

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040124\
 Data File : PL088856.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2024 16:52
 Operator : AR\AJ
 Sample : PB159872BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159872BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2024
 Supervised By :Ankita Jodhani 04/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:16:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.633	2.851	52121804	27284924	19.669	20.473
28)	SA Decachlor...	9.299	8.077	43492702	28224669	17.595	20.816
Target Compounds							
2)	A alpha-BHC	4.098	3.365	212.0E6	112.6E6	53.120	56.053
3)	MA gamma-BHC...	4.436	3.702	203.2E6	106.3E6	52.384	55.399
4)	MA Heptachlor	5.036	4.050	199.4E6	105.9E6	52.506	58.866
5)	MB Aldrin	5.383	4.335	187.3E6	101.6E6	51.112	56.211
6)	B beta-BHC	4.634	4.004	91346296	46990841	51.508	54.816
7)	B delta-BHC	4.886	4.238	194.8E6	103.1E6	48.356	53.880
8)	B Heptachlo...	5.815	4.845	178.8E6	94877492	52.046	57.694
9)	A Endosulfan I	6.206	5.221	161.7E6	88715751	52.919	59.016
10)	B gamma-Chl...	6.074	5.099	183.3E6	99389957	55.033	60.007
11)	B alpha-Chl...	6.154	5.165	179.3E6	98447803	53.945	59.308
12)	B 4,4'-DDE	6.328	5.357	159.9E6	88785763	53.506	60.871
13)	MA Dieldrin	6.484	5.490	172.4E6	96127282	53.174	59.186
14)	MA Endrin	6.716	5.769	135.2E6	81863696	49.458	56.793
15)	B Endosulfa...	6.937	6.066	151.3E6	85318217	52.821	59.336
16)	A 4,4'-DDD	6.851	5.919	134.9E6	77887397	52.963	62.541
17)	MA 4,4'-DDT	7.169	6.174	140.0E6	79364485	52.532	59.130
18)	B Endrin al...	7.067	6.248	114.5E6	64697298	54.818m	61.737
19)	B Endosulfa...	7.306	6.474	140.0E6	81368022	50.685	58.646
20)	A Methoxychlor	7.650	6.756	70909779	43382236	47.069	54.088
21)	B Endrin ke...	7.797	6.987	152.0E6	97475228	51.416	59.051
22)	Mirex	8.278	7.172	120.6E6	77751351	51.452	57.661

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040124\
Data File : PL088856.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2024 16:52
Operator : AR\AJ
Sample : PB159872BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB159872BS

Manual Integrations

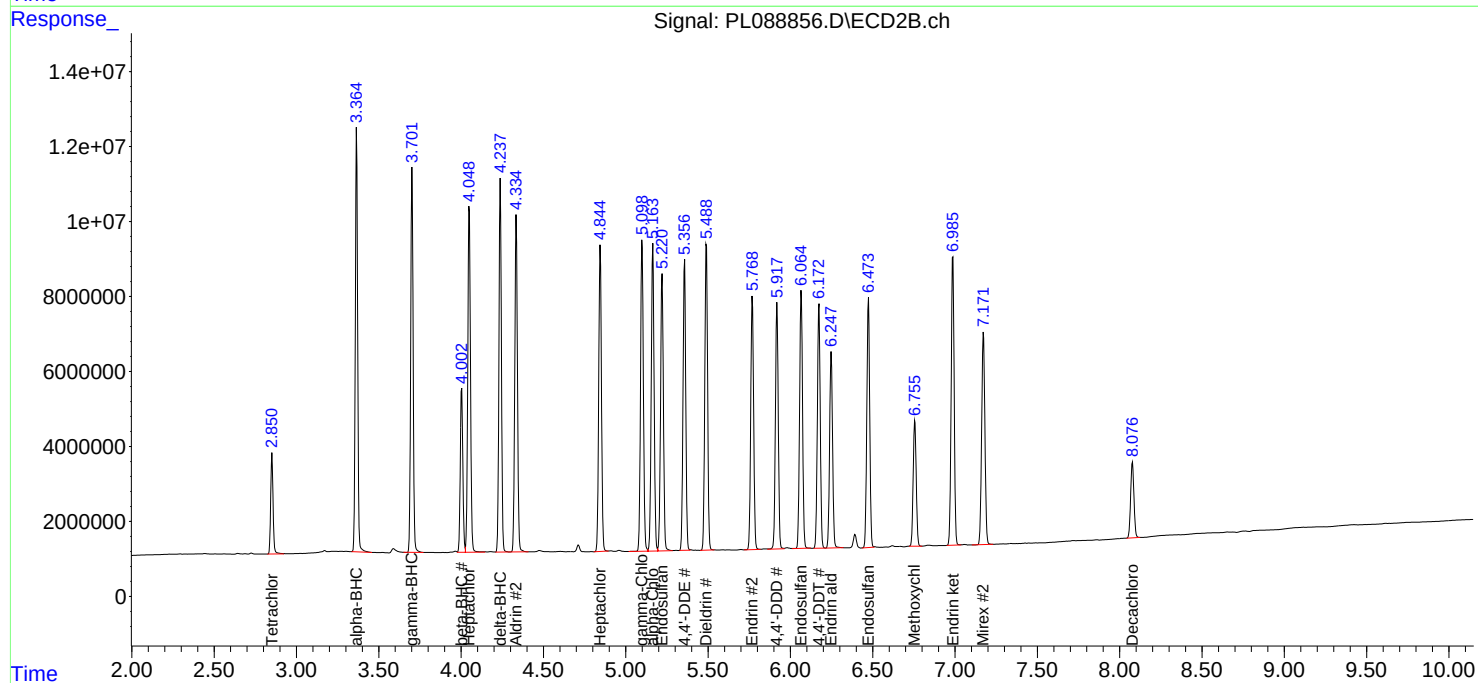
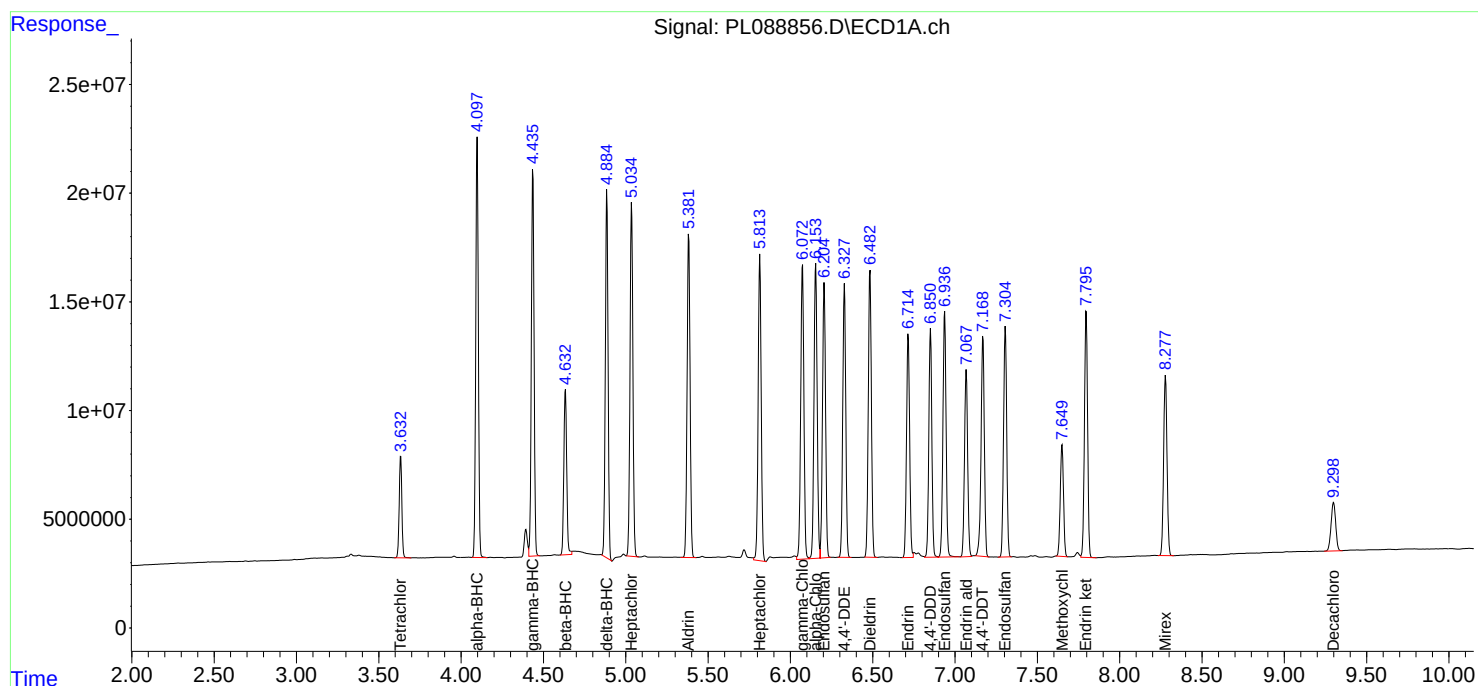
APPROVED

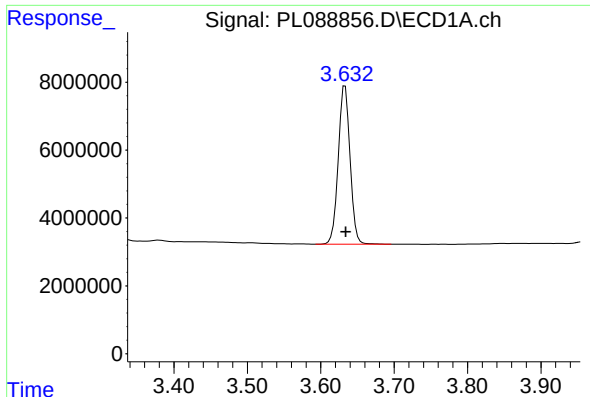
Reviewed By :Abdul Mirza 04/02/2024

Supervised By :Ankita Jodhani 04/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:16:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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





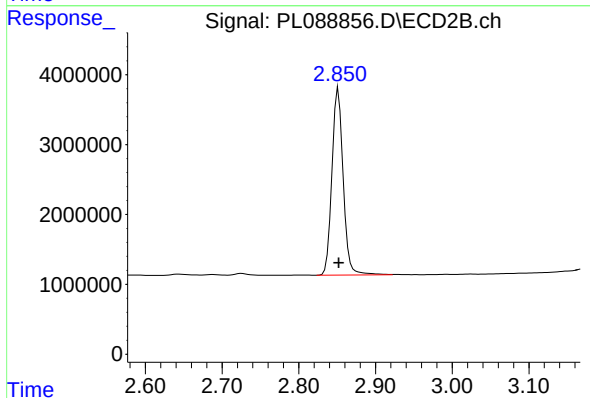
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 52121804
Conc: 19.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

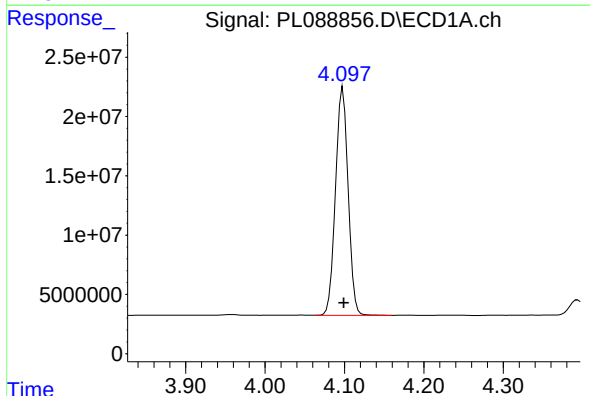
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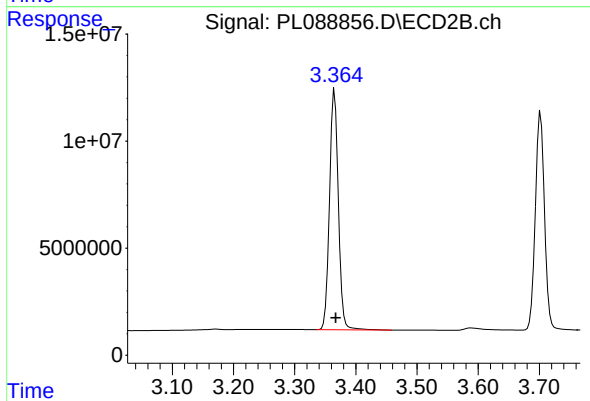
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: 0.000 min
Response: 27284924
Conc: 20.47 ng/ml



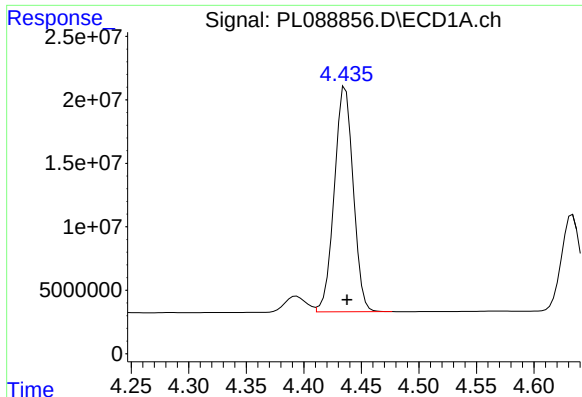
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: -0.001 min
Response: 212040361
Conc: 53.12 ng/ml



#2 alpha-BHC

R.T.: 3.365 min
Delta R.T.: -0.002 min
Response: 112636231
Conc: 56.05 ng/ml



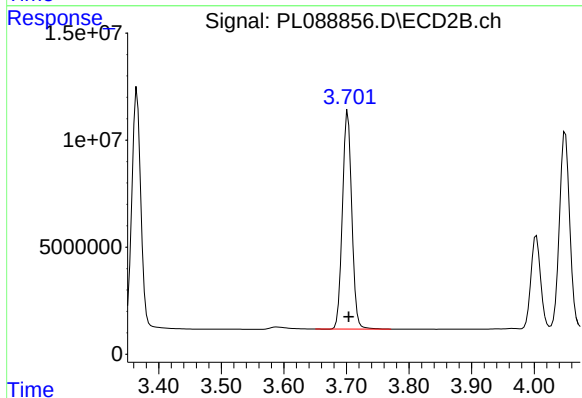
#3 gamma-BHC (Lindane)

R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 203155934
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

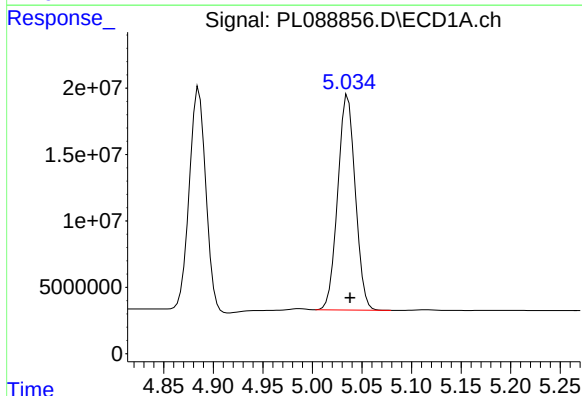
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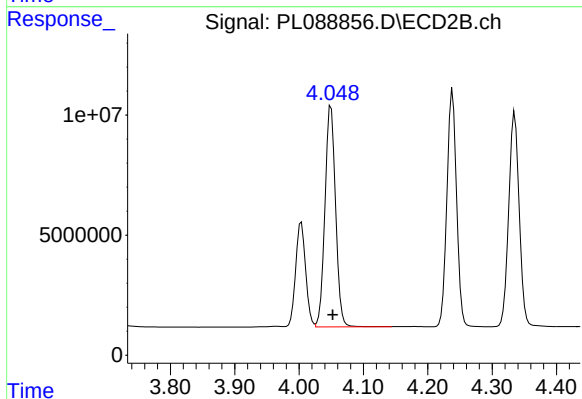
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.001 min
Response: 106317012
Conc: 55.40 ng/ml



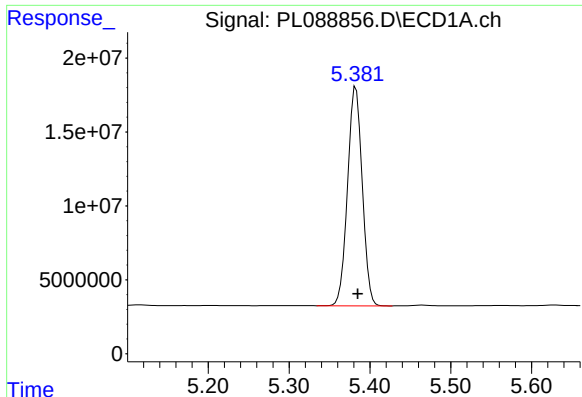
#4 Heptachlor

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 199388405
Conc: 52.51 ng/ml



#4 Heptachlor

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 105943031
Conc: 58.87 ng/ml



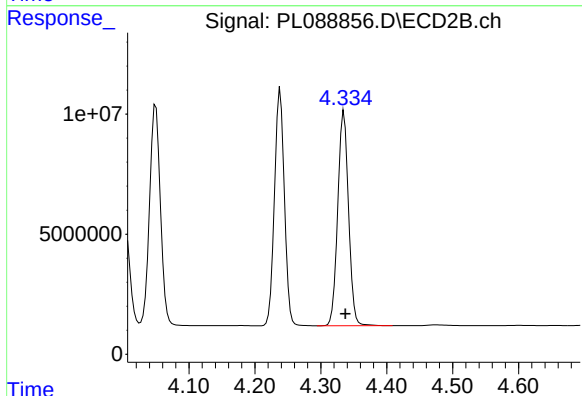
#5 Aldrin

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 187300116
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

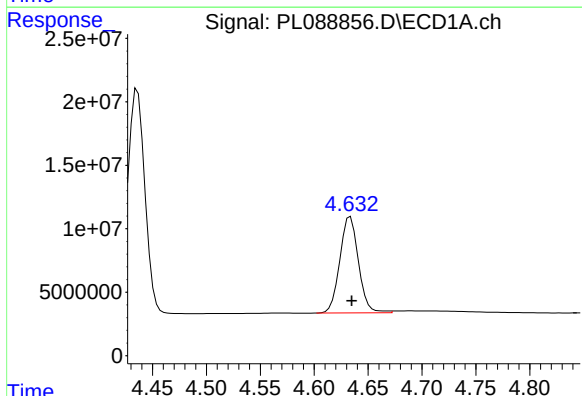
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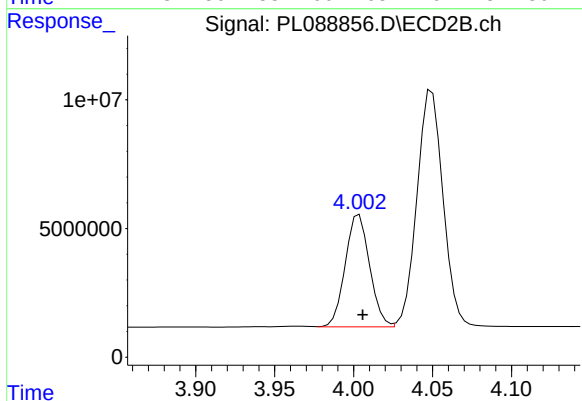
#5 Aldrin

R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 101577877
Conc: 56.21 ng/ml



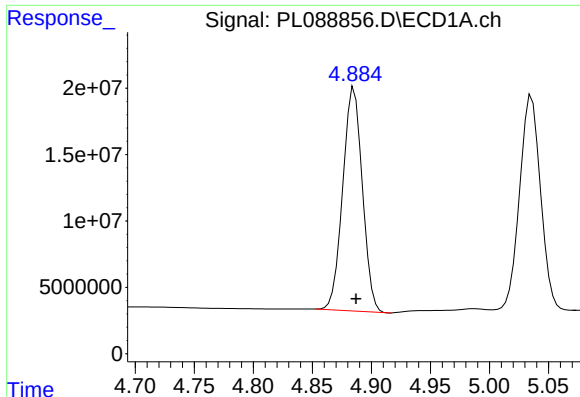
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 91346296
Conc: 51.51 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 46990841
Conc: 54.82 ng/ml



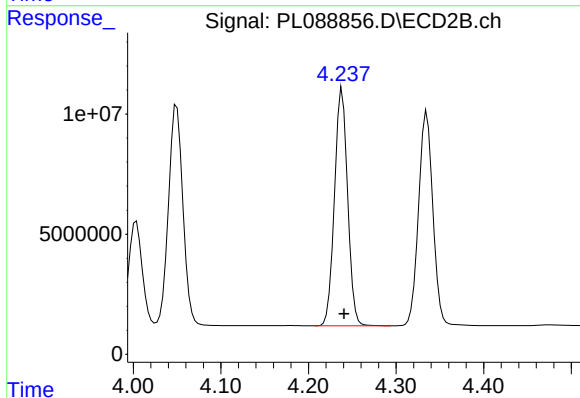
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: -0.001 min
Response: 194787356
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

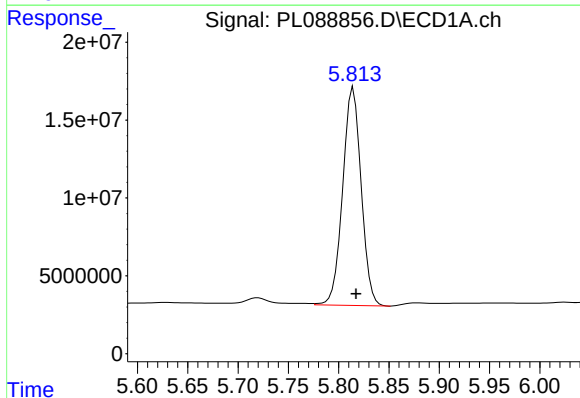
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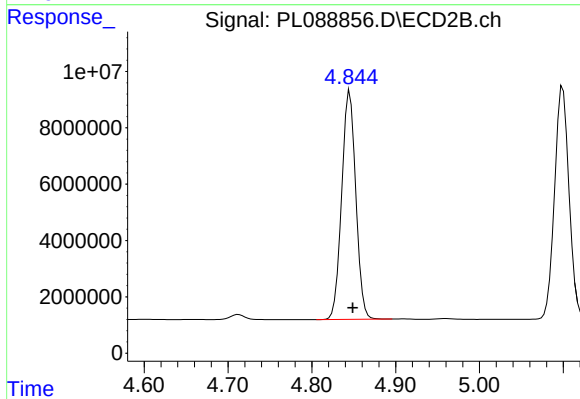
#7 delta-BHC

R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 103076181
Conc: 53.88 ng/ml



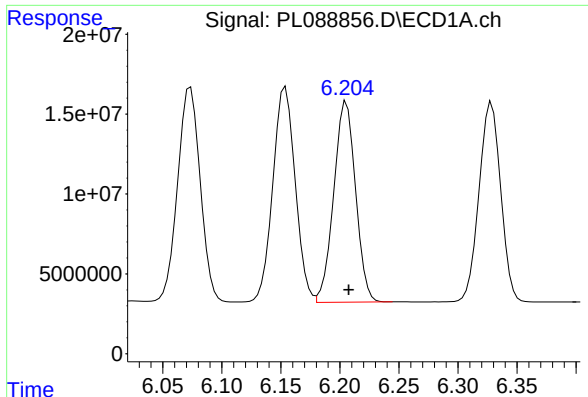
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.003 min
Response: 178777693
Conc: 52.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.845 min
Delta R.T.: -0.004 min
Response: 94877492
Conc: 57.69 ng/ml



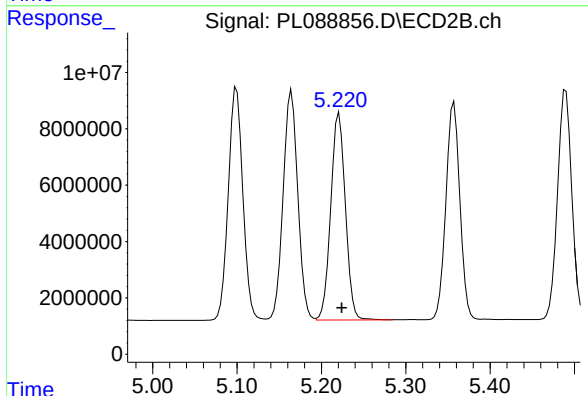
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.002 min
Response: 161744251
Conc: 52.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

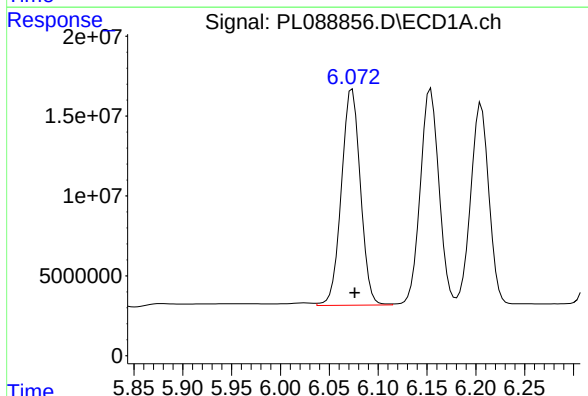
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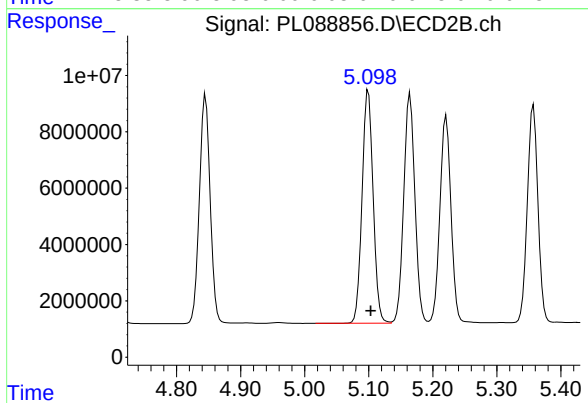
#9 Endosulfan I

R.T.: 5.221 min
Delta R.T.: -0.003 min
Response: 88715751
Conc: 59.02 ng/ml



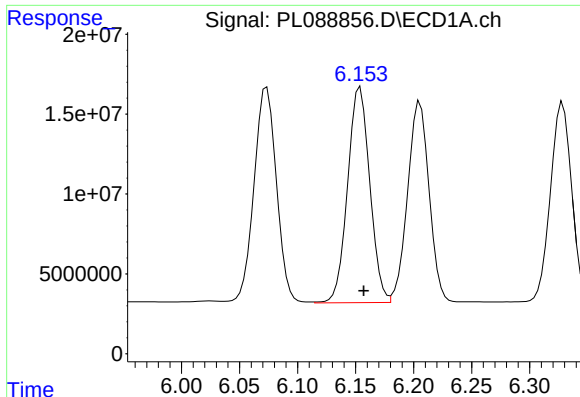
#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 183304593
Conc: 55.03 ng/ml



#10 gamma-Chlordane

R.T.: 5.099 min
Delta R.T.: -0.004 min
Response: 99389957
Conc: 60.01 ng/ml



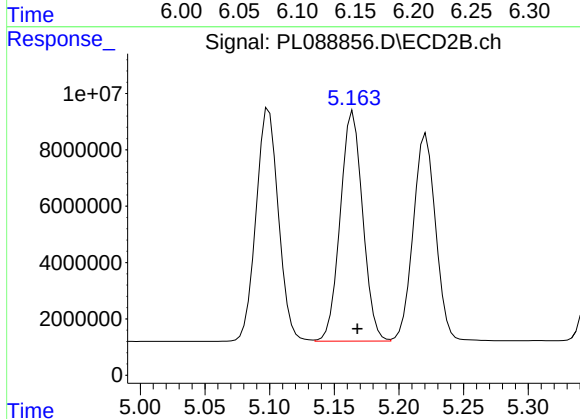
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 179315894
Conc: 53.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

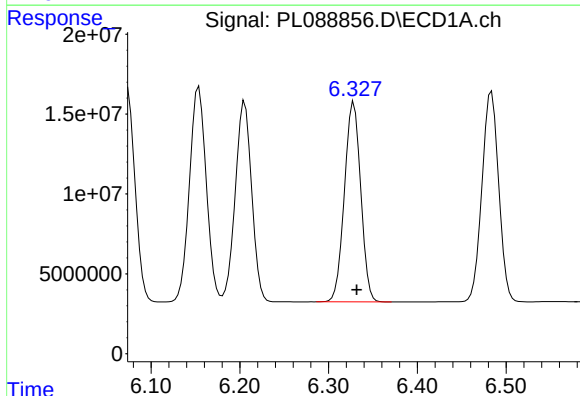
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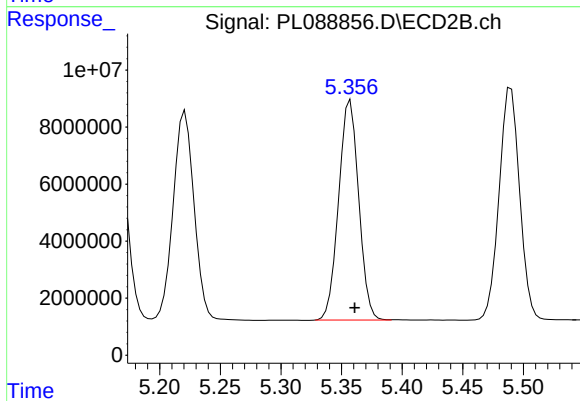
#11 alpha-Chlordane

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 98447803
Conc: 59.31 ng/ml



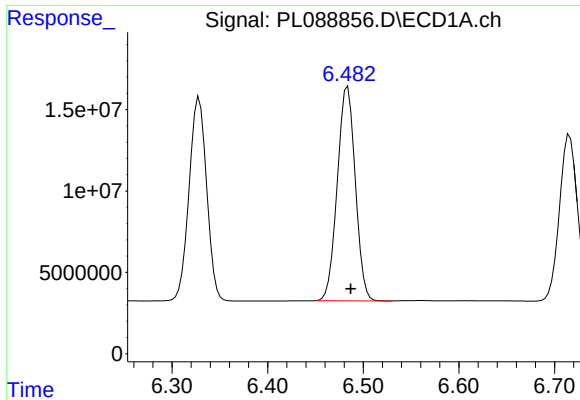
#12 4,4'-DDE

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 159860342
Conc: 53.51 ng/ml



#12 4,4'-DDE

R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 88785763
Conc: 60.87 ng/ml



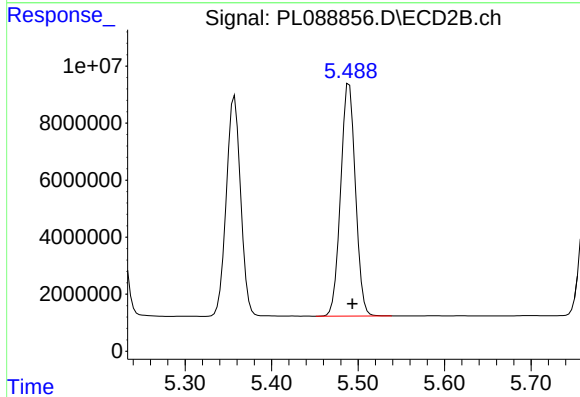
#13 Dieldrin

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 172425111
Conc: 53.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

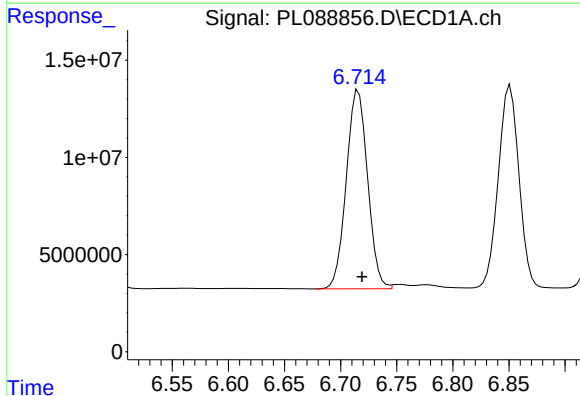
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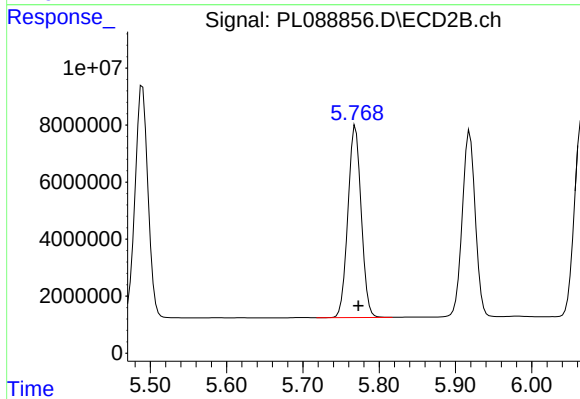
#13 Dieldrin

R.T.: 5.490 min
Delta R.T.: -0.004 min
Response: 96127282
Conc: 59.19 ng/ml



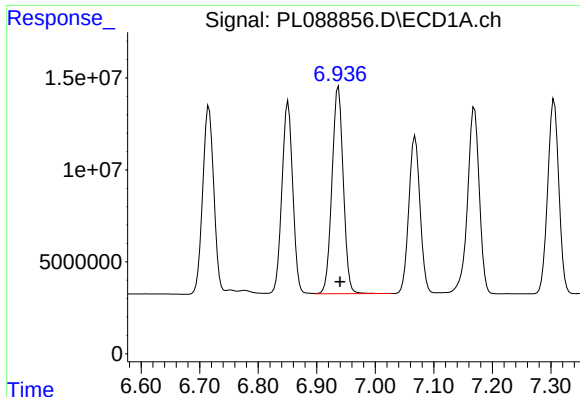
#14 Endrin

R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 135204837
Conc: 49.46 ng/ml



#14 Endrin

R.T.: 5.769 min
Delta R.T.: -0.004 min
Response: 81863696
Conc: 56.79 ng/ml



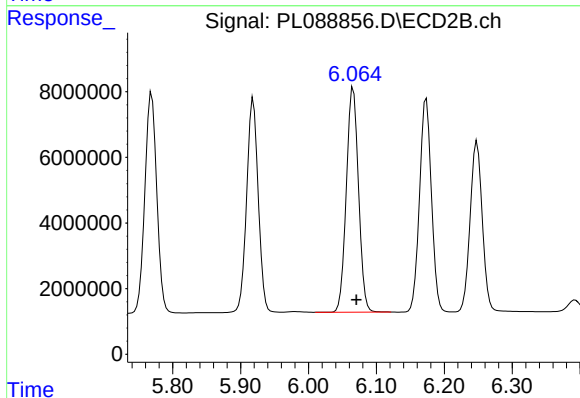
#15 Endosulfan II

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 151291012
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

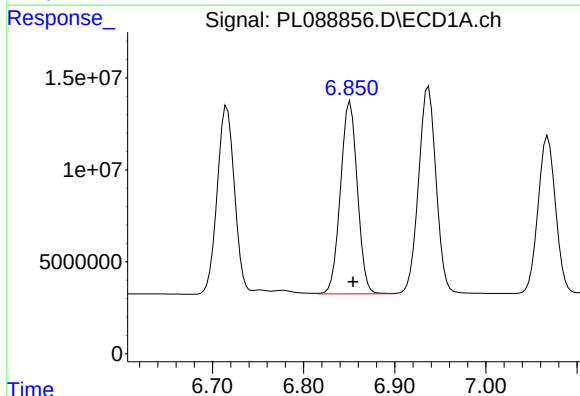
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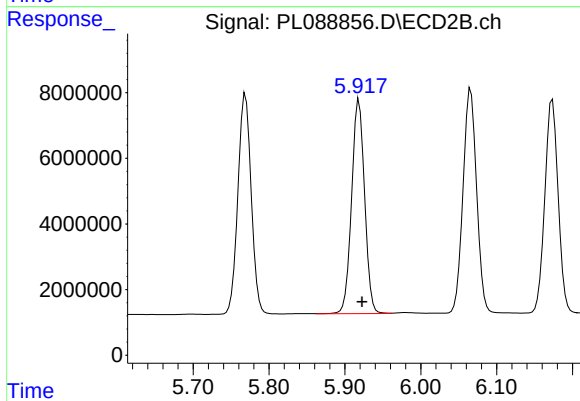
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: -0.004 min
Response: 85318217
Conc: 59.34 ng/ml



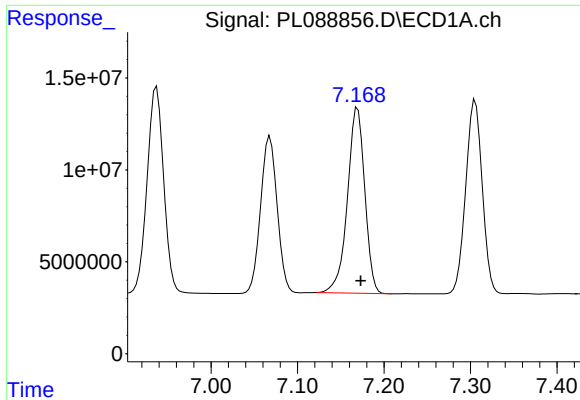
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 134884137
Conc: 52.96 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.004 min
Response: 77887397
Conc: 62.54 ng/ml



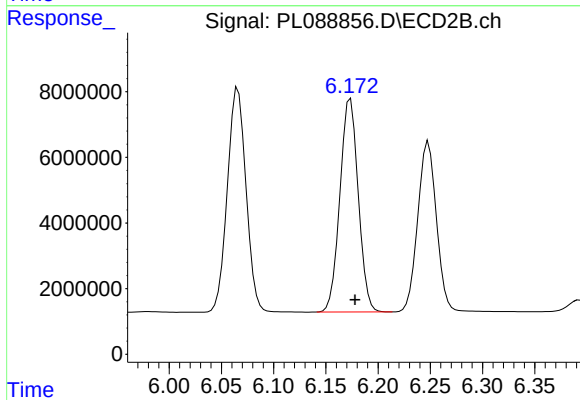
#17 4,4'-DDT

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 140023265
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

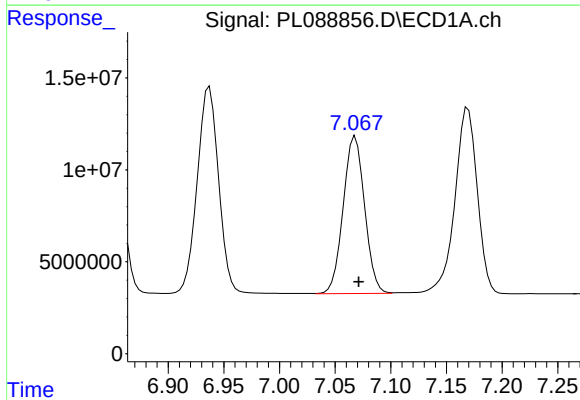
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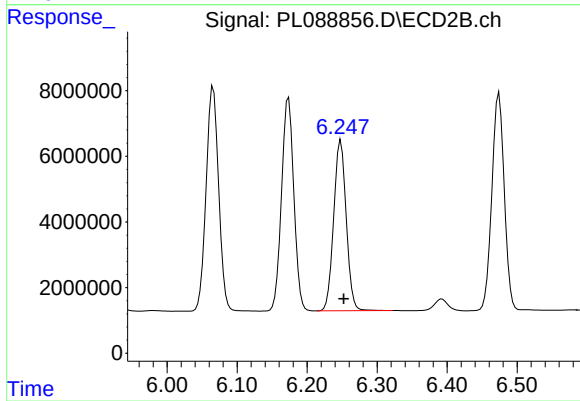
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.004 min
Response: 79364485
Conc: 59.13 ng/ml



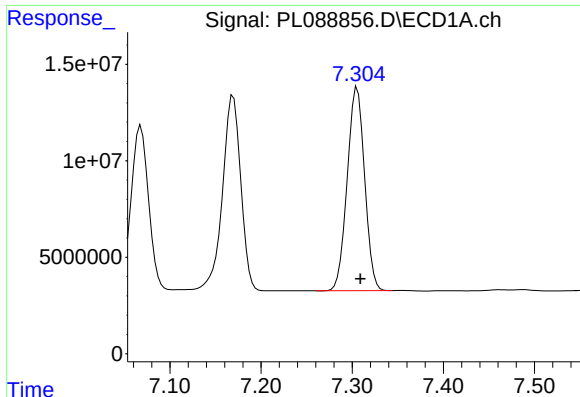
#18 Endrin aldehyde

R.T.: 7.067 min
Delta R.T.: -0.005 min
Response: 114451683
Conc: 54.82 ng/ml m



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 64697298
Conc: 61.74 ng/ml



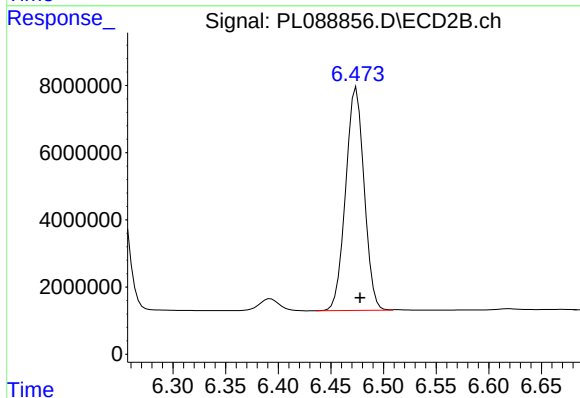
#19 Endosulfan Sulfate

R.T.: 7.306 min
Delta R.T.: -0.003 min
Response: 139955879
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

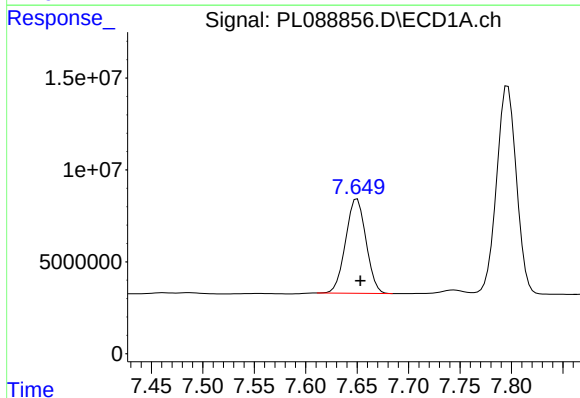
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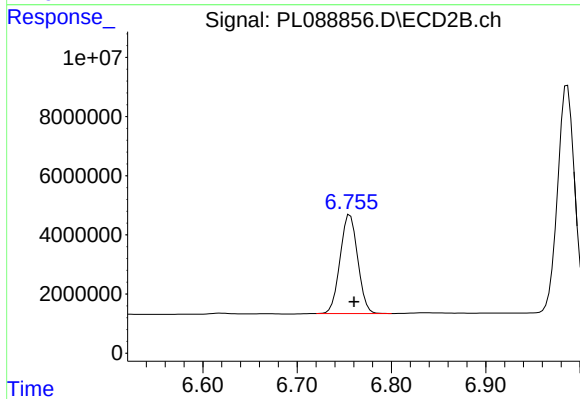
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 81368022
Conc: 58.65 ng/ml



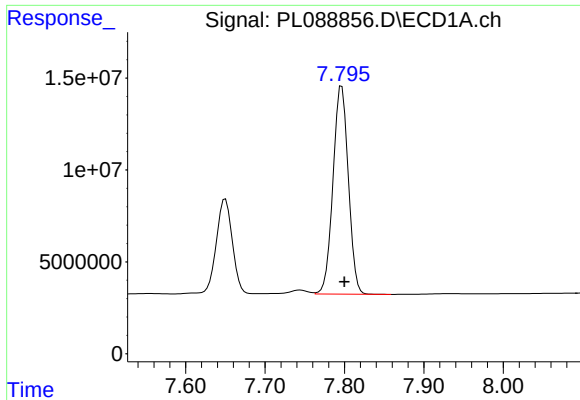
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 70909779
Conc: 47.07 ng/ml



#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.004 min
Response: 43382236
Conc: 54.09 ng/ml



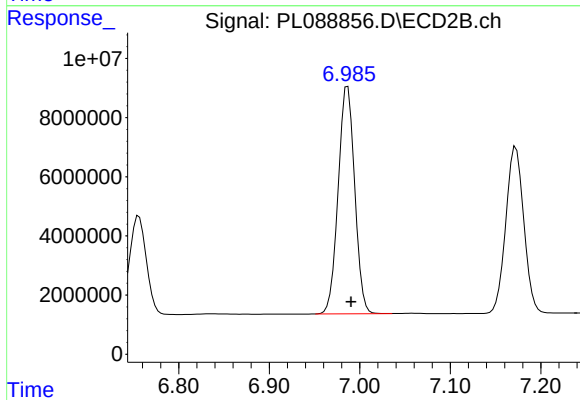
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 152006203
Conc: 51.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

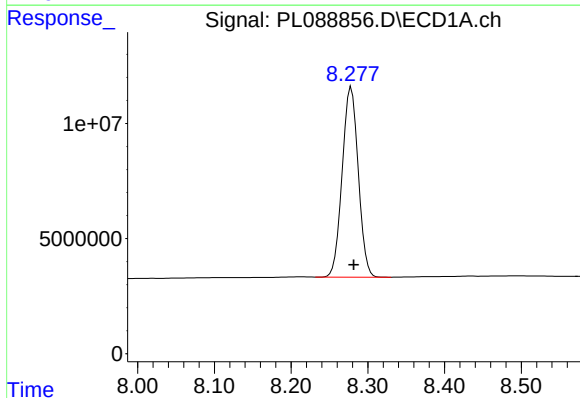
Manual Integrations
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Reviewed By :Abdul Mirza 04/02/2024
Supervised By :Ankita Jodhani 04/02/2024



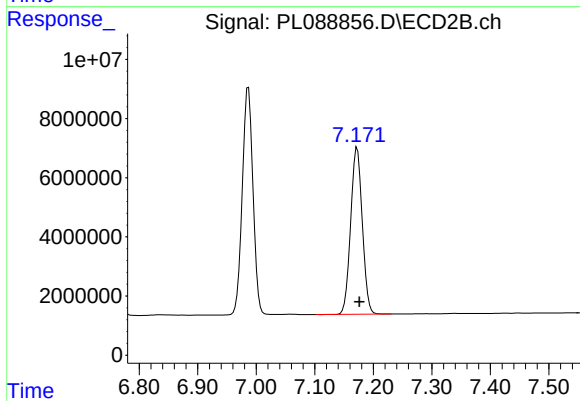
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.004 min
Response: 97475228
Conc: 59.05 ng/ml



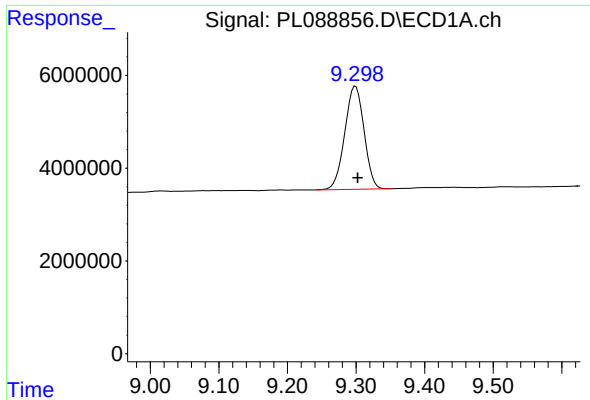
#22 Mirex

R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 120630297
Conc: 51.45 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 77751351
Conc: 57.66 ng/ml



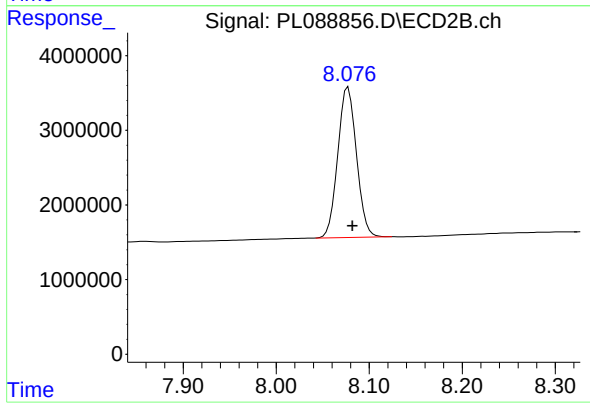
#28 Decachlorobiphenyl

R.T.: 9.299 min
Delta R.T.: -0.003 min
Response: 43492702
Conc: 17.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159872BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2024
Supervised By :Ankita Jodhani 04/02/2024



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: -0.004 min
Response: 28224669
Conc: 20.82 ng/ml