

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021622\
 Data File : PL072745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2022 15:12
 Operator : AR\AJ
 Sample : PB142609BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142609BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/17/2022
 Supervised By : Ankita Jodhani 02/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 01:00:28 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...	4.559	5.489	9206318	30639679	19.120	17.738
28)	SA Decachlor...	10.314	11.379	16454184	35138801	21.734	22.159
Target Compounds							
2)	A alpha-BHC	5.264	6.071	31511654	109.7E6	47.792	45.798
3)	MA gamma-BHC...	5.687	6.467	30534013	104.6E6	48.584	45.444
4)	MA Heptachlor	6.092	7.112	35398565	106.7E6	48.496	46.865
5)	MB Aldrin	6.415	7.482	31633804	103.0E6	48.995	48.171
6)	B beta-BHC	6.074	6.727	11297745	50561669	45.594	49.598
7)	B delta-BHC	6.330	6.993	30299142	102.2E6	45.761	44.627
8)	B Heptachlo...	6.993	7.950	31536977	94943659	50.023	49.212
9)	A Endosulfan I	7.395	8.355	29905711	87426293	51.117	49.972
10)	B gamma-Chl...	7.269	8.220	32189941	96345037	50.816	49.810
11)	B alpha-Chl...	7.339	8.300	32437980	94694148	50.941	49.840
12)	B 4,4'-DDE	7.554	8.491	31591877	91709984	51.985	49.067
13)	MA Dieldrin	7.681	8.644	32375173	94635951	51.267	50.780
14)	MA Endrin	7.971	8.883	28749291	77697542	49.076	49.312
15)	B Endosulfa...	8.284	9.119	30613330	82952689	50.318	49.338
16)	A 4,4'-DDD	8.140	9.031	25640927	72110144	53.297	52.111
17)	MA 4,4'-DDT	8.400	9.347	27594446	75687975	51.283	49.442
18)	B Endrin al...	8.473	9.254	25083887	65777929	57.547	58.445
19)	B Endosulfa...	8.703	9.492	30378190	77390313	51.047	51.732
20)	A Methoxychlor	8.996	9.834	17401471	39591936	49.489	48.900m
21)	B Endrin ke...	9.219	9.989	36151899	86028649	52.602m	53.994
22)	Mirex	9.401	10.450	34172658	70745446	57.602	60.266

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

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PB142609BS

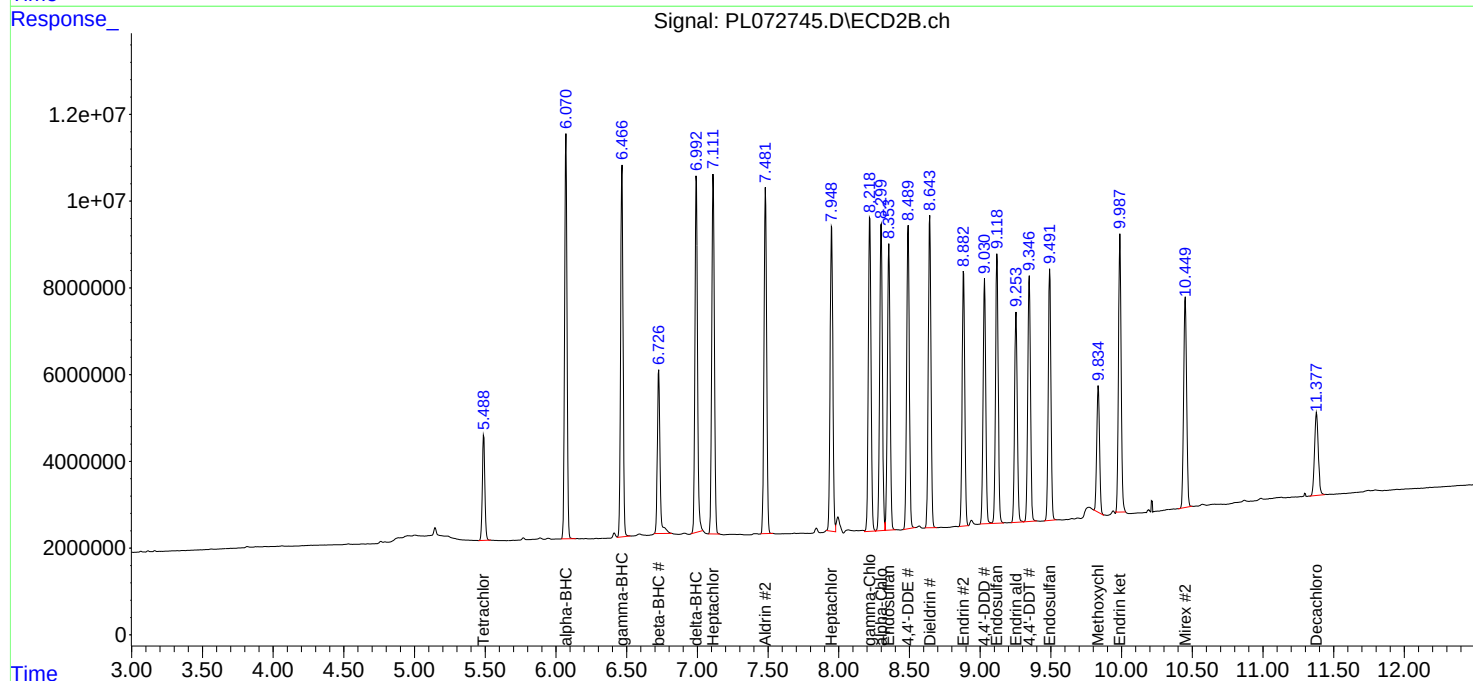
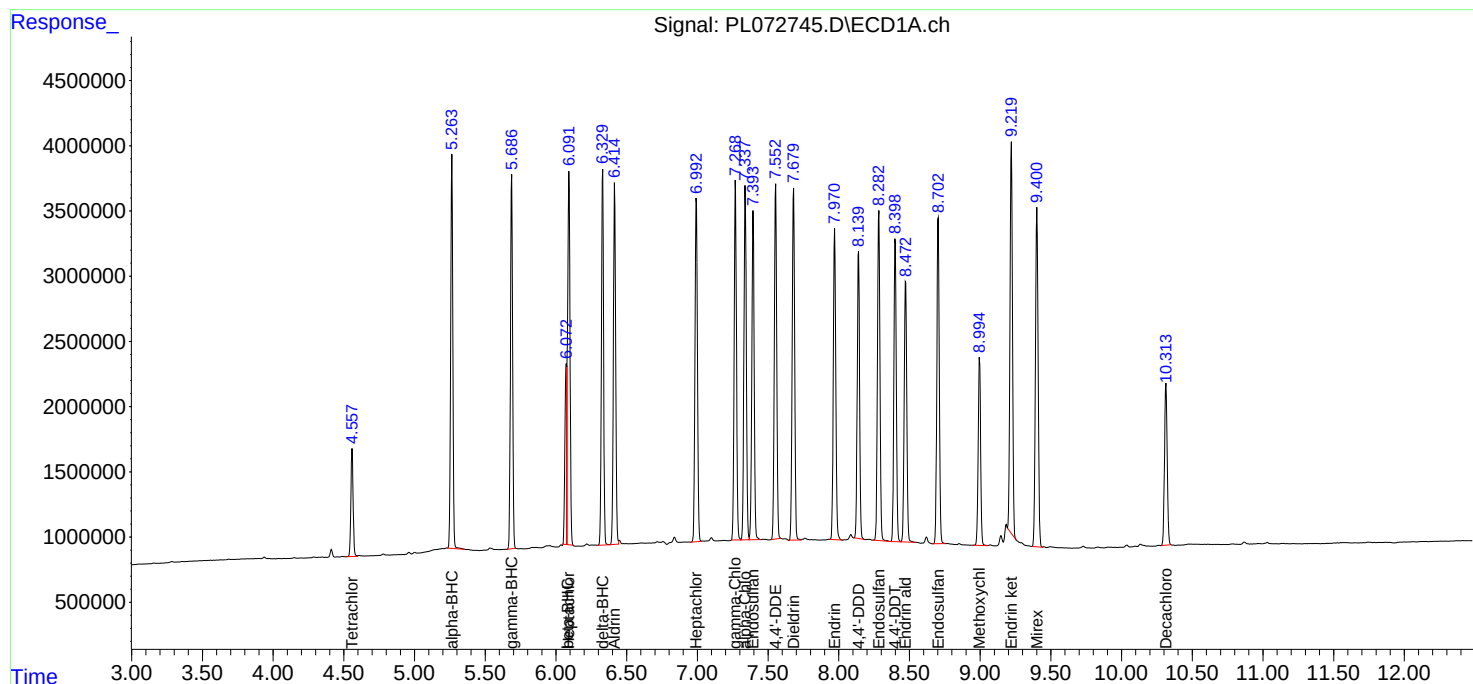
Manual Integrations

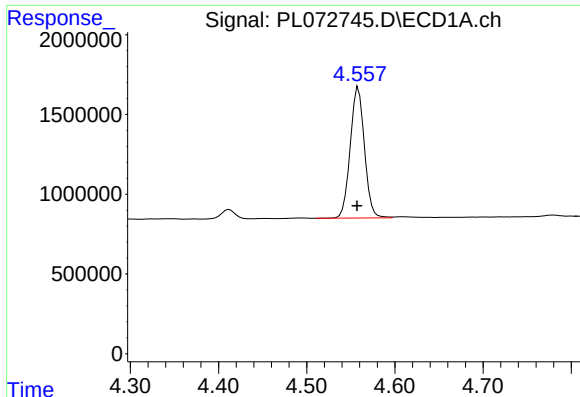
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Reviewed By :Abdul Mirza 02/17/2022
 Supervised By :Ankita Jodhani 02/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 01:00:28 2022
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Volume Inj. : 1 µl
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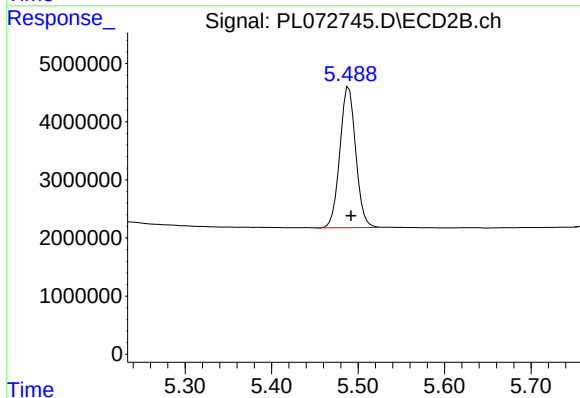
#1 Tetrachloro-m-xylene

R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 9206318
Conc: 19.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

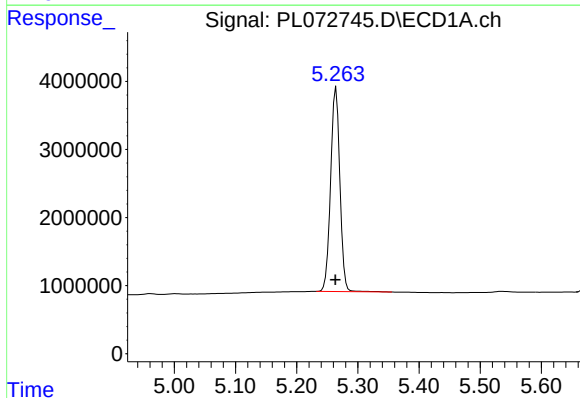
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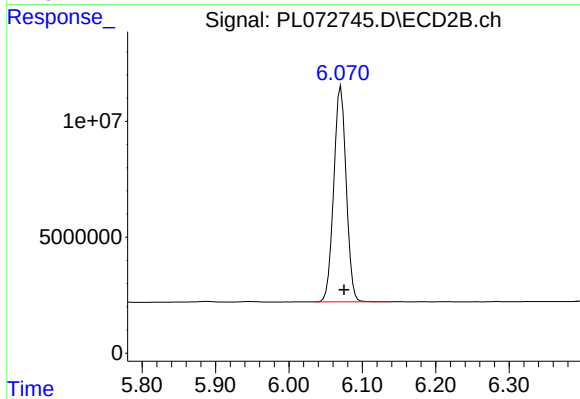
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 30639679
Conc: 17.74 ng/ml



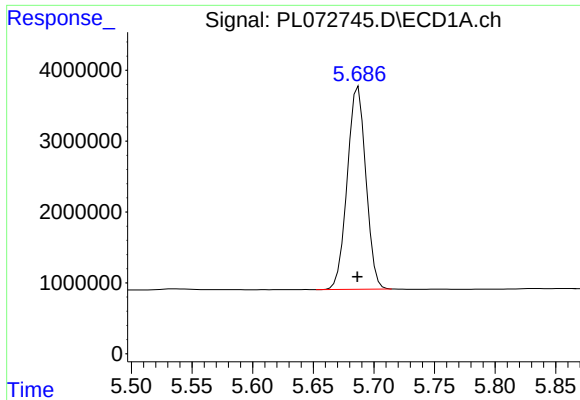
#2 alpha-BHC

R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 31511654
Conc: 47.79 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 109673558
Conc: 45.80 ng/ml



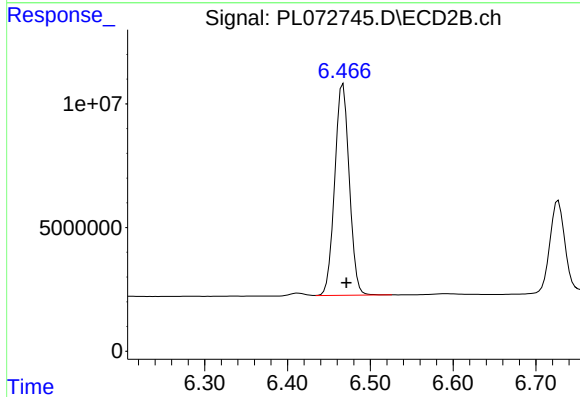
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: 0.001 min
Response: 30534013
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

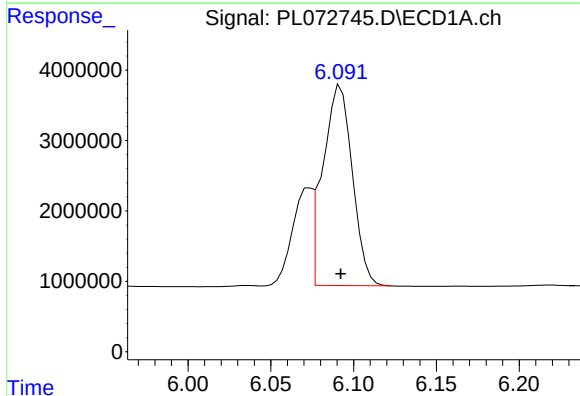
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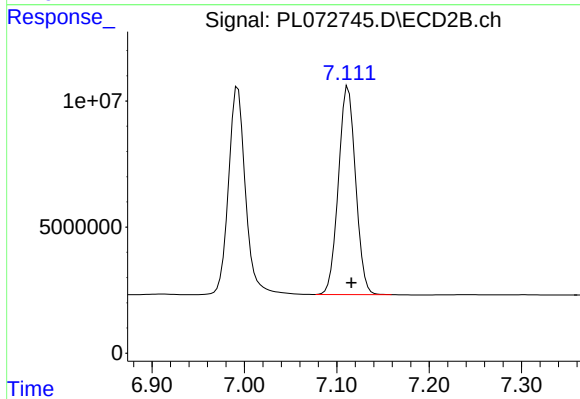
#3 gamma-BHC (Lindane)

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 104632402
Conc: 45.44 ng/ml



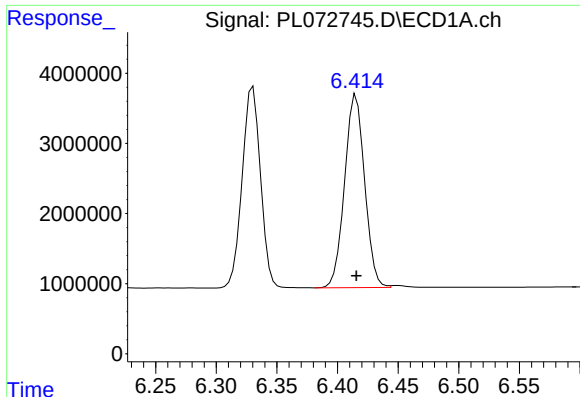
#4 Heptachlor

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 35398565
Conc: 48.50 ng/ml



#4 Heptachlor

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 106703924
Conc: 46.86 ng/ml



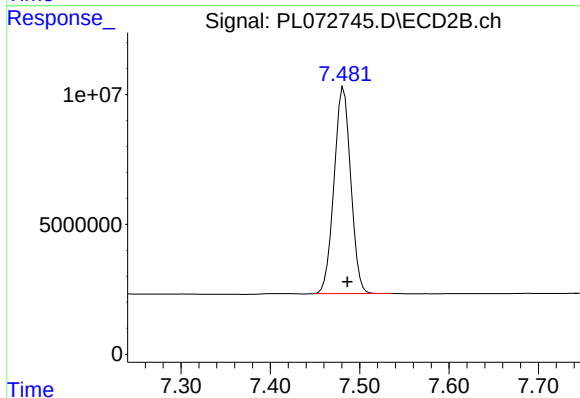
#5 Aldrin

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 31633804
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

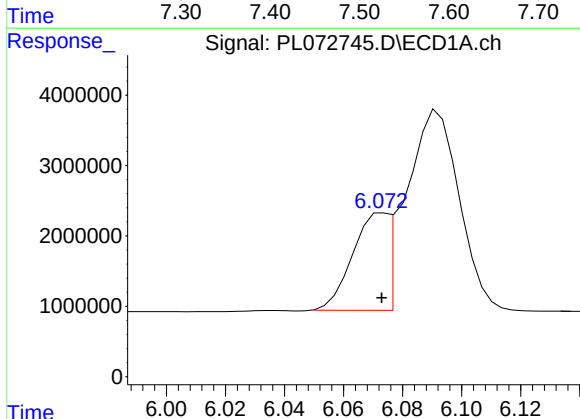
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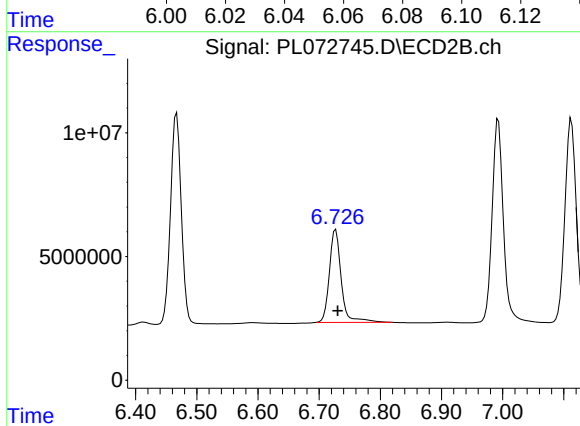
#5 Aldrin

R.T.: 7.482 min
Delta R.T.: -0.004 min
Response: 102978763
Conc: 48.17 ng/ml



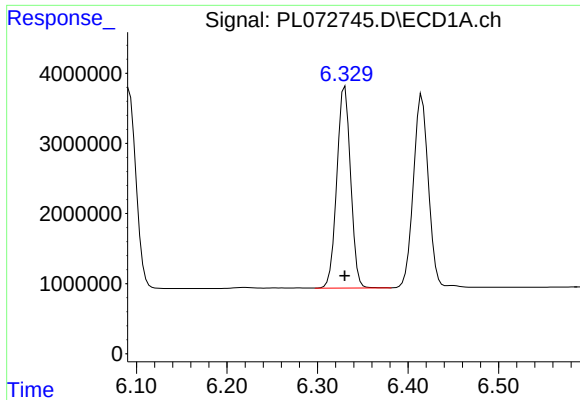
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 11297745
Conc: 45.59 ng/ml



#6 beta-BHC

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 50561669
Conc: 49.60 ng/ml



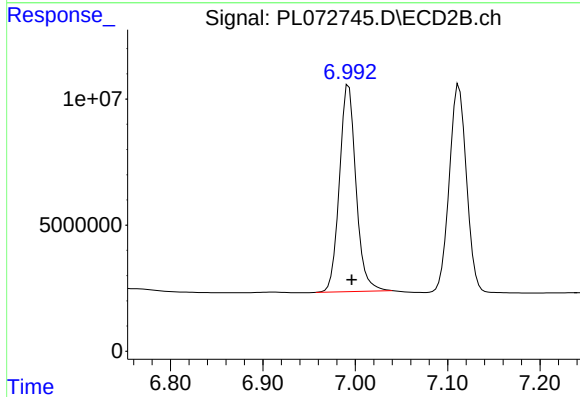
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 30299142
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

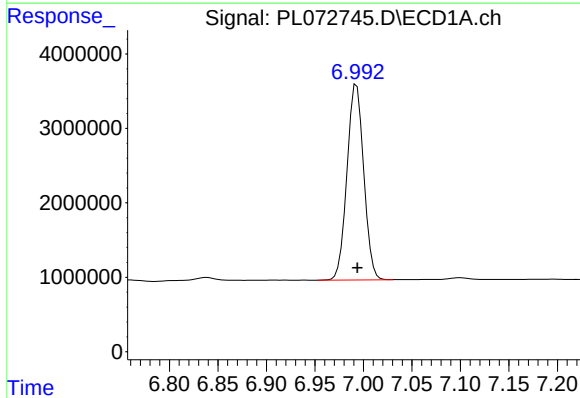
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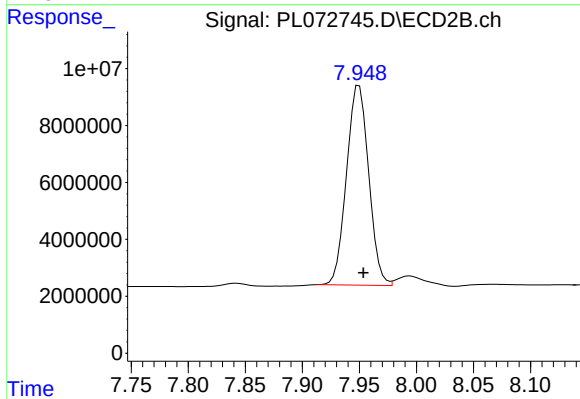
#7 delta-BHC

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 102242022
Conc: 44.63 ng/ml



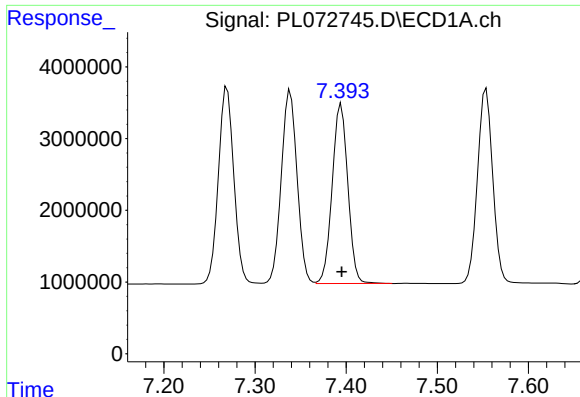
#8 Heptachlor epoxide

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 31536977
Conc: 50.02 ng/ml



#8 Heptachlor epoxide

R.T.: 7.950 min
Delta R.T.: -0.004 min
Response: 94943659
Conc: 49.21 ng/ml



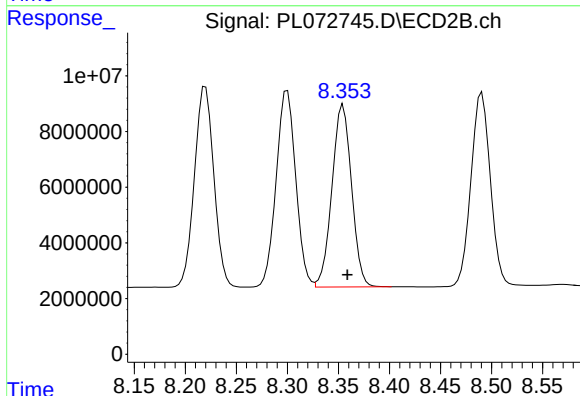
#9 Endosulfan I

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 29905711
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

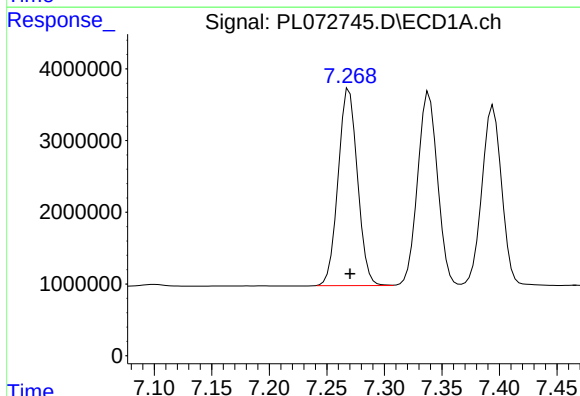
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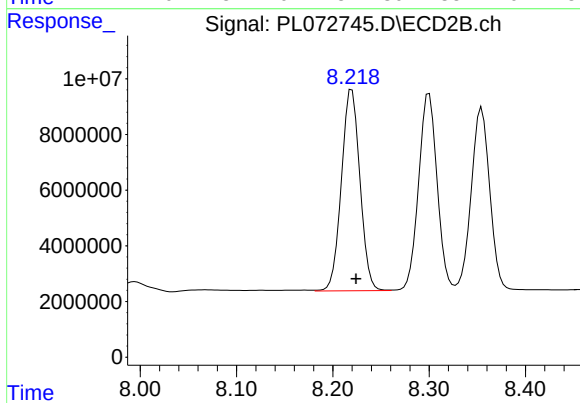
#9 Endosulfan I

R.T.: 8.355 min
Delta R.T.: -0.004 min
Response: 87426293
Conc: 49.97 ng/ml



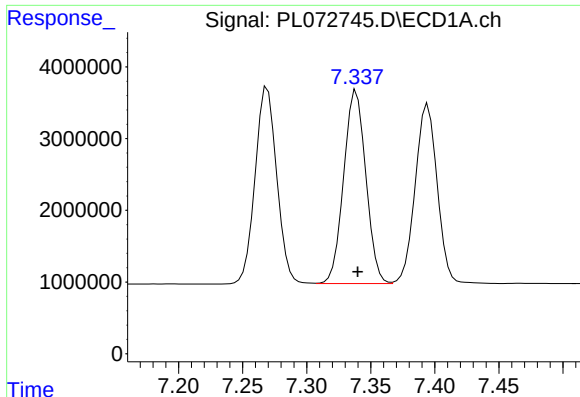
#10 gamma-Chlordane

R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 32189941
Conc: 50.82 ng/ml



#10 gamma-Chlordane

R.T.: 8.220 min
Delta R.T.: -0.004 min
Response: 96345037
Conc: 49.81 ng/ml



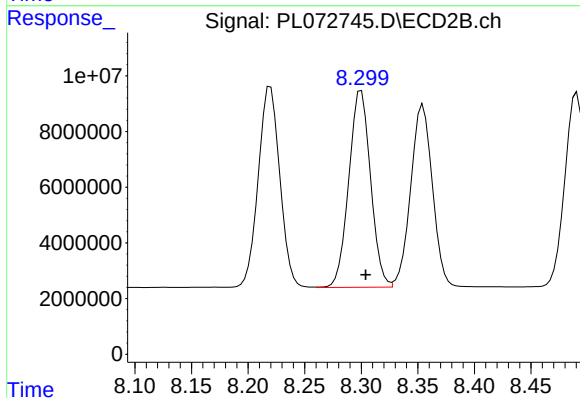
#11 alpha-Chlordane

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 32437980
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

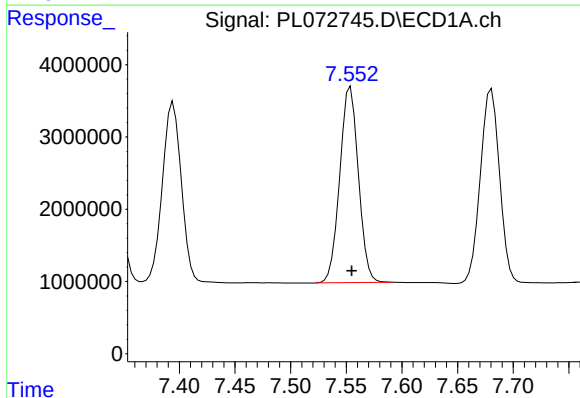
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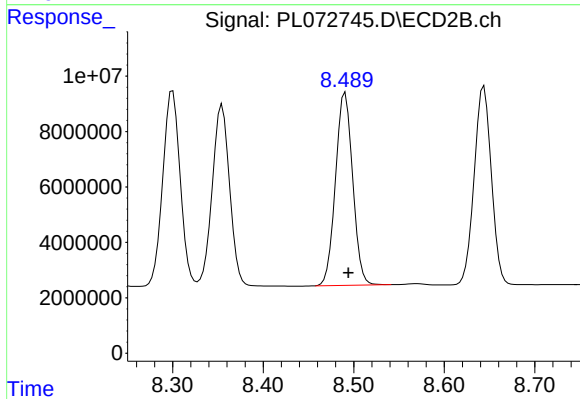
#11 alpha-Chlordane

R.T.: 8.300 min
Delta R.T.: -0.004 min
Response: 94694148
Conc: 49.84 ng/ml



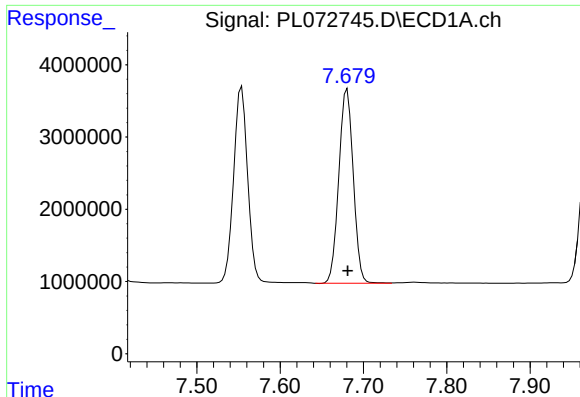
#12 4,4'-DDE

R.T.: 7.554 min
Delta R.T.: -0.001 min
Response: 31591877
Conc: 51.99 ng/ml



#12 4,4'-DDE

R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 91709984
Conc: 49.07 ng/ml



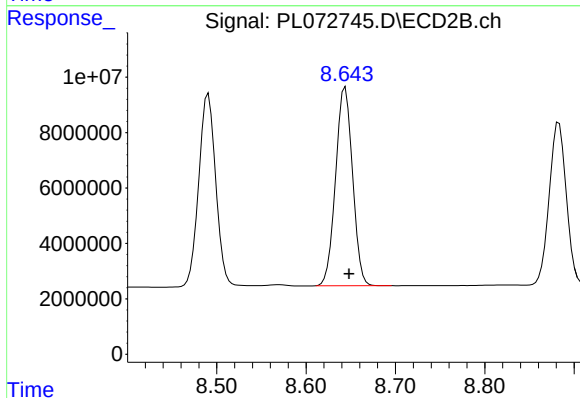
#13 Dieldrin

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 32375173
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

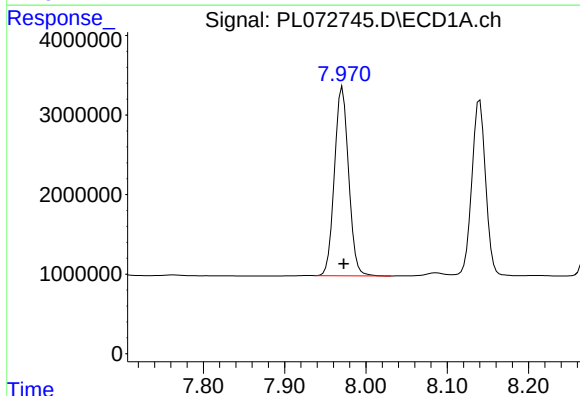
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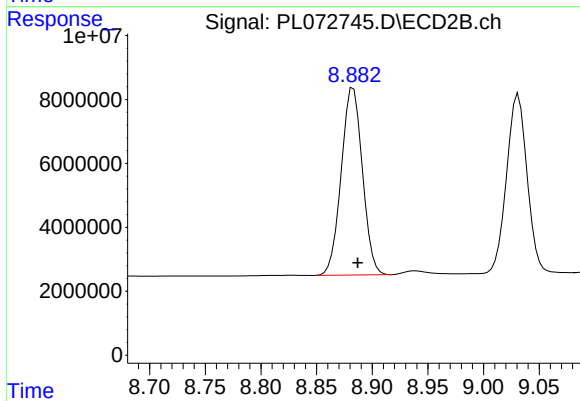
#13 Dieldrin

R.T.: 8.644 min
Delta R.T.: -0.004 min
Response: 94635951
Conc: 50.78 ng/ml



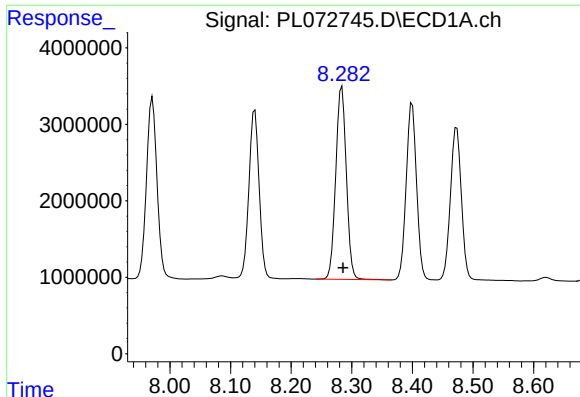
#14 Endrin

R.T.: 7.971 min
Delta R.T.: -0.002 min
Response: 28749291
Conc: 49.08 ng/ml



#14 Endrin

R.T.: 8.883 min
Delta R.T.: -0.004 min
Response: 77697542
Conc: 49.31 ng/ml



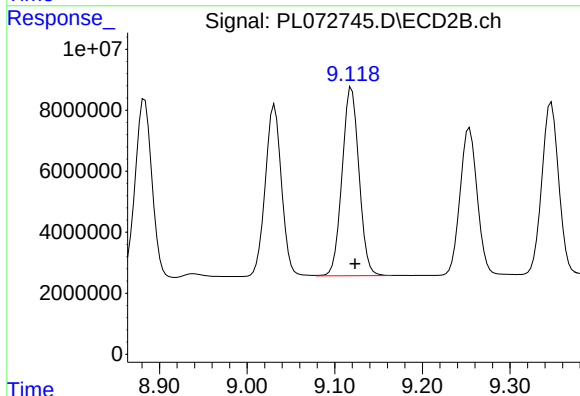
#15 Endosulfan II

R.T.: 8.284 min
Delta R.T.: -0.002 min
Response: 30613330
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

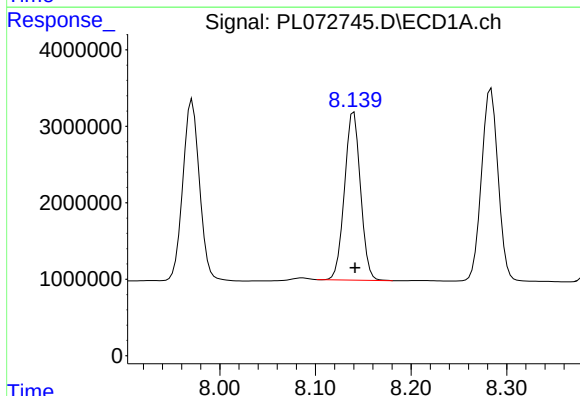
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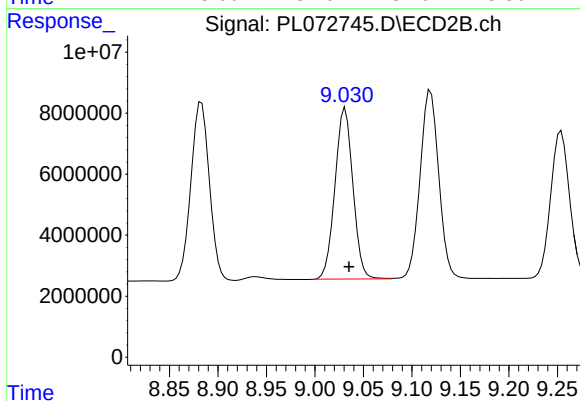
#15 Endosulfan II

R.T.: 9.119 min
Delta R.T.: -0.004 min
Response: 82952689
Conc: 49.34 ng/ml



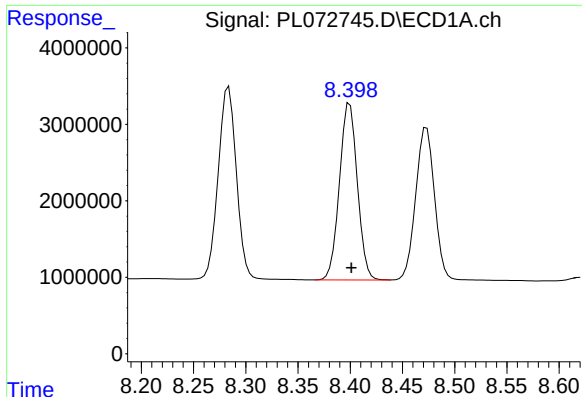
#16 4,4'-DDD

R.T.: 8.140 min
Delta R.T.: -0.001 min
Response: 25640927
Conc: 53.30 ng/ml



#16 4,4'-DDD

R.T.: 9.031 min
Delta R.T.: -0.004 min
Response: 72110144
Conc: 52.11 ng/ml



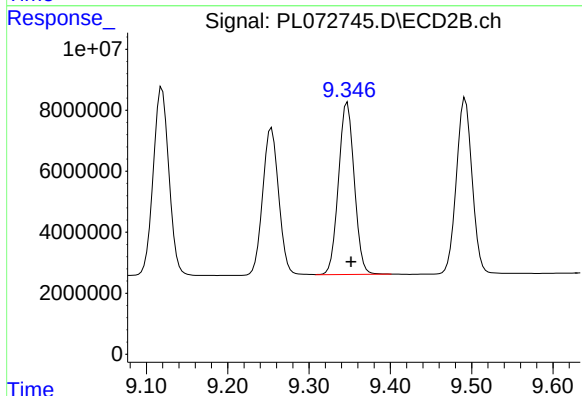
#17 4,4'-DDT

R.T.: 8.400 min
Delta R.T.: -0.002 min
Response: 27594446
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

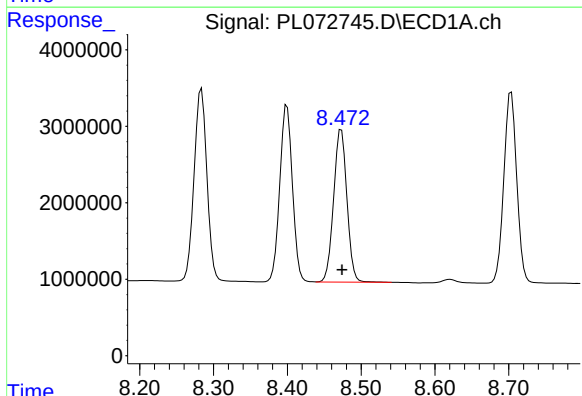
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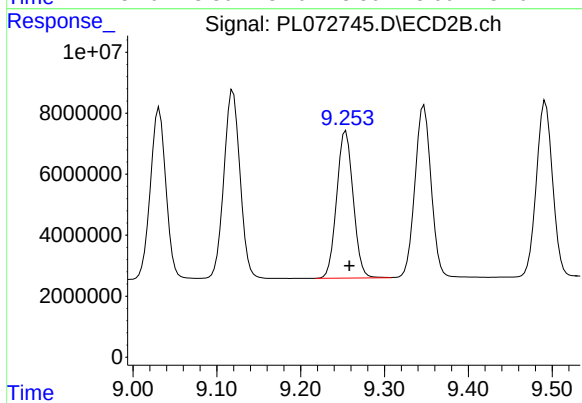
#17 4,4'-DDT

R.T.: 9.347 min
Delta R.T.: -0.004 min
Response: 75687975
Conc: 49.44 ng/ml



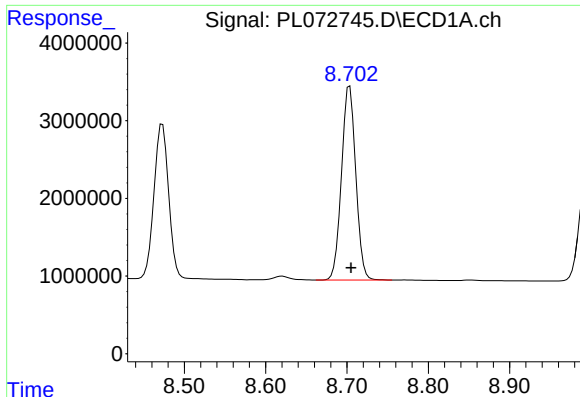
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.001 min
Response: 25083887
Conc: 57.55 ng/ml



#18 Endrin aldehyde

R.T.: 9.254 min
Delta R.T.: -0.005 min
Response: 65777929
Conc: 58.44 ng/ml



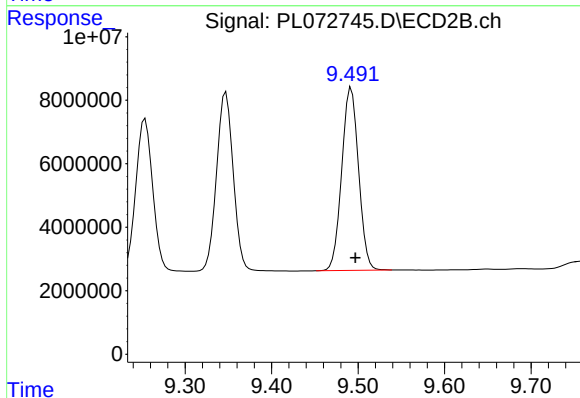
#19 Endosulfan Sulfate

R.T.: 8.703 min
Delta R.T.: -0.002 min
Response: 30378190
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

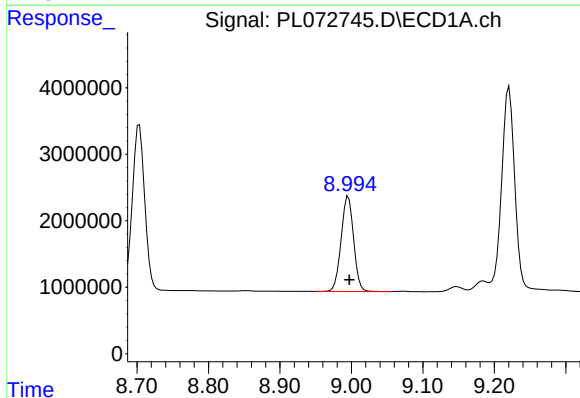
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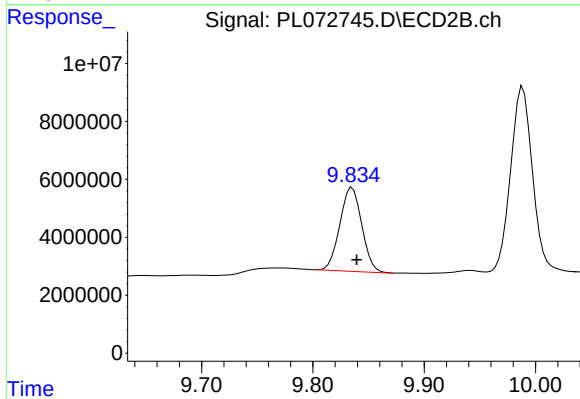
#19 Endosulfan Sulfate

R.T.: 9.492 min
Delta R.T.: -0.005 min
Response: 77390313
Conc: 51.73 ng/ml



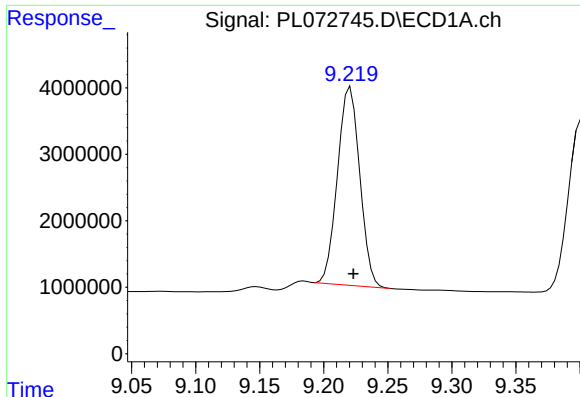
#20 Methoxychlor

R.T.: 8.996 min
Delta R.T.: -0.002 min
Response: 17401471
Conc: 49.49 ng/ml



#20 Methoxychlor

R.T.: 9.834 min
Delta R.T.: -0.005 min
Response: 39591936
Conc: 48.90 ng/ml m



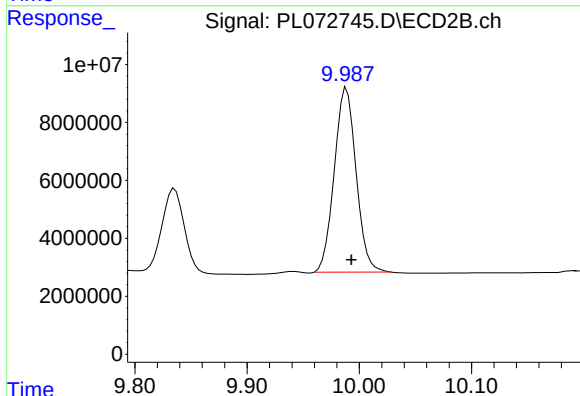
#21 Endrin ketone

R.T.: 9.219 min
Delta R.T.: -0.004 min
Response: 36151899
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

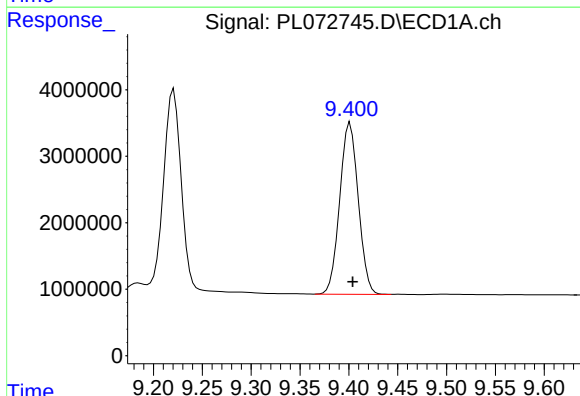
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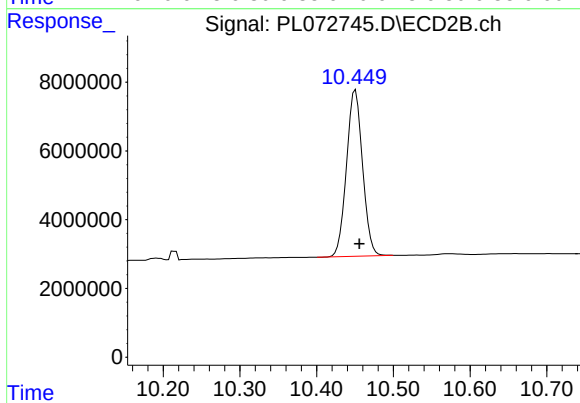
#21 Endrin ketone

R.T.: 9.989 min
Delta R.T.: -0.004 min
Response: 86028649
Conc: 53.99 ng/ml



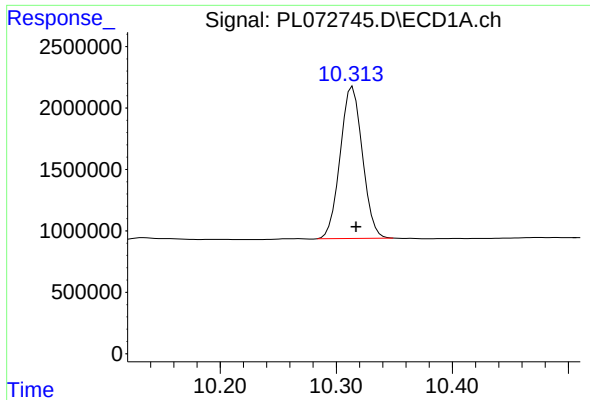
#22 Mirex

R.T.: 9.401 min
Delta R.T.: -0.003 min
Response: 34172658
Conc: 57.60 ng/ml



#22 Mirex

R.T.: 10.450 min
Delta R.T.: -0.005 min
Response: 70745446
Conc: 60.27 ng/ml



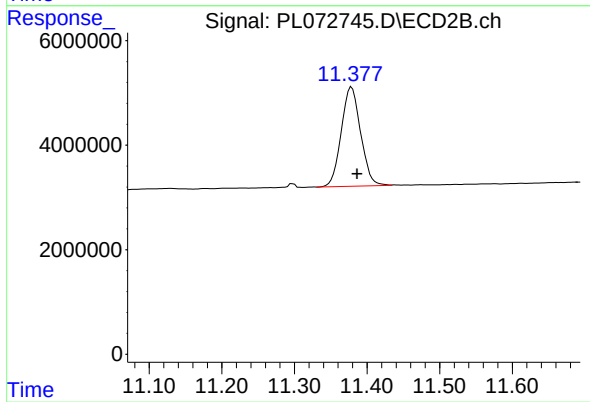
#28 Decachlorobiphenyl

R.T.: 10.314 min
Delta R.T.: -0.003 min
Response: 16454184
Conc: 21.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142609BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/17/2022
Supervised By :Ankita Jodhani 02/17/2022



#28 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: -0.007 min
Response: 35138801
Conc: 22.16 ng/ml