

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075837.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 11:16
 Operator : AR\AJ
 Sample : 03221-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RT-4194MSD

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 12:38:41 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...	3.545	2.768	55060720	28059992	25.848m	25.863
2)	SA Decachlor...	9.090	7.914	70327144	26526407	27.760m	27.129m
Target Compounds							
2)	A alpha-BHC	4.004	3.270	204.5E6	85880349	55.376	53.683
3)	MA gamma-BHC...	4.335	3.600	189.2E6	81790169	56.235m	55.510
4)	MA Heptachlor	4.929	3.941	224.4E6	84871479	62.567	55.879
5)	MB Aldrin	5.271	4.220	234.0E6	79875417	66.773	53.565m
6)	B beta-BHC	4.532	3.897	75022502	34316613	52.182m	53.838
7)	B delta-BHC	4.782	4.127	132.2E6	57288582	39.768	39.537
8)	B Heptachlo...	5.700	4.722	230.2E6	87678654	71.452	63.830m
9)	A Endosulfan I	6.087	5.094	167.2E6	62846806	55.730	49.168
10)	B gamma-Chl...	5.957	4.974	449.9E6	172.9E6	139.652	125.991
11)	B alpha-Chl...	6.037	5.038	580.3E6	195.5E6	179.513	142.520
12)	B 4,4'-DDE	6.208	5.226	165.2E6	73387118	57.786	65.749m
13)	MA Dieldrin	6.363	5.360	177.2E6	83677866	56.702	62.022
14)	MA Endrin	6.593	5.634	138.6E6	69880030	51.840m	57.420m
15)	B Endosulfa...	6.813	5.929	117.7E6	78332132	45.562	72.607m#
16)	A 4,4'-DDD	6.726	5.782	143.3E6	48024921	62.986m	54.495m
17)	MA 4,4'-DDT	7.042	6.034	160.7E6	68331626	70.826	84.122
18)	B Endrin al...	6.942	6.107	105.4E6	48394535	52.522m	55.916m
19)	B Endosulfa...	7.179	6.332	125.6E6	54442494	49.840	50.381
20)	A Methoxychlor	7.518	6.611	57789096	28140792	44.646	60.800 #
21)	B Endrin ke...	7.664	6.838	143.1E6	59779228	51.366m	49.203m
22)	Mirex	8.141	7.021	110.7E6	46268579	51.671	44.140m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
Data File : PD075837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2023 11:16
Operator : AR\AJ
Sample : 03221-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

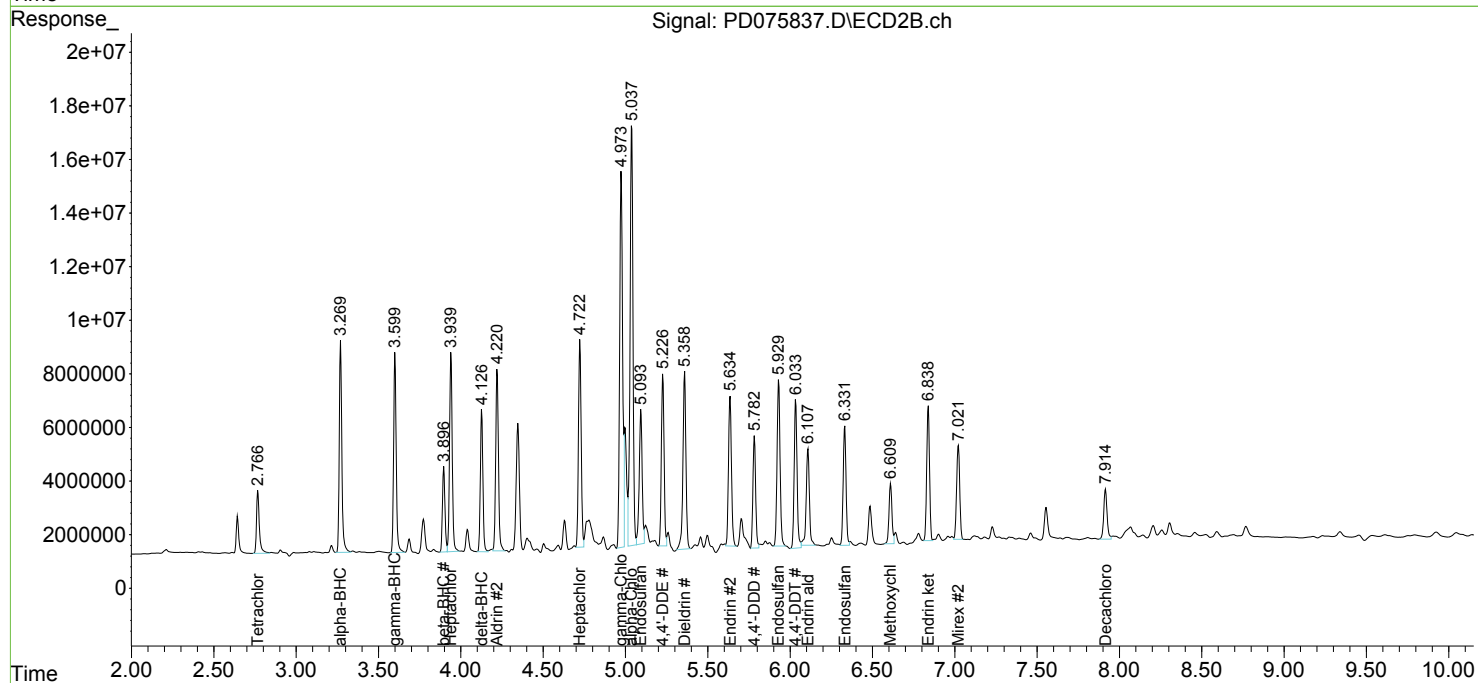
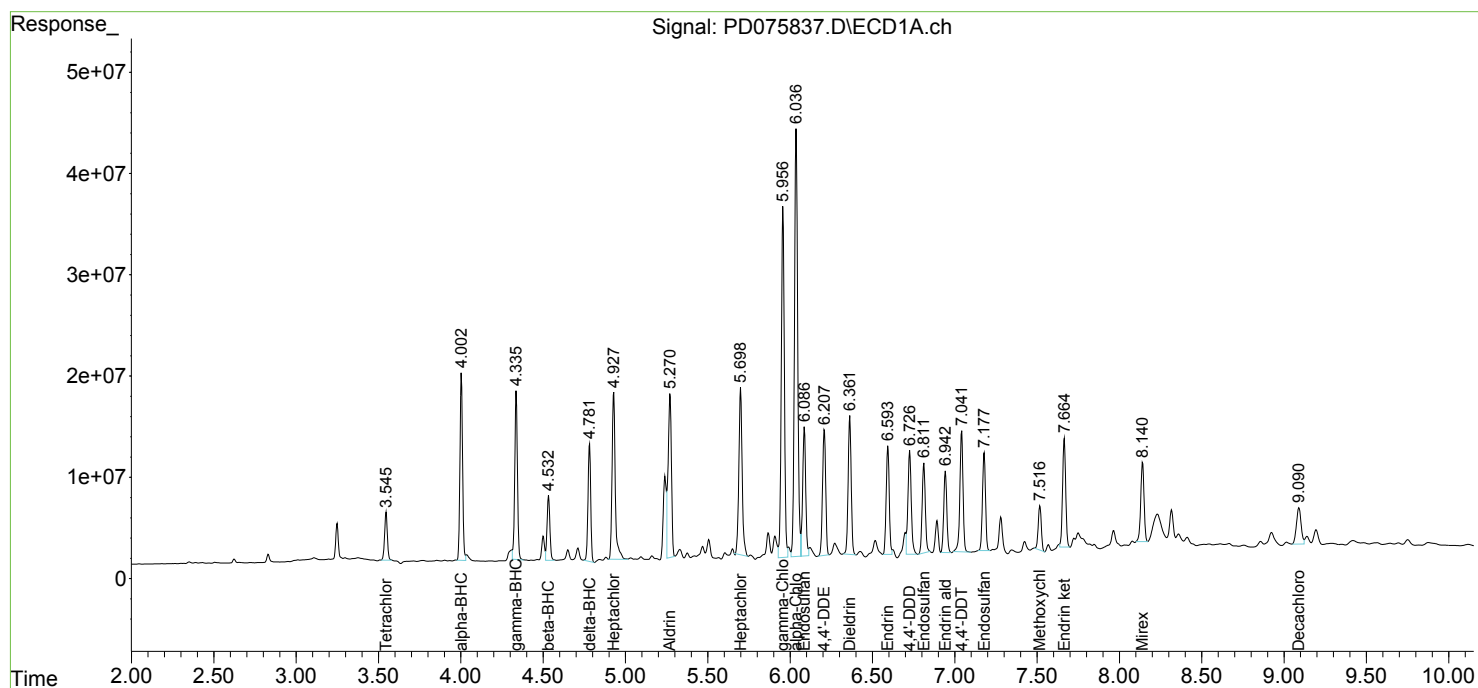
Instrument :
ECD_D
ClientSampleId :
RT-4194MSD

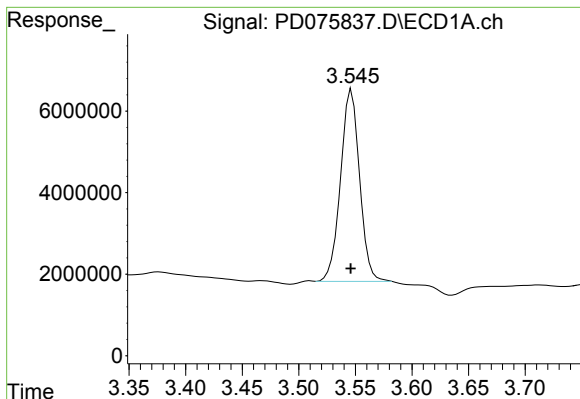
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Supervised By : Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 12:38:41 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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Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





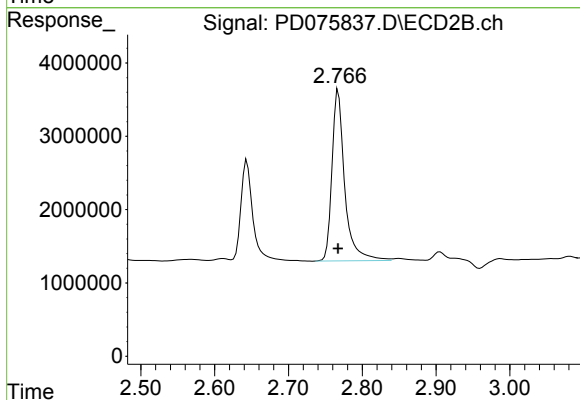
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 55060720
Conc: 25.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MSD

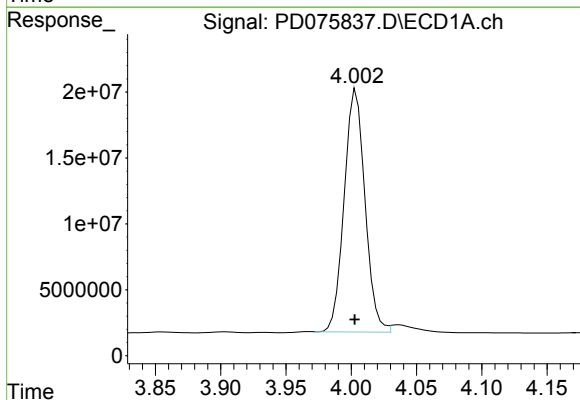
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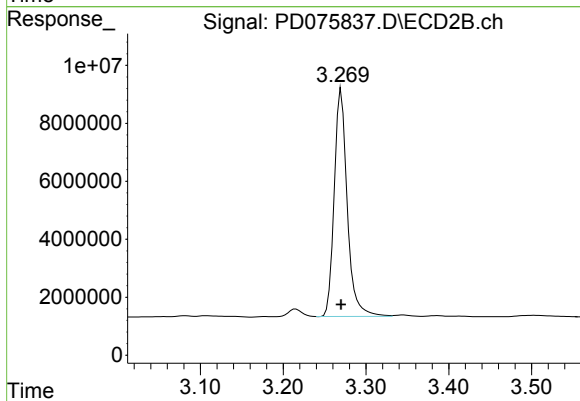
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 28059992
Conc: 25.86 ng/ml



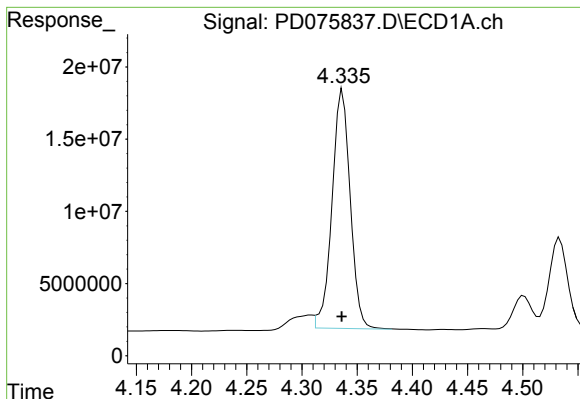
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.001 min
Response: 204455548
Conc: 55.38 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 85880349
Conc: 53.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 189226319
Conc: 56.24 ng/ml

Instrument :

ECD_D

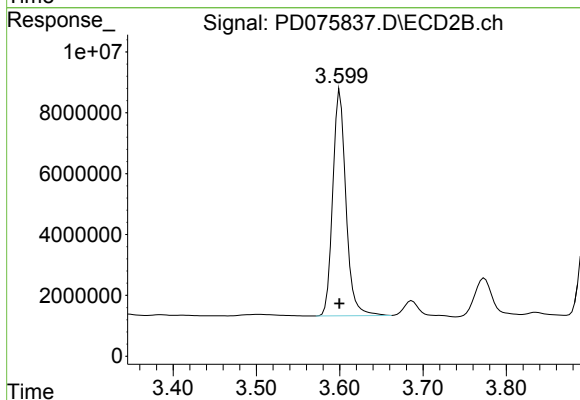
ClientSampleId :

RT-4194MSD

Manual Integrations

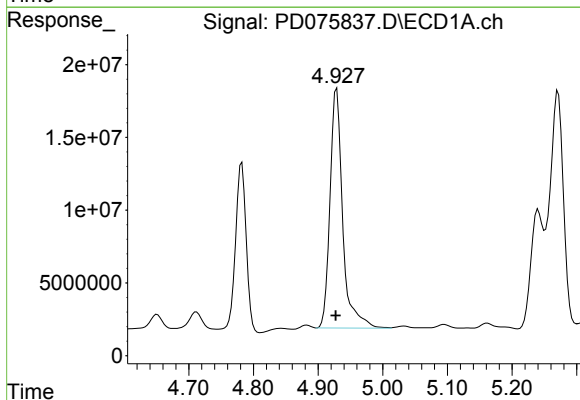
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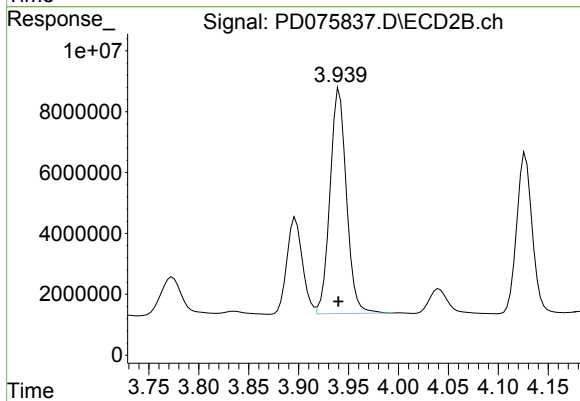
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 81790169
Conc: 55.51 ng/ml



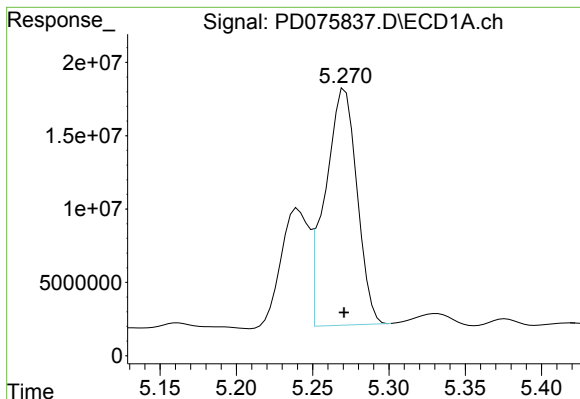
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 224402006
Conc: 62.57 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 84871479
Conc: 55.88 ng/ml



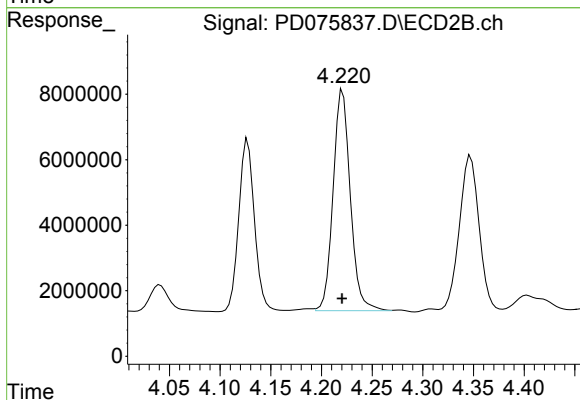
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 233987614
Conc: 66.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MSD

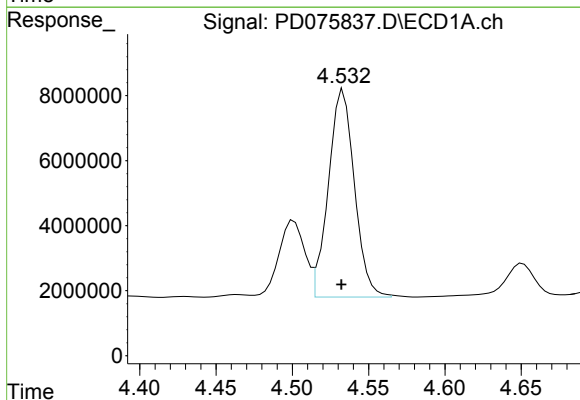
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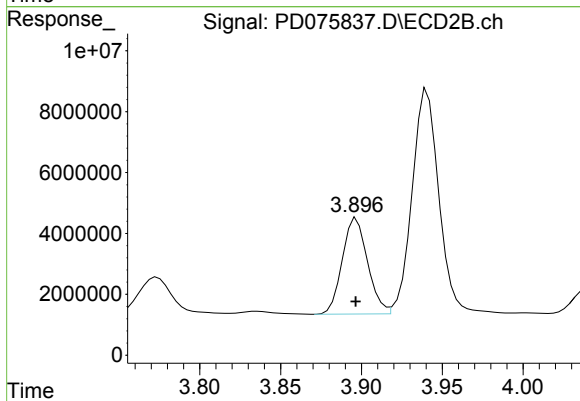
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 79875417
Conc: 53.56 ng/ml m



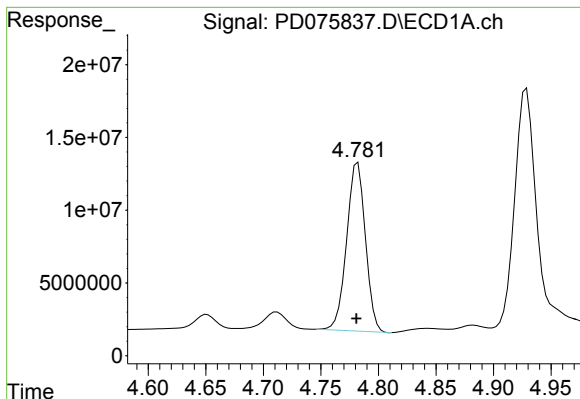
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 75022502
Conc: 52.18 ng/ml m



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 34316613
Conc: 53.84 ng/ml



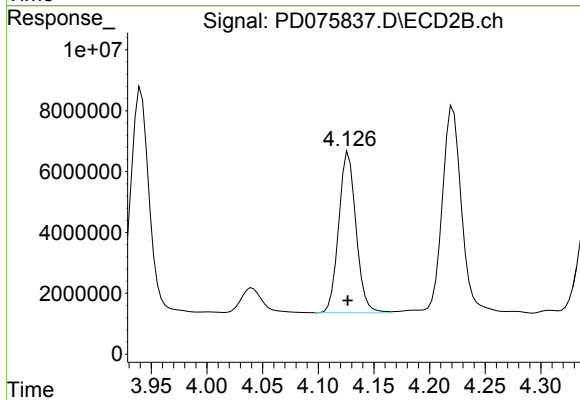
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.001 min
Response: 132175644
Conc: 39.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MSD

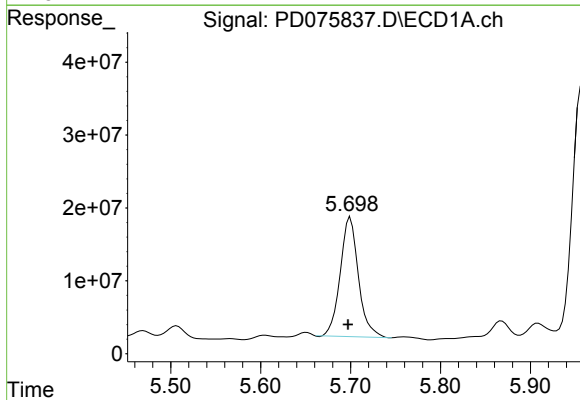
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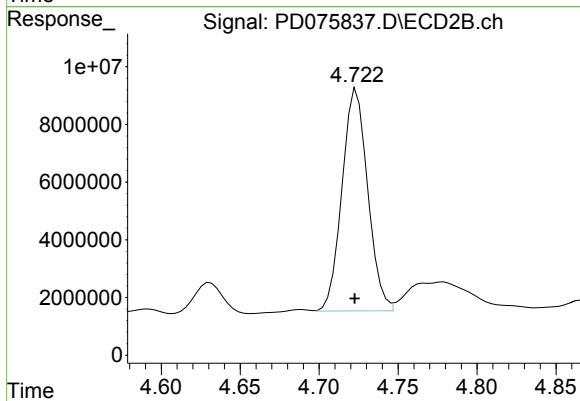
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 57288582
Conc: 39.54 ng/ml



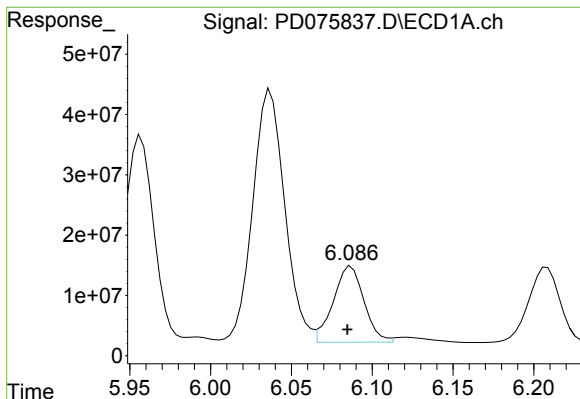
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.002 min
Response: 230237964
Conc: 71.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 87678654
Conc: 63.83 ng/ml m



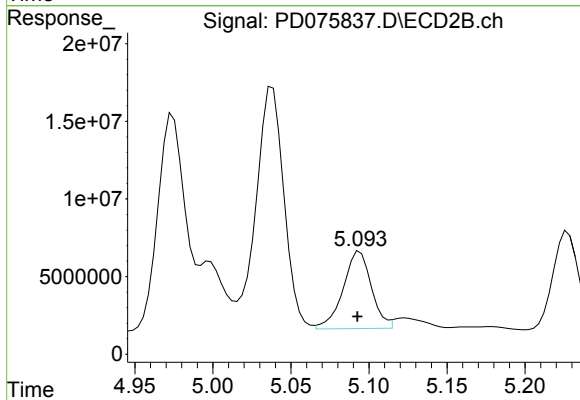
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: 0.002 min
Response: 167160105
Conc: 55.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MSD

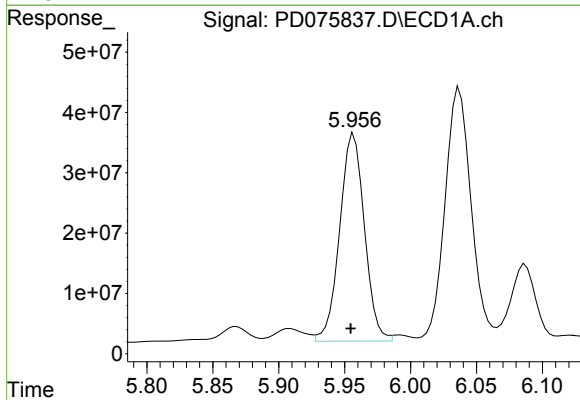
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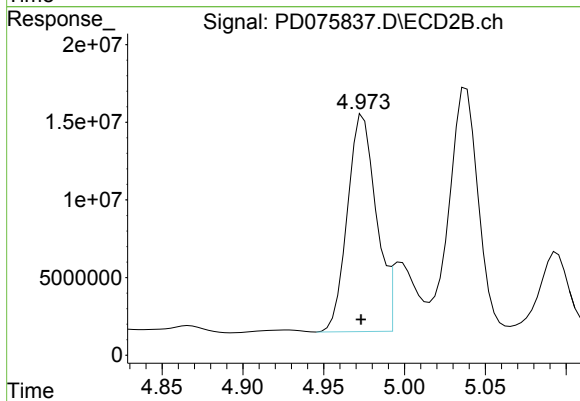
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.002 min
Response: 62846806
Conc: 49.17 ng/ml



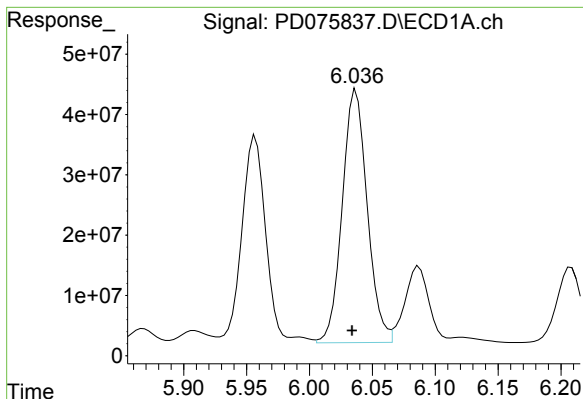
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 449863648
Conc: 139.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.001 min
Response: 172874016
Conc: 125.99 ng/ml



#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: 0.003 min
Response: 580345956
Conc: 179.51 ng/ml

Instrument :

ECD_D

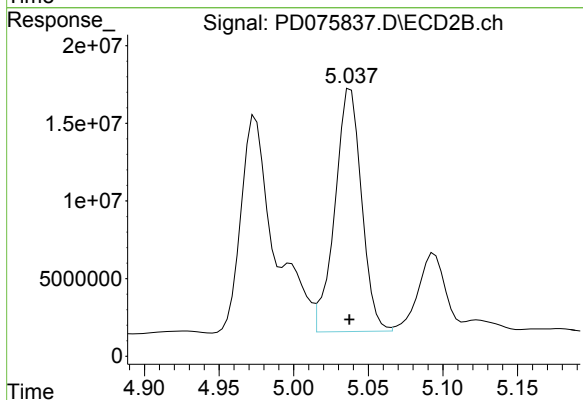
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RT-4194MSD

Manual Integrations

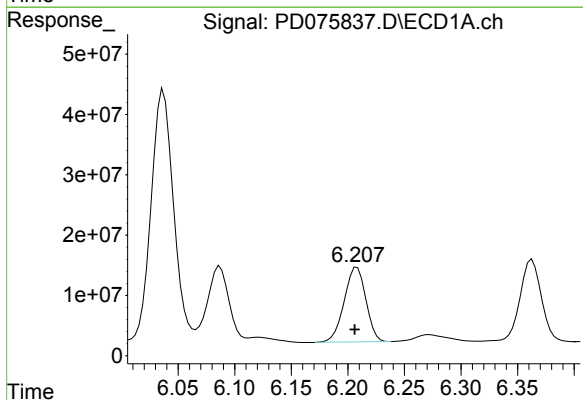
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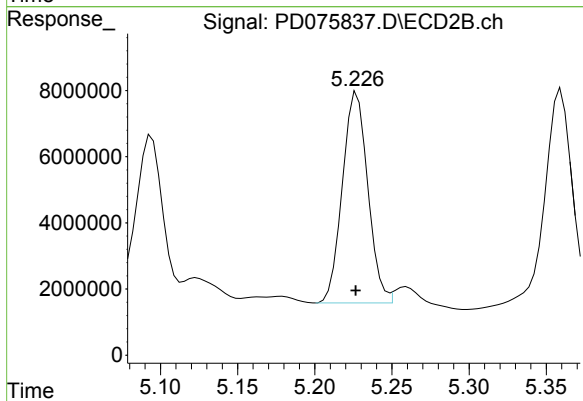
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 195504146
Conc: 142.52 ng/ml



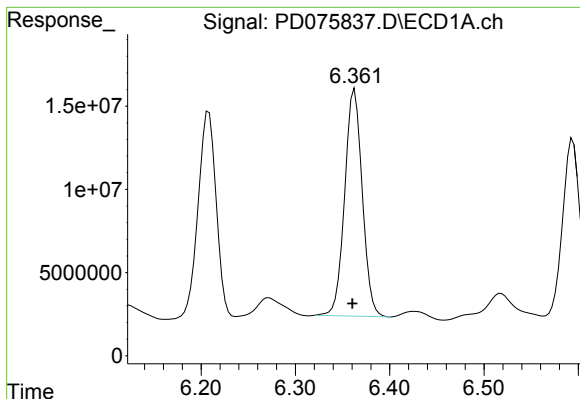
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 165161492
Conc: 57.79 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 73387118
Conc: 65.75 ng/ml m



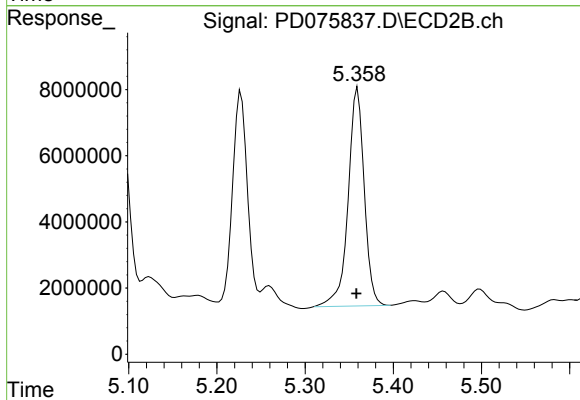
#13 Dieldrin

R.T.: 6.363 min
Delta R.T.: 0.002 min
Response: 177190734
Conc: 56.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MSD

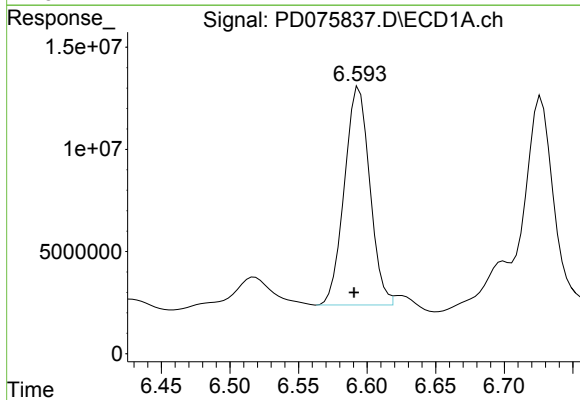
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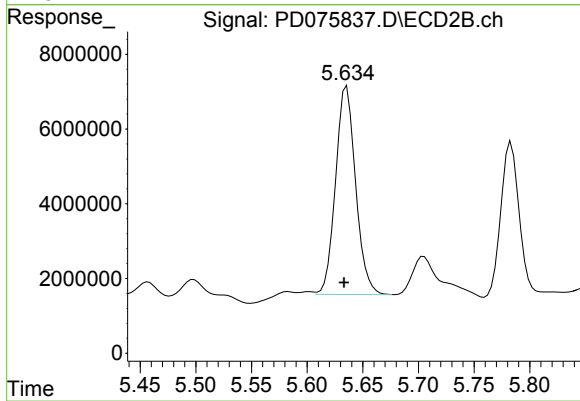
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.002 min
Response: 83677866
Conc: 62.02 ng/ml



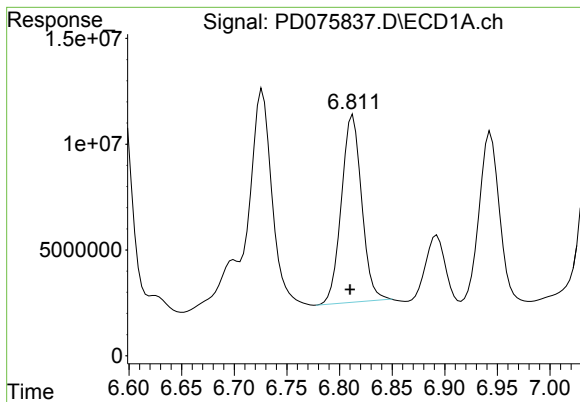
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.002 min
Response: 138637797
Conc: 51.84 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 69880030
Conc: 57.42 ng/ml m



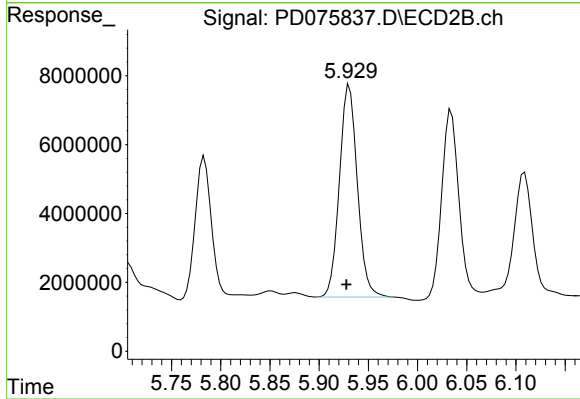
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: 0.003 min
Response: 117715309
Conc: 45.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MSD

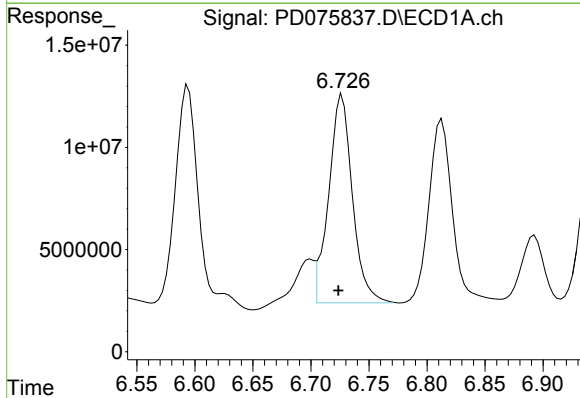
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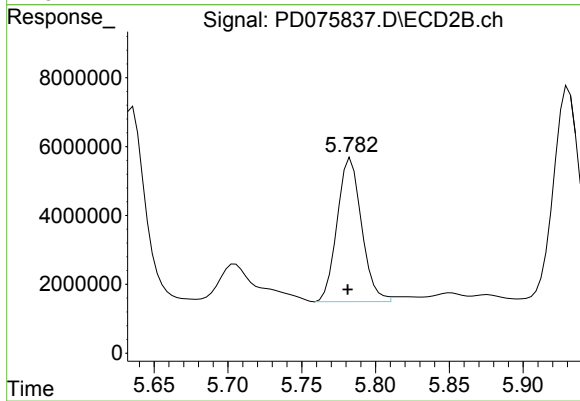
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.002 min
Response: 78332132
Conc: 72.61 ng/ml m



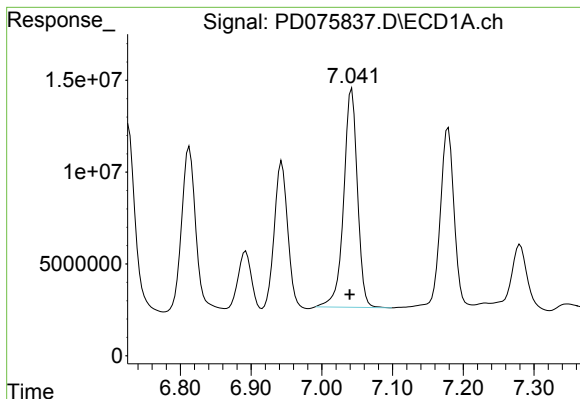
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 143333528
Conc: 62.99 ng/ml m



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 48024921
Conc: 54.50 ng/ml m



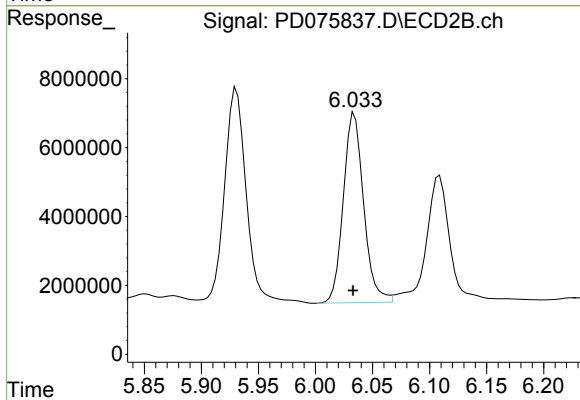
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: 0.003 min
Response: 160723094
Conc: 70.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MSD

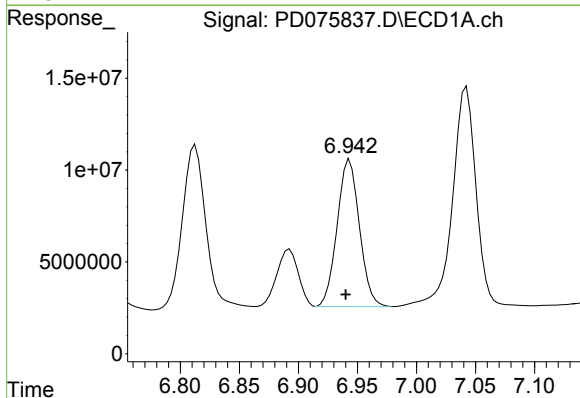
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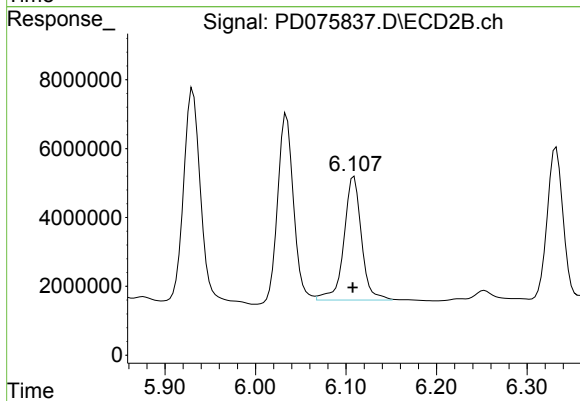
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.001 min
Response: 68331626
Conc: 84.12 ng/ml



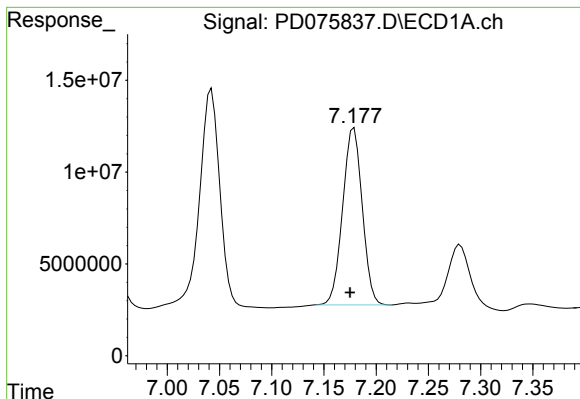
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 105390929
Conc: 52.52 ng/ml m



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 48394535
Conc: 55.92 ng/ml m



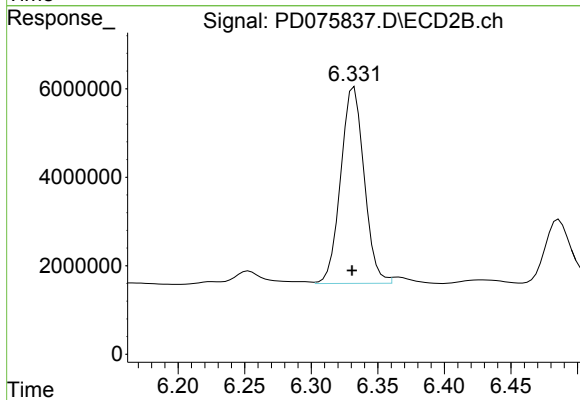
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: 0.004 min
Response: 125564142
Conc: 49.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MSD

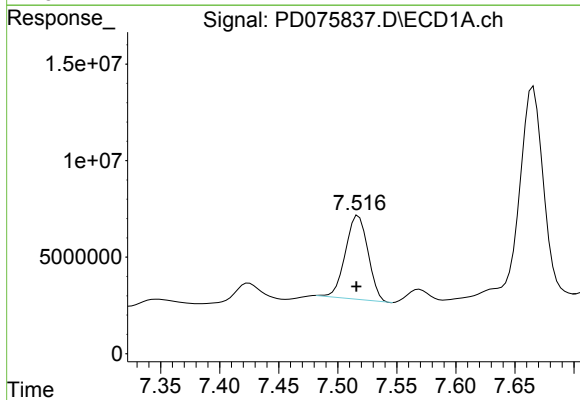
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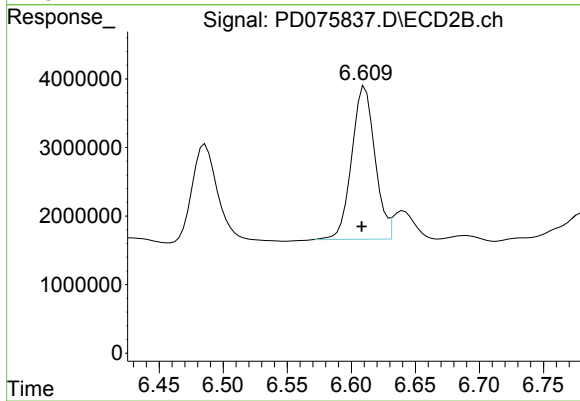
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: 0.002 min
Response: 54442494
Conc: 50.38 ng/ml



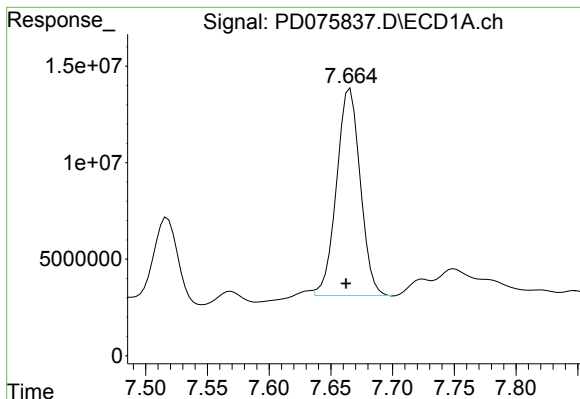
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: 0.002 min
Response: 57789096
Conc: 44.65 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.003 min
Response: 28140792
Conc: 60.80 ng/ml



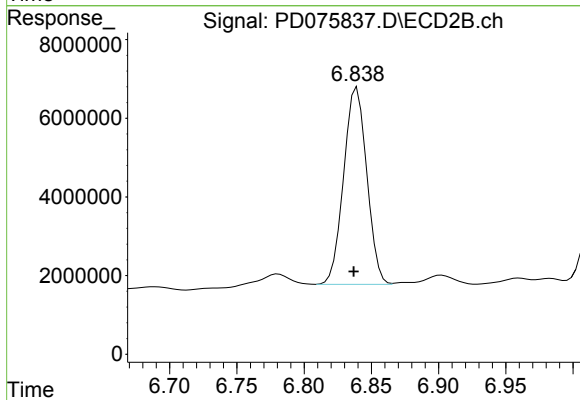
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: 0.002 min
Response: 143101686
Conc: 51.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MSD

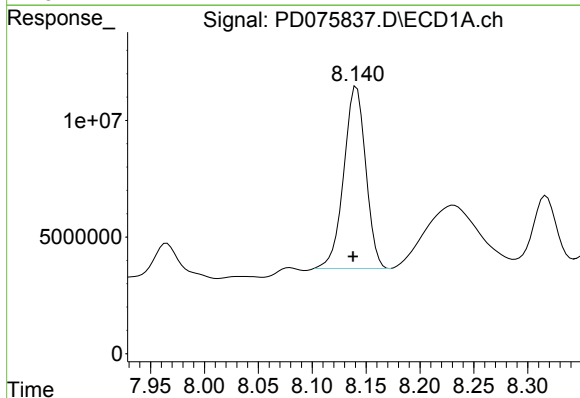
Manual Integrations
APPROVED

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



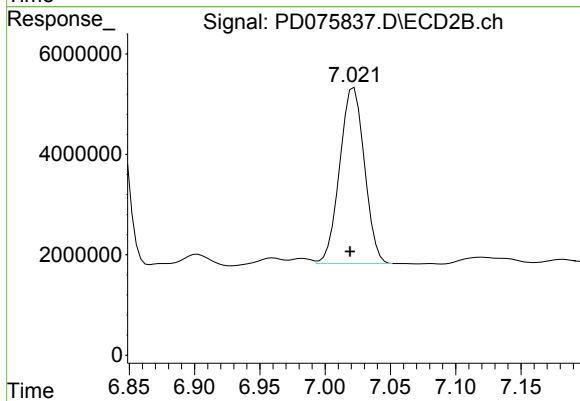
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 59779228
Conc: 49.20 ng/ml m



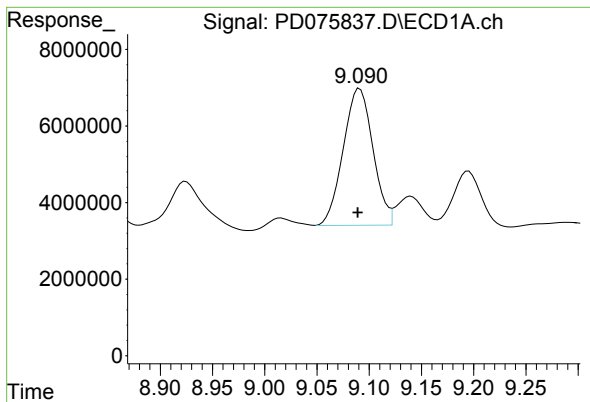
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.003 min
Response: 110706876
Conc: 51.67 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 46268579
Conc: 44.14 ng/ml m



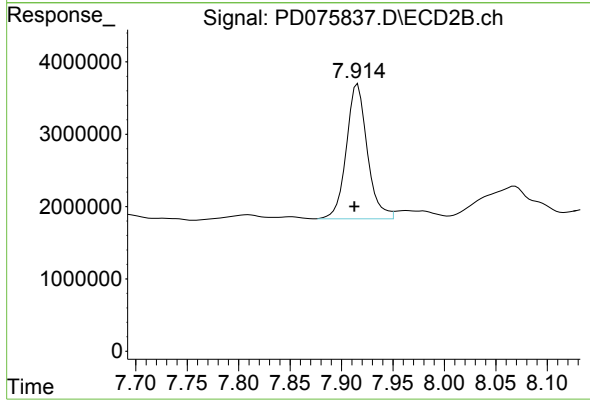
#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 70327144
Conc: 27.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 06/19/2023



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.002 min
Response: 26526407
Conc: 27.13 ng/ml m