

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
 Data File : PL087218.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2023 14:26
 Operator : AR\AJ
 Sample : PB157809BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157809BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 00:29:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.426	2.683	103.1E6	42549619	27.388	25.278
28)	SA Decachlor...	8.985	7.874	83006725	40576733	24.343	24.025
Target Compounds							
2)	A alpha-BHC	3.883	3.187	264.2E6	112.0E6	48.799	45.584
3)	MA gamma-BHC...	4.217	3.518	247.1E6	106.6E6	47.017	44.022
4)	MA Heptachlor	4.810	3.861	251.6E6	107.0E6	47.239	44.770
5)	MB Aldrin	5.153	4.142	236.1E6	102.2E6	45.351	42.629
6)	B beta-BHC	4.416	3.819	104.7E6	44731375	45.565	42.970
7)	B delta-BHC	4.661	4.049	236.4E6	104.7E6	45.198m	42.811
8)	B Heptachlo...	5.583	4.650	208.4E6	94204078	44.229	42.333
9)	A Endosulfan I	5.970	5.020	185.6E6	88334231	41.545	40.873
10)	B gamma-Chl...	5.841	4.903	207.1E6	96107832	42.718	42.017
11)	B alpha-Chl...	5.922	4.967	200.1E6	94995748	41.631	41.159
12)	B 4,4'-DDE	6.103	5.166	166.2E6	84810230	40.117	42.714
13)	MA Dieldrin	6.248	5.289	182.3E6	92227566	39.277	41.399
14)	MA Endrin	6.478	5.564	159.0E6	83371912	41.327	41.777
15)	B Endosulfa...	6.699	5.861	159.5E6	76400483	39.778	39.240
16)	A 4,4'-DDD	6.623	5.724	142.3E6	70973824	43.049	42.865
17)	MA 4,4'-DDT	6.940	5.977	159.5E6	75481352	42.406	40.926
18)	B Endrin al...	6.830	6.043	123.2E6	59657748	42.515	40.649
19)	B Endosulfa...	7.067	6.268	162.6E6	75802011	41.401	40.238
20)	A Methoxychlor	7.425	6.563	80312489	41142310	41.187	40.281
21)	B Endrin ke...	7.553	6.774	168.3E6	84966732	41.370	39.915
22)	Mirex	8.030	6.957	136.8E6	65780563	40.624	36.974

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
Data File : PL087218.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2023 14:26
Operator : AR\AJ
Sample : PB157809BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB157809BS

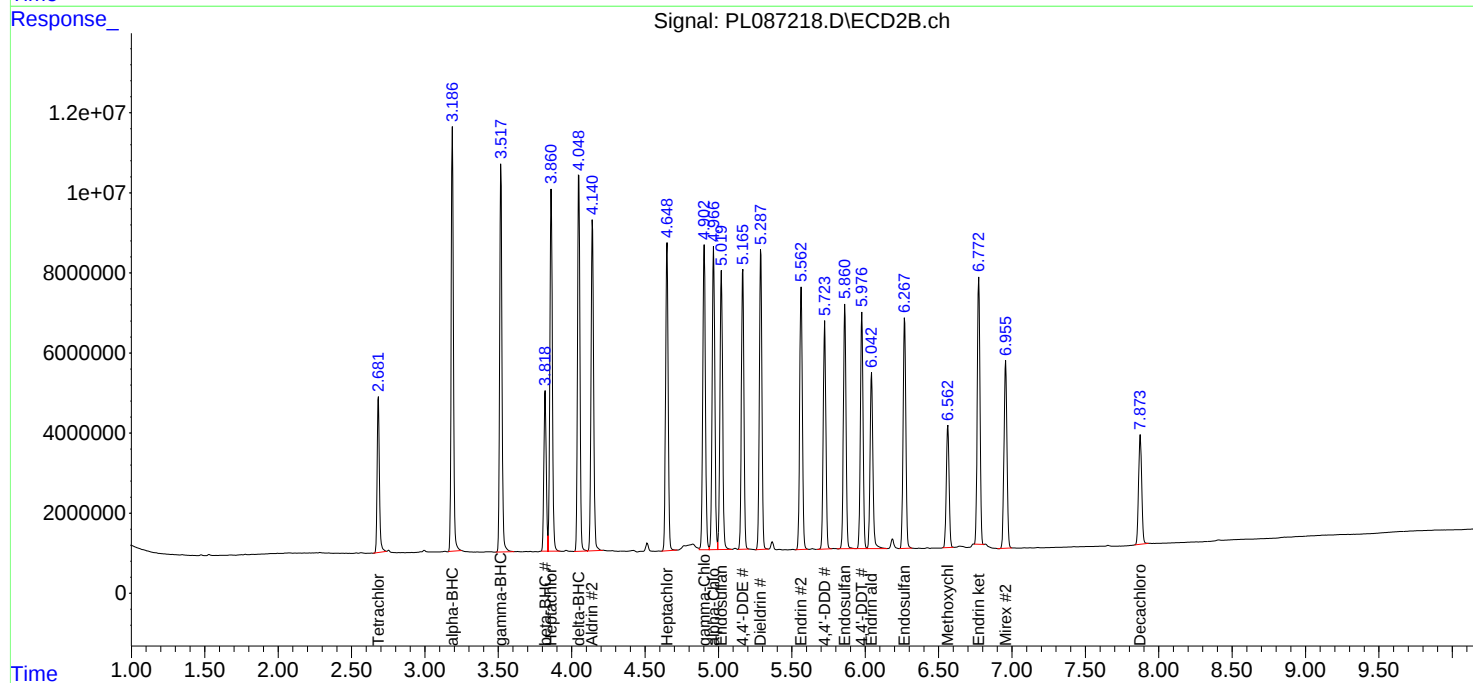
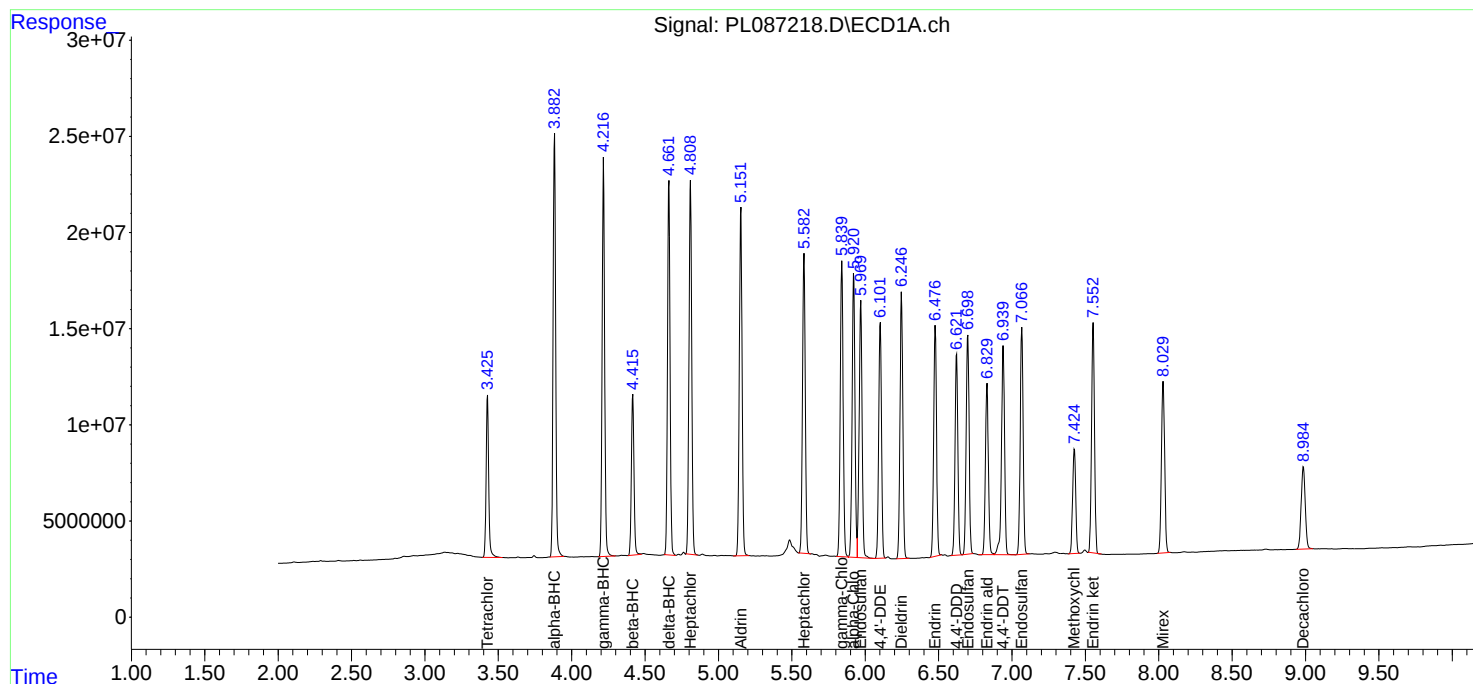
Manual Integrations

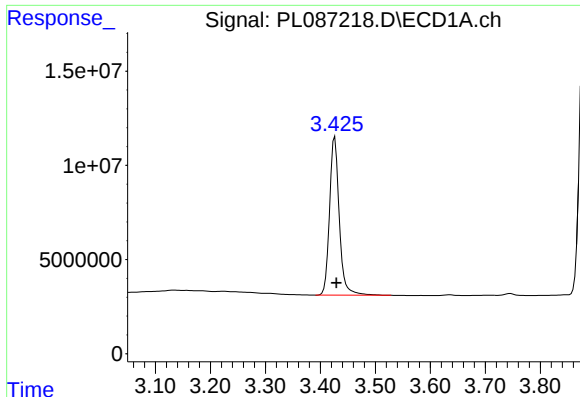
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 18 00:29:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
Response via : Initial Calibration
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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





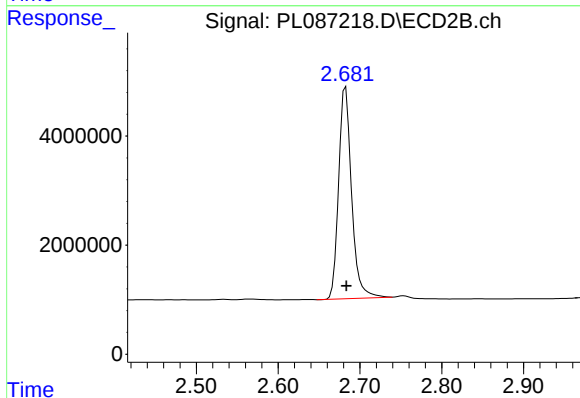
#1 Tetrachloro-m-xylene

R.T.: 3.426 min
Delta R.T.: -0.003 min
Response: 103073425
Conc: 27.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

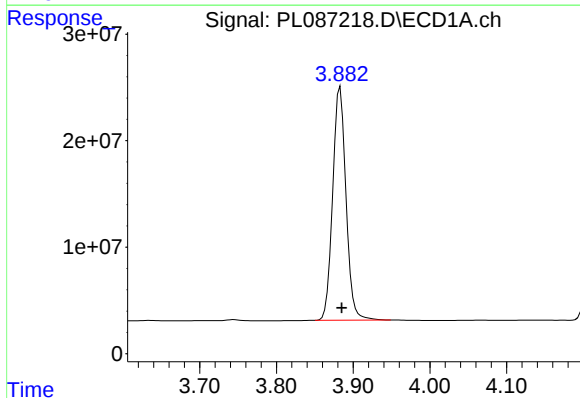
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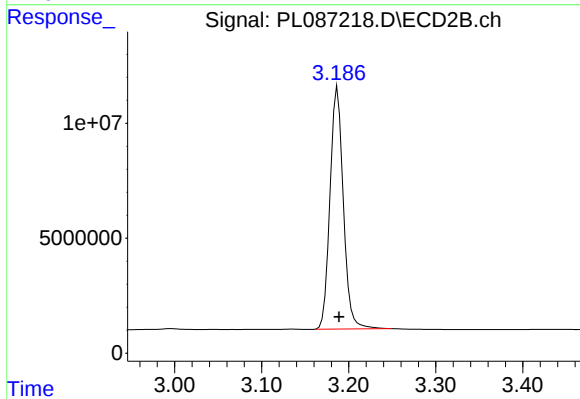
#1 Tetrachloro-m-xylene

R.T.: 2.683 min
Delta R.T.: 0.000 min
Response: 42549619
Conc: 25.28 ng/ml



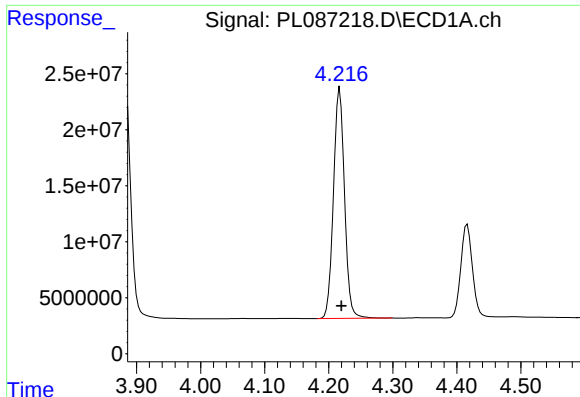
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: -0.002 min
Response: 264204416
Conc: 48.80 ng/ml



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.002 min
Response: 112028390
Conc: 45.58 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: -0.002 min
Response: 247108006
Conc: 47.02 ng/ml

Instrument :

ECD_L

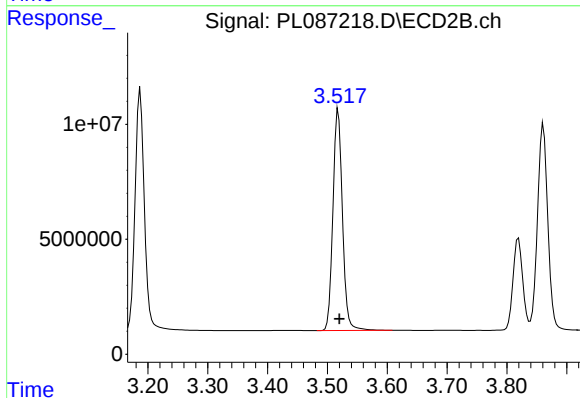
ClientSampleId :

PB157809BS

Manual Integrations

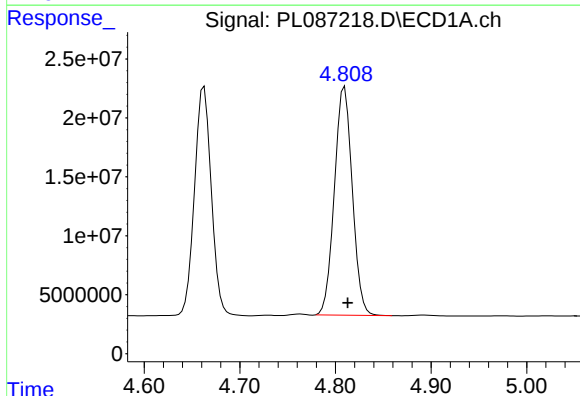
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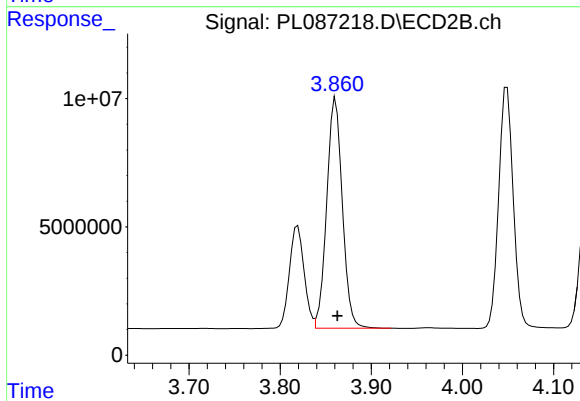
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 106637885
Conc: 44.02 ng/ml



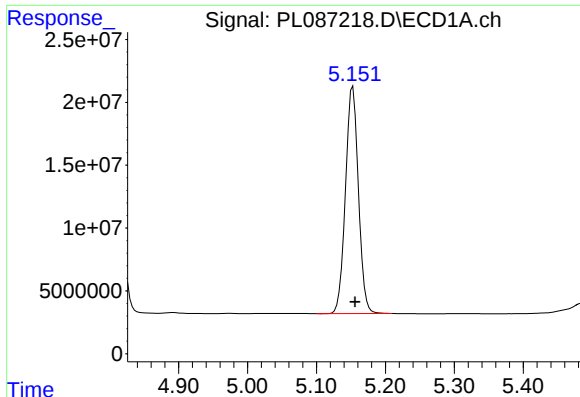
#4 Heptachlor

R.T.: 4.810 min
Delta R.T.: -0.003 min
Response: 251623907
Conc: 47.24 ng/ml



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.002 min
Response: 107014088
Conc: 44.77 ng/ml



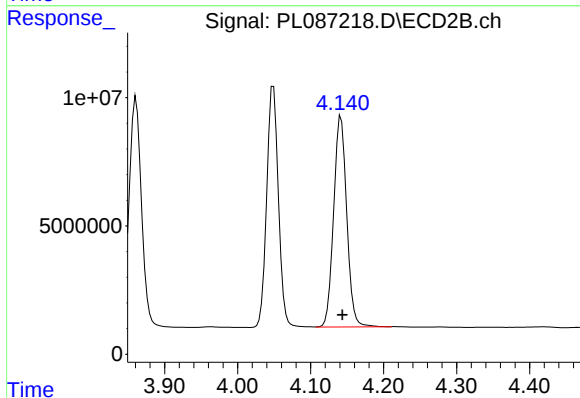
#5 Aldrin

R.T.: 5.153 min
Delta R.T.: -0.003 min
Response: 236113211
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

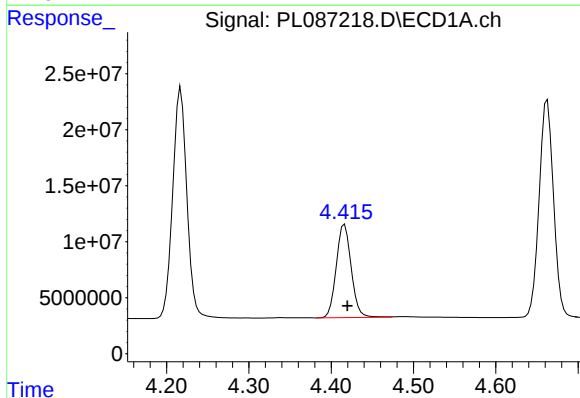
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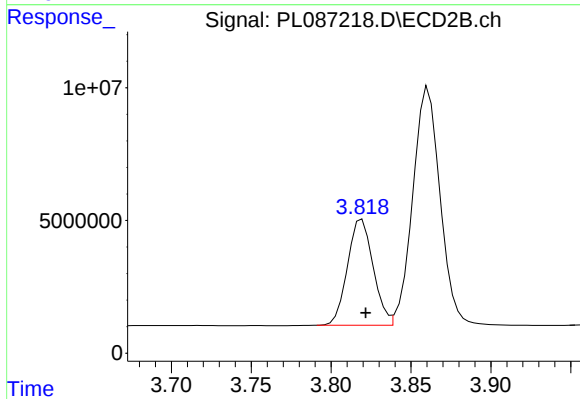
#5 Aldrin

R.T.: 4.142 min
Delta R.T.: -0.002 min
Response: 102213290
Conc: 42.63 ng/ml



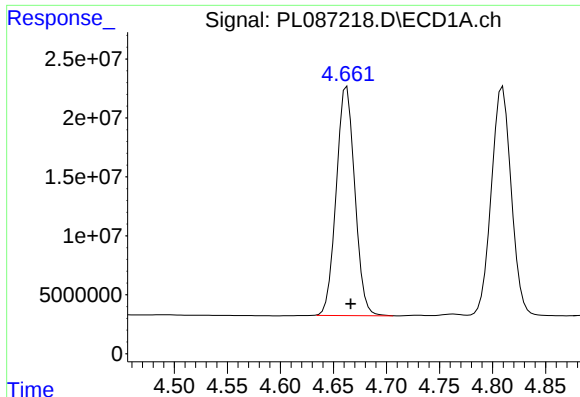
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: -0.003 min
Response: 104653286
Conc: 45.57 ng/ml



#6 beta-BHC

R.T.: 3.819 min
Delta R.T.: -0.002 min
Response: 44731375
Conc: 42.97 ng/ml



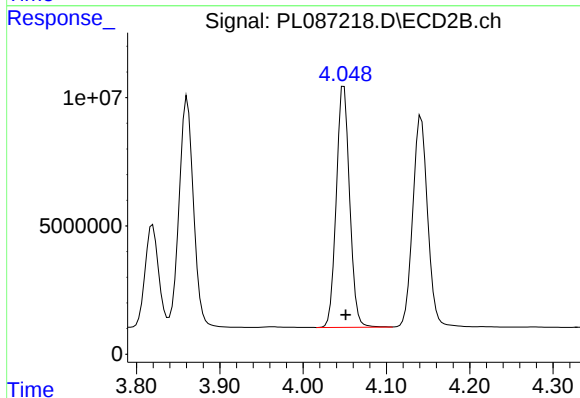
#7 delta-BHC

R.T.: 4.661 min
Delta R.T.: -0.005 min
Response: 236360849
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

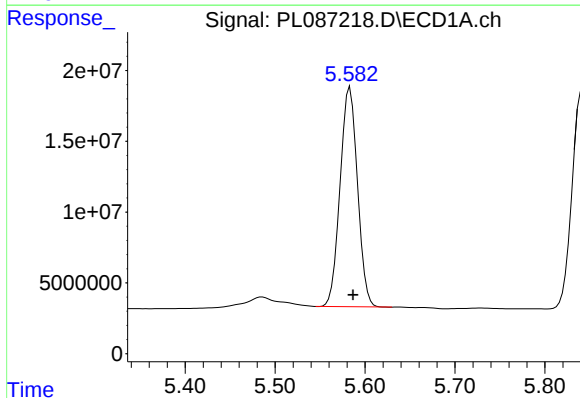
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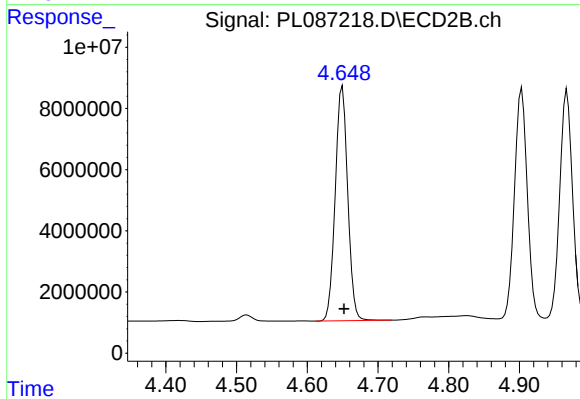
#7 delta-BHC

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 104724409
Conc: 42.81 ng/ml



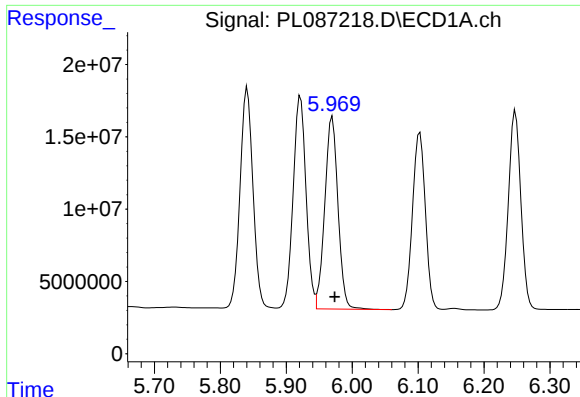
#8 Heptachlor epoxide

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 208444996
Conc: 44.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.650 min
Delta R.T.: -0.002 min
Response: 94204078
Conc: 42.33 ng/ml



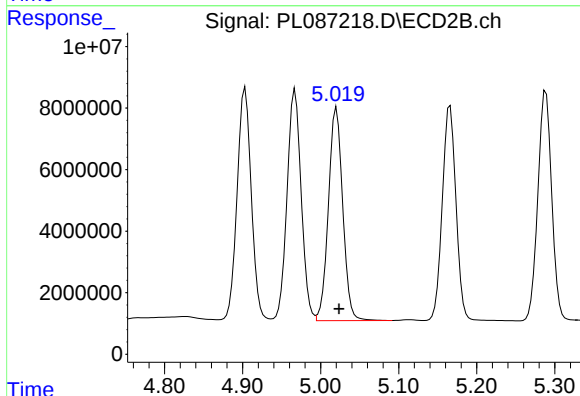
#9 Endosulfan I

R.T.: 5.970 min
Delta R.T.: -0.003 min
Response: 185552750
Conc: 41.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

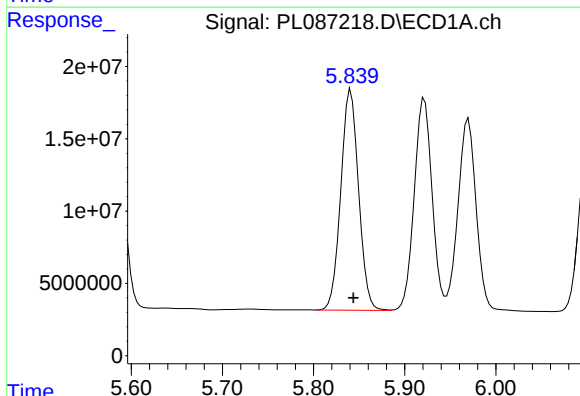
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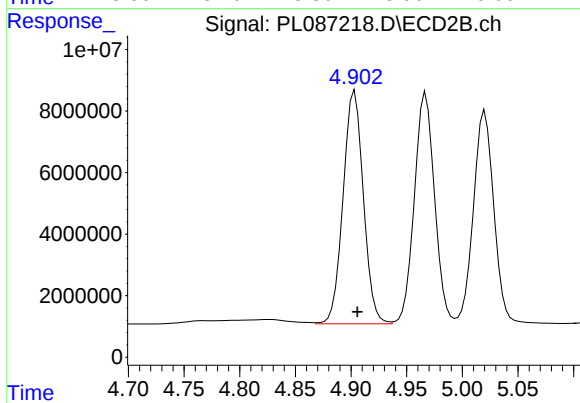
#9 Endosulfan I

R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 88334231
Conc: 40.87 ng/ml



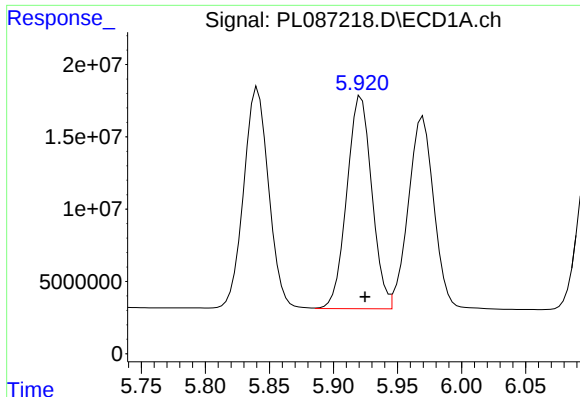
#10 gamma-Chlordane

R.T.: 5.841 min
Delta R.T.: -0.003 min
Response: 207100295
Conc: 42.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 96107832
Conc: 42.02 ng/ml



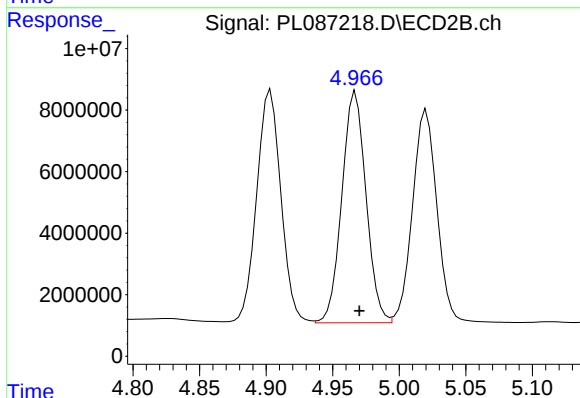
#11 alpha-Chlordane

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 200085554
Conc: 41.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

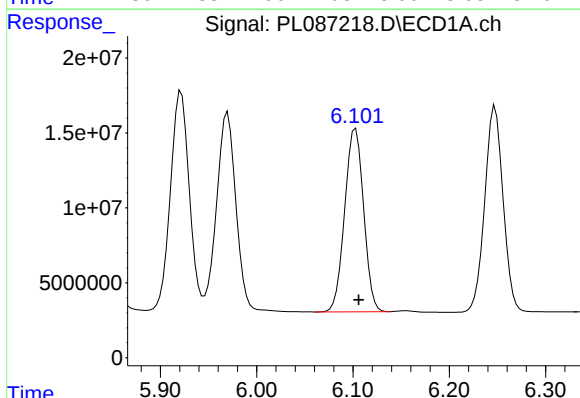
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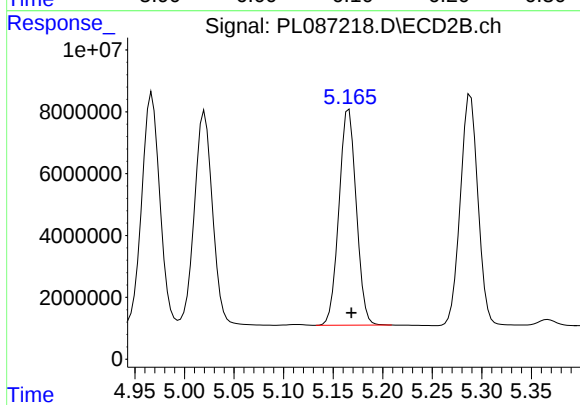
#11 alpha-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.003 min
Response: 94995748
Conc: 41.16 ng/ml



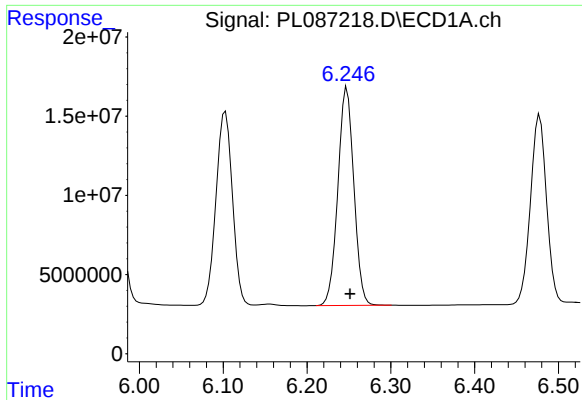
#12 4,4'-DDE

R.T.: 6.103 min
Delta R.T.: -0.003 min
Response: 166248207
Conc: 40.12 ng/ml



#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 84810230
Conc: 42.71 ng/ml



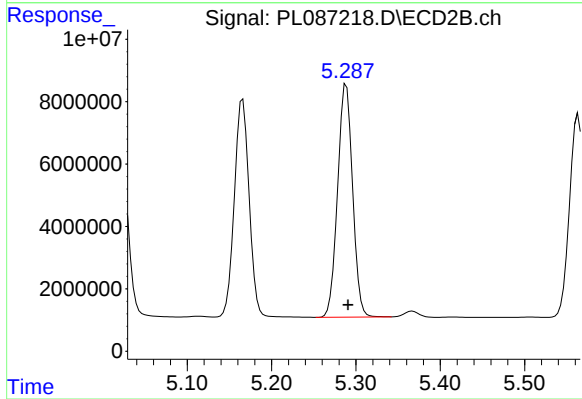
#13 Dieldrin

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 182281235
Conc: 39.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

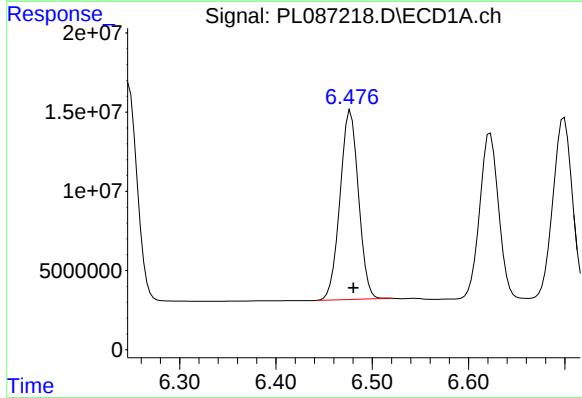
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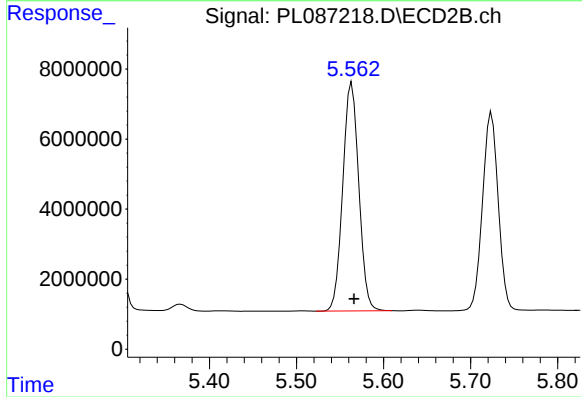
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: -0.002 min
Response: 92227566
Conc: 41.40 ng/ml



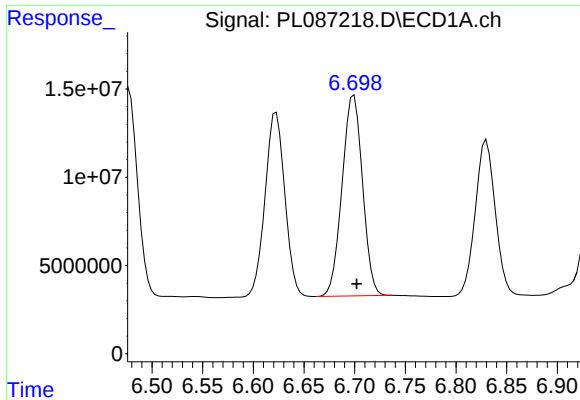
#14 Endrin

R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 159000909
Conc: 41.33 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 83371912
Conc: 41.78 ng/ml



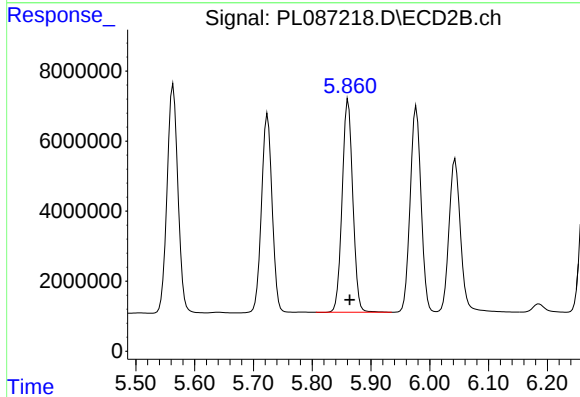
#15 Endosulfan II

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 159527336
Conc: 39.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

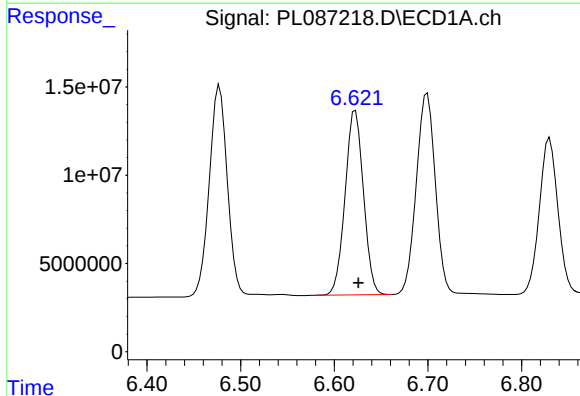
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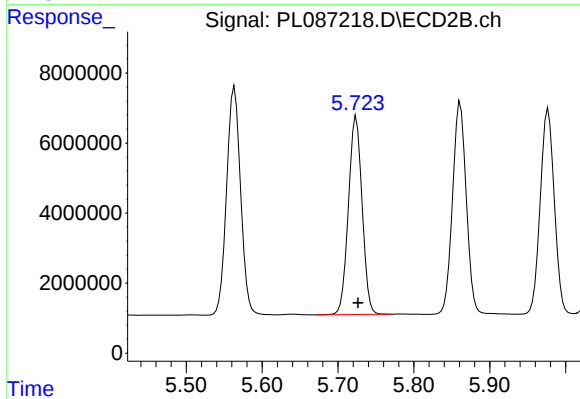
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 76400483
Conc: 39.24 ng/ml



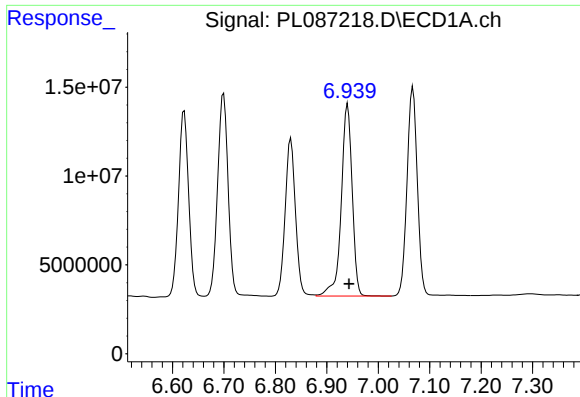
#16 4,4'-DDD

R.T.: 6.623 min
Delta R.T.: -0.003 min
Response: 142281130
Conc: 43.05 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 70973824
Conc: 42.87 ng/ml



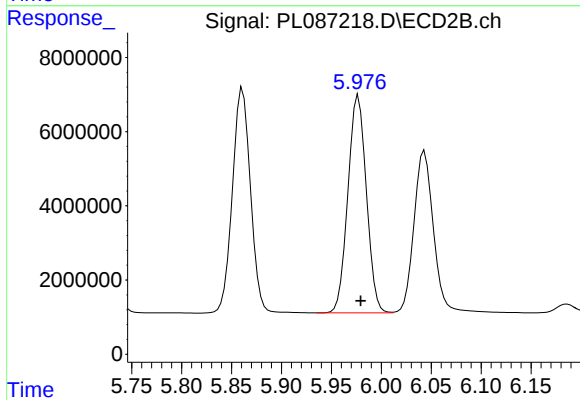
#17 4,4'-DDT

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 159454418
Conc: 42.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

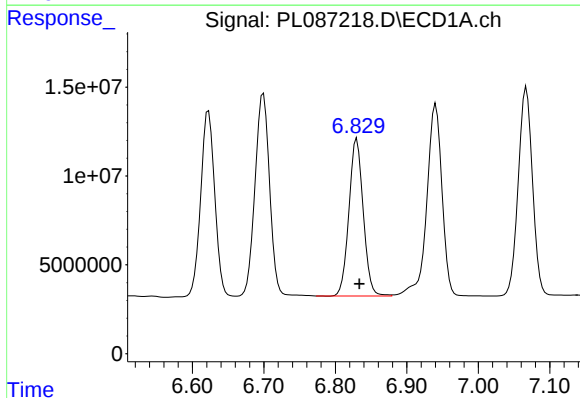
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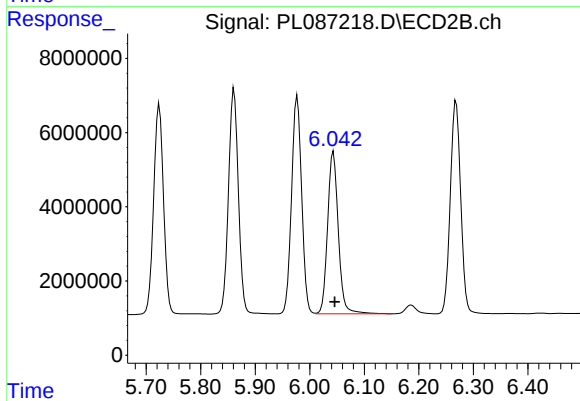
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 75481352
Conc: 40.93 ng/ml



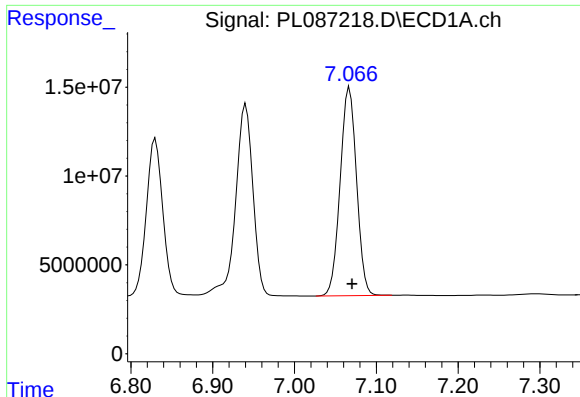
#18 Endrin aldehyde

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 123224326
Conc: 42.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 59657748
Conc: 40.65 ng/ml



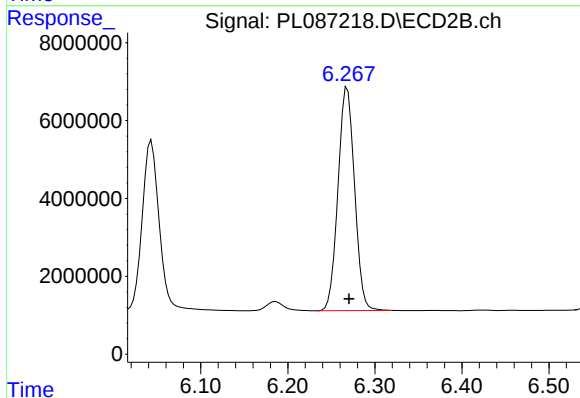
#19 Endosulfan Sulfate

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 162575520
Conc: 41.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

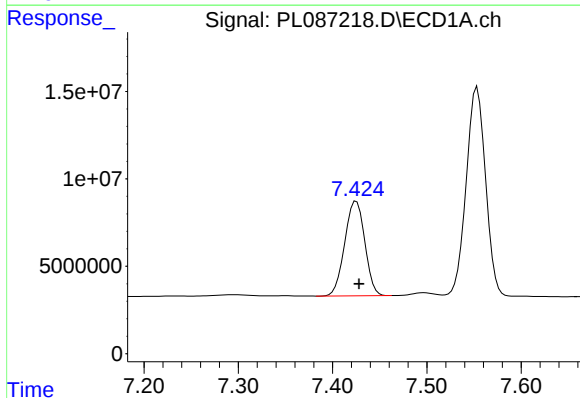
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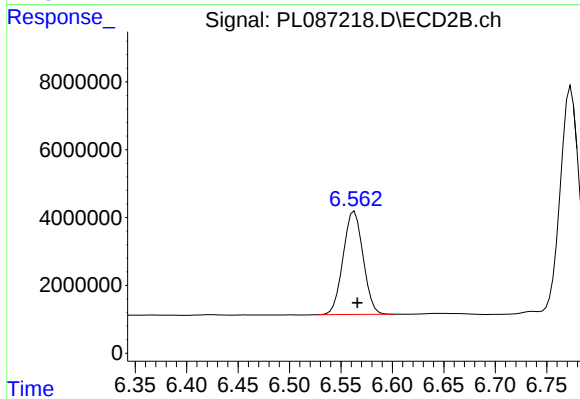
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: -0.002 min
Response: 75802011
Conc: 40.24 ng/ml



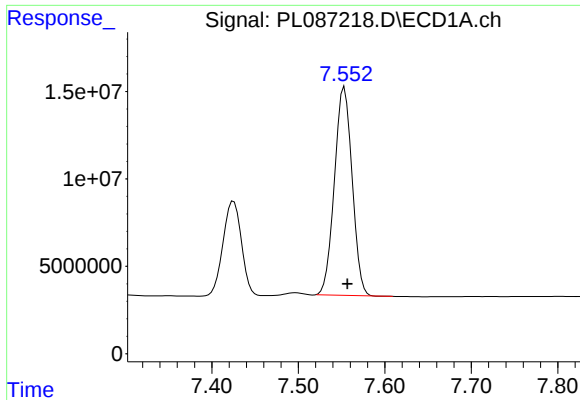
#20 Methoxychlor

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 80312489
Conc: 41.19 ng/ml



#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 41142310
Conc: 40.28 ng/ml



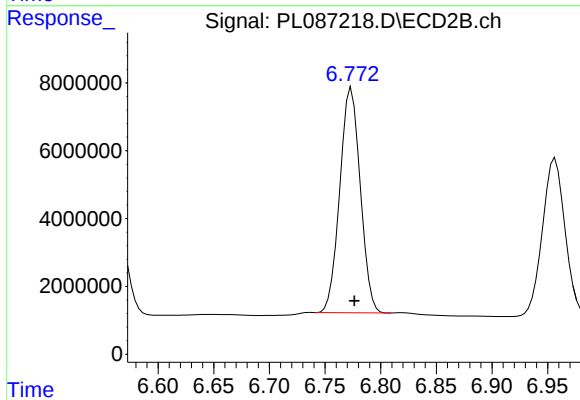
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 168302434
Conc: 41.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

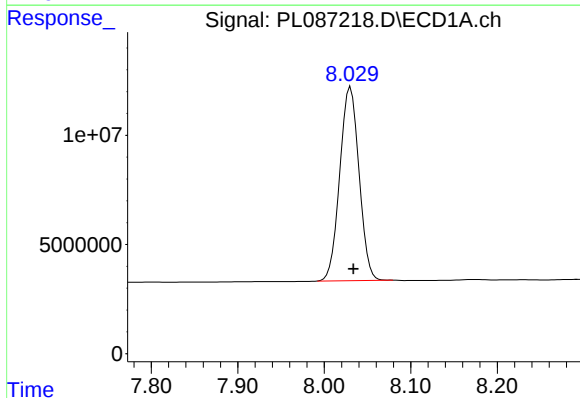
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



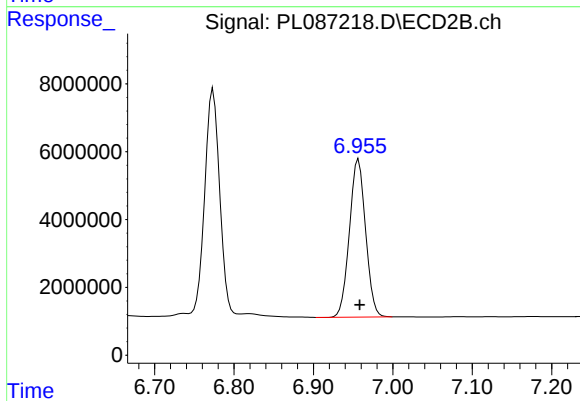
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: -0.003 min
Response: 84966732
Conc: 39.91 ng/ml



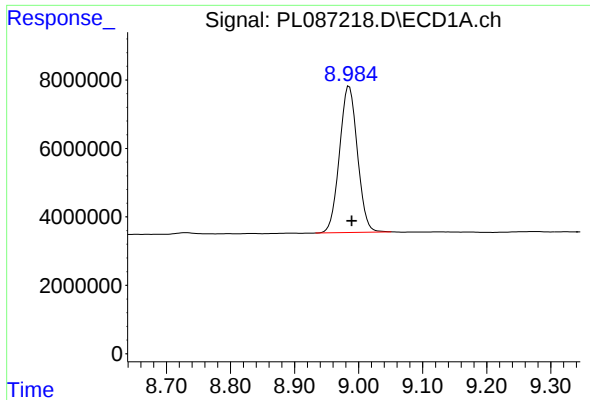
#22 Mirex

R.T.: 8.030 min
Delta R.T.: -0.003 min
Response: 136822677
Conc: 40.62 ng/ml



#22 Mirex

R.T.: 6.957 min
Delta R.T.: -0.002 min
Response: 65780563
Conc: 36.97 ng/ml



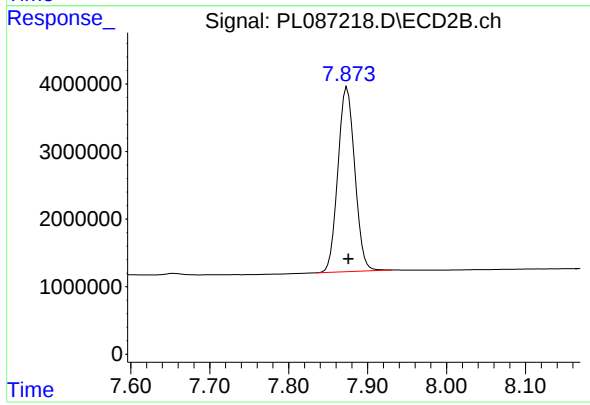
#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: -0.004 min
Response: 83006725
Conc: 24.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

Manual Integrations
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Supervised By :Ankita Jodhani 12/18/2023



#28 Decachlorobiphenyl

R.T.: 7.874 min
Delta R.T.: -0.002 min
Response: 40576733
Conc: 24.02 ng/ml