

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111821\
 Data File : PL071058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2021 13:02
 Operator : AR\AJ
 Sample : PB140833BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB140833BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/19/2021
 Supervised By : mohammad ahmed 11/19/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 05:22:01 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...	4.575	5.504	12929651	33749095	26.398	26.767
28)	SA Decachlor...	10.336	11.399	14325985	28537732	20.966	21.339
Target Compounds							
2)	A alpha-BHC	5.280	6.085	37472362	106.1E6	55.978	57.639
3)	MA gamma-BHC...	5.703	6.480	36170488	97896035	53.923	56.455
4)	MA Heptachlor	6.110	7.128	37172373	93966311	51.807	57.851
5)	MB Aldrin	6.434	7.498	34596851	90764999	54.103	55.896
6)	B beta-BHC	6.085	6.736	16665463	46325180	51.305	54.066m
7)	B delta-BHC	6.345	7.004	36213813	96094719	54.719	57.464
8)	B Heptachlo...	7.011	7.965	34106134	79987162	52.459	52.480
9)	A Endosulfan I	7.413	8.370	32339846	76097521	52.794	52.896
10)	B gamma-Chl...	7.288	8.235	34746314	82405214	52.343	53.221
11)	B alpha-Chl...	7.358	8.315	34664836	80814749	52.021	53.134
12)	B 4,4'-DDE	7.573	8.505	31252532	79328914	53.641	53.764
13)	MA Dieldrin	7.699	8.659	32832976	78075182	52.599	53.582
14)	MA Endrin	7.990	8.898	26471712	56891500	46.690	49.116
15)	B Endosulfa...	8.302	9.133	29042773	64109572	47.977	52.491
16)	A 4,4'-DDD	8.158	9.044	30402813	67608427	59.837	56.180
17)	MA 4,4'-DDT	8.419	9.361	23074531	53689310	41.956	42.557
18)	B Endrin al...	8.490	9.268	23987847	51241180	52.800	52.987
19)	B Endosulfa...	8.721	9.505	30716784	63321606	49.793	51.090
20)	A Methoxychlor	9.015	9.848	14672201	28394052	40.105	41.953
21)	B Endrin ke...	9.239	10.002	37895459	71941334	52.996	50.116
22)	Mirex	9.423	10.467	28681077	47328925	46.702	45.438

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111821\
 Data File : PL071058.D
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 Acq On : 18 Nov 2021 13:02
 Operator : AR\AJ
 Sample : PB140833BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

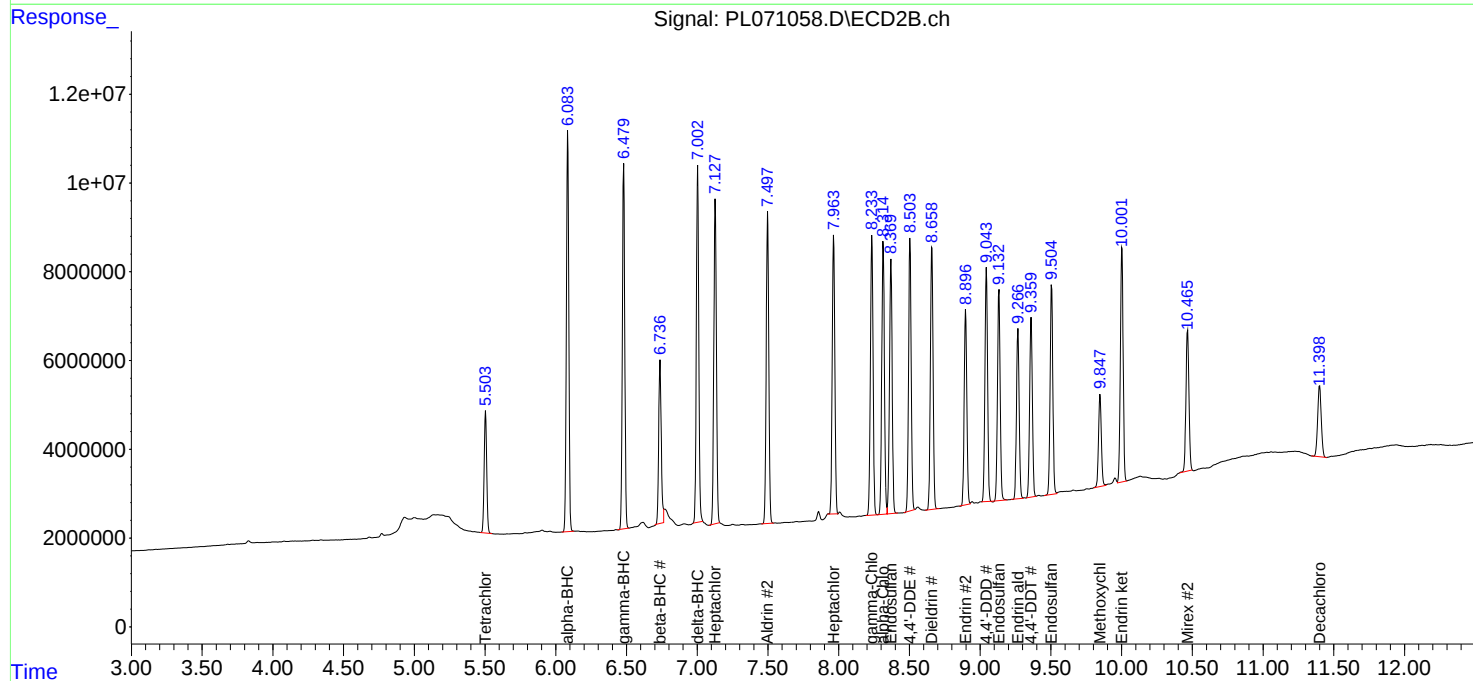
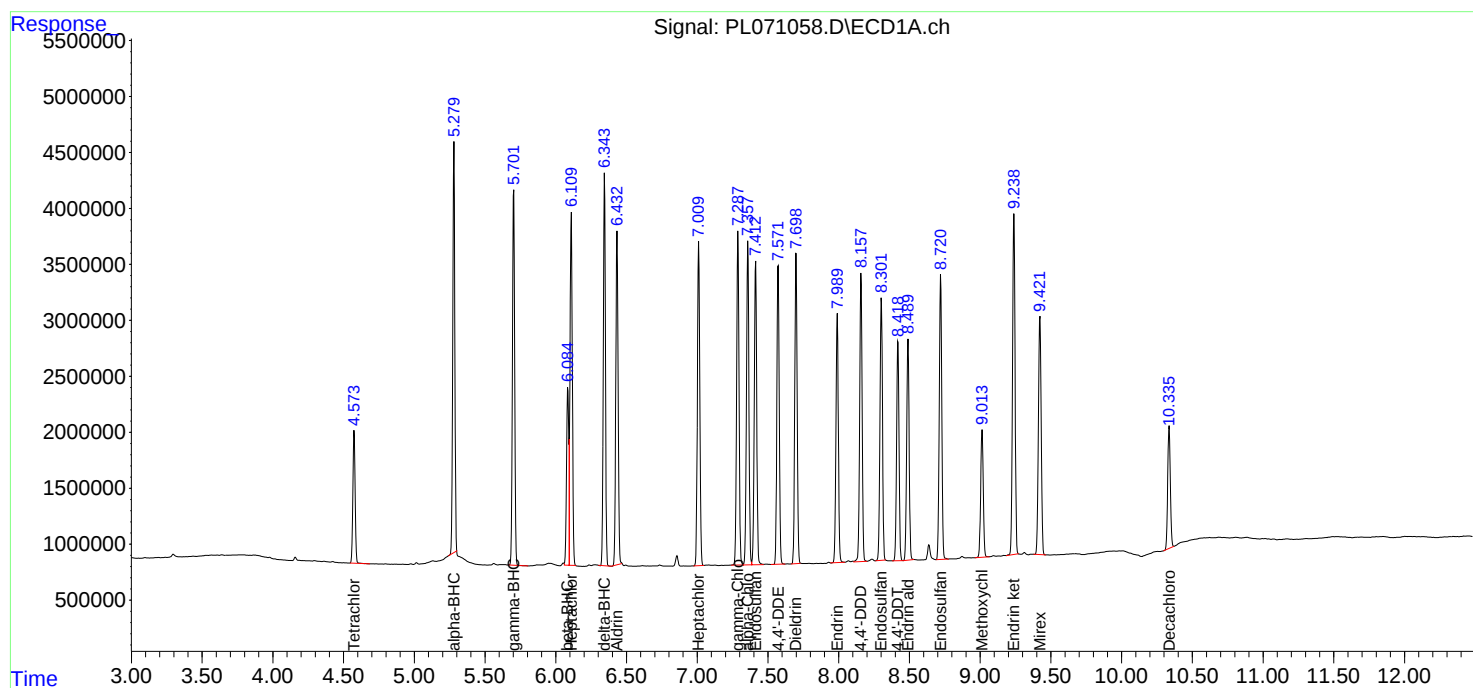
Instrument :
 ECD_L
 ClientSampleId :
 PB140833BS

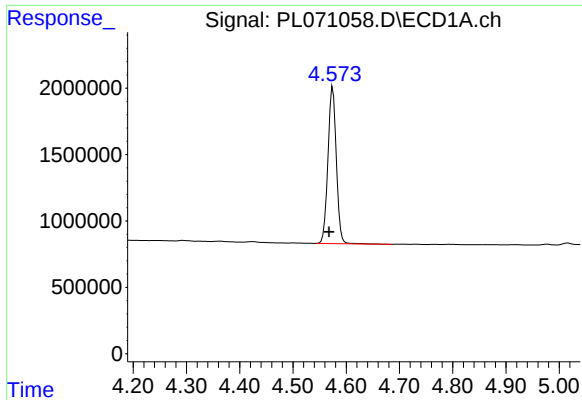
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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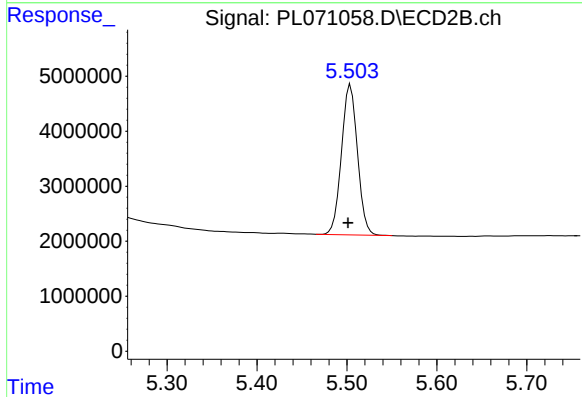
#1 Tetrachloro-m-xylene

R.T.: 4.575 min
Delta R.T.: 0.007 min
Response: 12929651
Conc: 26.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140833BS

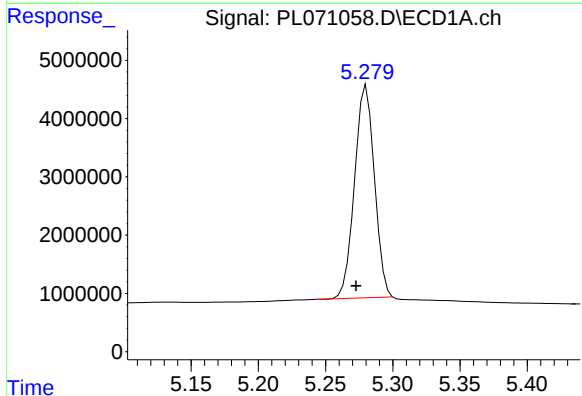
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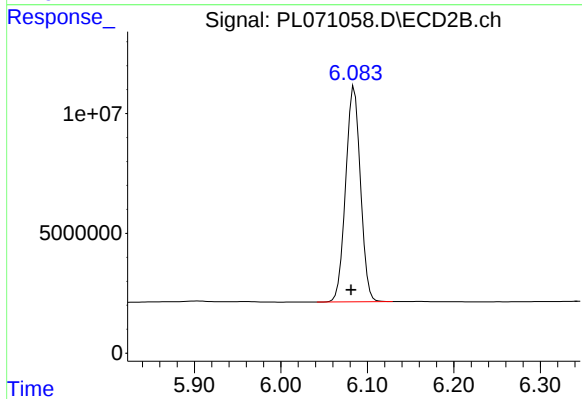
#1 Tetrachloro-m-xylene

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 33749095
Conc: 26.77 ng/ml



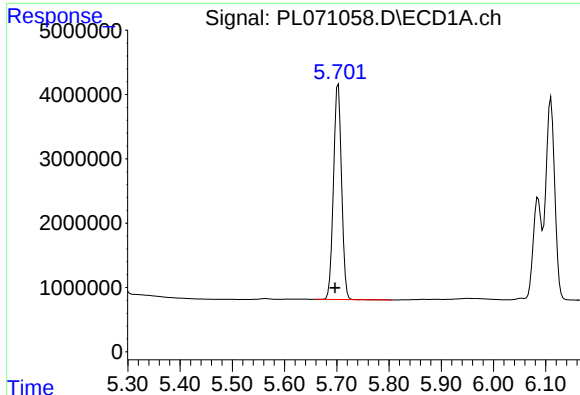
#2 alpha-BHC

R.T.: 5.280 min
Delta R.T.: 0.008 min
Response: 37472362
Conc: 55.98 ng/ml



#2 alpha-BHC

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 106101413
Conc: 57.64 ng/ml



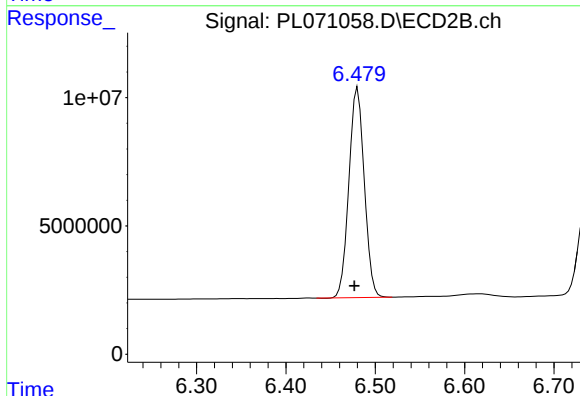
#3 gamma-BHC (Lindane)

R.T.: 5.703 min
Delta R.T.: 0.006 min
Response: 36170488
Conc: 53.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140833BS

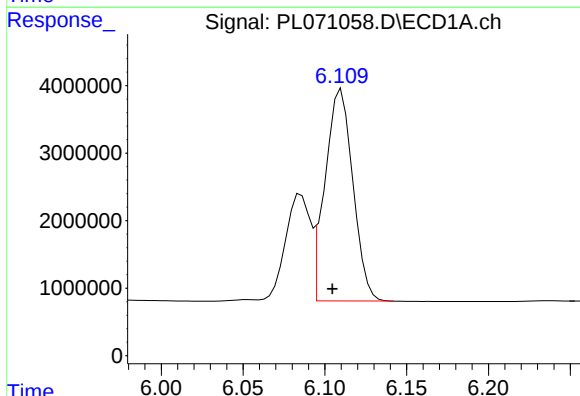
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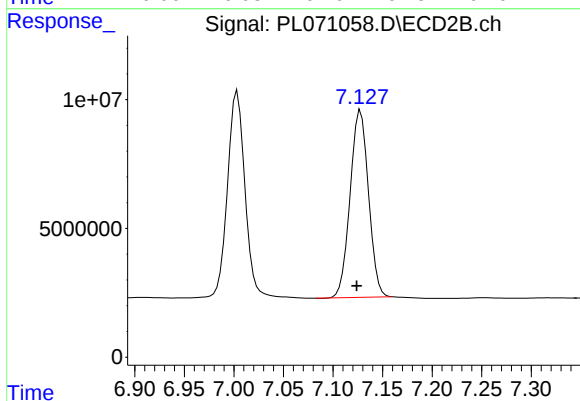
#3 gamma-BHC (Lindane)

R.T.: 6.480 min
Delta R.T.: 0.004 min
Response: 97896035
Conc: 56.46 ng/ml



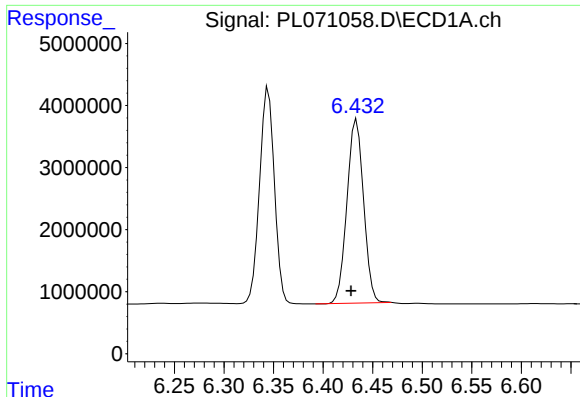
#4 Heptachlor

R.T.: 6.110 min
Delta R.T.: 0.006 min
Response: 37172373
Conc: 51.81 ng/ml



#4 Heptachlor

R.T.: 7.128 min
Delta R.T.: 0.004 min
Response: 93966311
Conc: 57.85 ng/ml



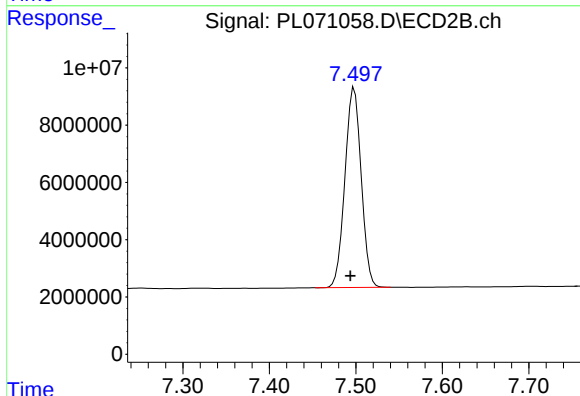
#5 Aldrin

R.T.: 6.434 min
Delta R.T.: 0.005 min
Response: 34596851
Conc: 54.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140833BS

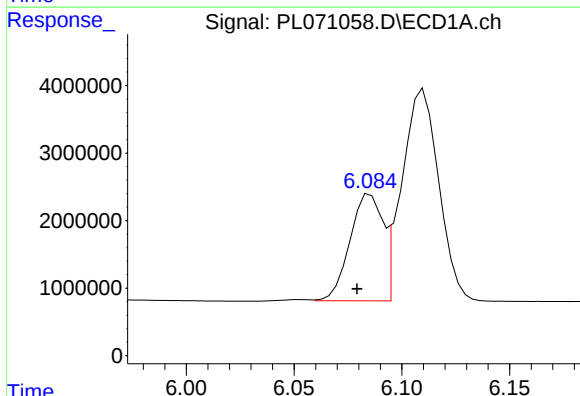
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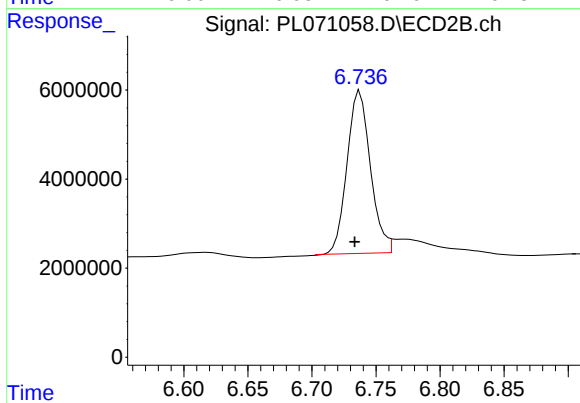
#5 Aldrin

R.T.: 7.498 min
Delta R.T.: 0.004 min
Response: 90764999
Conc: 55.90 ng/ml



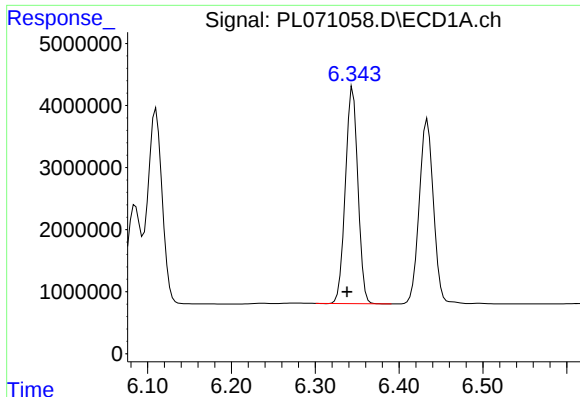
#6 beta-BHC

R.T.: 6.085 min
Delta R.T.: 0.006 min
Response: 16665463
Conc: 51.30 ng/ml



#6 beta-BHC

R.T.: 6.736 min
Delta R.T.: 0.003 min
Response: 46325180
Conc: 54.07 ng/ml m



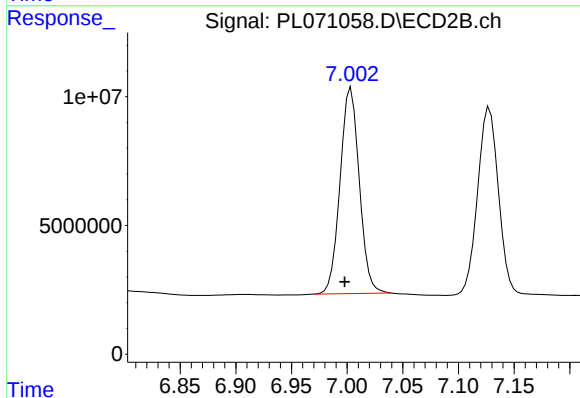
#7 delta-BHC

R.T.: 6.345 min
Delta R.T.: 0.007 min
Response: 36213813
Conc: 54.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140833BS

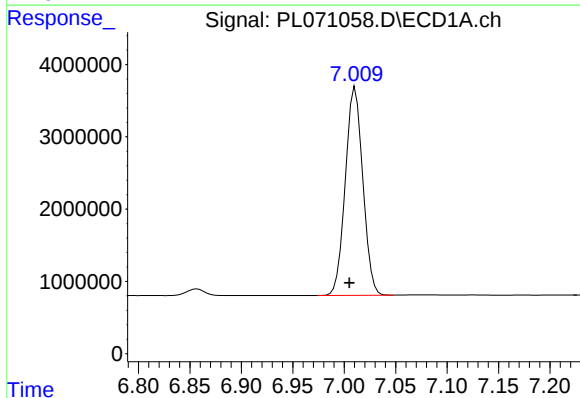
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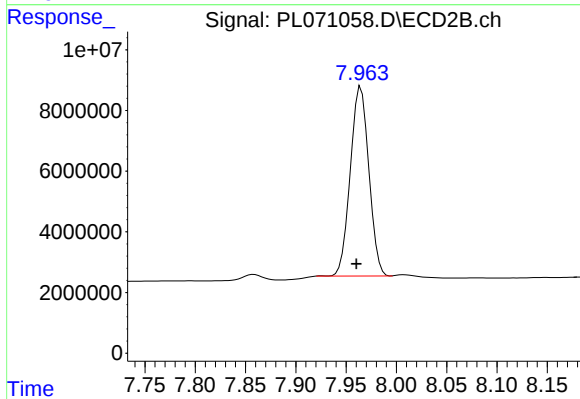
#7 delta-BHC

R.T.: 7.004 min
Delta R.T.: 0.006 min
Response: 96094719
Conc: 57.46 ng/ml



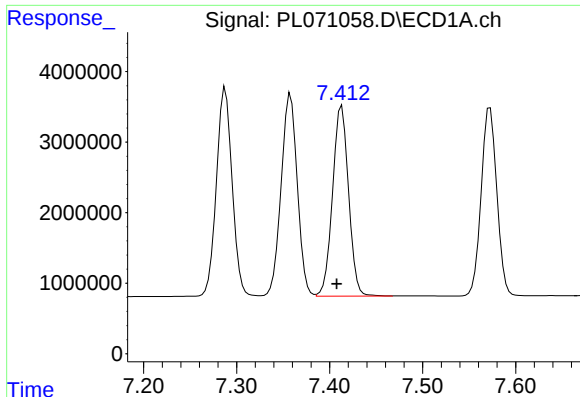
#8 Heptachlor epoxide

R.T.: 7.011 min
Delta R.T.: 0.005 min
Response: 34106134
Conc: 52.46 ng/ml



#8 Heptachlor epoxide

R.T.: 7.965 min
Delta R.T.: 0.005 min
Response: 79987162
Conc: 52.48 ng/ml



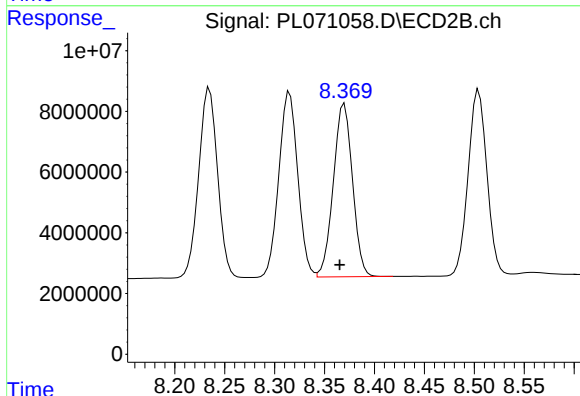
#9 Endosulfan I

R.T.: 7.413 min
Delta R.T.: 0.006 min
Response: 32339846
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140833BS

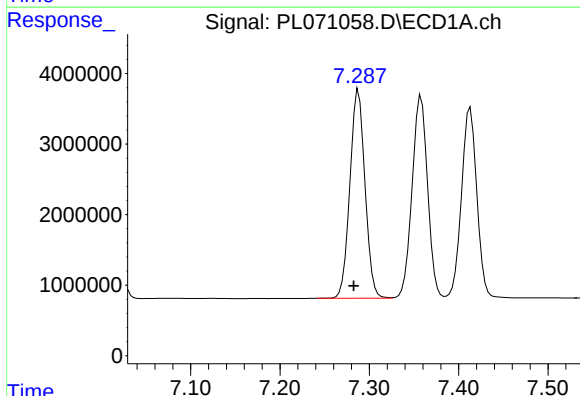
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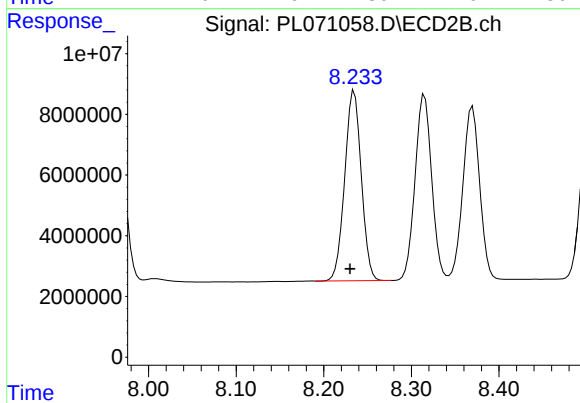
#9 Endosulfan I

R.T.: 8.370 min
Delta R.T.: 0.005 min
Response: 76097521
Conc: 52.90 ng/ml



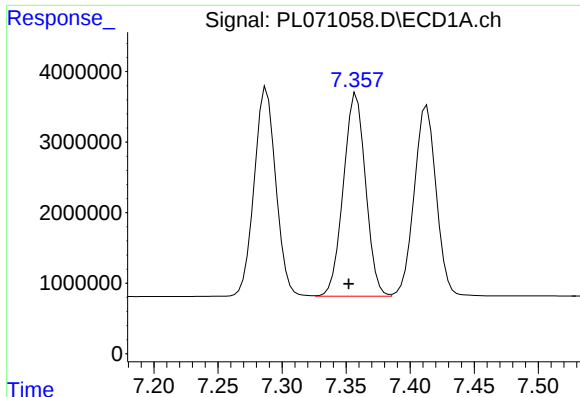
#10 gamma-Chlordane

R.T.: 7.288 min
Delta R.T.: 0.005 min
Response: 34746314
Conc: 52.34 ng/ml



#10 gamma-Chlordane

R.T.: 8.235 min
Delta R.T.: 0.005 min
Response: 82405214
Conc: 53.22 ng/ml



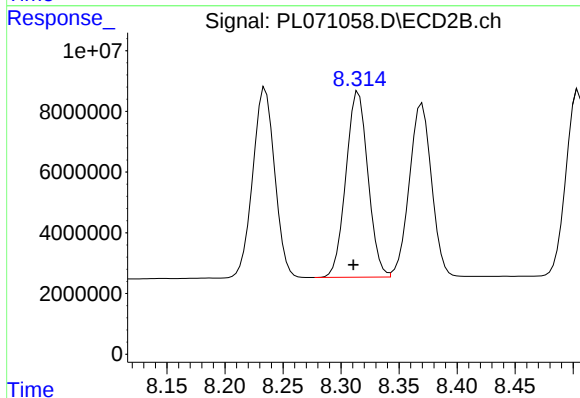
#11 alpha-Chlordane

R.T.: 7.358 min
Delta R.T.: 0.006 min
Response: 34664836
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140833BS

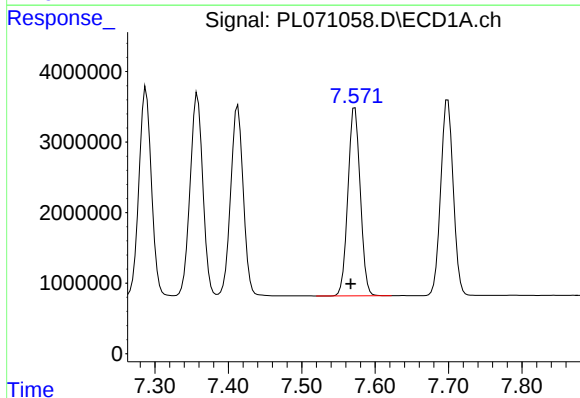
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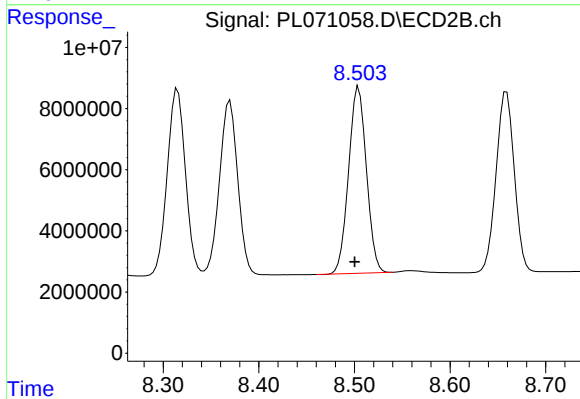
#11 alpha-Chlordane

R.T.: 8.315 min
Delta R.T.: 0.004 min
Response: 80814749
Conc: 53.13 ng/ml



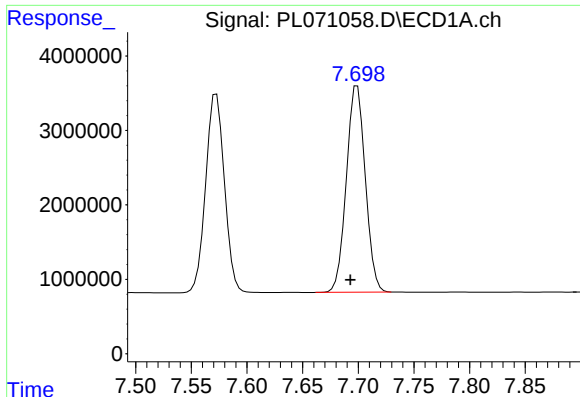
#12 4,4'-DDE

R.T.: 7.573 min
Delta R.T.: 0.006 min
Response: 31252532
Conc: 53.64 ng/ml



#12 4,4'-DDE

R.T.: 8.505 min
Delta R.T.: 0.004 min
Response: 79328914
Conc: 53.76 ng/ml



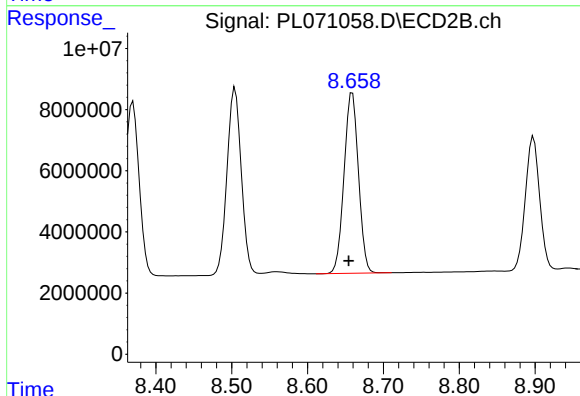
#13 Dieldrin

R.T.: 7.699 min
Delta R.T.: 0.006 min
Response: 32832976
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140833BS

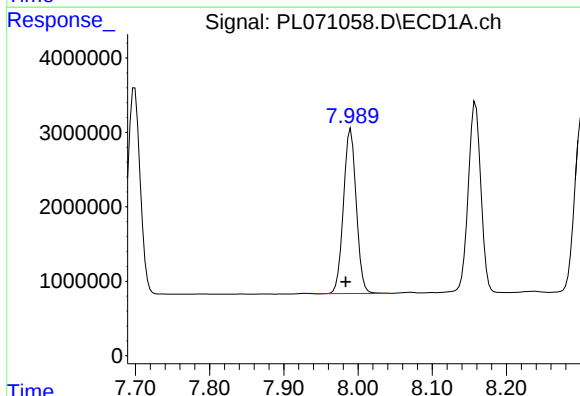
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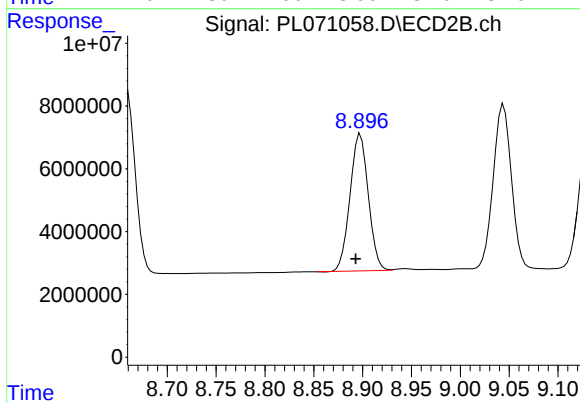
#13 Dieldrin

R.T.: 8.659 min
Delta R.T.: 0.005 min
Response: 78075182
Conc: 53.58 ng/ml



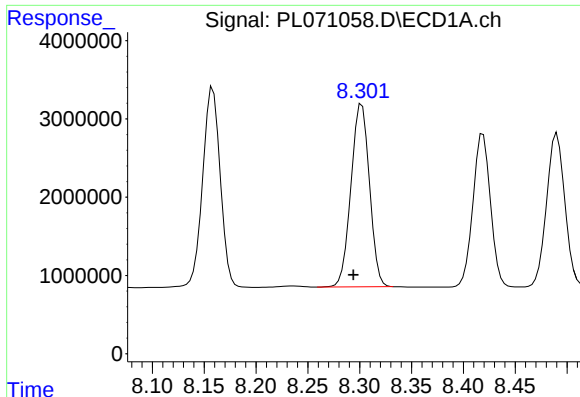
#14 Endrin

R.T.: 7.990 min
Delta R.T.: 0.006 min
Response: 26471712
Conc: 46.69 ng/ml



#14 Endrin

R.T.: 8.898 min
Delta R.T.: 0.005 min
Response: 56891500
Conc: 49.12 ng/ml



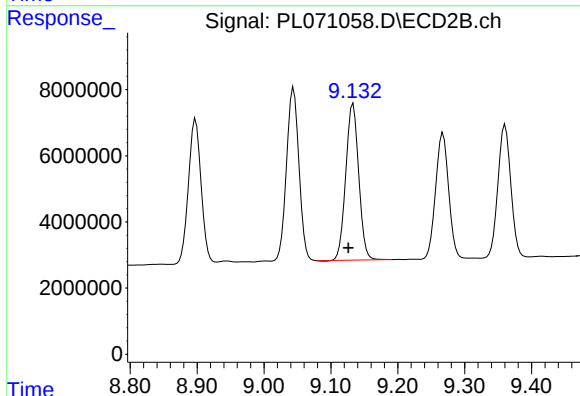
#15 Endosulfan II

R.T.: 8.302 min
Delta R.T.: 0.008 min
Response: 29042773
Conc: 47.98 ng/ml

Instrument :
ECD_L
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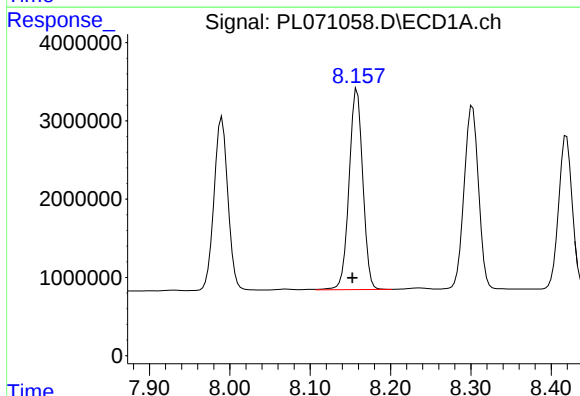
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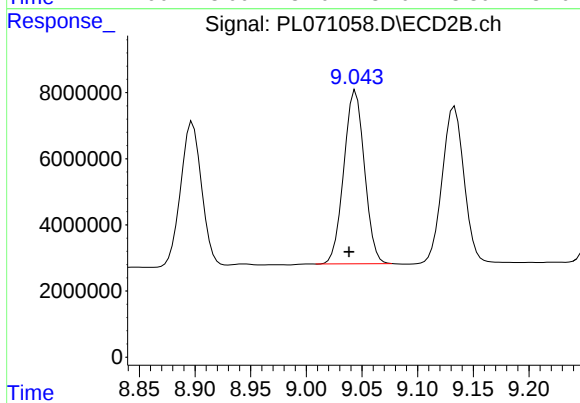
#15 Endosulfan II

R.T.: 9.133 min
Delta R.T.: 0.007 min
Response: 64109572
Conc: 52.49 ng/ml



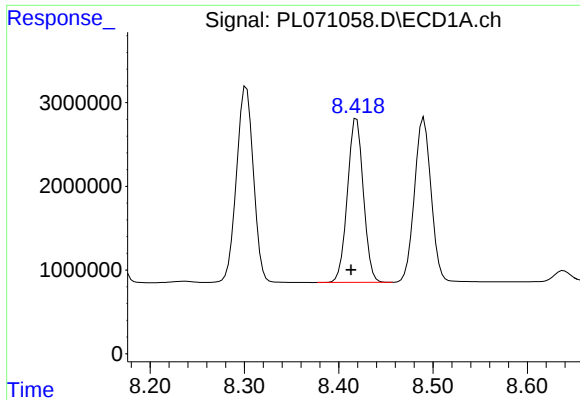
#16 4,4'-DDD

R.T.: 8.158 min
Delta R.T.: 0.006 min
Response: 30402813
Conc: 59.84 ng/ml



#16 4,4'-DDD

R.T.: 9.044 min
Delta R.T.: 0.006 min
Response: 67608427
Conc: 56.18 ng/ml



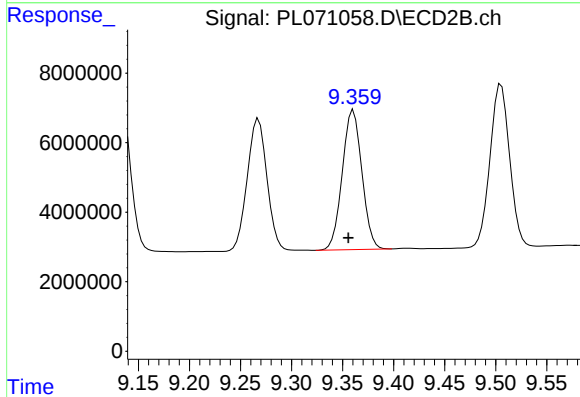
#17 4,4'-DDT

R.T.: 8.419 min
Delta R.T.: 0.006 min
Response: 23074531
Conc: 41.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
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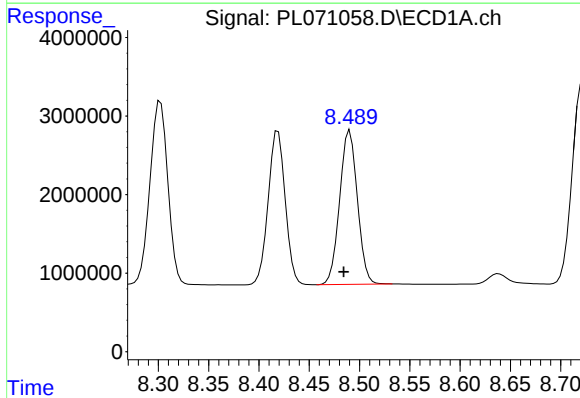
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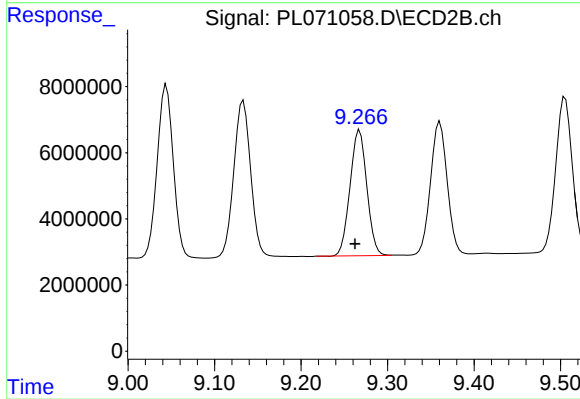
#17 4,4'-DDT

R.T.: 9.361 min
Delta R.T.: 0.005 min
Response: 53689310
Conc: 42.56 ng/ml



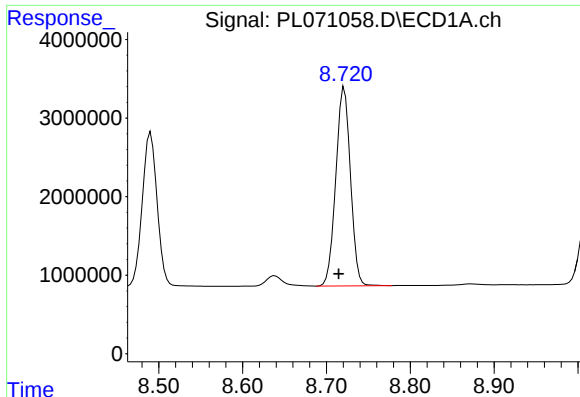
#18 Endrin aldehyde

R.T.: 8.490 min
Delta R.T.: 0.006 min
Response: 23987847
Conc: 52.80 ng/ml



#18 Endrin aldehyde

R.T.: 9.268 min
Delta R.T.: 0.005 min
Response: 51241180
Conc: 52.99 ng/ml



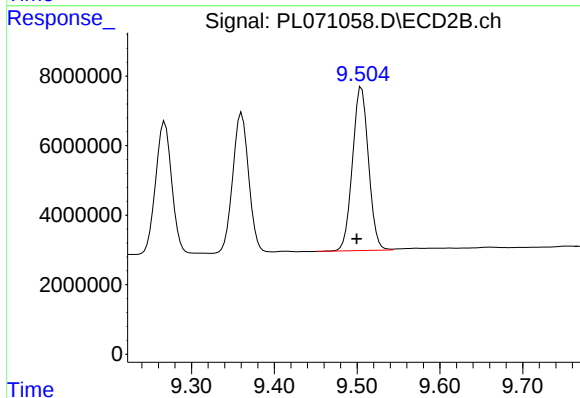
#19 Endosulfan Sulfate

R.T.: 8.721 min
Delta R.T.: 0.007 min
Response: 30716784
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140833BS

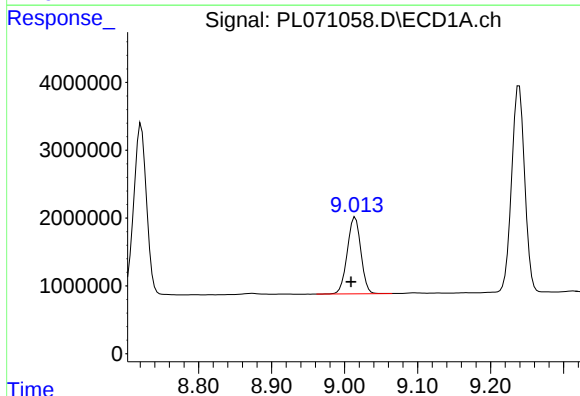
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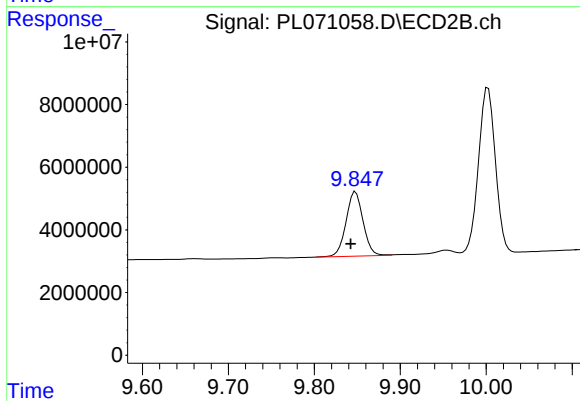
#19 Endosulfan Sulfate

R.T.: 9.505 min
Delta R.T.: 0.006 min
Response: 63321606
Conc: 51.09 ng/ml



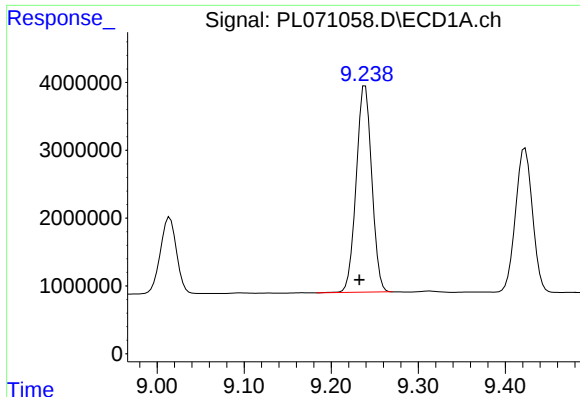
#20 Methoxychlor

R.T.: 9.015 min
Delta R.T.: 0.006 min
Response: 14672201
Conc: 40.11 ng/ml



#20 Methoxychlor

R.T.: 9.848 min
Delta R.T.: 0.006 min
Response: 28394052
Conc: 41.95 ng/ml



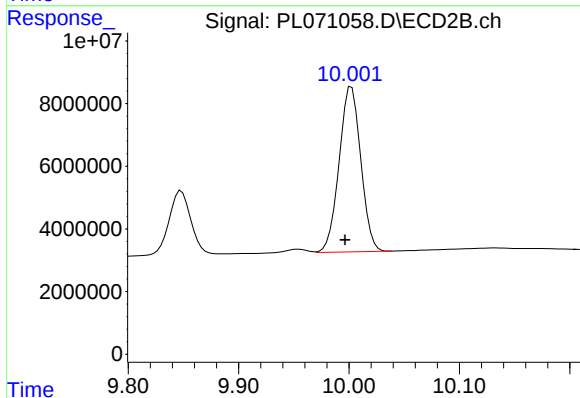
#21 Endrin ketone

R.T.: 9.239 min
Delta R.T.: 0.007 min
Response: 37895459
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140833BS

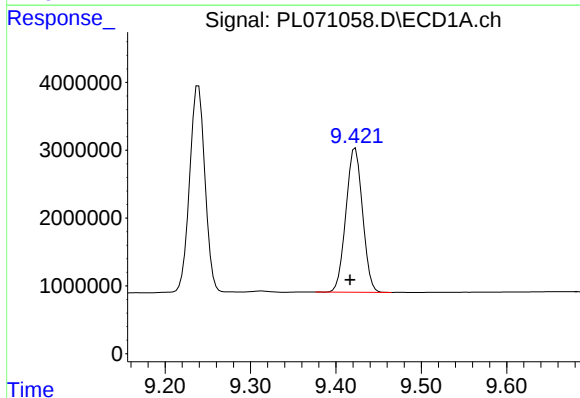
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Reviewed By :Abdul Mirza 11/19/2021
Supervised By :mohammad ahmed 11/19/2021



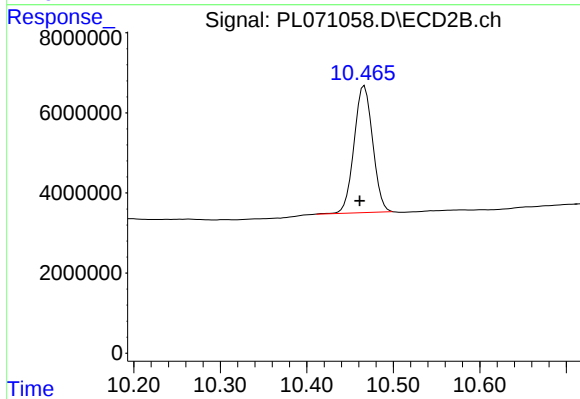
#21 Endrin ketone

R.T.: 10.002 min
Delta R.T.: 0.006 min
Response: 71941334
Conc: 50.12 ng/ml



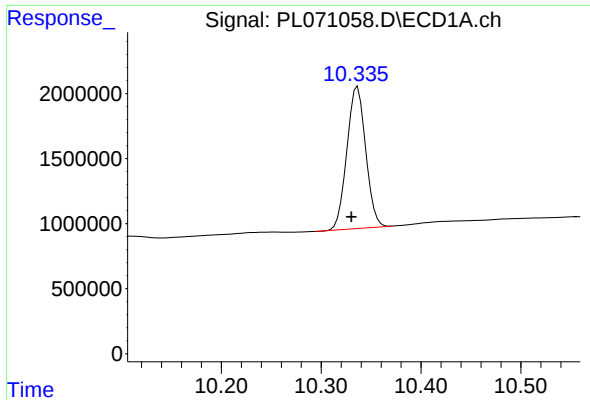
#22 Mirex

R.T.: 9.423 min
Delta R.T.: 0.006 min
Response: 28681077
Conc: 46.70 ng/ml



#22 Mirex

R.T.: 10.467 min
Delta R.T.: 0.005 min
Response: 47328925
Conc: 45.44 ng/ml



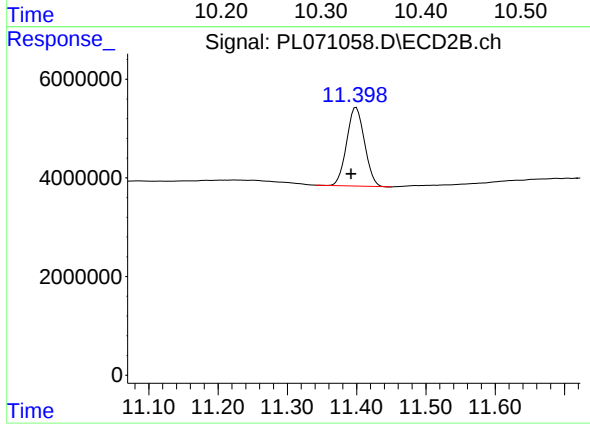
#28 Decachlorobiphenyl

R.T.: 10.336 min
Delta R.T.: 0.006 min
Response: 14325985
Conc: 20.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140833BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/19/2021
Supervised By :mohammad ahmed 11/19/2021



#28 Decachlorobiphenyl

R.T.: 11.399 min
Delta R.T.: 0.008 min
Response: 28537732
Conc: 21.34 ng/ml