

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110922\
 Data File : PL078989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2022 23:10
 Operator : AR\AJ
 Sample : N5524-01MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11995MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2022
 Supervised By : Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 09:13:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.321	2.569	40090550	50484824	21.023	19.773
28)	SA Decachlor...	8.769	7.634	26544651	31951152	17.645	16.869
Target Compounds							
2)	A alpha-BHC	3.781	3.055	157.8E6	188.6E6	54.970	47.753
3)	MA gamma-BHC...	4.114	3.376	140.2E6	172.6E6	52.478	48.015
4)	MA Heptachlor	4.684	3.702	137.6E6	172.4E6	52.991	49.709
5)	MB Aldrin	5.022	3.974	131.0E6	177.8E6	52.901	50.785
6)	B beta-BHC	4.329	3.676	59077359	66407658	51.284	46.282
7)	B delta-BHC	4.569	3.895	106.8E6	174.8E6	46.902	48.007
8)	B Heptachlo...	5.456	4.470	117.0E6	147.7E6	55.124	49.029
9)	A Endosulfan I	5.839	4.833	106.0E6	132.6E6	49.666	46.335
10)	B gamma-Chl...	5.711	4.718	121.9E6	150.8E6	54.002	49.206
11)	B alpha-Chl...	5.787	4.780	121.0E6	145.7E6	52.295	48.872
12)	B 4,4'-DDE	5.970	4.973	101.4E6	145.2E6	50.682	53.314m
13)	MA Dieldrin	6.117	5.093	111.5E6	152.7E6	51.681	51.522m
14)	MA Endrin	6.347	5.365	88842253	128.7E6	46.813m	49.393
15)	B Endosulfa...	6.577	5.661	84388351	118.3E6	44.979	51.955
16)	A 4,4'-DDD	6.495	5.523	80025064	107.8E6	48.005	49.088m
17)	MA 4,4'-DDT	6.805	5.770	78460925	111.1E6	43.776	51.241m
18)	B Endrin al...	6.708	5.840	69319572	91598077	47.640	48.806
19)	B Endosulfa...	6.941	6.062	80059350	111.5E6	43.512	46.836
20)	A Methoxychlor	7.289	6.349	40179048	58387170	43.631	51.452
21)	B Endrin ke...	7.427	6.558	79438845	118.2E6	42.223	45.732
22)	Mirex	7.884	6.730	64675502	85710889	44.304	43.553

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

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ECD_L

ClientSampleId :

72-11995MSD

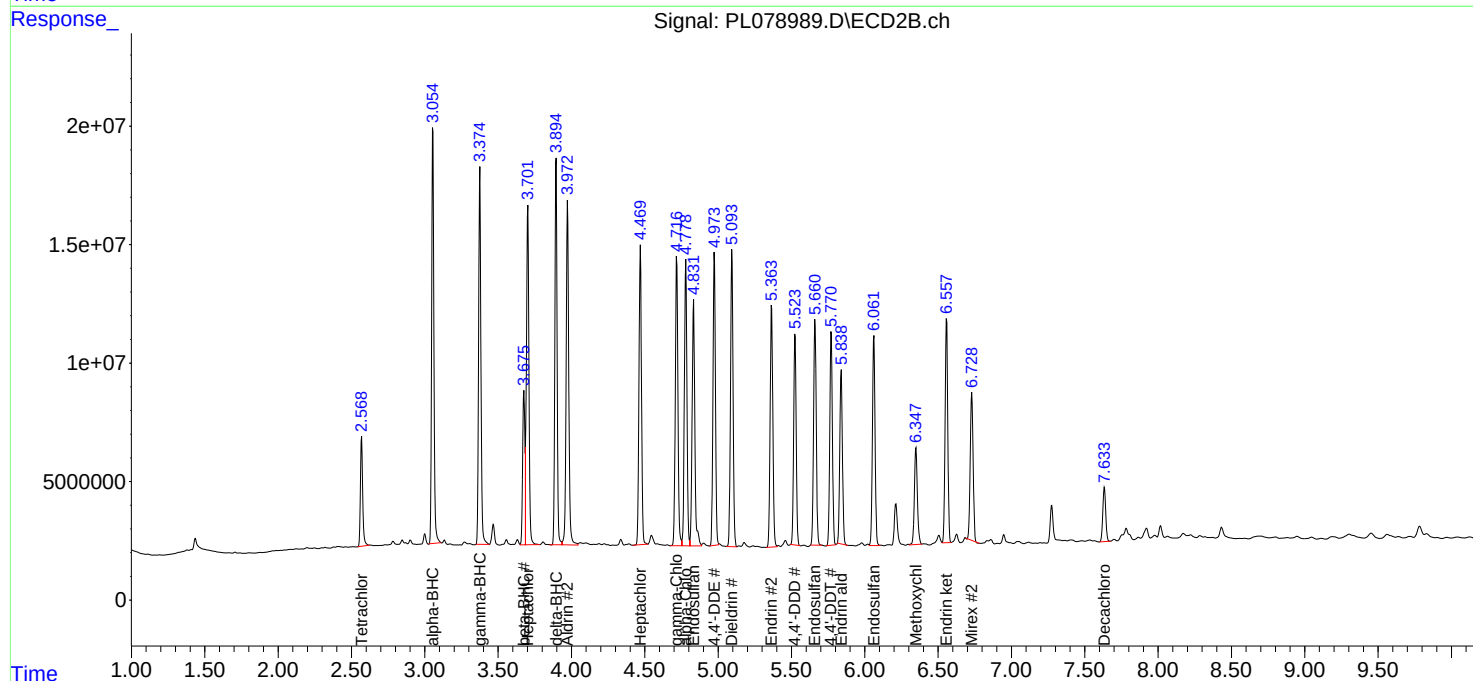
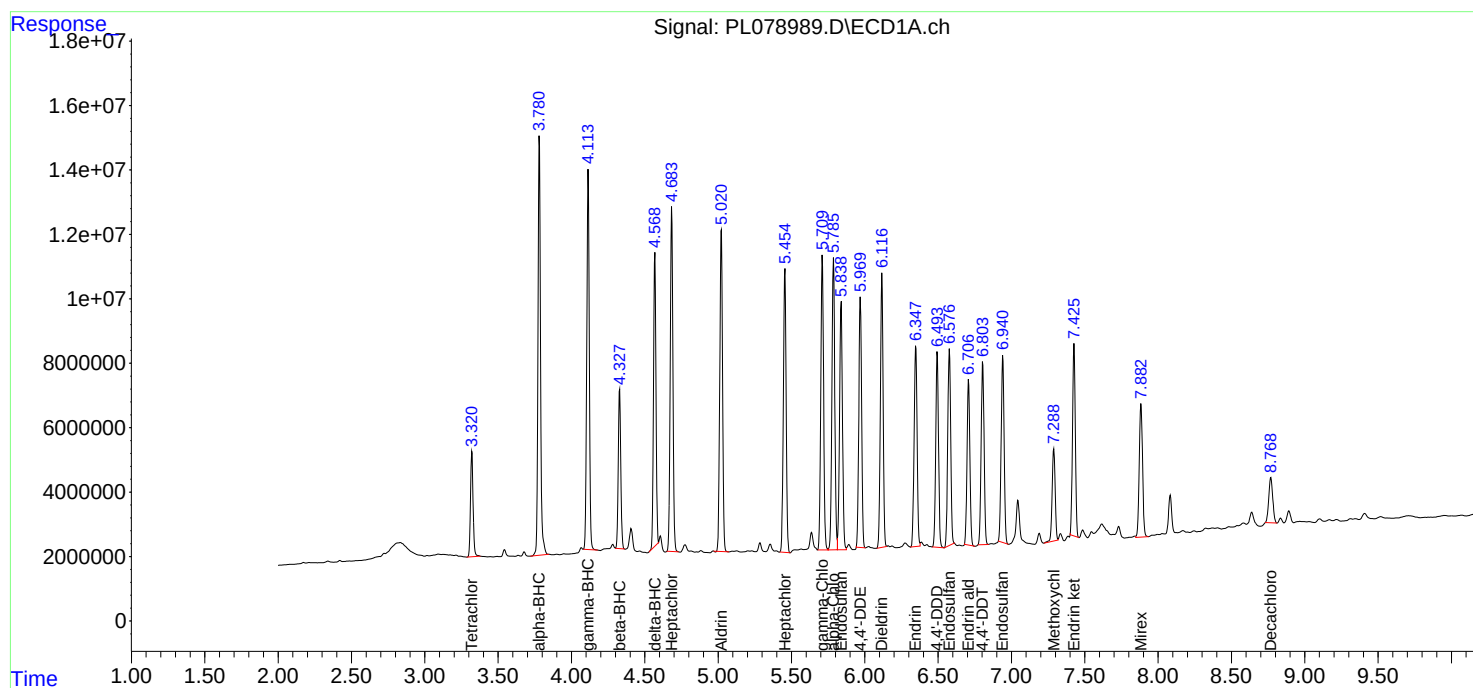
Manual Integrations

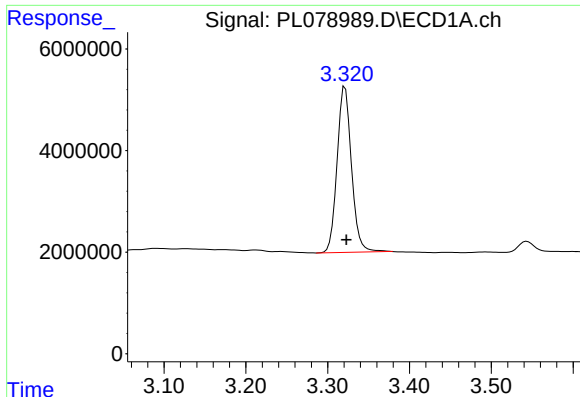
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 Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 09:13:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





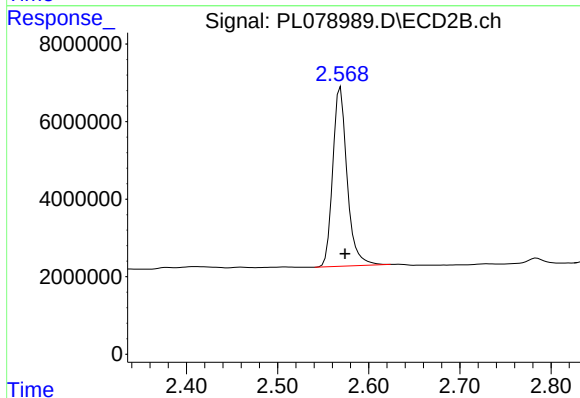
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 40090550
Conc: 21.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

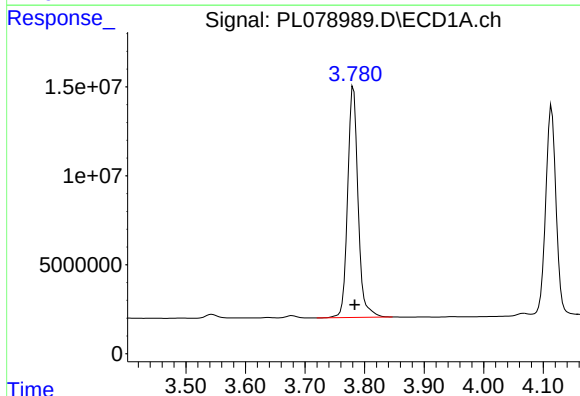
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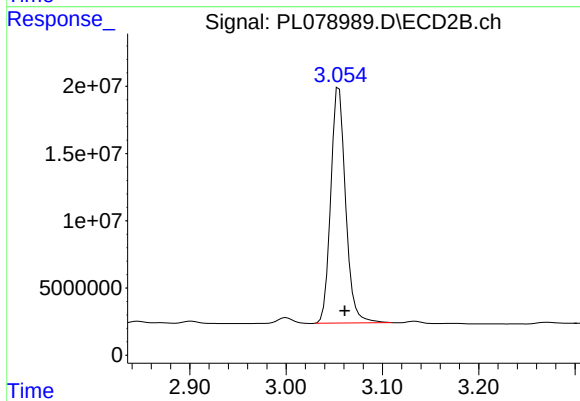
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 50484824
Conc: 19.77 ng/ml



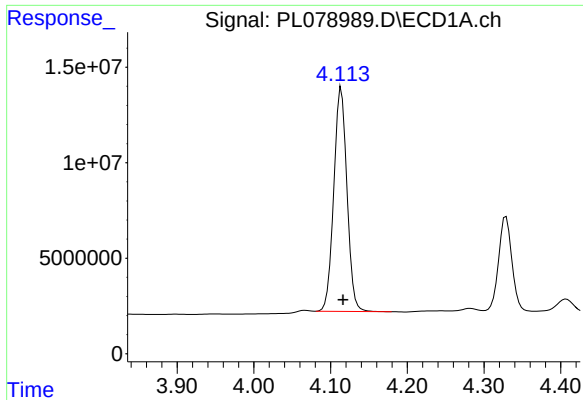
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 157840221
Conc: 54.97 ng/ml



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: -0.006 min
Response: 188580109
Conc: 47.75 ng/ml



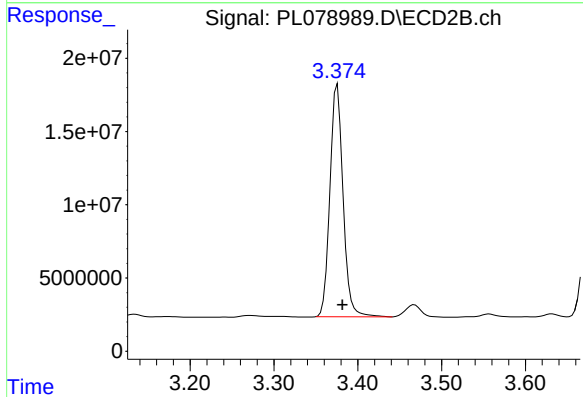
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: -0.002 min
Response: 140206648
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

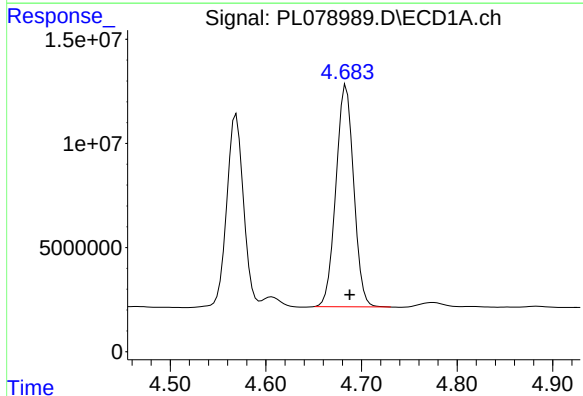
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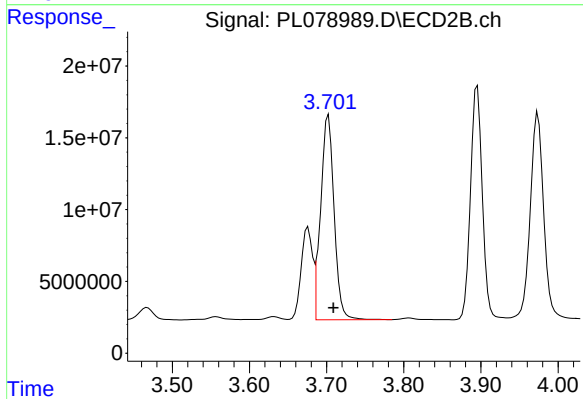
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: -0.006 min
Response: 172576183
Conc: 48.02 ng/ml



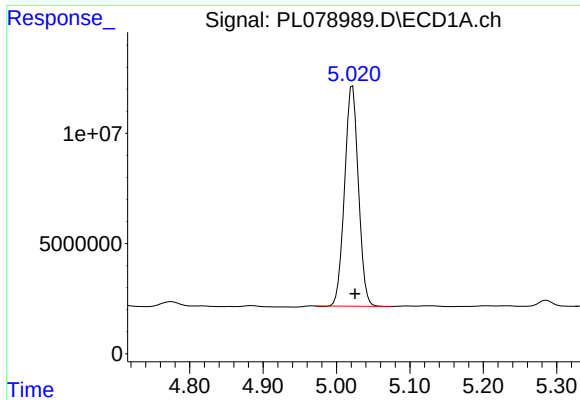
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.004 min
Response: 137566368
Conc: 52.99 ng/ml



#4 Heptachlor

R.T.: 3.702 min
Delta R.T.: -0.006 min
Response: 172379687
Conc: 49.71 ng/ml



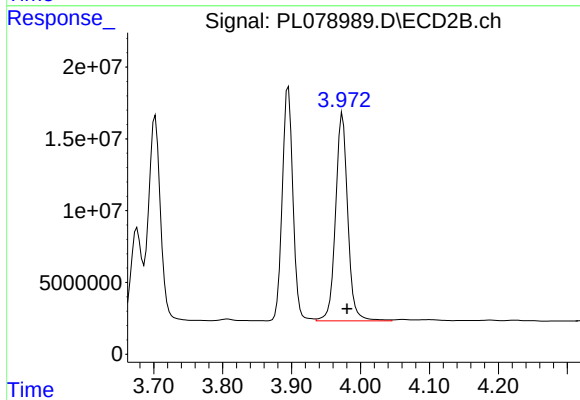
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 131019870
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

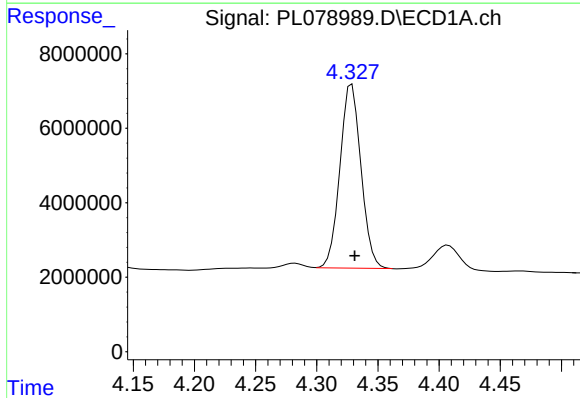
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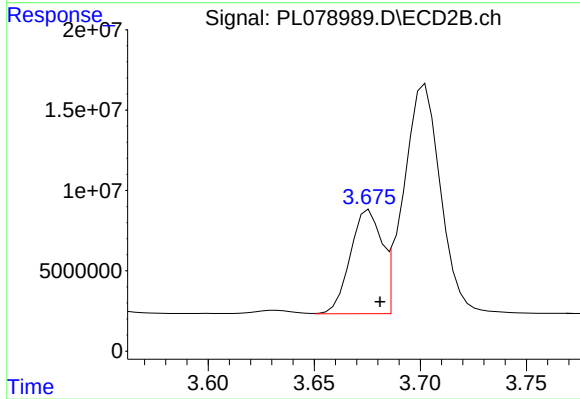
#5 Aldrin

R.T.: 3.974 min
Delta R.T.: -0.006 min
Response: 177832644
Conc: 50.78 ng/ml



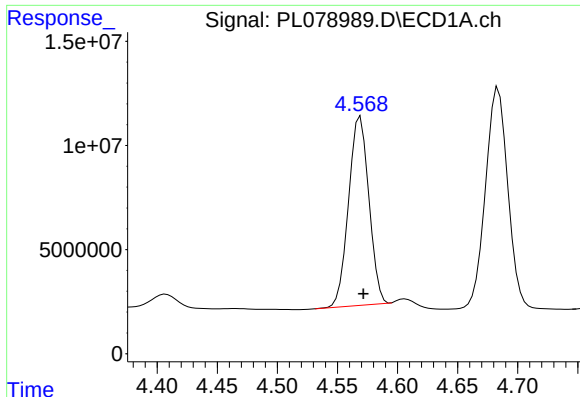
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 59077359
Conc: 51.28 ng/ml



#6 beta-BHC

R.T.: 3.676 min
Delta R.T.: -0.005 min
Response: 66407658
Conc: 46.28 ng/ml



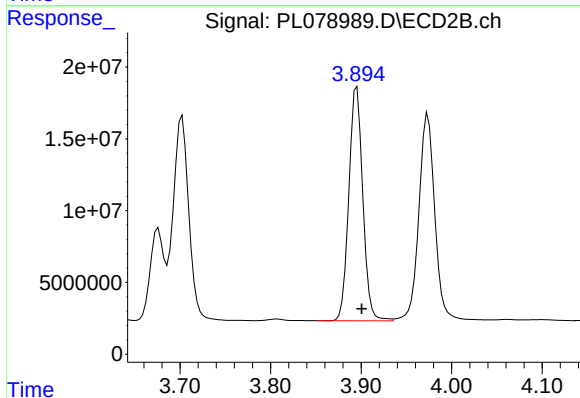
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 106789077
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

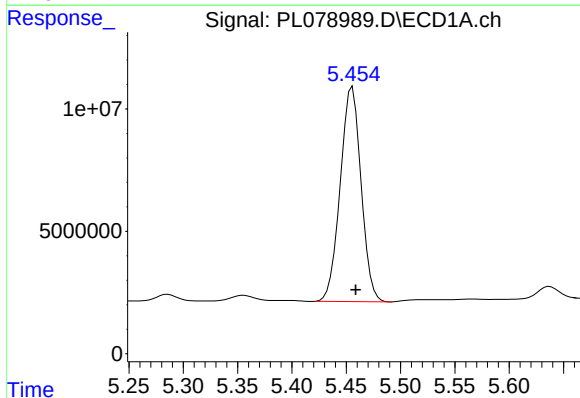
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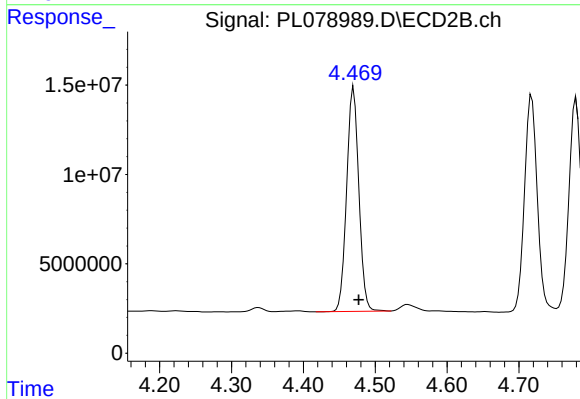
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 174807816
Conc: 48.01 ng/ml



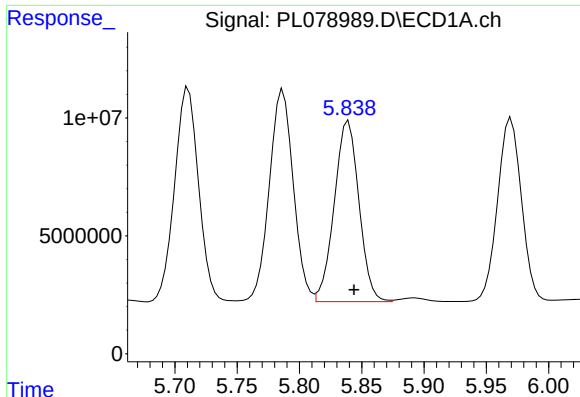
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 117029747
Conc: 55.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.007 min
Response: 147735475
Conc: 49.03 ng/ml



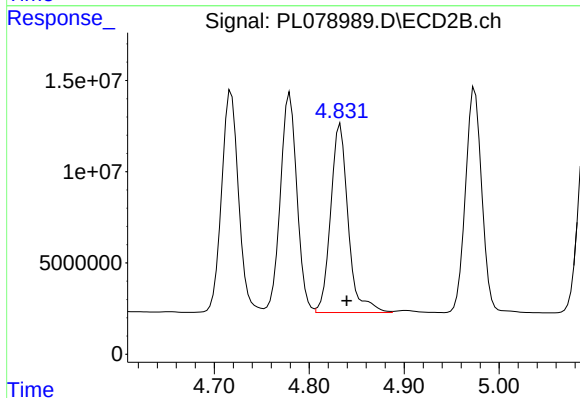
#9 Endosulfan I

R.T.: 5.839 min
Delta R.T.: -0.005 min
Response: 105966060
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

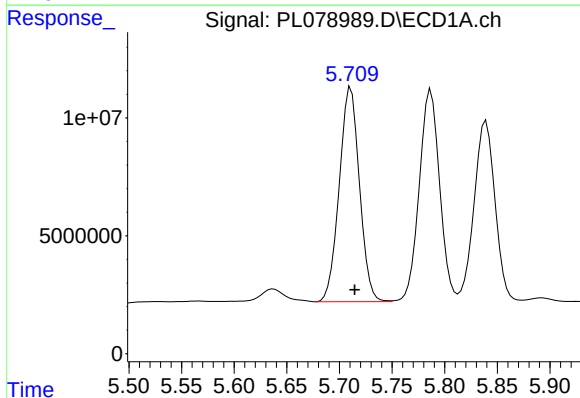
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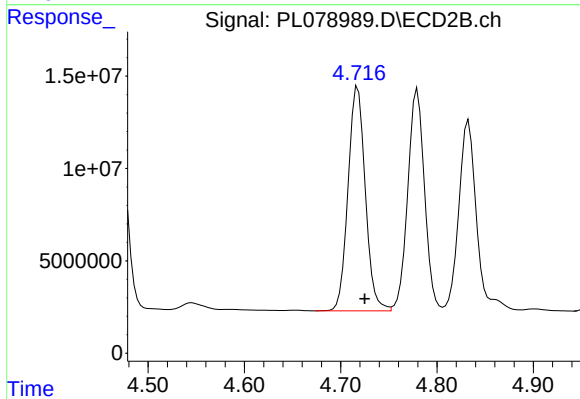
#9 Endosulfan I

R.T.: 4.833 min
Delta R.T.: -0.007 min
Response: 132640384
Conc: 46.33 ng/ml



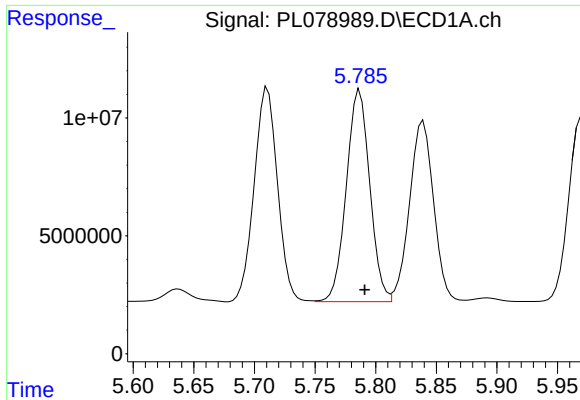
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 121890878
Conc: 54.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 150788368
Conc: 49.21 ng/ml



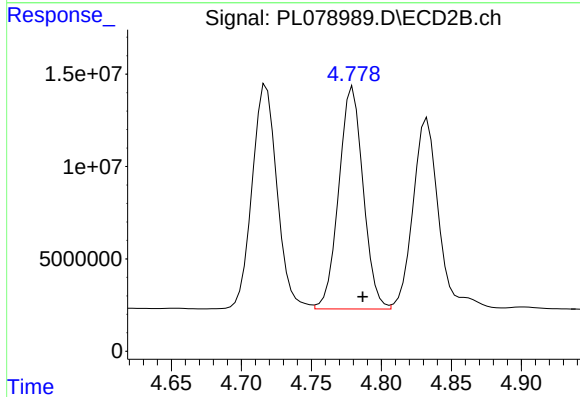
#11 alpha-Chlordane

R.T.: 5.787 min
Delta R.T.: -0.004 min
Response: 120999963
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

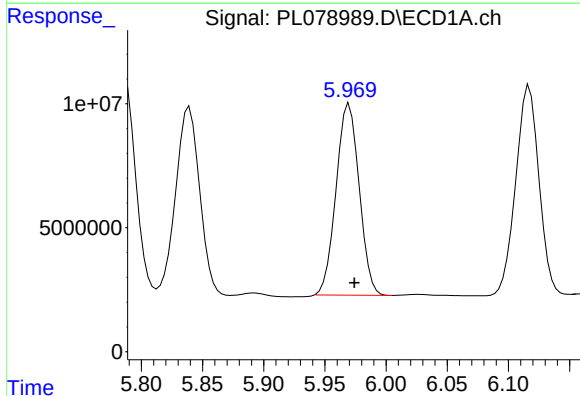
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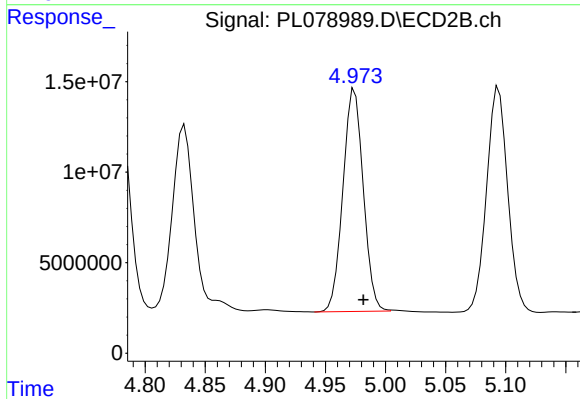
#11 alpha-Chlordane

R.T.: 4.780 min
Delta R.T.: -0.007 min
Response: 145657790
Conc: 48.87 ng/ml



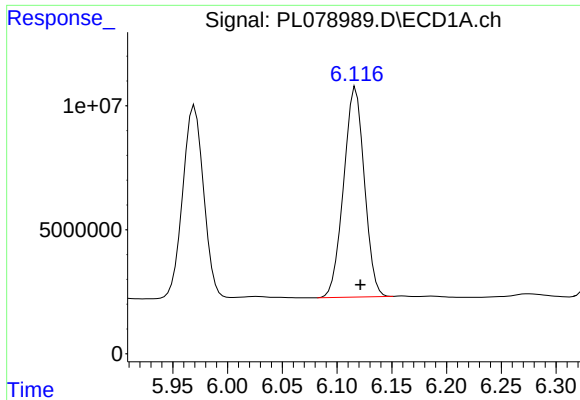
#12 4,4'-DDE

R.T.: 5.970 min
Delta R.T.: -0.004 min
Response: 101431697
Conc: 50.68 ng/ml



#12 4,4'-DDE

R.T.: 4.973 min
Delta R.T.: -0.009 min
Response: 145150199
Conc: 53.31 ng/ml m



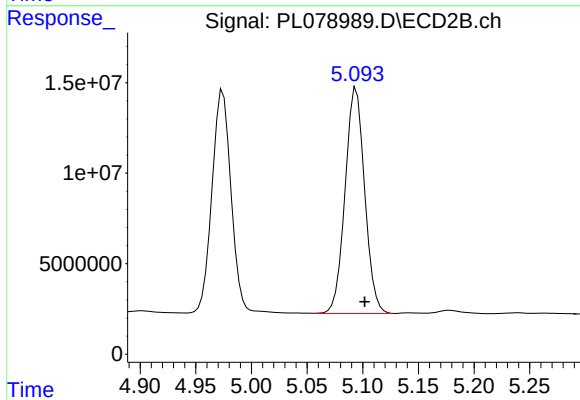
#13 Dieldrin

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 111450759
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

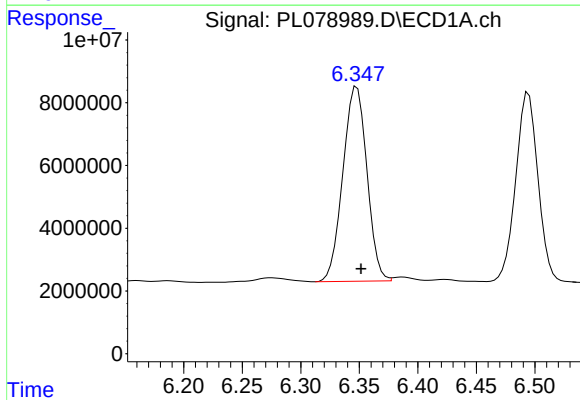
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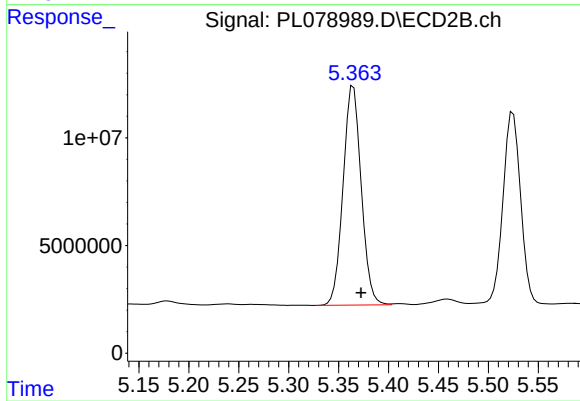
#13 Dieldrin

R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 152664700
Conc: 51.52 ng/ml m



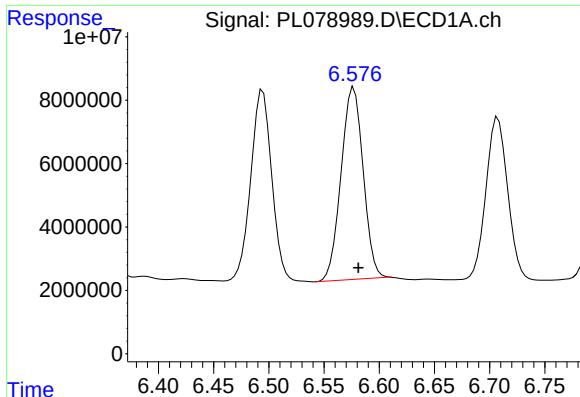
#14 Endrin

R.T.: 6.347 min
Delta R.T.: -0.005 min
Response: 88842253
Conc: 46.81 ng/ml m



#14 Endrin

R.T.: 5.365 min
Delta R.T.: -0.008 min
Response: 128679793
Conc: 49.39 ng/ml



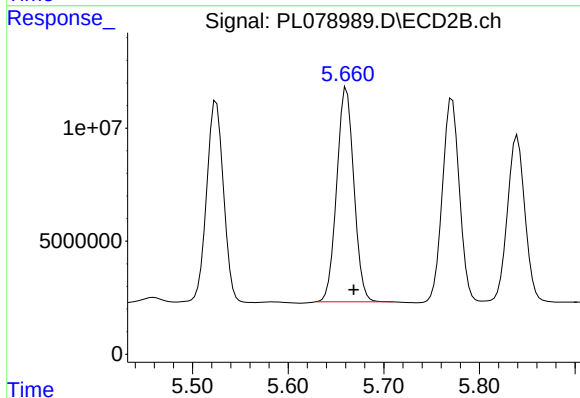
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.004 min
Response: 84388351
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

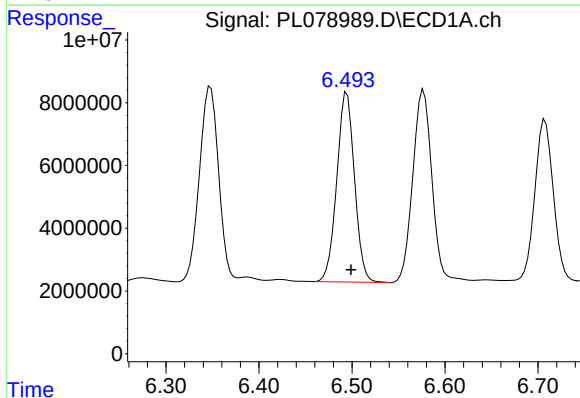
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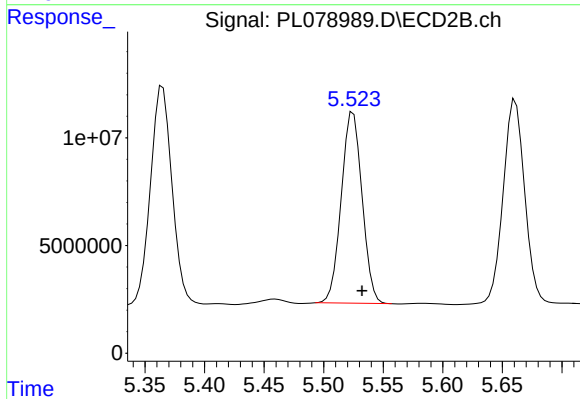
#15 Endosulfan II

R.T.: 5.661 min
Delta R.T.: -0.008 min
Response: 118263320
Conc: 51.95 ng/ml



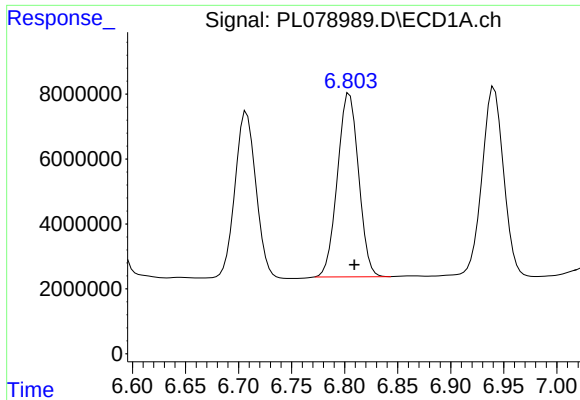
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 80025064
Conc: 48.00 ng/ml



#16 4,4'-DDD

R.T.: 5.523 min
Delta R.T.: -0.009 min
Response: 107817120
Conc: 49.09 ng/ml m



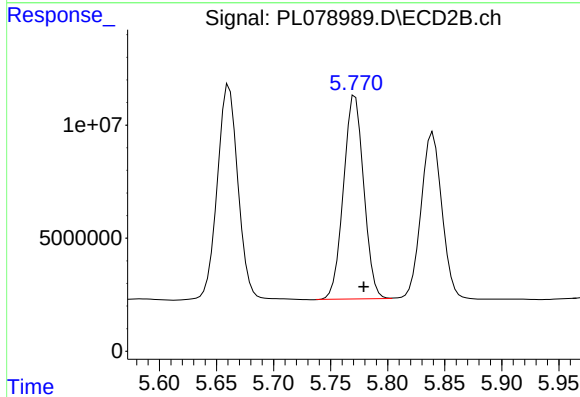
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: -0.005 min
Response: 78460925
Conc: 43.78 ng/ml

Instrument :
ECD_L
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72-11995MSD

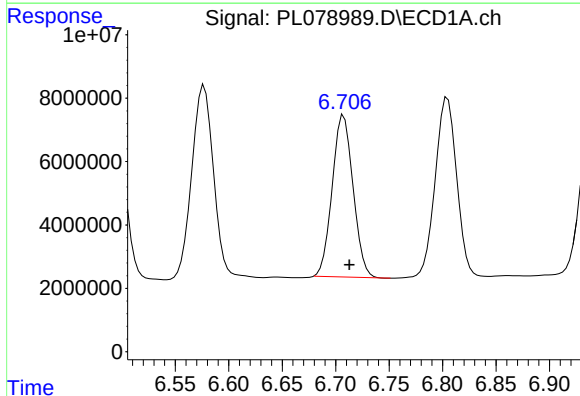
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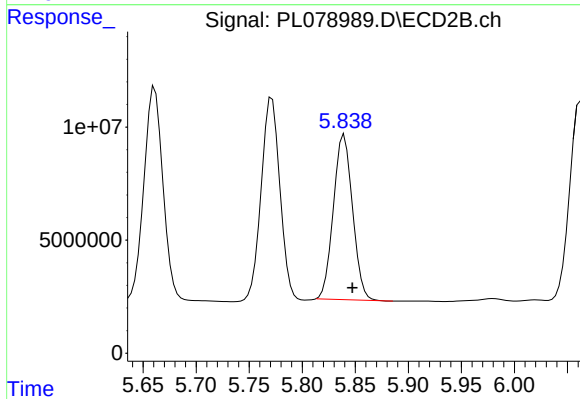
#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: -0.009 min
Response: 111148332
Conc: 51.24 ng/ml m



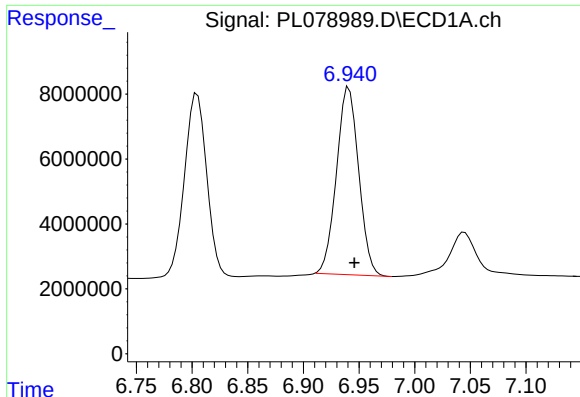
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.005 min
Response: 69319572
Conc: 47.64 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: -0.008 min
Response: 91598077
Conc: 48.81 ng/ml



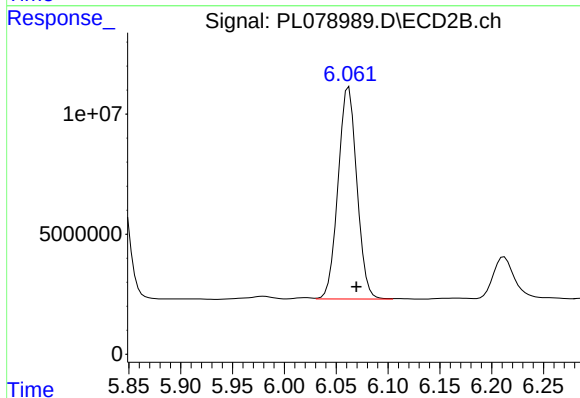
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.005 min
Response: 80059350
Conc: 43.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

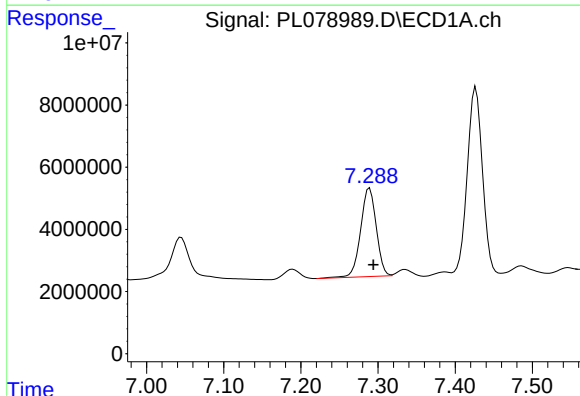
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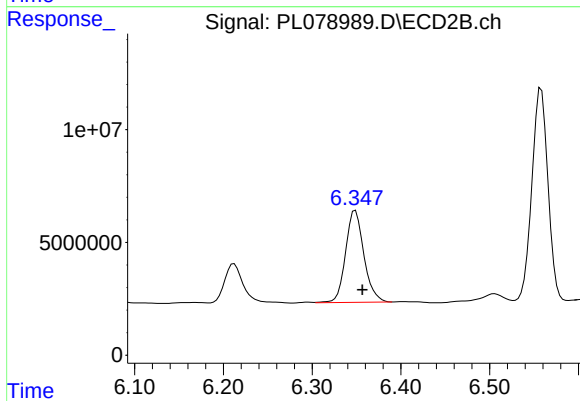
#19 Endosulfan Sulfate

R.T.: 6.062 min
Delta R.T.: -0.007 min
Response: 111491941
Conc: 46.84 ng/ml



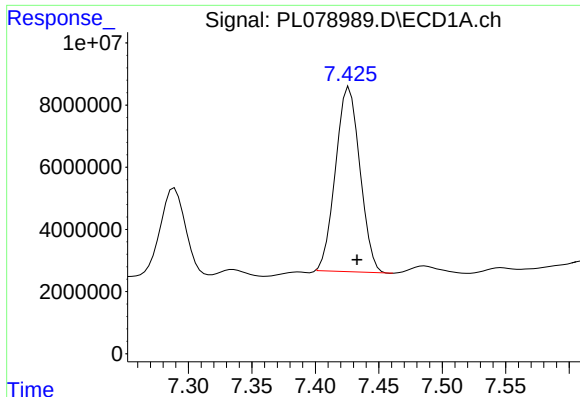
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 40179048
Conc: 43.63 ng/ml



#20 Methoxychlor

R.T.: 6.349 min
Delta R.T.: -0.008 min
Response: 58387170
Conc: 51.45 ng/ml



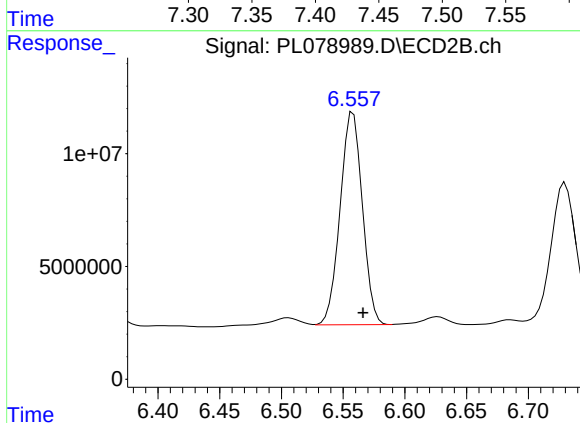
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: -0.006 min
Response: 79438845
Conc: 42.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

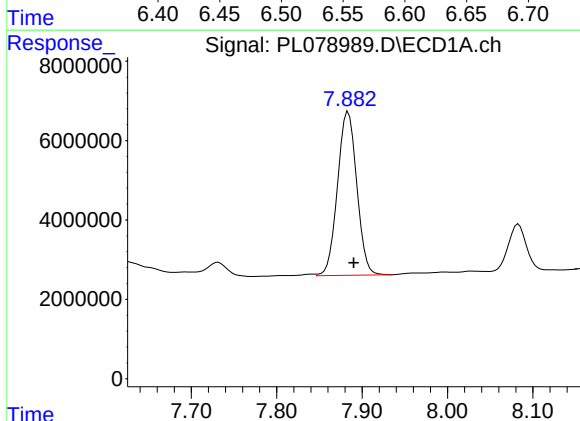
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



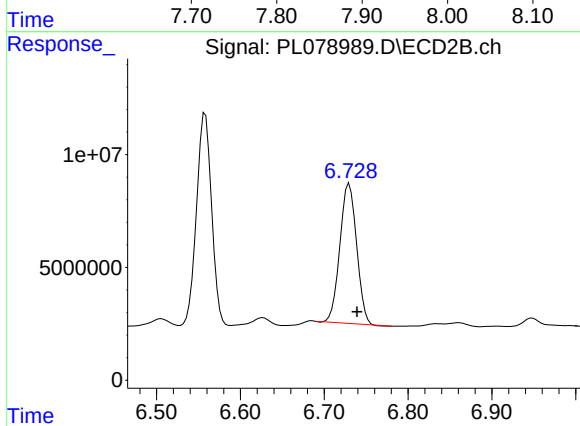
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 118205059
Conc: 45.73 ng/ml



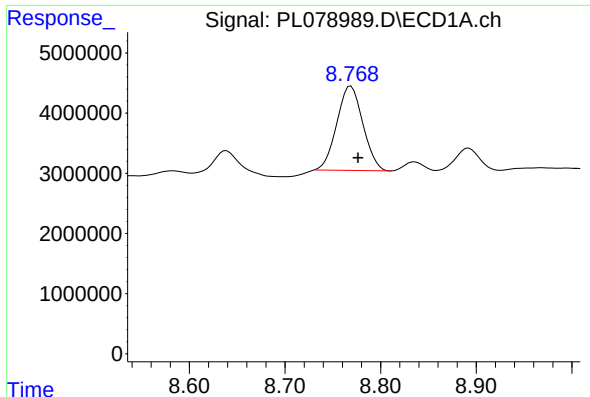
#22 Mirex

R.T.: 7.884 min
Delta R.T.: -0.007 min
Response: 64675502
Conc: 44.30 ng/ml



#22 Mirex

R.T.: 6.730 min
Delta R.T.: -0.009 min
Response: 85710889
Conc: 43.55 ng/ml



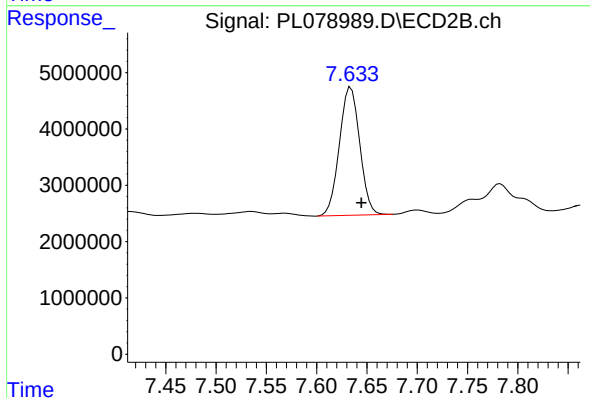
#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: -0.008 min
Response: 26544651
Conc: 17.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

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#28 Decachlorobiphenyl

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 31951152
Conc: 16.87 ng/ml