

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022322\
 Data File : PL072929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2022 12:39
 Operator : AR\AJ
 Sample : PB142870BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142870BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/24/2022
 Supervised By : Ankita Jodhani 02/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 00:15:44 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...	4.560	5.489	9414059	33251264	19.551	19.249
28)	SA Decachlor...	10.317	11.383	16143583	37373553	21.324	23.568
Target Compounds							
2)	A alpha-BHC	5.266	6.071	28922517	108.4E6	43.865	45.267
3)	MA gamma-BHC...	5.689	6.468	28624862	102.9E6	45.546	44.693
4)	MA Heptachlor	6.093	7.114	34224393	99788061	46.887m	43.827
5)	MB Aldrin	6.418	7.483	30591446	99522742	47.380	46.554
6)	B beta-BHC	6.075	6.728	12205051	45122110	49.256m	44.262
7)	B delta-BHC	6.332	6.994	29551745	103.1E6	44.632	44.998
8)	B Heptachlo...	6.996	7.951	30313609	83880166	48.083	43.477m
9)	A Endosulfan I	7.398	8.357	28501540	82413401	48.716	47.107
10)	B gamma-Chl...	7.273	8.220	30994771	88358124	48.929	45.681m
11)	B alpha-Chl...	7.342	8.302	31222084	89724406	49.031	47.224
12)	B 4,4'-DDE	7.557	8.493	30499060	86548200	50.187	46.305
13)	MA Dieldrin	7.682	8.646	31286137	88062230	49.543m	47.252
14)	MA Endrin	7.975	8.885	27767467	76800215	47.400	48.742
15)	B Endosulfa...	8.288	9.121	29055966	76292373	47.758	45.376
16)	A 4,4'-DDD	8.143	9.033	25513755	69135507	53.033	49.961
17)	MA 4,4'-DDT	8.403	9.350	24666383	65340608	45.841	42.683
18)	B Endrin al...	8.476	9.257	23504129	60256486	53.923	53.539
19)	B Endosulfa...	8.707	9.495	28466458	68953737	47.835	46.093
20)	A Methoxychlor	8.999	9.837	15737465	37889639	44.757	46.797m
21)	B Endrin ke...	9.223	9.991	36171815	74242548	52.631m	46.597
22)	Mirex	9.406	10.453	31187055	60890006	52.570	51.870

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

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PB142870BS

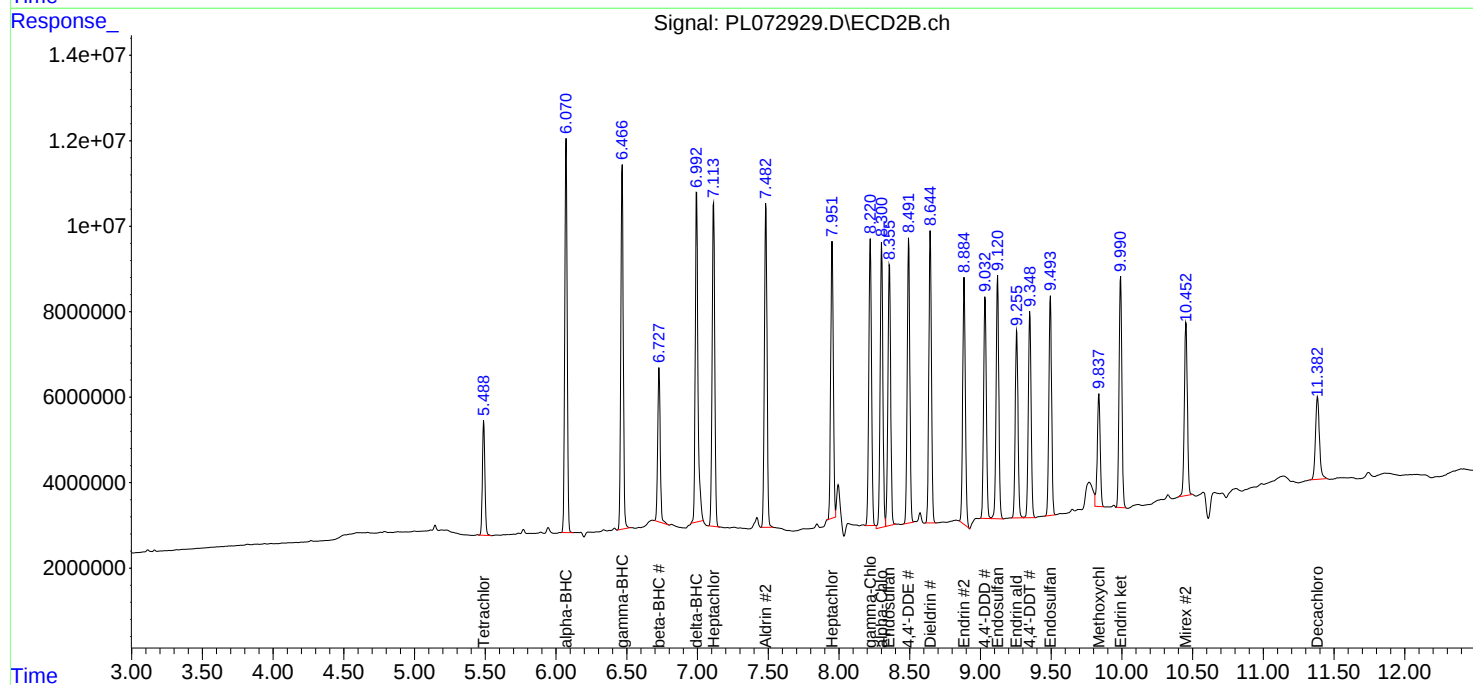
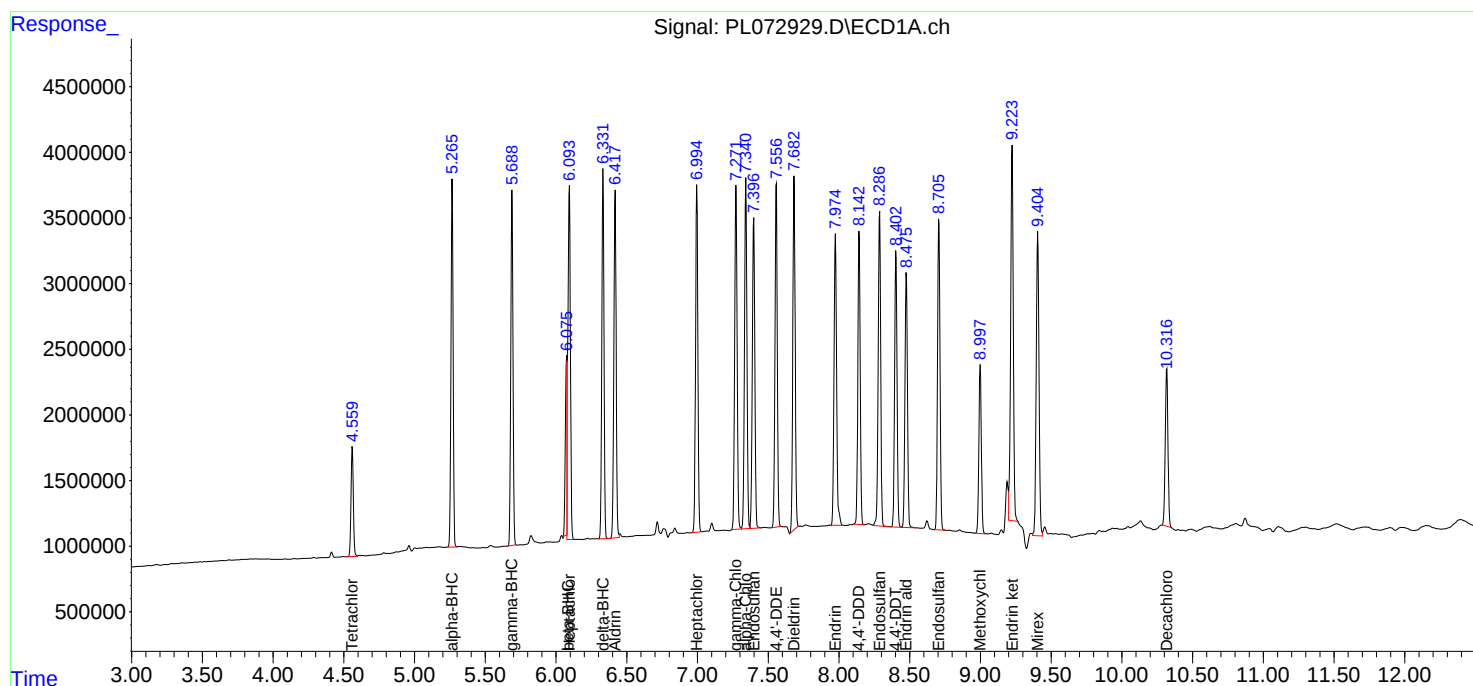
Manual Integrations

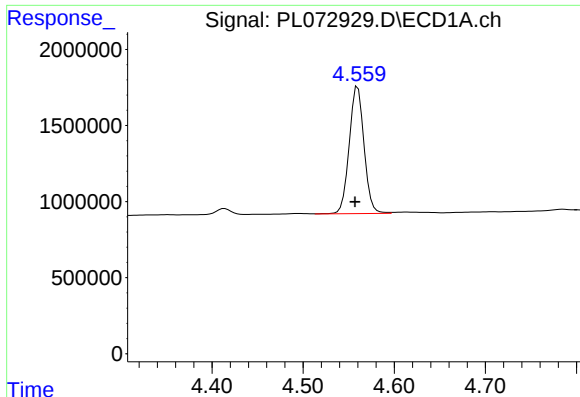
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 Supervised By :Ankita Jodhani 02/24/2022

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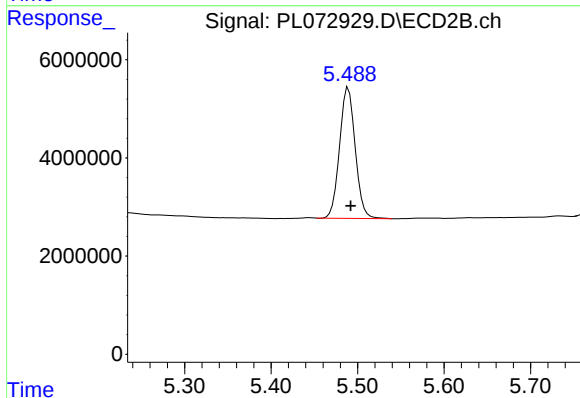
#1 Tetrachloro-m-xylene

R.T.: 4.560 min
Delta R.T.: 0.003 min
Response: 9414059
Conc: 19.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142870BS

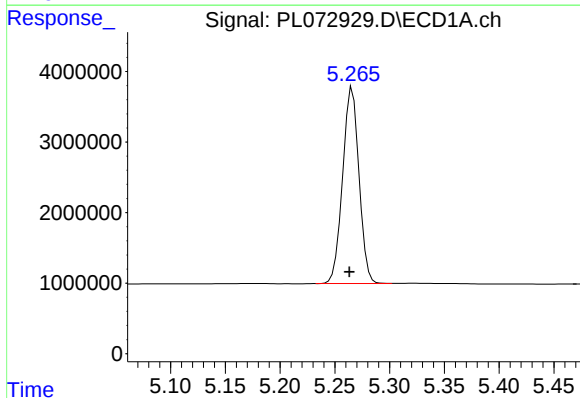
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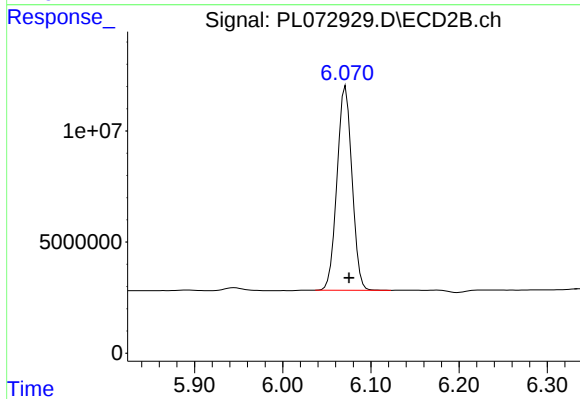
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 33251264
Conc: 19.25 ng/ml



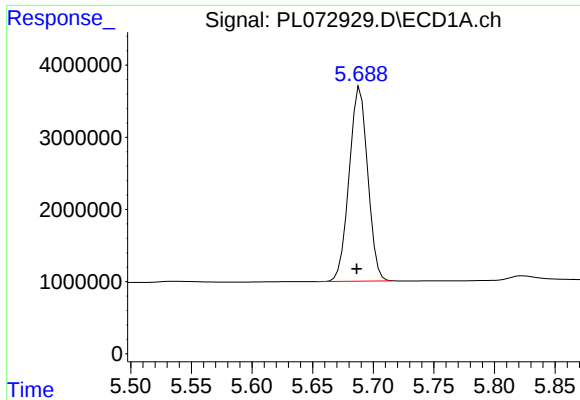
#2 alpha-BHC

R.T.: 5.266 min
Delta R.T.: 0.003 min
Response: 28922517
Conc: 43.87 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 108401405
Conc: 45.27 ng/ml



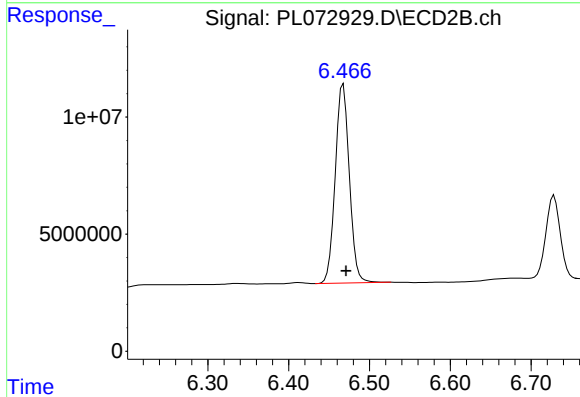
#3 gamma-BHC (Lindane)

R.T.: 5.689 min
Delta R.T.: 0.003 min
Response: 28624862
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142870BS

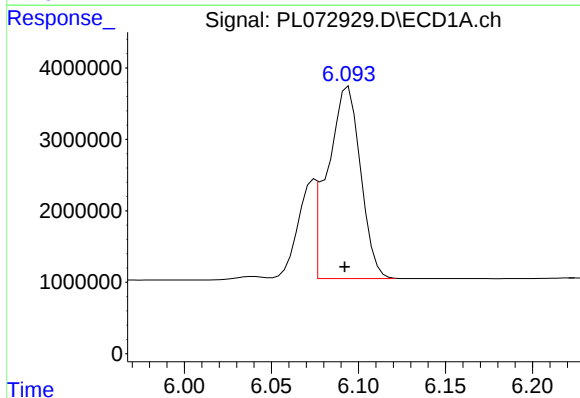
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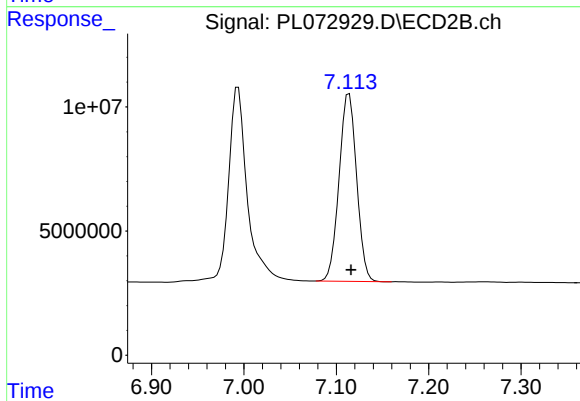
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 102905140
Conc: 44.69 ng/ml



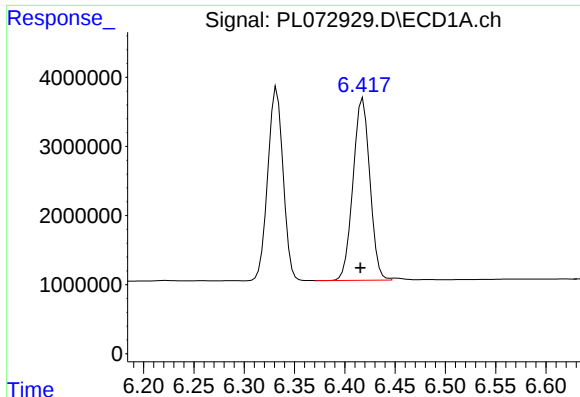
#4 Heptachlor

R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 34224393
Conc: 46.89 ng/ml m



#4 Heptachlor

R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 99788061
Conc: 43.83 ng/ml



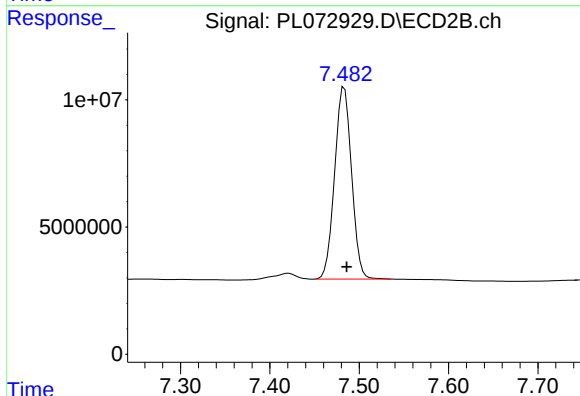
#5 Aldrin

R.T.: 6.418 min
Delta R.T.: 0.003 min
Response: 30591446
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142870BS

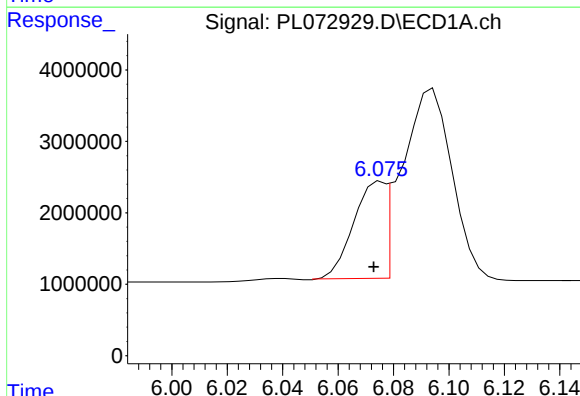
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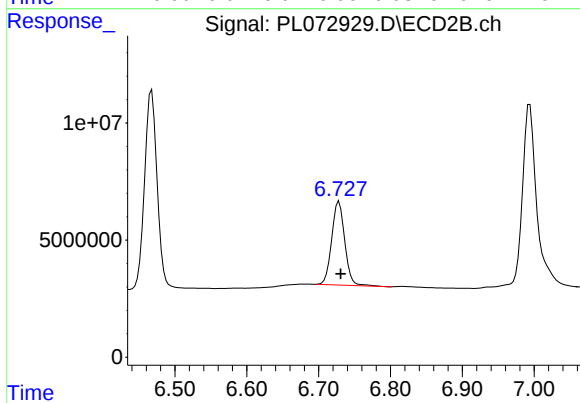
#5 Aldrin

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 99522742
Conc: 46.55 ng/ml



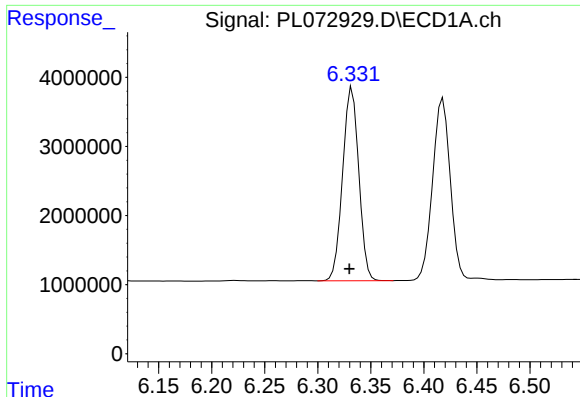
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 12205051
Conc: 49.26 ng/ml m



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 45122110
Conc: 44.26 ng/ml



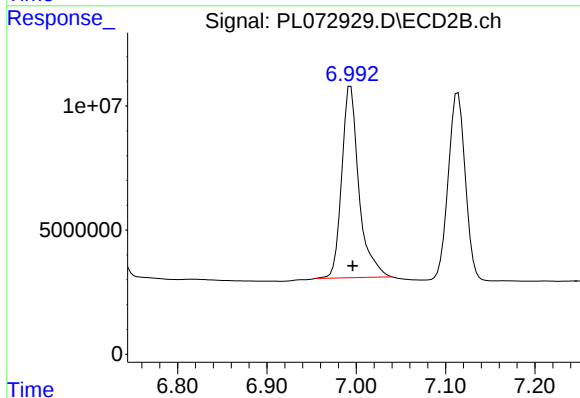
#7 delta-BHC

R.T.: 6.332 min
Delta R.T.: 0.003 min
Response: 29551745
Conc: 44.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142870BS

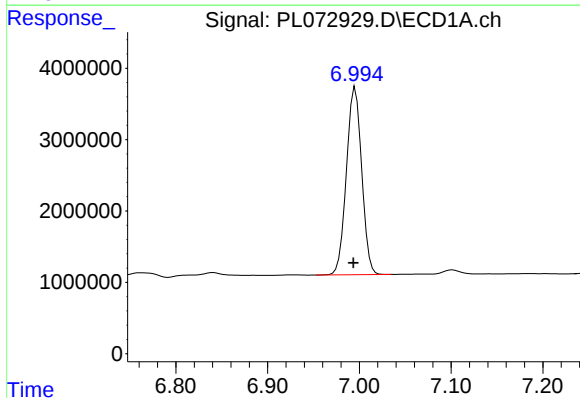
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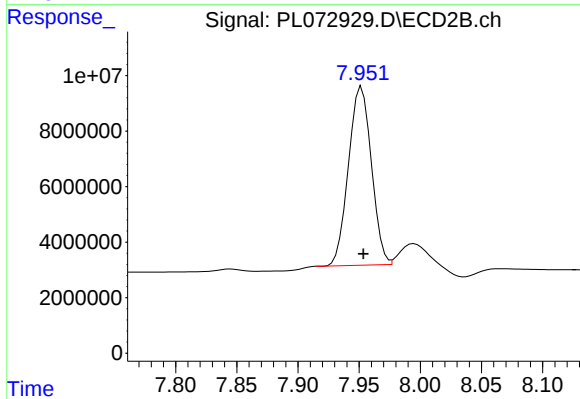
#7 delta-BHC

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 103091287
Conc: 45.00 ng/ml



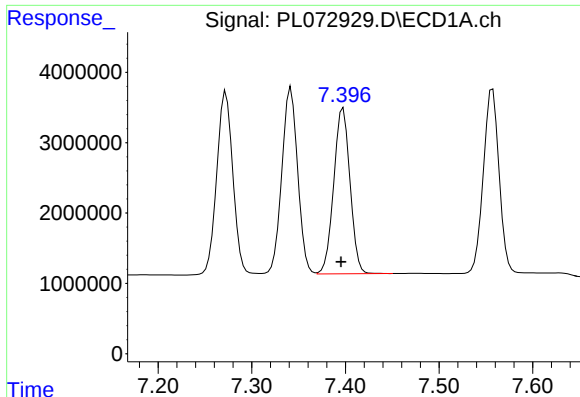
#8 Heptachlor epoxide

R.T.: 6.996 min
Delta R.T.: 0.002 min
Response: 30313609
Conc: 48.08 ng/ml



#8 Heptachlor epoxide

R.T.: 7.951 min
Delta R.T.: -0.003 min
Response: 83880166
Conc: 43.48 ng/ml m



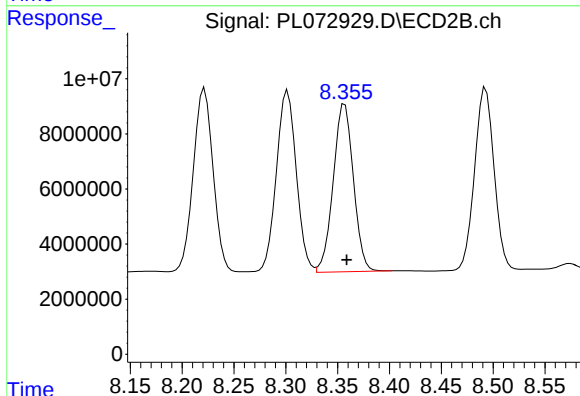
#9 Endosulfan I

R.T.: 7.398 min
Delta R.T.: 0.002 min
Response: 28501540
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142870BS

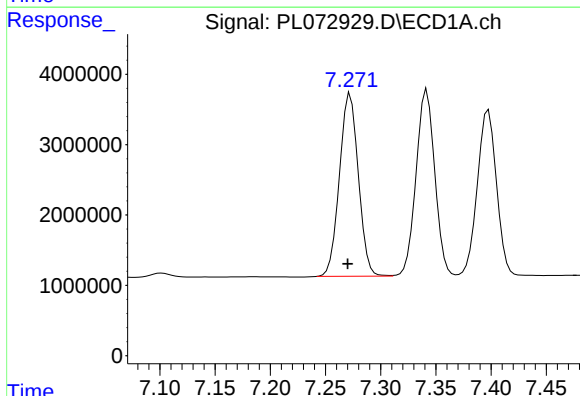
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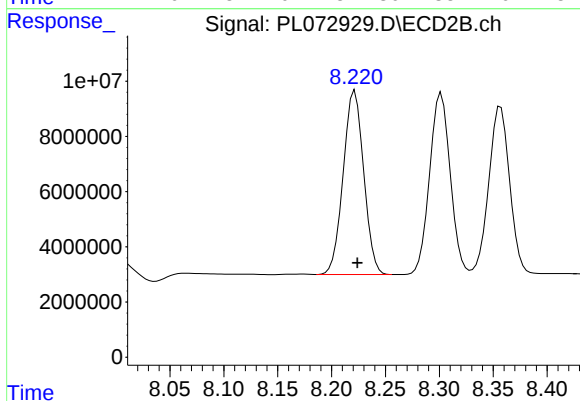
#9 Endosulfan I

R.T.: 8.357 min
Delta R.T.: -0.002 min
Response: 82413401
Conc: 47.11 ng/ml



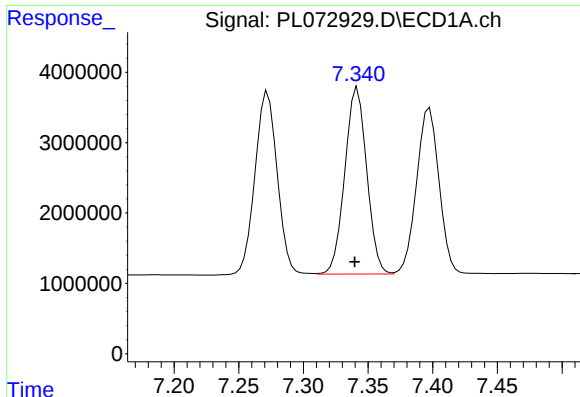
#10 gamma-Chlordane

R.T.: 7.273 min
Delta R.T.: 0.002 min
Response: 30994771
Conc: 48.93 ng/ml



#10 gamma-Chlordane

R.T.: 8.220 min
Delta R.T.: -0.004 min
Response: 88358124
Conc: 45.68 ng/ml m



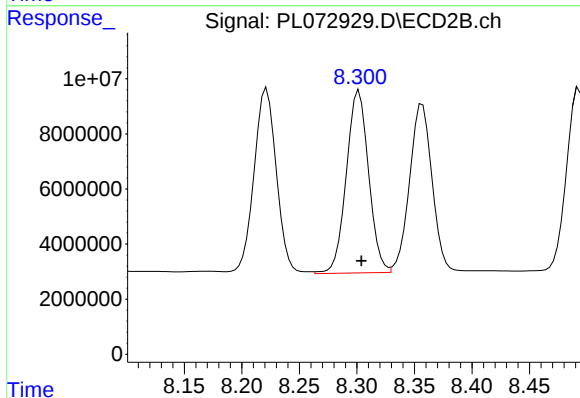
#11 alpha-Chlordane

R.T.: 7.342 min
Delta R.T.: 0.002 min
Response: 31222084
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142870BS

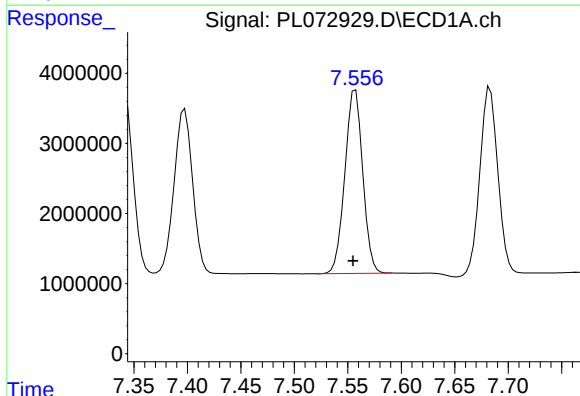
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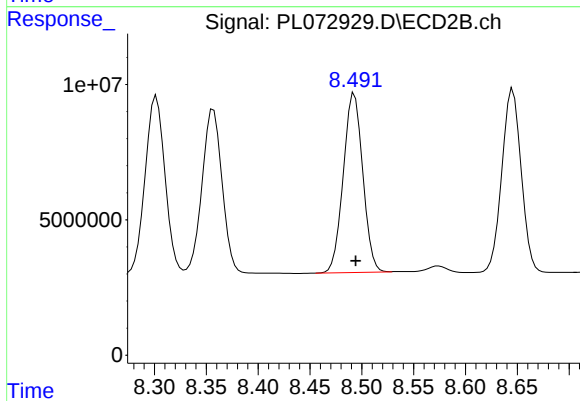
#11 alpha-Chlordane

R.T.: 8.302 min
Delta R.T.: -0.002 min
Response: 89724406
Conc: 47.22 ng/ml



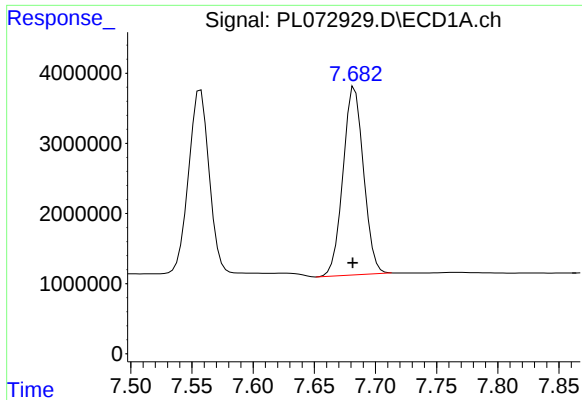
#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: 0.002 min
Response: 30499060
Conc: 50.19 ng/ml



#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.001 min
Response: 86548200
Conc: 46.31 ng/ml



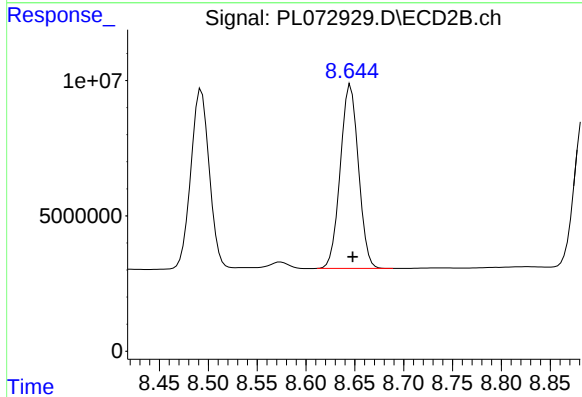
#13 Dieldrin

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 31286137
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142870BS

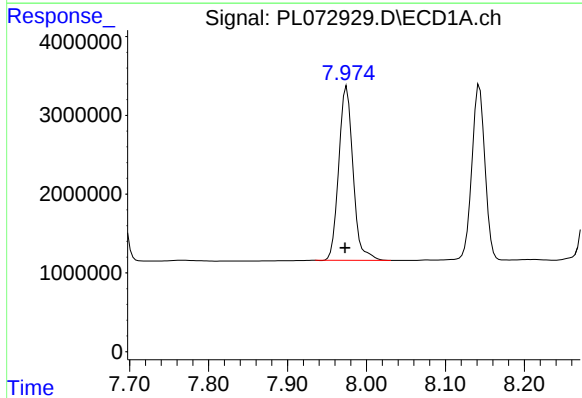
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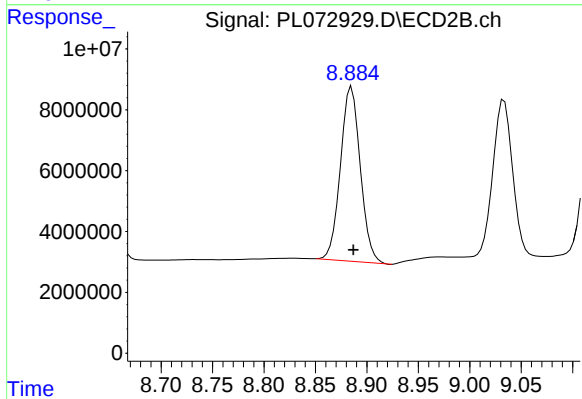
#13 Dieldrin

R.T.: 8.646 min
Delta R.T.: -0.002 min
Response: 88062230
Conc: 47.25 ng/ml



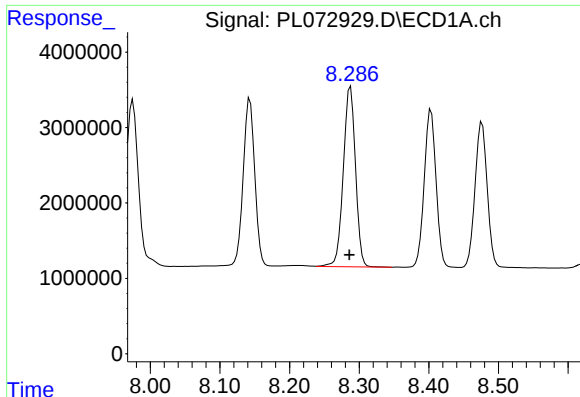
#14 Endrin

R.T.: 7.975 min
Delta R.T.: 0.002 min
Response: 27767467
Conc: 47.40 ng/ml



#14 Endrin

R.T.: 8.885 min
Delta R.T.: -0.002 min
Response: 76800215
Conc: 48.74 ng/ml



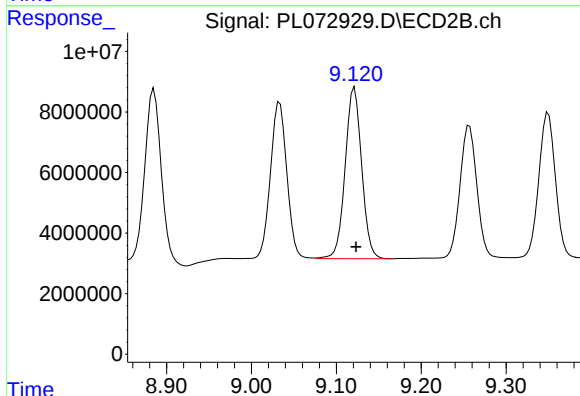
#15 Endosulfan II

R.T.: 8.288 min
Delta R.T.: 0.002 min
Response: 29055966
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142870BS

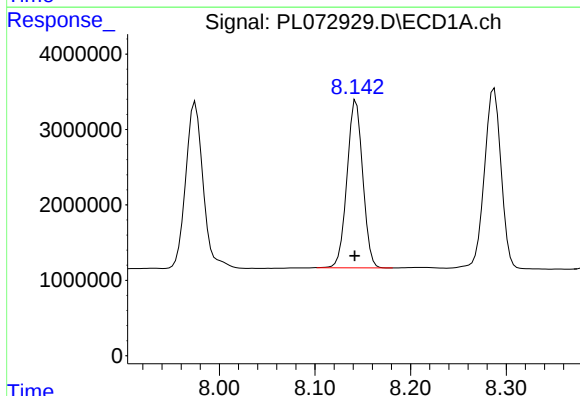
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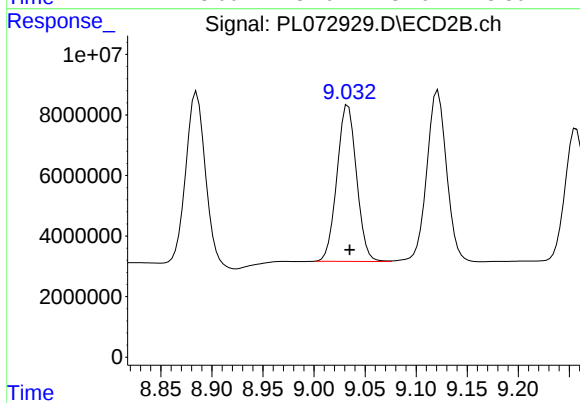
#15 Endosulfan II

R.T.: 9.121 min
Delta R.T.: -0.002 min
Response: 76292373
Conc: 45.38 ng/ml



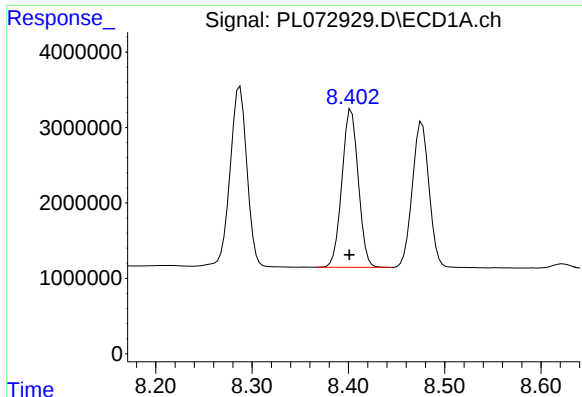
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: 0.002 min
Response: 25513755
Conc: 53.03 ng/ml



#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 69135507
Conc: 49.96 ng/ml



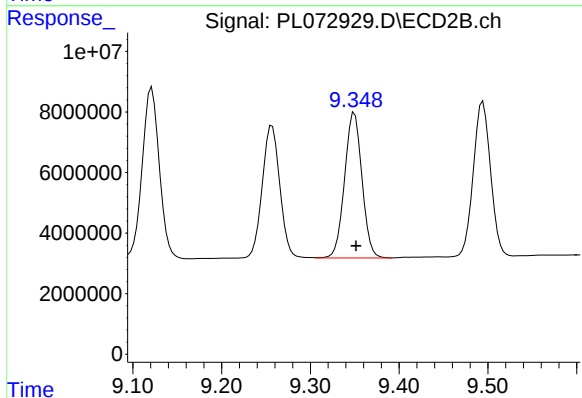
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: 0.002 min
Response: 24666383
Conc: 45.84 ng/ml

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ECD_L
ClientSampleId :
PB142870BS

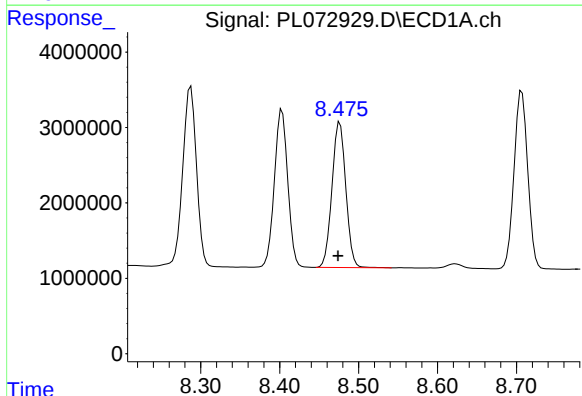
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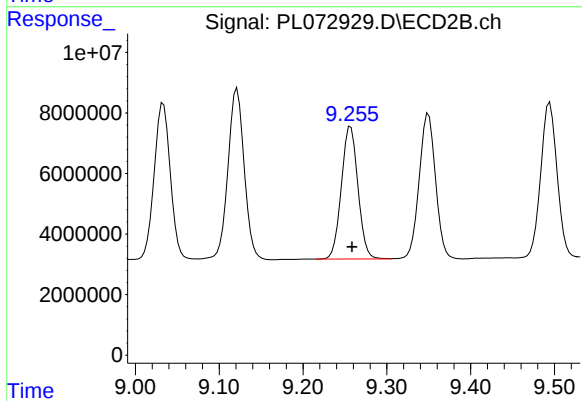
#17 4,4'-DDT

R.T.: 9.350 min
Delta R.T.: -0.002 min
Response: 65340608
Conc: 42.68 ng/ml



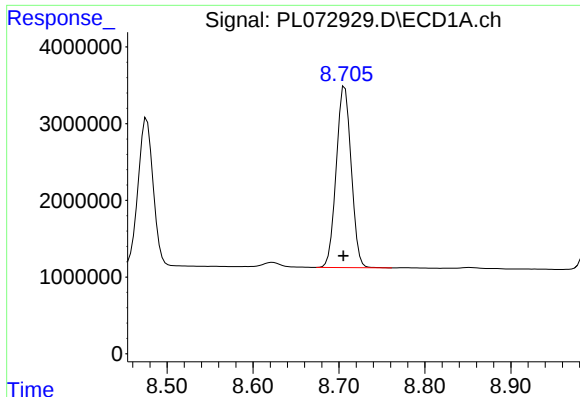
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: 0.002 min
Response: 23504129
Conc: 53.92 ng/ml



#18 Endrin aldehyde

R.T.: 9.257 min
Delta R.T.: -0.002 min
Response: 60256486
Conc: 53.54 ng/ml



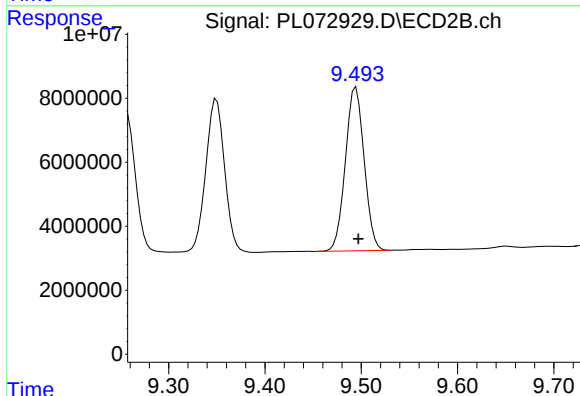
#19 Endosulfan Sulfate

R.T.: 8.707 min
Delta R.T.: 0.002 min
Response: 28466458
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142870BS

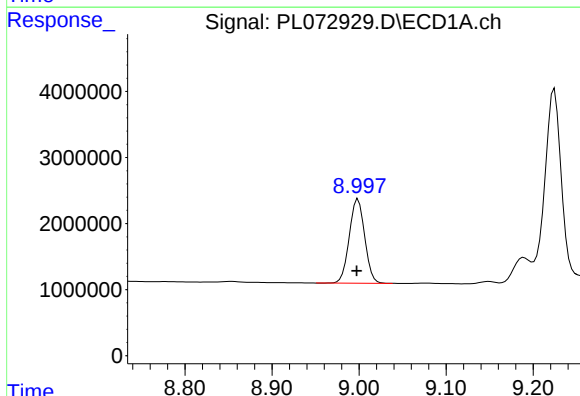
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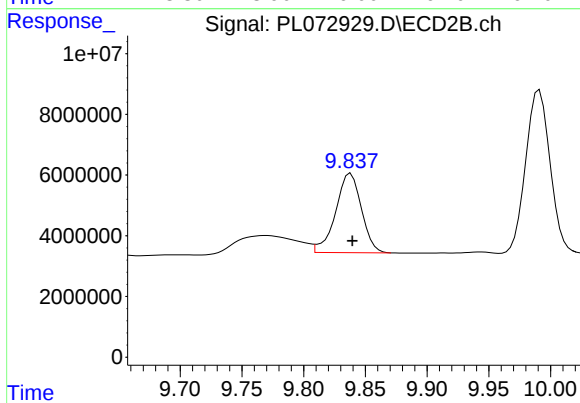
#19 Endosulfan Sulfate

R.T.: 9.495 min
Delta R.T.: -0.002 min
Response: 68953737
Conc: 46.09 ng/ml



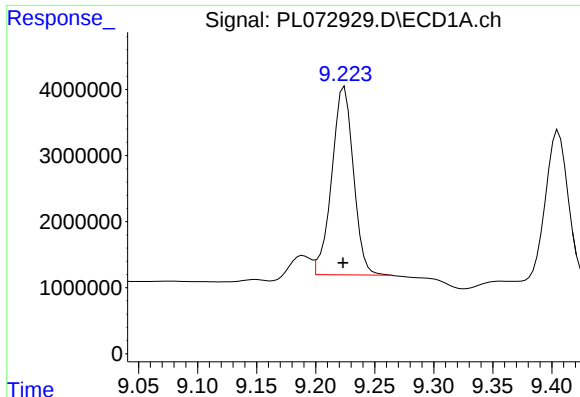
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: 0.001 min
Response: 15737465
Conc: 44.76 ng/ml



#20 Methoxychlor

R.T.: 9.837 min
Delta R.T.: -0.003 min
Response: 37889639
Conc: 46.80 ng/ml m



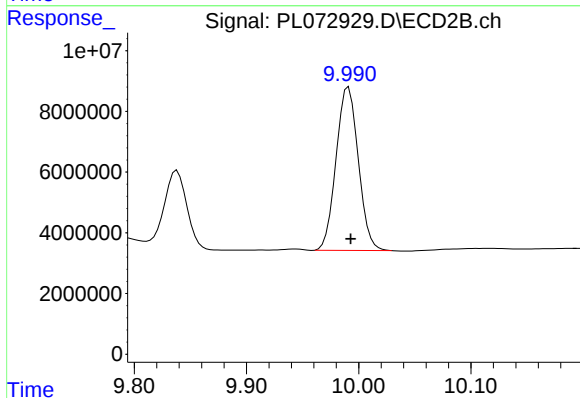
#21 Endrin ketone

R.T.: 9.223 min
Delta R.T.: 0.000 min
Response: 36171815
Conc: 52.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142870BS

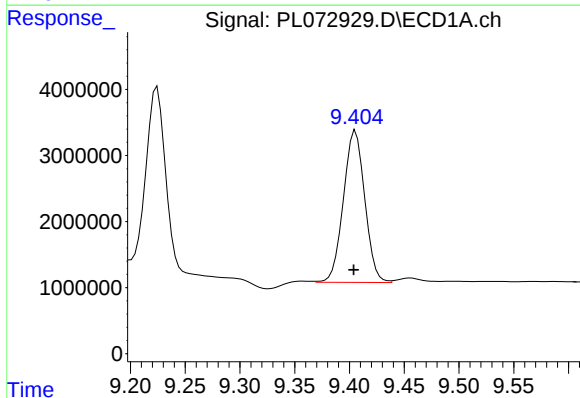
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/24/2022
Supervised By :Ankita Jodhani 02/24/2022



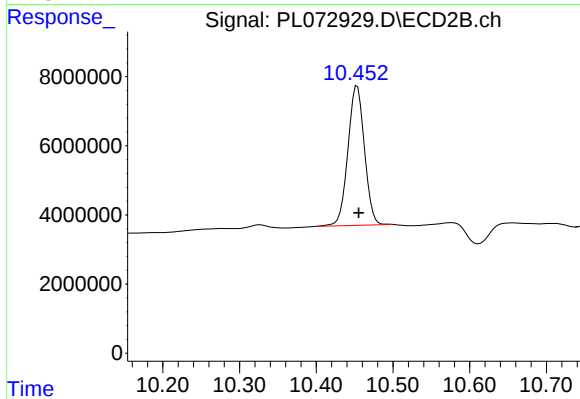
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.002 min
Response: 74242548
Conc: 46.60 ng/ml



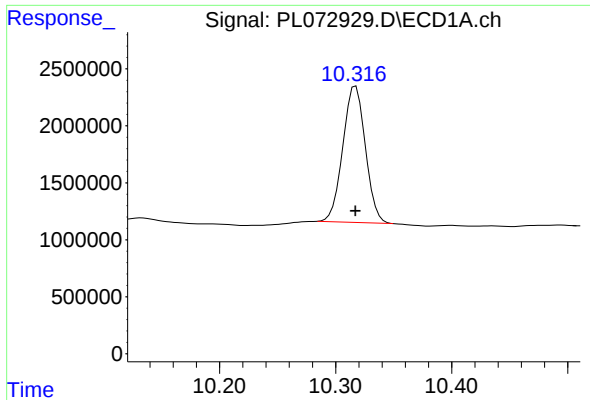
#22 Mirex

R.T.: 9.406 min
Delta R.T.: 0.002 min
Response: 31187055
Conc: 52.57 ng/ml



#22 Mirex

R.T.: 10.453 min
Delta R.T.: -0.002 min
Response: 60890006
Conc: 51.87 ng/ml



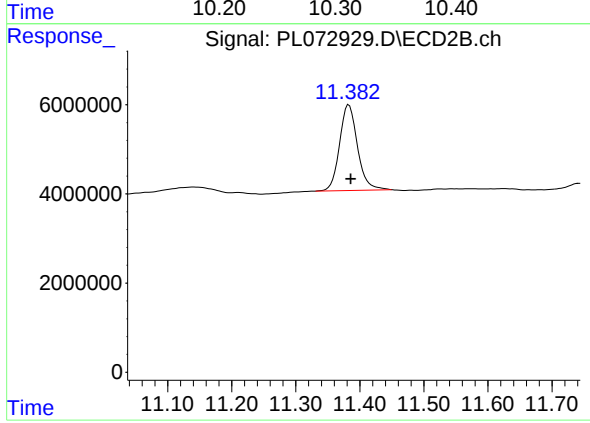
#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: 0.000 min
Response: 16143583
Conc: 21.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142870BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 37373553
Conc: 23.57 ng/ml