

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070323\
 Data File : PD076290.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2023 12:19
 Operator : AR\AJ
 Sample : 03486-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BAYONNE-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/04/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 21:39:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.552	2.784f	34533891	16981413	16.212	15.652
28)	SA Decachlor...	9.097	7.931f	35686328	15142298	14.087	15.486
Target Compounds							
2)	A alpha-BHC	4.010	3.286f	263.8E6	112.4E6	71.448	70.259
3)	MA gamma-BHC...	4.343	3.616f	240.6E6	103.6E6	71.491	70.324
4)	MA Heptachlor	4.934	3.957f	247.8E6	104.4E6	69.089	68.705
5)	MB Aldrin	5.278	4.237f	243.1E6	103.0E6	69.363	69.095
6)	B beta-BHC	4.540	3.914f	96759147	42463615	67.300	66.619
7)	B delta-BHC	4.788	4.144f	235.6E6	101.5E6	70.886	70.039
8)	B Heptachlo...	5.705	4.740f	203.8E6	92473103	63.247	67.320
9)	A Endosulfan I	6.092	5.110f	201.0E6	87336711	67.007	68.328
10)	B gamma-Chl...	5.961	4.991f	219.5E6	94439738	68.136	68.828
11)	B alpha-Chl...	6.041	5.055f	215.3E6	92986413	66.591	67.786
12)	B 4,4'-DDE	6.213	5.244f	201.1E6	84454919	70.345	75.665
13)	MA Dieldrin	6.367	5.375f	213.1E6	92392682	68.208	68.481
14)	MA Endrin	6.598	5.652f	175.2E6	81268358	65.513	66.778
15)	B Endosulfa...	6.817	5.946f	167.3E6	74771226	64.748	69.306
16)	A 4,4'-DDD	6.731	5.799f	165.7E6	69669812	72.805	79.056
17)	MA 4,4'-DDT	7.046	6.050f	164.0E6	67550418	72.281	83.160
18)	B Endrin al...	6.946	6.125f	131.1E6	58988699	65.317m	68.156
19)	B Endosulfa...	7.183	6.348f	167.2E6	75501853	66.368	69.870
20)	A Methoxychlor	7.522	6.626f	84247901	34526362	65.087	74.596
21)	B Endrin ke...	7.669	6.854f	189.9E6	87163468	68.177	71.742
22)	Mirex	8.144	7.037f	134.7E6	66427053	62.865	63.371

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

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Operator : AR\AJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

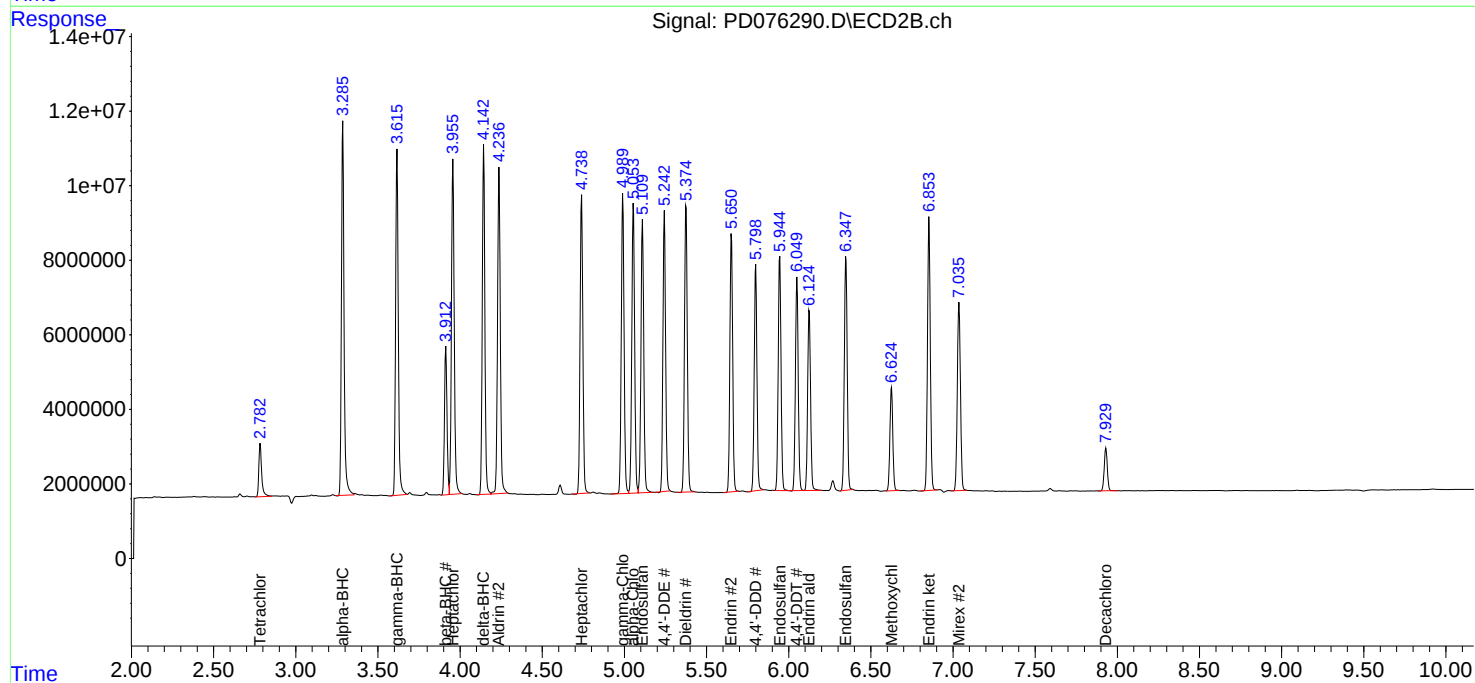
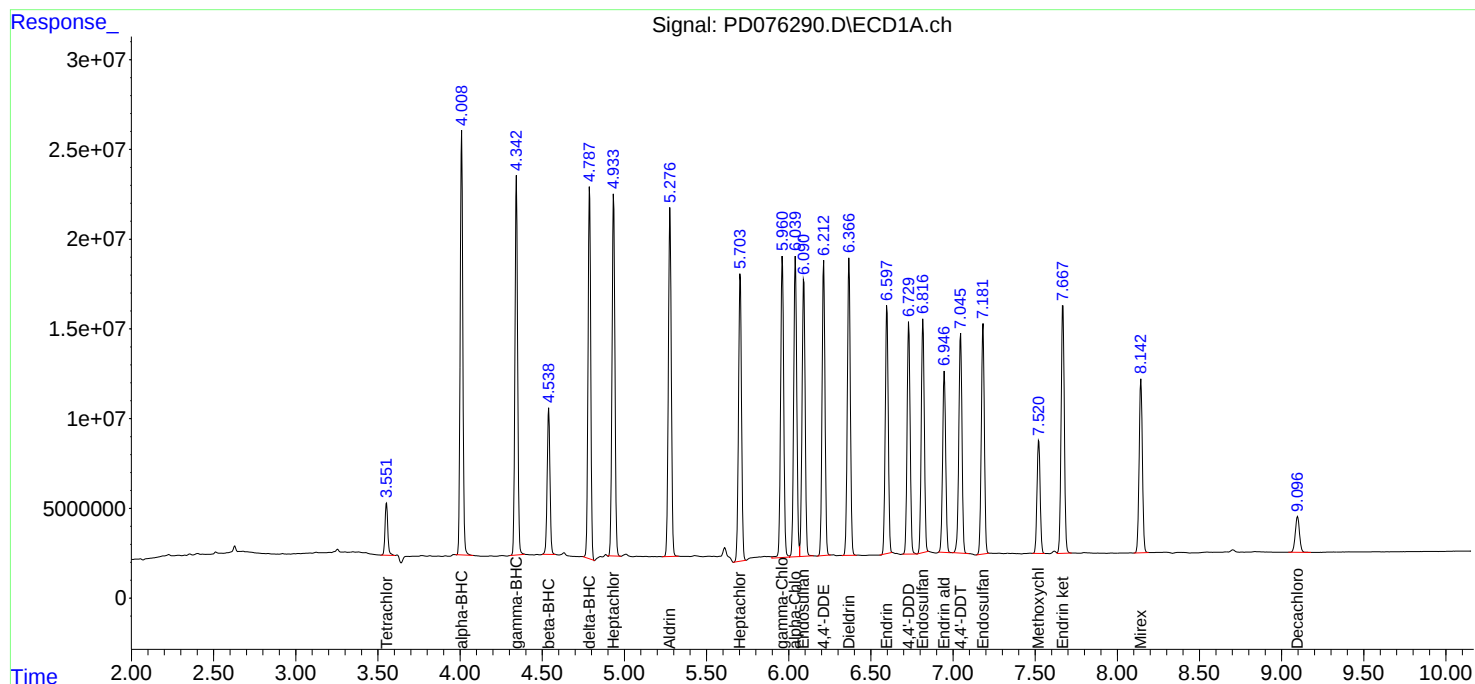
Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

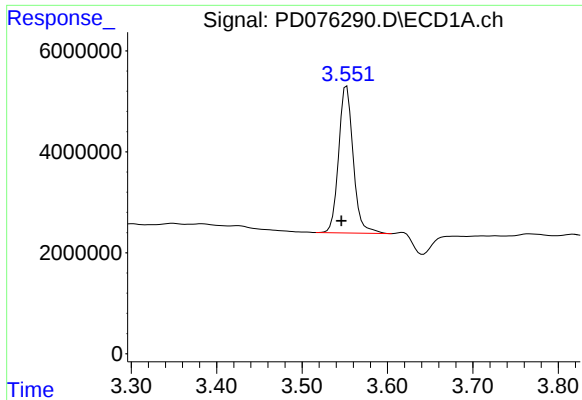
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Integration File signal 1: autoint1.e
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Quant Time: Jul 03 21:39:59 2023
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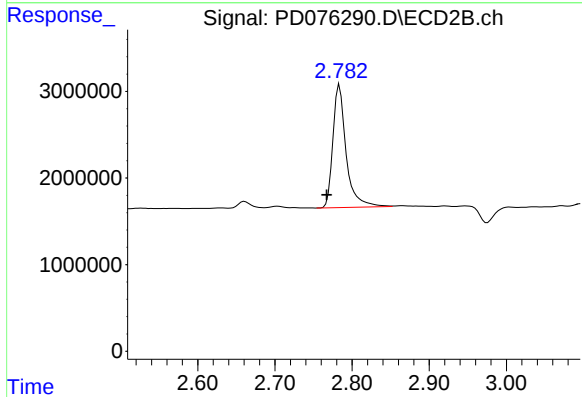
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.006 min
Response: 34533891
Conc: 16.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

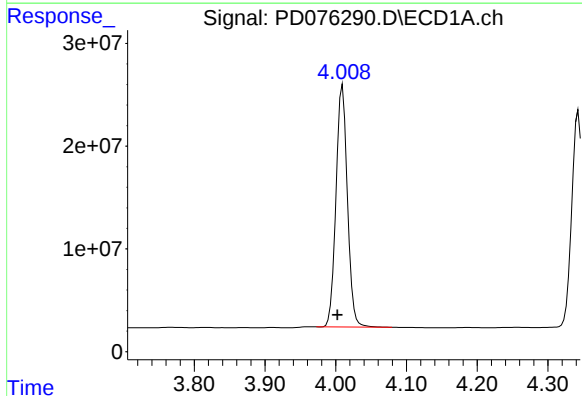
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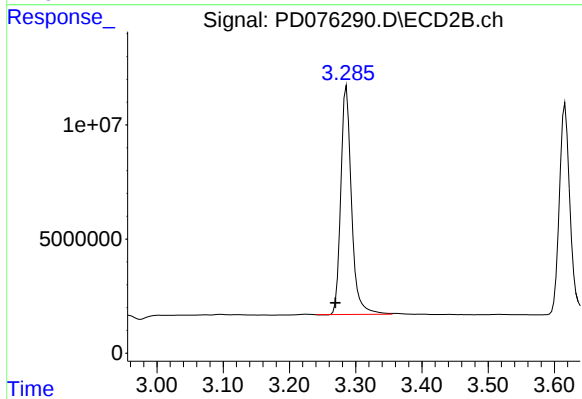
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: 0.017 min
Response: 16981413
Conc: 15.65 ng/ml



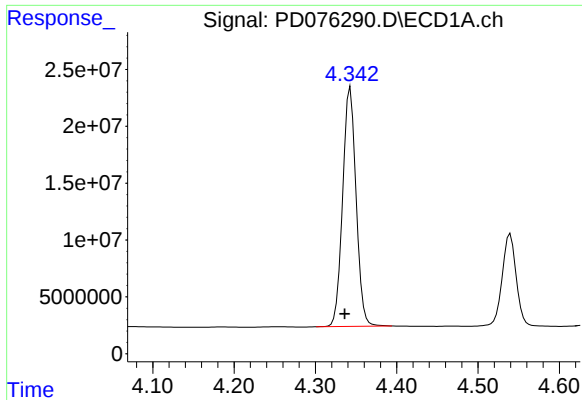
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: 0.007 min
Response: 263792760
Conc: 71.45 ng/ml



#2 alpha-BHC

R.T.: 3.286 min
Delta R.T.: 0.017 min
Response: 112397877
Conc: 70.26 ng/ml



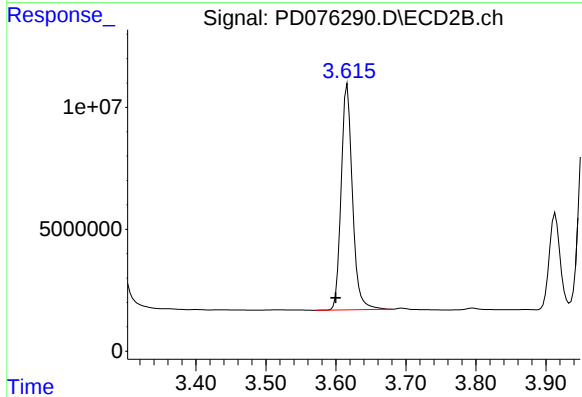
#3 gamma-BHC (Lindane)

R.T.: 4.343 min
Delta R.T.: 0.007 min
Response: 240560042
Conc: 71.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

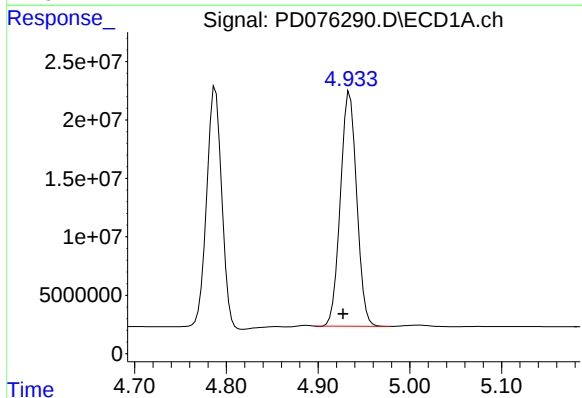
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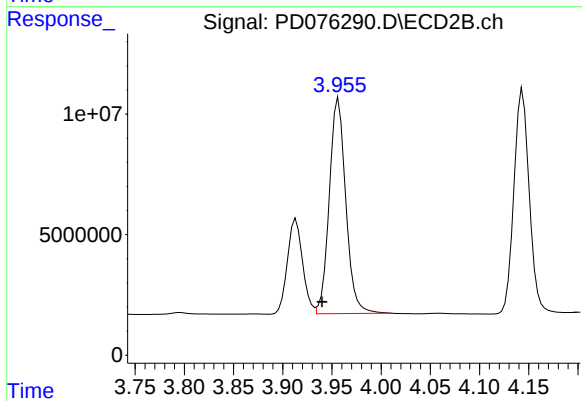
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: 0.017 min
Response: 103617811
Conc: 70.32 ng/ml



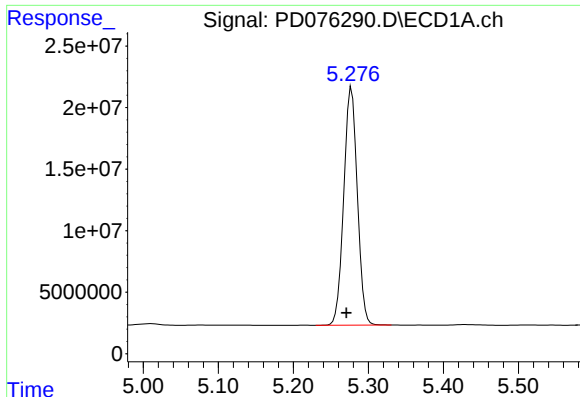
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.007 min
Response: 247795899
Conc: 69.09 ng/ml



#4 Heptachlor

R.T.: 3.957 min
Delta R.T.: 0.017 min
Response: 104352957
Conc: 68.71 ng/ml



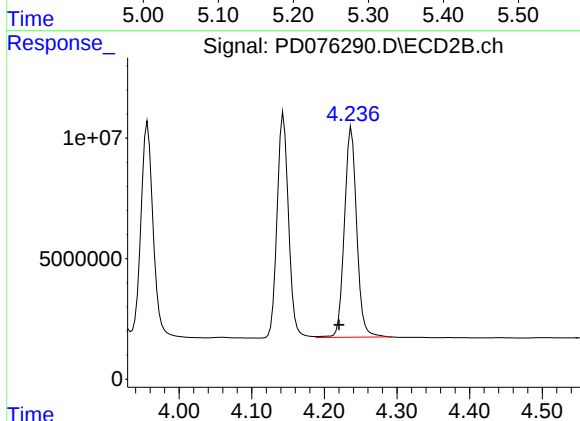
#5 Aldrin

R.T.: 5.278 min
Delta R.T.: 0.007 min
Response: 243062139
Conc: 69.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

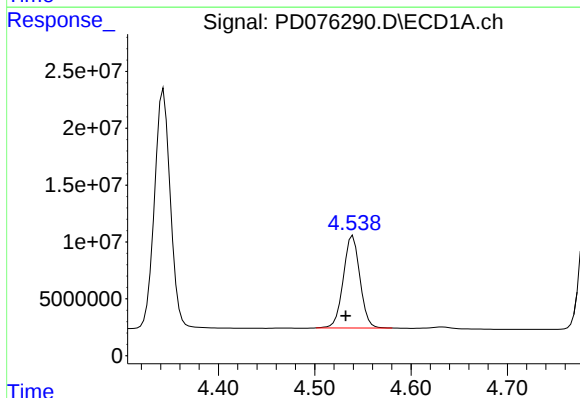
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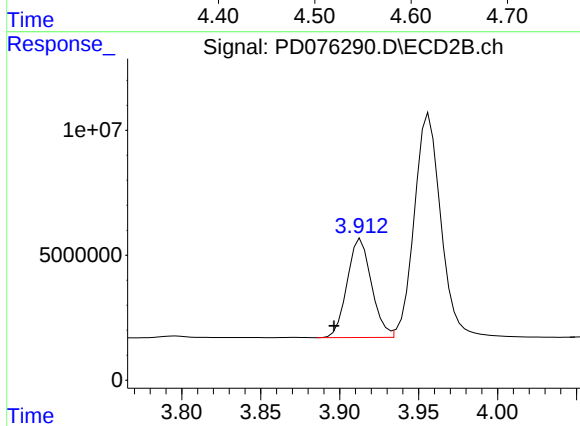
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: 0.017 min
Response: 103033483
Conc: 69.09 ng/ml



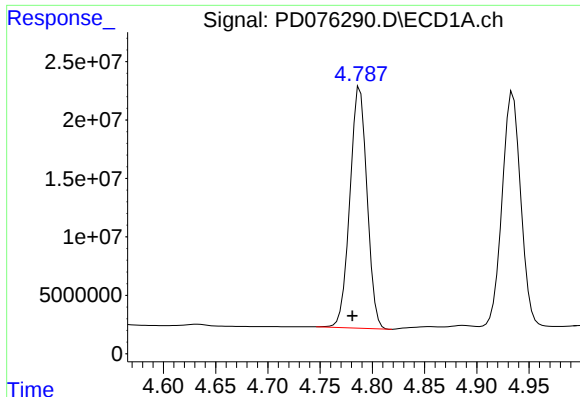
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: 0.007 min
Response: 96759147
Conc: 67.30 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: 0.017 min
Response: 42463615
Conc: 66.62 ng/ml



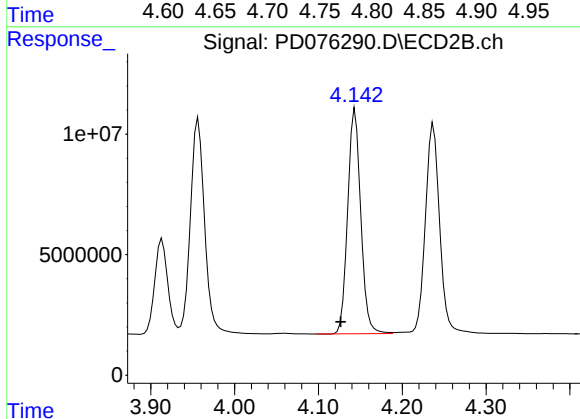
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.007 min
Response: 235601596
Conc: 70.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

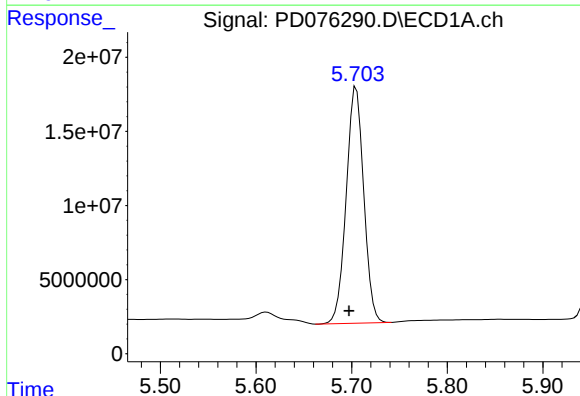
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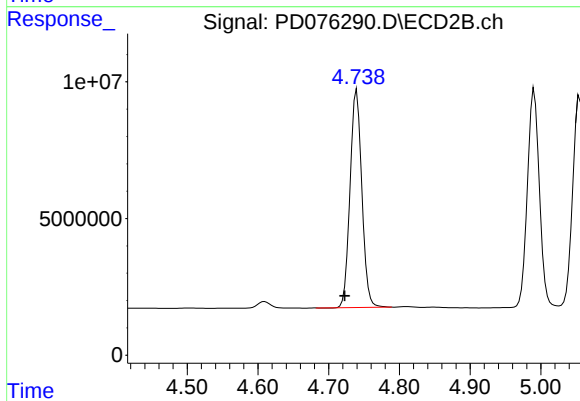
#7 delta-BHC

R.T.: 4.144 min
Delta R.T.: 0.017 min
Response: 101485245
Conc: 70.04 ng/ml



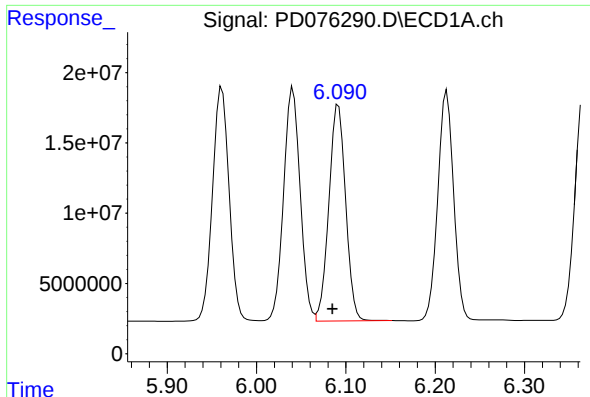
#8 Heptachlor epoxide

R.T.: 5.705 min
Delta R.T.: 0.008 min
Response: 203800888
Conc: 63.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.740 min
Delta R.T.: 0.017 min
Response: 92473103
Conc: 67.32 ng/ml



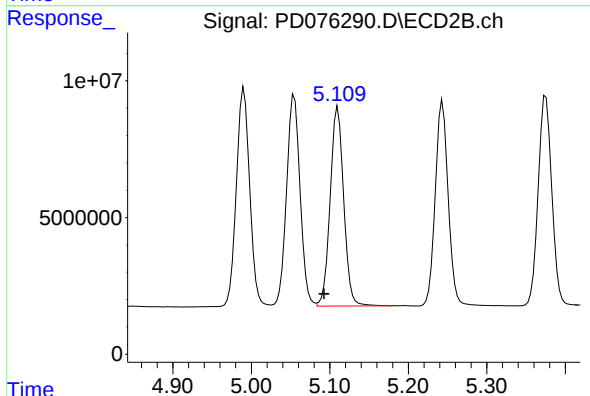
#9 Endosulfan I

R.T.: 6.092 min
Delta R.T.: 0.007 min
Response: 200985670
Conc: 67.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

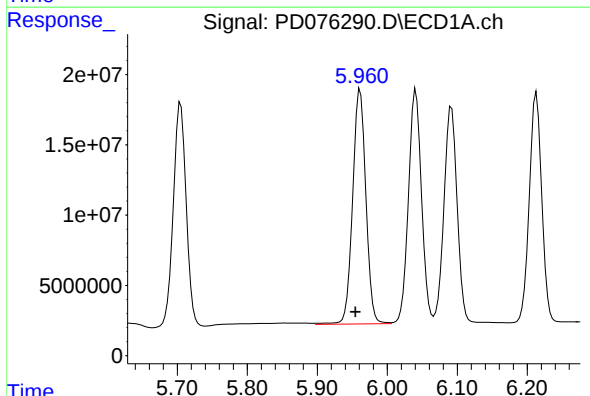
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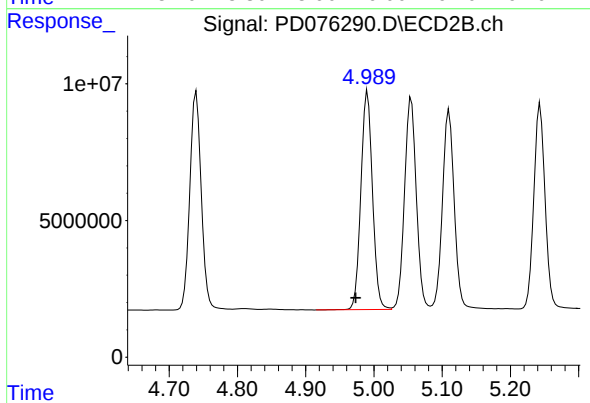
#9 Endosulfan I

R.T.: 5.110 min
Delta R.T.: 0.018 min
Response: 87336711
Conc: 68.33 ng/ml



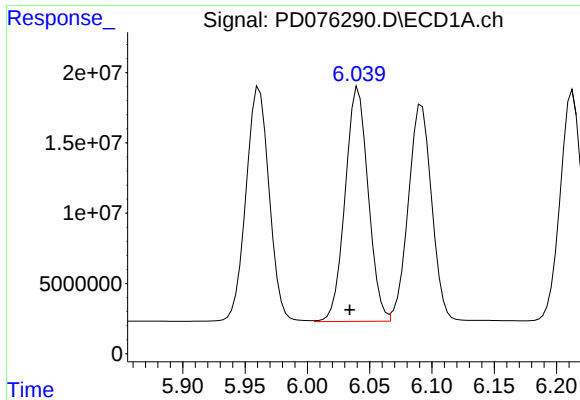
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.007 min
Response: 219489595
Conc: 68.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.991 min
Delta R.T.: 0.018 min
Response: 94439738
Conc: 68.83 ng/ml



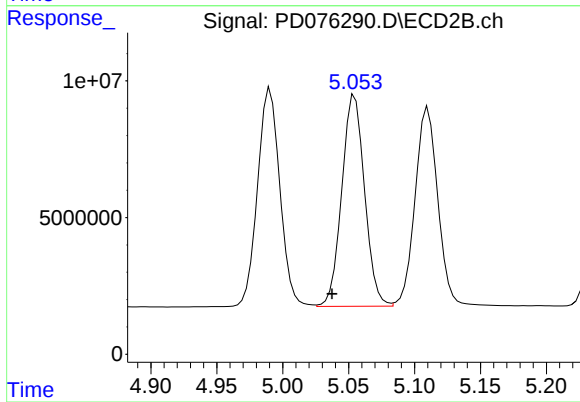
#11 alpha-Chlordane

R.T.: 6.041 min
Delta R.T.: 0.007 min
Response: 215279810
Conc: 66.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

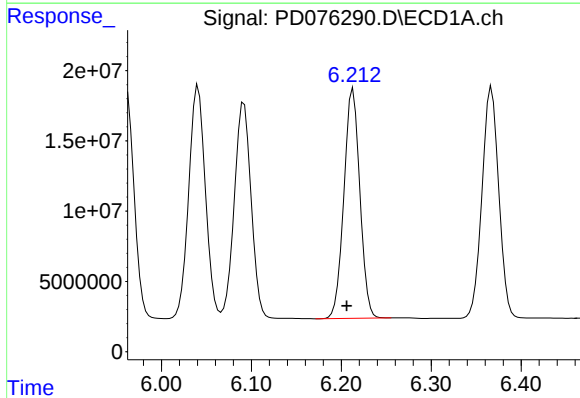
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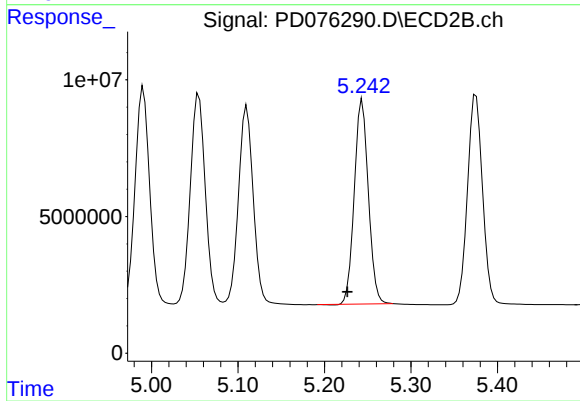
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: 0.017 min
Response: 92986413
Conc: 67.79 ng/ml



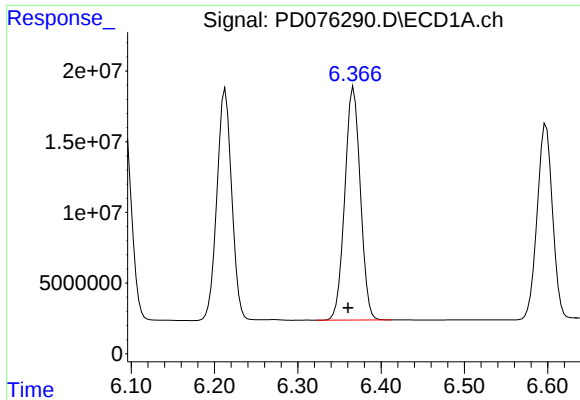
#12 4,4'-DDE

R.T.: 6.213 min
Delta R.T.: 0.007 min
Response: 201057076
Conc: 70.35 ng/ml



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: 0.017 min
Response: 84454919
Conc: 75.67 ng/ml



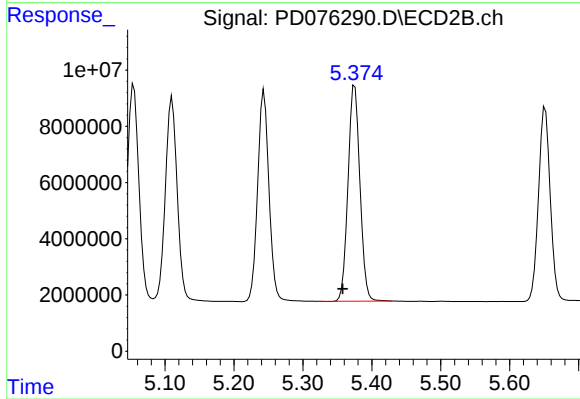
#13 Dieldrin

R.T.: 6.367 min
Delta R.T.: 0.007 min
Response: 213148407
Conc: 68.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

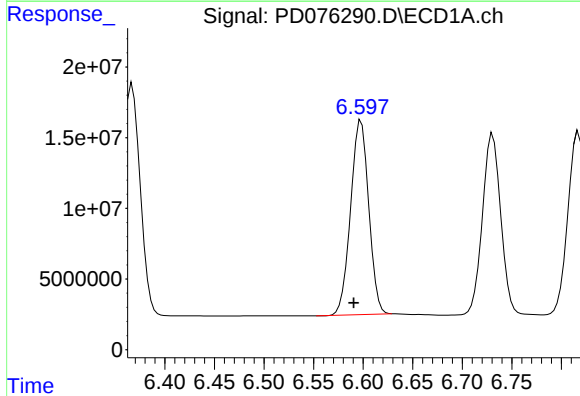
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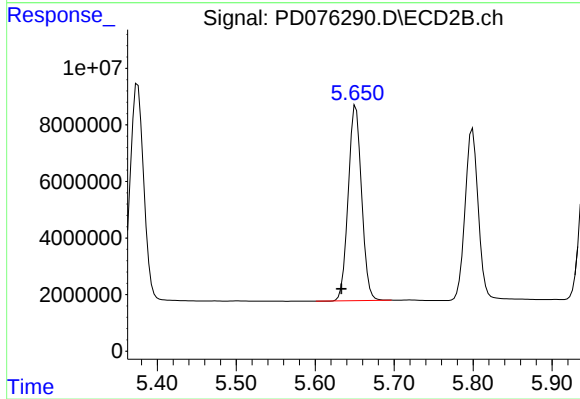
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: 0.017 min
Response: 92392682
Conc: 68.48 ng/ml



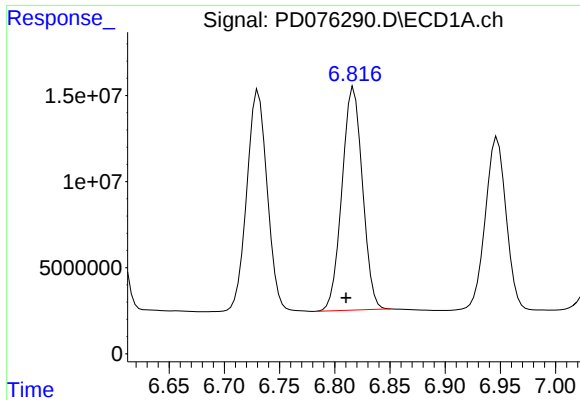
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.007 min
Response: 175203466
Conc: 65.51 ng/ml



#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.018 min
Response: 81268358
Conc: 66.78 ng/ml



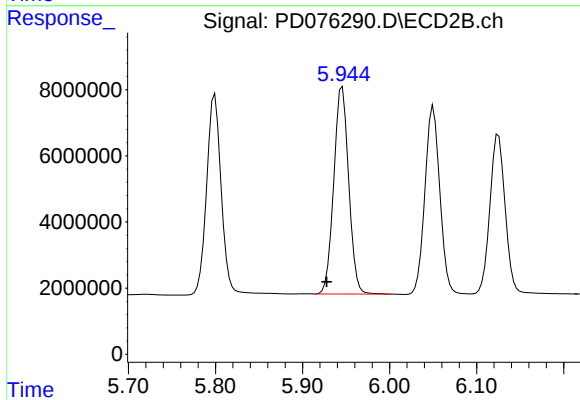
#15 Endosulfan II

R.T.: 6.817 min
Delta R.T.: 0.007 min
Response: 167283880
Conc: 64.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

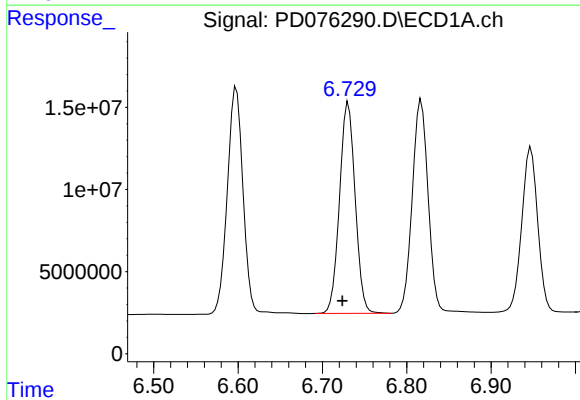
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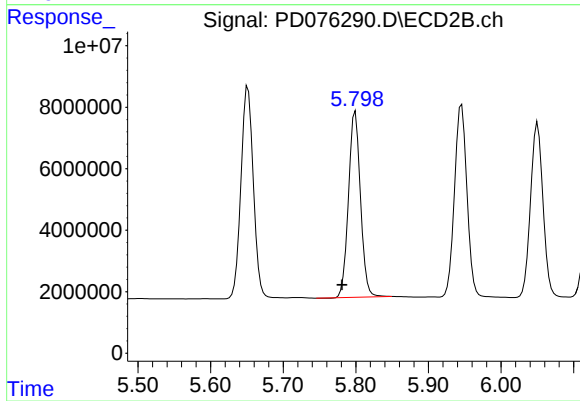
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: 0.018 min
Response: 74771226
Conc: 69.31 ng/ml



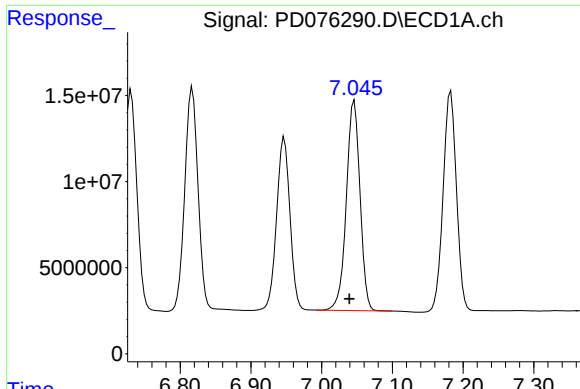
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.007 min
Response: 165677799
Conc: 72.81 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: 0.018 min
Response: 69669812
Conc: 79.06 ng/ml



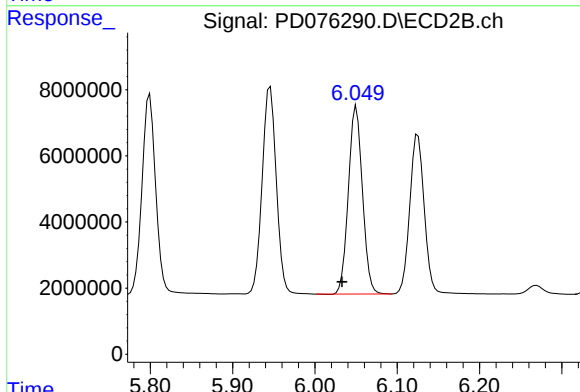
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.007 min
Response: 164023766
Conc: 72.28 ng/ml

Instrument :
ECD_D
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BAYONNE-COMPMS

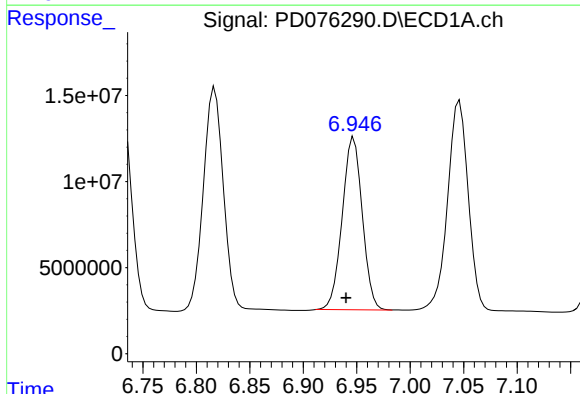
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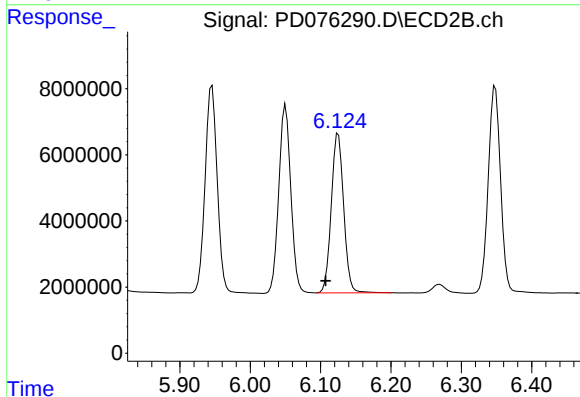
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.017 min
Response: 67550418
Conc: 83.16 ng/ml



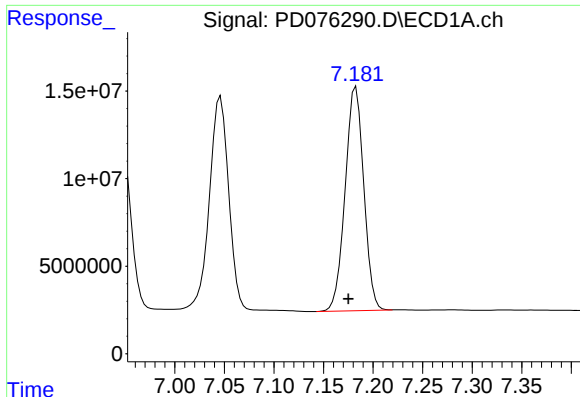
#18 Endrin aldehyde

R.T.: 6.946 min
Delta R.T.: 0.006 min
Response: 131065397
Conc: 65.32 ng/ml m



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: 0.018 min
Response: 58988699
Conc: 68.16 ng/ml



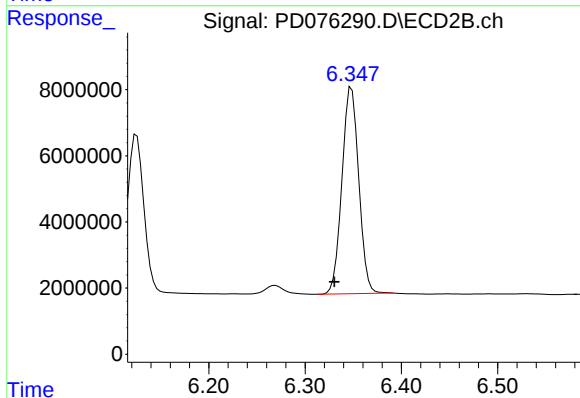
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: 0.008 min
Response: 167205541
Conc: 66.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

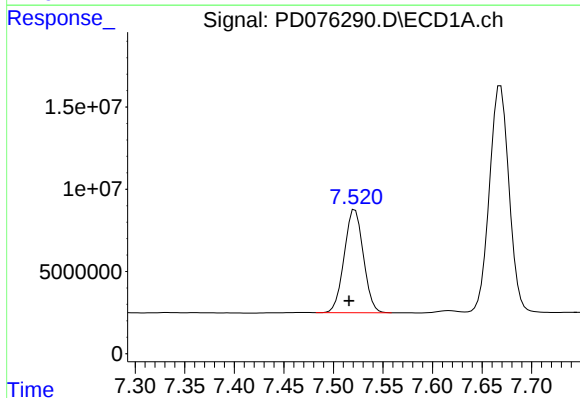
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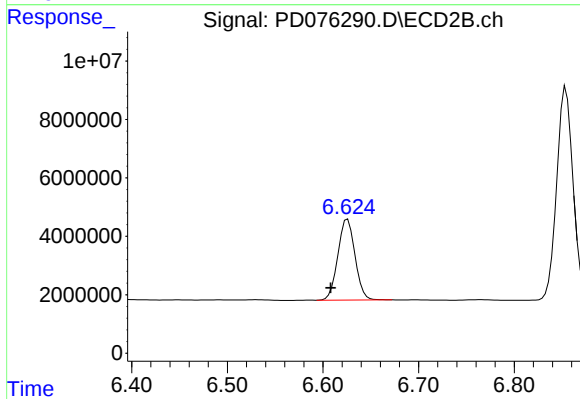
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: 0.018 min
Response: 75501853
Conc: 69.87 ng/ml



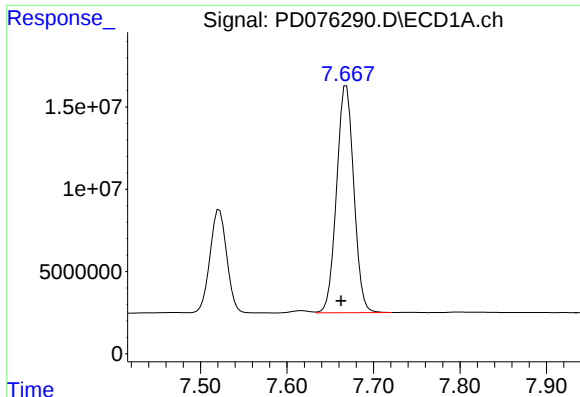
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.006 min
Response: 84247901
Conc: 65.09 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: 0.018 min
Response: 34526362
Conc: 74.60 ng/ml



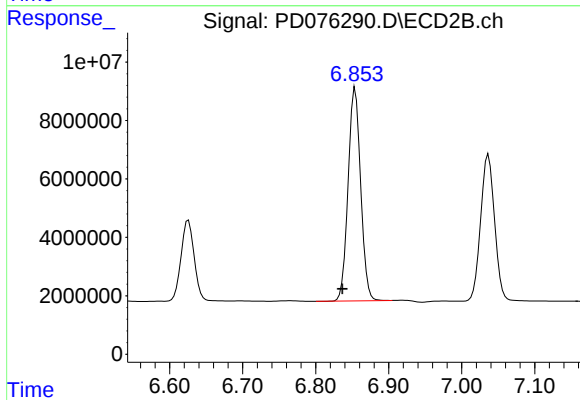
#21 Endrin ketone

R.T.: 7.669 min
Delta R.T.: 0.006 min
Response: 189938467
Conc: 68.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

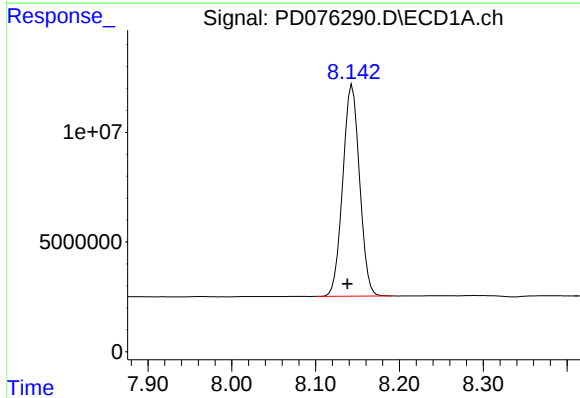
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/04/2023
Supervised By :Ankita Jodhani 07/05/2023



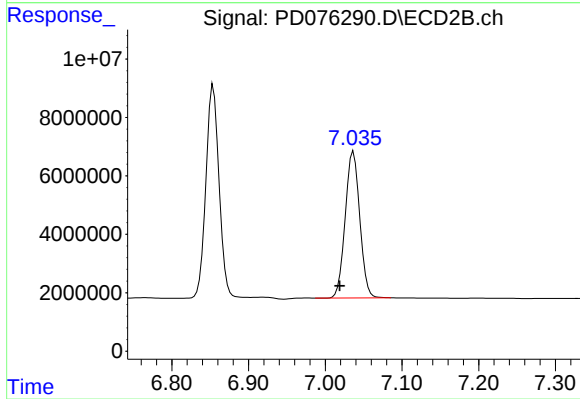
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: 0.017 min
Response: 87163468
Conc: 71.74 ng/ml



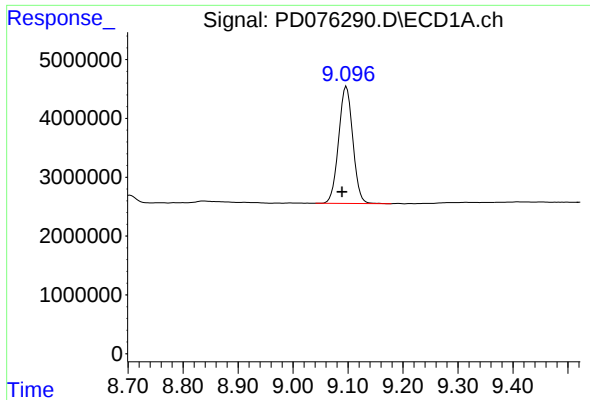
#22 Mirex

R.T.: 8.144 min
Delta R.T.: 0.006 min
Response: 134691556
Conc: 62.87 ng/ml



#22 Mirex

R.T.: 7.037 min
Delta R.T.: 0.018 min
Response: 66427053
Conc: 63.37 ng/ml



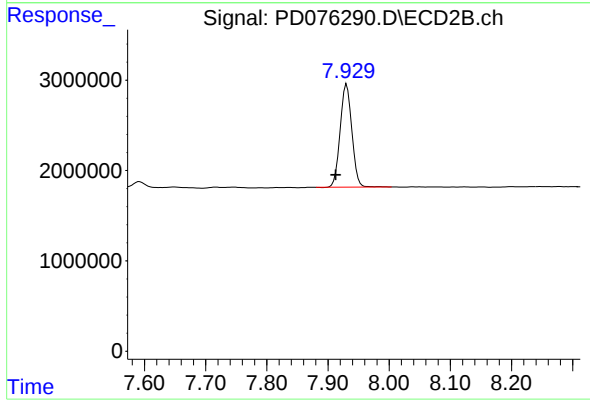
#28 Decachlorobiphenyl

R.T.: 9.097 min
Delta R.T.: 0.008 min
Response: 35686328
Conc: 14.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMS

Manual Integrations
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Supervised By :Ankita Jodhani 07/05/2023



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: 0.018 min
Response: 15142298
Conc: 15.49 ng/ml