

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070323\
 Data File : PD076291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2023 12:32
 Operator : AR\AJ
 Sample : 03486-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BAYONNE-COMPMSD

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 21:41:17 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...	3.546	2.767	36239076	17211516	17.013	15.864
28)	SA Decachlor...	9.091	7.912	36264058	15149037	14.315	15.493
Target Compounds							
2)	A alpha-BHC	4.003	3.269	262.8E6	113.8E6	71.169	71.109
3)	MA gamma-BHC...	4.337	3.599	238.8E6	104.5E6	70.959	70.952
4)	MA Heptachlor	4.928	3.938	247.1E6	105.1E6	68.901	69.203
5)	MB Aldrin	5.271	4.219	242.7E6	104.3E6	69.272	69.913
6)	B beta-BHC	4.533	3.896	95728935	43167010	66.584	67.723
7)	B delta-BHC	4.782	4.125	236.1E6	103.5E6	71.043	71.401
8)	B Heptachlo...	5.699	4.721	205.2E6	93388451	63.680	67.986
9)	A Endosulfan I	6.086	5.092	201.6E6	87766900	67.199	68.664
10)	B gamma-Chl...	5.956	4.972	219.5E6	95188846	68.143	69.374
11)	B alpha-Chl...	6.035	5.036	215.8E6	93475955	66.746	68.143
12)	B 4,4'-DDE	6.208	5.225	202.8E6	87447458	70.967	78.346
13)	MA Dieldrin	6.362	5.357	213.5E6	93622912	68.320	69.393
14)	MA Endrin	6.593	5.633	176.3E6	81717283	65.922	67.147
15)	B Endosulfa...	6.812	5.927	168.0E6	75627828	65.029	70.100
16)	A 4,4'-DDD	6.726	5.780	166.9E6	72035639	73.331	81.741
17)	MA 4,4'-DDT	7.041	6.032	165.1E6	68766550	72.735	84.657
18)	B Endrin al...	6.941	6.106	132.2E6	60071284	65.893m	69.407
19)	B Endosulfa...	7.178	6.329	167.6E6	76816624	66.532	71.086
20)	A Methoxychlor	7.517	6.607	85491488	35599611	66.048	76.915
21)	B Endrin ke...	7.665	6.837	192.0E6	88186068	68.925	72.584
22)	Mirex	8.140	7.018	136.5E6	66917502	63.706	63.839

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

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 ALS Vial : 9 Sample Multiplier: 1

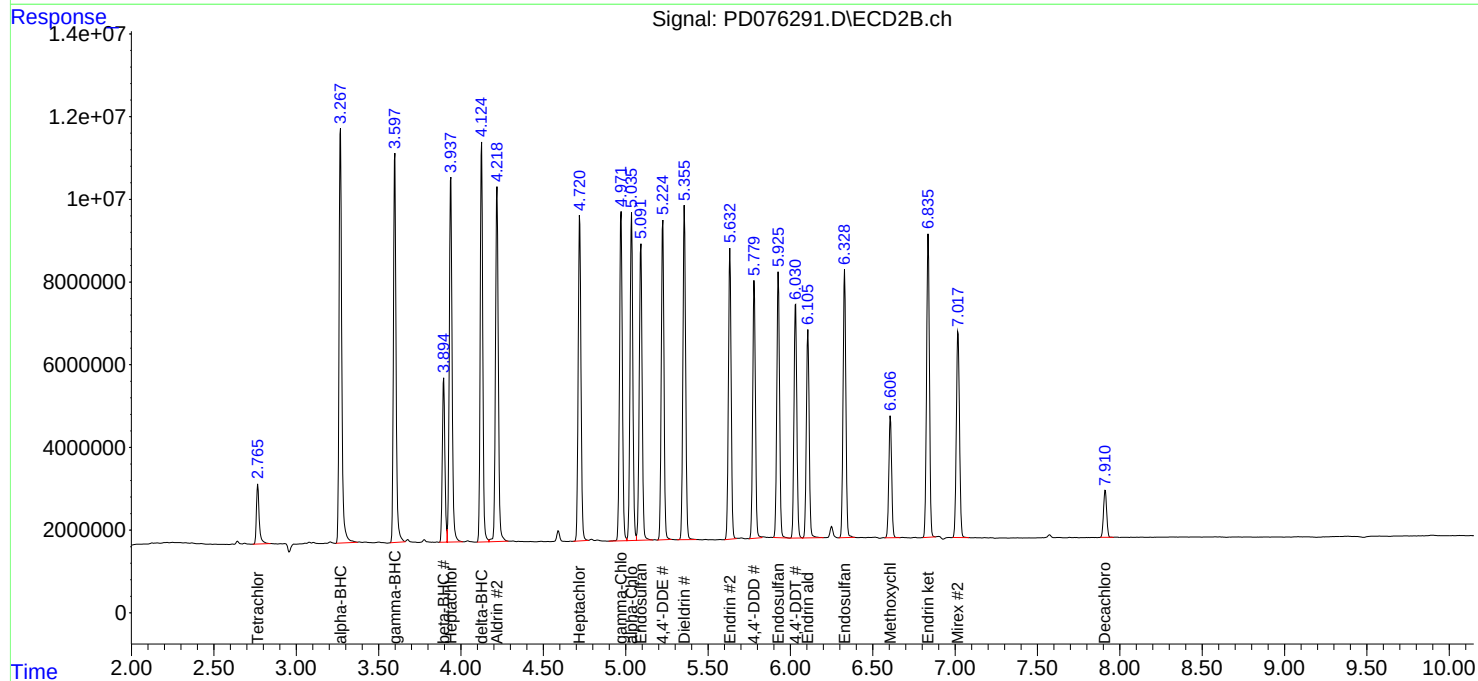
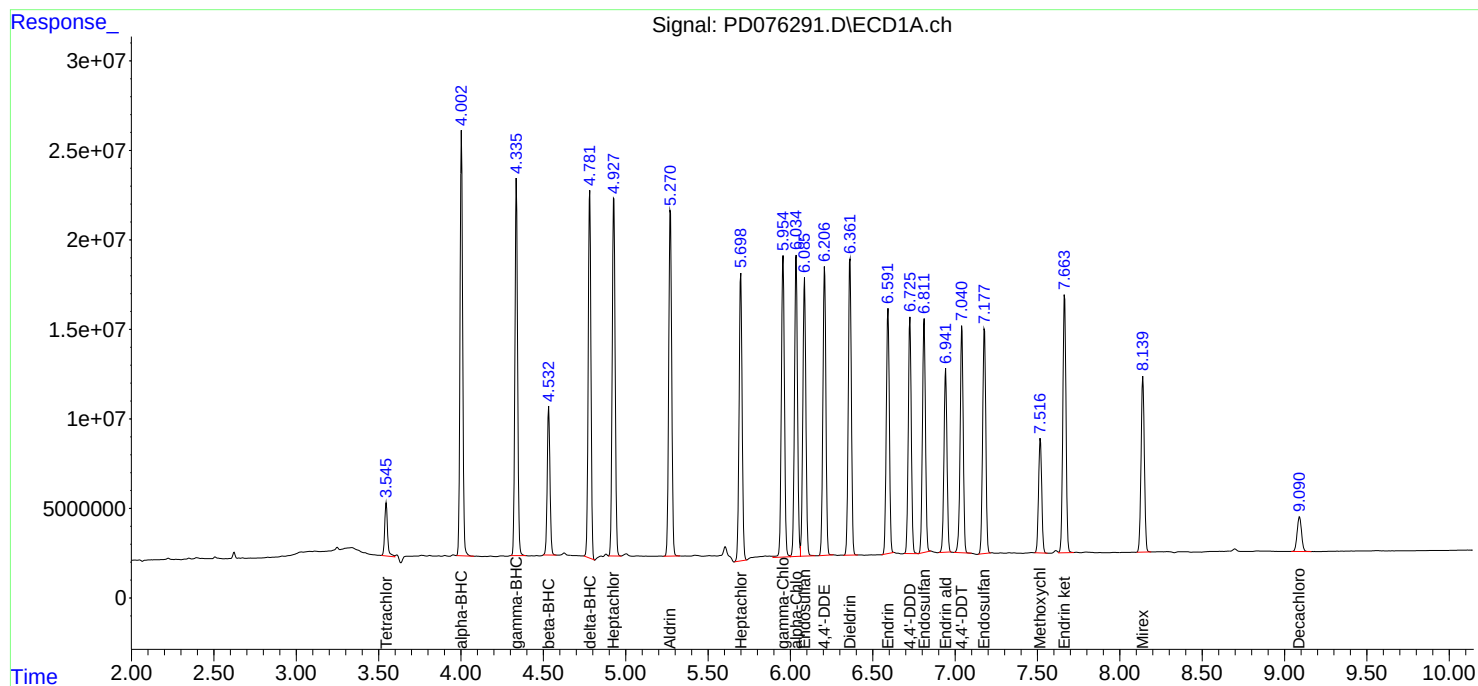
Instrument :
 ECD_D
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 BAYONNE-COMPMSD

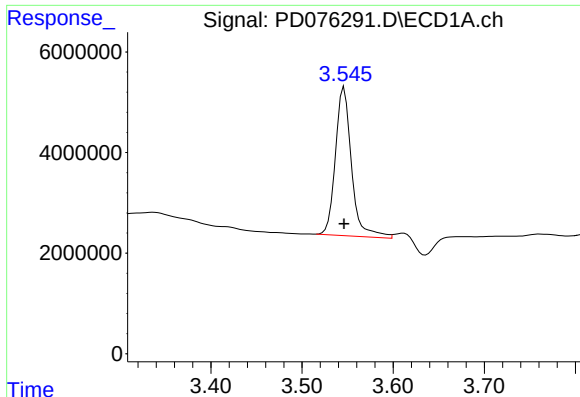
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Integration File signal 1: autoint1.e
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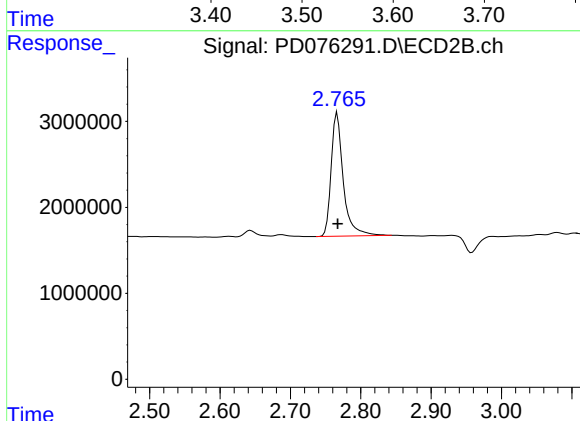
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 36239076
Conc: 17.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMSD

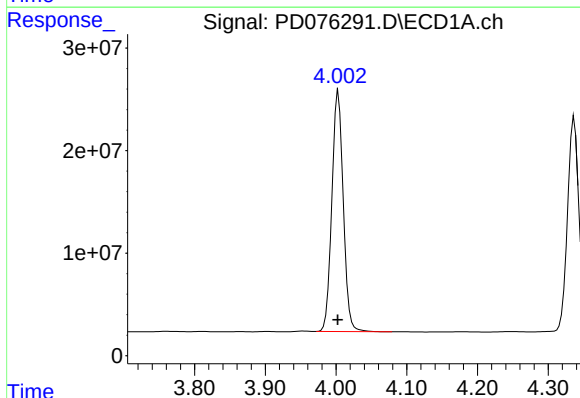
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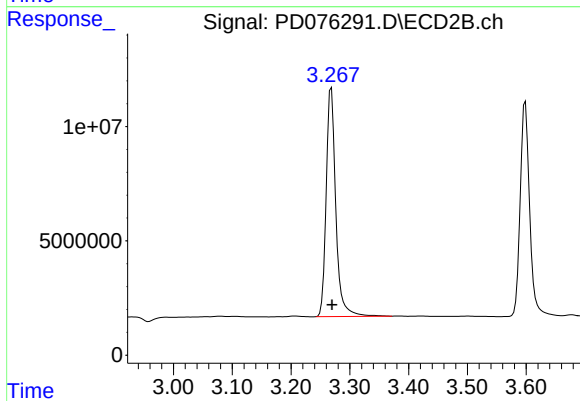
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 17211516
Conc: 15.86 ng/ml



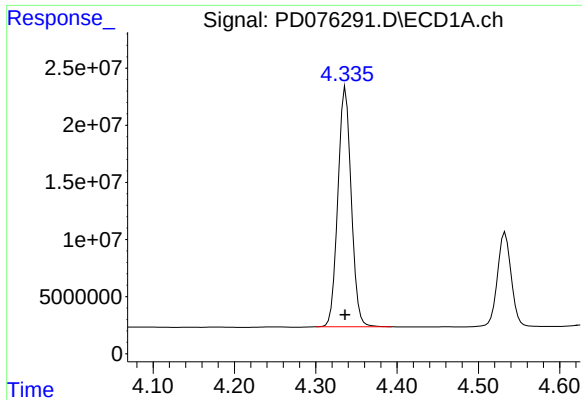
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 262763240
Conc: 71.17 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.001 min
Response: 113756888
Conc: 71.11 ng/ml



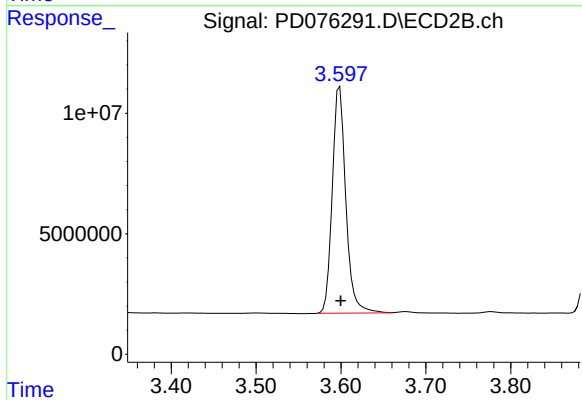
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 238768910
Conc: 70.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMSD

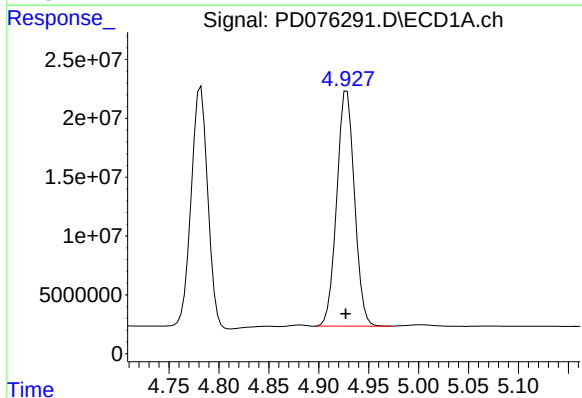
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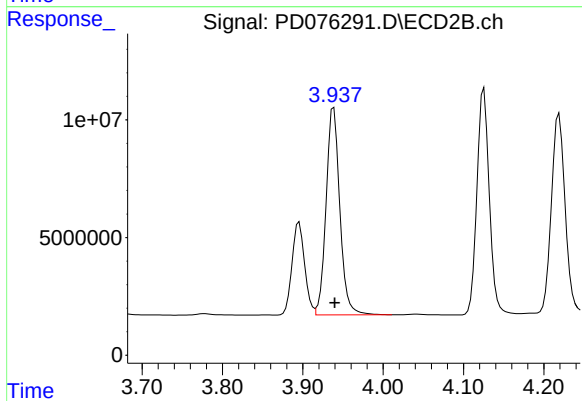
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 104542296
Conc: 70.95 ng/ml



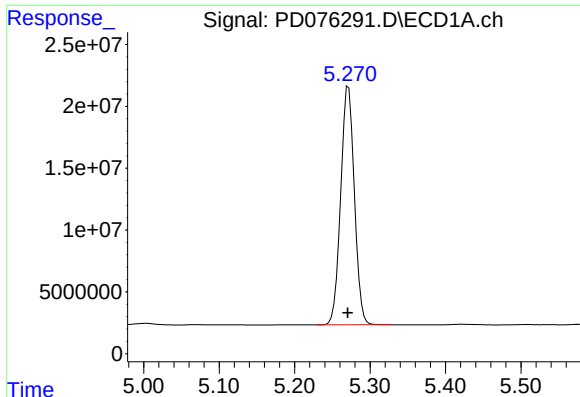
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 247121491
Conc: 68.90 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 105108500
Conc: 69.20 ng/ml



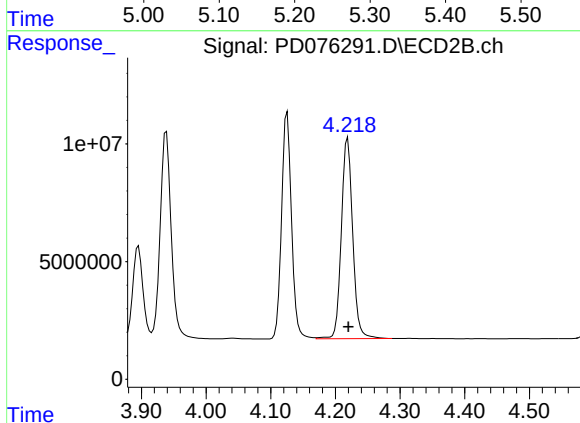
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 242744412
Conc: 69.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMSD

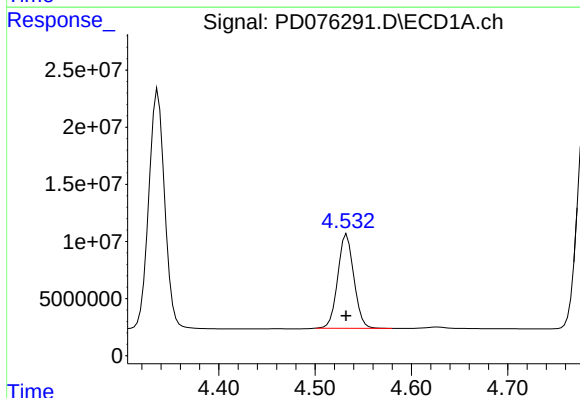
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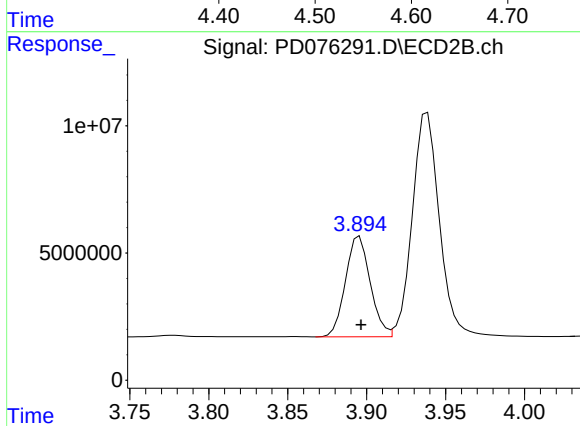
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.001 min
Response: 104253752
Conc: 69.91 ng/ml



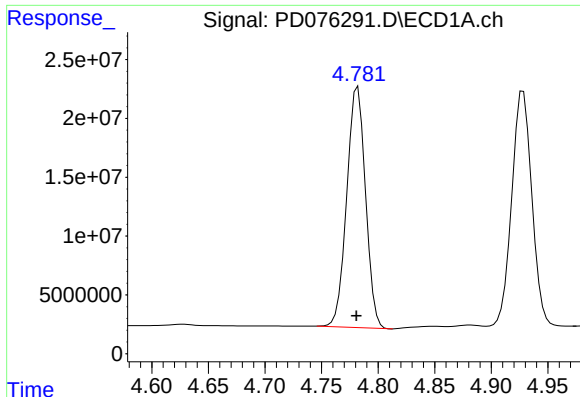
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 95728935
Conc: 66.58 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 43167010
Conc: 67.72 ng/ml



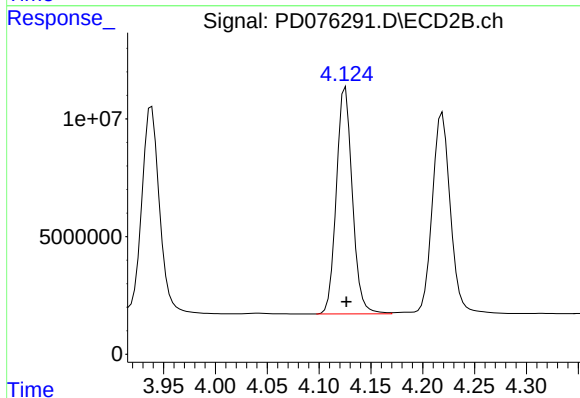
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.001 min
Response: 236122086
Conc: 71.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMSD

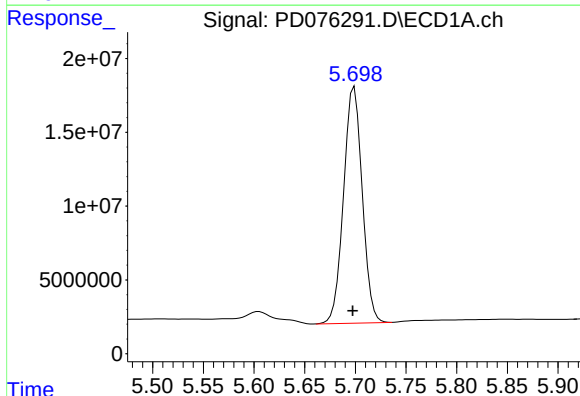
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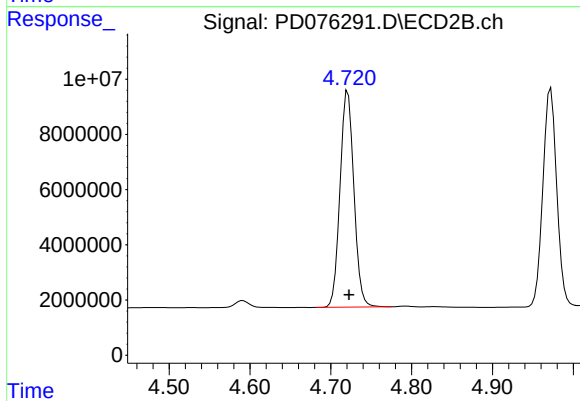
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 103458466
Conc: 71.40 ng/ml



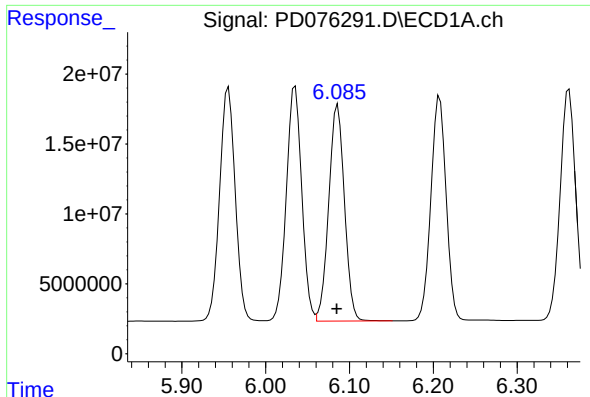
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 205196978
Conc: 63.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 93388451
Conc: 67.99 ng/ml



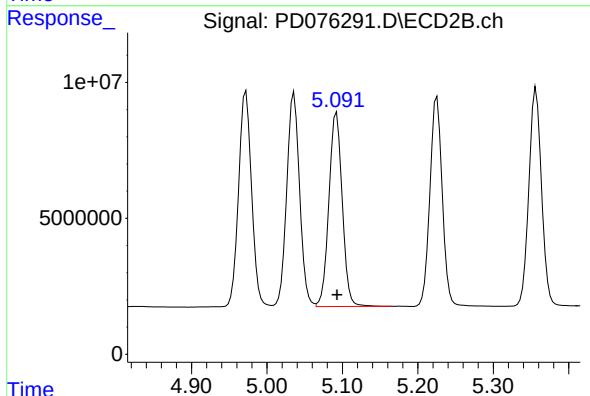
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.001 min
Response: 201561858
Conc: 67.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMSD

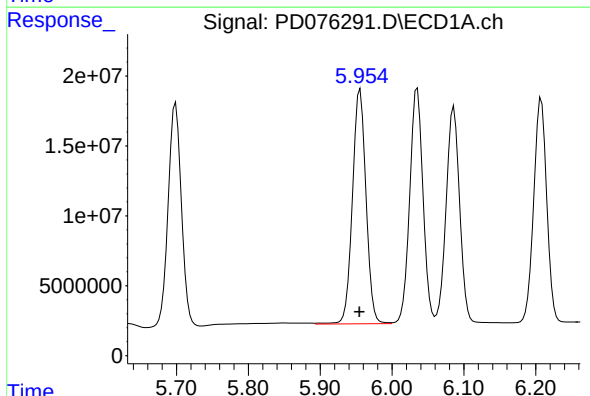
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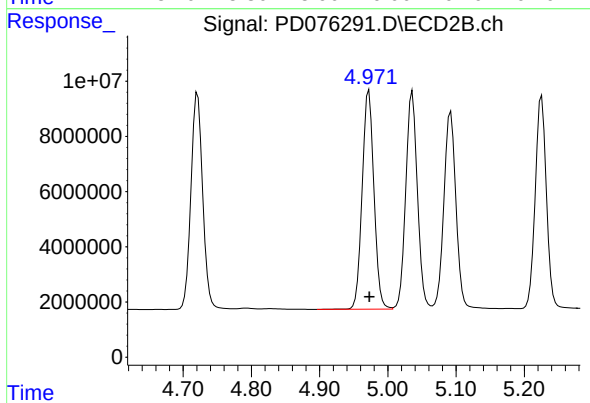
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 87766900
Conc: 68.66 ng/ml



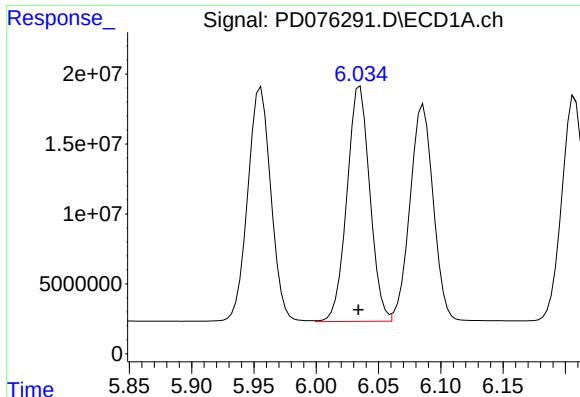
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.001 min
Response: 219509607
Conc: 68.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 95188846
Conc: 69.37 ng/ml



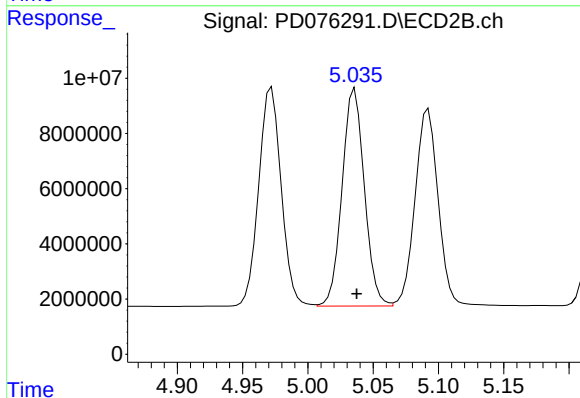
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.001 min
Response: 215781173
Conc: 66.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMSD

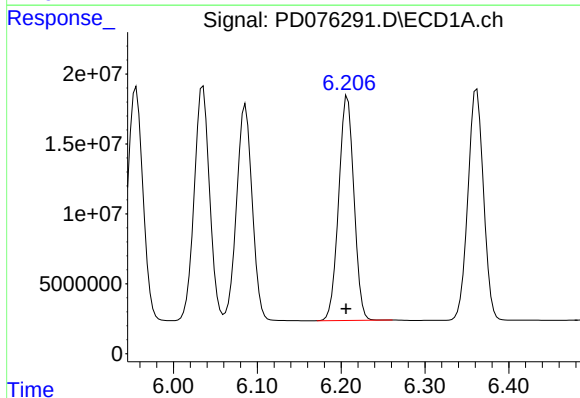
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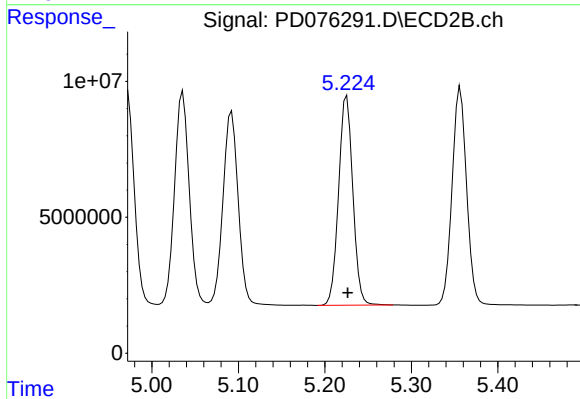
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 93475955
Conc: 68.14 ng/ml



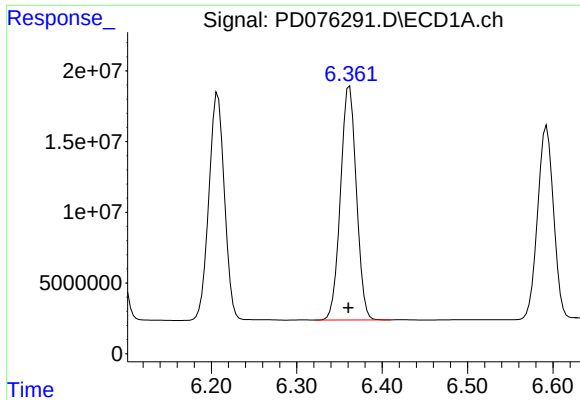
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 202834962
Conc: 70.97 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 87447458
Conc: 78.35 ng/ml



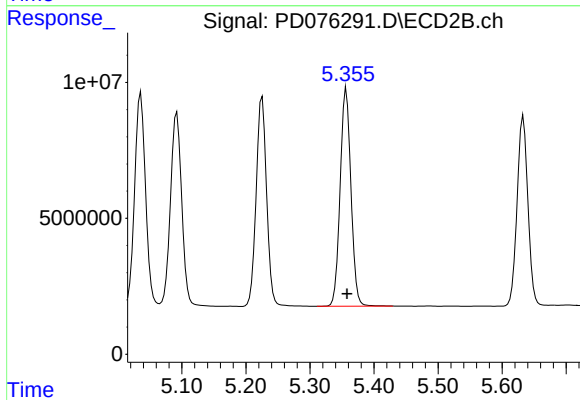
#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: 0.001 min
Response: 213499109
Conc: 68.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
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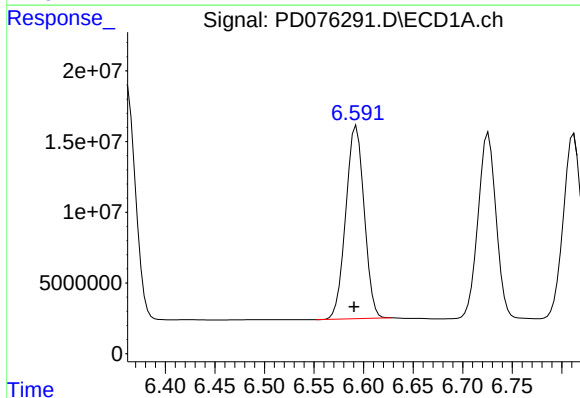
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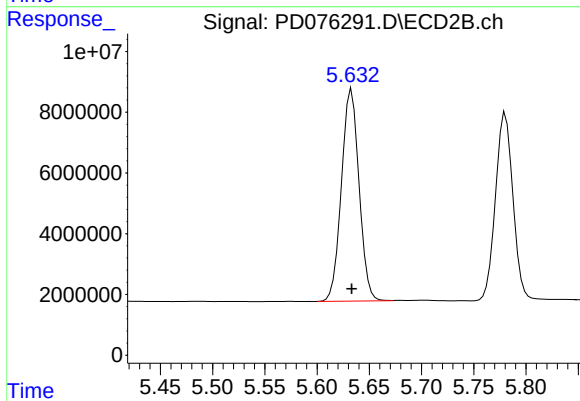
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 93622912
Conc: 69.39 ng/ml



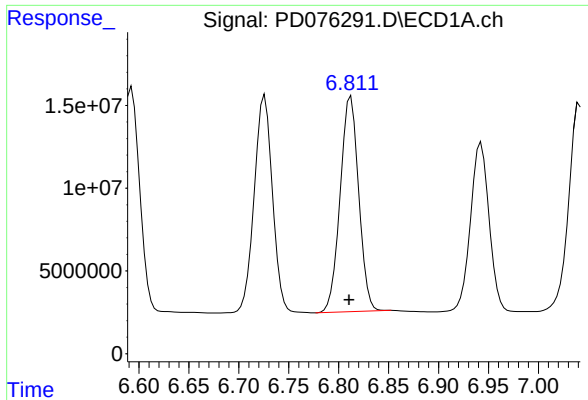
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.002 min
Response: 176298754
Conc: 65.92 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 81717283
Conc: 67.15 ng/ml



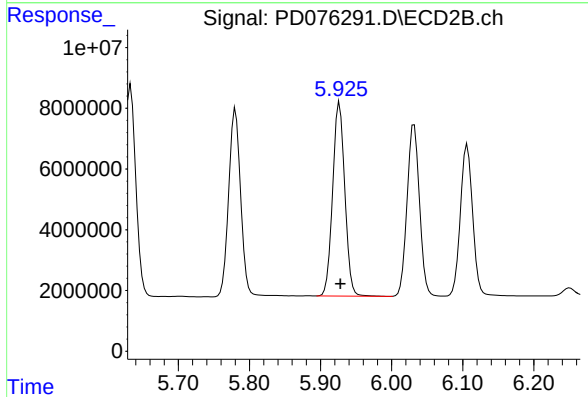
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 168011608
Conc: 65.03 ng/ml

Instrument :
ECD_D
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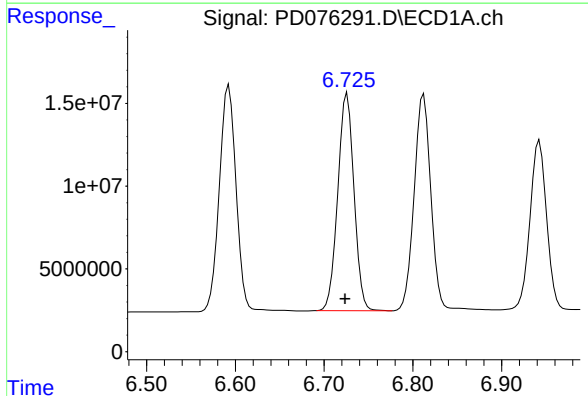
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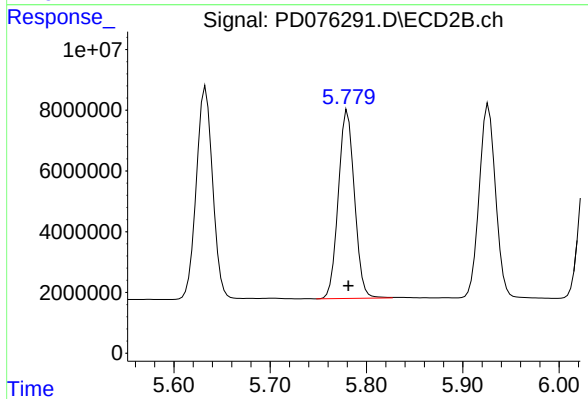
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 75627828
Conc: 70.10 ng/ml



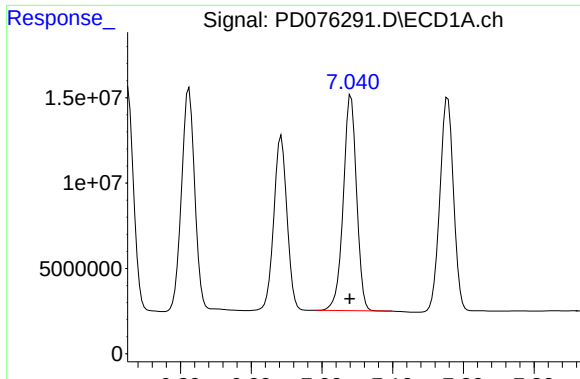
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 166873813
Conc: 73.33 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 72035639
Conc: 81.74 ng/ml



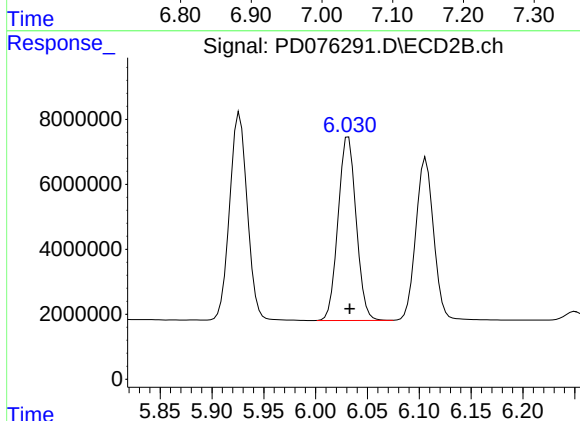
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.002 min
Response: 165055765
Conc: 72.74 ng/ml

Instrument :
ECD_D
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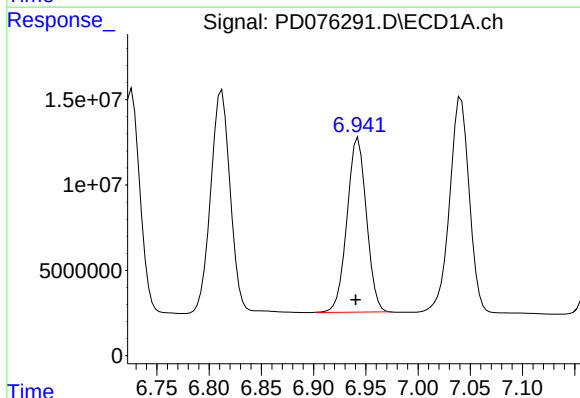
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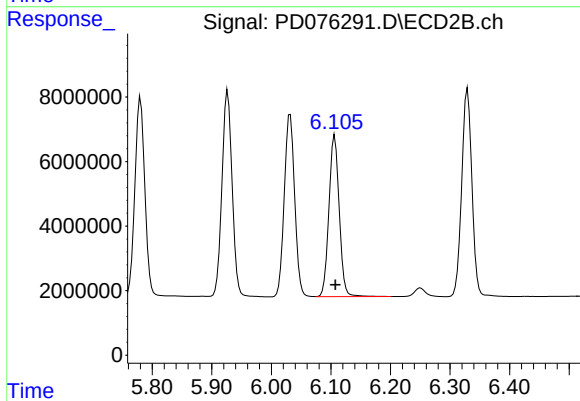
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 68766550
Conc: 84.66 ng/ml



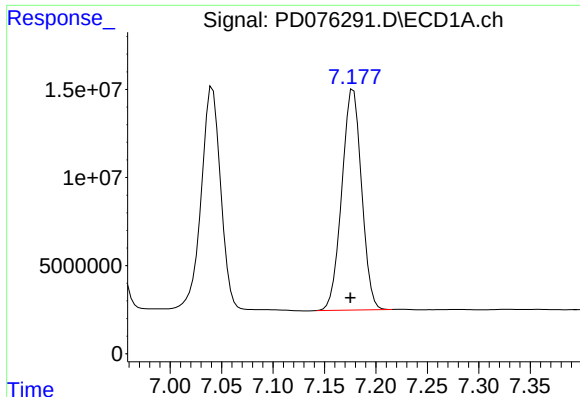
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.001 min
Response: 132221370
Conc: 65.89 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 60071284
Conc: 69.41 ng/ml



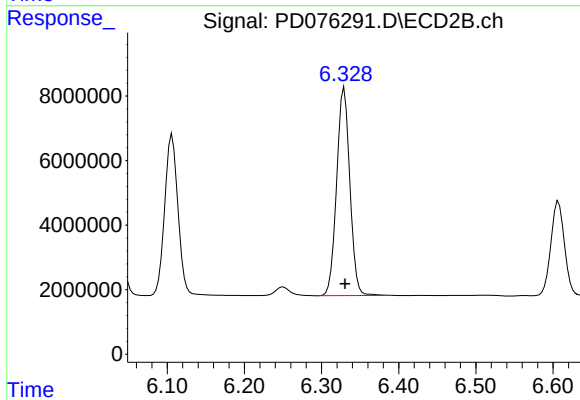
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.003 min
Response: 167617625
Conc: 66.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMSD

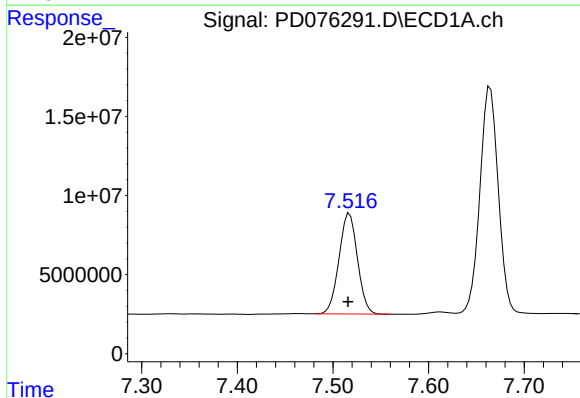
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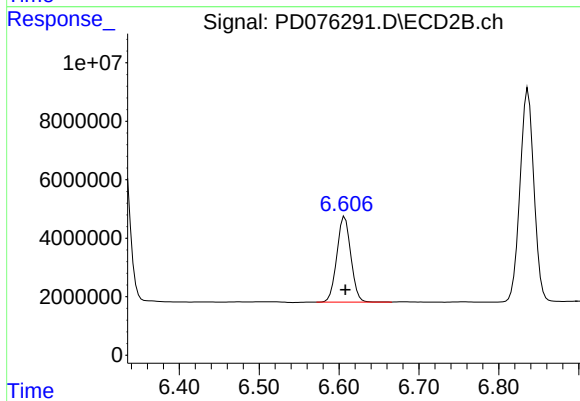
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 76816624
Conc: 71.09 ng/ml



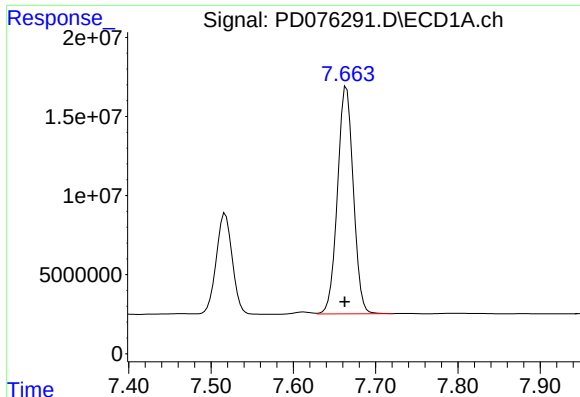
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.002 min
Response: 85491488
Conc: 66.05 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 35599611
Conc: 76.92 ng/ml



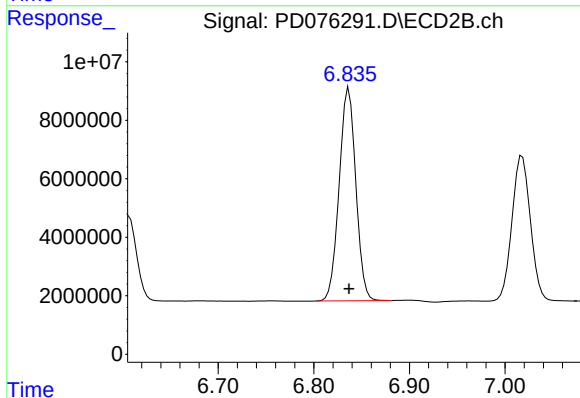
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.002 min
Response: 192021569
Conc: 68.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMSD

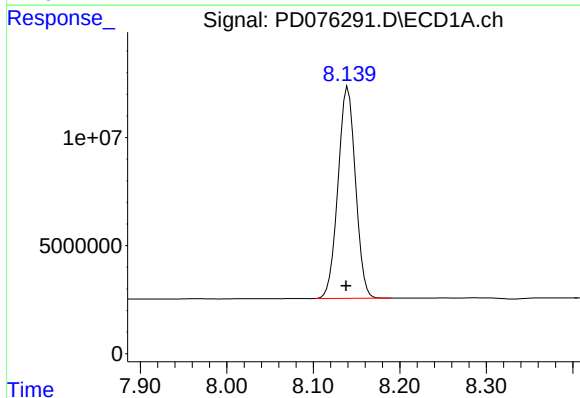
Manual Integrations
APPROVED

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



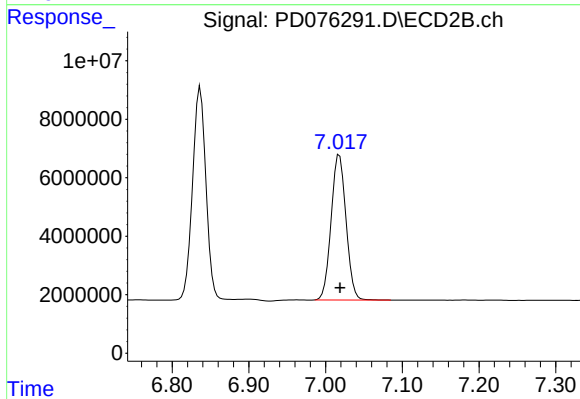
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 88186068
Conc: 72.58 ng/ml



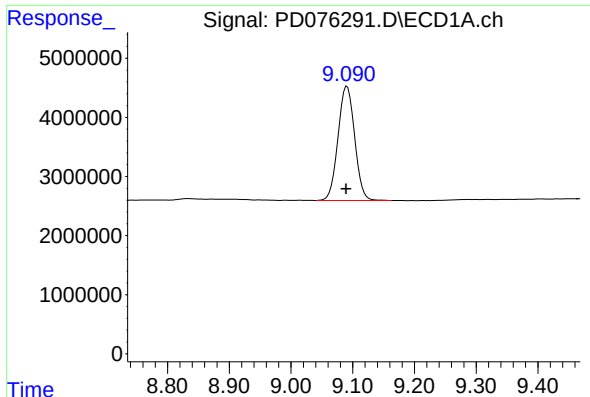
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.002 min
Response: 136492631
Conc: 63.71 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 66917502
Conc: 63.84 ng/ml



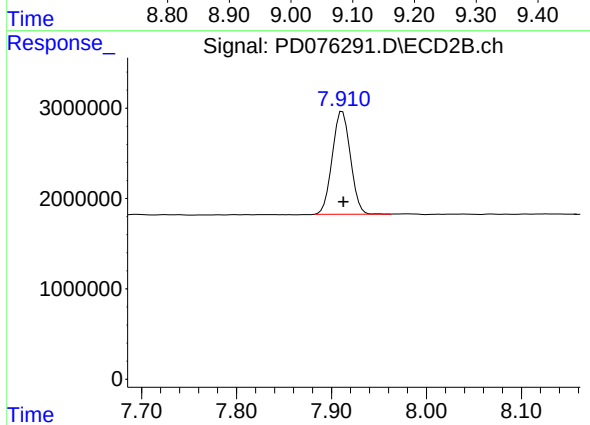
#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.002 min
Response: 36264058
Conc: 14.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
BAYONNE-COMPMSD

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



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: -0.001 min
Response: 15149037
Conc: 15.49 ng/ml