

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 12:22
 Operator : AR\AJ
 Sample : PB153459BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153459BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/19/2023
 Supervised By :Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 21:44:03 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...	3.554	2.768	42947010	21540787	20.162	19.855
28)	SA Decachlor...	9.100	7.918	51922626	21579543	20.496	22.070
Target Compounds							
2)	A alpha-BHC	4.011	3.271	179.5E6	75498343	48.617	47.194
3)	MA gamma-BHC...	4.345	3.601	162.0E6	69727168	48.135	47.323
4)	MA Heptachlor	4.936	3.942	168.0E6	70496065	46.841	46.414
5)	MB Aldrin	5.280	4.222	165.8E6	69746944	47.322	46.773
6)	B beta-BHC	4.541	3.898	66373749	29734196	46.166	46.649
7)	B delta-BHC	4.789	4.129	161.2E6	68682555	48.493	47.401
8)	B Heptachlo...	5.707	4.726	146.0E6	62386948	45.319	45.417
9)	A Endosulfan I	6.093	5.096	137.2E6	57516789	45.726	44.998
10)	B gamma-Chl...	5.963	4.976	155.2E6	63108994	48.189	45.994
11)	B alpha-Chl...	6.042	5.040	148.7E6	62525764	45.985	45.580
12)	B 4,4'-DDE	6.215	5.230	133.0E6	55141084	46.534	49.402
13)	MA Dieldrin	6.369	5.361	142.8E6	62959150	45.682	46.665
14)	MA Endrin	6.598	5.637	118.0E6	56146598	44.133m	46.136
15)	B Endosulfa...	6.819	5.932	114.1E6	50008065	44.182	46.353
16)	A 4,4'-DDD	6.733	5.785	108.7E6	45483071	47.789	51.611
17)	MA 4,4'-DDT	7.049	6.037	106.8E6	42660253	47.083	52.518
18)	B Endrin al...	6.950	6.111	89245275	40295602	44.476	46.558
19)	B Endosulfa...	7.184	6.334	112.5E6	51212375	44.667	47.392
20)	A Methoxychlor	7.524	6.613	57306355	23810124	44.273	51.443
21)	B Endrin ke...	7.671	6.841	126.7E6	57064516	45.482	46.969
22)	Mirex	8.147	7.024	92460186	46300630	43.154	44.171

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
Data File : PD075840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2023 12:22
Operator : AR\AJ
Sample : PB153459BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB153459BS

Manual Integrations

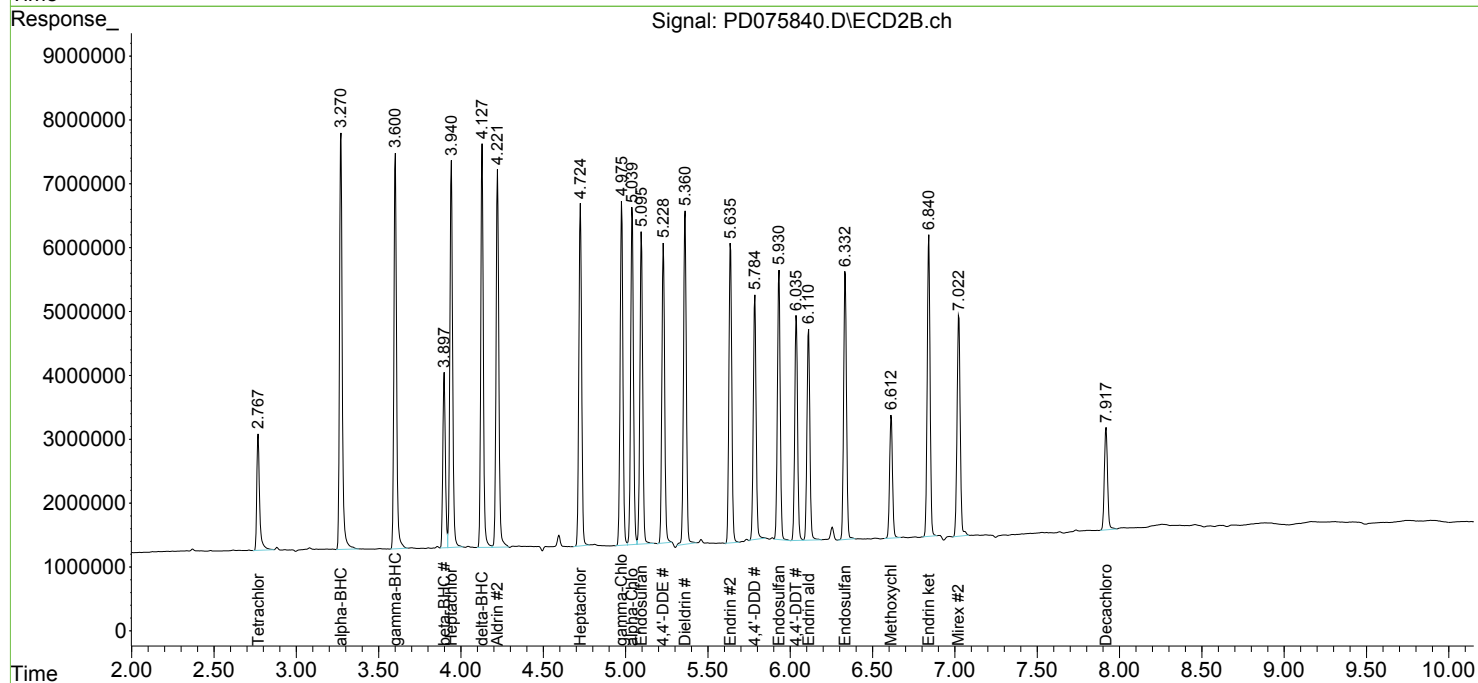
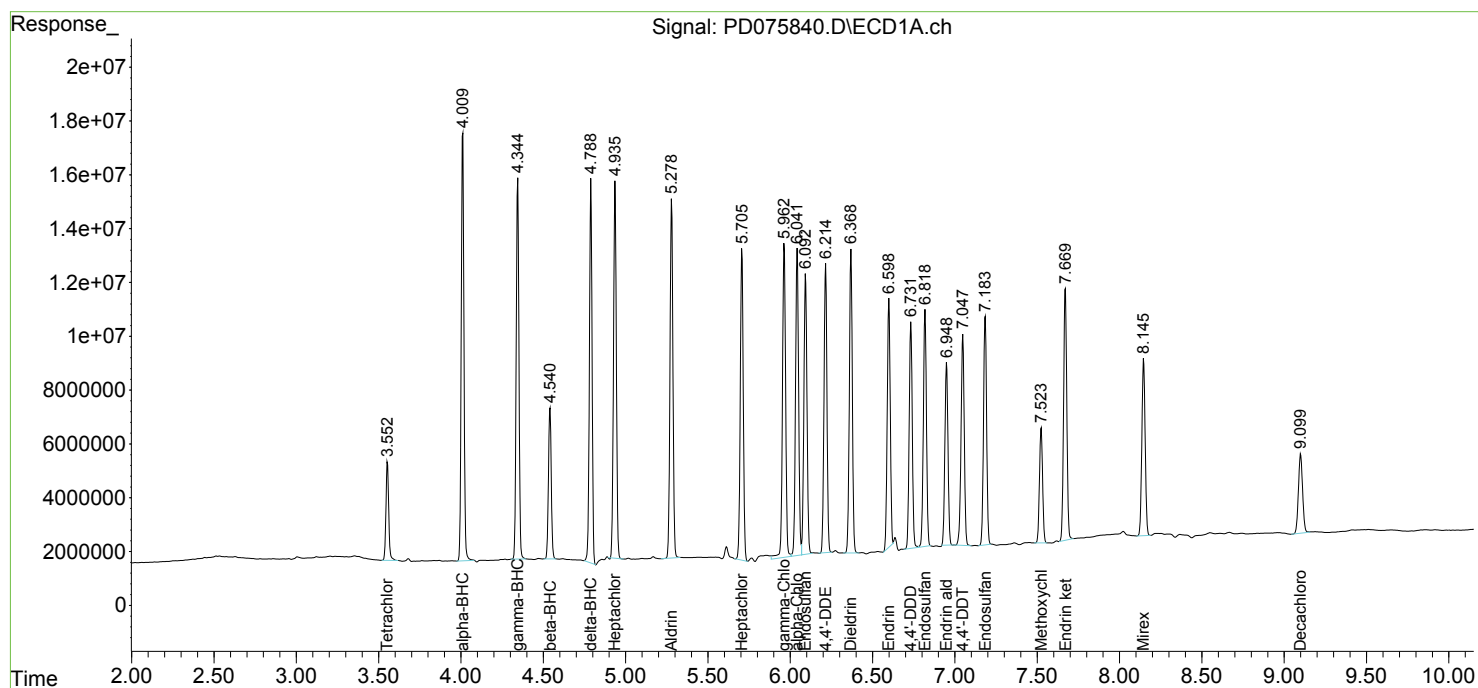
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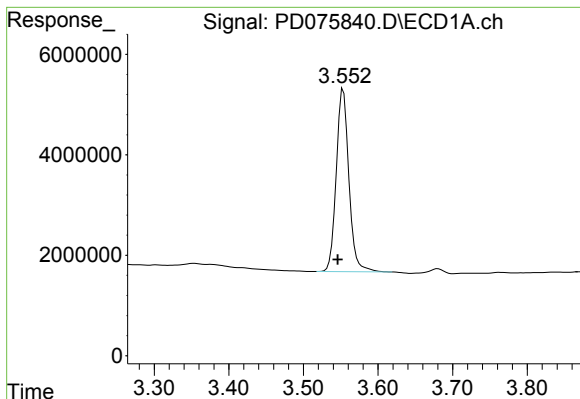
Reviewed By :Abdul Mirza 06/19/2023

Supervised By :Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 21:44:03 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

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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





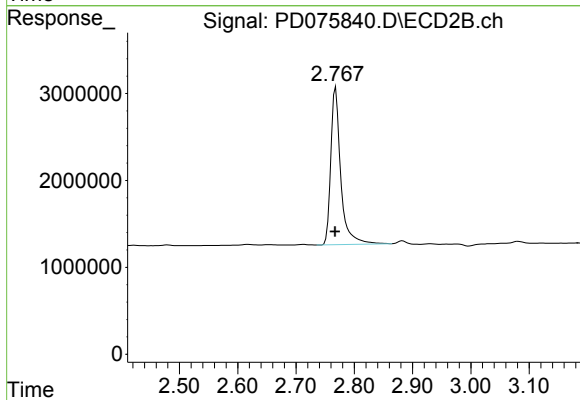
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.008 min
Response: 42947010
Conc: 20.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153459BS

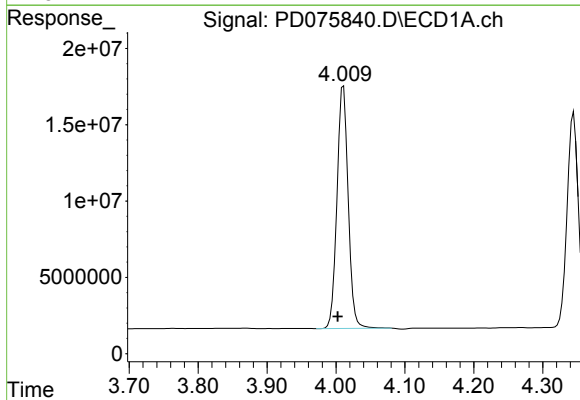
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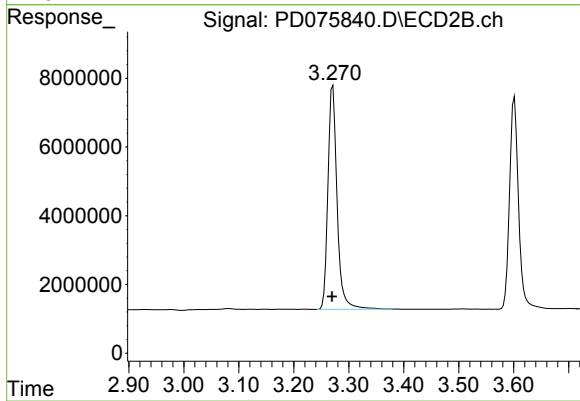
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 21540787
Conc: 19.85 ng/ml



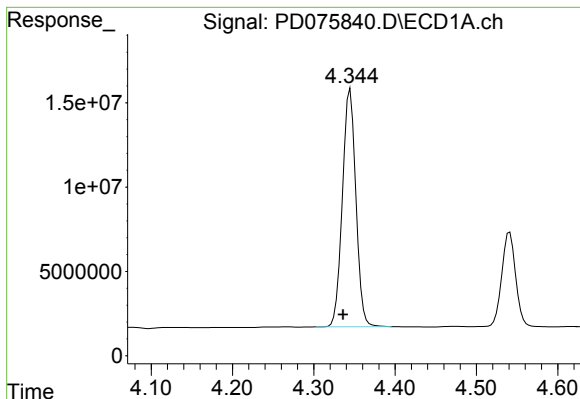
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.008 min
Response: 179500145
Conc: 48.62 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: 0.001 min
Response: 75498343
Conc: 47.19 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.009 min
Response: 161968411
Conc: 48.13 ng/ml

Instrument :

ECD_D

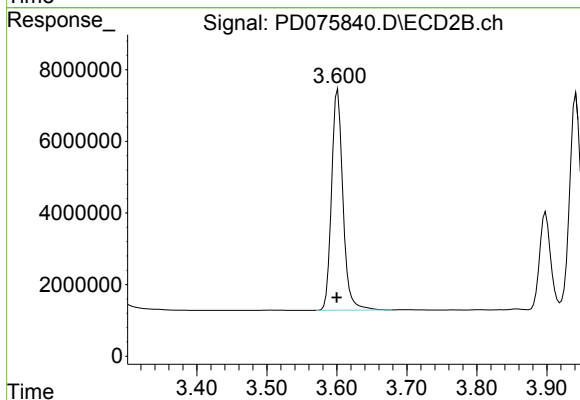
ClientSampleId :

PB153459BS

Manual Integrations

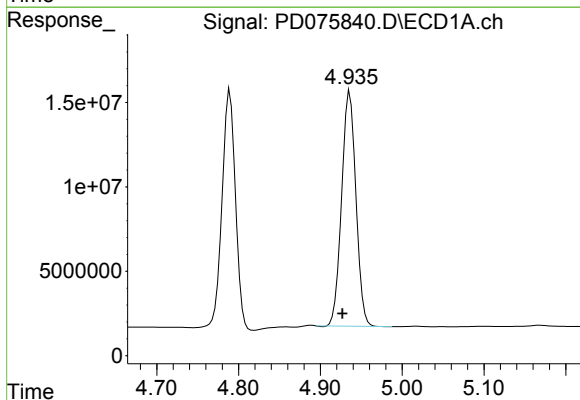
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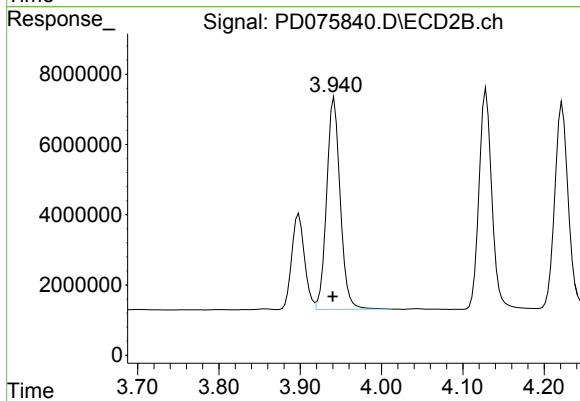
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: 0.002 min
Response: 69727168
Conc: 47.32 ng/ml



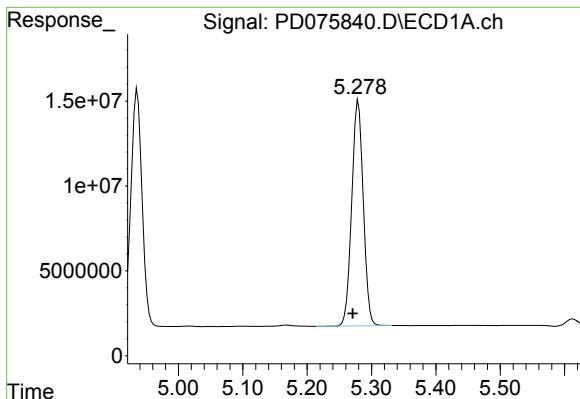
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.009 min
Response: 167998745
Conc: 46.84 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 70496065
Conc: 46.41 ng/ml



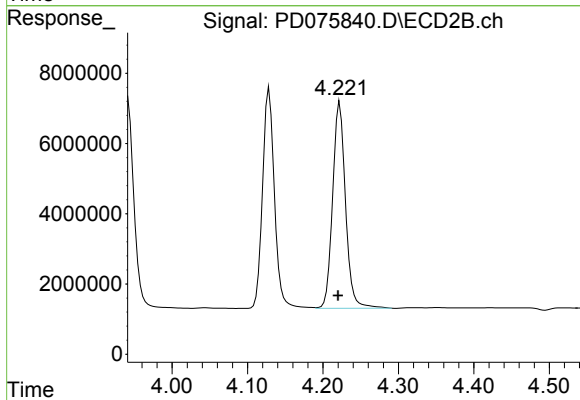
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.009 min
Response: 165826915
Conc: 47.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153459BS

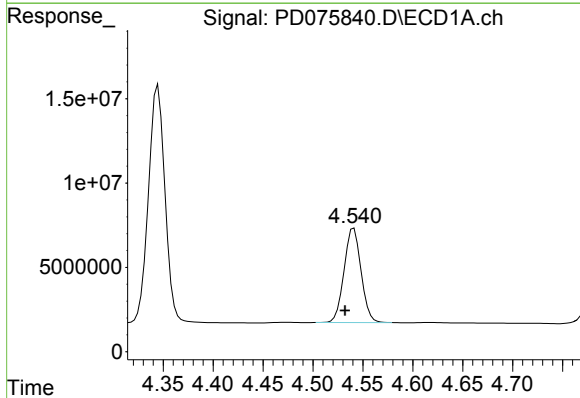
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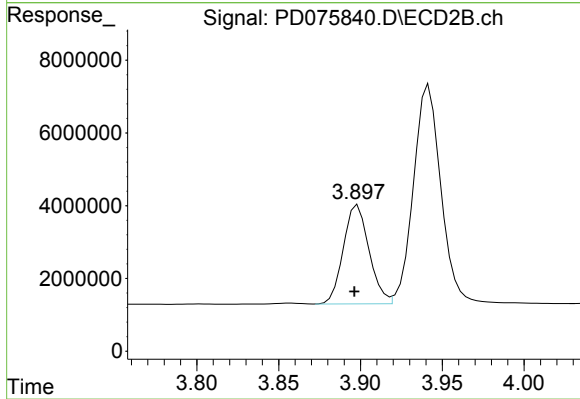
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.002 min
Response: 69746944
Conc: 46.77 ng/ml



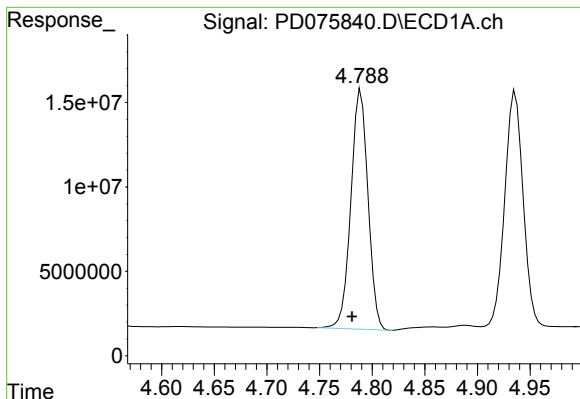
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.009 min
Response: 66373749
Conc: 46.17 ng/ml



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: 0.002 min
Response: 29734196
Conc: 46.65 ng/ml



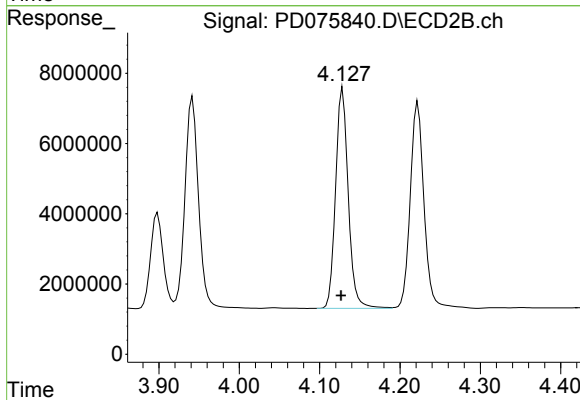
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: 0.009 min
Response: 161172655
Conc: 48.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153459BS

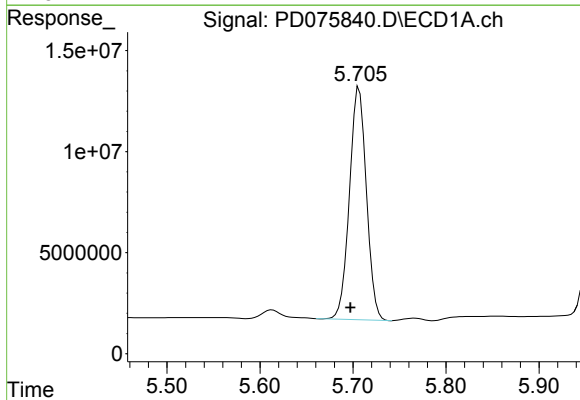
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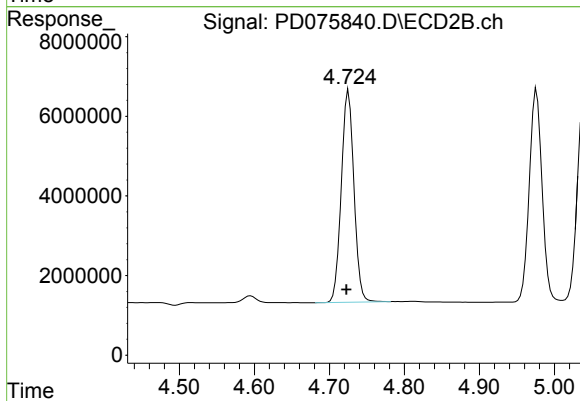
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.002 min
Response: 68682555
Conc: 47.40 ng/ml



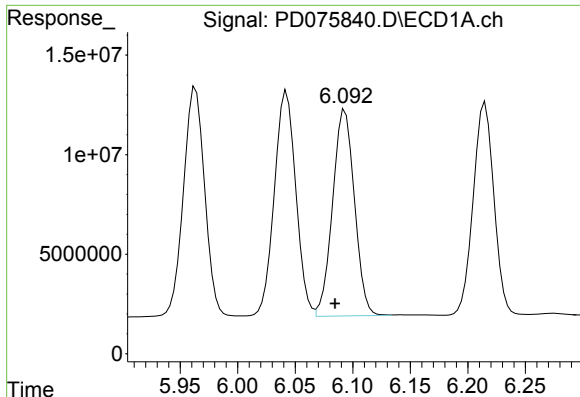
#8 Heptachlor epoxide

R.T.: 5.707 min
Delta R.T.: 0.009 min
Response: 146032789
Conc: 45.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.003 min
Response: 62386948
Conc: 45.42 ng/ml



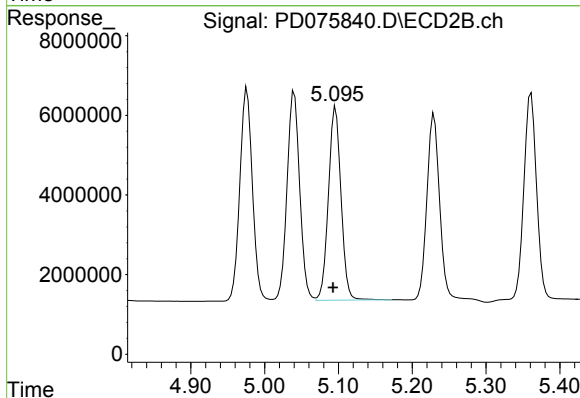
#9 Endosulfan I

R.T.: 6.093 min
Delta R.T.: 0.008 min
Response: 137155076
Conc: 45.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153459BS

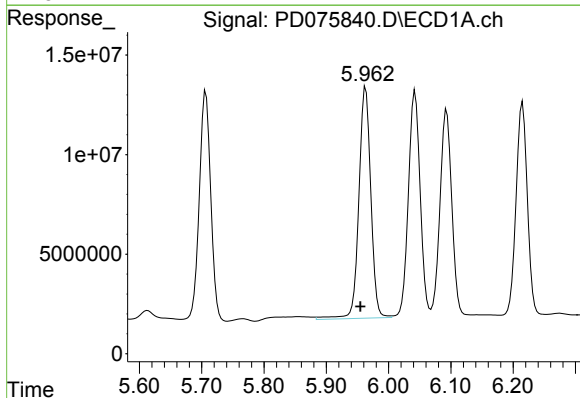
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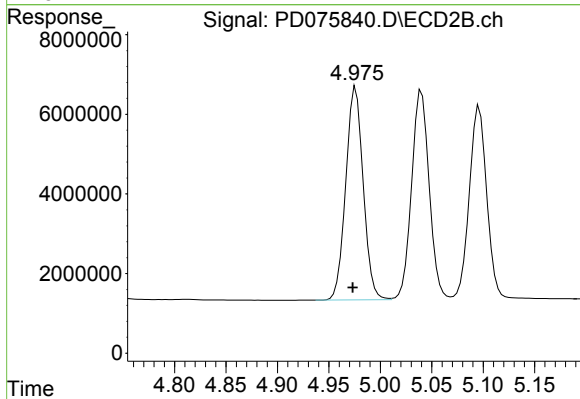
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.003 min
Response: 57516789
Conc: 45.00 ng/ml



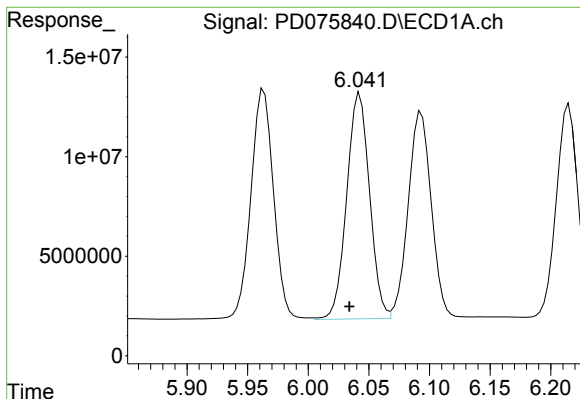
#10 gamma-Chlordane

R.T.: 5.963 min
Delta R.T.: 0.009 min
Response: 155231532
Conc: 48.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.003 min
Response: 63108994
Conc: 45.99 ng/ml



#11 alpha-Chlordane

R.T.: 6.042 min
Delta R.T.: 0.009 min
Response: 148665234
Conc: 45.99 ng/ml

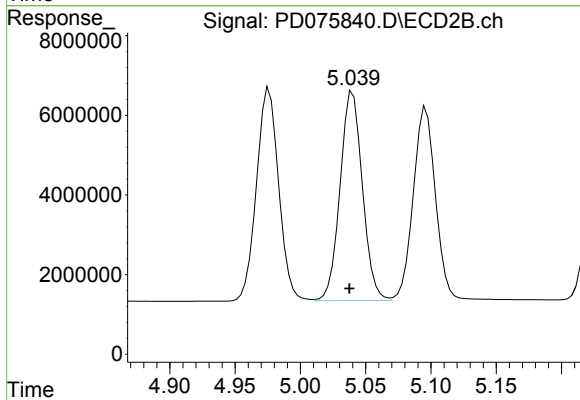
Instrument :

ECD_D

ClientSampleId :
PB153459BS

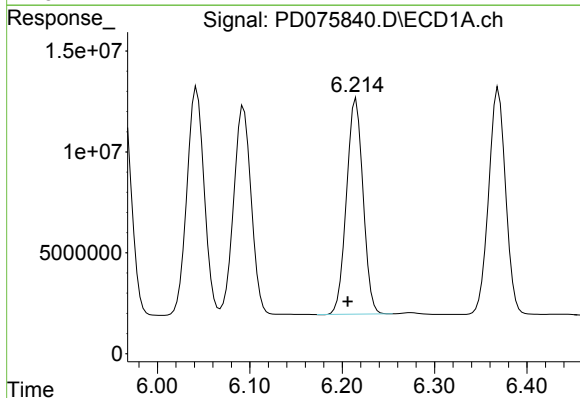
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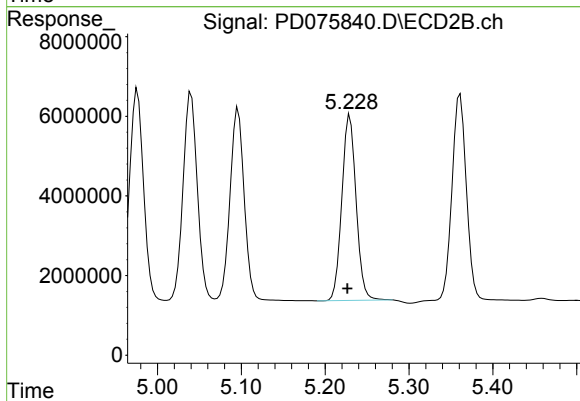
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.003 min
Response: 62525764
Conc: 45.58 ng/ml



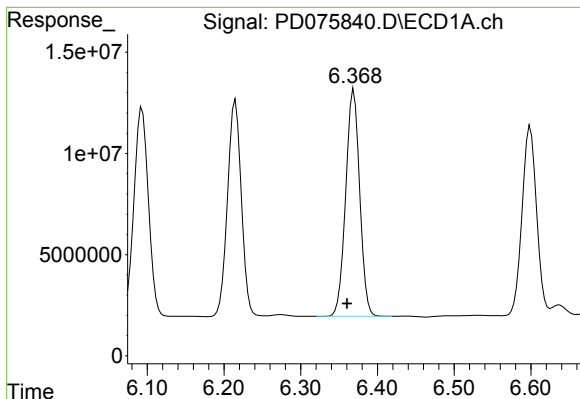
#12 4,4'-DDE

R.T.: 6.215 min
Delta R.T.: 0.009 min
Response: 133001092
Conc: 46.53 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.003 min
Response: 55141084
Conc: 49.40 ng/ml



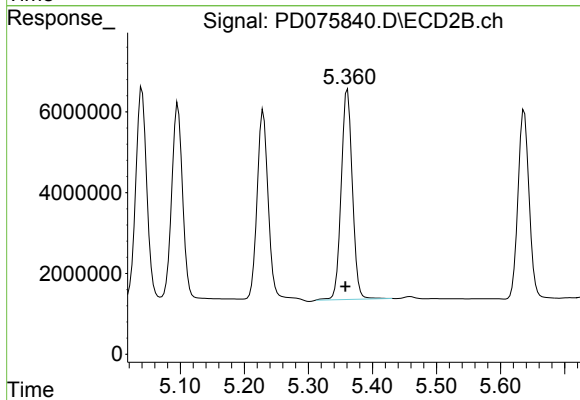
#13 Dieldrin

R.T.: 6.369 min
Delta R.T.: 0.009 min
Response: 142756342
Conc: 45.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153459BS

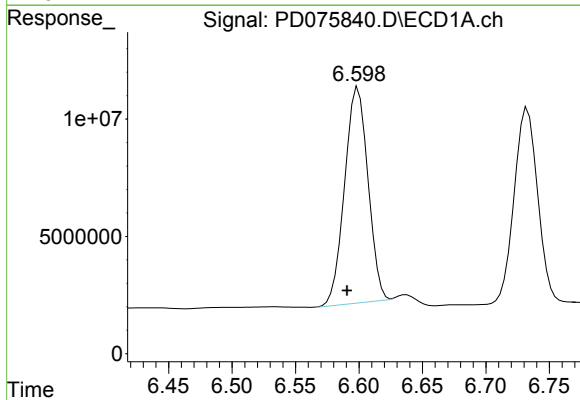
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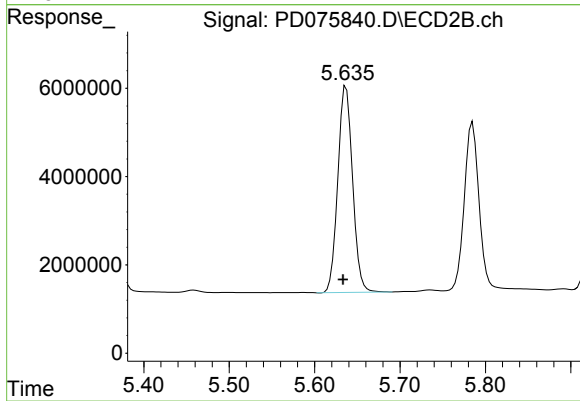
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.003 min
Response: 62959150
Conc: 46.67 ng/ml



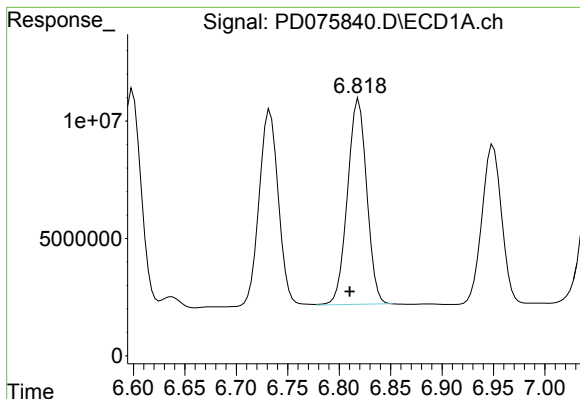
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.007 min
Response: 118025358
Conc: 44.13 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.004 min
Response: 56146598
Conc: 46.14 ng/ml



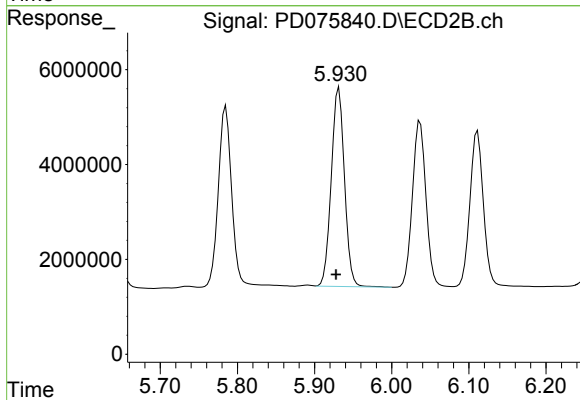
#15 Endosulfan II

R.T.: 6.819 min
Delta R.T.: 0.009 min
Response: 114148852
Conc: 44.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153459BS

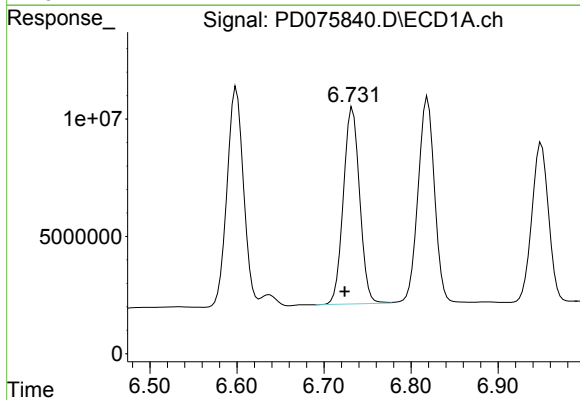
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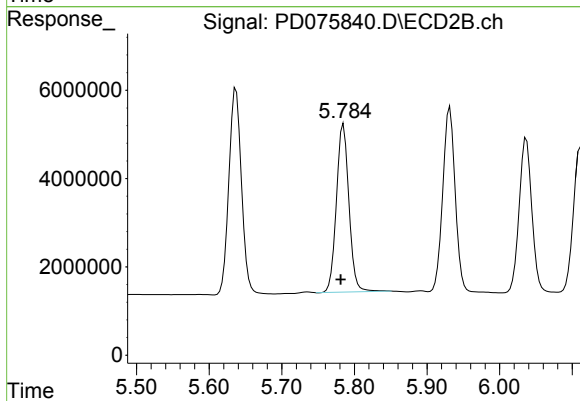
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.004 min
Response: 50008065
Conc: 46.35 ng/ml



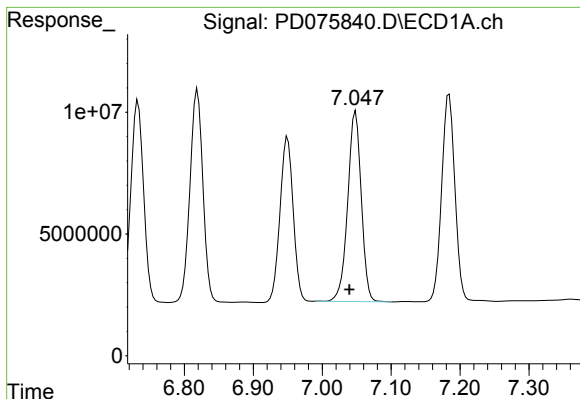
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: 0.009 min
Response: 108749289
Conc: 47.79 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.004 min
Response: 45483071
Conc: 51.61 ng/ml



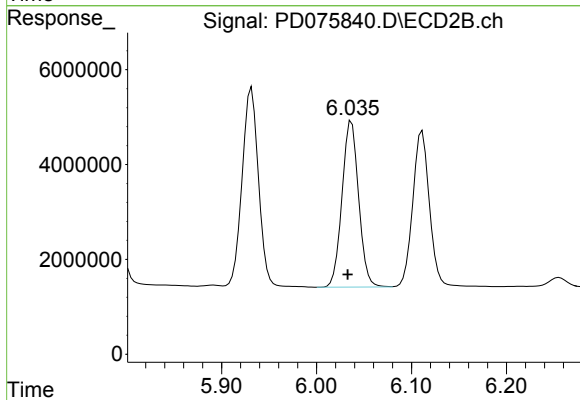
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.009 min
Response: 106843757
Conc: 47.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153459BS

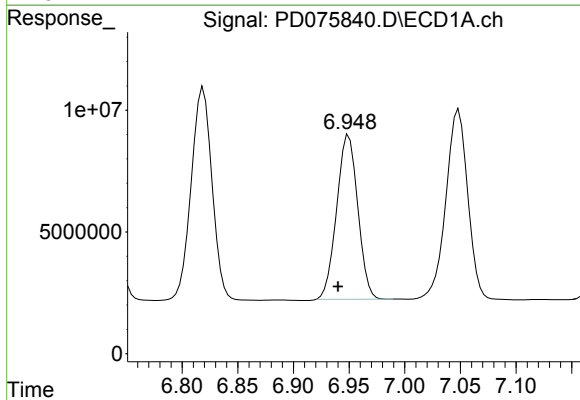
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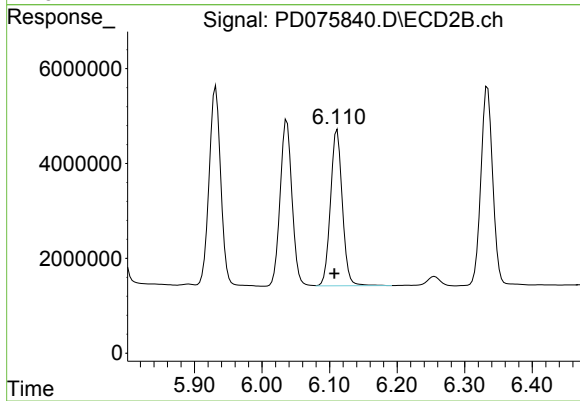
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.004 min
Response: 42660253
Conc: 52.52 ng/ml



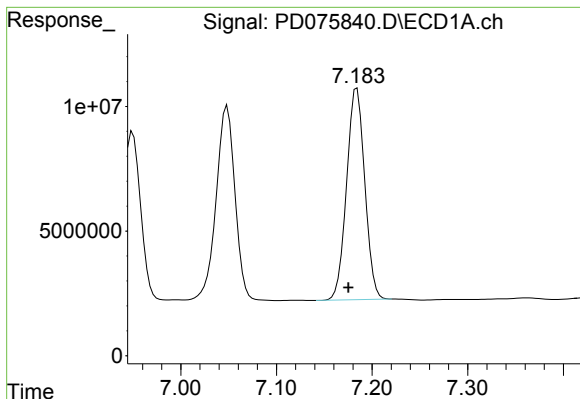
#18 Endrin aldehyde

R.T.: 6.950 min
Delta R.T.: 0.010 min
Response: 89245275
Conc: 44.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.004 min
Response: 40295602
Conc: 46.56 ng/ml



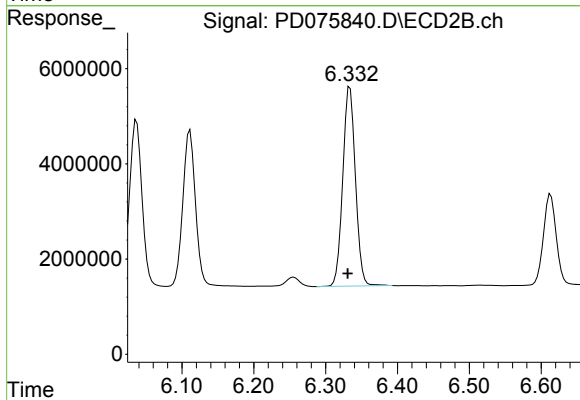
#19 Endosulfan Sulfate

R.T.: 7.184 min
Delta R.T.: 0.009 min
Response: 112530897
Conc: 44.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153459BS

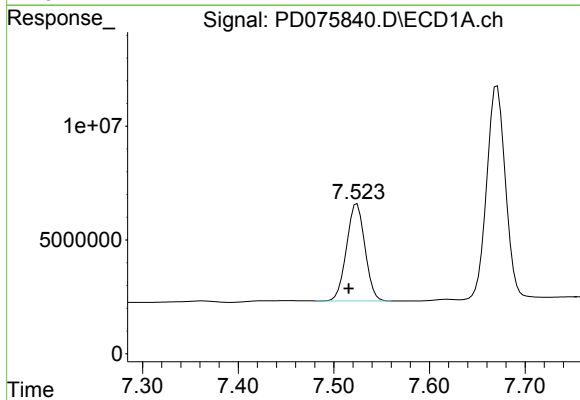
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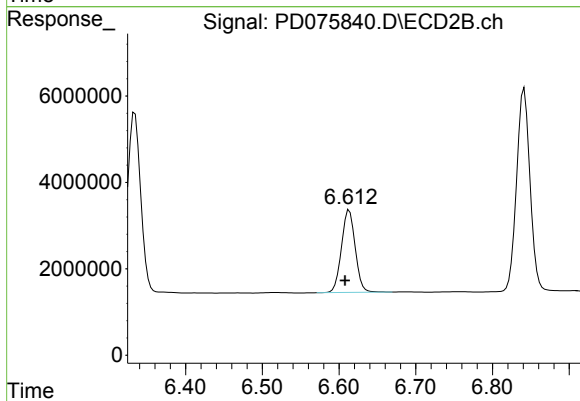
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.003 min
Response: 51212375
Conc: 47.39 ng/ml



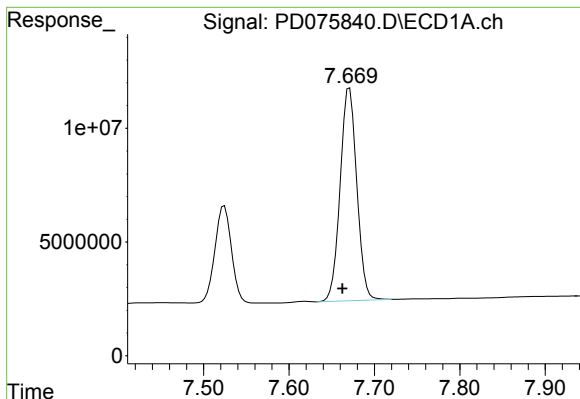
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.009 min
Response: 57306355
Conc: 44.27 ng/ml



#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: 0.005 min
Response: 23810124
Conc: 51.44 ng/ml



#21 Endrin ketone

R.T.: 7.671 min
Delta R.T.: 0.008 min
Response: 126711287
Conc: 45.48 ng/ml

Instrument :

ECD_D

ClientSampleId :

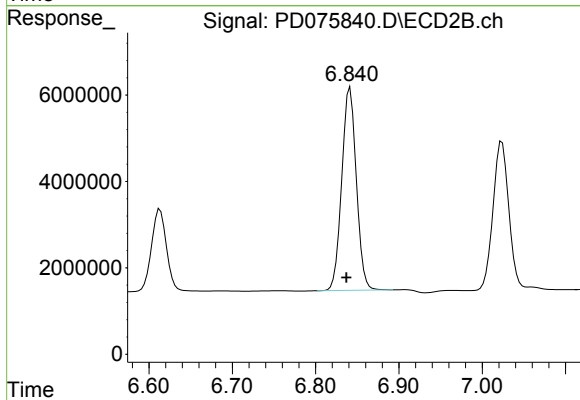
PB153459BS

Manual Integrations

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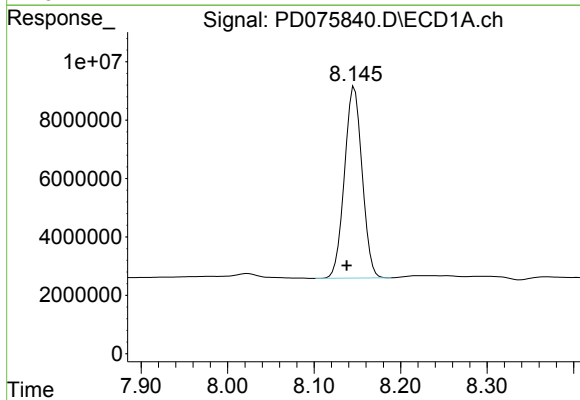
Reviewed By :Abdul Mirza 06/19/2023

Supervised By :Ankita Jodhani 06/19/2023



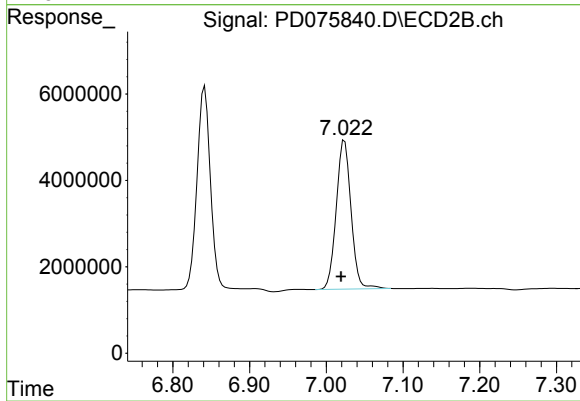
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.005 min
Response: 57064516
Conc: 46.97 ng/ml



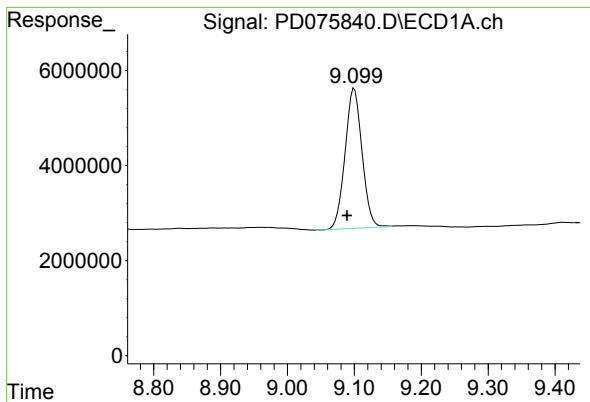
#22 Mirex

R.T.: 8.147 min
Delta R.T.: 0.009 min
Response: 92460186
Conc: 43.15 ng/ml



#22 Mirex

R.T.: 7.024 min
Delta R.T.: 0.005 min
Response: 46300630
Conc: 44.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: 0.011 min
Response: 51922626
Conc: 20.50 ng/ml

Instrument :

ECD_D

ClientSampleId :

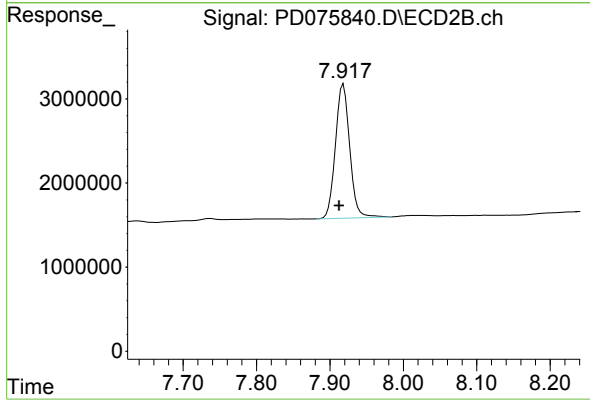
PB153459BS

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.006 min
Response: 21579543
Conc: 22.07 ng/ml