

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022222\
 Data File : PL072888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2022 15:35
 Operator : AR\AJ
 Sample : PB142856BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142856BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/23/2022
 Supervised By : Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 05:33:55 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...	4.552	5.489	9161441	33074777	19.027	19.147
28)	SA Decachlor...	10.311	11.379	17408476	37534045	22.995	23.669
Target Compounds							
2)	A alpha-BHC	5.258	6.070	27941680	106.1E6	42.378	44.316
3)	MA gamma-BHC...	5.681	6.466	27499117	100.5E6	43.755	43.628
4)	MA Heptachlor	6.085	7.112	32193383	104.3E6	44.105m	45.806
5)	MB Aldrin	6.410	7.481	29742310	98609146	46.065	46.127
6)	B beta-BHC	6.067	6.727	10027652	44176889	40.468m	43.335
7)	B delta-BHC	6.325	6.992	28488640	99384006	43.026	43.380
8)	B Heptachlo...	6.988	7.949	29667214	91144011	47.057	47.243
9)	A Endosulfan I	7.390	8.354	28039452	83545242	47.927	47.754
10)	B gamma-Chl...	7.263	8.219	29925842	91920109	47.242m	47.522
11)	B alpha-Chl...	7.334	8.299	30423440	90606346	47.777	47.688
12)	B 4,4'-DDE	7.549	8.489	29816483	88328651	49.064	47.258
13)	MA Dieldrin	7.676	8.643	31094593	90469108	49.239	48.544
14)	MA Endrin	7.967	8.883	28752231	78910262	49.081	50.081
15)	B Endosulfa...	8.280	9.118	29282779	78967598	48.131	46.967
16)	A 4,4'-DDD	8.135	9.030	24150339	66567301	50.199	48.105
17)	MA 4,4'-DDT	8.395	9.347	27744127	75179722	51.561	49.110
18)	B Endrin al...	8.468	9.254	24562517	64459923	56.351	57.274
19)	B Endosulfa...	8.699	9.491	29168952	74300563	49.015	49.667
20)	A Methoxychlor	8.991	9.835	17726442	40183326	50.413	49.630
21)	B Endrin ke...	9.215	9.988	34996212	79715155	50.920m	50.032
22)	Mirex	9.398	10.450	32186591	65641515	54.255	55.918

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

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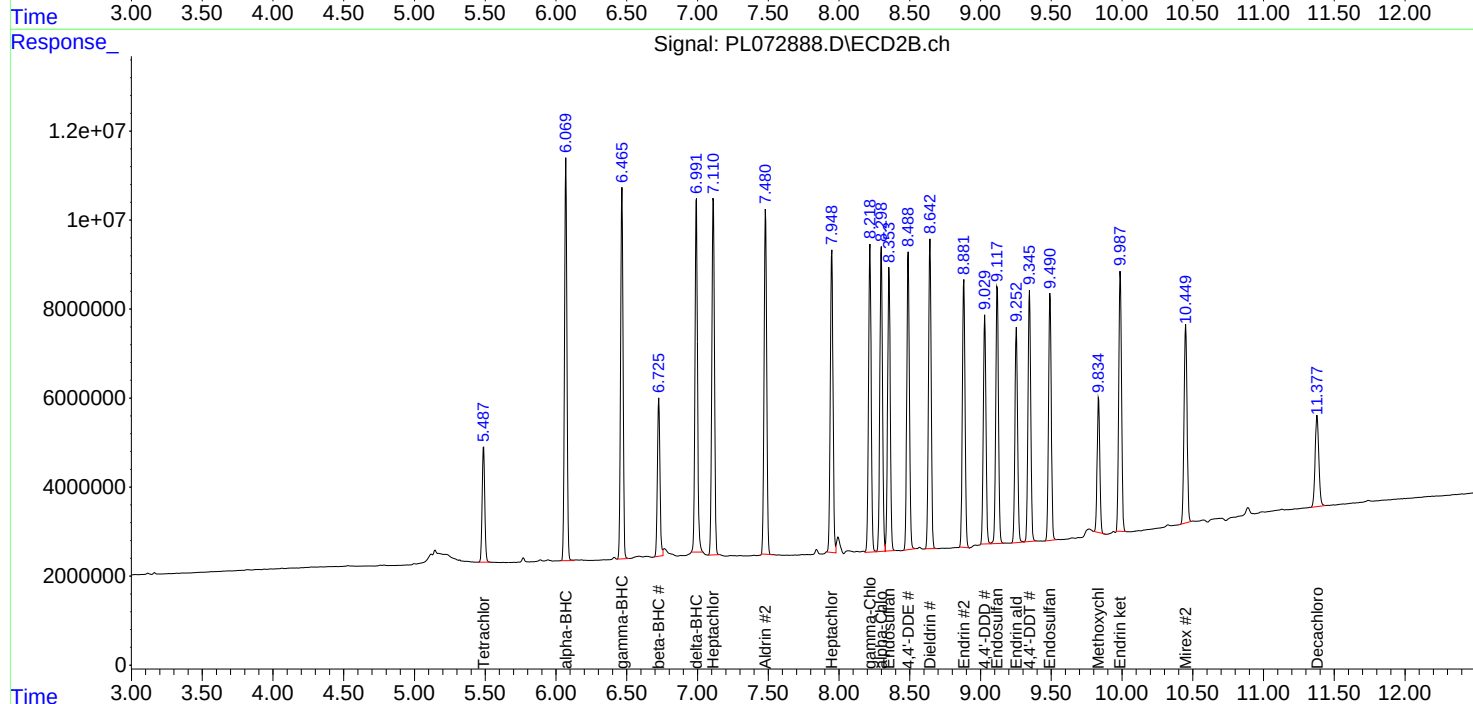
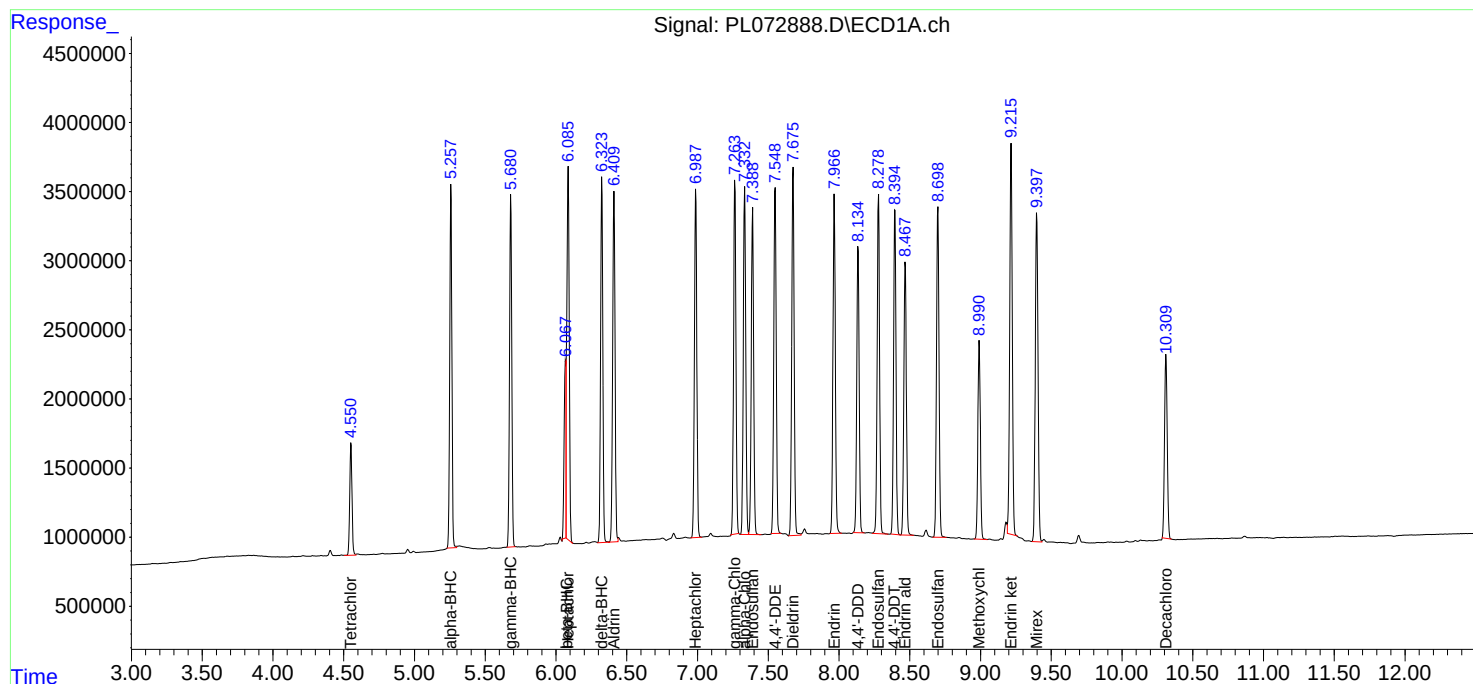
Manual Integrations

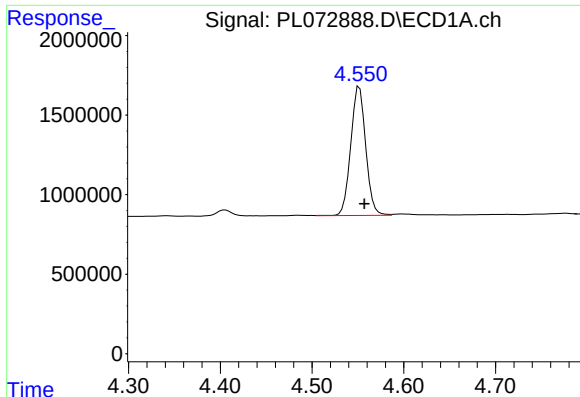
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Reviewed By :Abdul Mirza 02/23/2022
 Supervised By :Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 05:33:55 2022
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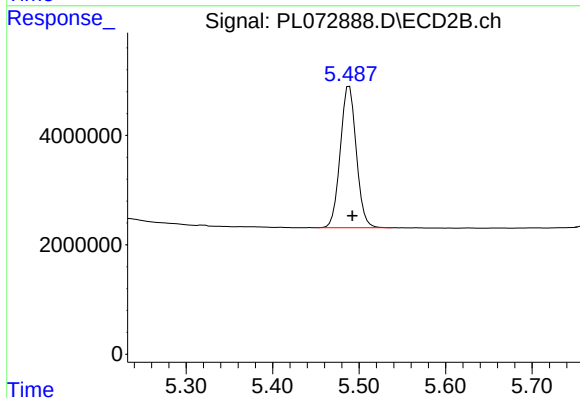
#1 Tetrachloro-m-xylene

R.T.: 4.552 min
Delta R.T.: -0.005 min
Response: 9161441
Conc: 19.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

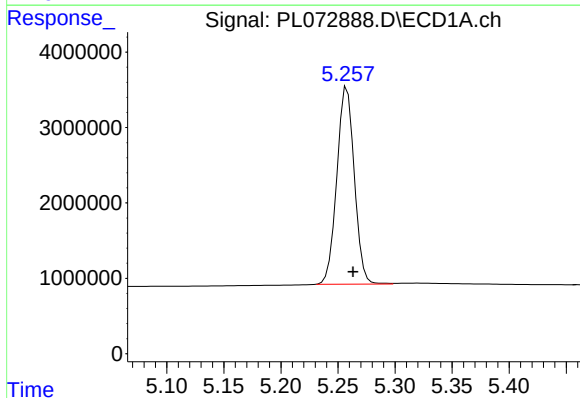
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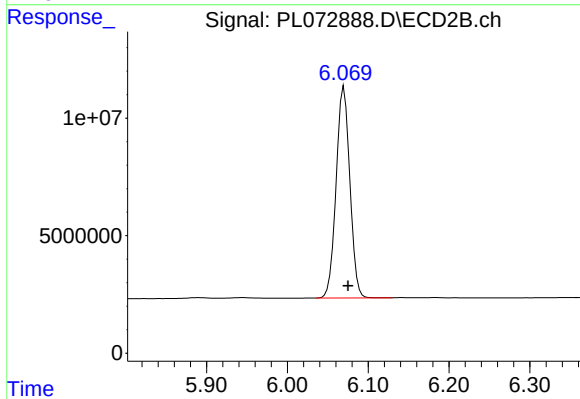
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 33074777
Conc: 19.15 ng/ml



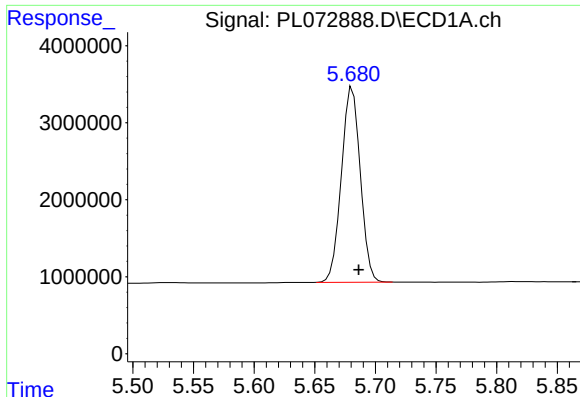
#2 alpha-BHC

R.T.: 5.258 min
Delta R.T.: -0.005 min
Response: 27941680
Conc: 42.38 ng/ml



#2 alpha-BHC

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 106124998
Conc: 44.32 ng/ml



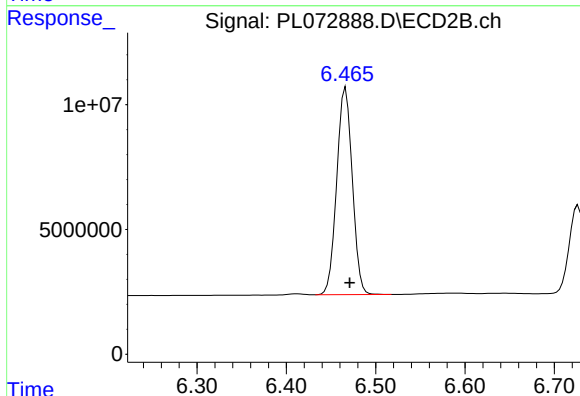
#3 gamma-BHC (Lindane)

R.T.: 5.681 min
Delta R.T.: -0.005 min
Response: 27499117
Conc: 43.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

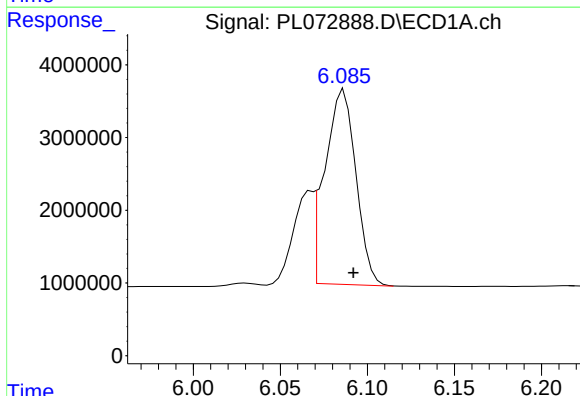
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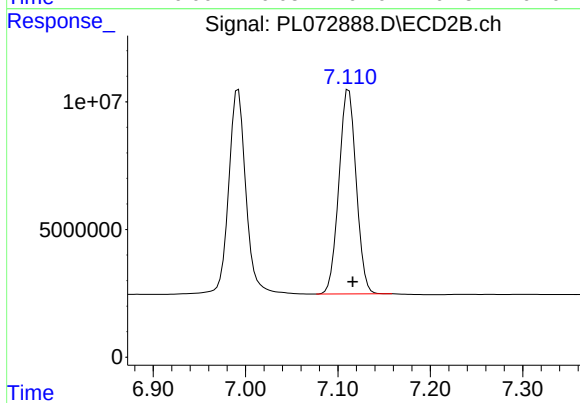
#3 gamma-BHC (Lindane)

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 100452261
Conc: 43.63 ng/ml



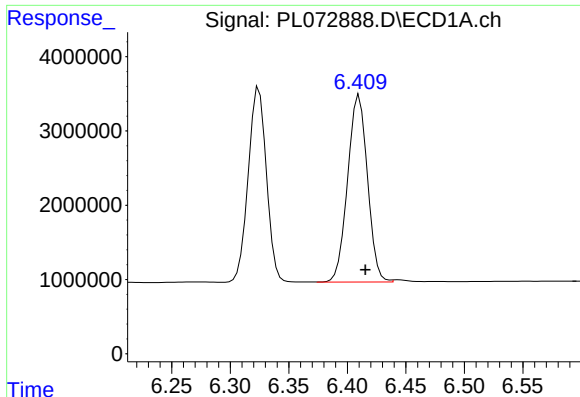
#4 Heptachlor

R.T.: 6.085 min
Delta R.T.: -0.007 min
Response: 32193383
Conc: 44.10 ng/ml m



#4 Heptachlor

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 104294013
Conc: 45.81 ng/ml



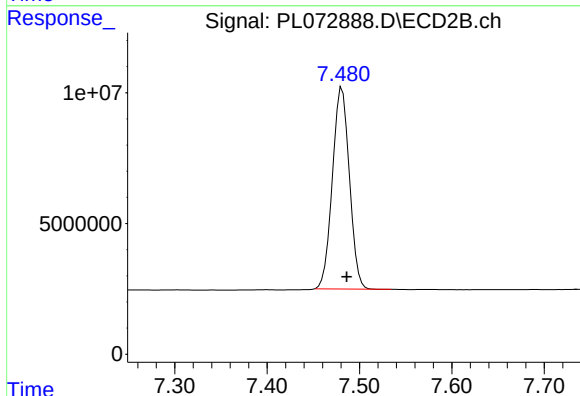
#5 Aldrin

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 29742310
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

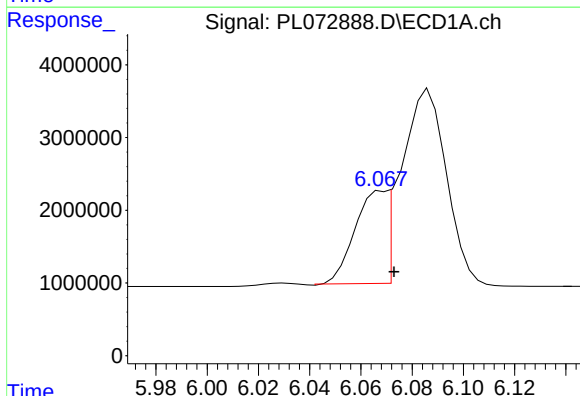
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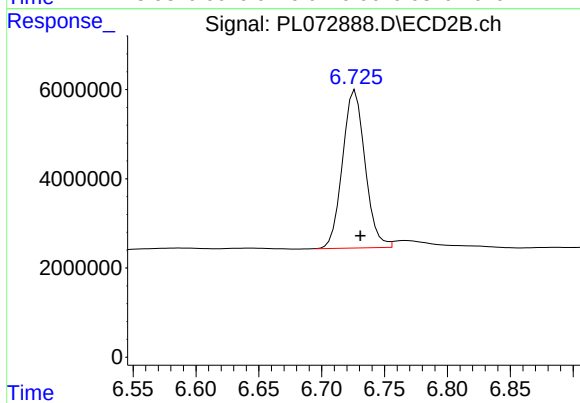
#5 Aldrin

R.T.: 7.481 min
Delta R.T.: -0.005 min
Response: 98609146
Conc: 46.13 ng/ml



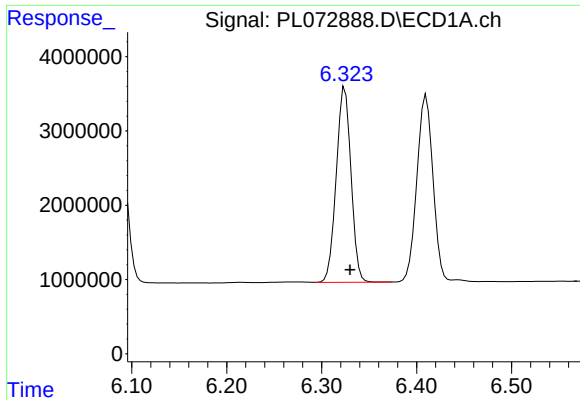
#6 beta-BHC

R.T.: 6.067 min
Delta R.T.: -0.006 min
Response: 10027652
Conc: 40.47 ng/ml m



#6 beta-BHC

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 44176889
Conc: 43.34 ng/ml



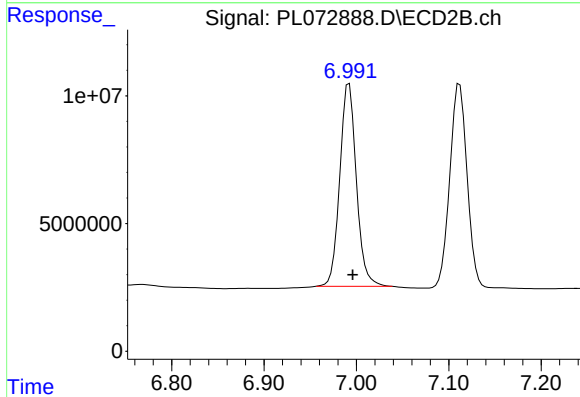
#7 delta-BHC

R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 28488640
Conc: 43.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

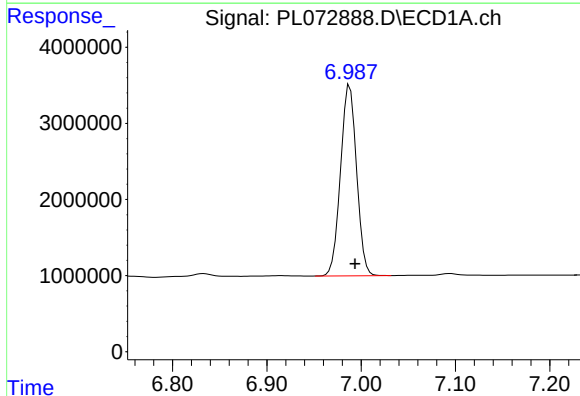
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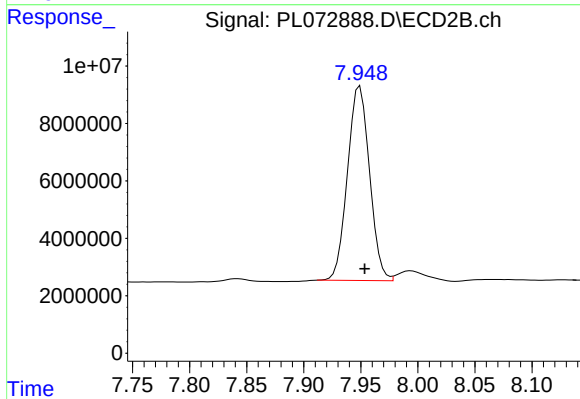
#7 delta-BHC

R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 99384006
Conc: 43.38 ng/ml



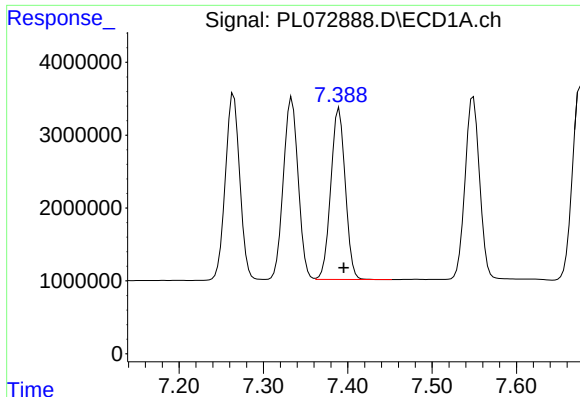
#8 Heptachlor epoxide

R.T.: 6.988 min
Delta R.T.: -0.006 min
Response: 29667214
Conc: 47.06 ng/ml



#8 Heptachlor epoxide

R.T.: 7.949 min
Delta R.T.: -0.004 min
Response: 91144011
Conc: 47.24 ng/ml



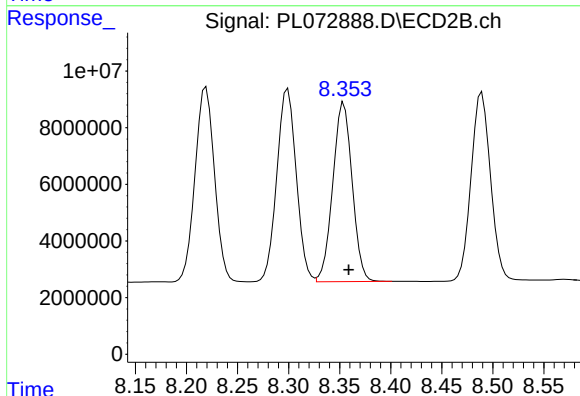
#9 Endosulfan I

R.T.: 7.390 min
Delta R.T.: -0.005 min
Response: 28039452
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

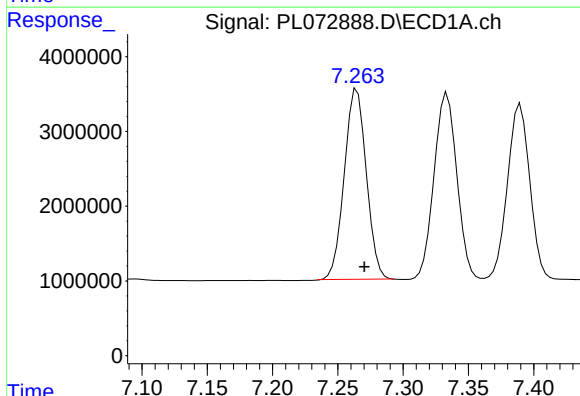
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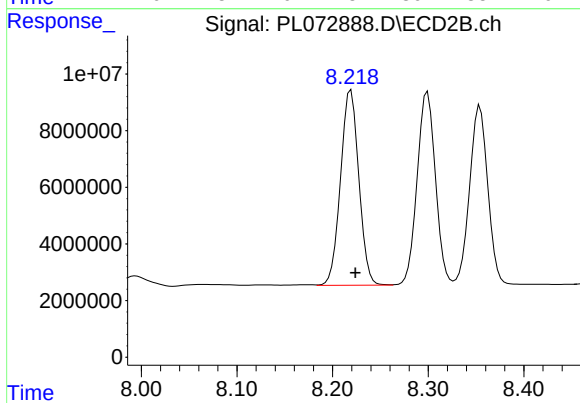
#9 Endosulfan I

R.T.: 8.354 min
Delta R.T.: -0.005 min
Response: 83545242
Conc: 47.75 ng/ml



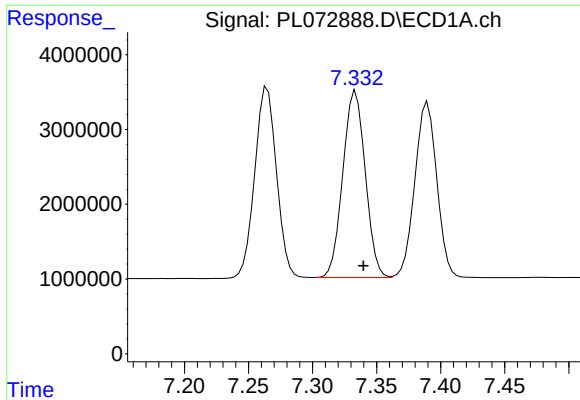
#10 gamma-Chlordane

R.T.: 7.263 min
Delta R.T.: -0.007 min
Response: 29925842
Conc: 47.24 ng/ml m



#10 gamma-Chlordane

R.T.: 8.219 min
Delta R.T.: -0.005 min
Response: 91920109
Conc: 47.52 ng/ml



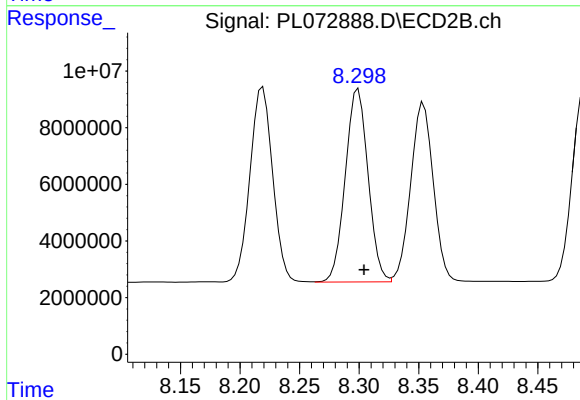
#11 alpha-Chlordane

R.T.: 7.334 min
Delta R.T.: -0.006 min
Response: 30423440
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

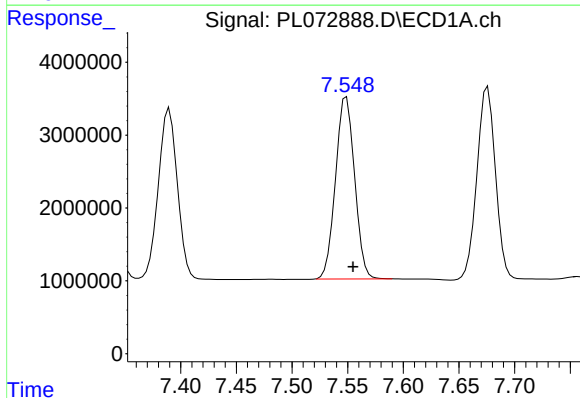
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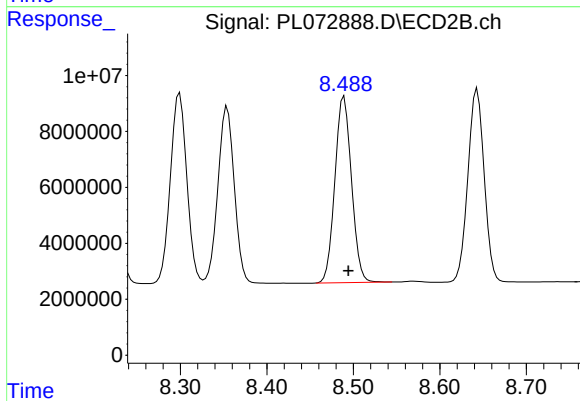
#11 alpha-Chlordane

R.T.: 8.299 min
Delta R.T.: -0.005 min
Response: 90606346
Conc: 47.69 ng/ml



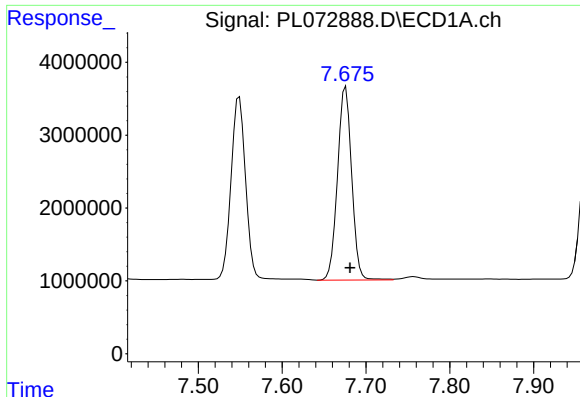
#12 4,4'-DDE

R.T.: 7.549 min
Delta R.T.: -0.006 min
Response: 29816483
Conc: 49.06 ng/ml



#12 4,4'-DDE

R.T.: 8.489 min
Delta R.T.: -0.005 min
Response: 88328651
Conc: 47.26 ng/ml



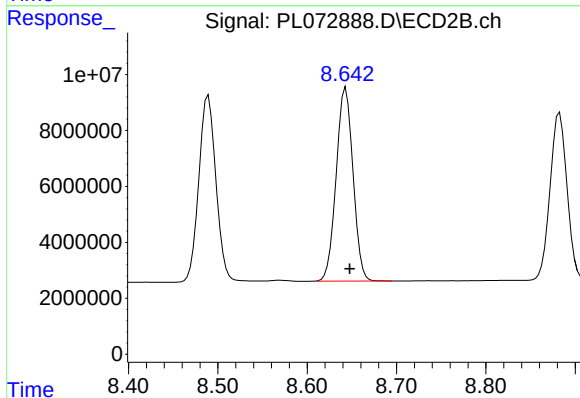
#13 Dieldrin

R.T.: 7.676 min
Delta R.T.: -0.005 min
Response: 31094593
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

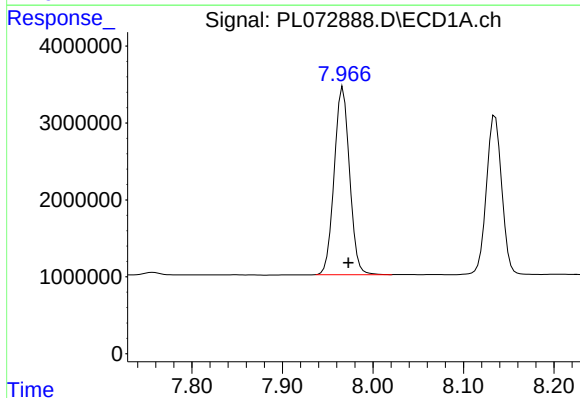
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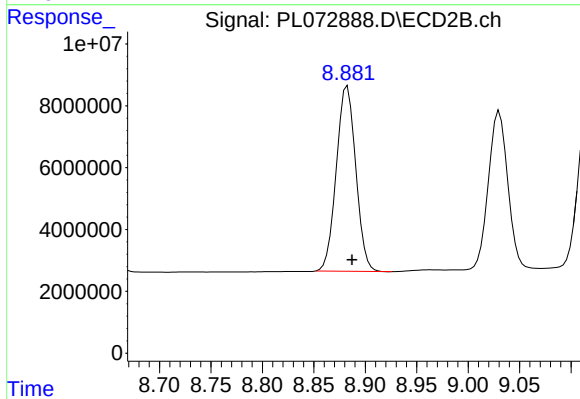
#13 Dieldrin

R.T.: 8.643 min
Delta R.T.: -0.005 min
Response: 90469108
Conc: 48.54 ng/ml



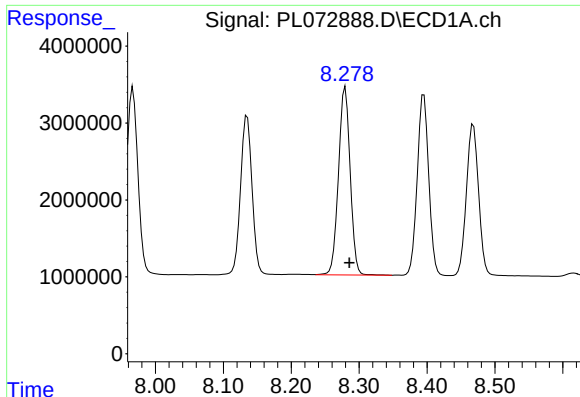
#14 Endrin

R.T.: 7.967 min
Delta R.T.: -0.006 min
Response: 28752231
Conc: 49.08 ng/ml



#14 Endrin

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 78910262
Conc: 50.08 ng/ml



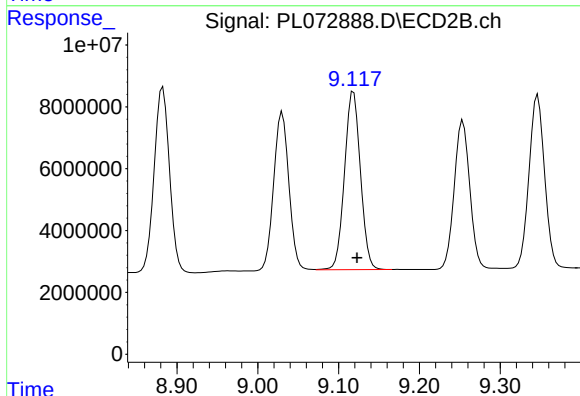
#15 Endosulfan II

R.T.: 8.280 min
Delta R.T.: -0.006 min
Response: 29282779
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

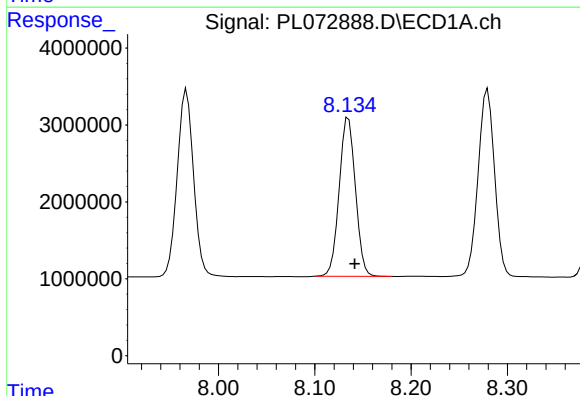
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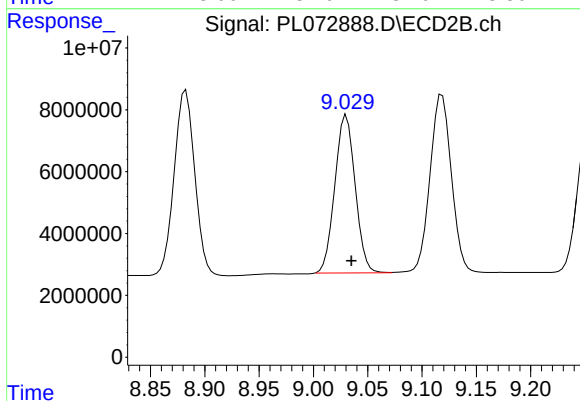
#15 Endosulfan II

R.T.: 9.118 min
Delta R.T.: -0.005 min
Response: 78967598
Conc: 46.97 ng/ml



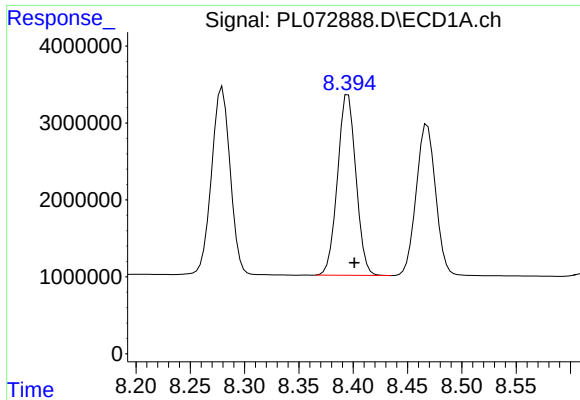
#16 4,4'-DDD

R.T.: 8.135 min
Delta R.T.: -0.006 min
Response: 24150339
Conc: 50.20 ng/ml



#16 4,4'-DDD

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 66567301
Conc: 48.11 ng/ml



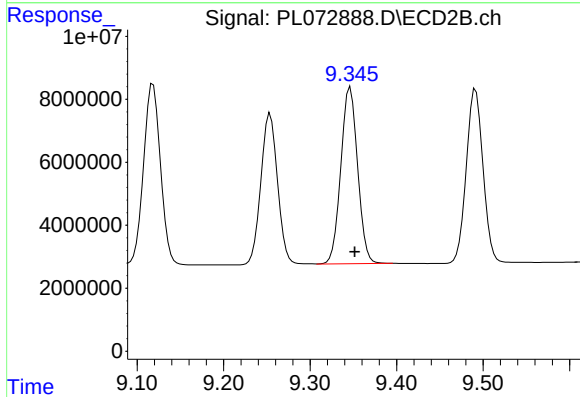
#17 4,4'-DDT

R.T.: 8.395 min
Delta R.T.: -0.006 min
Response: 27744127
Conc: 51.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

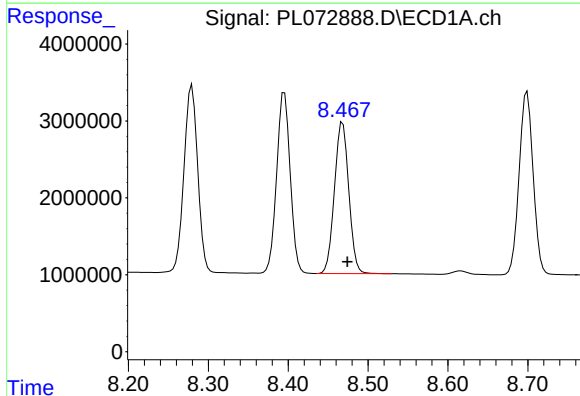
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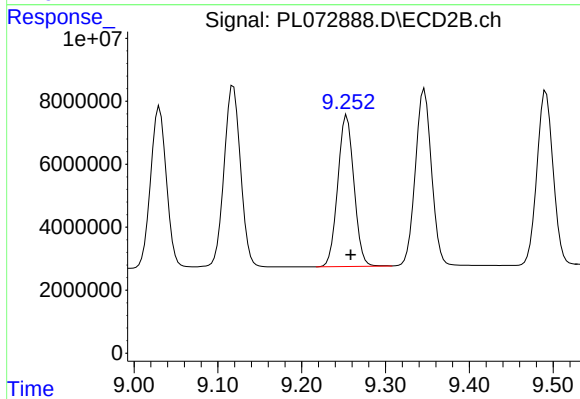
#17 4,4'-DDT

R.T.: 9.347 min
Delta R.T.: -0.005 min
Response: 75179722
Conc: 49.11 ng/ml



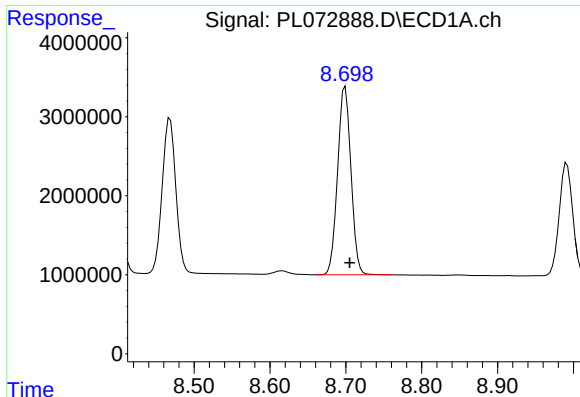
#18 Endrin aldehyde

R.T.: 8.468 min
Delta R.T.: -0.006 min
Response: 24562517
Conc: 56.35 ng/ml



#18 Endrin aldehyde

R.T.: 9.254 min
Delta R.T.: -0.005 min
Response: 64459923
Conc: 57.27 ng/ml



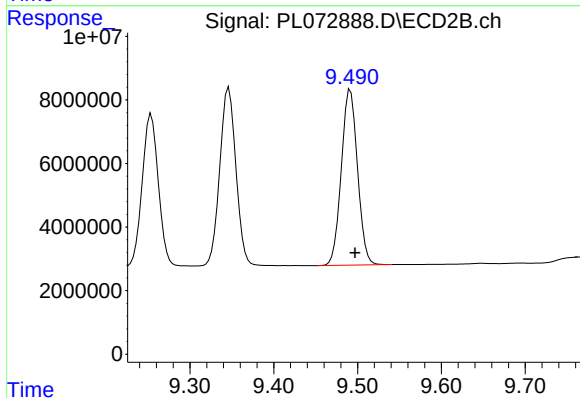
#19 Endosulfan Sulfate

R.T.: 8.699 min
Delta R.T.: -0.006 min
Response: 29168952
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

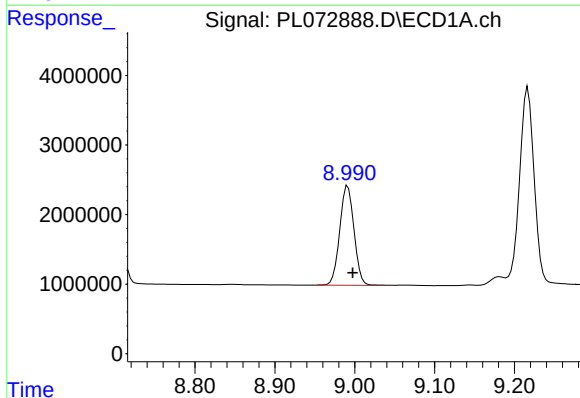
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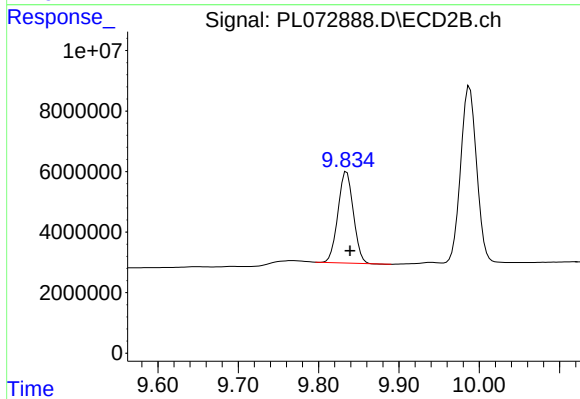
#19 Endosulfan Sulfate

R.T.: 9.491 min
Delta R.T.: -0.006 min
Response: 74300563
Conc: 49.67 ng/ml



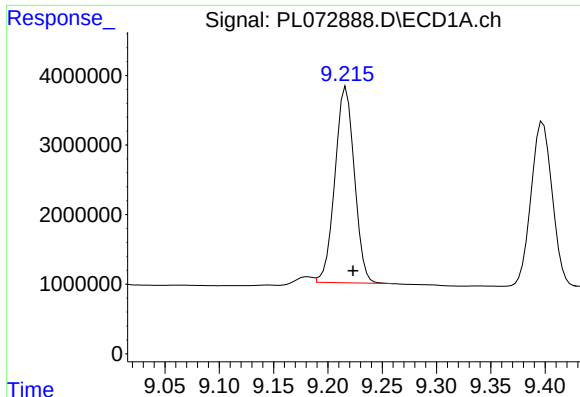
#20 Methoxychlor

R.T.: 8.991 min
Delta R.T.: -0.006 min
Response: 17726442
Conc: 50.41 ng/ml



#20 Methoxychlor

R.T.: 9.835 min
Delta R.T.: -0.004 min
Response: 40183326
Conc: 49.63 ng/ml



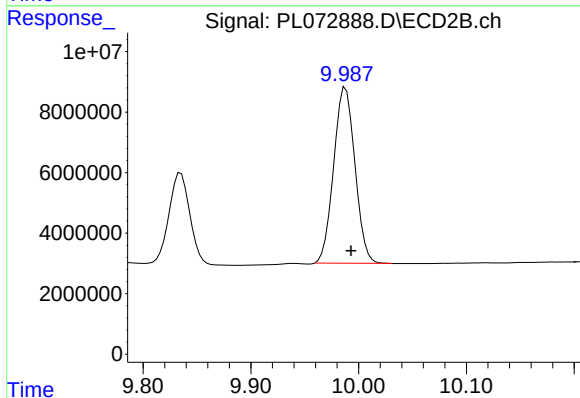
#21 Endrin ketone

R.T.: 9.215 min
Delta R.T.: -0.008 min
Response: 34996212
Conc: 50.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

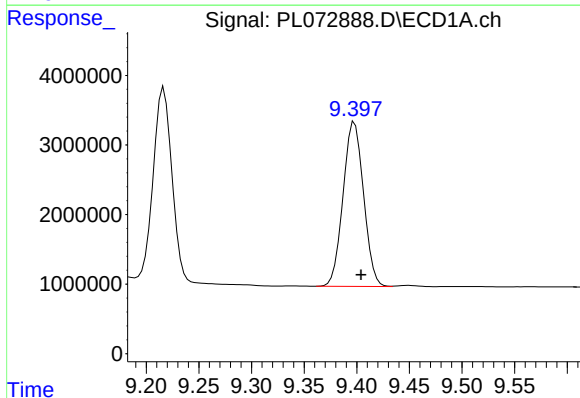
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Supervised By :Ankita Jodhani 02/23/2022



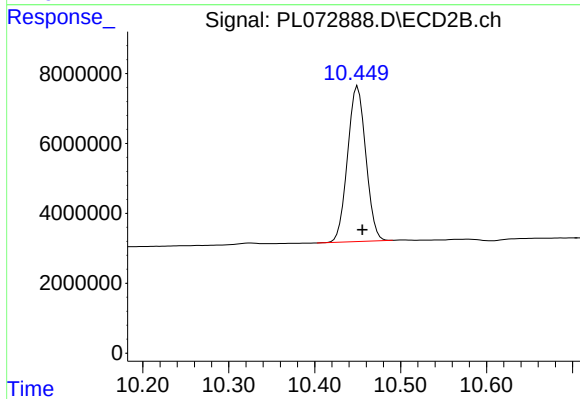
#21 Endrin ketone

R.T.: 9.988 min
Delta R.T.: -0.005 min
Response: 79715155
Conc: 50.03 ng/ml



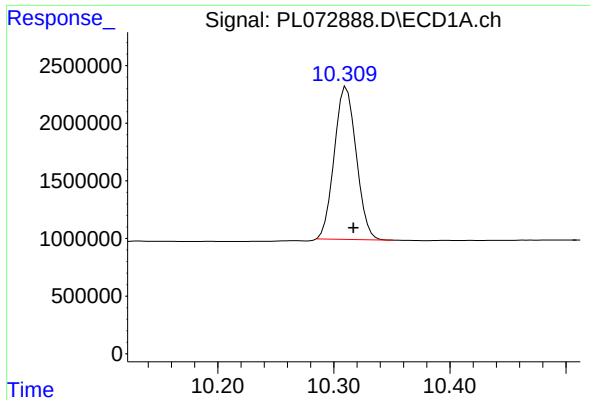
#22 Mirex

R.T.: 9.398 min
Delta R.T.: -0.006 min
Response: 32186591
Conc: 54.25 ng/ml



#22 Mirex

R.T.: 10.450 min
Delta R.T.: -0.006 min
Response: 65641515
Conc: 55.92 ng/ml



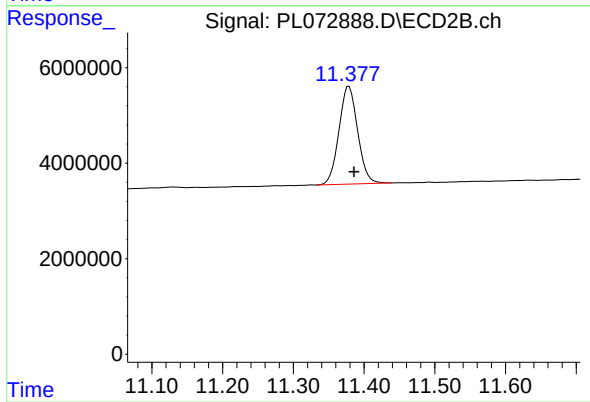
#28 Decachlorobiphenyl

R.T.: 10.311 min
Delta R.T.: -0.006 min
Response: 17408476
Conc: 23.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142856BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/23/2022
Supervised By :Ankita Jodhani 02/23/2022



#28 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: -0.007 min
Response: 37534045
Conc: 23.67 ng/ml