

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110521\
 Data File : PL070804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2021 16:25
 Operator : AR\AJ
 Sample : PB140519BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB140519BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/08/2021
 Supervised By : mohammad ahmed 11/08/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 03:18:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 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...	4.571	5.504	9042901	23332055	18.462	18.505
28)	SA Decachlor...	10.337	11.398	12678738	24568232	18.555	18.370
Target Compounds							
2)	A alpha-BHC	5.277	6.085	31684066	85569679	47.332	46.485
3)	MA gamma-BHC...	5.700	6.481	30307455	80603412	45.182	46.483
4)	MA Heptachlor	6.108	7.128	31377236	79445535	43.731	48.911
5)	MB Aldrin	6.432	7.498	28375942	76089873	44.374	46.858
6)	B beta-BHC	6.082	6.737	14793767	37802357	45.543	44.119
7)	B delta-BHC	6.342	7.004	30164379	79137781	45.578	47.324
8)	B Heptachlo...	7.009	7.965	29192669	72671738	44.901	47.680
9)	A Endosulfan I	7.411	8.370	27599647	66972529	45.056	46.553
10)	B gamma-Chl...	7.286	8.235	29981948	72754371	45.166	46.988
11)	B alpha-Chl...	7.356	8.315	29744832	70809486	44.637	46.555
12)	B 4,4'-DDE	7.572	8.505	26559857	70240228	45.586	47.604
13)	MA Dieldrin	7.698	8.659	28787586	71011134	46.118	48.734
14)	MA Endrin	7.989	8.898	23524963	52543247	41.493	45.362
15)	B Endosulfa...	8.300	9.133	26531961	59967565	43.830	49.099
16)	A 4,4'-DDD	8.157	9.044	24049161	57014072	47.332	47.376
17)	MA 4,4'-DDT	8.418	9.361	22851823	52397283	41.551	41.533
18)	B Endrin al...	8.489	9.268	24346272	54489721	53.589	56.346
19)	B Endosulfa...	8.720	9.505	28553139	60748070	46.286	49.014
20)	A Methoxychlor	9.014	9.847	14594002	28000628	39.892	41.372
21)	B Endrin ke...	9.237	10.002	35120769	69941837	49.116m	48.723
22)	Mirex	9.422	10.466	27882323	48494018	45.401	46.557

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

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 Data File : PL070804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2021 16:25
 Operator : AR\AJ
 Sample : PB140519BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

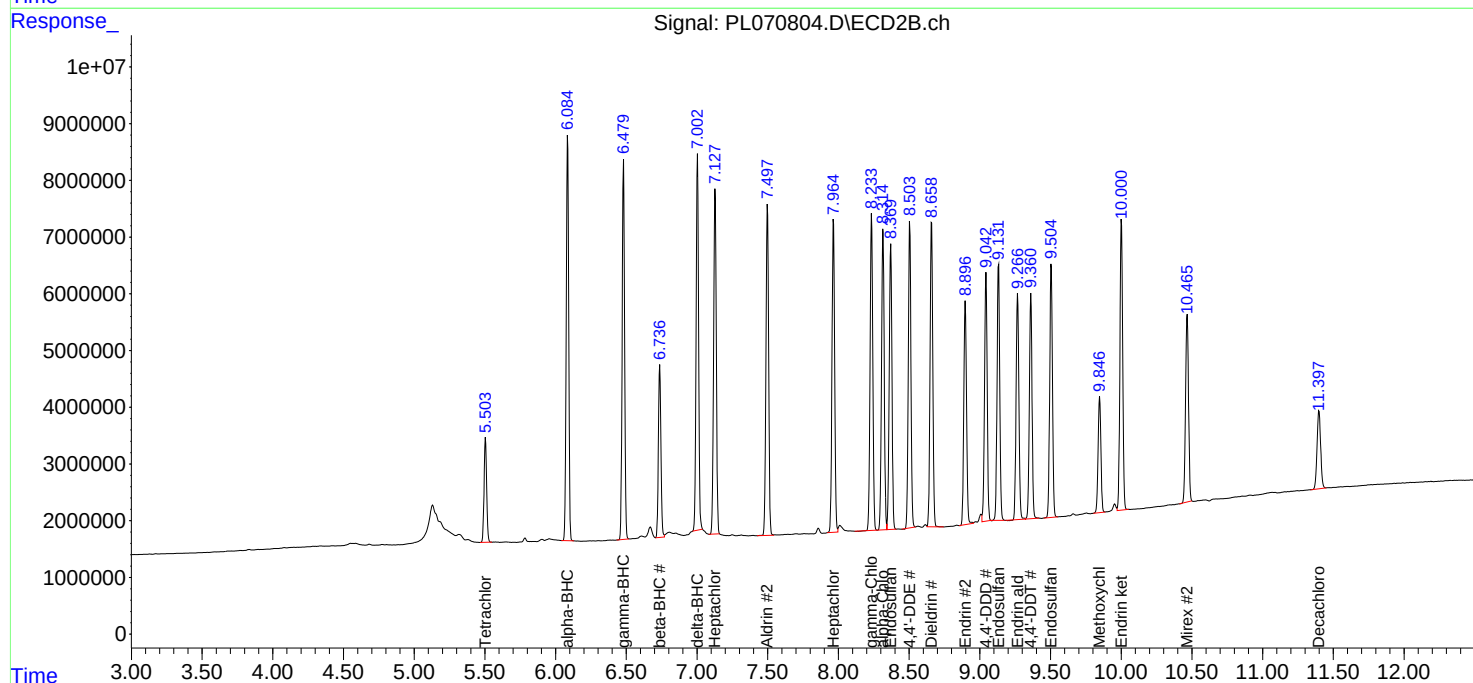
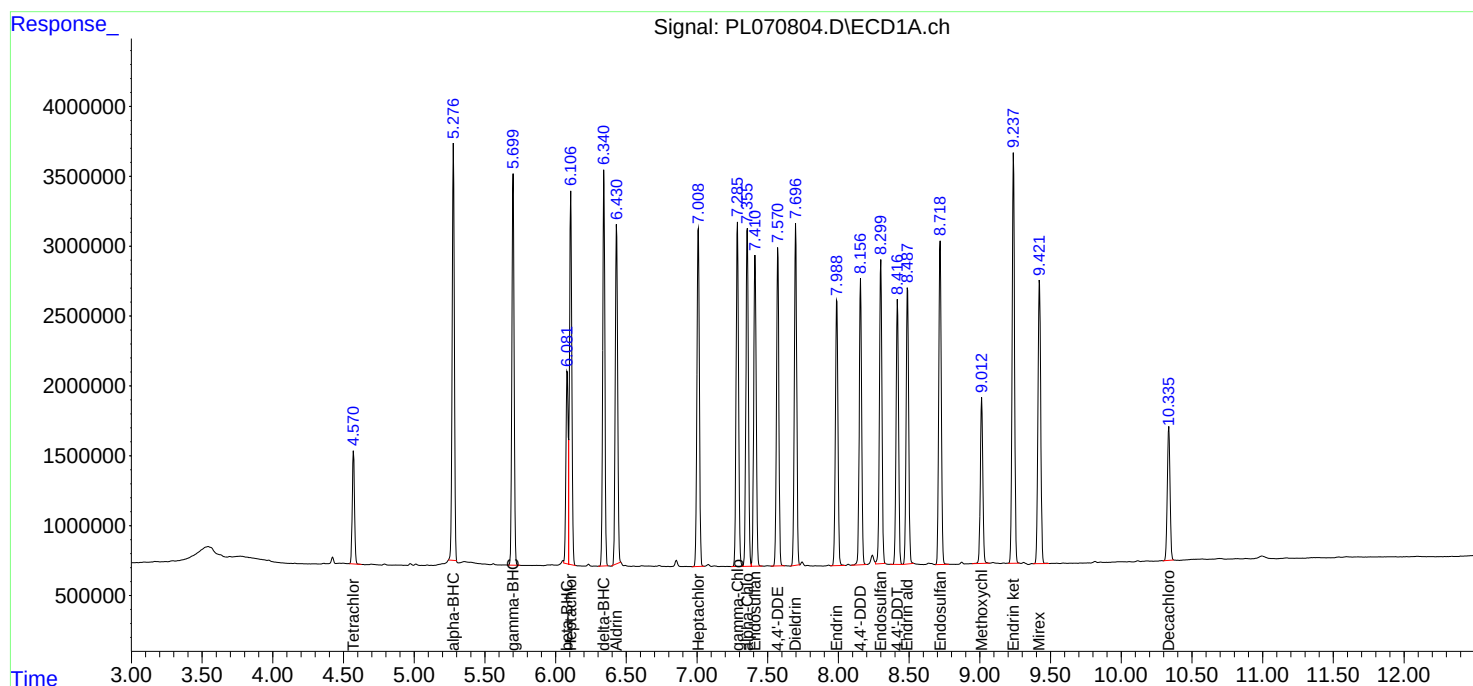
Instrument :
 ECD_L
 ClientSampleId :
 PB140519BS

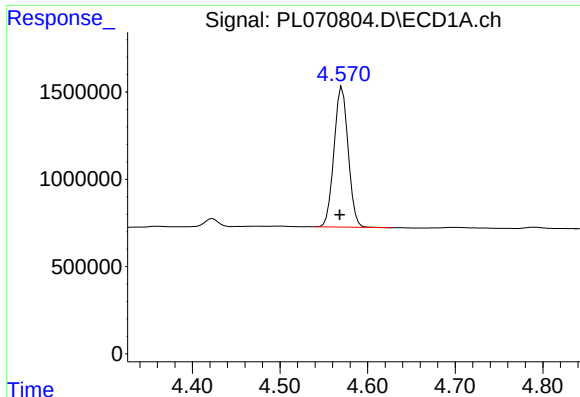
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 11/08/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 03:18:51 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.: 4.571 min
Delta R.T.: 0.003 min
Response: 9042901
Conc: 18.46 ng/ml

Instrument :

ECD_L

ClientSampleId :

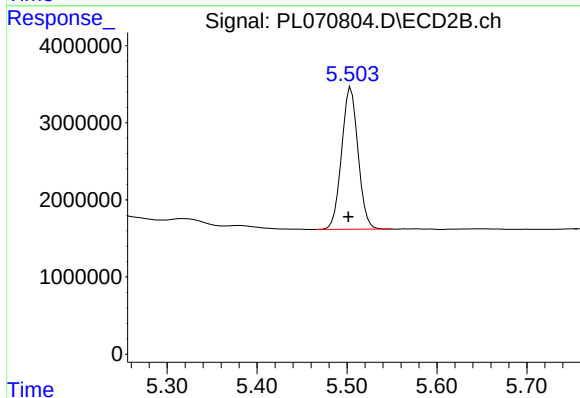
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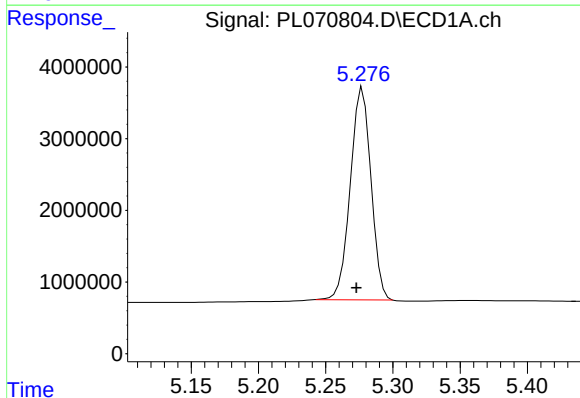
Reviewed By :Abdul Mirza 11/08/2021

Supervised By :mohammad ahmed 11/08/2021



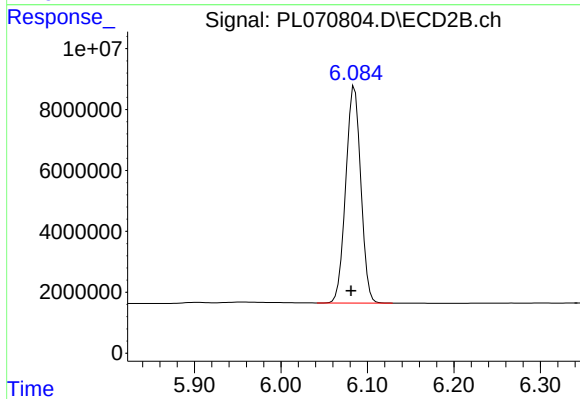
#1 Tetrachloro-m-xylene

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 23332055
Conc: 18.50 ng/ml



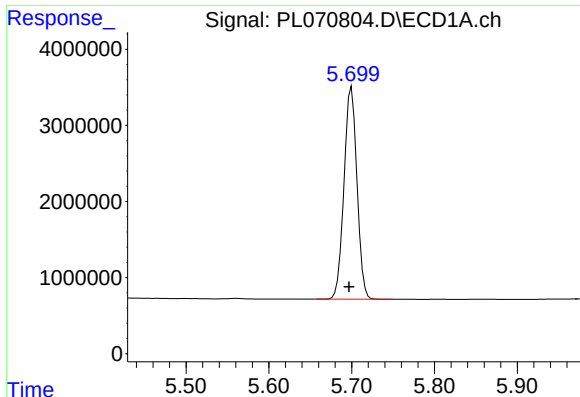
#2 alpha-BHC

R.T.: 5.277 min
Delta R.T.: 0.005 min
Response: 31684066
Conc: 47.33 ng/ml



#2 alpha-BHC

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 85569679
Conc: 46.48 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.700 min
Delta R.T.: 0.003 min
Response: 30307455
Conc: 45.18 ng/ml

Instrument :

ECD_L

ClientSampleId :

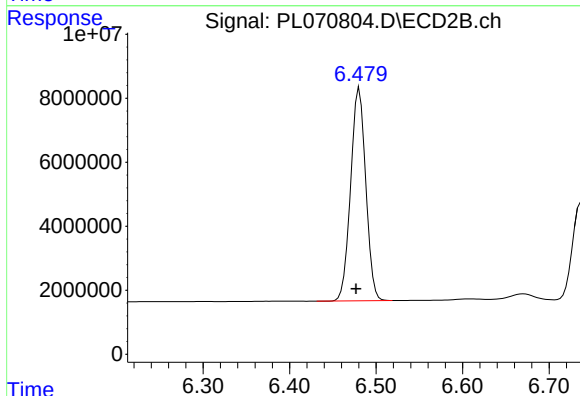
PB140519BS

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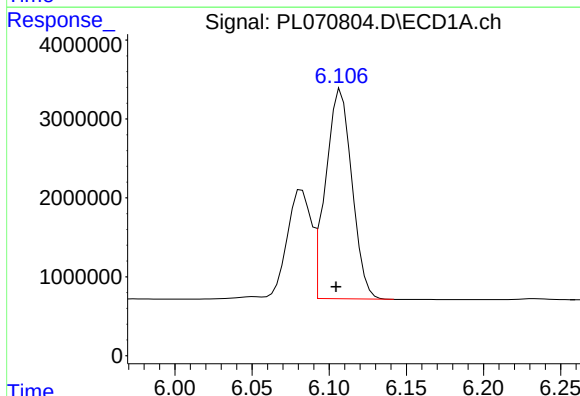
Reviewed By :Abdul Mirza 11/08/2021

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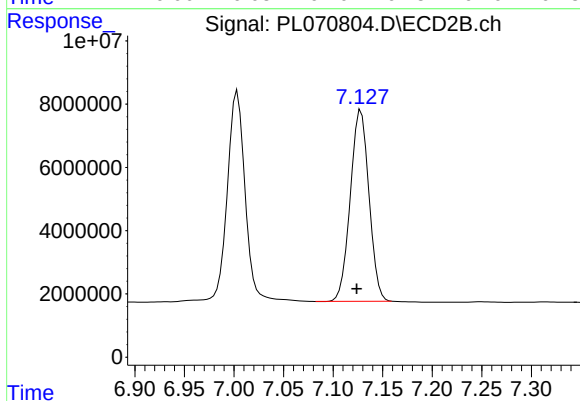
#3 gamma-BHC (Lindane)

R.T.: 6.481 min
Delta R.T.: 0.004 min
Response: 80603412
Conc: 46.48 ng/ml



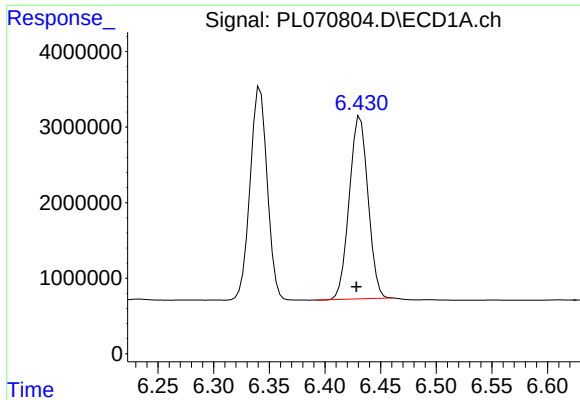
#4 Heptachlor

R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 31377236
Conc: 43.73 ng/ml



#4 Heptachlor

R.T.: 7.128 min
Delta R.T.: 0.004 min
Response: 79445535
Conc: 48.91 ng/ml



#5 Aldrin

R.T.: 6.432 min
Delta R.T.: 0.003 min
Response: 28375942
Conc: 44.37 ng/ml

Instrument :

ECD_L

ClientSampleId :

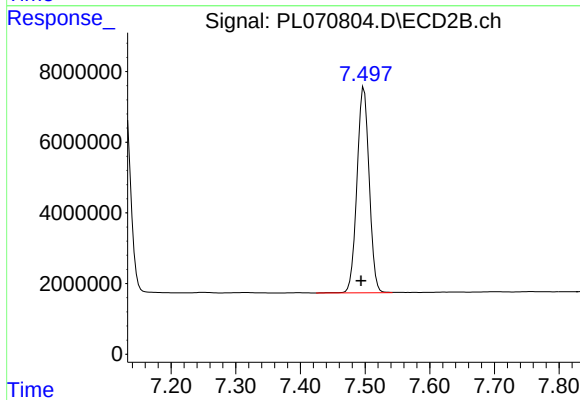
PB140519BS

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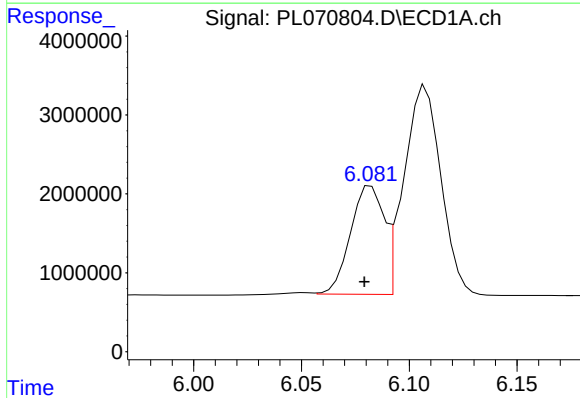
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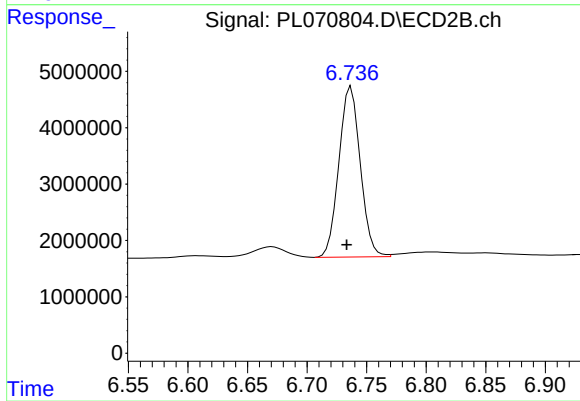
#5 Aldrin

R.T.: 7.498 min
Delta R.T.: 0.005 min
Response: 76089873
Conc: 46.86 ng/ml



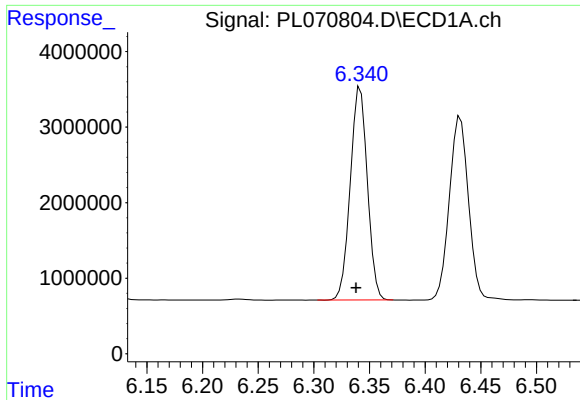
#6 beta-BHC

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 14793767
Conc: 45.54 ng/ml



#6 beta-BHC

R.T.: 6.737 min
Delta R.T.: 0.003 min
Response: 37802357
Conc: 44.12 ng/ml



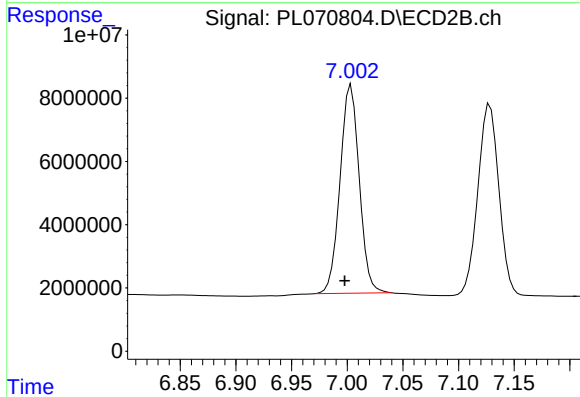
#7 delta-BHC

R.T.: 6.342 min
Delta R.T.: 0.004 min
Response: 30164379
Conc: 45.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140519BS

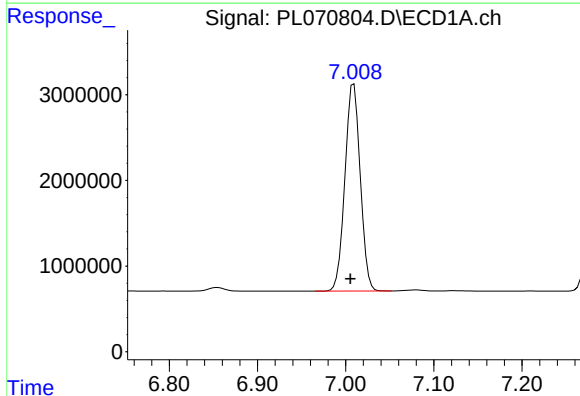
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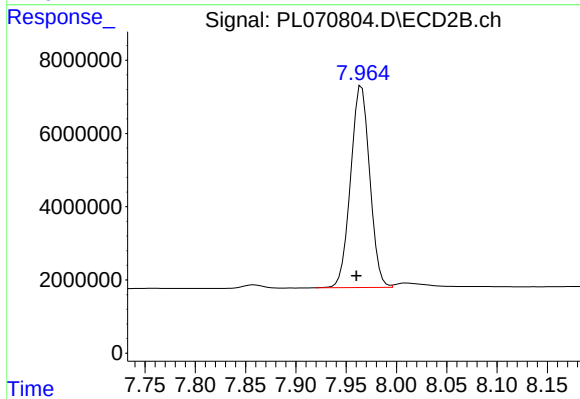
#7 delta-BHC

R.T.: 7.004 min
Delta R.T.: 0.006 min
Response: 79137781
Conc: 47.32 ng/ml



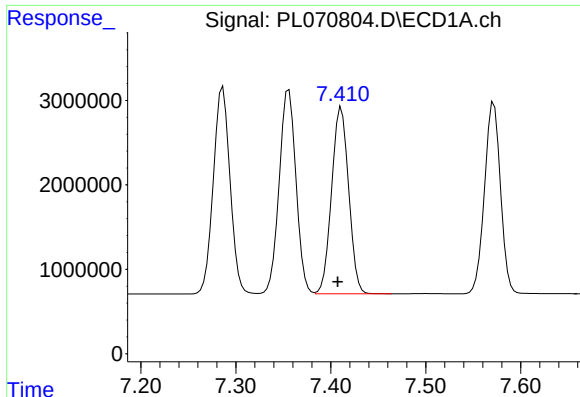
#8 Heptachlor epoxide

R.T.: 7.009 min
Delta R.T.: 0.004 min
Response: 29192669
Conc: 44.90 ng/ml



#8 Heptachlor epoxide

R.T.: 7.965 min
Delta R.T.: 0.005 min
Response: 72671738
Conc: 47.68 ng/ml



#9 Endosulfan I

R.T.: 7.411 min
Delta R.T.: 0.004 min
Response: 27599647
Conc: 45.06 ng/ml

Instrument :

ECD_L

ClientSampleId :

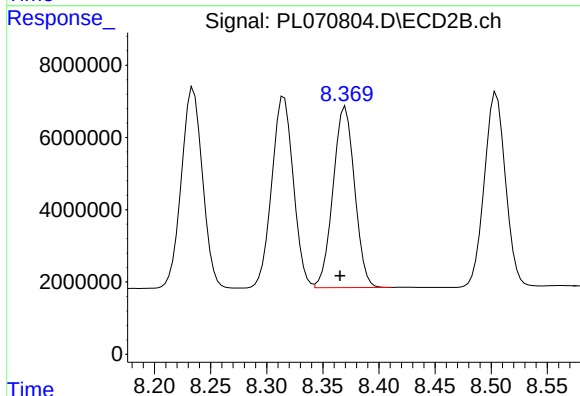
PB140519BS

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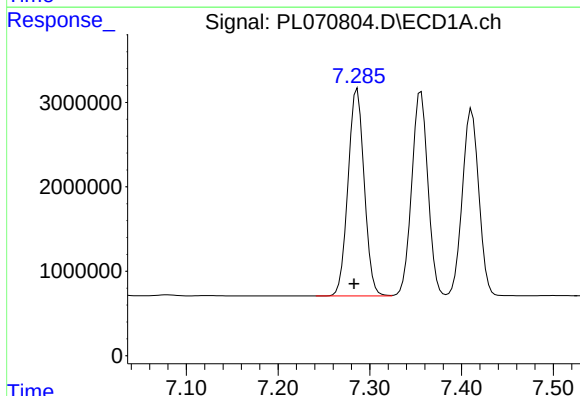
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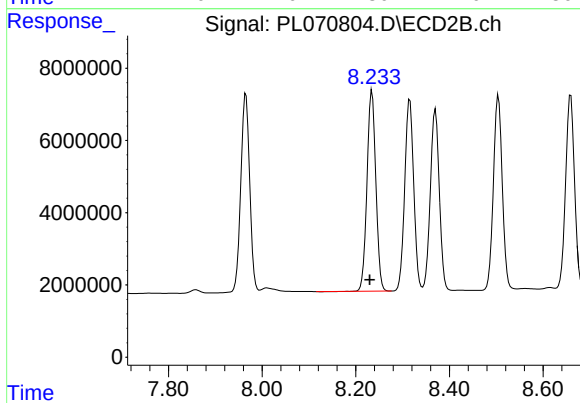
#9 Endosulfan I

R.T.: 8.370 min
Delta R.T.: 0.005 min
Response: 66972529
Conc: 46.55 ng/ml



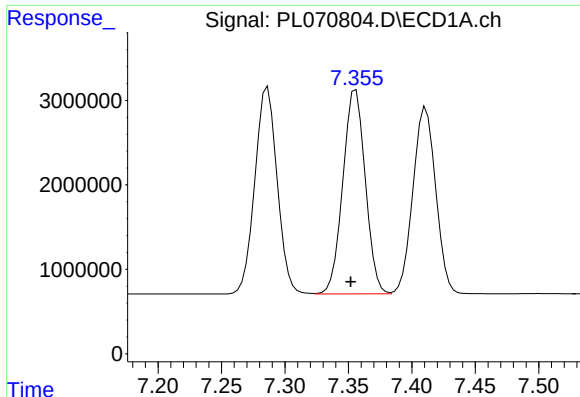
#10 gamma-Chlordane

R.T.: 7.286 min
Delta R.T.: 0.004 min
Response: 29981948
Conc: 45.17 ng/ml



#10 gamma-Chlordane

R.T.: 8.235 min
Delta R.T.: 0.005 min
Response: 72754371
Conc: 46.99 ng/ml



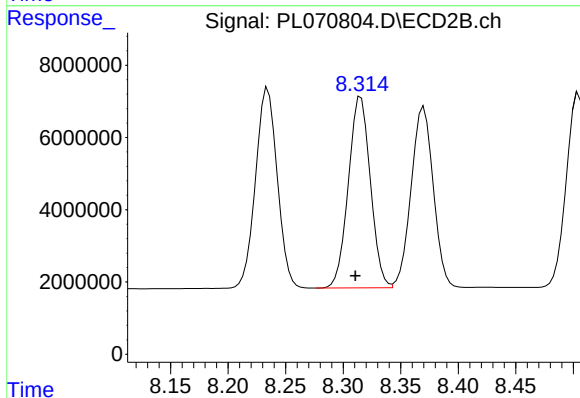
#11 alpha-Chlordane

R.T.: 7.356 min
Delta R.T.: 0.004 min
Response: 29744832
Conc: 44.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140519BS

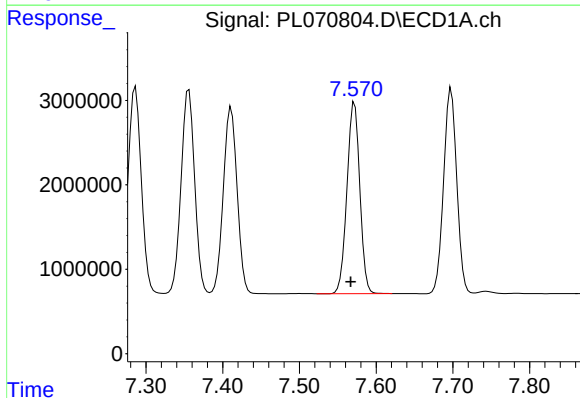
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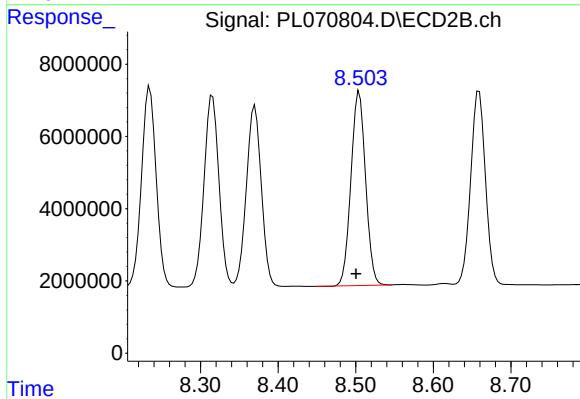
#11 alpha-Chlordane

R.T.: 8.315 min
Delta R.T.: 0.005 min
Response: 70809486
Conc: 46.56 ng/ml



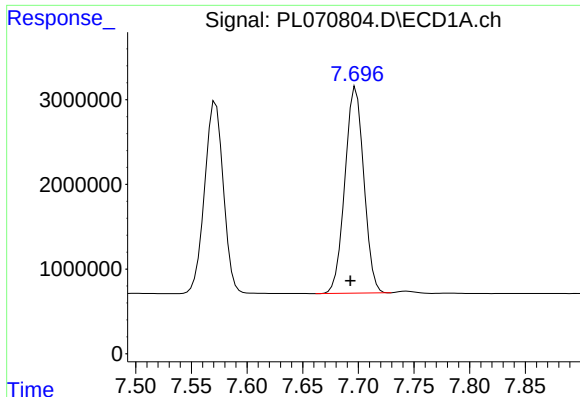
#12 4,4'-DDE

R.T.: 7.572 min
Delta R.T.: 0.005 min
Response: 26559857
Conc: 45.59 ng/ml



#12 4,4'-DDE

R.T.: 8.505 min
Delta R.T.: 0.004 min
Response: 70240228
Conc: 47.60 ng/ml



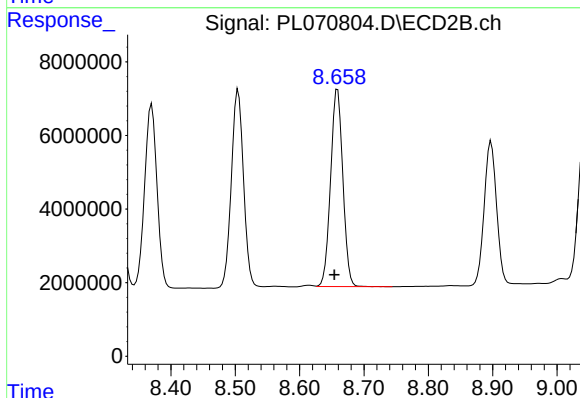
#13 Dieldrin

R.T.: 7.698 min
Delta R.T.: 0.005 min
Response: 28787586
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140519BS

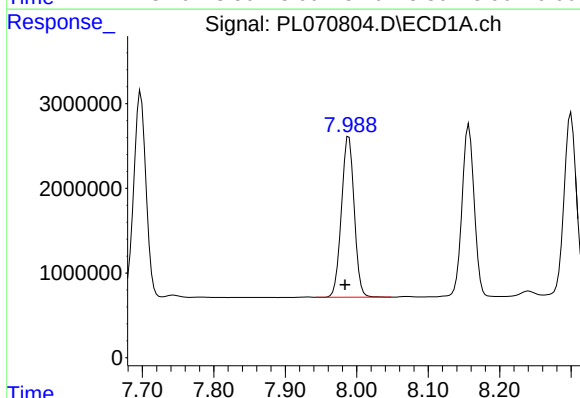
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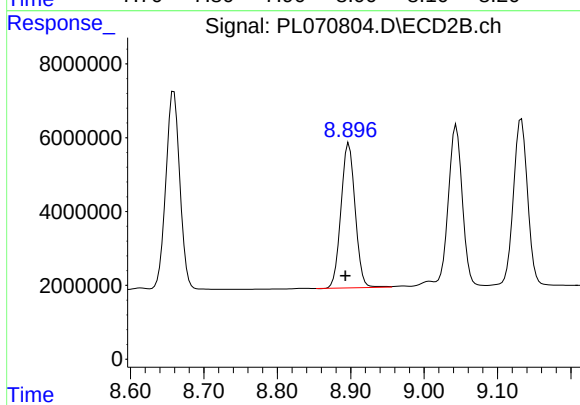
#13 Dieldrin

R.T.: 8.659 min
Delta R.T.: 0.005 min
Response: 71011134
Conc: 48.73 ng/ml



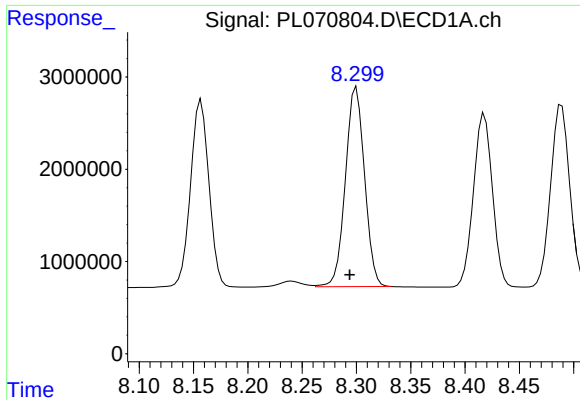
#14 Endrin

R.T.: 7.989 min
Delta R.T.: 0.005 min
Response: 23524963
Conc: 41.49 ng/ml



#14 Endrin

R.T.: 8.898 min
Delta R.T.: 0.005 min
Response: 52543247
Conc: 45.36 ng/ml



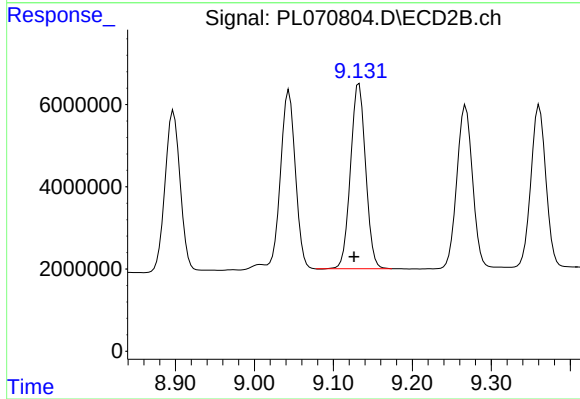
#15 Endosulfan II

R.T.: 8.300 min
Delta R.T.: 0.006 min
Response: 26531961
Conc: 43.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140519BS

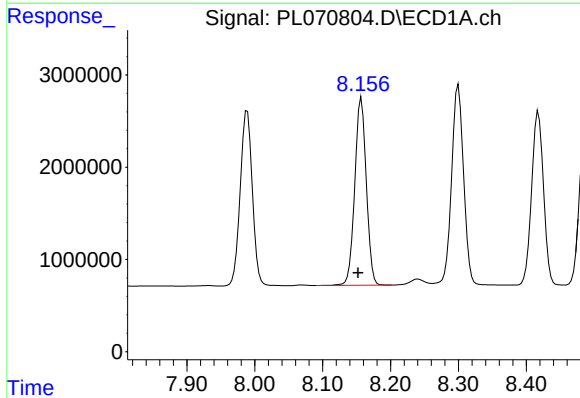
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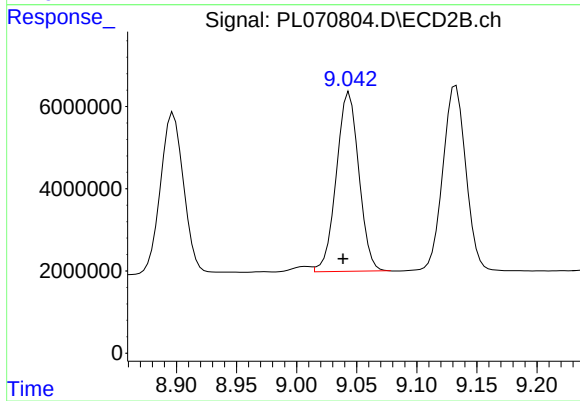
#15 Endosulfan II

R.T.: 9.133 min
Delta R.T.: 0.006 min
Response: 59967565
Conc: 49.10 ng/ml



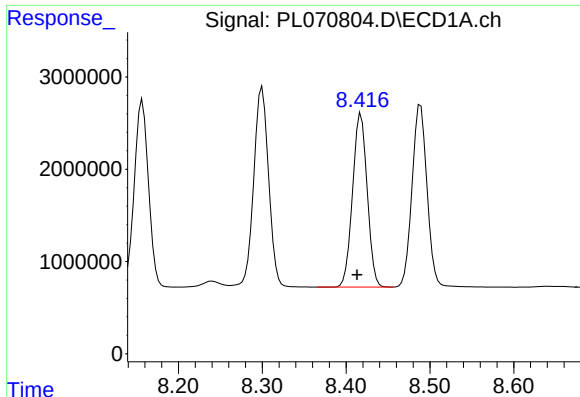
#16 4,4'-DDD

R.T.: 8.157 min
Delta R.T.: 0.005 min
Response: 24049161
Conc: 47.33 ng/ml



#16 4,4'-DDD

R.T.: 9.044 min
Delta R.T.: 0.005 min
Response: 57014072
Conc: 47.38 ng/ml



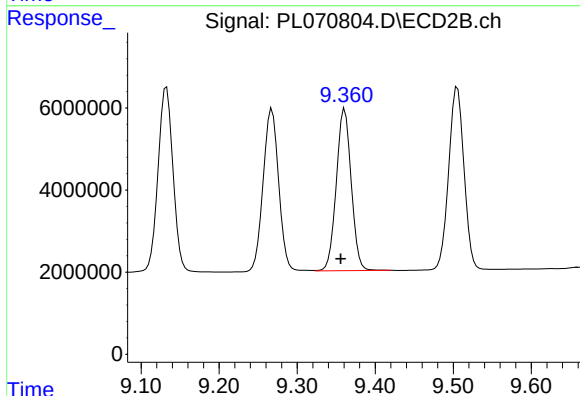
#17 4,4'-DDT

R.T.: 8.418 min
Delta R.T.: 0.005 min
Response: 22851823
Conc: 41.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140519BS

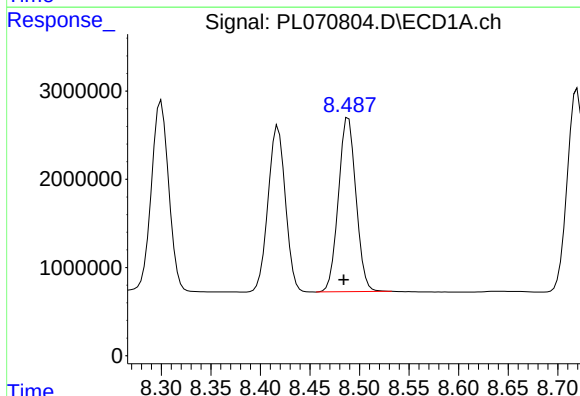
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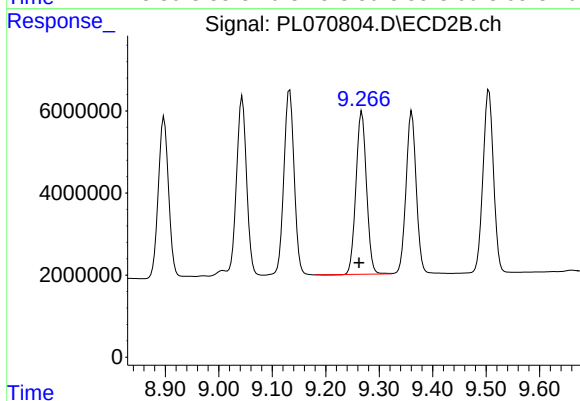
#17 4,4'-DDT

R.T.: 9.361 min
Delta R.T.: 0.005 min
Response: 52397283
Conc: 41.53 ng/ml



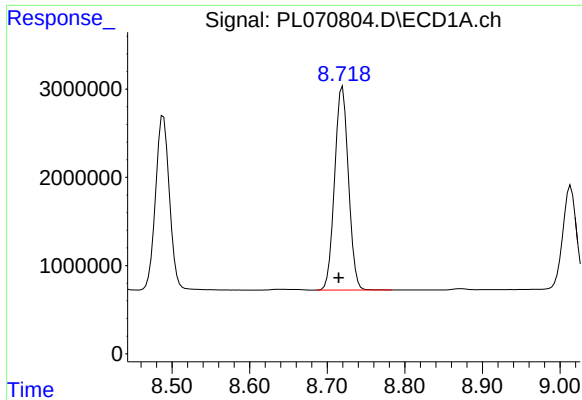
#18 Endrin aldehyde

R.T.: 8.489 min
Delta R.T.: 0.005 min
Response: 24346272
Conc: 53.59 ng/ml



#18 Endrin aldehyde

R.T.: 9.268 min
Delta R.T.: 0.005 min
Response: 54489721
Conc: 56.35 ng/ml



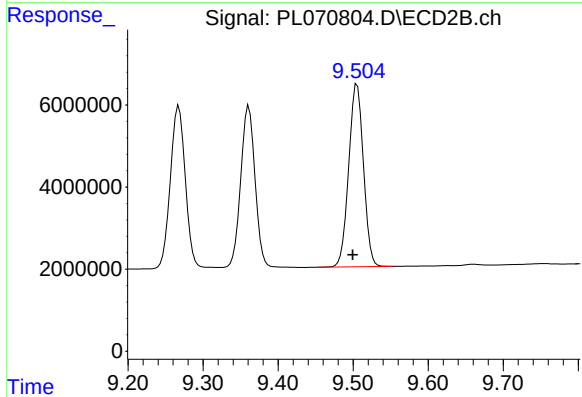
#19 Endosulfan Sulfate

R.T.: 8.720 min
Delta R.T.: 0.005 min
Response: 28553139
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140519BS

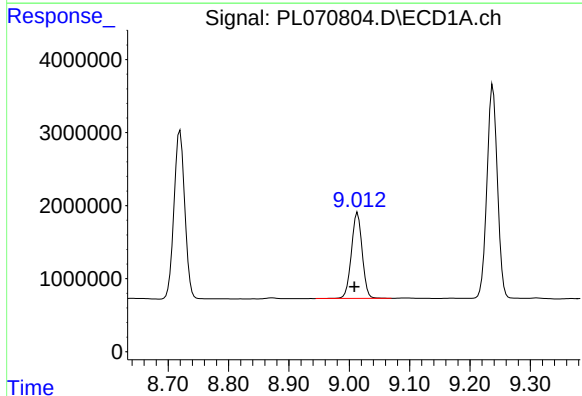
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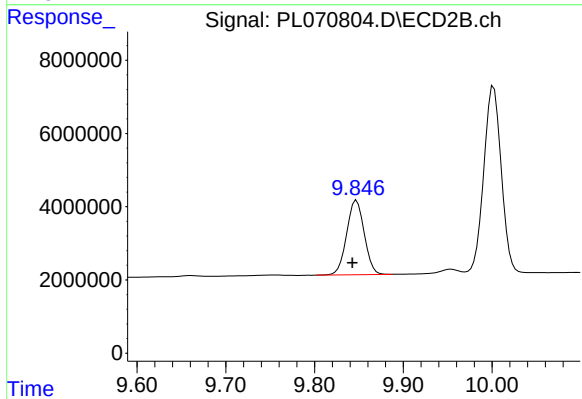
#19 Endosulfan Sulfate

R.T.: 9.505 min
Delta R.T.: 0.006 min
Response: 60748070
Conc: 49.01 ng/ml



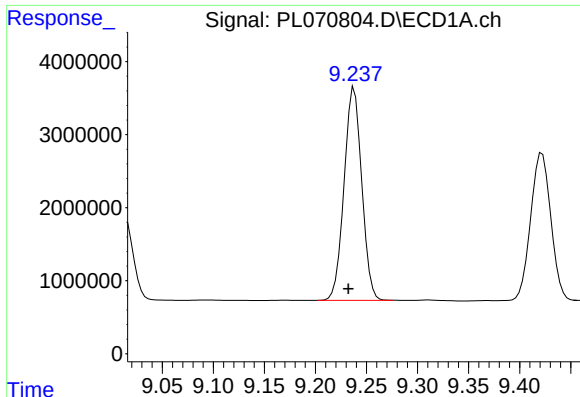
#20 Methoxychlor

R.T.: 9.014 min
Delta R.T.: 0.005 min
Response: 14594002
Conc: 39.89 ng/ml



#20 Methoxychlor

R.T.: 9.847 min
Delta R.T.: 0.005 min
Response: 28000628
Conc: 41.37 ng/ml



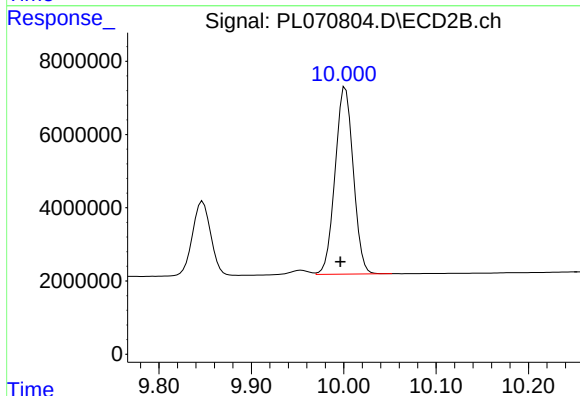
#21 Endrin ketone

R.T.: 9.237 min
Delta R.T.: 0.004 min
Response: 35120769
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140519BS

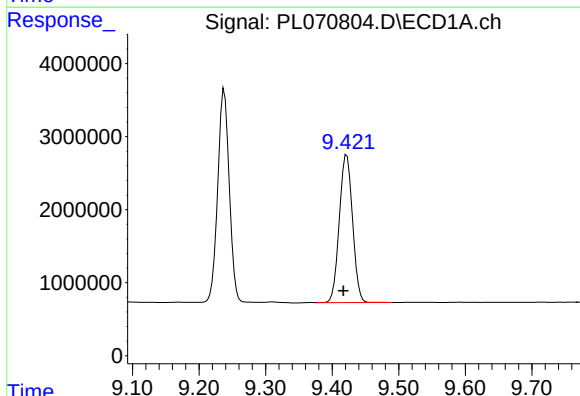
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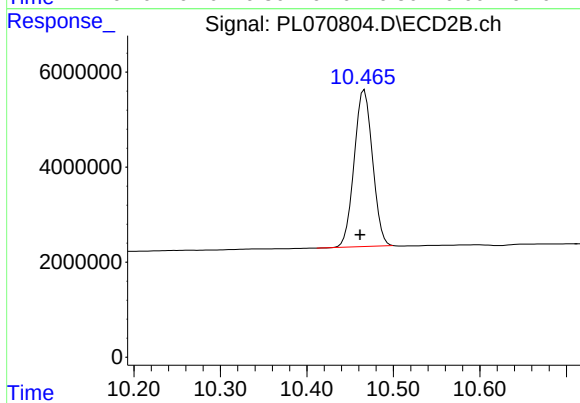
#21 Endrin ketone

R.T.: 10.002 min
Delta R.T.: 0.006 min
Response: 69941837
Conc: 48.72 ng/ml



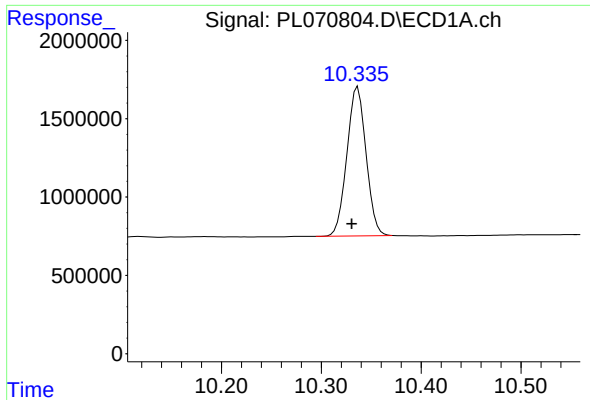
#22 Mirex

R.T.: 9.422 min
Delta R.T.: 0.005 min
Response: 27882323
Conc: 45.40 ng/ml



#22 Mirex

R.T.: 10.466 min
Delta R.T.: 0.005 min
Response: 48494018
Conc: 46.56 ng/ml



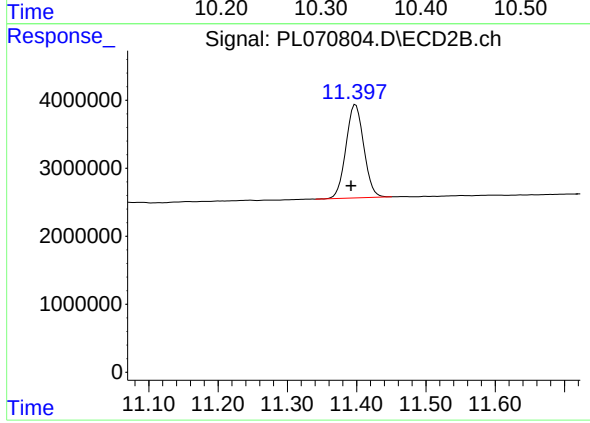
#28 Decachlorobiphenyl

R.T.: 10.337 min
Delta R.T.: 0.006 min
Response: 12678738
Conc: 18.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140519BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#28 Decachlorobiphenyl

R.T.: 11.398 min
Delta R.T.: 0.007 min
Response: 24568232
Conc: 18.37 ng/ml