

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
 Data File : PL082767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2023 17:43
 Operator : AR\AJ
 Sample : PB152845BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152845BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/18/2023
 Supervised By : Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 21:27:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.324	2.639	59451892	49074810	22.257	21.183
28)	SA Decachlor...	8.742	7.750	47672368	50904587	24.971	22.302
Target Compounds							
2)	A alpha-BHC	3.773	3.135	215.7E6	170.0E6	54.205	49.958
3)	MA gamma-BHC...	4.101	3.461	200.4E6	159.7E6	53.589	49.668m
4)	MA Heptachlor	4.679	3.792	194.0E6	157.5E6	53.097	46.022m
5)	MB Aldrin	5.016	4.071	181.1E6	156.8E6	54.923	49.782
6)	B beta-BHC	4.305	3.762	86076727	62611573	50.470	45.889m
7)	B delta-BHC	4.546	3.988	201.5E6	156.7E6	56.013	51.079
8)	B Heptachlo...	5.442	4.572	166.9E6	139.1E6	54.713	48.282
9)	A Endosulfan I	5.823	4.939	152.3E6	132.6E6	54.934	49.687
10)	B gamma-Chl...	5.697	4.821	173.3E6	145.5E6	57.620	50.140
11)	B alpha-Chl...	5.774	4.884	166.2E6	143.5E6	55.690	49.450
12)	B 4,4'-DDE	5.953	5.075	147.5E6	120.9E6	58.035	52.581
13)	MA Dieldrin	6.098	5.202	157.7E6	136.4E6	57.142	50.498m
14)	MA Endrin	6.324	5.477	133.0E6	119.0E6	54.860	48.664m
15)	B Endosulfa...	6.547	5.775	129.2E6	116.6E6	53.061	51.740
16)	A 4,4'-DDD	6.469	5.630	122.9E6	105.2E6	60.650	56.240
17)	MA 4,4'-DDT	6.781	5.878	120.7E6	102.7E6	52.764	48.621
18)	B Endrin al...	6.677	5.955	105.4E6	94424947	55.925	50.457
19)	B Endosulfa...	6.910	6.178	127.8E6	119.5E6	53.900	50.779
20)	A Methoxychlor	7.261	6.457	62650852	58172068	51.339	48.003m
21)	B Endrin ke...	7.391	6.681	135.9E6	133.2E6	56.747	52.460m
22)	Mirex	7.855	6.852	99427365	105.4E6	50.824	45.734m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
Data File : PL082767.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2023 17:43
Operator : AR\AJ
Sample : PB152845BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

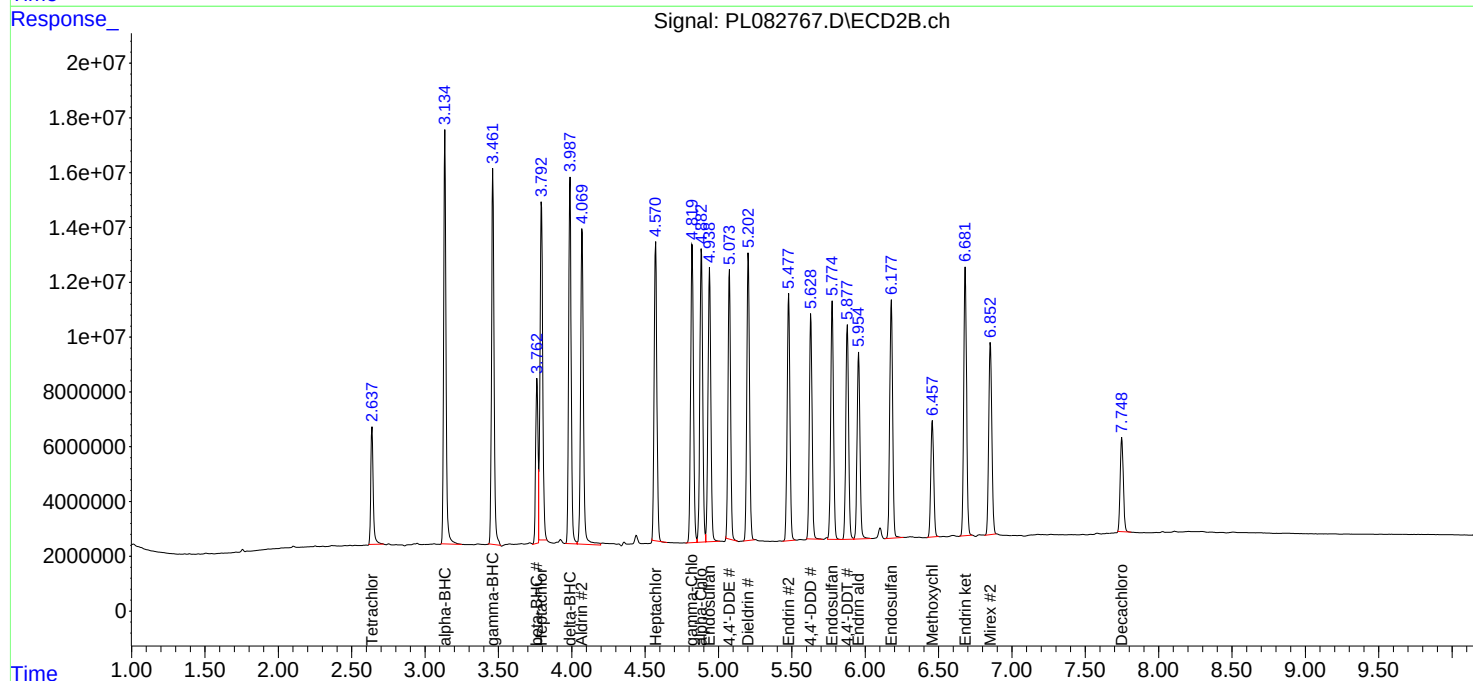
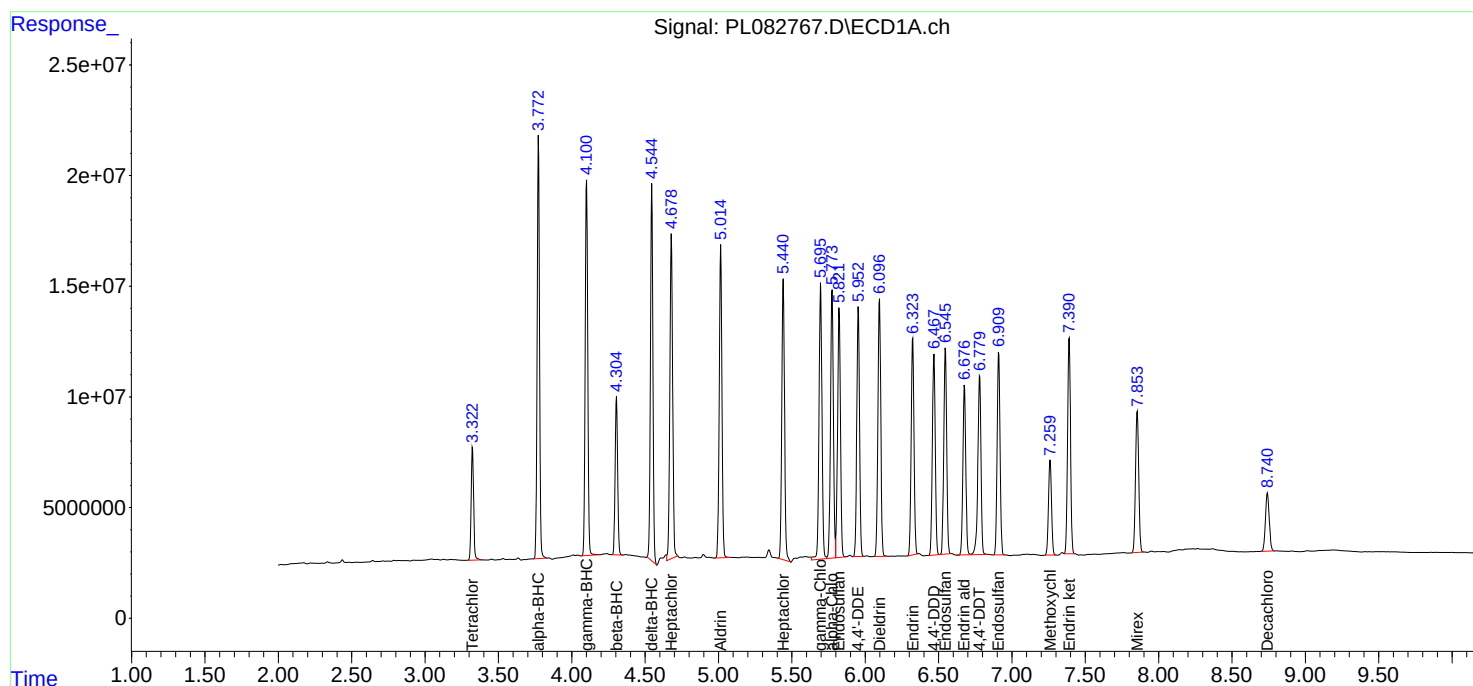
Instrument :
ECD_L
ClientSampleId :
PB152845BS

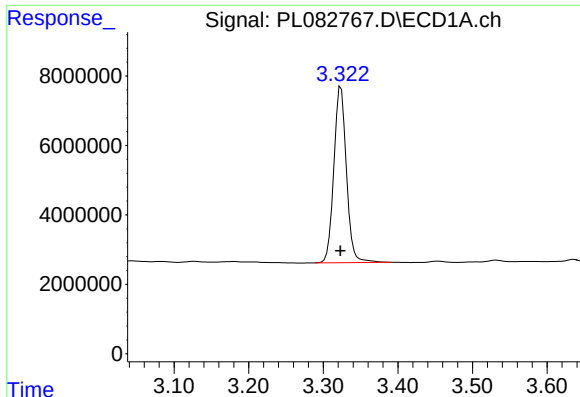
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/18/2023
Supervised By :Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 21:27:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





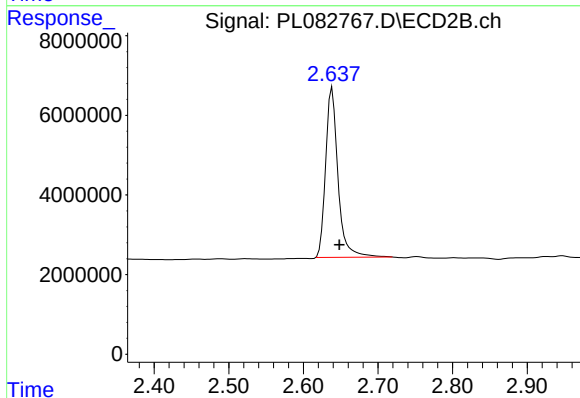
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 59451892
Conc: 22.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152845BS

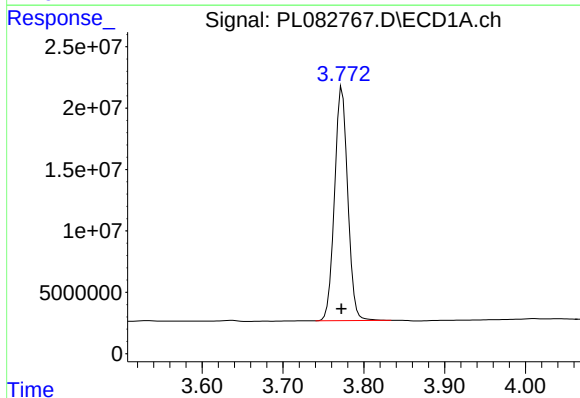
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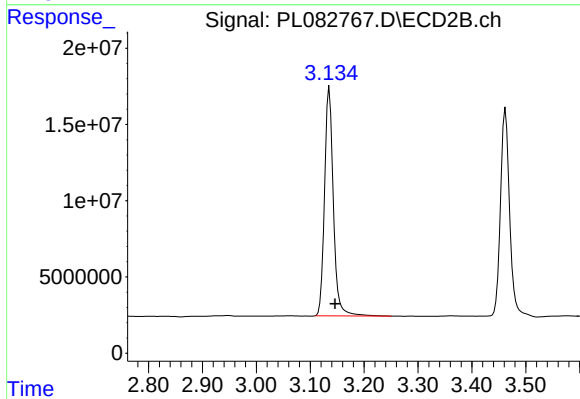
#1 Tetrachloro-m-xylene

R.T.: 2.639 min
Delta R.T.: -0.010 min
Response: 49074810
Conc: 21.18 ng/ml



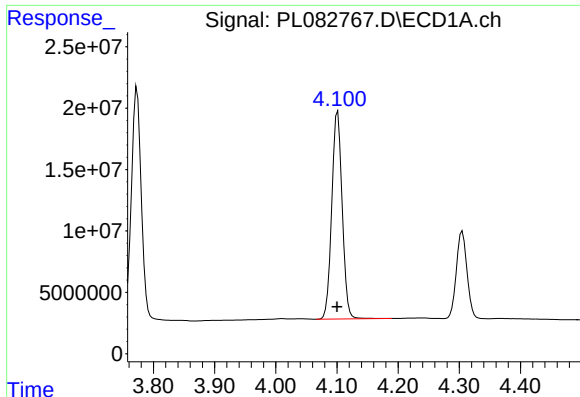
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 215749827
Conc: 54.21 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: -0.011 min
Response: 170032373
Conc: 49.96 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 200365689
Conc: 53.59 ng/ml

Instrument :

ECD_L

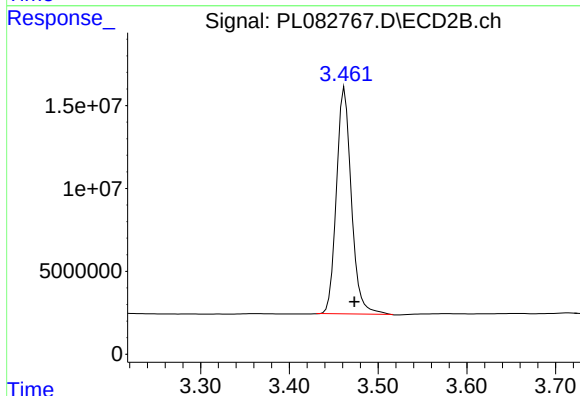
ClientSampleId :

PB152845BS

Manual Integrations

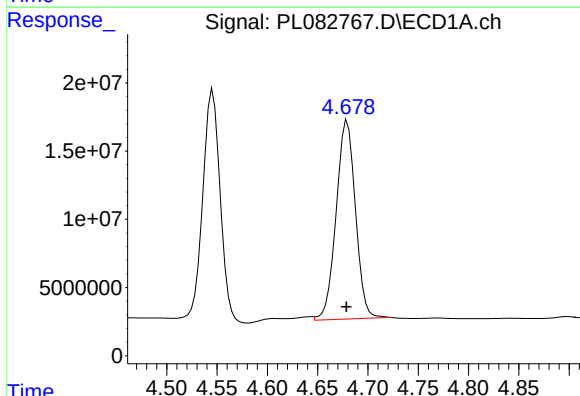
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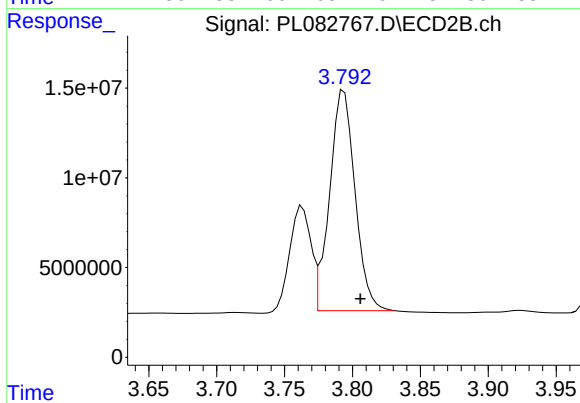
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: -0.013 min
Response: 159696587
Conc: 49.67 ng/ml m



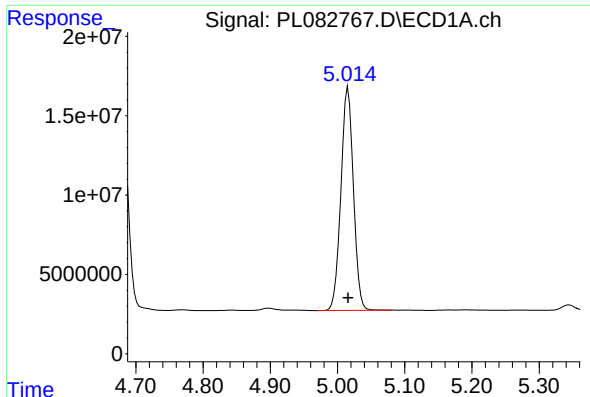
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 194014156
Conc: 53.10 ng/ml



#4 Heptachlor

R.T.: 3.792 min
Delta R.T.: -0.013 min
Response: 157545702
Conc: 46.02 ng/ml m



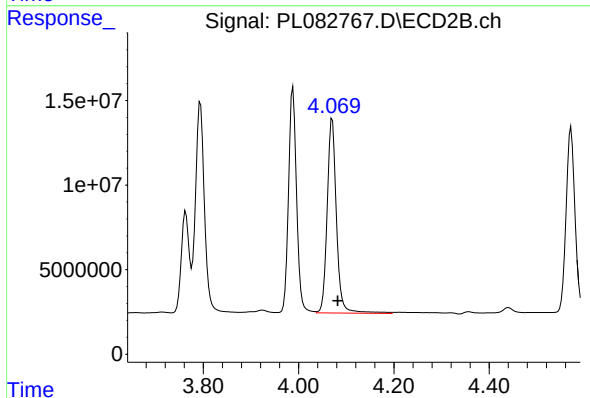
#5 Aldrin

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 181112516
Conc: 54.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152845BS

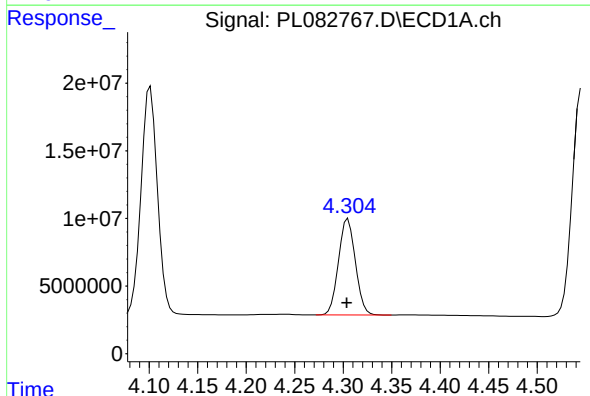
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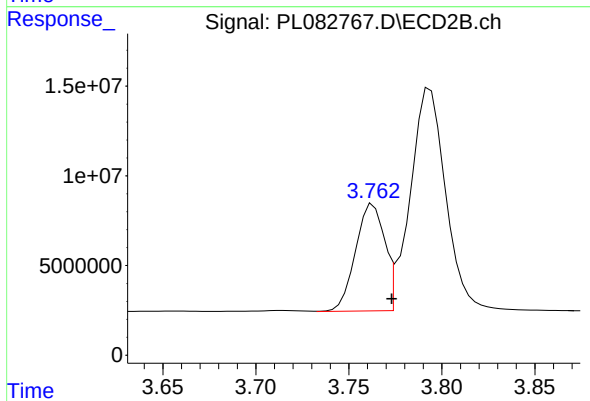
#5 Aldrin

R.T.: 4.071 min
Delta R.T.: -0.012 min
Response: 156807547
Conc: 49.78 ng/ml



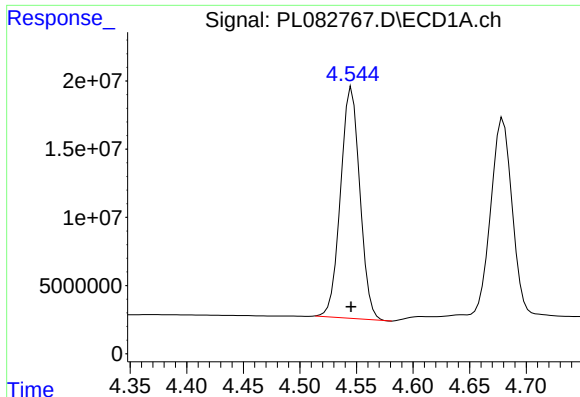
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: 0.001 min
Response: 86076727
Conc: 50.47 ng/ml



#6 beta-BHC

R.T.: 3.762 min
Delta R.T.: -0.011 min
Response: 62611573
Conc: 45.89 ng/ml m



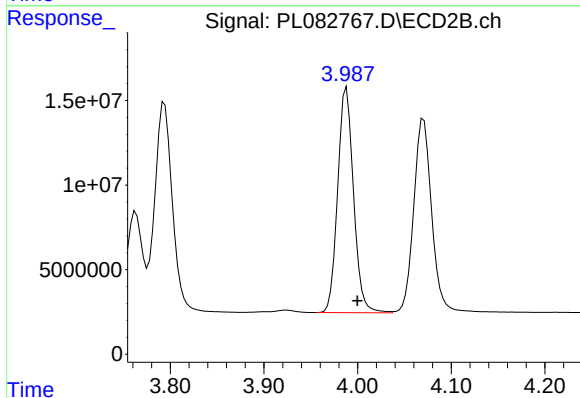
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 201520754
Conc: 56.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152845BS

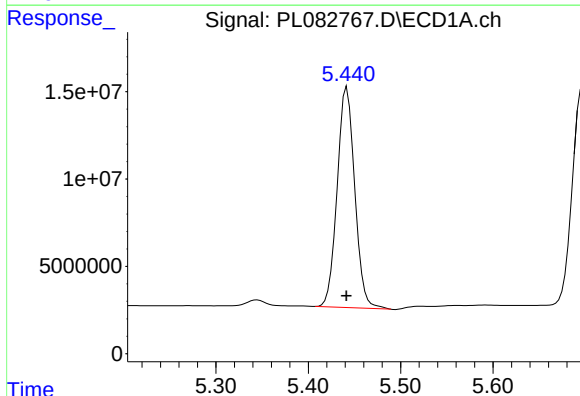
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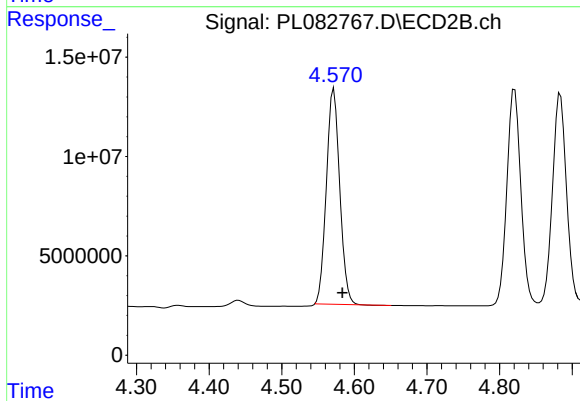
#7 delta-BHC

R.T.: 3.988 min
Delta R.T.: -0.011 min
Response: 156679294
Conc: 51.08 ng/ml



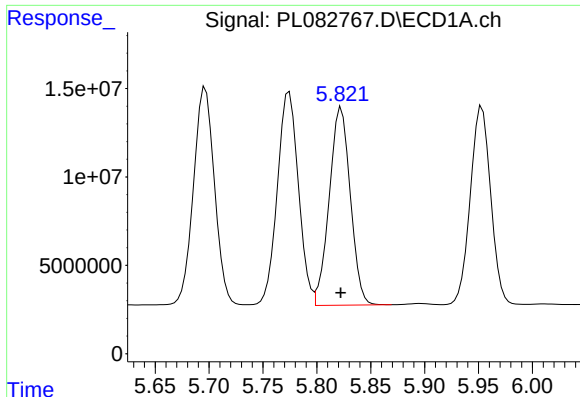
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 166892292
Conc: 54.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.572 min
Delta R.T.: -0.012 min
Response: 139094807
Conc: 48.28 ng/ml



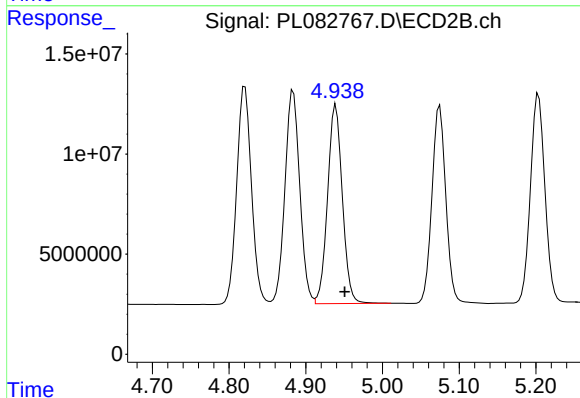
#9 Endosulfan I

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 152316510
Conc: 54.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152845BS

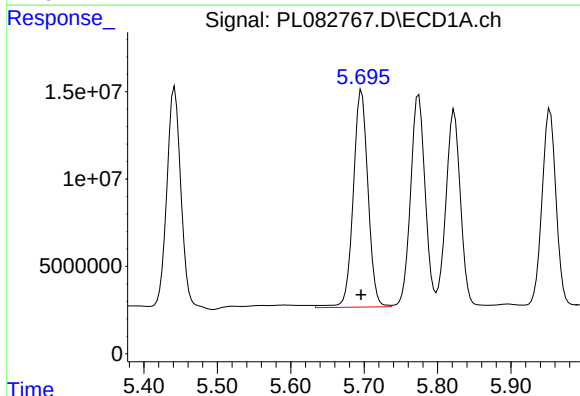
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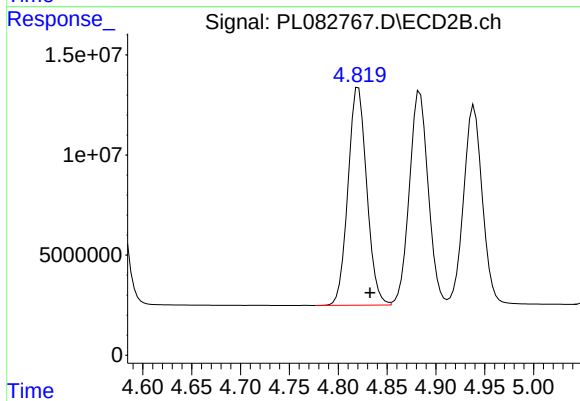
#9 Endosulfan I

R.T.: 4.939 min
Delta R.T.: -0.011 min
Response: 132637051
Conc: 49.69 ng/ml



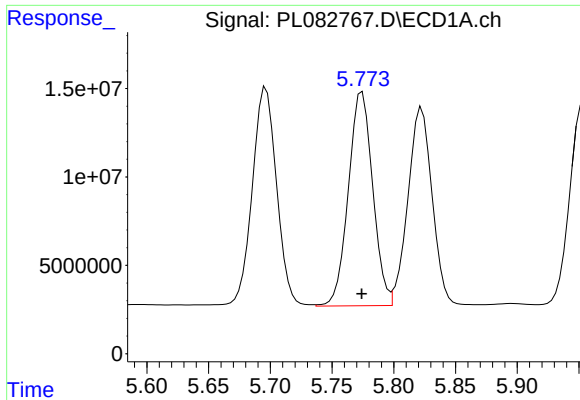
#10 gamma-Chlordane

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 173256373
Conc: 57.62 ng/ml



#10 gamma-Chlordane

R.T.: 4.821 min
Delta R.T.: -0.012 min
Response: 145499700
Conc: 50.14 ng/ml



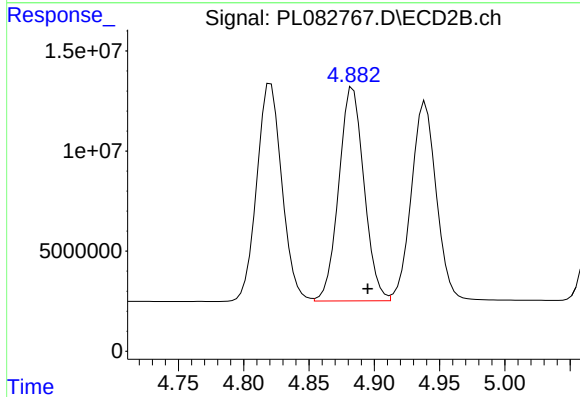
#11 alpha-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 166213268
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152845BS

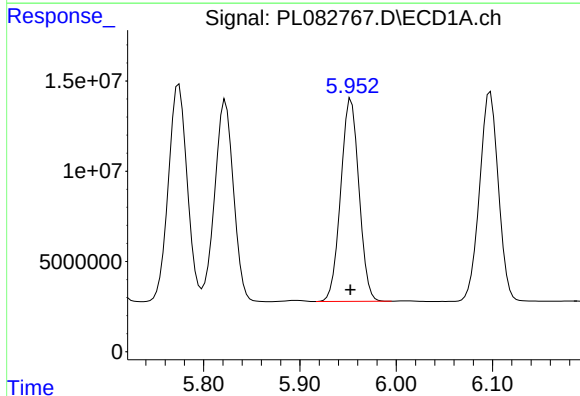
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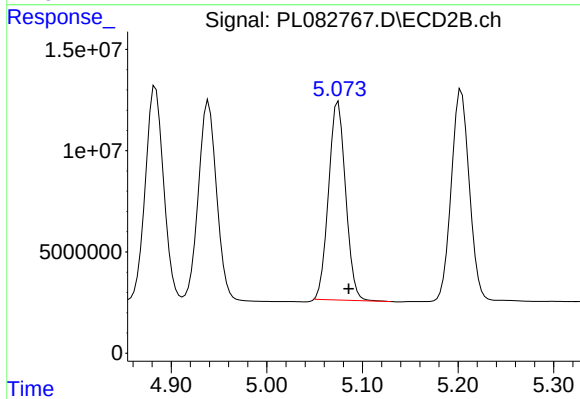
#11 alpha-Chlordane

R.T.: 4.884 min
Delta R.T.: -0.011 min
Response: 143544564
Conc: 49.45 ng/ml



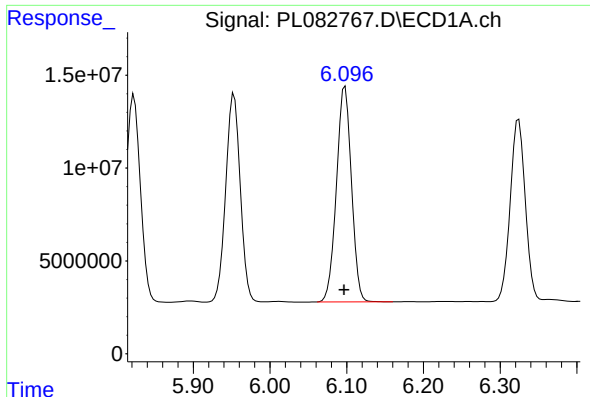
#12 4,4'-DDE

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 147526760
Conc: 58.03 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 120880716
Conc: 52.58 ng/ml



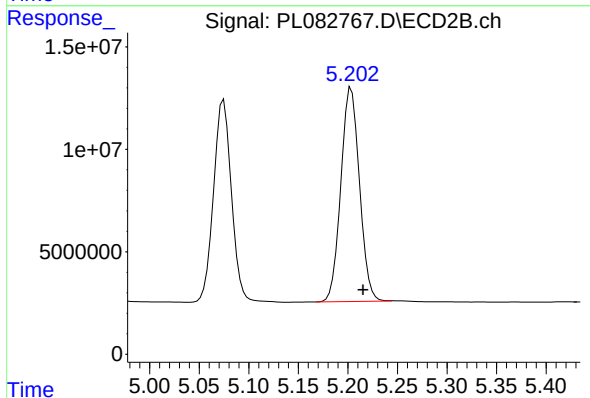
#13 Dieldrin

R.T.: 6.098 min
Delta R.T.: 0.001 min
Response: 157662199
Conc: 57.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152845BS

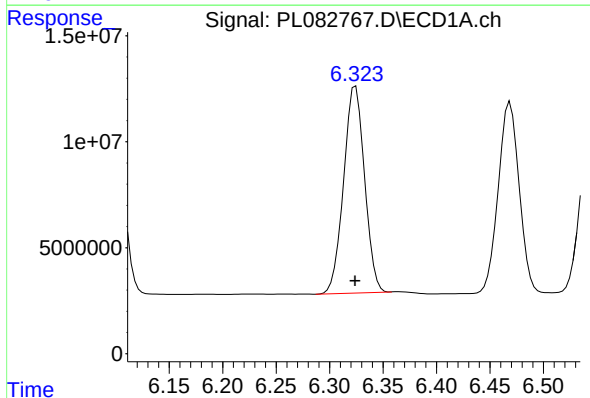
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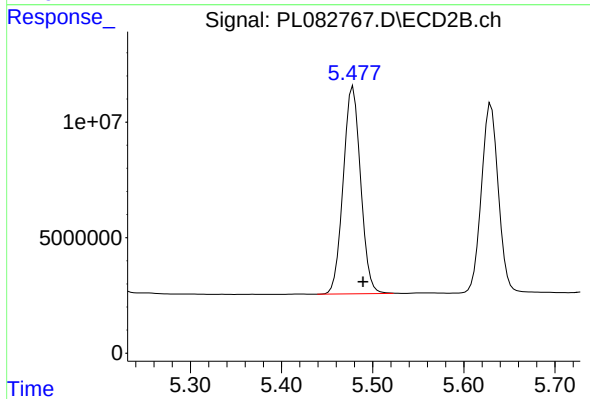
#13 Dieldrin

R.T.: 5.202 min
Delta R.T.: -0.013 min
Response: 136364531
Conc: 50.50 ng/ml m



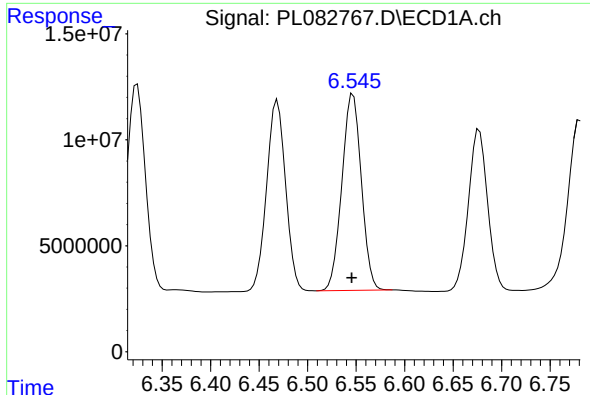
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 133011195
Conc: 54.86 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: -0.012 min
Response: 119030296
Conc: 48.66 ng/ml m



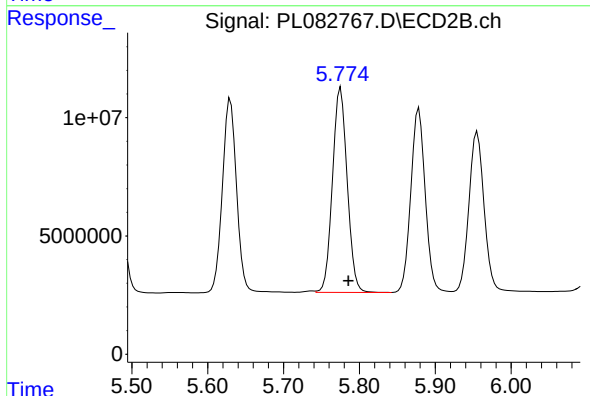
#15 Endosulfan II

R.T.: 6.547 min
Delta R.T.: 0.001 min
Response: 129179135
Conc: 53.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152845BS

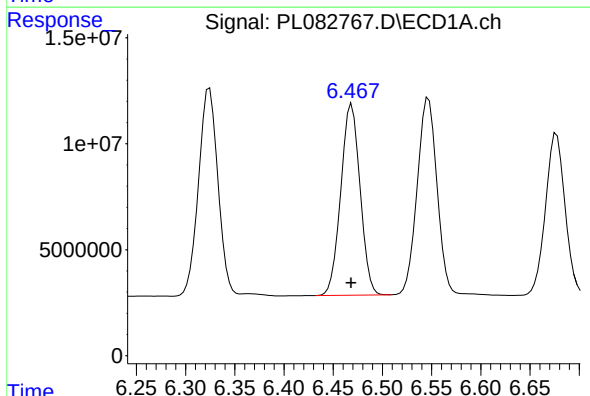
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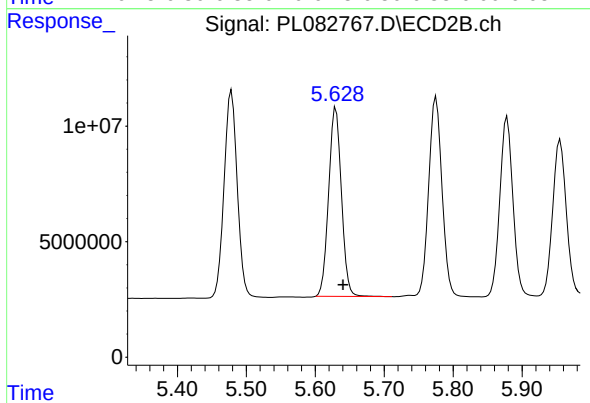
#15 Endosulfan II

R.T.: 5.775 min
Delta R.T.: -0.010 min
Response: 116628385
Conc: 51.74 ng/ml



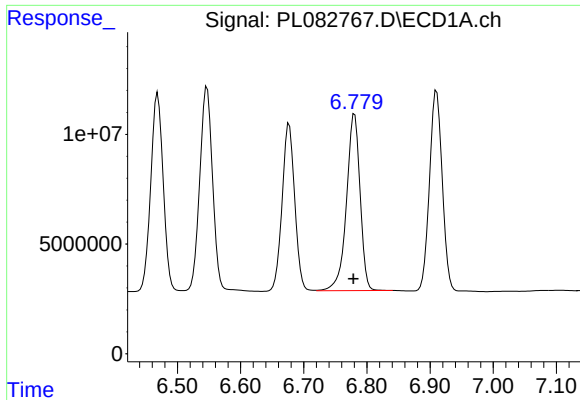
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 122949937
Conc: 60.65 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 105192059
Conc: 56.24 ng/ml



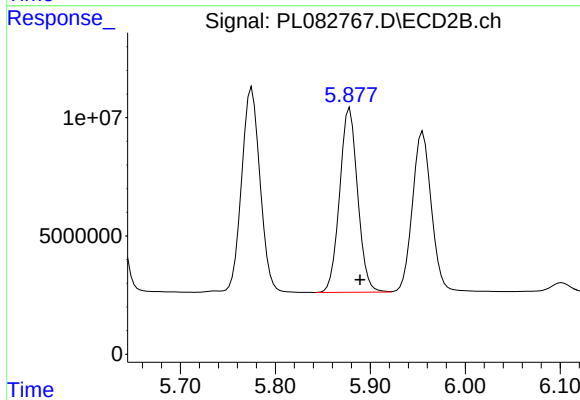
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 120710275
Conc: 52.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152845BS

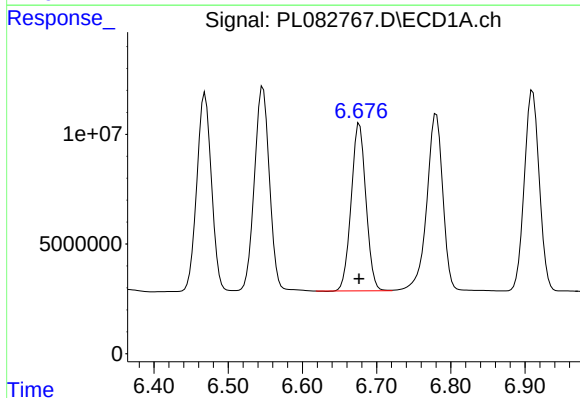
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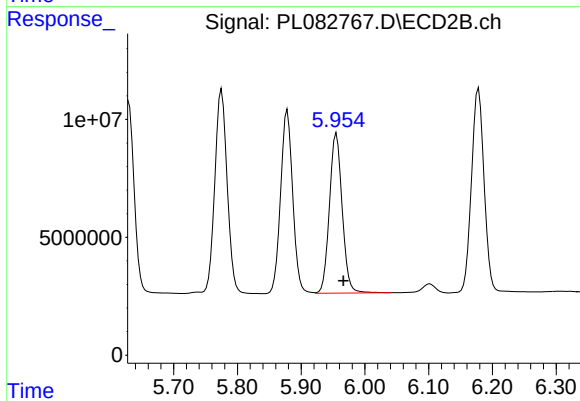
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 102717120
Conc: 48.62 ng/ml



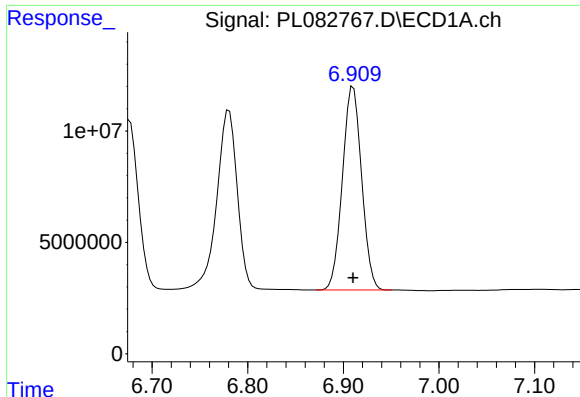
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 105372108
Conc: 55.92 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 94424947
Conc: 50.46 ng/ml



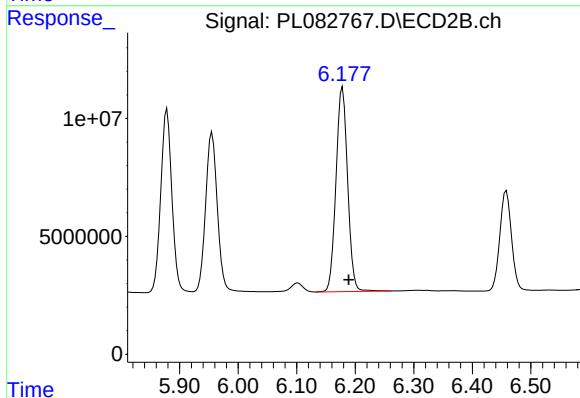
#19 Endosulfan Sulfate

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 127825416
Conc: 53.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152845BS

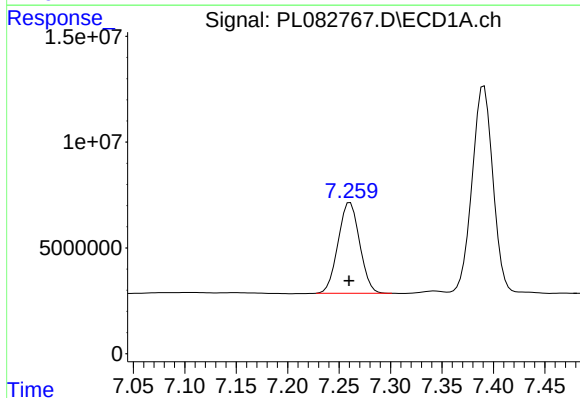
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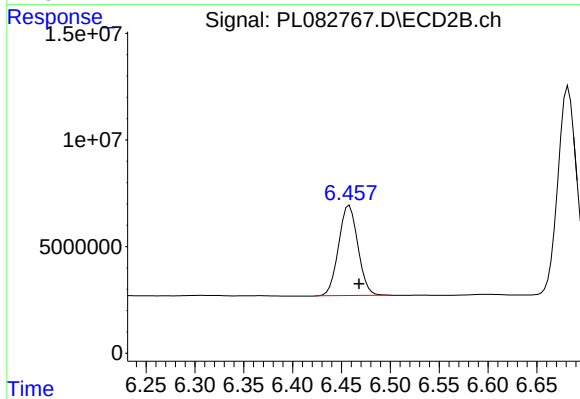
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 119548699
Conc: 50.78 ng/ml



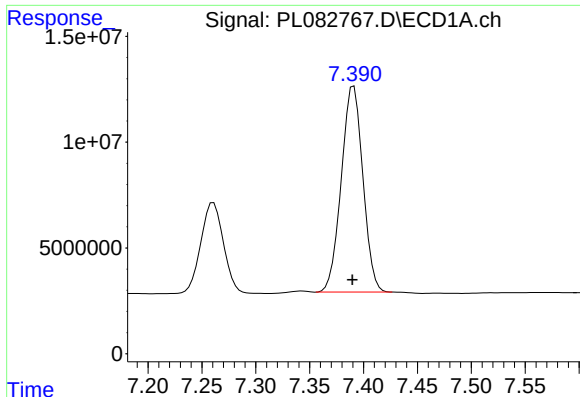
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.001 min
Response: 62650852
Conc: 51.34 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.011 min
Response: 58172068
Conc: 48.00 ng/ml m



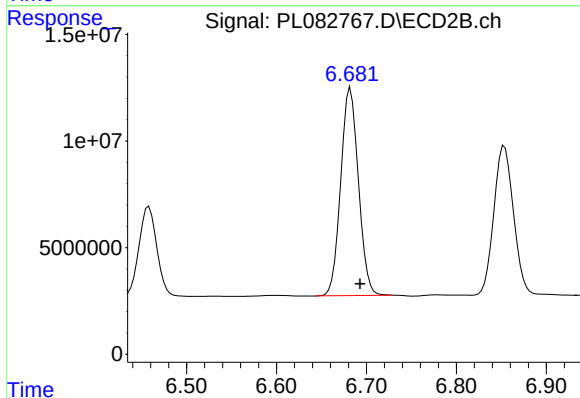
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: 0.001 min
Response: 135876421
Conc: 56.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152845BS

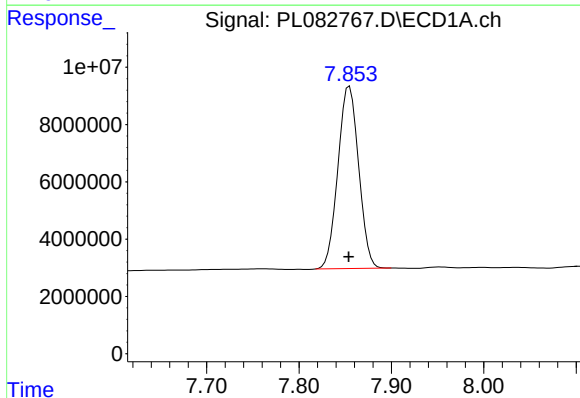
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Supervised By :Ankita Jodhani 05/18/2023



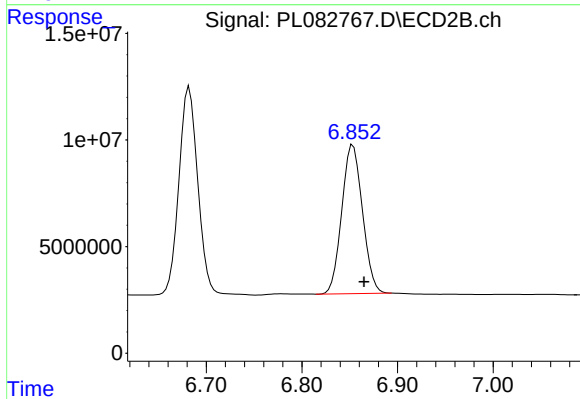
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.012 min
Response: 133152818
Conc: 52.46 ng/ml m



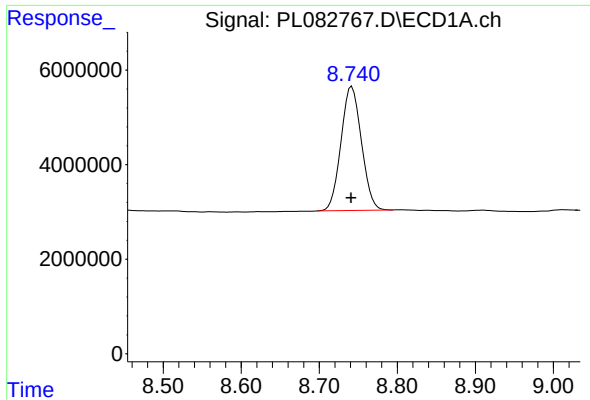
#22 Mirex

R.T.: 7.855 min
Delta R.T.: 0.000 min
Response: 99427365
Conc: 50.82 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 105384302
Conc: 45.73 ng/ml m



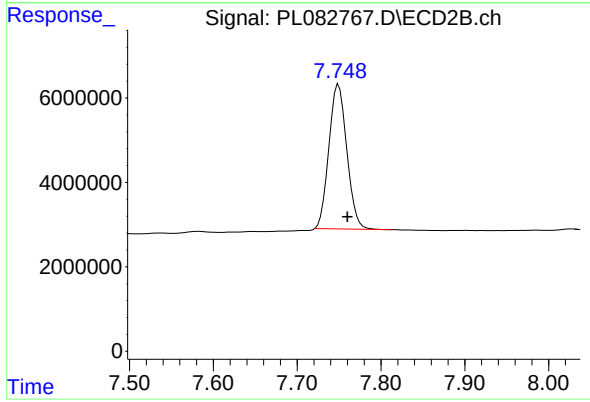
#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.000 min
Response: 47672368
Conc: 24.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152845BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/18/2023
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#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 50904587
Conc: 22.30 ng/ml