

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011422\
 Data File : PL071995.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2022 13:33
 Operator : AR\AJ
 Sample : PB142029BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142029BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/17/2022
 Supervised By : Ankita Jodhani 01/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 21:34:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 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...	4.558	5.493	7764399	21980727	16.808	17.890
28)	SA Decachlor...	10.323	11.389	13742091	24007773	19.006	20.259
Target Compounds							
2)	A alpha-BHC	5.265	6.075	27737046	83481793	44.921	47.883
3)	MA gamma-BHC...	5.688	6.471	27159905	78785776	44.618	48.706
4)	MA Heptachlor	6.095	7.118	31032088	81667634	45.457	50.966
5)	MB Aldrin	6.418	7.488	28702482	77553316	45.587	50.339
6)	B beta-BHC	6.073	6.731	12071902	34319027	44.617	48.032
7)	B delta-BHC	6.331	6.997	28137489	79598002	44.995	51.851
8)	B Heptachlo...	6.997	7.956	27482270	72064205	45.053	51.572
9)	A Endosulfan I	7.399	8.361	26265078	64722525	46.377	52.254
10)	B gamma-Chl...	7.274	8.226	28429480	71319799	45.851	52.157
11)	B alpha-Chl...	7.344	8.307	28579760	70278824	46.156	52.807
12)	B 4,4'-DDE	7.558	8.497	26314273	67525168	47.461	53.648
13)	MA Dieldrin	7.685	8.650	27913954	68922512	46.282	52.533
14)	MA Endrin	7.977	8.890	25561537	58045330	48.369	56.086
15)	B Endosulfa...	8.289	9.126	26392592	59962142	45.658	53.396
16)	A 4,4'-DDD	8.145	9.038	22117218	51714816	45.931	53.793
17)	MA 4,4'-DDT	8.405	9.354	24132358	55451571	50.565	58.802
18)	B Endrin al...	8.478	9.261	21798893	47427046	48.040	55.889
19)	B Endosulfa...	8.709	9.499	26859663	55982910	45.935	53.889
20)	A Methoxychlor	9.002	9.840	15579752	29036001	50.339	58.966m
21)	B Endrin ke...	9.226	9.996	32617367	60625537	47.067m	53.721
22)	Mirex	9.409	10.459	29479571	48708479	49.143	56.698

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

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 Data File : PL071995.D
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 Acq On : 14 Jan 2022 13:33
 Operator : AR\AJ
 Sample : PB142029BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

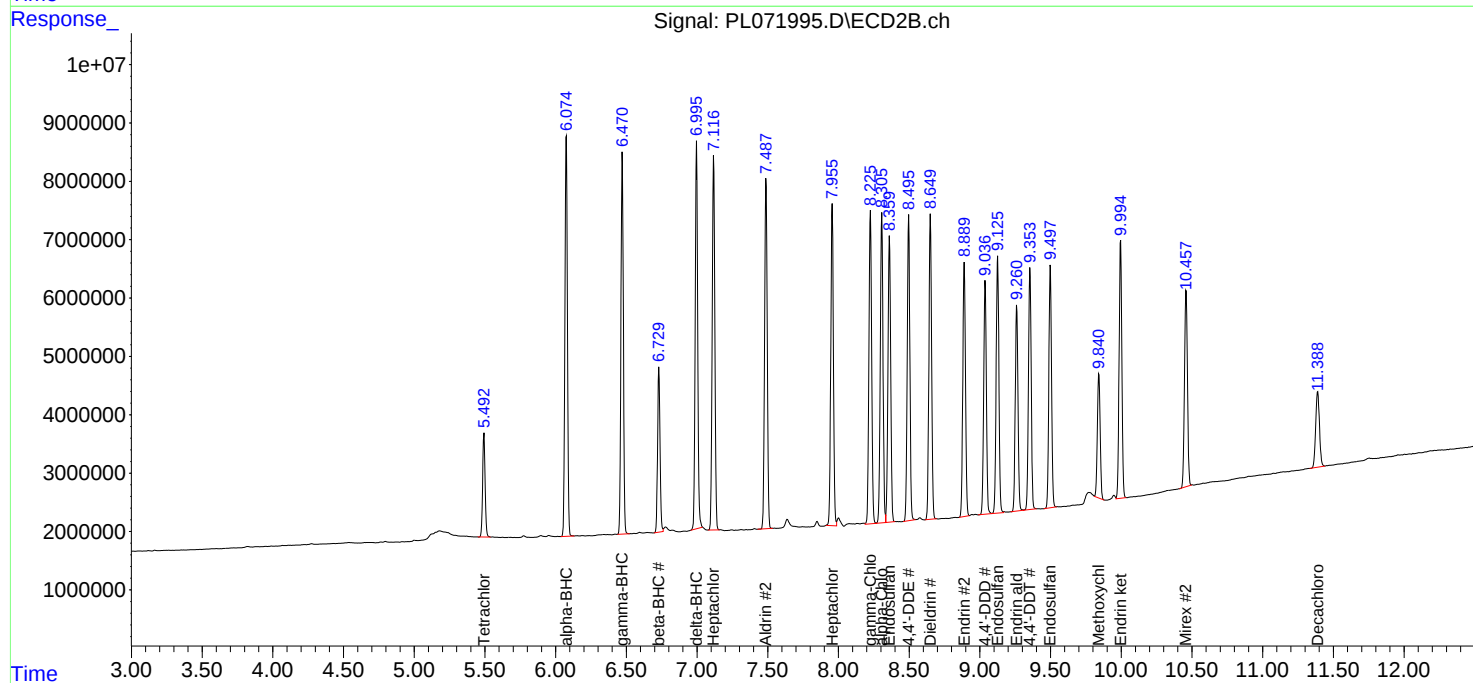
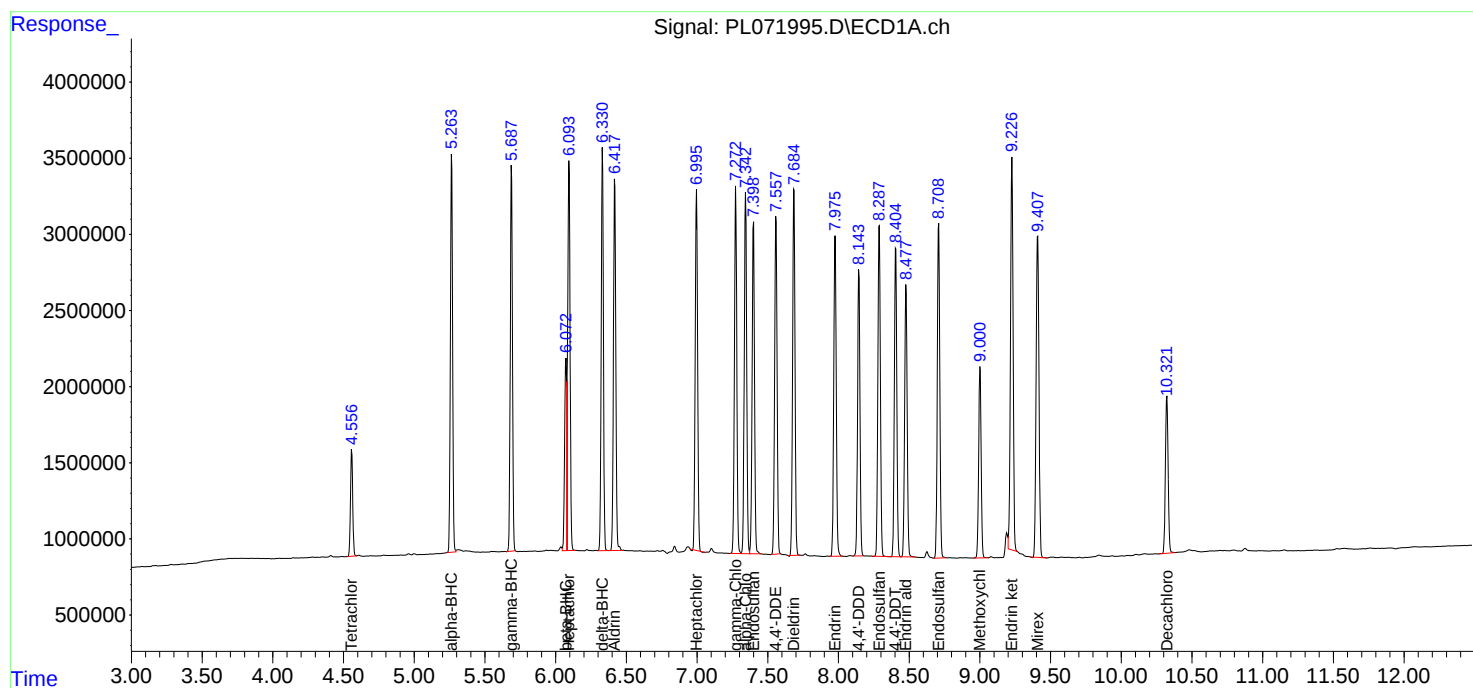
Instrument :
 ECD_L
 ClientSampleId :
 PB142029BS

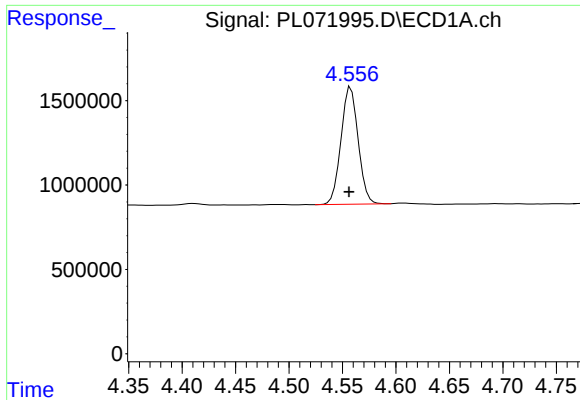
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 01/17/2022

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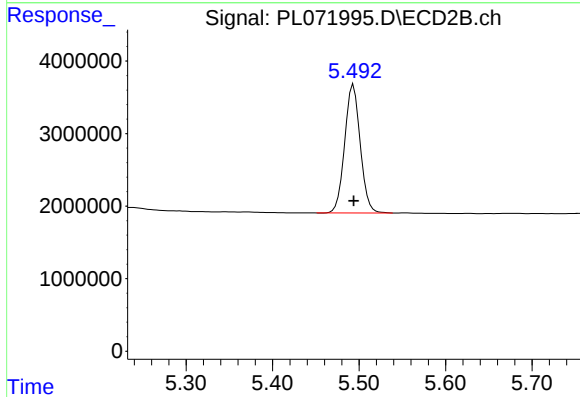
#1 Tetrachloro-m-xylene

R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 7764399
Conc: 16.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142029BS

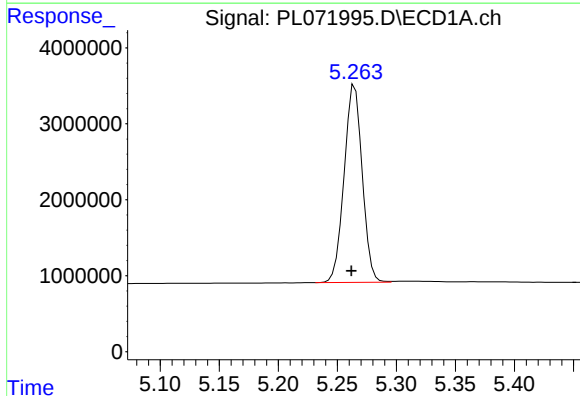
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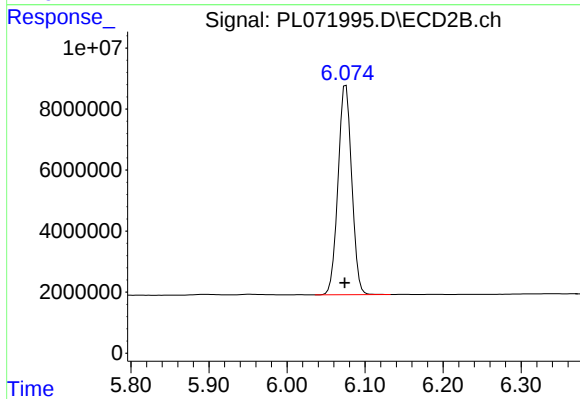
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 21980727
Conc: 17.89 ng/ml



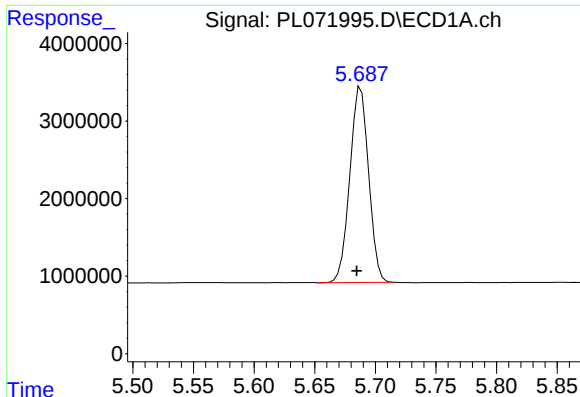
#2 alpha-BHC

R.T.: 5.265 min
Delta R.T.: 0.003 min
Response: 27737046
Conc: 44.92 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 83481793
Conc: 47.88 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: 0.004 min
Response: 27159905
Conc: 44.62 ng/ml

Instrument :

ECD_L

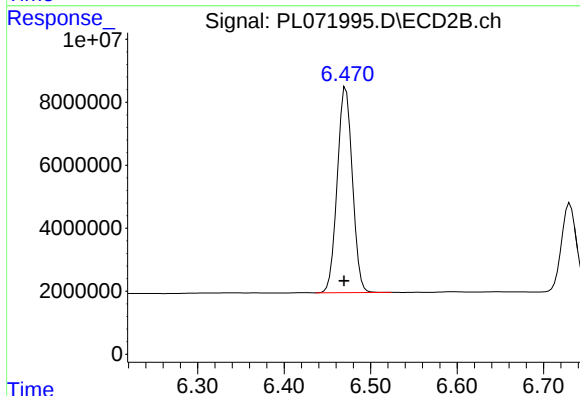
ClientSampleId :

PB142029BS

Manual Integrations

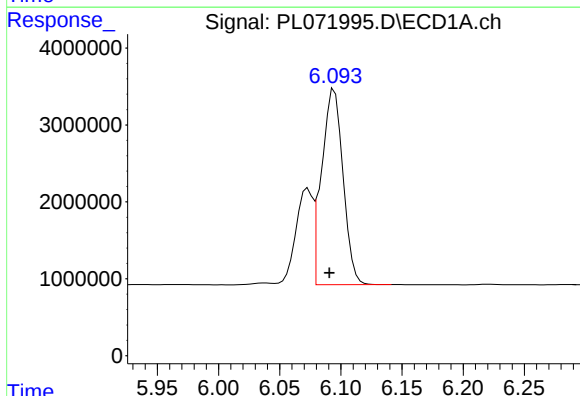
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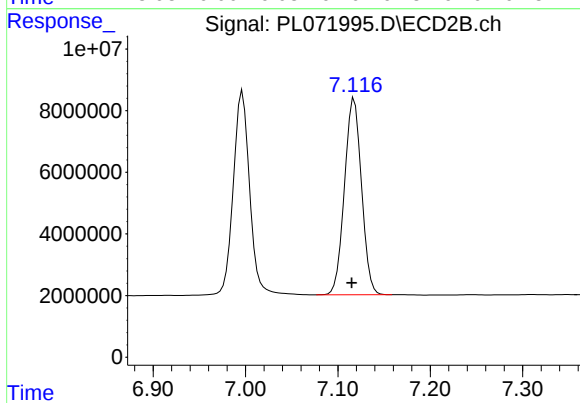
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 78785776
Conc: 48.71 ng/ml



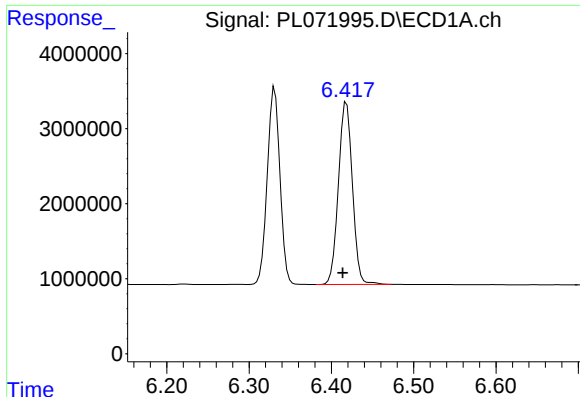
#4 Heptachlor

R.T.: 6.095 min
Delta R.T.: 0.004 min
Response: 31032088
Conc: 45.46 ng/ml



#4 Heptachlor

R.T.: 7.118 min
Delta R.T.: 0.003 min
Response: 81667634
Conc: 50.97 ng/ml



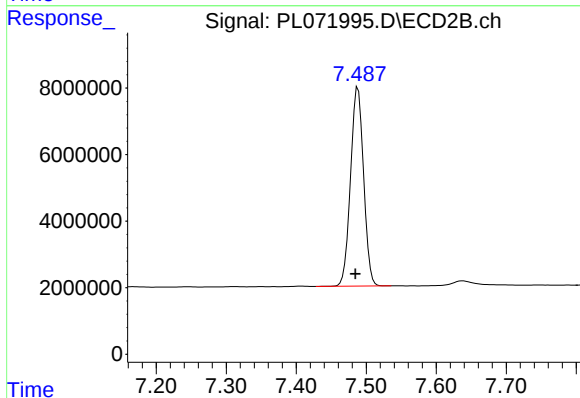
#5 Aldrin

R.T.: 6.418 min
Delta R.T.: 0.004 min
Response: 28702482
Conc: 45.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142029BS

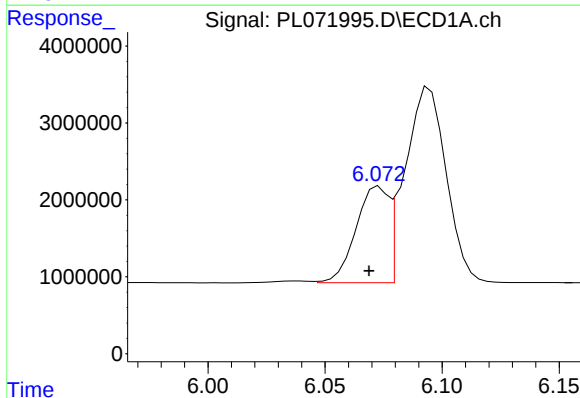
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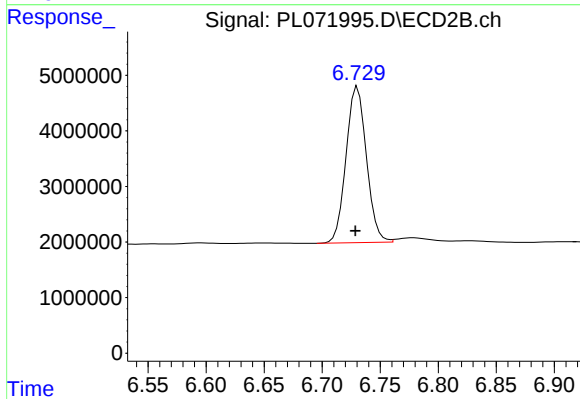
#5 Aldrin

R.T.: 7.488 min
Delta R.T.: 0.004 min
Response: 77553316
Conc: 50.34 ng/ml



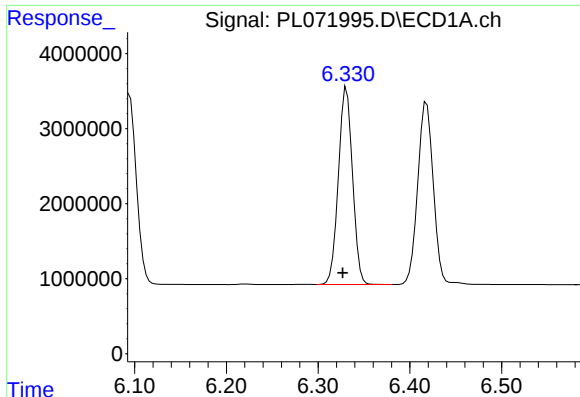
#6 beta-BHC

R.T.: 6.073 min
Delta R.T.: 0.004 min
Response: 12071902
Conc: 44.62 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 34319027
Conc: 48.03 ng/ml



#7 delta-BHC

R.T.: 6.331 min
Delta R.T.: 0.004 min
Response: 28137489
Conc: 45.00 ng/ml

Instrument :

ECD_L

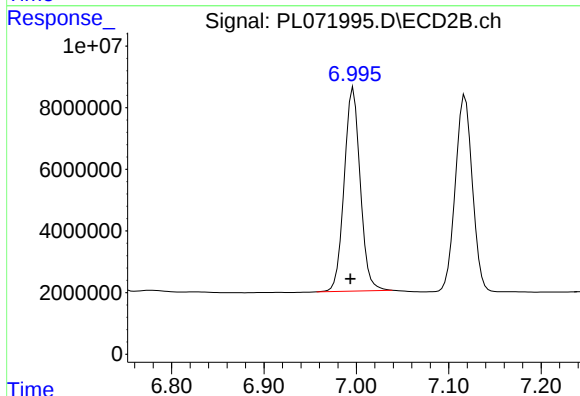
ClientSampleId :

PB142029BS

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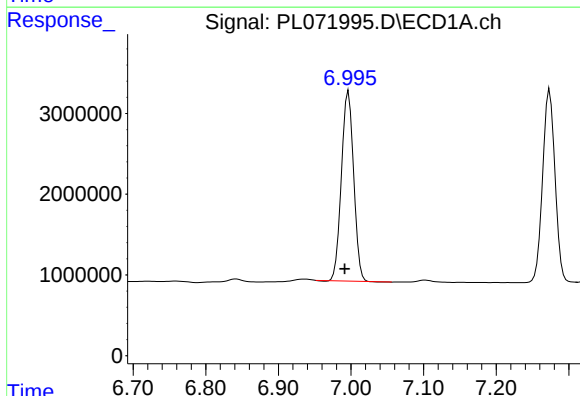
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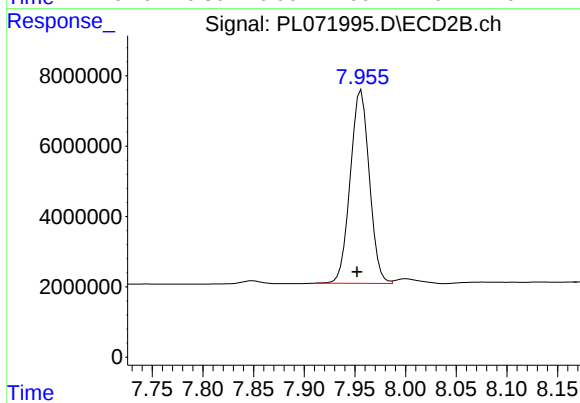
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: 0.003 min
Response: 79598002
Conc: 51.85 ng/ml



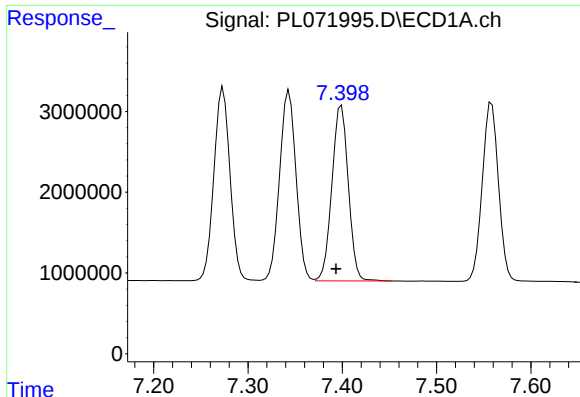
#8 Heptachlor epoxide

R.T.: 6.997 min
Delta R.T.: 0.005 min
Response: 27482270
Conc: 45.05 ng/ml



#8 Heptachlor epoxide

R.T.: 7.956 min
Delta R.T.: 0.004 min
Response: 72064205
Conc: 51.57 ng/ml



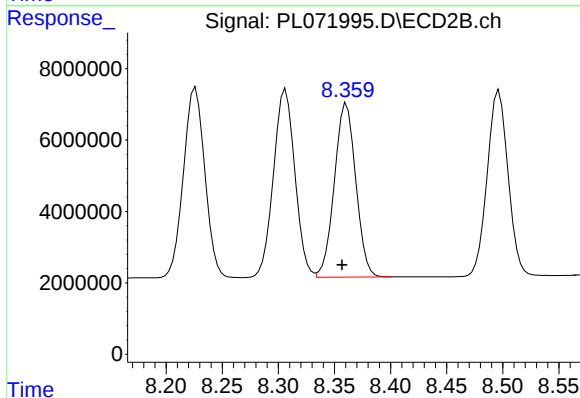
#9 Endosulfan I

R.T.: 7.399 min
Delta R.T.: 0.006 min
Response: 26265078
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142029BS

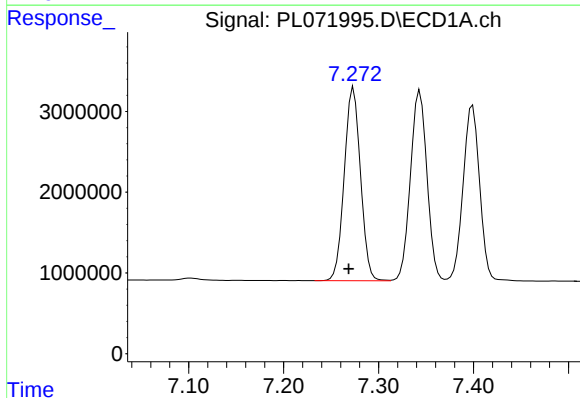
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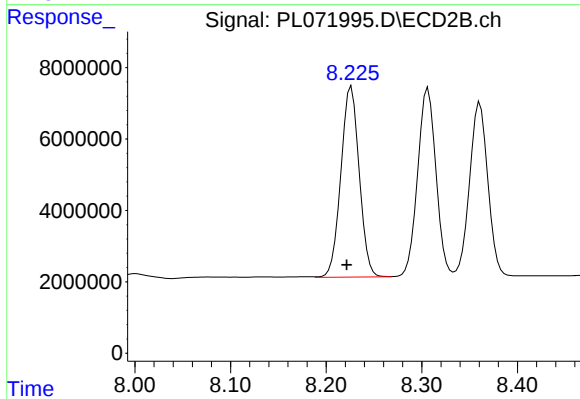
#9 Endosulfan I

R.T.: 8.361 min
Delta R.T.: 0.004 min
Response: 64722525
Conc: 52.25 ng/ml



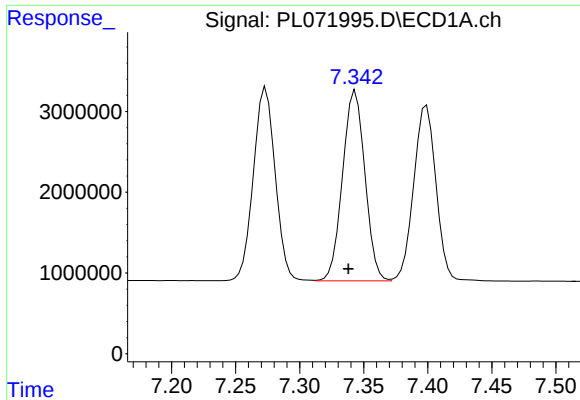
#10 gamma-Chlordane

R.T.: 7.274 min
Delta R.T.: 0.005 min
Response: 28429480
Conc: 45.85 ng/ml



#10 gamma-Chlordane

R.T.: 8.226 min
Delta R.T.: 0.005 min
Response: 71319799
Conc: 52.16 ng/ml



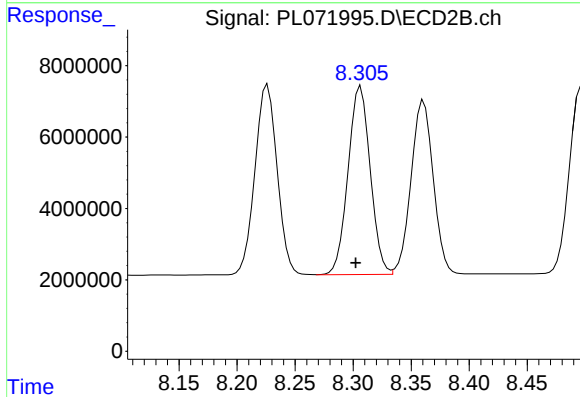
#11 alpha-Chlordane

R.T.: 7.344 min
Delta R.T.: 0.006 min
Response: 28579760
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142029BS

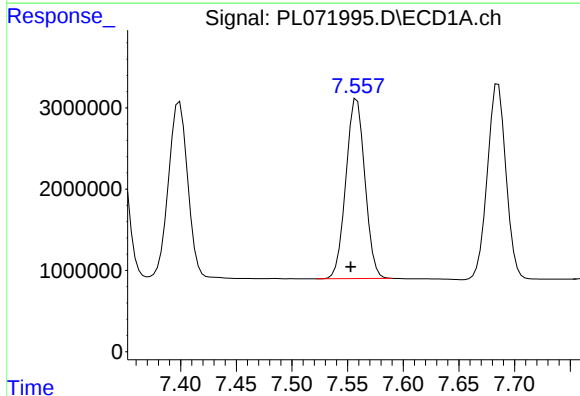
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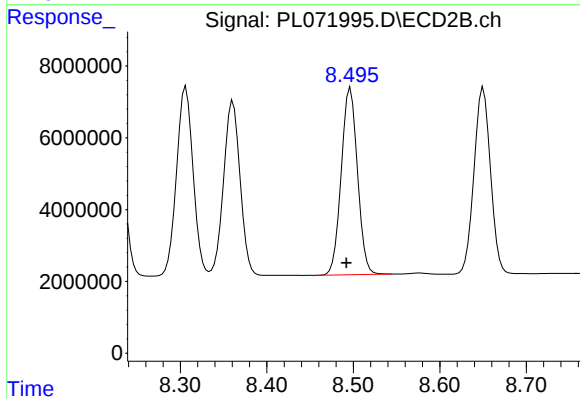
#11 alpha-Chlordane

R.T.: 8.307 min
Delta R.T.: 0.004 min
Response: 70278824
Conc: 52.81 ng/ml



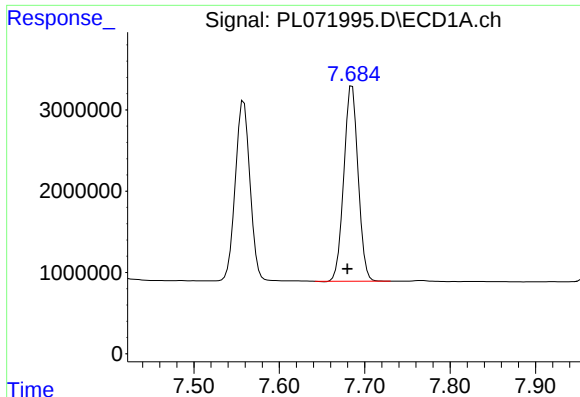
#12 4,4'-DDE

R.T.: 7.558 min
Delta R.T.: 0.006 min
Response: 26314273
Conc: 47.46 ng/ml



#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: 0.005 min
Response: 67525168
Conc: 53.65 ng/ml



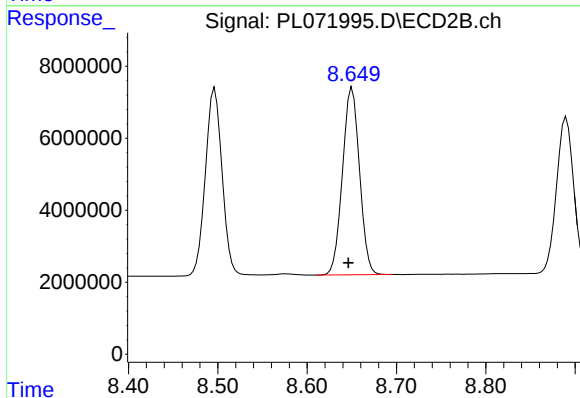
#13 Dieldrin

R.T.: 7.685 min
Delta R.T.: 0.005 min
Response: 27913954
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142029BS

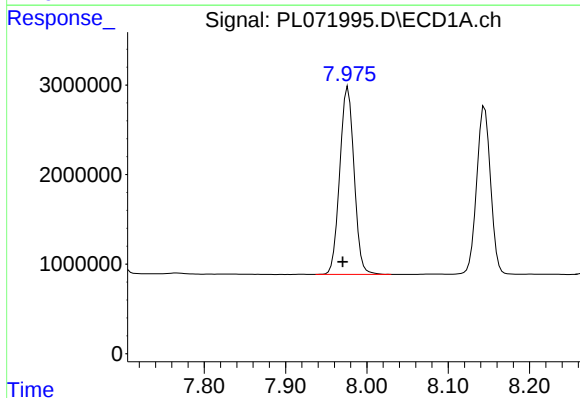
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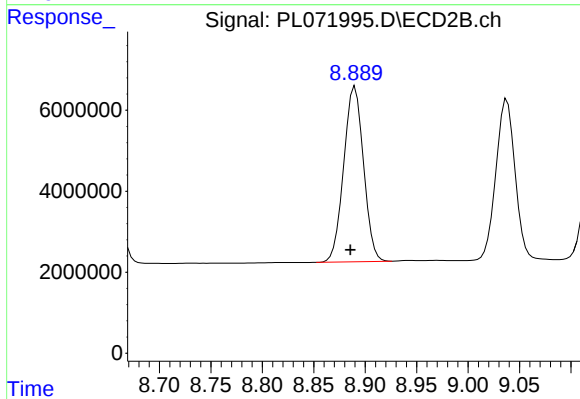
#13 Dieldrin

R.T.: 8.650 min
Delta R.T.: 0.004 min
Response: 68922512
Conc: 52.53 ng/ml



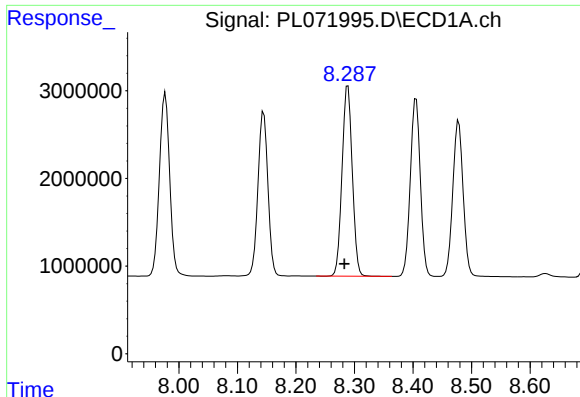
#14 Endrin

R.T.: 7.977 min
Delta R.T.: 0.006 min
Response: 25561537
Conc: 48.37 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: 0.005 min
Response: 58045330
Conc: 56.09 ng/ml



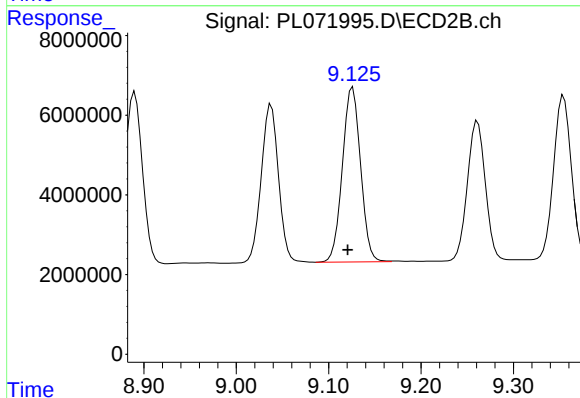
#15 Endosulfan II

R.T.: 8.289 min
Delta R.T.: 0.006 min
Response: 26392592
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142029BS

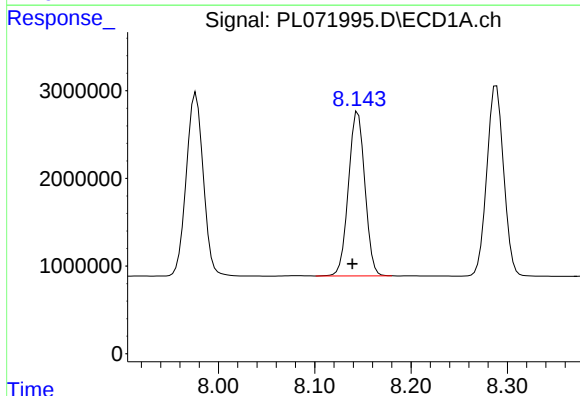
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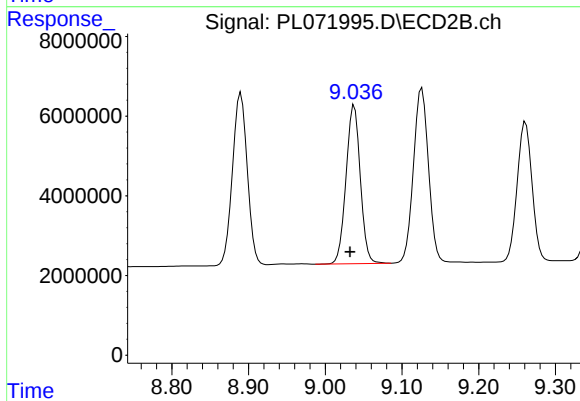
#15 Endosulfan II

R.T.: 9.126 min
Delta R.T.: 0.005 min
Response: 59962142
Conc: 53.40 ng/ml



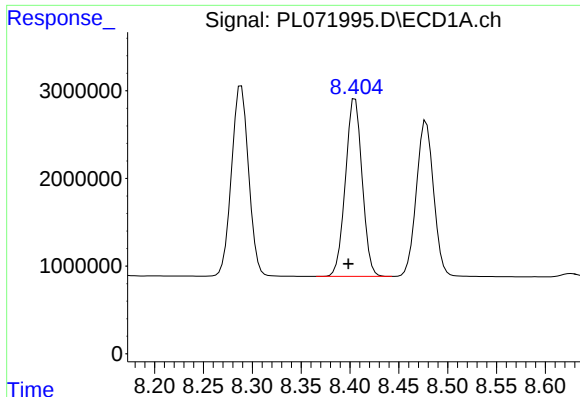
#16 4,4'-DDD

R.T.: 8.145 min
Delta R.T.: 0.006 min
Response: 22117218
Conc: 45.93 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: 0.005 min
Response: 51714816
Conc: 53.79 ng/ml



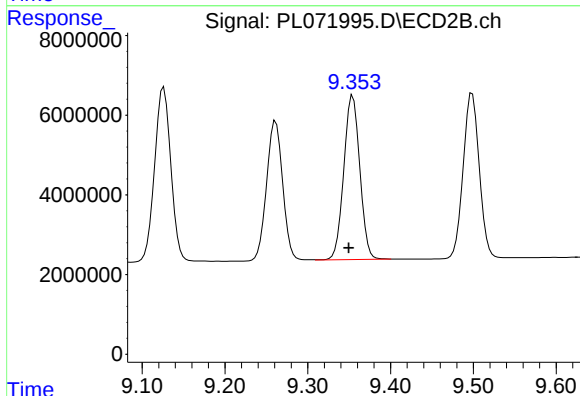
#17 4,4'-DDT

R.T.: 8.405 min
Delta R.T.: 0.007 min
Response: 24132358
Conc: 50.56 ng/ml

Instrument :
ECD_L
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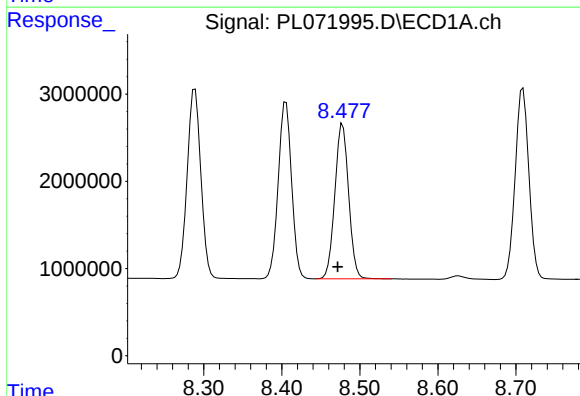
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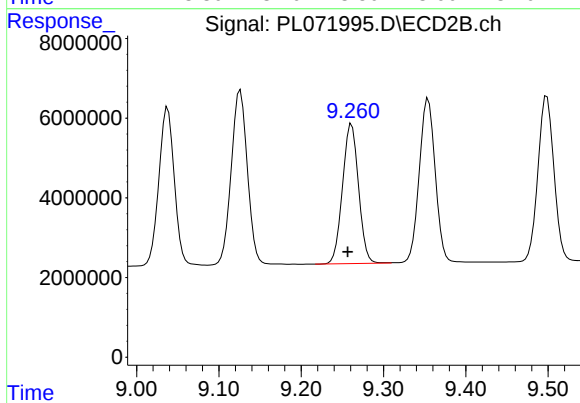
#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: 0.005 min
Response: 55451571
Conc: 58.80 ng/ml



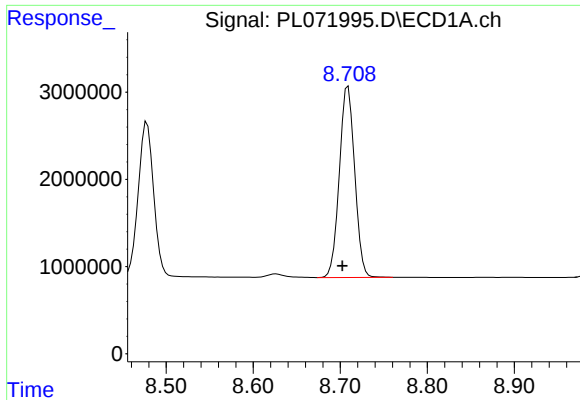
#18 Endrin aldehyde

R.T.: 8.478 min
Delta R.T.: 0.006 min
Response: 21798893
Conc: 48.04 ng/ml



#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: 0.005 min
Response: 47427046
Conc: 55.89 ng/ml



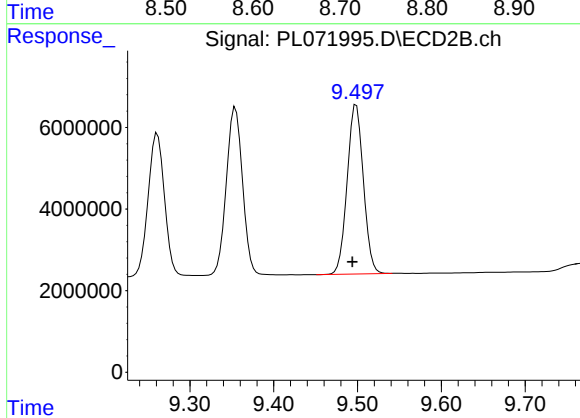
#19 Endosulfan Sulfate

R.T.: 8.709 min
Delta R.T.: 0.006 min
Response: 26859663
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142029BS

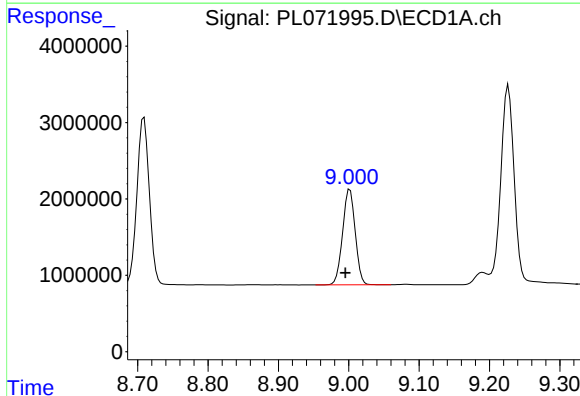
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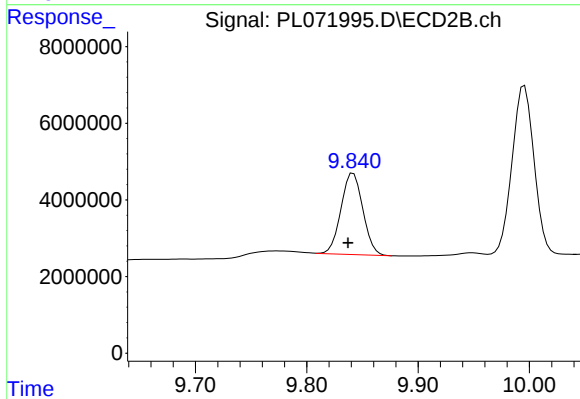
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: 0.005 min
Response: 55982910
Conc: 53.89 ng/ml



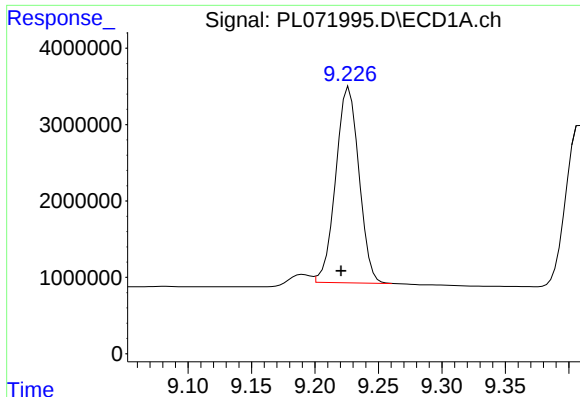
#20 Methoxychlor

R.T.: 9.002 min
Delta R.T.: 0.006 min
Response: 15579752
Conc: 50.34 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: 0.003 min
Response: 29036001
Conc: 58.97 ng/ml m



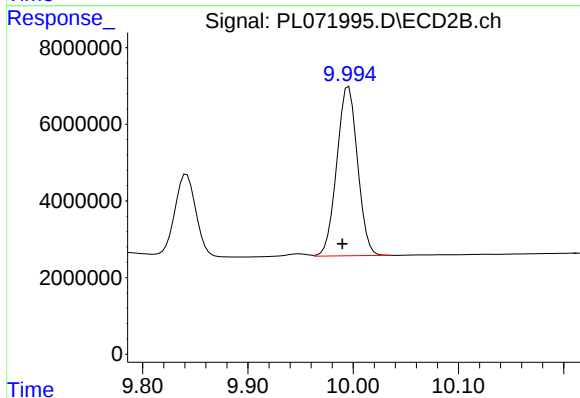
#21 Endrin ketone

R.T.: 9.226 min
Delta R.T.: 0.005 min
Response: 32617367
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142029BS

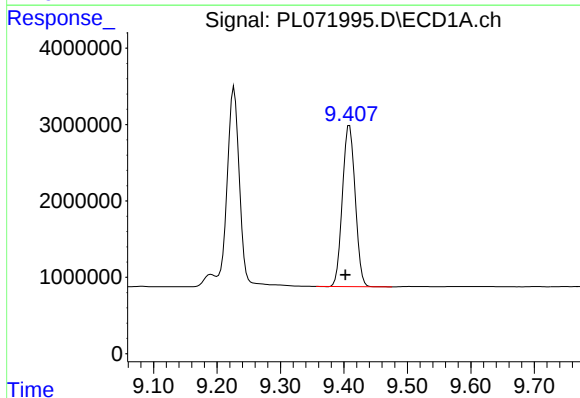
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APPROVED

Reviewed By :Abdul Mirza 01/17/2022
Supervised By :Ankita Jodhani 01/17/2022



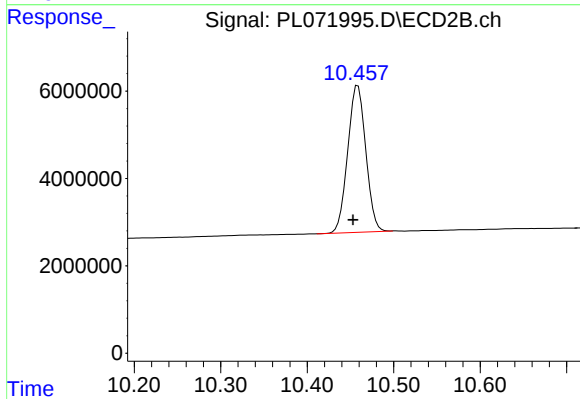
#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: 0.006 min
Response: 60625537
Conc: 53.72 ng/ml



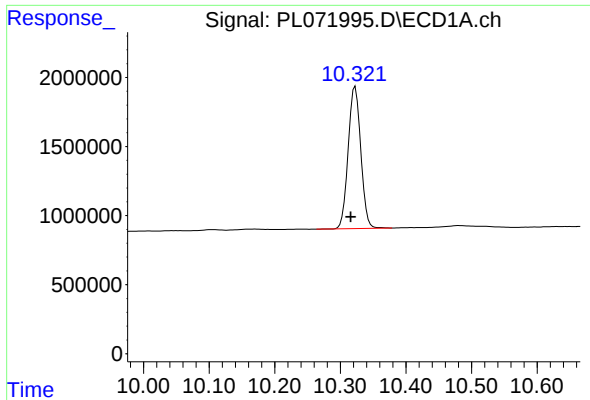
#22 Mirex

R.T.: 9.409 min
Delta R.T.: 0.007 min
Response: 29479571
Conc: 49.14 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: 0.006 min
Response: 48708479
Conc: 56.70 ng/ml



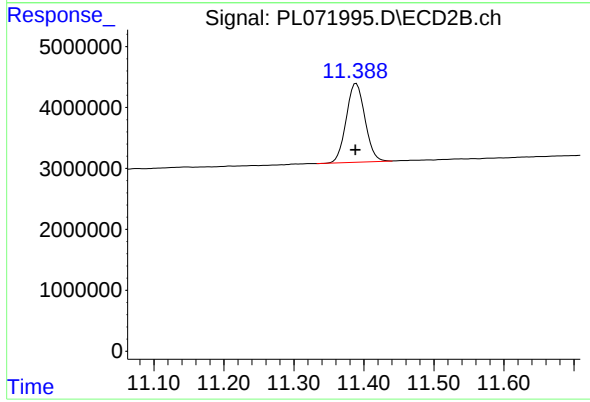
#28 Decachlorobiphenyl

R.T.: 10.323 min
Delta R.T.: 0.007 min
Response: 13742091
Conc: 19.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142029BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: 0.001 min
Response: 24007773
Conc: 20.26 ng/ml