

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072223\
 Data File : PL084103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 16:10
 Operator : AR\AJ
 Sample : PB154321BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB154321BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/21/2023
 Supervised By : Ankita Jodhani 07/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:38:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 2023
 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...	3.484	2.689	34565739	17531517	17.284	15.786
28)	SA Decachlor...	9.032	7.874	26379393	21170388	20.266	19.053
Target Compounds							
2)	A alpha-BHC	3.942	3.195	141.9E6	72187329	48.447	44.896
3)	MA gamma-BHC...	4.276	3.526	130.8E6	67048945	46.289	44.091
4)	MA Heptachlor	4.868	3.868	145.5E6	64879056	53.555	55.053
5)	MB Aldrin	5.211	4.148	134.0E6	64877764	46.774	43.027
6)	B beta-BHC	4.475	3.828	56783367	29855758	47.326	45.232
7)	B delta-BHC	4.722	4.057	130.4E6	67725941	48.930	44.773
8)	B Heptachlo...	5.640	4.655	126.3E6	59569038	47.304	46.387
9)	A Endosulfan I	6.025	5.025	112.9E6	56965767	47.664	46.445
10)	B gamma-Chl...	5.897	4.908	122.7E6	61830149	47.526	46.413
11)	B alpha-Chl...	5.977	4.972	120.5E6	61454032	47.413	45.618
12)	B 4,4'-DDE	6.155	5.171	100.9E6	57101967	50.150	46.487
13)	MA Dieldrin	6.302	5.292	109.8E6	59810821	45.964	45.925
14)	MA Endrin	6.530	5.567	89927893	52609427	47.220m	47.860
15)	B Endosulfa...	6.750	5.865	85569488	51174272	45.654m	44.525
16)	A 4,4'-DDD	6.673	5.729	76490964	49379049	52.087	51.472
17)	MA 4,4'-DDT	6.990	5.980	79326213	50341531	49.741	55.272
18)	B Endrin al...	6.883	6.047	69101657	42728340	47.165	47.532
19)	B Endosulfa...	7.117	6.271	86094953	53452016	49.803m	48.636
20)	A Methoxychlor	7.469	6.565	39513747	27087171	50.515m	56.521
21)	B Endrin ke...	7.603	6.777	81920293	64667689	46.746	50.049
22)	Mirex	8.078	6.958	67460748	49658913	47.144	48.653

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072223\
 Data File : PL084103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 16:10
 Operator : AR\AJ
 Sample : PB154321BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

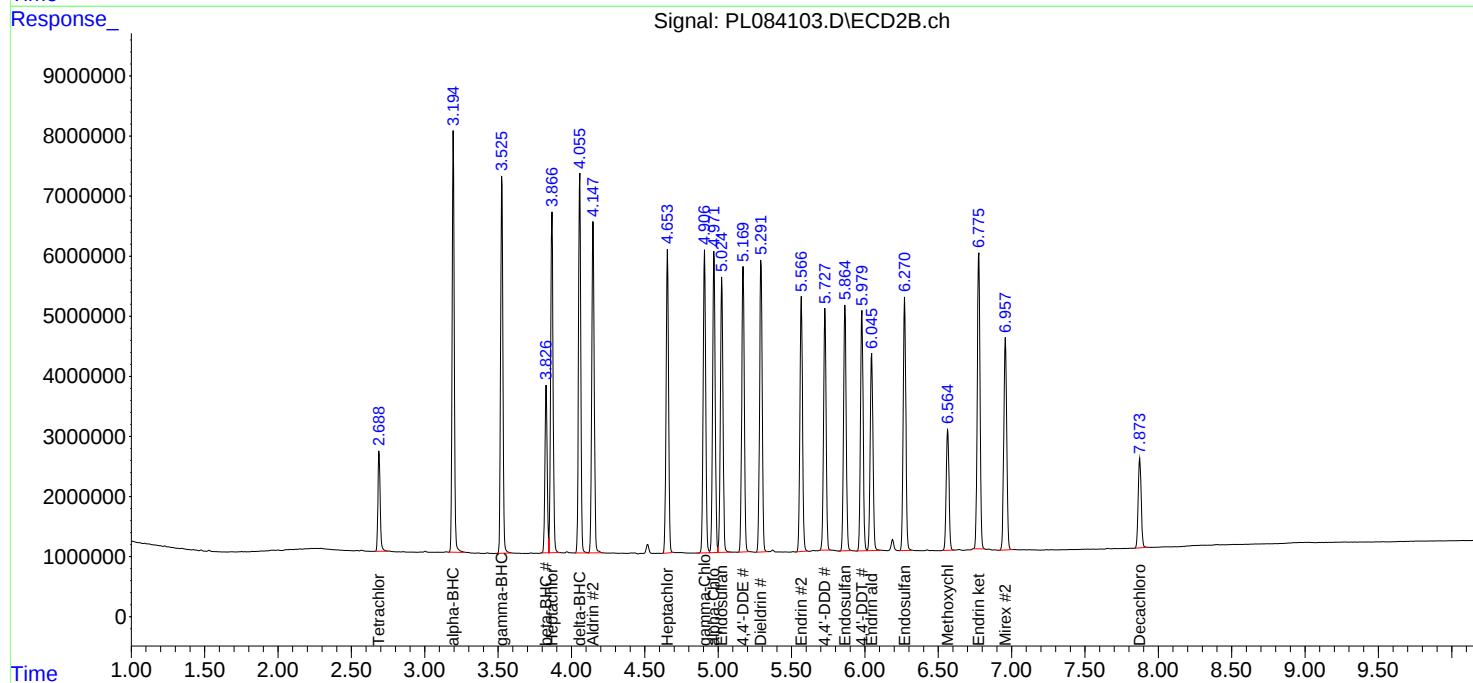
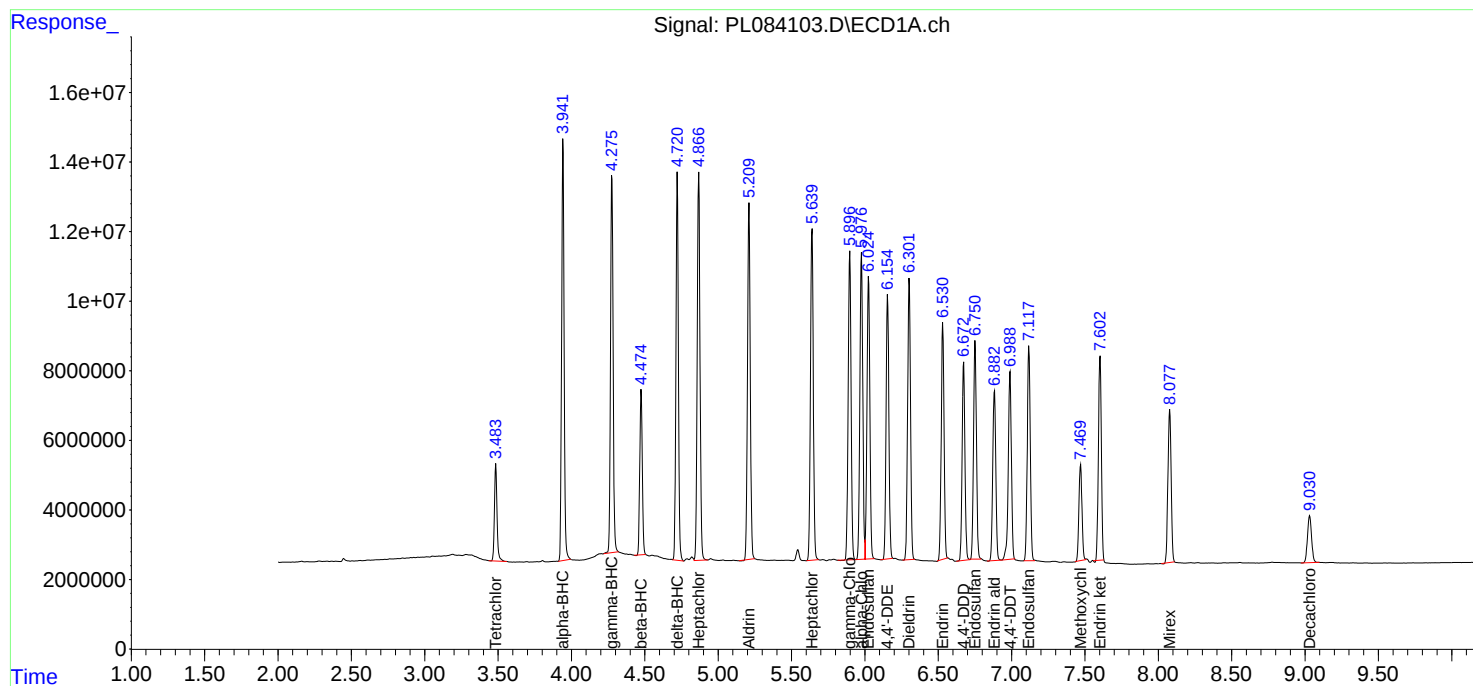
Instrument :
 ECD_L
 ClientSampleId :
 PB154321BSD

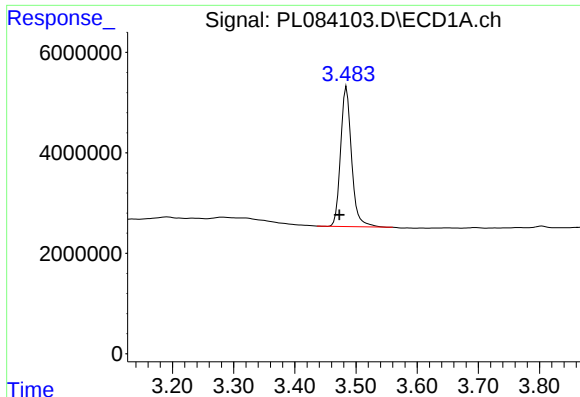
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/21/2023
 Supervised By :Ankita Jodhani 07/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:38:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 2023
 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





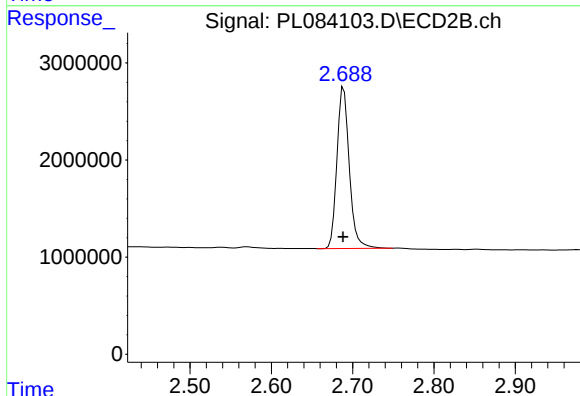
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: 0.011 min
Response: 34565739
Conc: 17.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

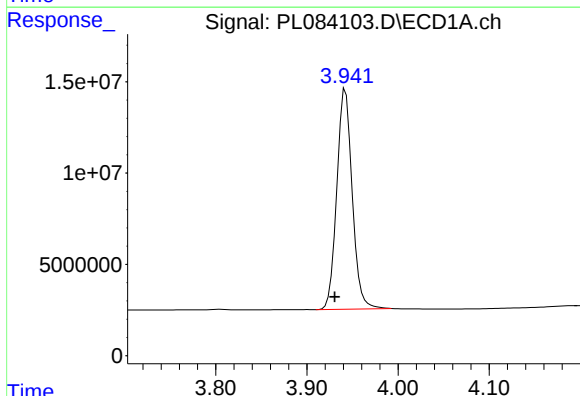
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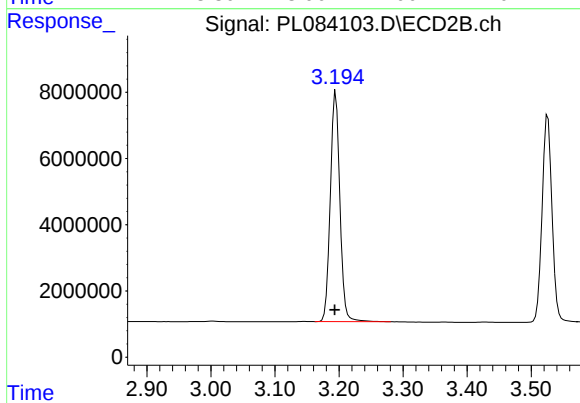
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 17531517
Conc: 15.79 ng/ml



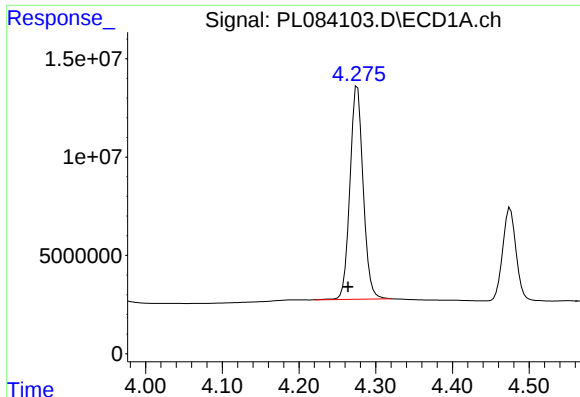
#2 alpha-BHC

R.T.: 3.942 min
Delta R.T.: 0.012 min
Response: 141939428
Conc: 48.45 ng/ml



#2 alpha-BHC

R.T.: 3.195 min
Delta R.T.: 0.002 min
Response: 72187329
Conc: 44.90 ng/ml



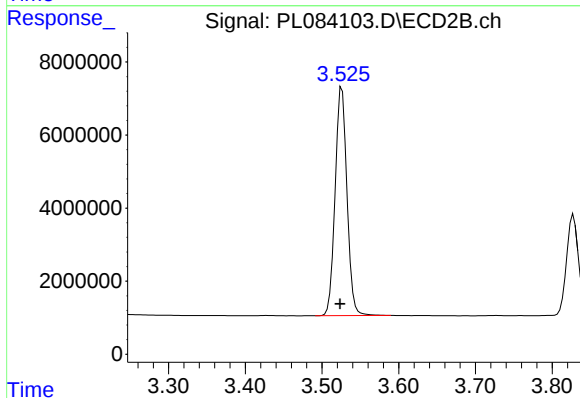
#3 gamma-BHC (Lindane)

R.T.: 4.276 min
Delta R.T.: 0.012 min
Response: 130782022
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

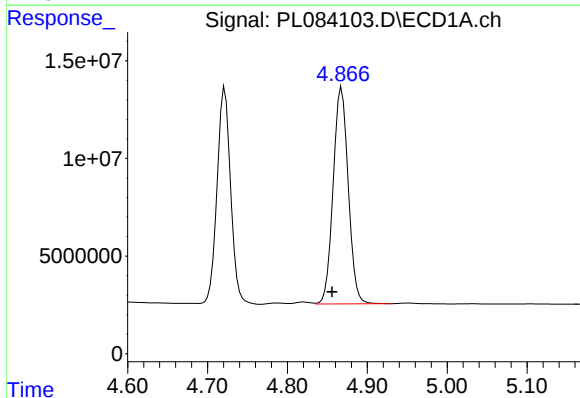
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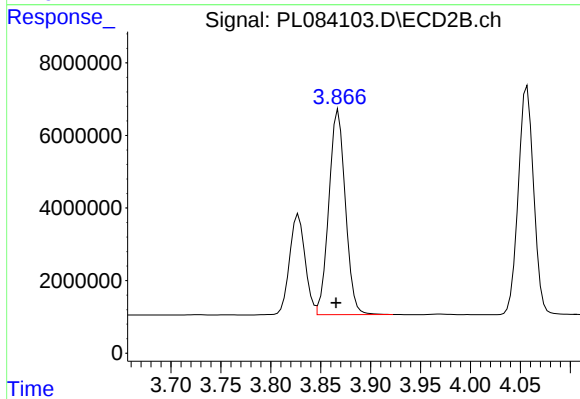
#3 gamma-BHC (Lindane)

R.T.: 3.526 min
Delta R.T.: 0.002 min
Response: 67048945
Conc: 44.09 ng/ml



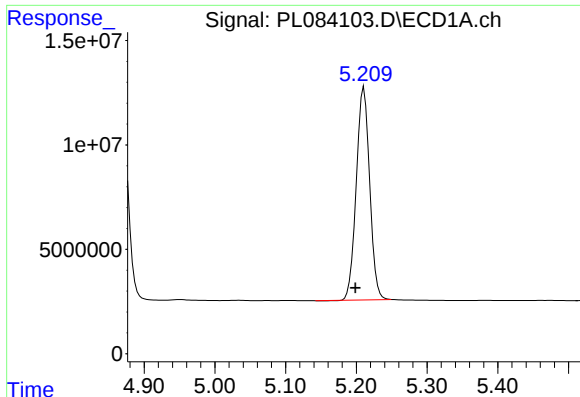
#4 Heptachlor

R.T.: 4.868 min
Delta R.T.: 0.012 min
Response: 145539662
Conc: 53.55 ng/ml



#4 Heptachlor

R.T.: 3.868 min
Delta R.T.: 0.002 min
Response: 64879056
Conc: 55.05 ng/ml



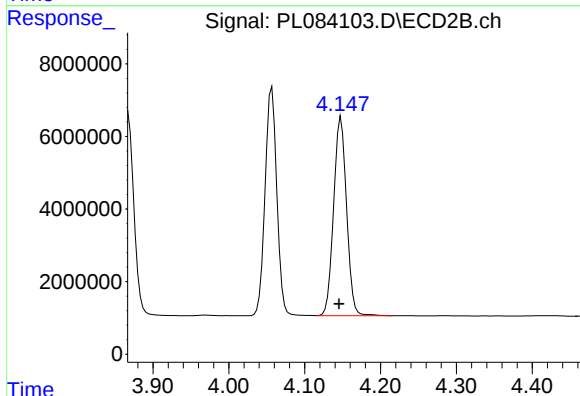
#5 Aldrin

R.T.: 5.211 min
Delta R.T.: 0.012 min
Response: 133970695
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

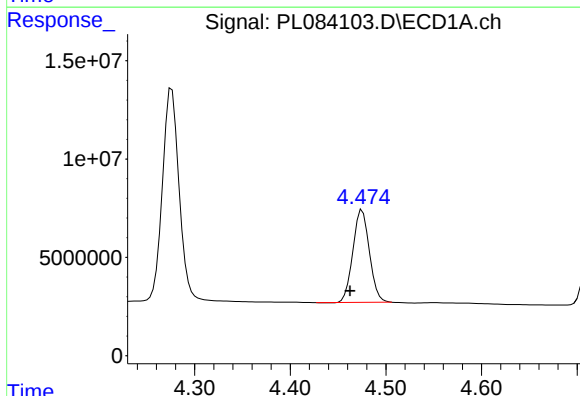
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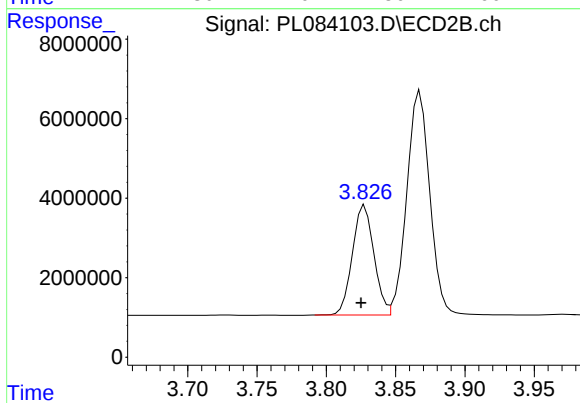
#5 Aldrin

R.T.: 4.148 min
Delta R.T.: 0.002 min
Response: 64877764
Conc: 43.03 ng/ml



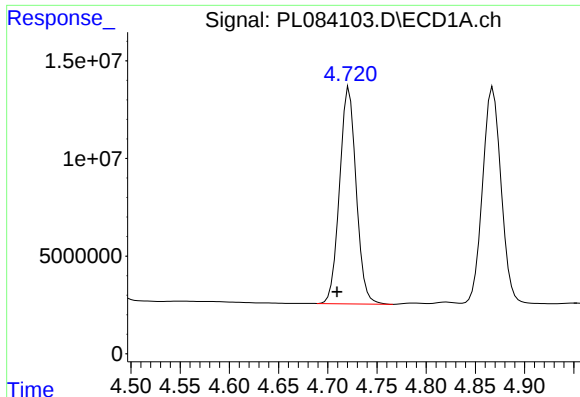
#6 beta-BHC

R.T.: 4.475 min
Delta R.T.: 0.013 min
Response: 56783367
Conc: 47.33 ng/ml



#6 beta-BHC

R.T.: 3.828 min
Delta R.T.: 0.003 min
Response: 29855758
Conc: 45.23 ng/ml



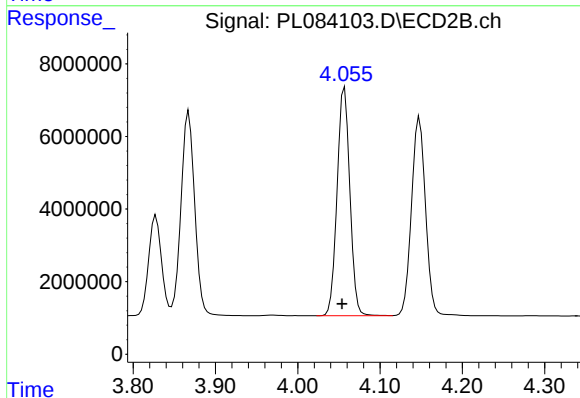
#7 delta-BHC

R.T.: 4.722 min
Delta R.T.: 0.012 min
Response: 130436567
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

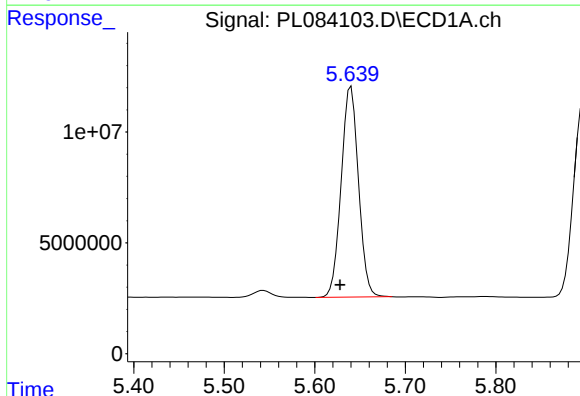
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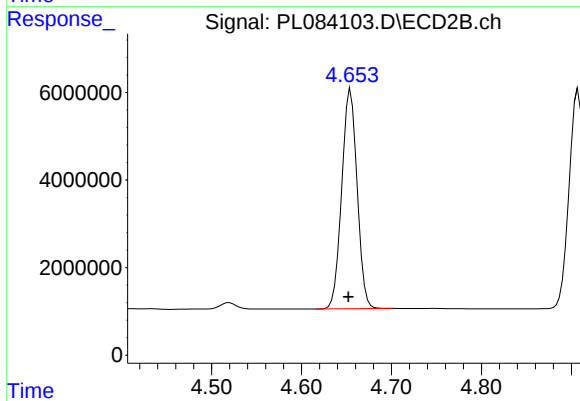
#7 delta-BHC

R.T.: 4.057 min
Delta R.T.: 0.003 min
Response: 67725941
Conc: 44.77 ng/ml



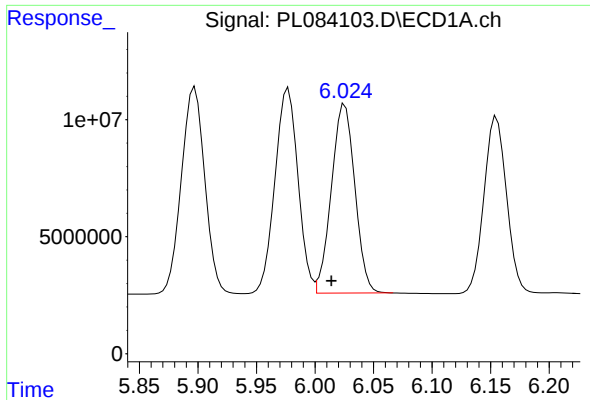
#8 Heptachlor epoxide

R.T.: 5.640 min
Delta R.T.: 0.012 min
Response: 126282367
Conc: 47.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.655 min
Delta R.T.: 0.002 min
Response: 59569038
Conc: 46.39 ng/ml



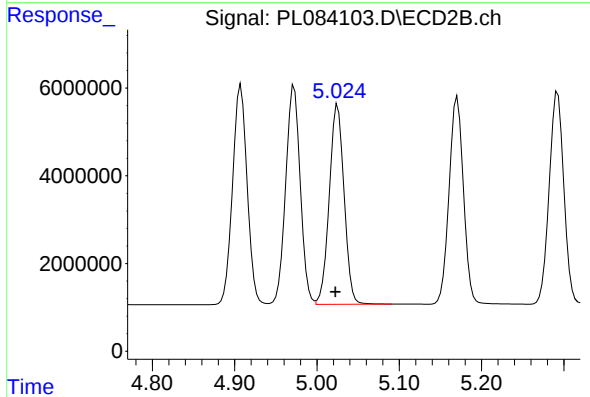
#9 Endosulfan I

R.T.: 6.025 min
Delta R.T.: 0.012 min
Response: 112878241
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

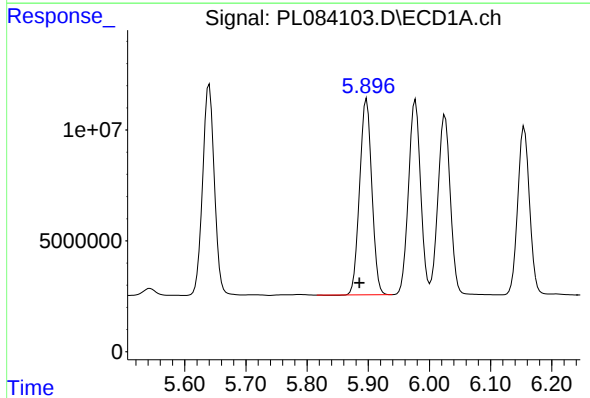
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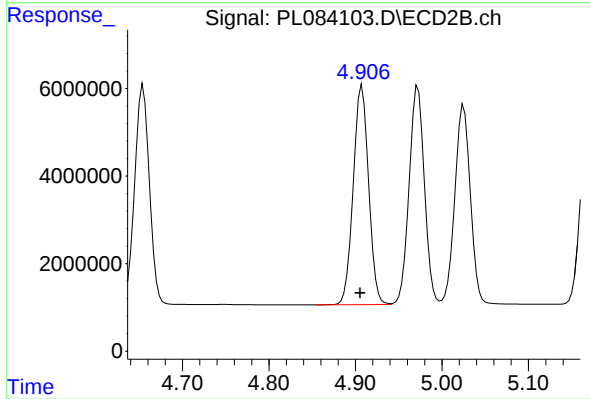
#9 Endosulfan I

R.T.: 5.025 min
Delta R.T.: 0.003 min
Response: 56965767
Conc: 46.44 ng/ml



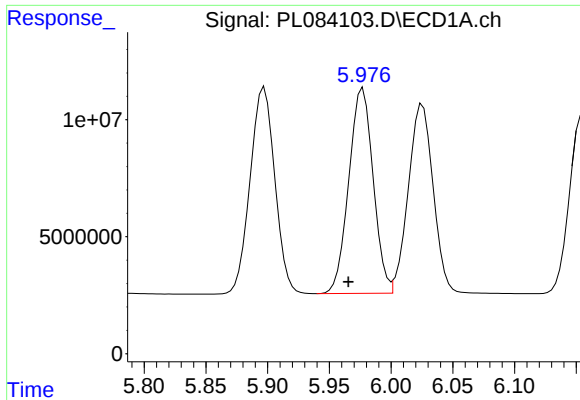
#10 gamma-Chlordane

R.T.: 5.897 min
Delta R.T.: 0.012 min
Response: 122710098
Conc: 47.53 ng/ml



#10 gamma-Chlordane

R.T.: 4.908 min
Delta R.T.: 0.002 min
Response: 61830149
Conc: 46.41 ng/ml



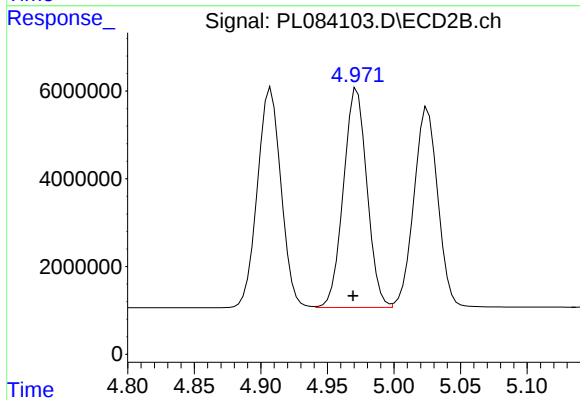
#11 alpha-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.012 min
Response: 120527431
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

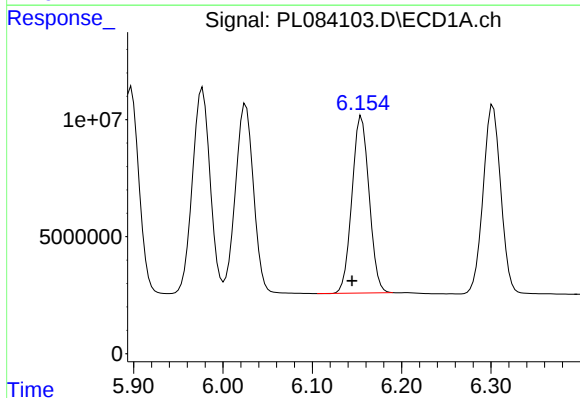
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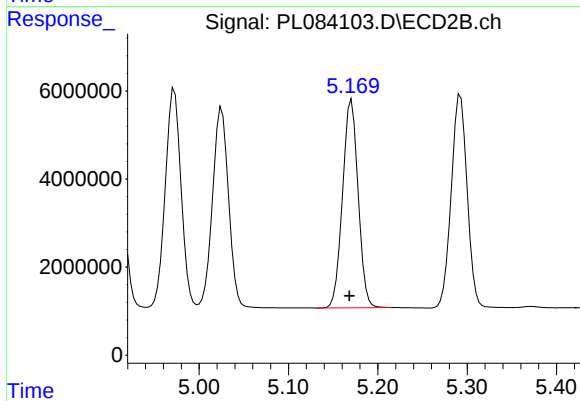
#11 alpha-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.003 min
Response: 61454032
Conc: 45.62 ng/ml



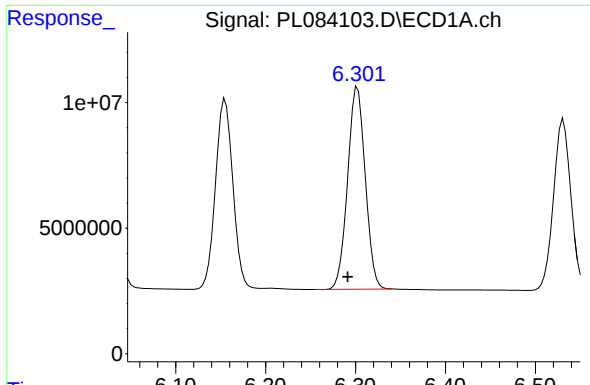
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: 0.011 min
Response: 100901854
Conc: 50.15 ng/ml



#12 4,4'-DDE

R.T.: 5.171 min
Delta R.T.: 0.003 min
Response: 57101967
Conc: 46.49 ng/ml



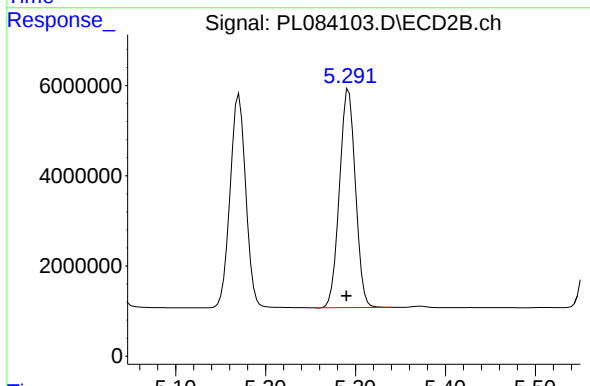
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: 0.011 min
Response: 109834193
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

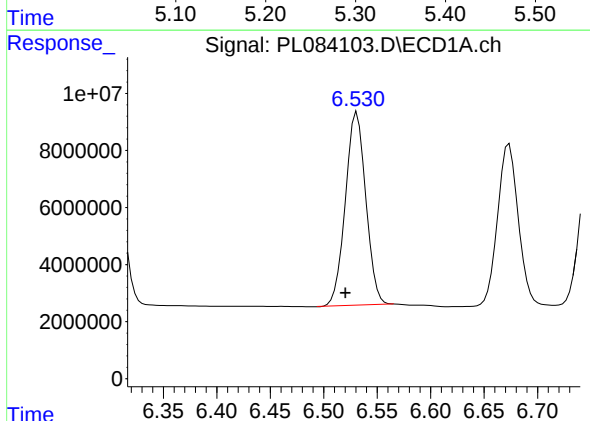
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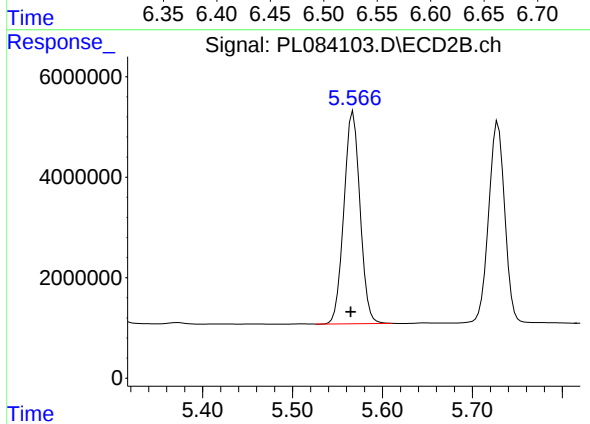
#13 Dieldrin

R.T.: 5.292 min
Delta R.T.: 0.003 min
Response: 59810821
Conc: 45.93 ng/ml



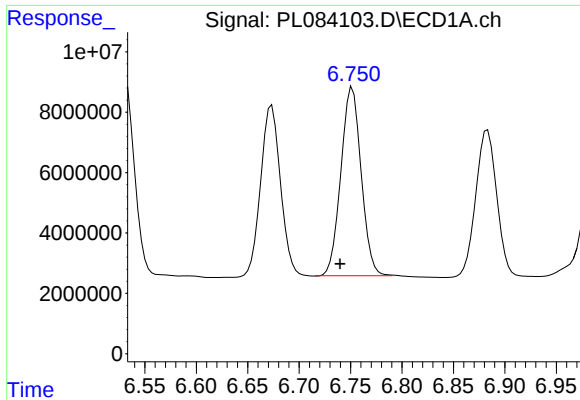
#14 Endrin

R.T.: 6.530 min
Delta R.T.: 0.010 min
Response: 89927893
Conc: 47.22 ng/ml m



#14 Endrin

R.T.: 5.567 min
Delta R.T.: 0.003 min
Response: 52609427
Conc: 47.86 ng/ml



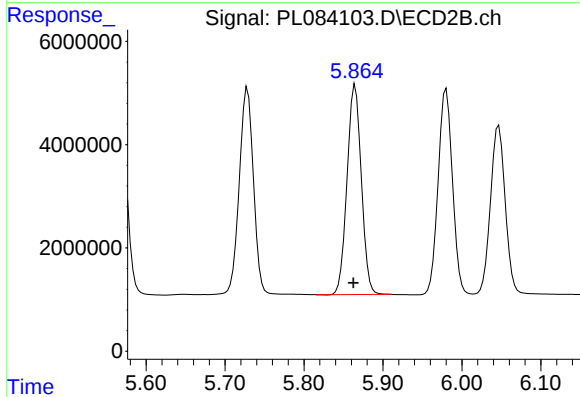
#15 Endosulfan II

R.T.: 6.750 min
Delta R.T.: 0.011 min
Response: 85569488
Conc: 45.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

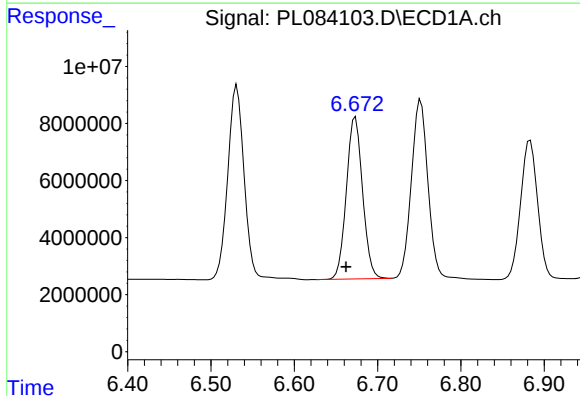
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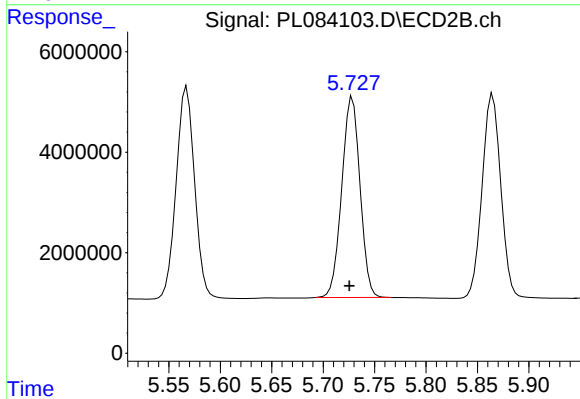
#15 Endosulfan II

R.T.: 5.865 min
Delta R.T.: 0.002 min
Response: 51174272
Conc: 44.52 ng/ml



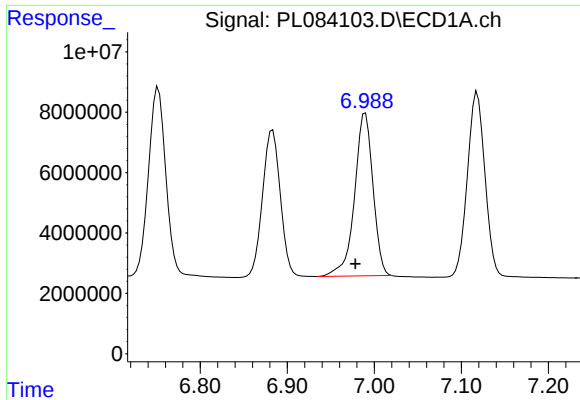
#16 4,4'-DDD

R.T.: 6.673 min
Delta R.T.: 0.011 min
Response: 76490964
Conc: 52.09 ng/ml



#16 4,4'-DDD

R.T.: 5.729 min
Delta R.T.: 0.003 min
Response: 49379049
Conc: 51.47 ng/ml



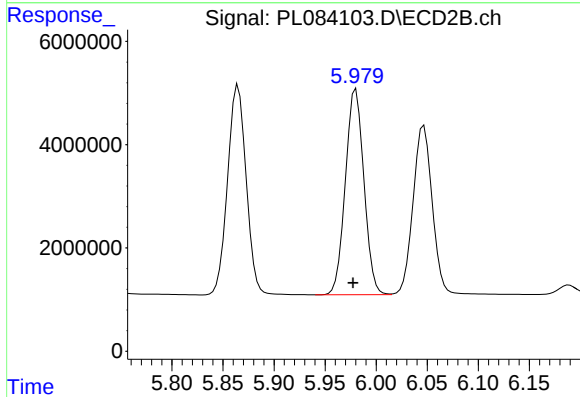
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: 0.011 min
Response: 79326213
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

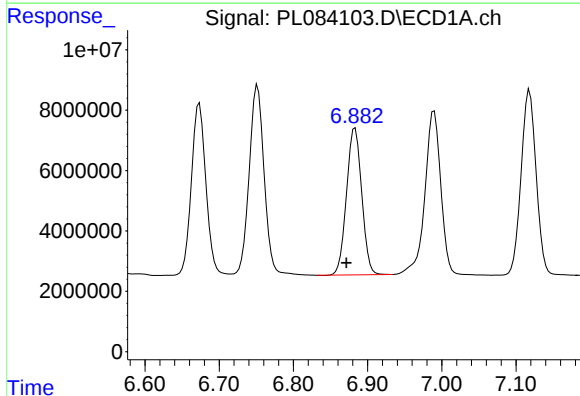
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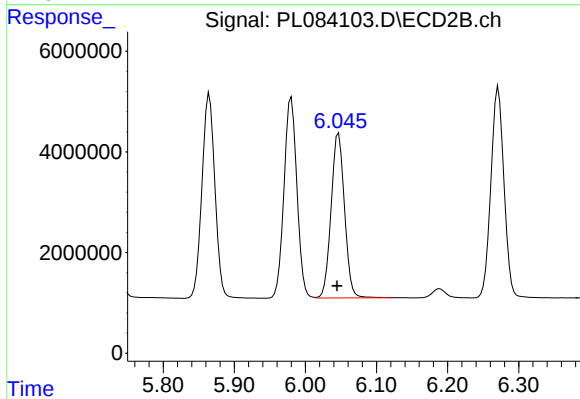
#17 4,4'-DDT

R.T.: 5.980 min
Delta R.T.: 0.003 min
Response: 50341531
Conc: 55.27 ng/ml



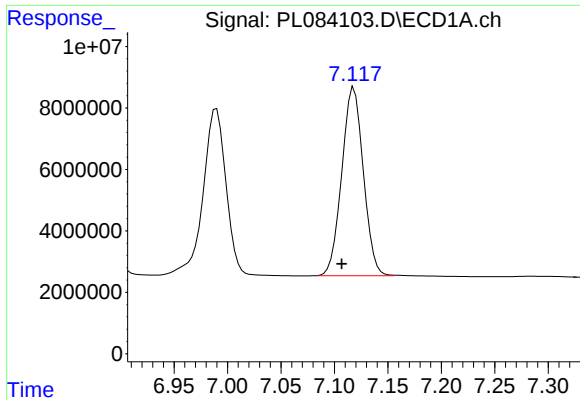
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.012 min
Response: 69101657
Conc: 47.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.047 min
Delta R.T.: 0.003 min
Response: 42728340
Conc: 47.53 ng/ml



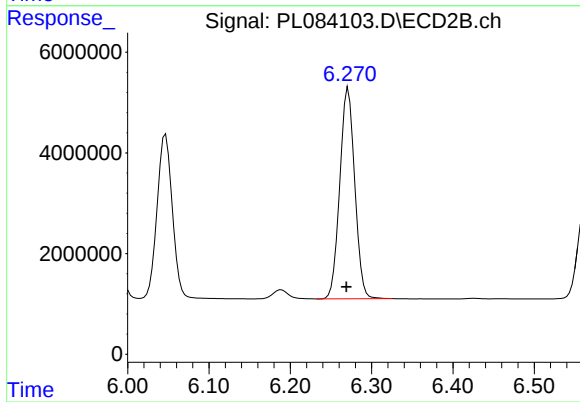
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.010 min
Response: 86094953
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

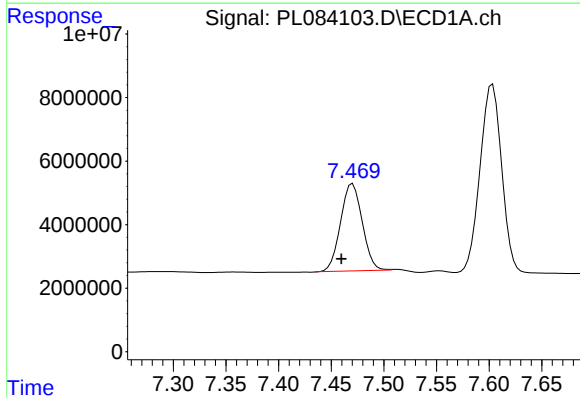
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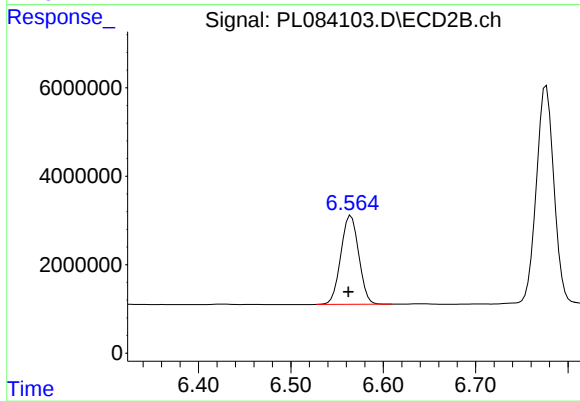
#19 Endosulfan Sulfate

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 53452016
Conc: 48.64 ng/ml



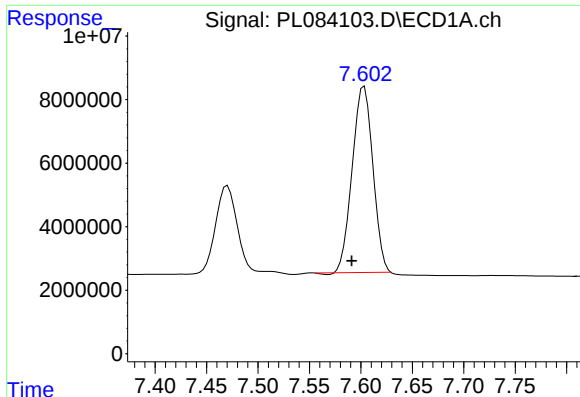
#20 Methoxychlor

R.T.: 7.469 min
Delta R.T.: 0.010 min
Response: 39513747
Conc: 50.51 ng/ml m



#20 Methoxychlor

R.T.: 6.565 min
Delta R.T.: 0.003 min
Response: 27087171
Conc: 56.52 ng/ml



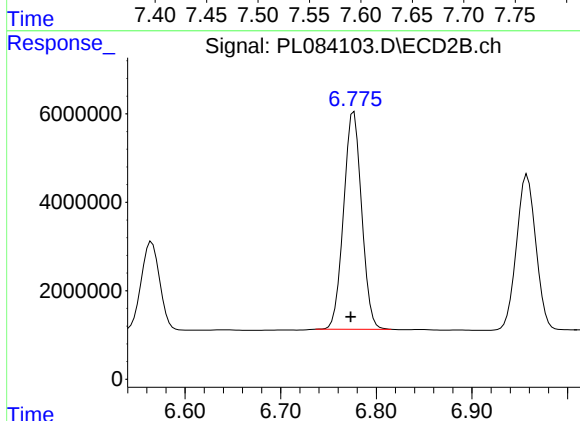
#21 Endrin ketone

R.T.: 7.603 min
Delta R.T.: 0.012 min
Response: 81920293
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

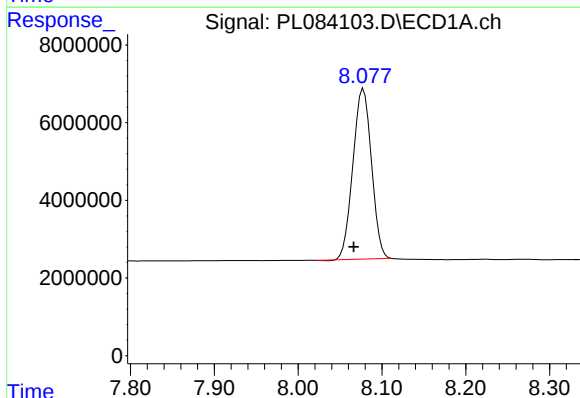
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2023
Supervised By :Ankita Jodhani 07/21/2023



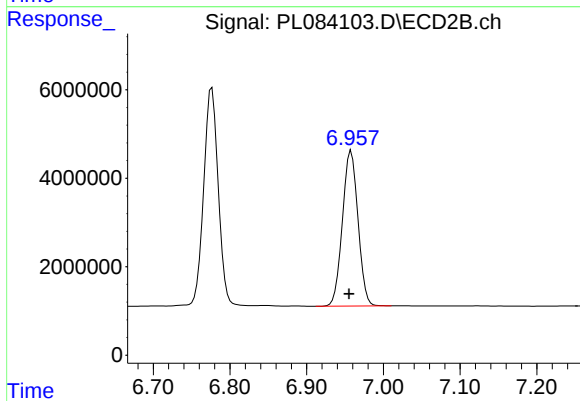
#21 Endrin ketone

R.T.: 6.777 min
Delta R.T.: 0.003 min
Response: 64667689
Conc: 50.05 ng/ml



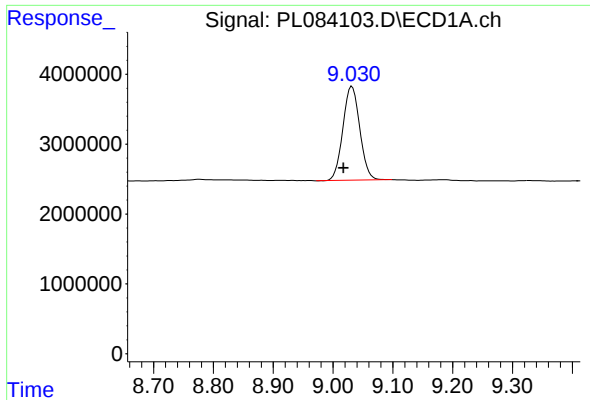
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.012 min
Response: 67460748
Conc: 47.14 ng/ml



#22 Mirex

R.T.: 6.958 min
Delta R.T.: 0.003 min
Response: 49658913
Conc: 48.65 ng/ml



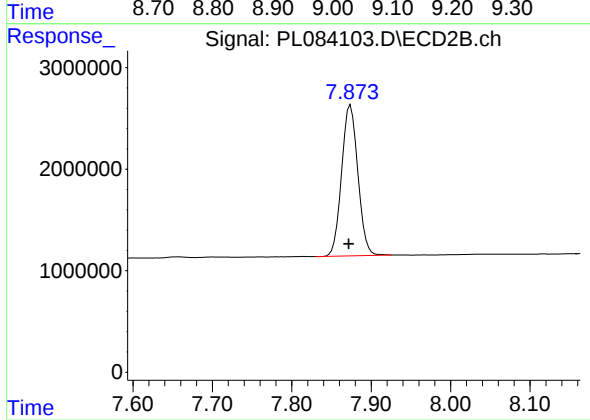
#28 Decachlorobiphenyl

R.T.: 9.032 min
Delta R.T.: 0.014 min
Response: 26379393
Conc: 20.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154321BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.874 min
Delta R.T.: 0.002 min
Response: 21170388
Conc: 19.05 ng/ml