

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070323\
 Data File : PD076288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2023 11:47
 Operator : AR\AJ
 Sample : PB153944BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153944BS

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 21:38:17 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	2.765	47316423	24502621	22.213	22.585
28)	SA Decachlor...	9.091	7.912	56878239	24393872	22.452	24.948
Target Compounds							
2)	A alpha-BHC	4.003	3.268	184.5E6	79890637	49.971	49.939
3)	MA gamma-BHC...	4.337	3.598	168.2E6	74655535	49.987	50.668
4)	MA Heptachlor	4.928	3.938	169.8E6	73075411	47.339	48.112
5)	MB Aldrin	5.271	4.218	170.5E6	73938156	48.646	49.583
6)	B beta-BHC	4.533	3.895	68828432	31503327	47.873	49.424
7)	B delta-BHC	4.781	4.125	169.2E6	74504705	50.908	51.419
8)	B Heptachlo...	5.699	4.721	154.4E6	66923340	47.929	48.720
9)	A Endosulfan I	6.086	5.091	142.7E6	62693438	47.583	49.048
10)	B gamma-Chl...	5.956	4.972	157.9E6	67890261	49.026	49.478
11)	B alpha-Chl...	6.035	5.035	153.8E6	67221706	47.564	49.004
12)	B 4,4'-DDE	6.208	5.225	141.8E6	61936245	49.614	55.490
13)	MA Dieldrin	6.362	5.356	150.7E6	67390591	48.214	49.950
14)	MA Endrin	6.593	5.632	123.3E6	56757856	46.088	46.638
15)	B Endosulfa...	6.812	5.926	122.0E6	55010637	47.222	50.990
16)	A 4,4'-DDD	6.726	5.780	117.8E6	52284075	51.764	59.328
17)	MA 4,4'-DDT	7.042	6.031	112.9E6	46717933	49.749	57.514
18)	B Endrin al...	6.941	6.106	96100396	43632470	47.892m	50.414
19)	B Endosulfa...	7.179	6.329	120.0E6	54919200	47.621	50.822
20)	A Methoxychlor	7.518	6.607	60583153	24764502	46.804	53.505
21)	B Endrin ke...	7.665	6.836	137.6E6	64325960	49.393	52.945
22)	Mirex	8.140	7.019	98518537	49465479	45.982	47.190

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

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 Acq On : 03 Jul 2023 11:47
 Operator : AR\AJ
 Sample : PB153944BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

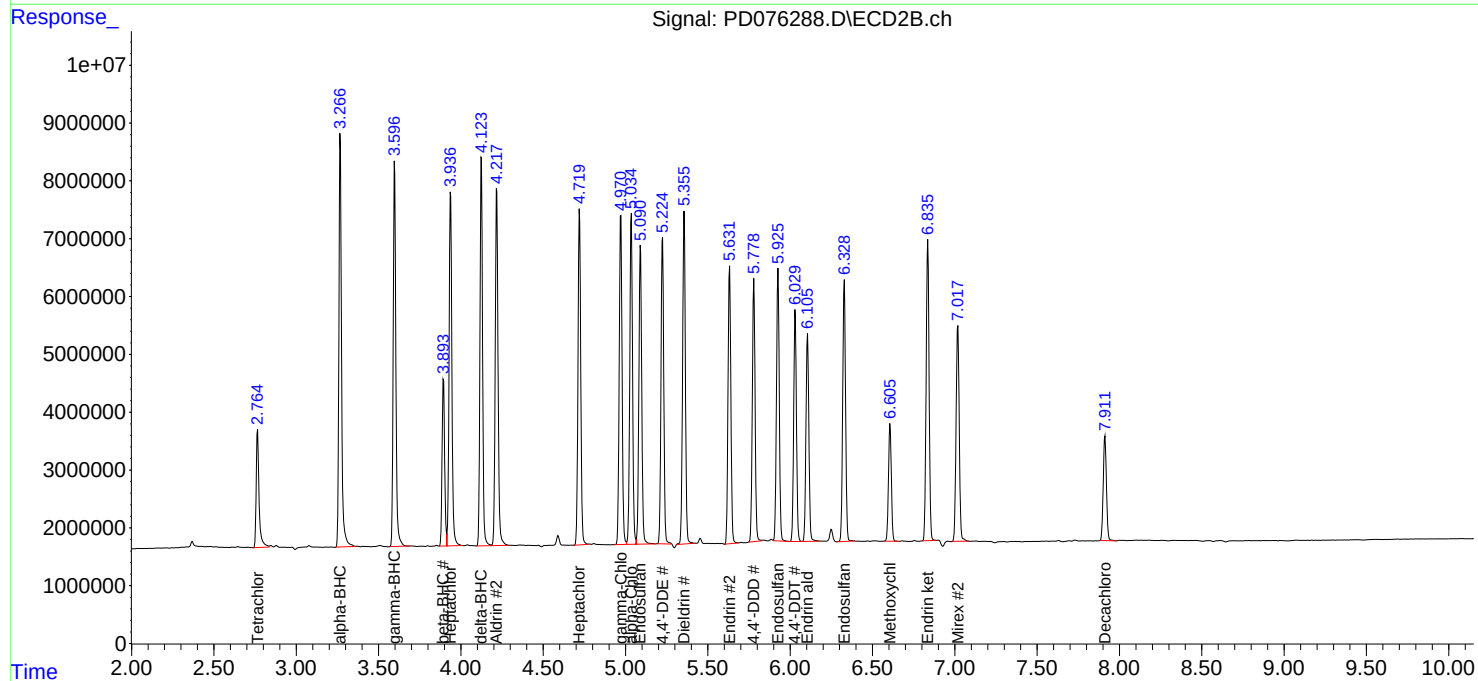
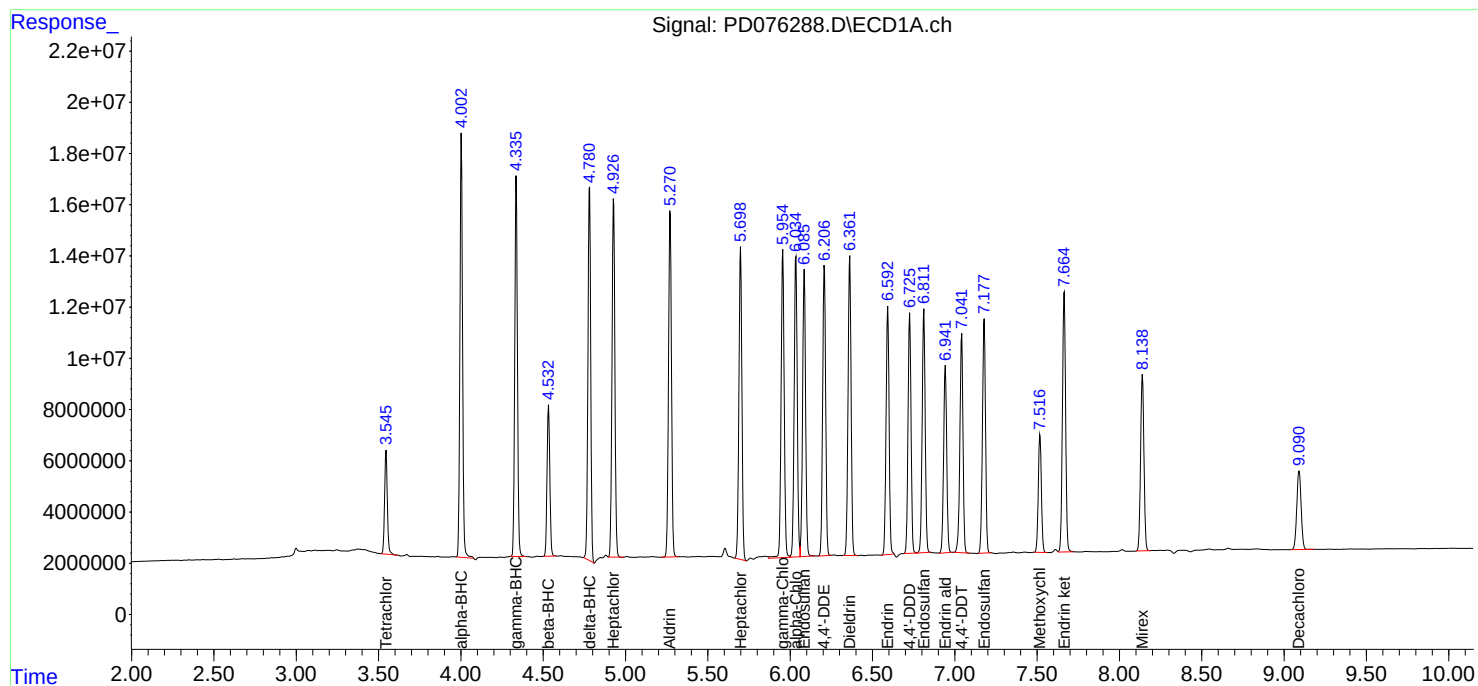
Instrument :
 ECD_D
 ClientSampleId :
 PB153944BS

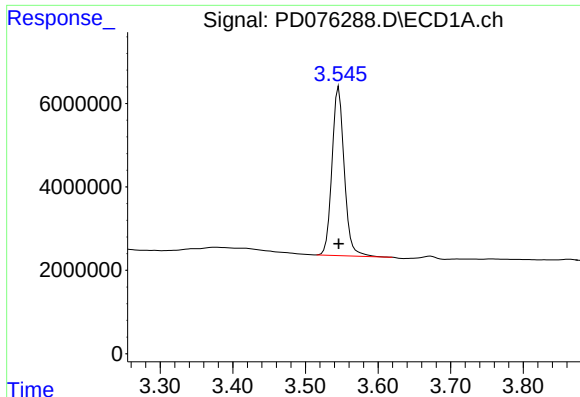
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 21:38:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
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 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





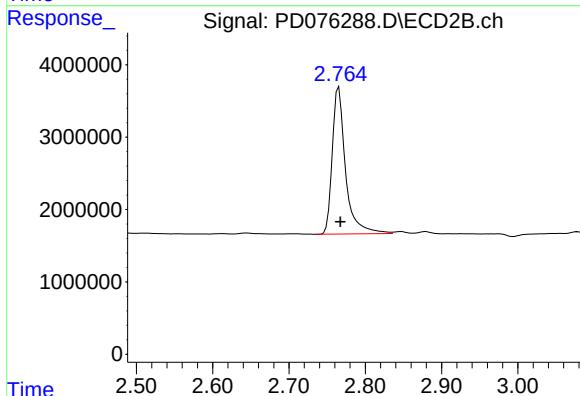
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 47316423
Conc: 22.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153944BS

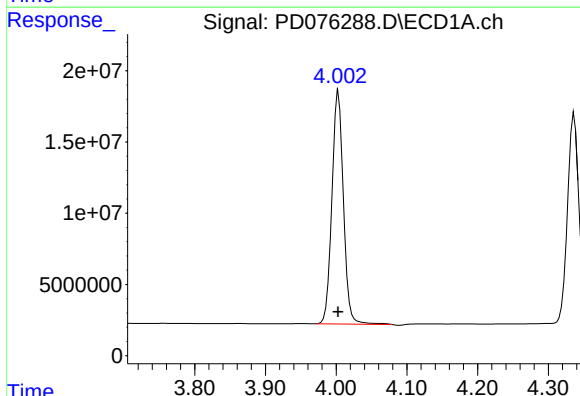
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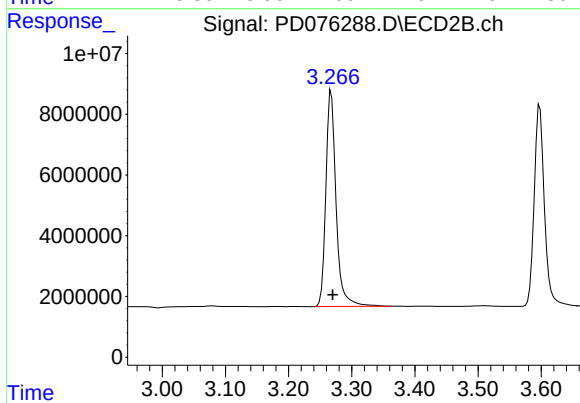
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: -0.002 min
Response: 24502621
Conc: 22.58 ng/ml



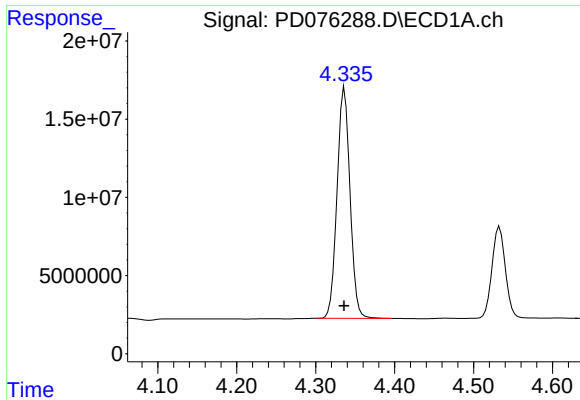
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 184499154
Conc: 49.97 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.002 min
Response: 79890637
Conc: 49.94 ng/ml



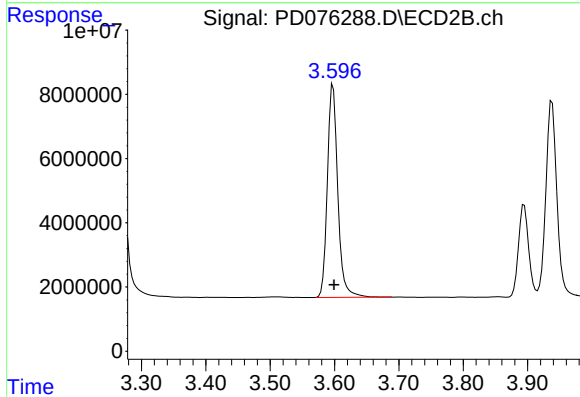
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 168200455
Conc: 49.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153944BS

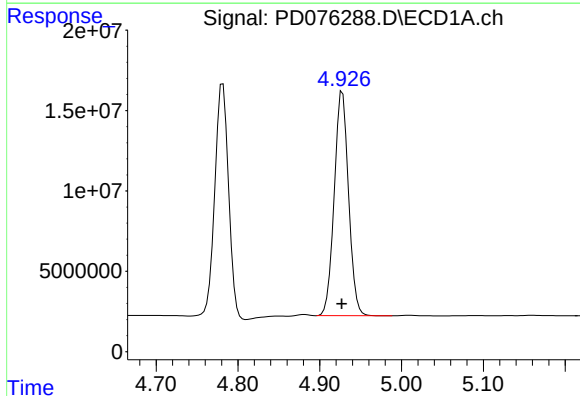
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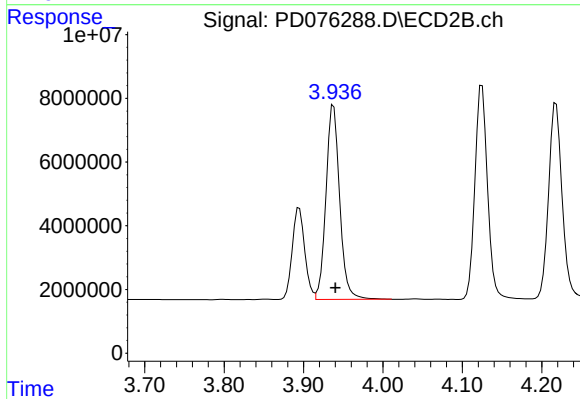
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.002 min
Response: 74655535
Conc: 50.67 ng/ml



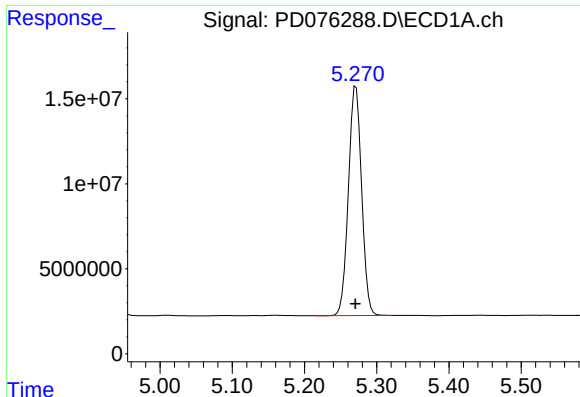
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 169788034
Conc: 47.34 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 73075411
Conc: 48.11 ng/ml



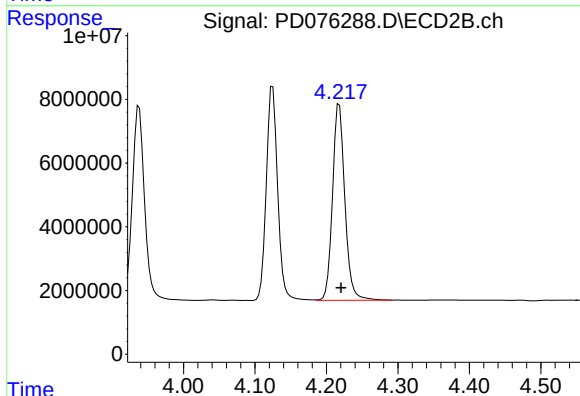
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 170465350
Conc: 48.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153944BS

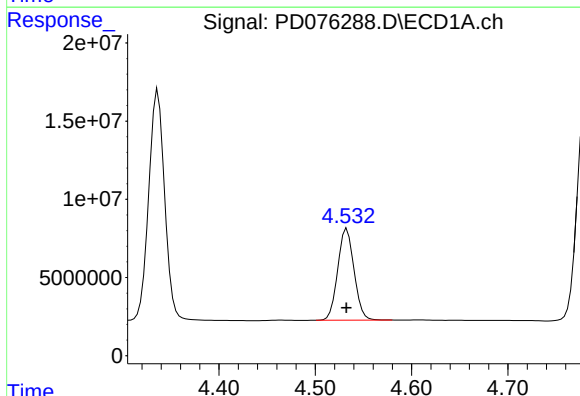
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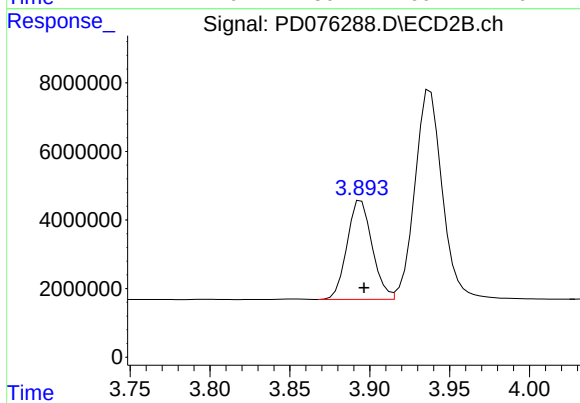
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.002 min
Response: 73938156
Conc: 49.58 ng/ml



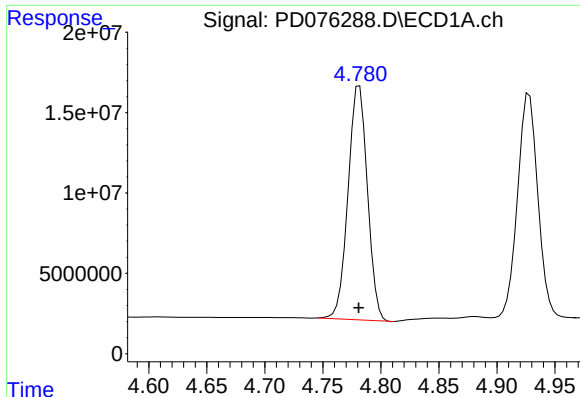
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 68828432
Conc: 47.87 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.002 min
Response: 31503327
Conc: 49.42 ng/ml



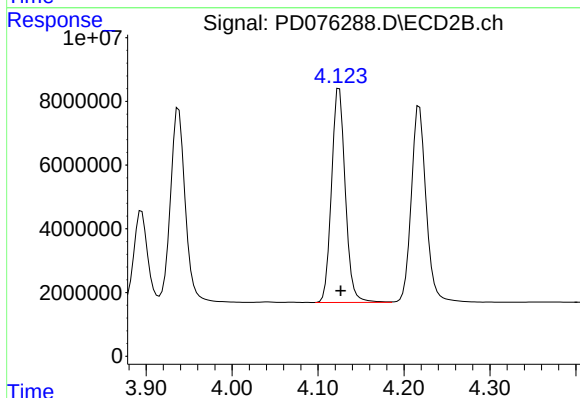
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 169200655
Conc: 50.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153944BS

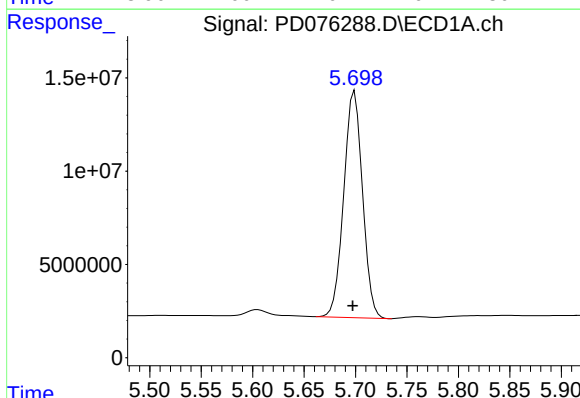
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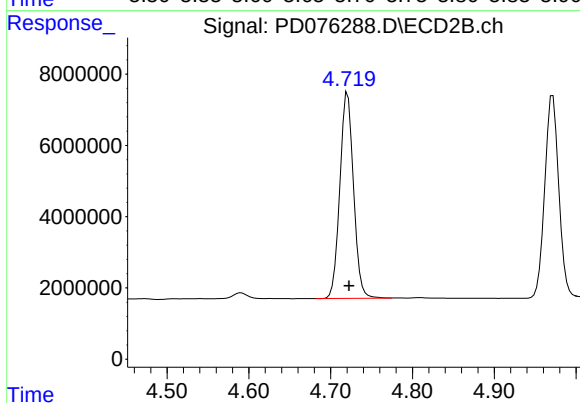
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: -0.002 min
Response: 74504705
Conc: 51.42 ng/ml



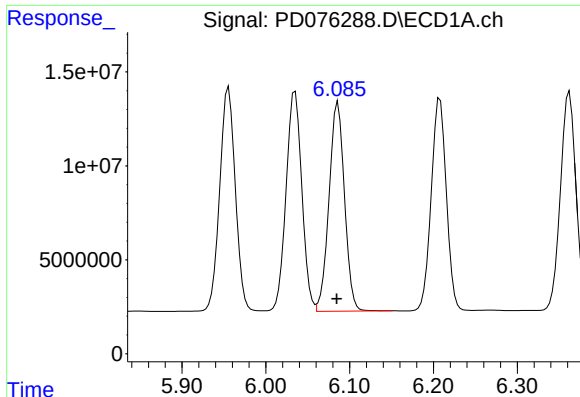
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 154441454
Conc: 47.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 66923340
Conc: 48.72 ng/ml



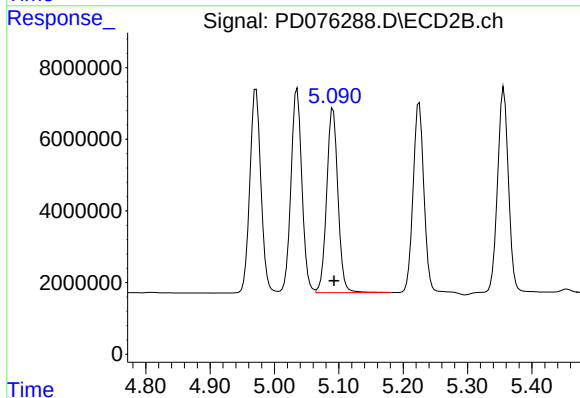
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.001 min
Response: 142723270
Conc: 47.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153944BS

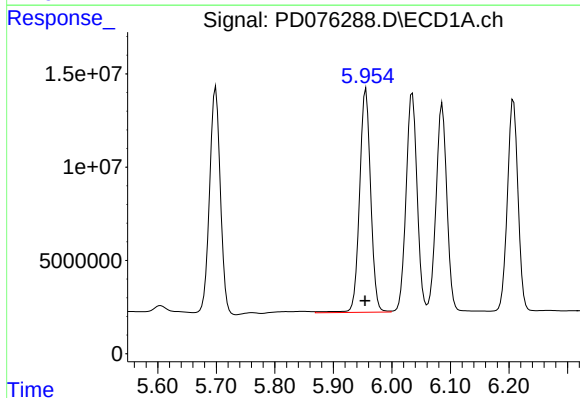
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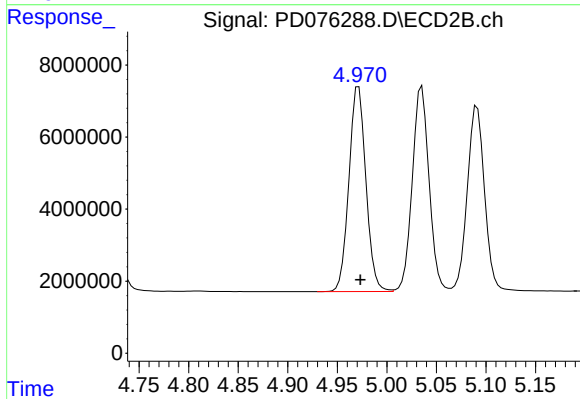
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.002 min
Response: 62693438
Conc: 49.05 ng/ml



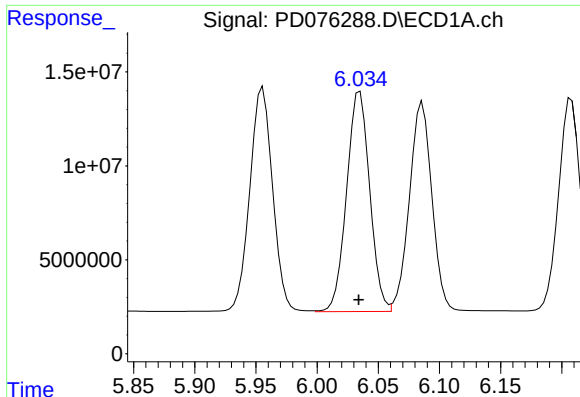
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.001 min
Response: 157929538
Conc: 49.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 67890261
Conc: 49.48 ng/ml



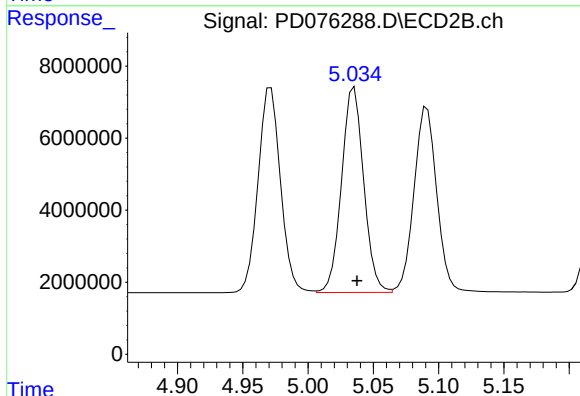
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.001 min
Response: 153770035
Conc: 47.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153944BS

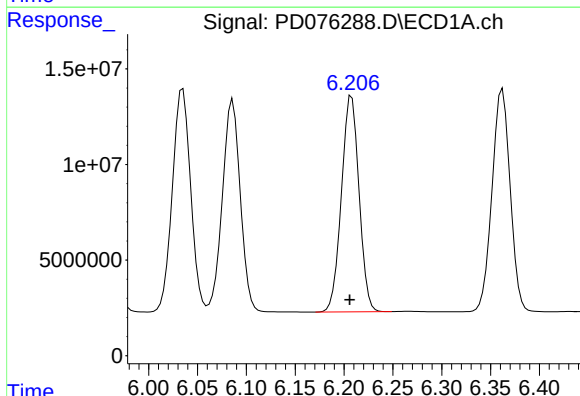
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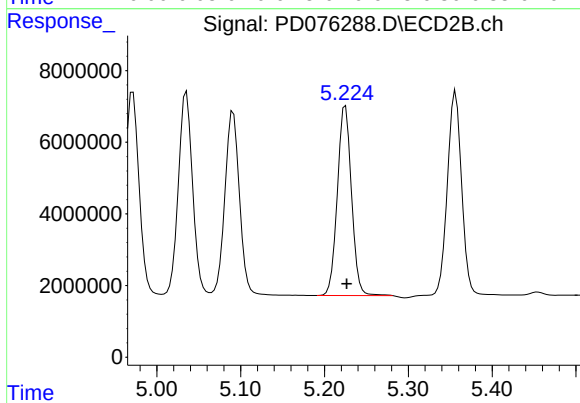
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 67221706
Conc: 49.00 ng/ml



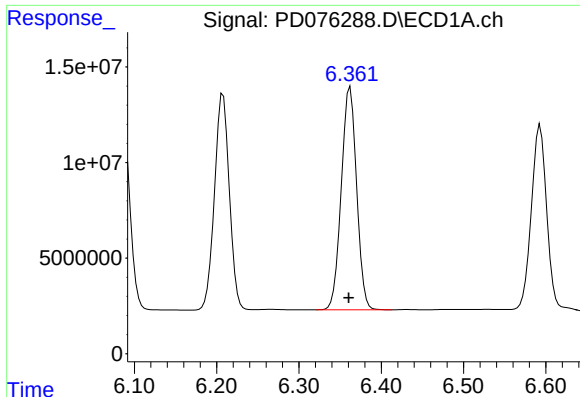
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 141803232
Conc: 49.61 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 61936245
Conc: 55.49 ng/ml



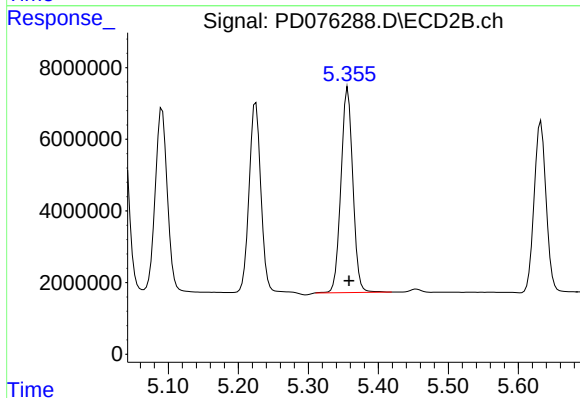
#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: 0.002 min
Response: 150667821
Conc: 48.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153944BS

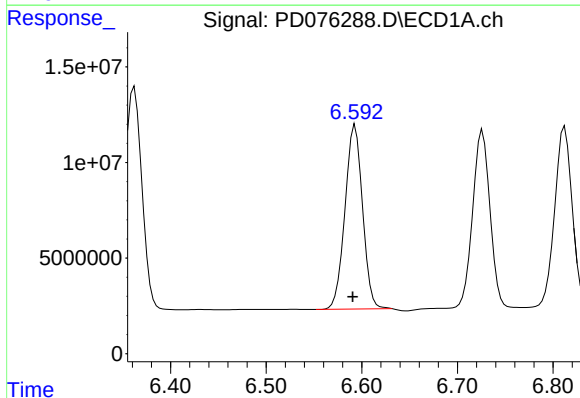
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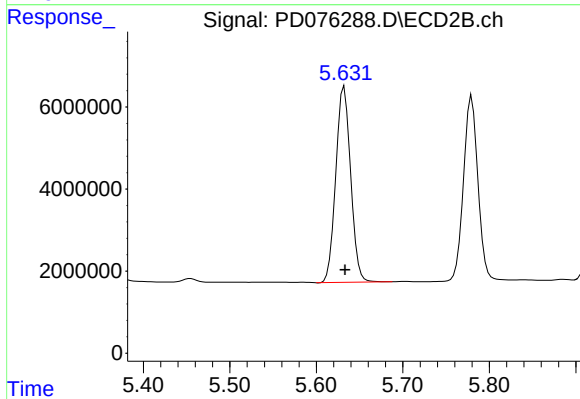
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 67390591
Conc: 49.95 ng/ml



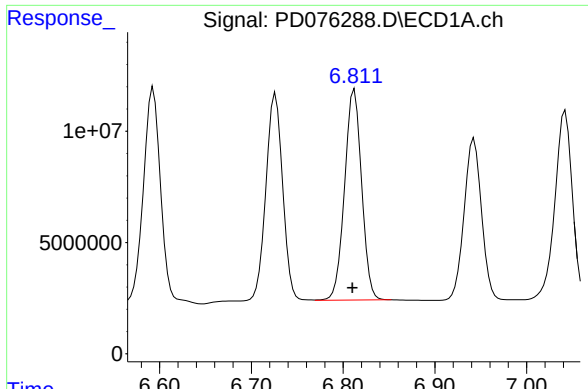
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.003 min
Response: 123255653
Conc: 46.09 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 56757856
Conc: 46.64 ng/ml



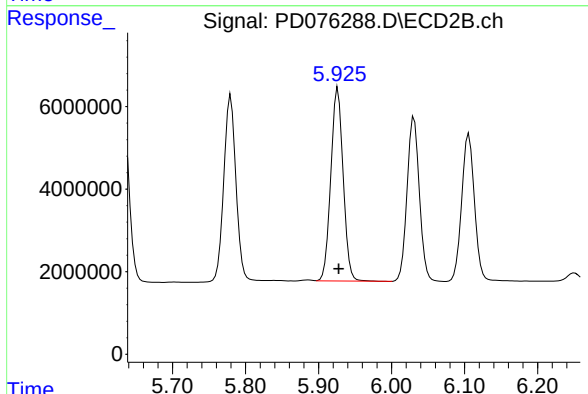
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 122004628
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153944BS

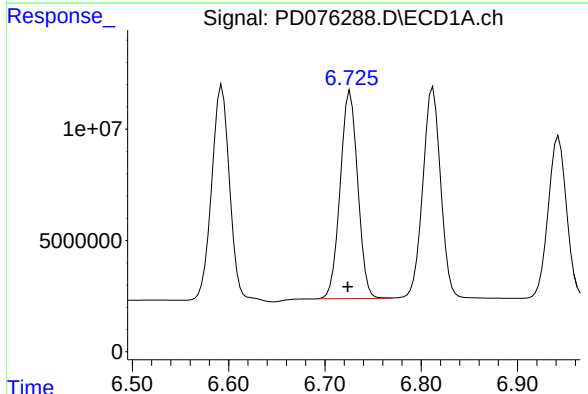
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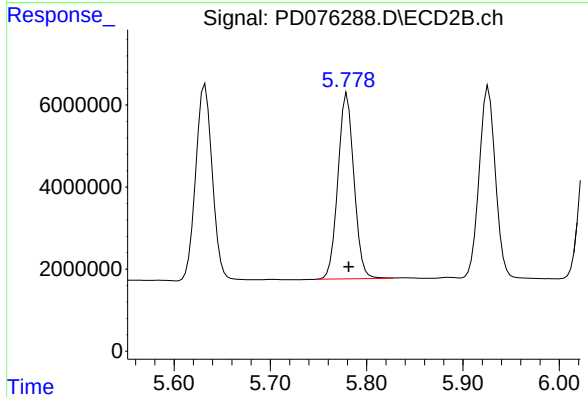
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.001 min
Response: 55010637
Conc: 50.99 ng/ml



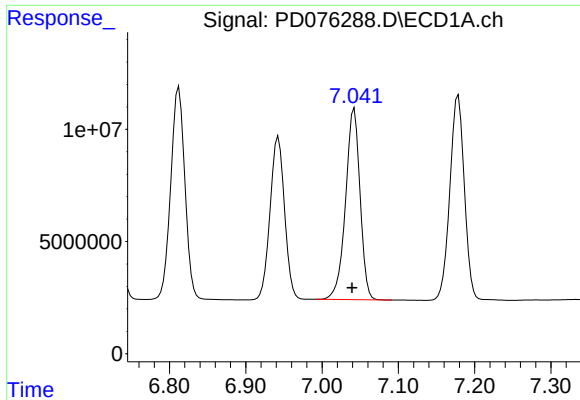
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.003 min
Response: 117796172
Conc: 51.76 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 52284075
Conc: 59.33 ng/ml



#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: 0.003 min
Response: 112893542
Conc: 49.75 ng/ml

Instrument :

ECD_D

ClientSampleId :

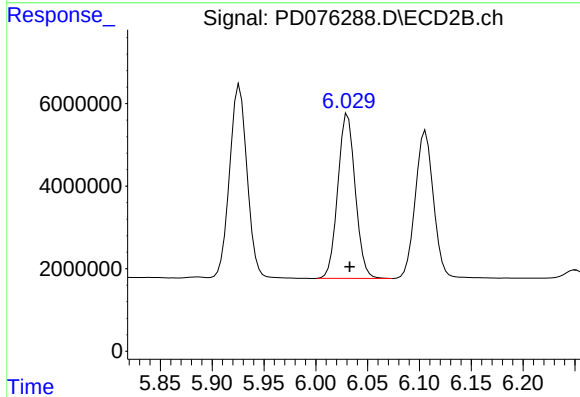
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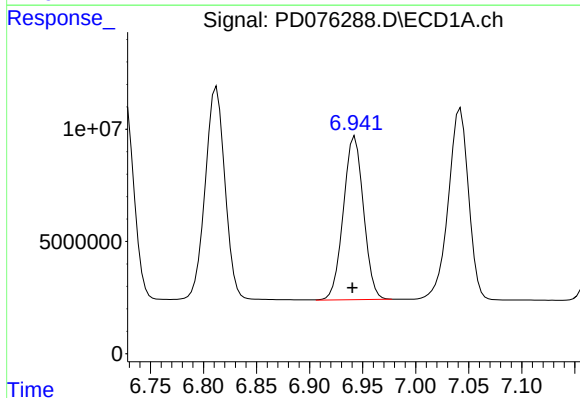
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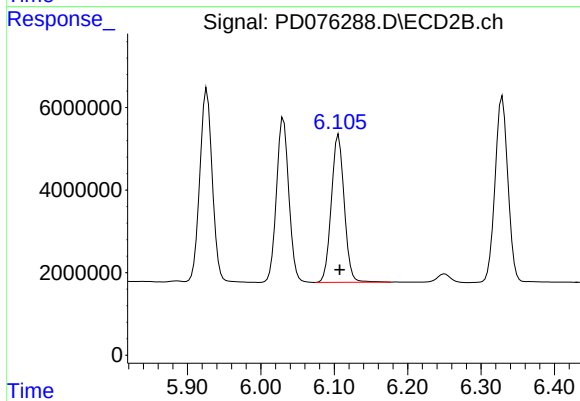
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 46717933
Conc: 57.51 ng/ml



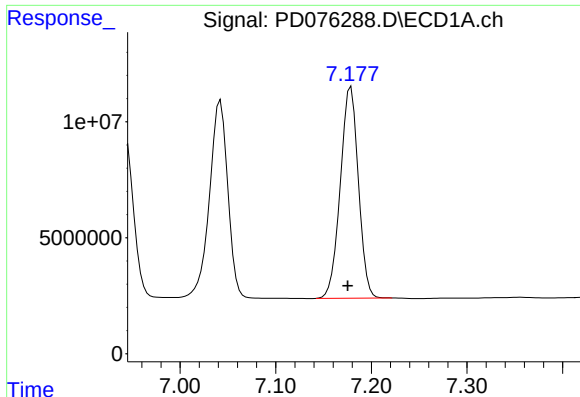
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.001 min
Response: 96100396
Conc: 47.89 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 43632470
Conc: 50.41 ng/ml



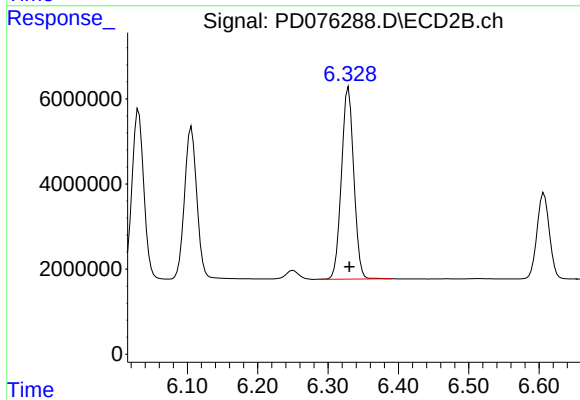
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: 0.003 min
Response: 119973732
Conc: 47.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153944BS

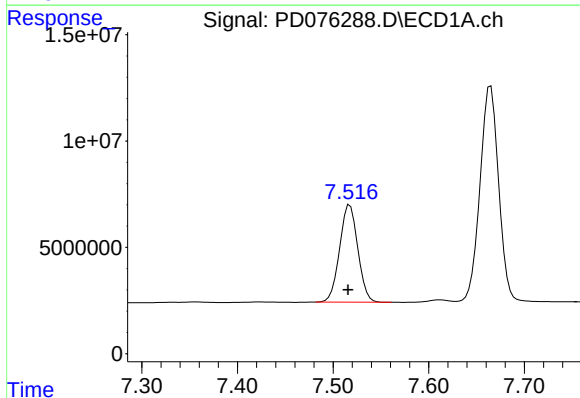
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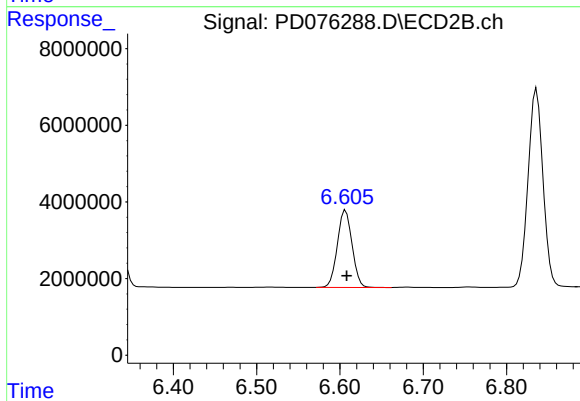
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 54919200
Conc: 50.82 ng/ml



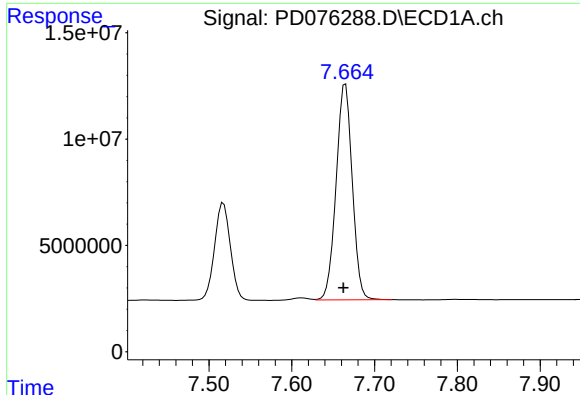
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: 0.002 min
Response: 60583153
Conc: 46.80 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 24764502
Conc: 53.51 ng/ml



#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.002 min
Response: 137605613
Conc: 49.39 ng/ml

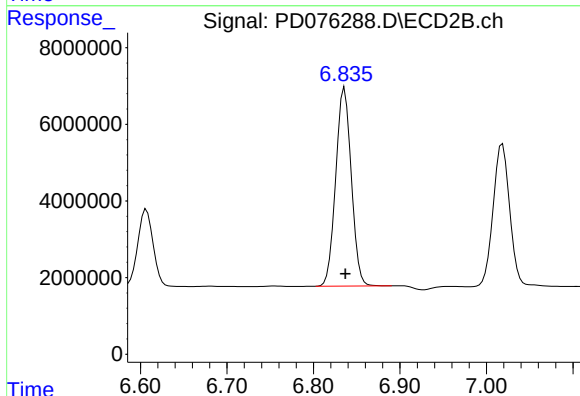
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ClientSampleId :
PB153944BS

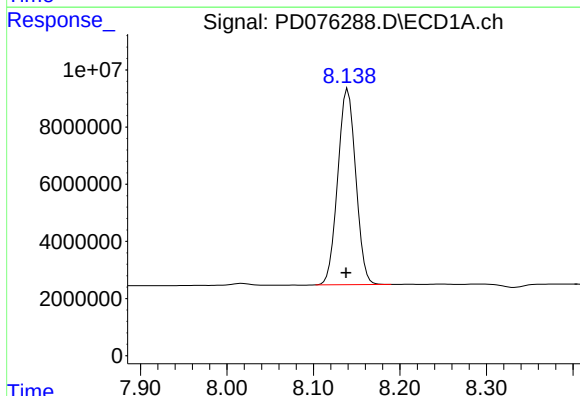
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Supervised By :Ankita Jodhani 07/05/2023



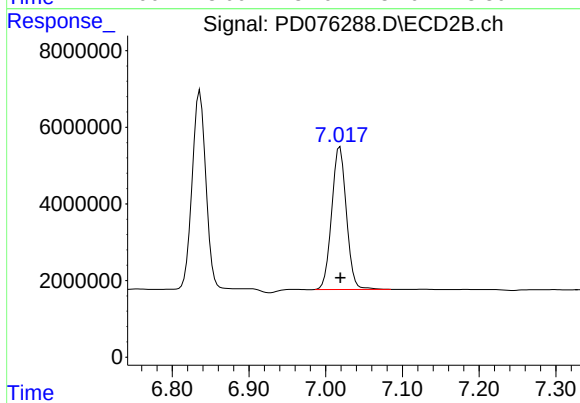
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 64325960
Conc: 52.95 ng/ml



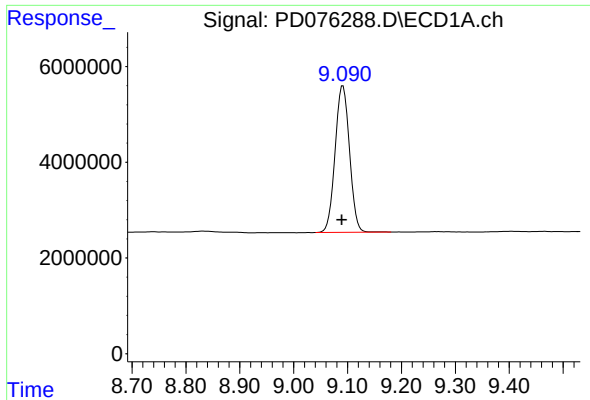
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.002 min
Response: 98518537
Conc: 45.98 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 49465479
Conc: 47.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.002 min
Response: 56878239
Conc: 22.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

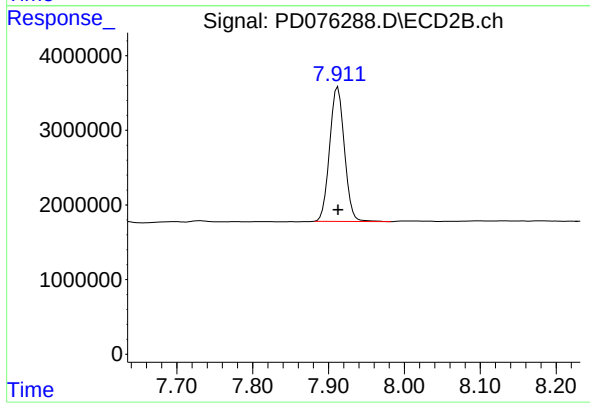
PB153944BS

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 24393872
Conc: 24.95 ng/ml