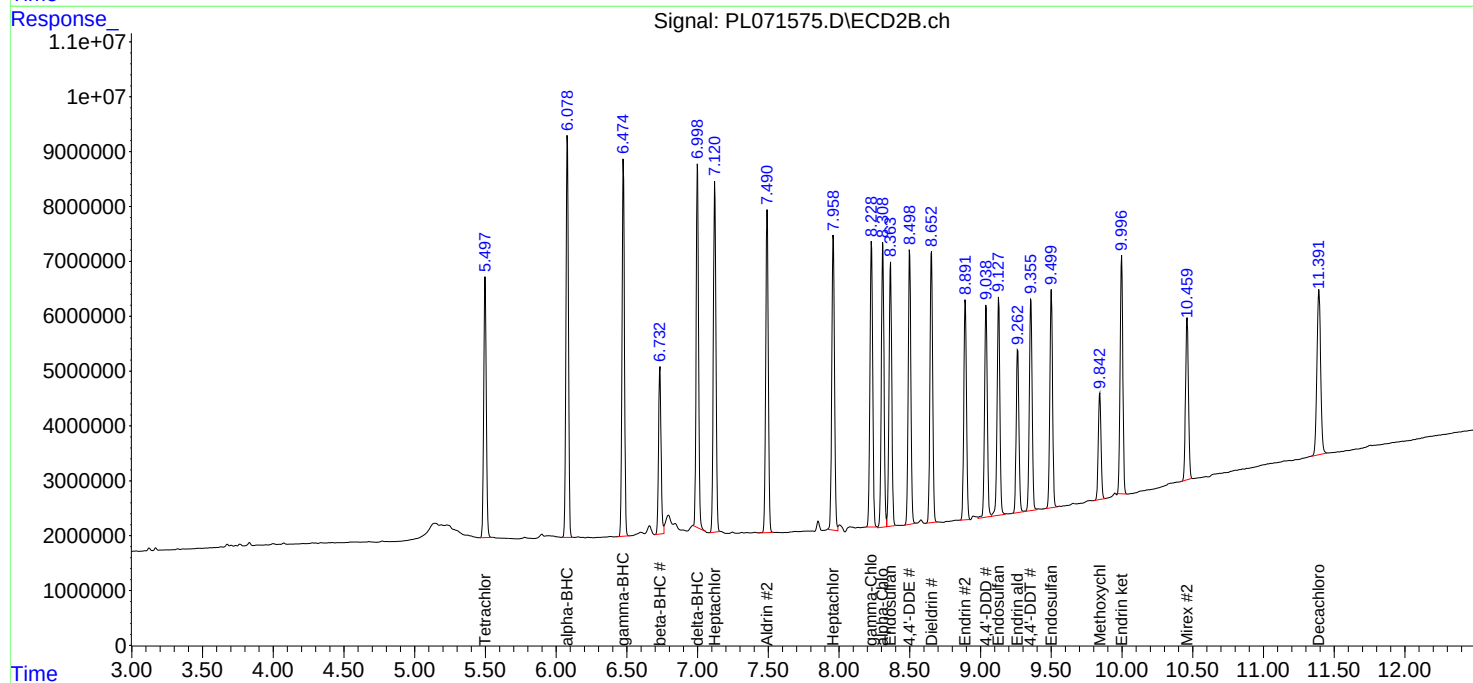
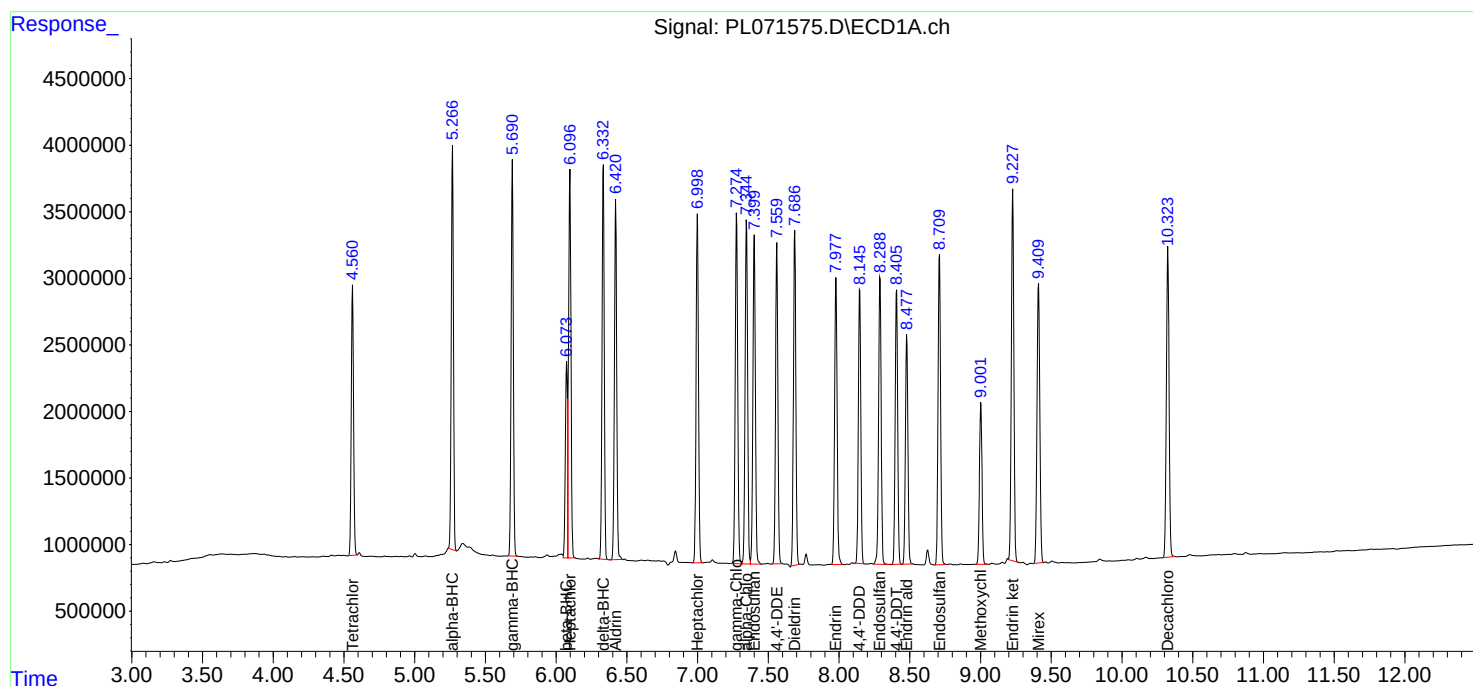
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

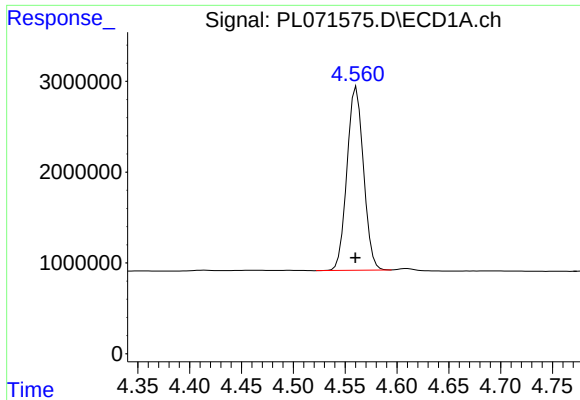
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 01:16:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 2021
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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





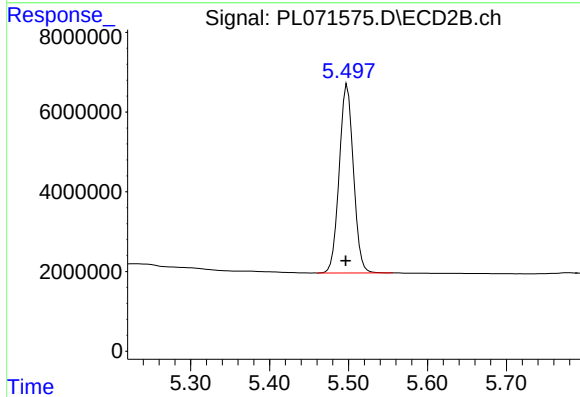
#1 Tetrachloro-m-xylene

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 22396897
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

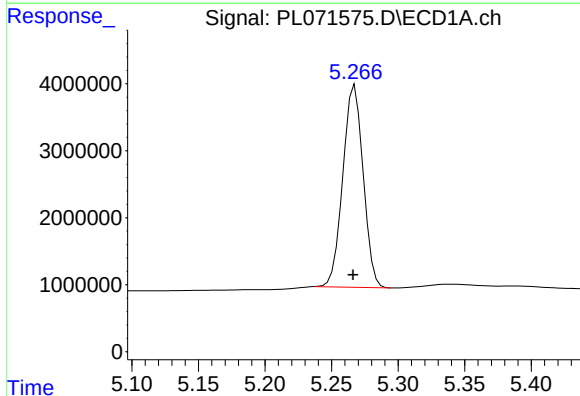
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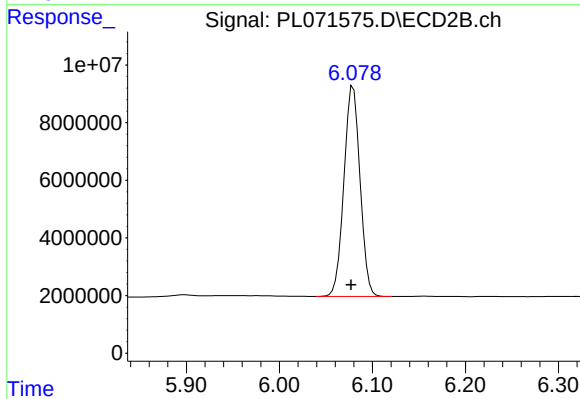
#1 Tetrachloro-m-xylene

R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 59032499
Conc: 49.55 ng/ml



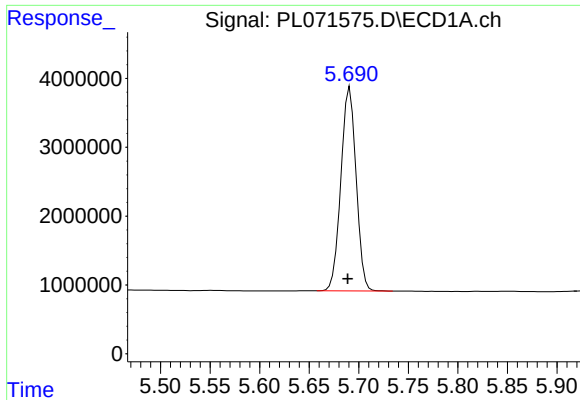
#2 alpha-BHC

R.T.: 5.268 min
Delta R.T.: 0.001 min
Response: 32040558
Conc: 50.38 ng/ml



#2 alpha-BHC

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 88018614
Conc: 51.18 ng/ml



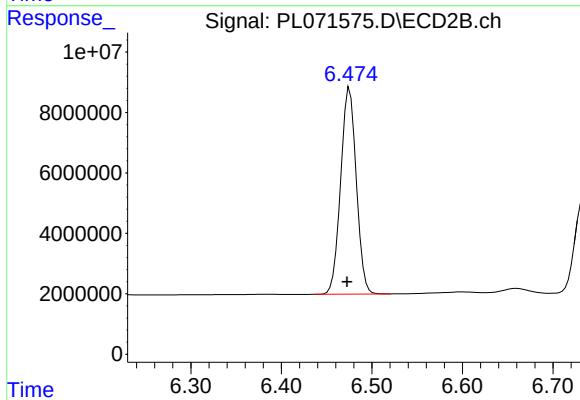
#3 gamma-BHC (Lindane)

R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 31608710
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

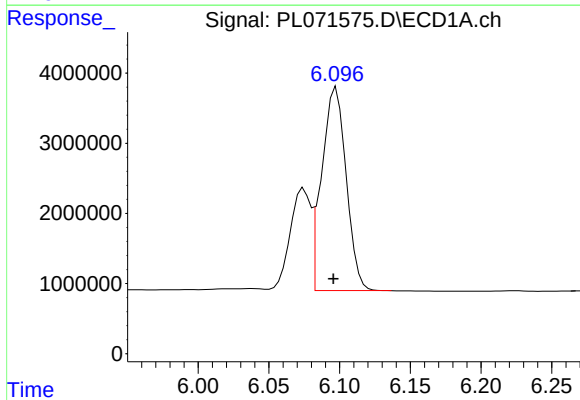
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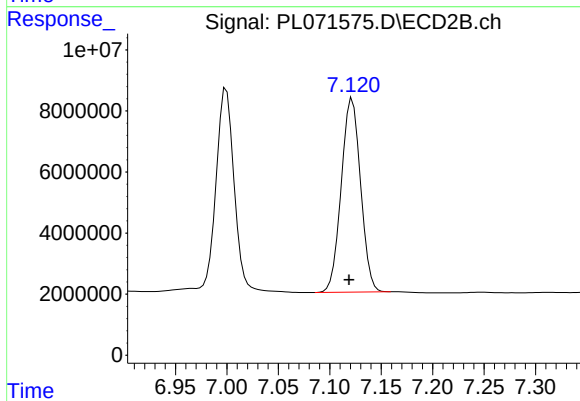
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: 0.003 min
Response: 81974620
Conc: 51.36 ng/ml



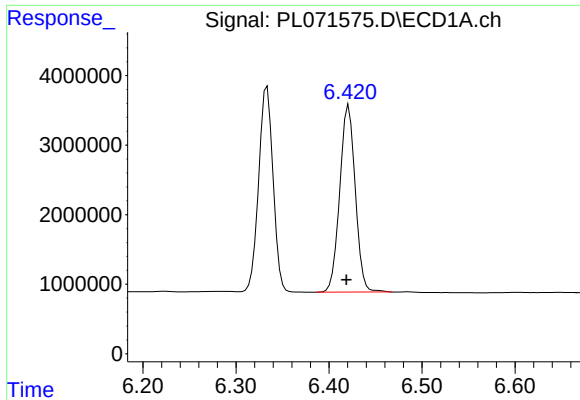
#4 Heptachlor

R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 34872847
Conc: 50.48 ng/ml



#4 Heptachlor

R.T.: 7.122 min
Delta R.T.: 0.003 min
Response: 83149470
Conc: 52.09 ng/ml



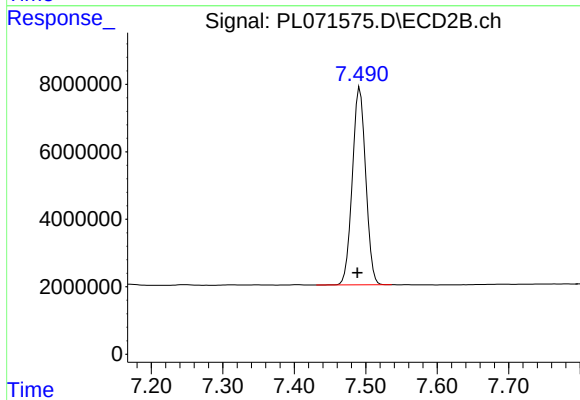
#5 Aldrin

R.T.: 6.421 min
Delta R.T.: 0.003 min
Response: 31165299
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

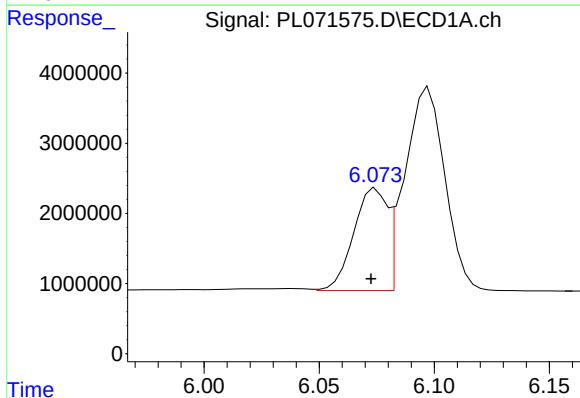
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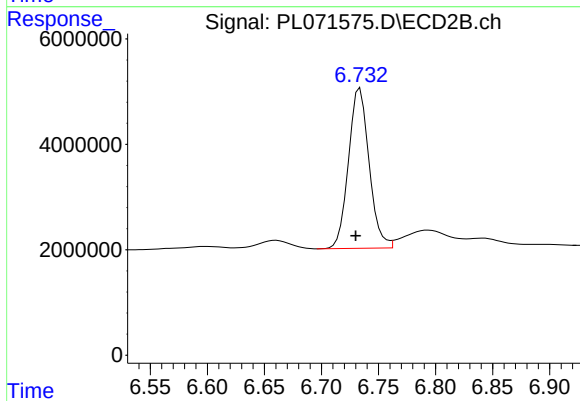
#5 Aldrin

R.T.: 7.492 min
Delta R.T.: 0.004 min
Response: 76212133
Conc: 52.18 ng/ml



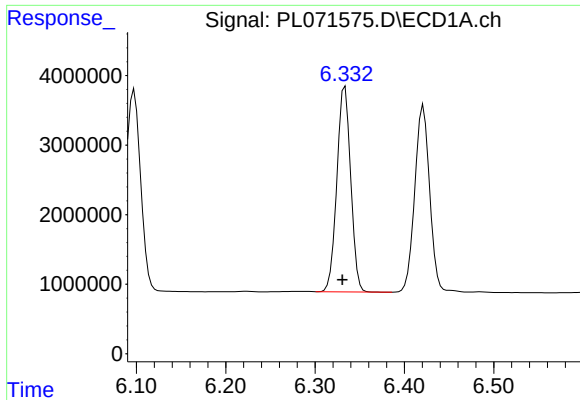
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 14732595
Conc: 51.59 ng/ml



#6 beta-BHC

R.T.: 6.734 min
Delta R.T.: 0.004 min
Response: 38166100
Conc: 47.68 ng/ml



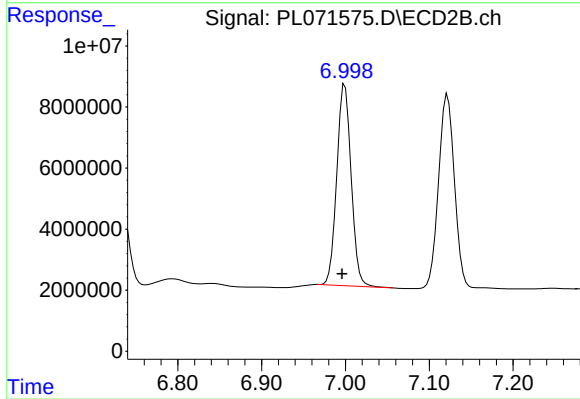
#7 delta-BHC

R.T.: 6.333 min
Delta R.T.: 0.003 min
Response: 31729835
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

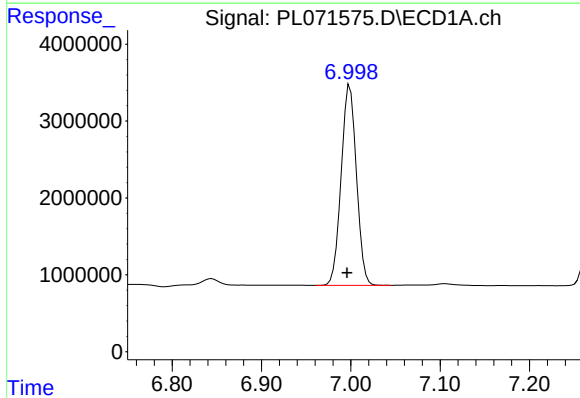
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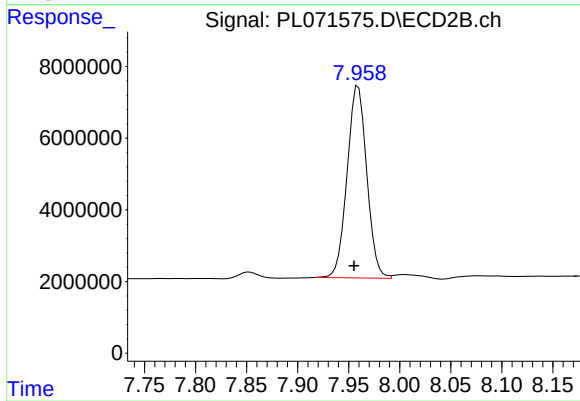
#7 delta-BHC

R.T.: 6.999 min
Delta R.T.: 0.004 min
Response: 78581951
Conc: 51.43 ng/ml



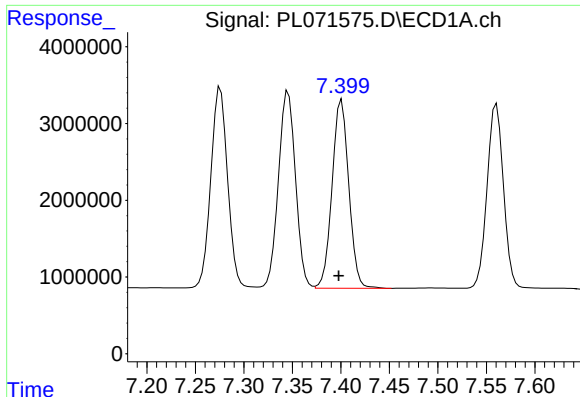
#8 Heptachlor epoxide

R.T.: 6.999 min
Delta R.T.: 0.003 min
Response: 30906671
Conc: 50.50 ng/ml



#8 Heptachlor epoxide

R.T.: 7.959 min
Delta R.T.: 0.004 min
Response: 71809463
Conc: 53.53 ng/ml



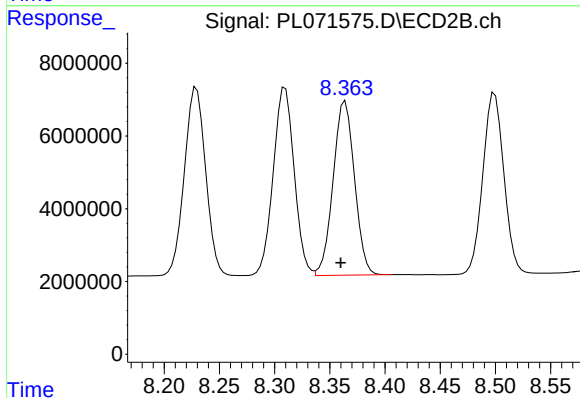
#9 Endosulfan I

R.T.: 7.401 min
Delta R.T.: 0.003 min
Response: 29457421
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

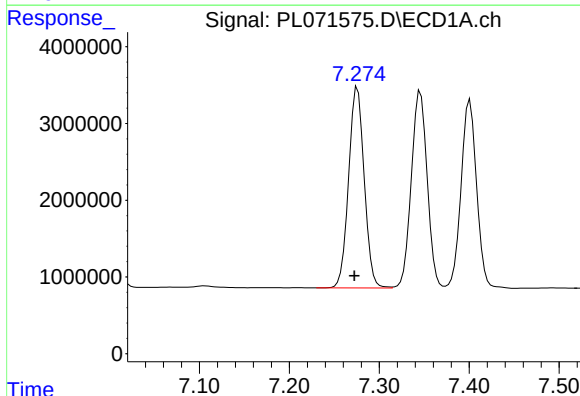
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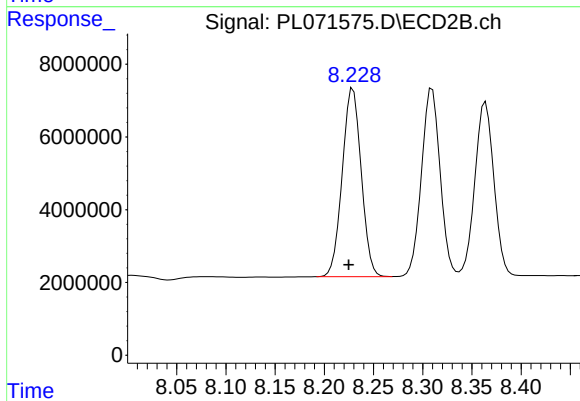
#9 Endosulfan I

R.T.: 8.364 min
Delta R.T.: 0.004 min
Response: 64478546
Conc: 53.72 ng/ml



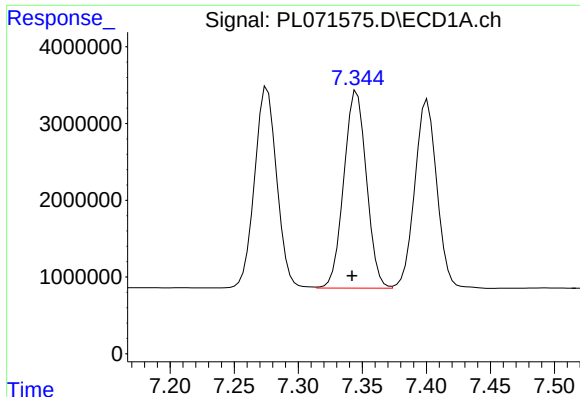
#10 gamma-Chlordane

R.T.: 7.276 min
Delta R.T.: 0.003 min
Response: 31544339
Conc: 50.82 ng/ml



#10 gamma-Chlordane

R.T.: 8.228 min
Delta R.T.: 0.003 min
Response: 69654020
Conc: 53.87 ng/ml m



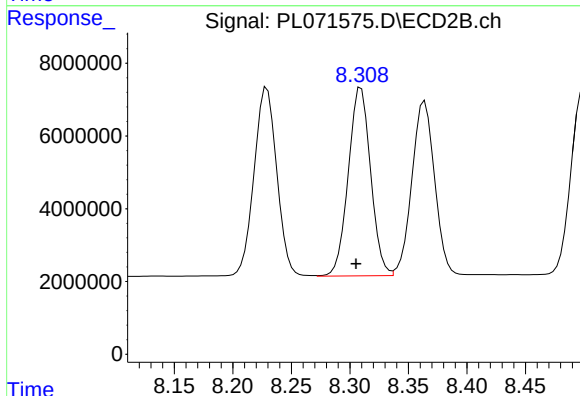
#11 alpha-Chlordane

R.T.: 7.346 min
Delta R.T.: 0.004 min
Response: 31550044
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

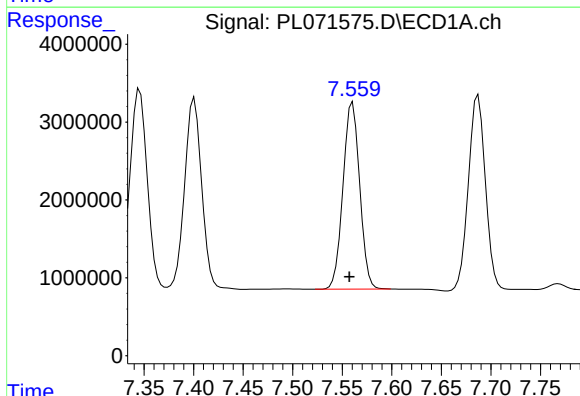
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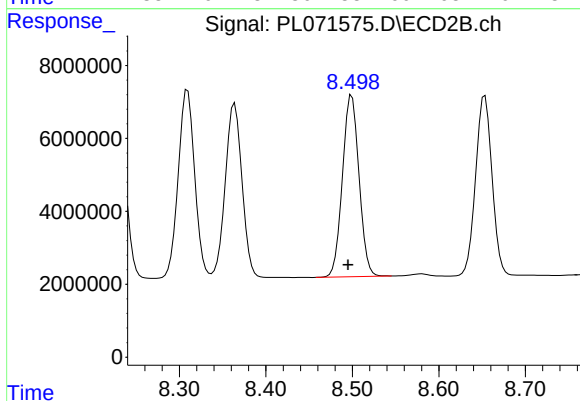
#11 alpha-Chlordane

R.T.: 8.310 min
Delta R.T.: 0.004 min
Response: 68813582
Conc: 54.16 ng/ml



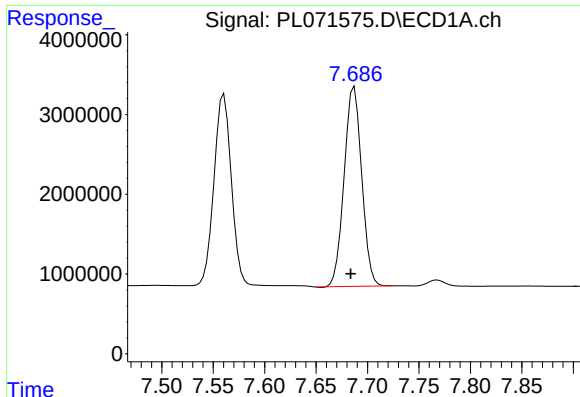
#12 4,4'-DDE

R.T.: 7.561 min
Delta R.T.: 0.003 min
Response: 28126393
Conc: 51.54 ng/ml



#12 4,4'-DDE

R.T.: 8.499 min
Delta R.T.: 0.004 min
Response: 66019980
Conc: 55.42 ng/ml



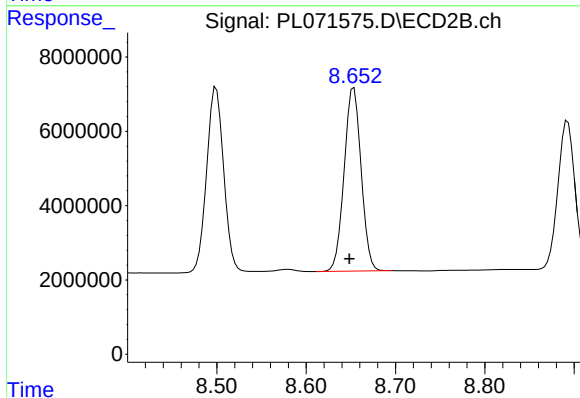
#13 Dieldrin

R.T.: 7.687 min
Delta R.T.: 0.003 min
Response: 29825646
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

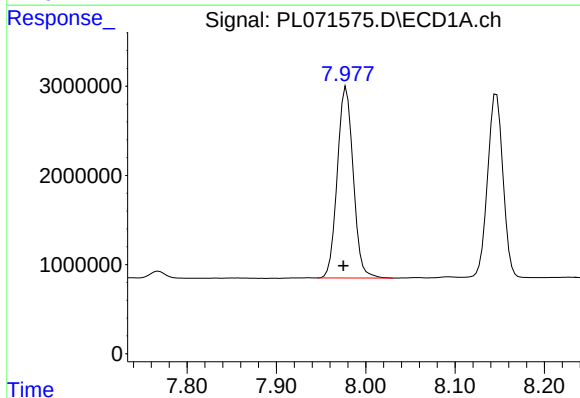
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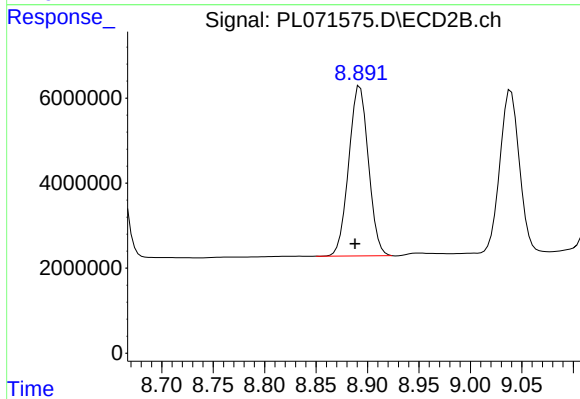
#13 Dieldrin

R.T.: 8.653 min
Delta R.T.: 0.005 min
Response: 65196407
Conc: 53.62 ng/ml



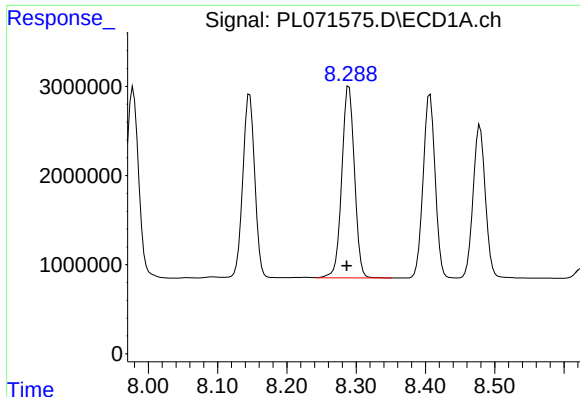
#14 Endrin

R.T.: 7.978 min
Delta R.T.: 0.004 min
Response: 26509144
Conc: 48.40 ng/ml



#14 Endrin

R.T.: 8.893 min
Delta R.T.: 0.005 min
Response: 53232125
Conc: 52.54 ng/ml



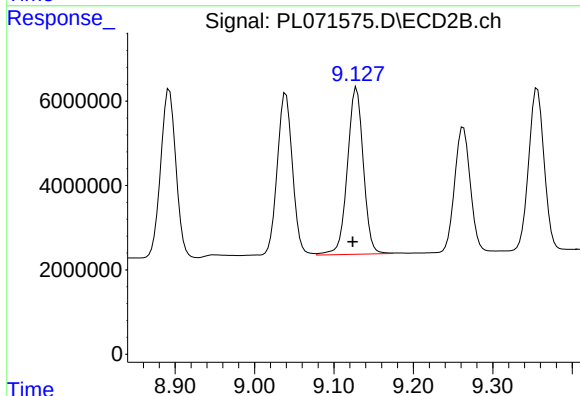
#15 Endosulfan II

R.T.: 8.290 min
Delta R.T.: 0.003 min
Response: 27261733
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

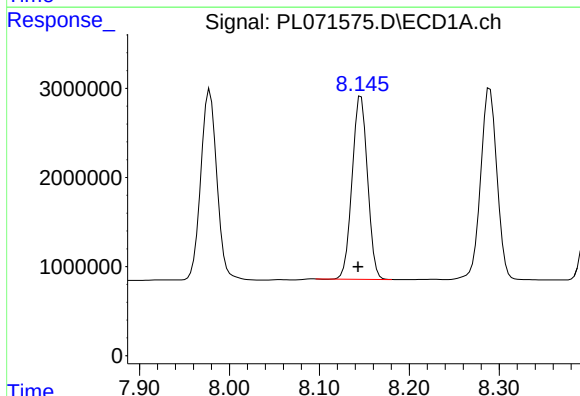
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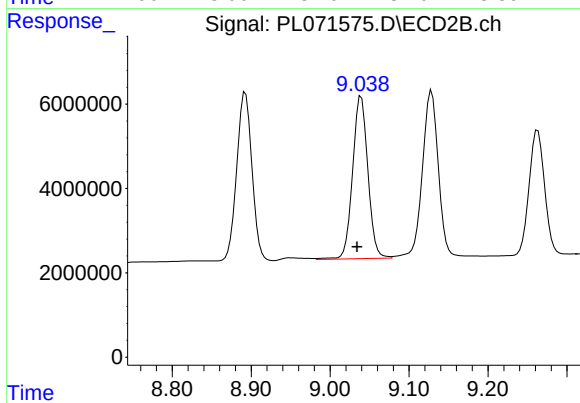
#15 Endosulfan II

R.T.: 9.129 min
Delta R.T.: 0.005 min
Response: 55144476
Conc: 54.65 ng/ml



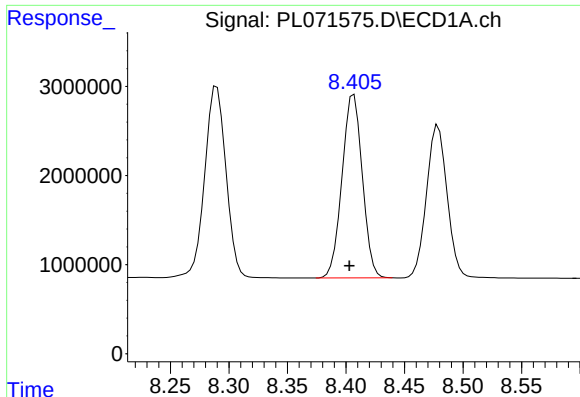
#16 4,4'-DDD

R.T.: 8.146 min
Delta R.T.: 0.003 min
Response: 24441553
Conc: 51.93 ng/ml



#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: 0.005 min
Response: 51814687
Conc: 58.70 ng/ml



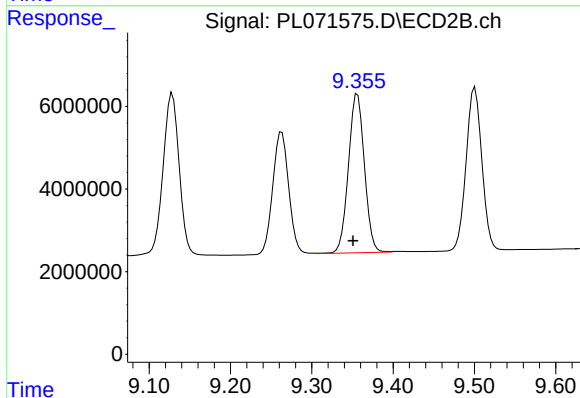
#17 4,4'-DDT

R.T.: 8.407 min
Delta R.T.: 0.004 min
Response: 24813127
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

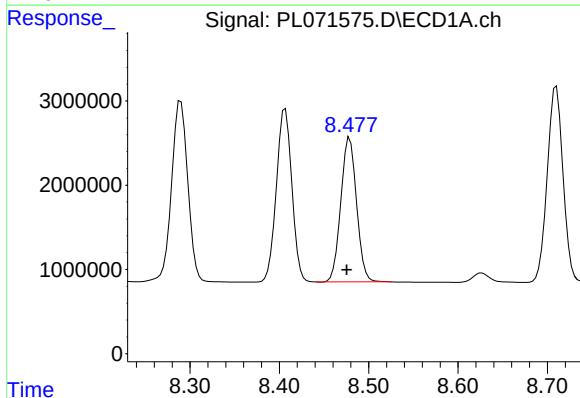
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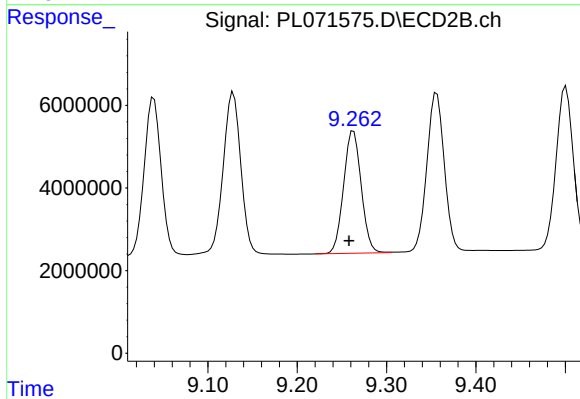
#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.005 min
Response: 52343848
Conc: 52.93 ng/ml



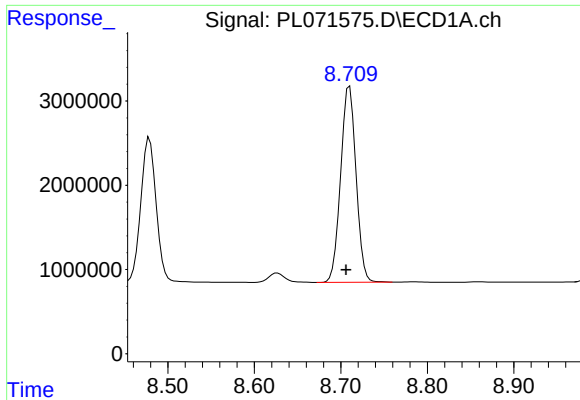
#18 Endrin aldehyde

R.T.: 8.479 min
Delta R.T.: 0.003 min
Response: 20957679
Conc: 49.28 ng/ml



#18 Endrin aldehyde

R.T.: 9.263 min
Delta R.T.: 0.005 min
Response: 40572646
Conc: 53.86 ng/ml



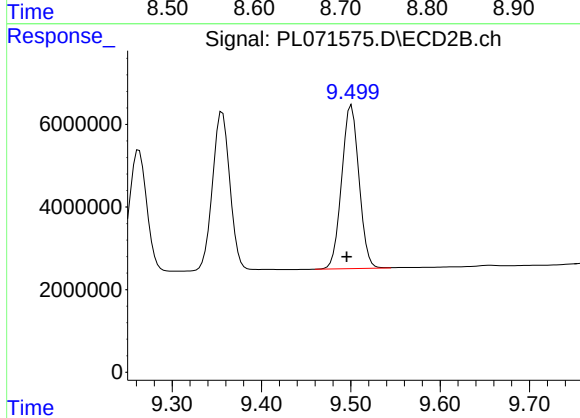
#19 Endosulfan Sulfate

R.T.: 8.710 min
Delta R.T.: 0.004 min
Response: 28608971
Conc: 49.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

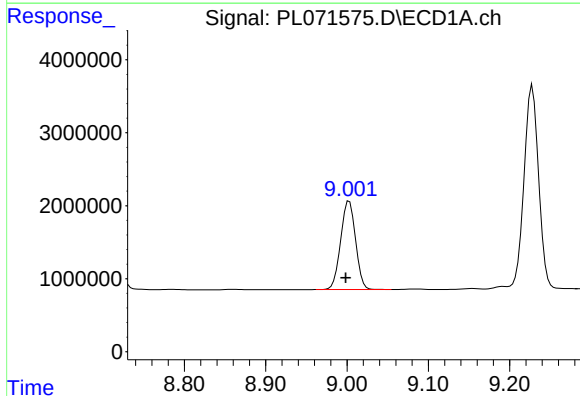
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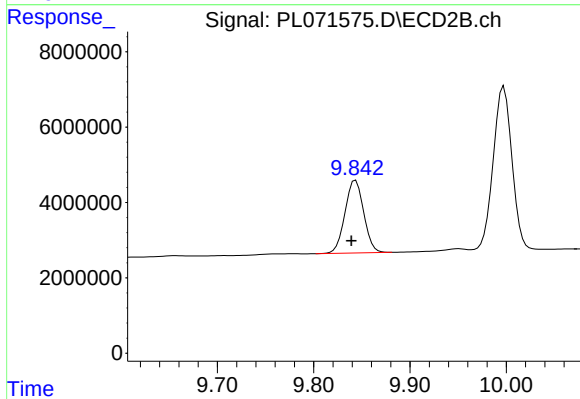
#19 Endosulfan Sulfate

R.T.: 9.501 min
Delta R.T.: 0.005 min
Response: 53297567
Conc: 54.38 ng/ml



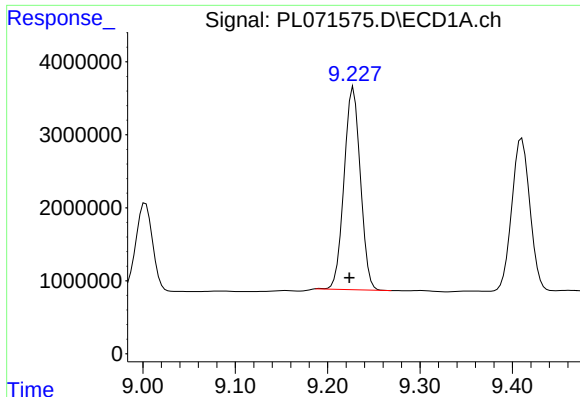
#20 Methoxychlor

R.T.: 9.003 min
Delta R.T.: 0.004 min
Response: 15426327
Conc: 47.63 ng/ml



#20 Methoxychlor

R.T.: 9.844 min
Delta R.T.: 0.004 min
Response: 26036971
Conc: 51.87 ng/ml



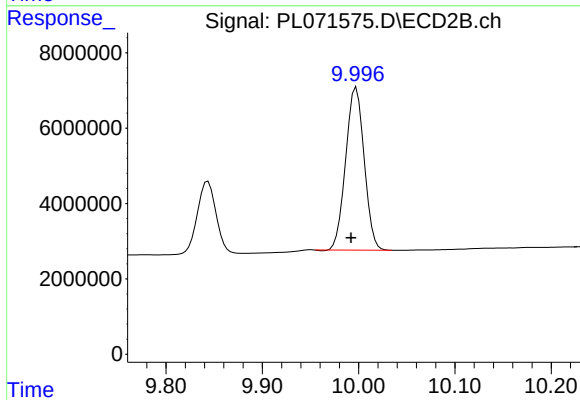
#21 Endrin ketone

R.T.: 9.228 min
Delta R.T.: 0.005 min
Response: 33961264
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

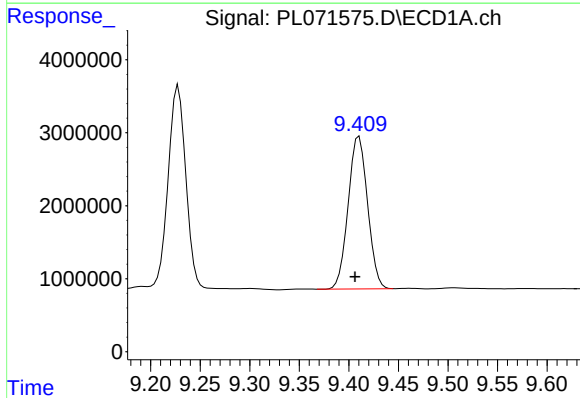
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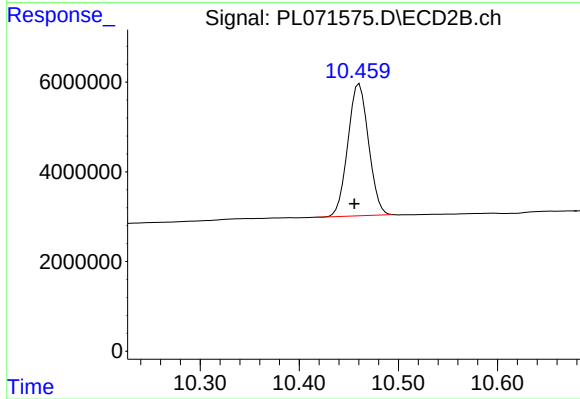
#21 Endrin ketone

R.T.: 9.998 min
Delta R.T.: 0.005 min
Response: 57432748
Conc: 54.62 ng/ml



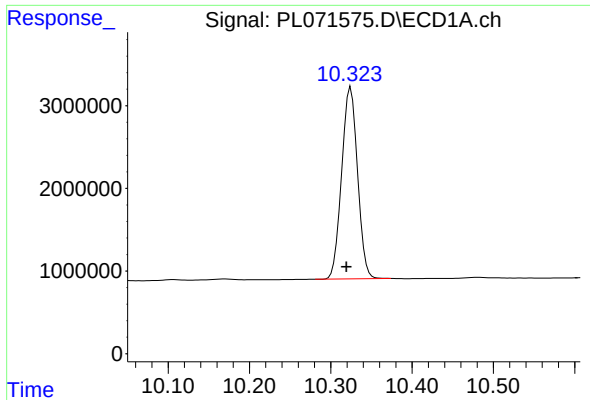
#22 Mirex

R.T.: 9.410 min
Delta R.T.: 0.004 min
Response: 28504293
Conc: 49.13 ng/ml



#22 Mirex

R.T.: 10.461 min
Delta R.T.: 0.005 min
Response: 42860983
Conc: 53.25 ng/ml



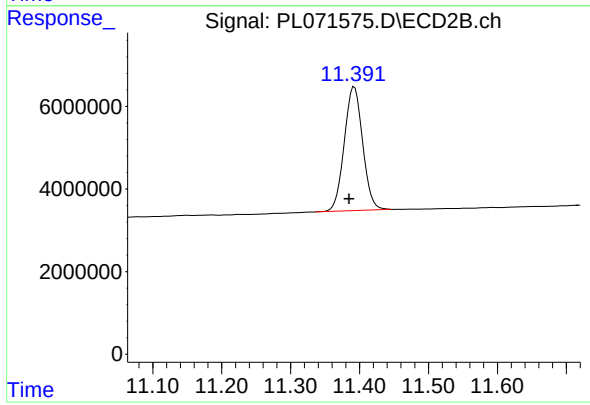
#28 Decachlorobiphenyl

R.T.: 10.325 min
Delta R.T.: 0.005 min
Response: 31388585
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2021
Supervised By :Ankita Jodhani 12/23/2021



#28 Decachlorobiphenyl

R.T.: 11.392 min
Delta R.T.: 0.007 min
Response: 55711004
Conc: 51.28 ng/ml