

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
 Data File : PD075893.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 11:46
 Operator : AR\AJ
 Sample : 03229-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OR-402-COMP-09MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 22:13:54 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...	3.547	2.768	57650811	26745735	27.064	24.652
28)	SA Decachlor...	9.089	7.914	63826565	25699807	25.194	26.283
Target Compounds							
2)	A alpha-BHC	4.002	3.270	219.0E6	91684659	59.324m	57.312
3)	MA gamma-BHC...	4.337	3.600	203.2E6	85654840	60.390	58.133
4)	MA Heptachlor	4.929	3.940	217.3E6	87489919	60.578	57.603
5)	MB Aldrin	5.272	4.220	208.1E6	87009941	59.385	58.349
6)	B beta-BHC	4.533	3.897	84057566	36344875	58.466	57.020
7)	B delta-BHC	4.782	4.127	144.4E6	60564703	43.456	41.798
8)	B Heptachlo...	5.699	4.723	188.7E6	77490152	58.560	56.412
9)	A Endosulfan I	6.086	5.093	176.1E6	72355441	58.704	56.607
10)	B gamma-Chl...	5.956	4.974	191.0E6	78067265	59.303	56.896
11)	B alpha-Chl...	6.035	5.038	188.4E6	76934655	58.264	56.084
12)	B 4,4'-DDE	6.208	5.227	175.9E6	71658190	61.559	64.200
13)	MA Dieldrin	6.362	5.358	185.3E6	76628780	59.284	56.797
14)	MA Endrin	6.593	5.634	154.9E6	68075105	57.906	55.937
15)	B Endosulfa...	6.812	5.928	147.3E6	62221918	56.995	57.674
16)	A 4,4'-DDD	6.725	5.781	141.7E6	58921268	62.274	66.859
17)	MA 4,4'-DDT	7.041	6.033	144.9E6	56570582	63.834	69.643
18)	B Endrin al...	6.941	6.108	114.8E6	49384342	57.223m	57.059
19)	B Endosulfa...	7.177	6.330	138.7E6	60383042	55.051	55.879
20)	A Methoxychlor	7.517	6.609	74494240	29788176	57.551	64.359
21)	B Endrin ke...	7.664	6.837	161.7E6	72336093	58.050	59.538
22)	Mirex	8.139	7.020	115.6E6	54819577	53.966	52.298

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

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Data File : PD075893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 11:46
Operator : AR\AJ
Sample : 03229-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

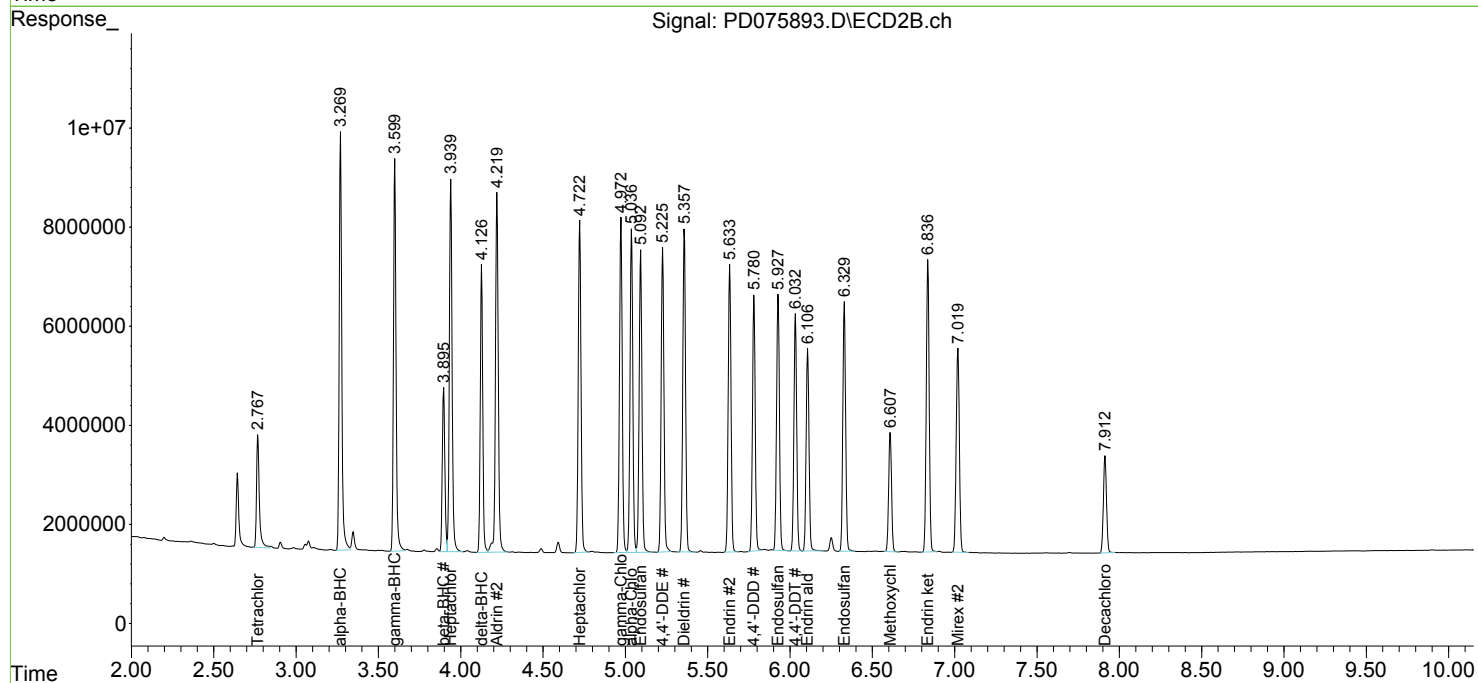
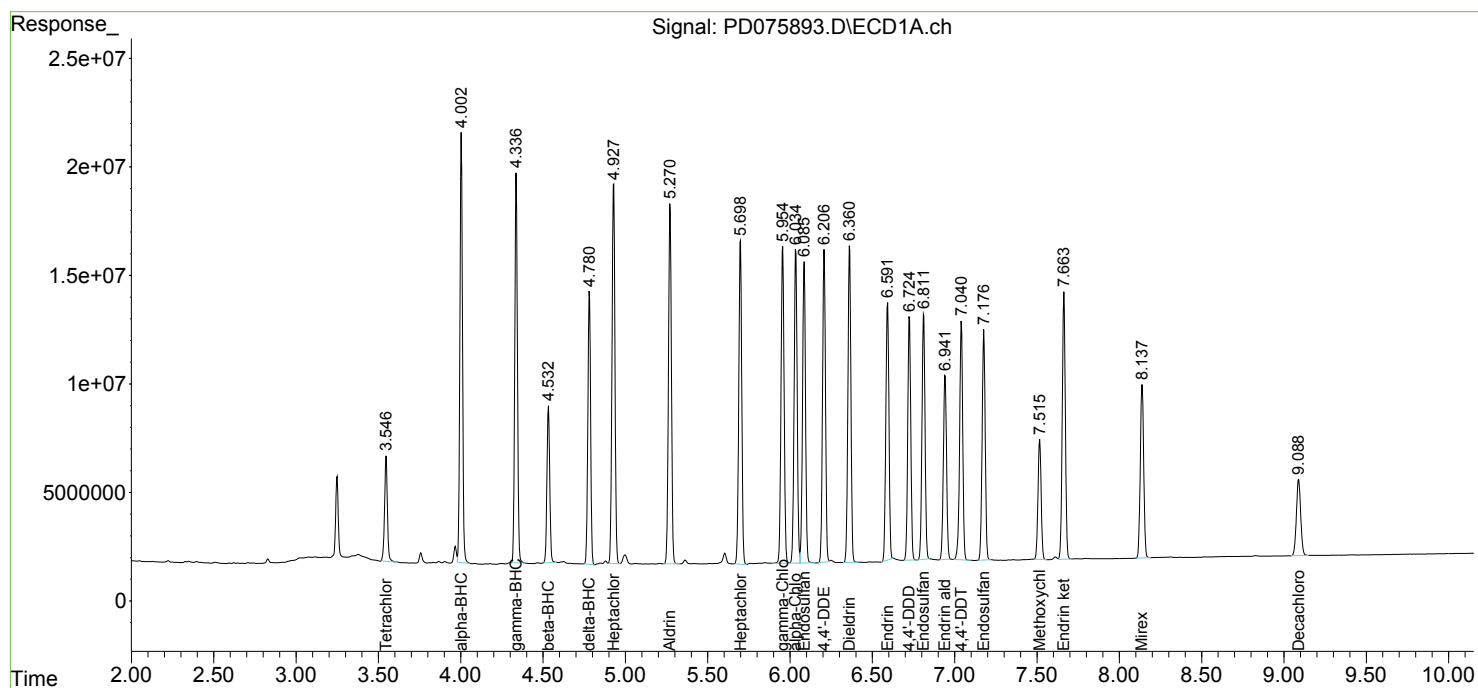
Instrument :
ECD_D
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OR-402-COMP-09MSD

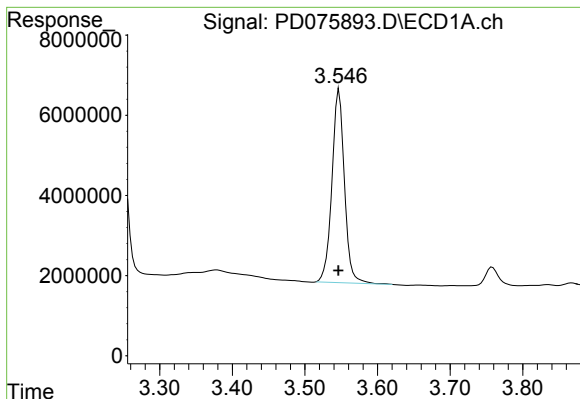
Manual Integrations
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Supervised By :Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 22:13:54 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
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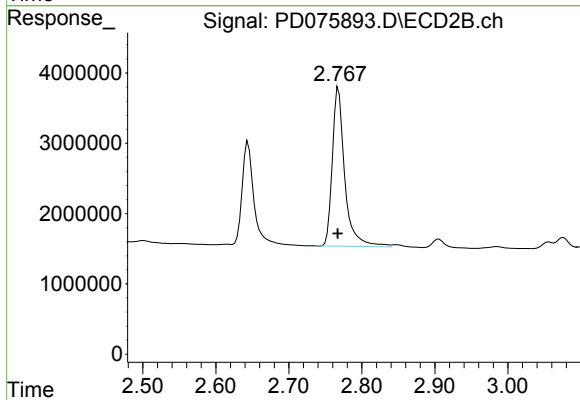
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.001 min
Response: 57650811
Conc: 27.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
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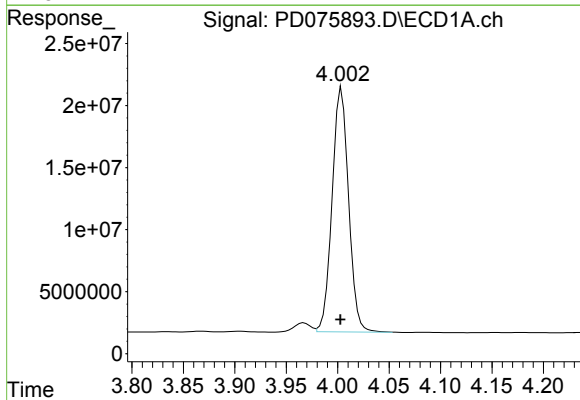
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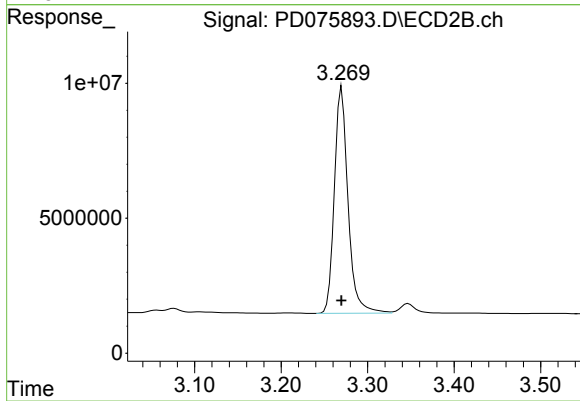
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 26745735
Conc: 24.65 ng/ml



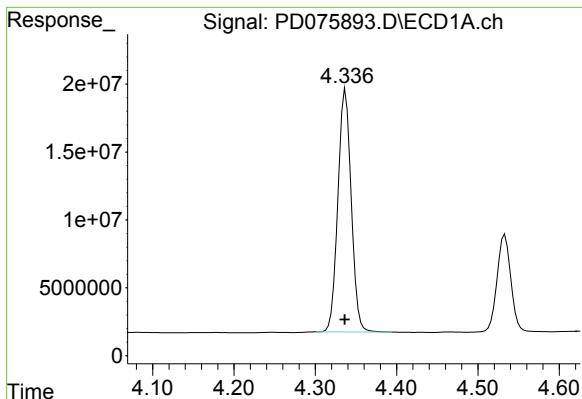
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 219031960
Conc: 59.32 ng/ml m



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 91684659
Conc: 57.31 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.001 min
Response: 203205437
Conc: 60.39 ng/ml

Instrument :

ECD_D

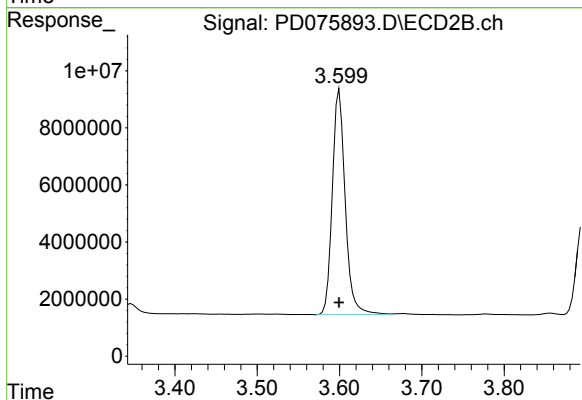
ClientSampleId :

OR-402-COMP-09MSD

Manual Integrations

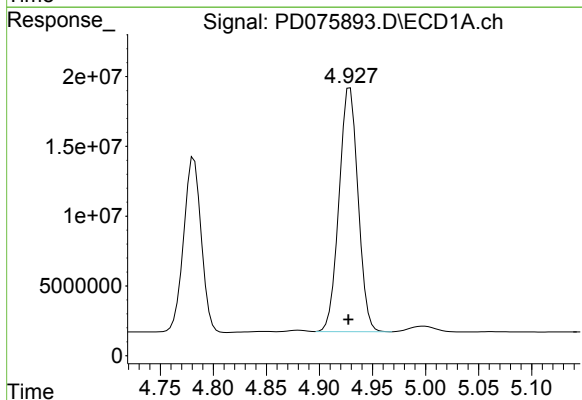
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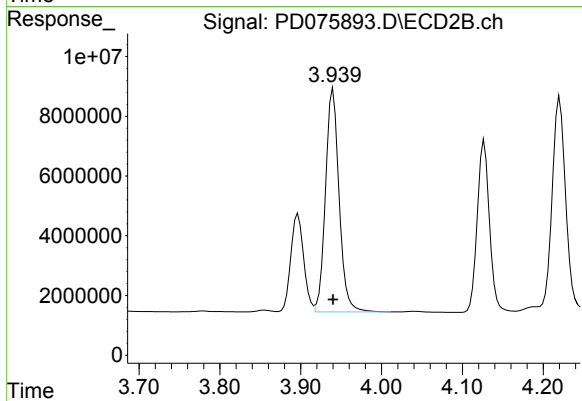
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 85654840
Conc: 58.13 ng/ml



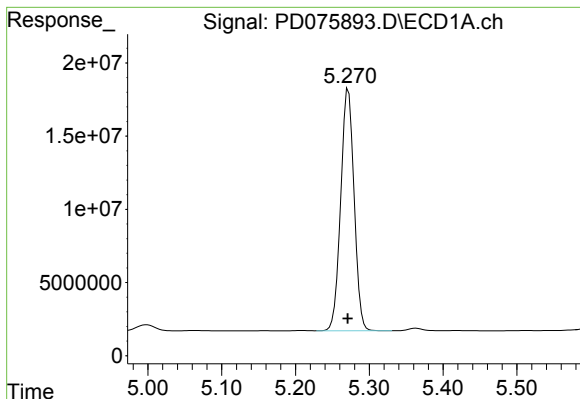
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 217270186
Conc: 60.58 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 87489919
Conc: 57.60 ng/ml



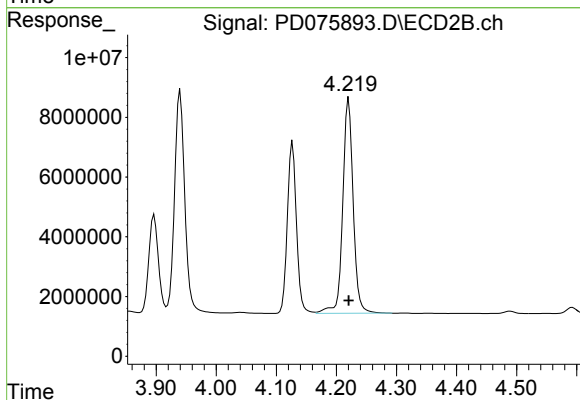
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.001 min
Response: 208097227
Conc: 59.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
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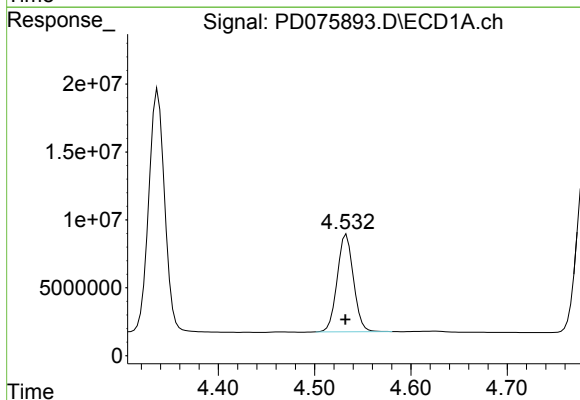
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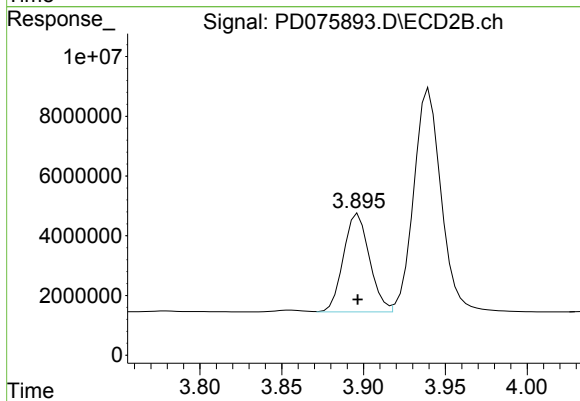
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 87009941
Conc: 58.35 ng/ml



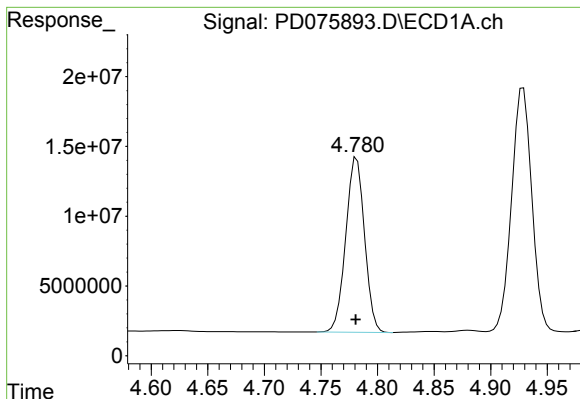
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.001 min
Response: 84057566
Conc: 58.47 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 36344875
Conc: 57.02 ng/ml



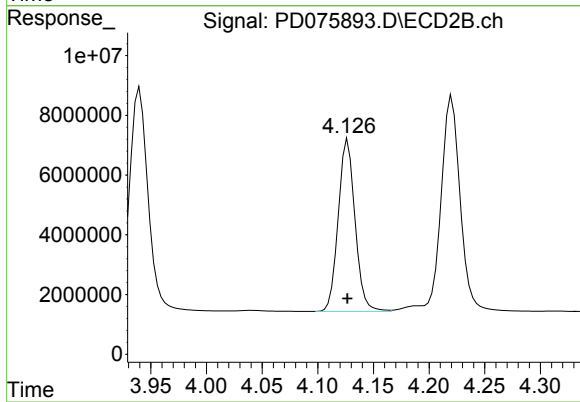
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 144433623
Conc: 43.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
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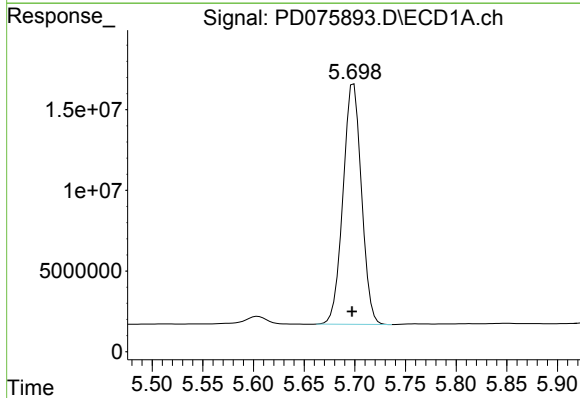
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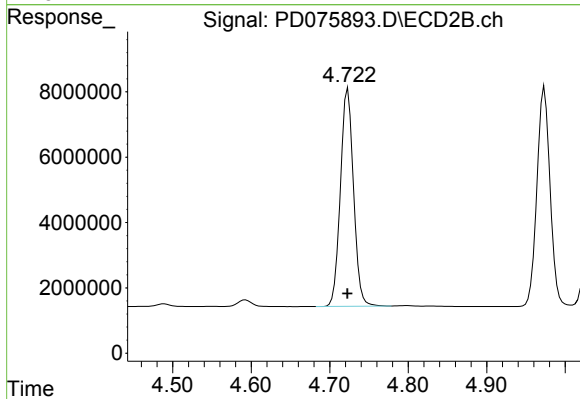
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 60564703
Conc: 41.80 ng/ml



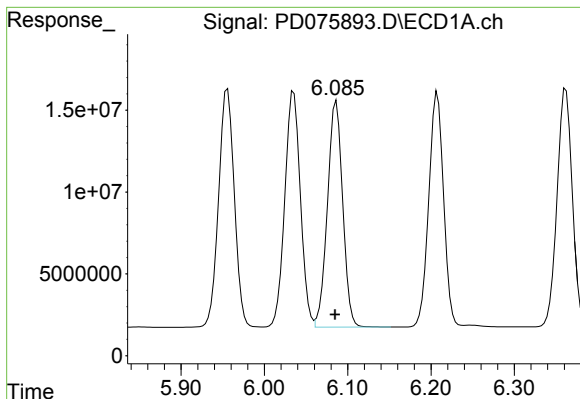
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 188697266
Conc: 58.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 77490152
Conc: 56.41 ng/ml



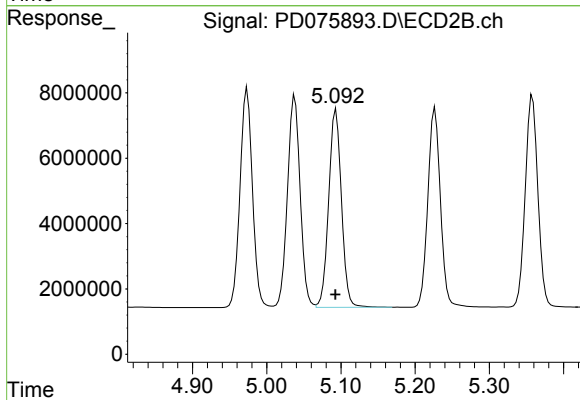
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.002 min
Response: 176080496
Conc: 58.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-402-COMP-09MSD

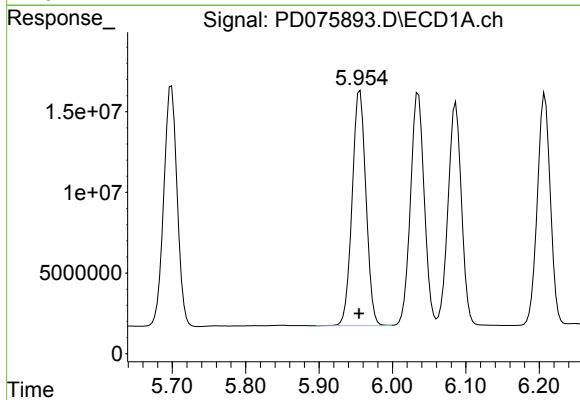
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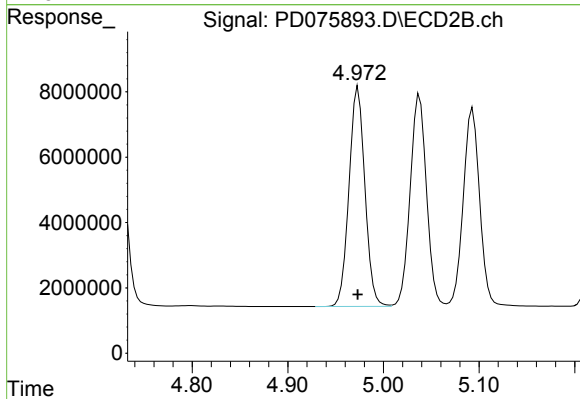
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 72355441
Conc: 56.61 ng/ml



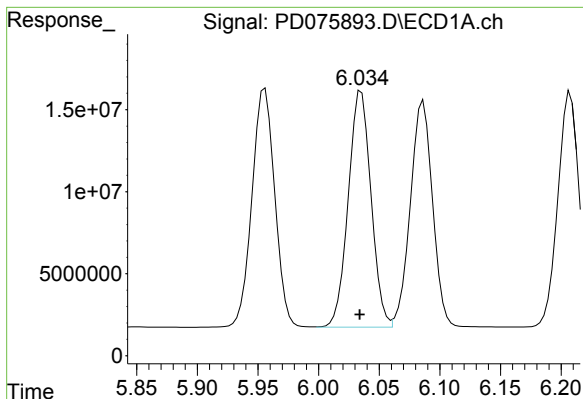
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.001 min
Response: 191035199
Conc: 59.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 78067265
Conc: 56.90 ng/ml



#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.001 min
Response: 188359185
Conc: 58.26 ng/ml

Instrument :

ECD_D

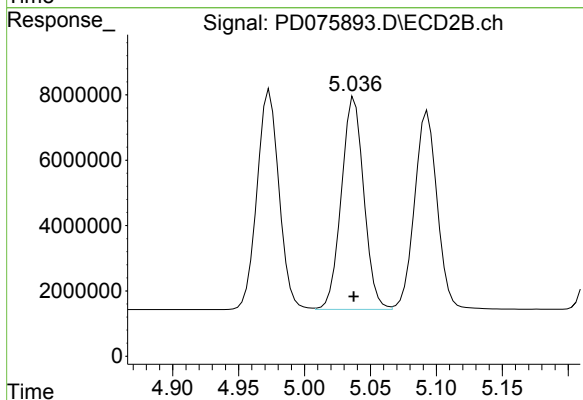
ClientSampleId :

OR-402-COMP-09MSD

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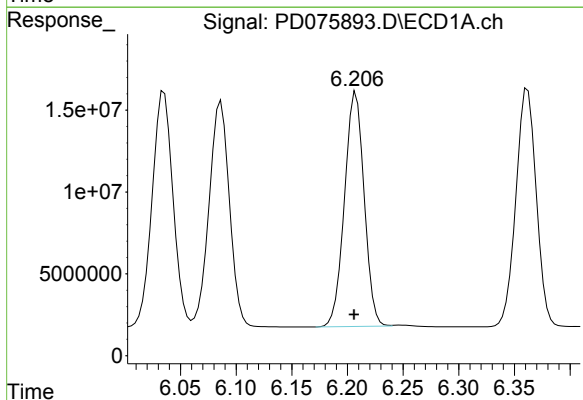
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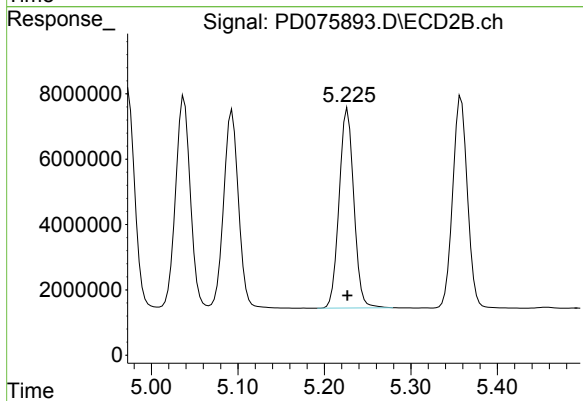
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 76934655
Conc: 56.08 ng/ml



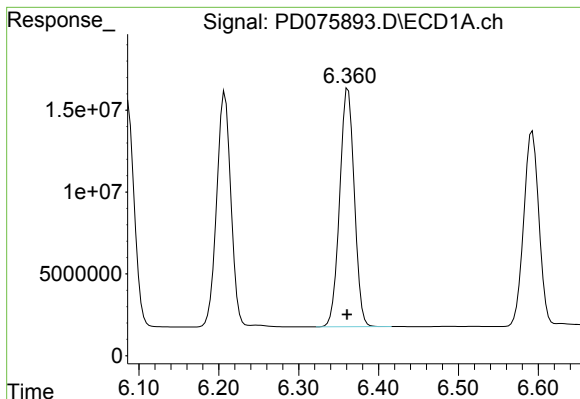
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 175944004
Conc: 61.56 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 71658190
Conc: 64.20 ng/ml



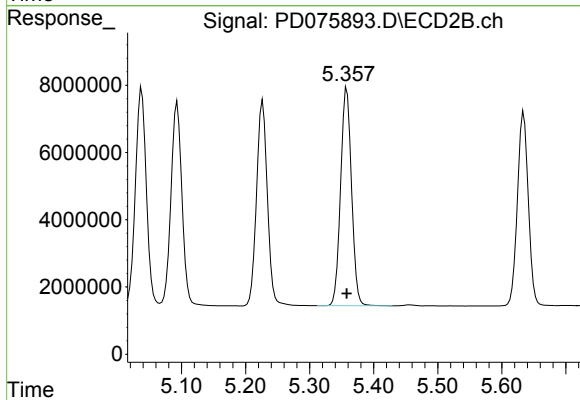
#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: 0.001 min
Response: 185260843
Conc: 59.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
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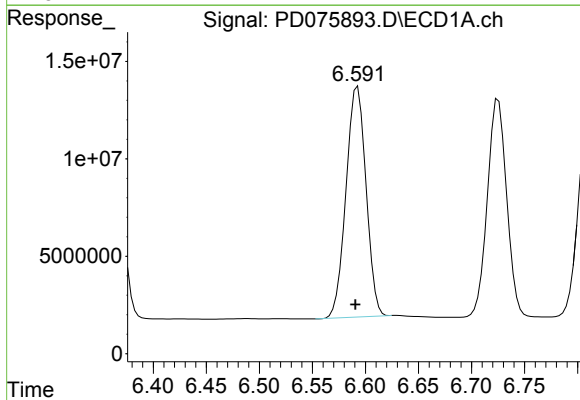
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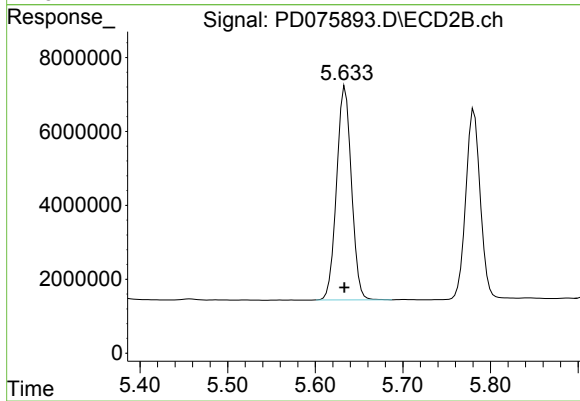
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 76628780
Conc: 56.80 ng/ml



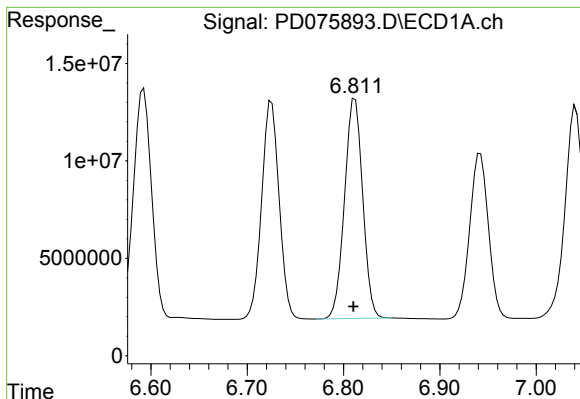
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.002 min
Response: 154860760
Conc: 57.91 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 68075105
Conc: 55.94 ng/ml



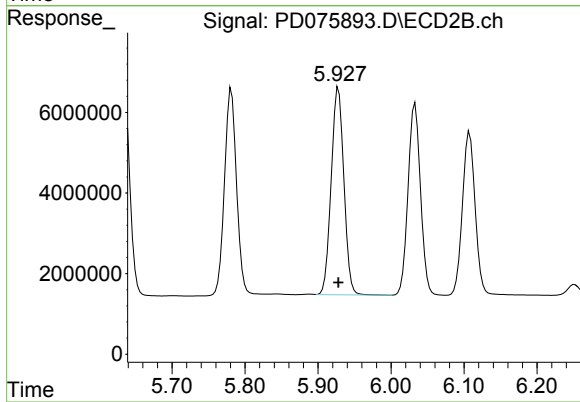
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 147254696
Conc: 57.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
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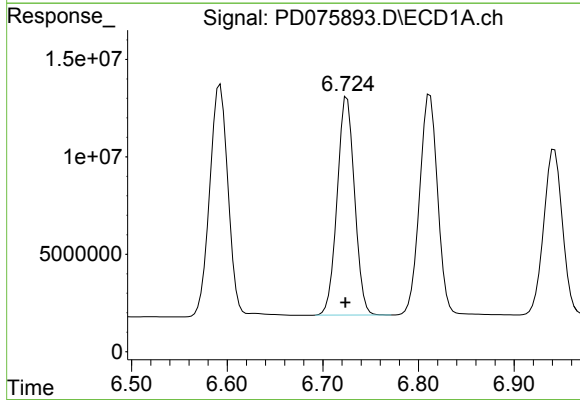
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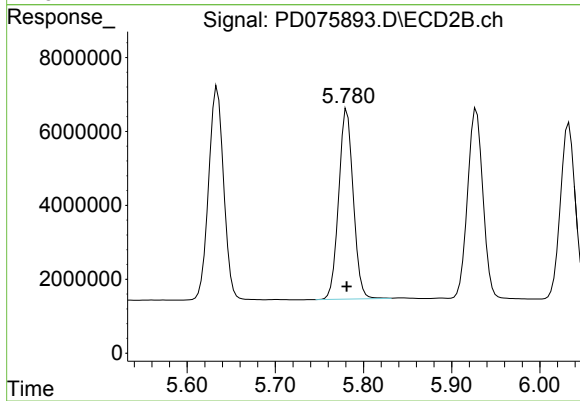
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 62221918
Conc: 57.67 ng/ml



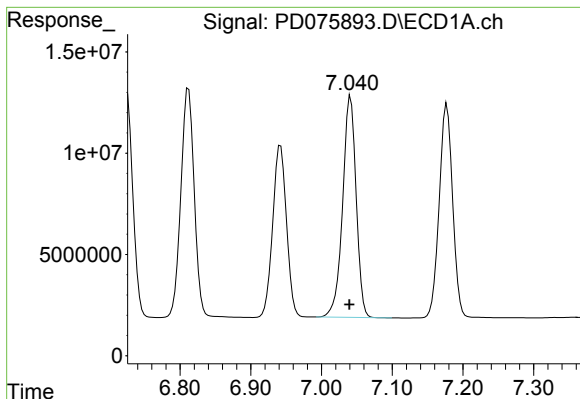
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.002 min
Response: 141713425
Conc: 62.27 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 58921268
Conc: 66.86 ng/ml



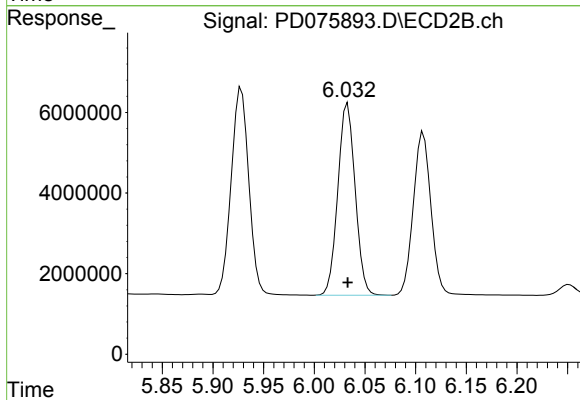
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.002 min
Response: 144855337
Conc: 63.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
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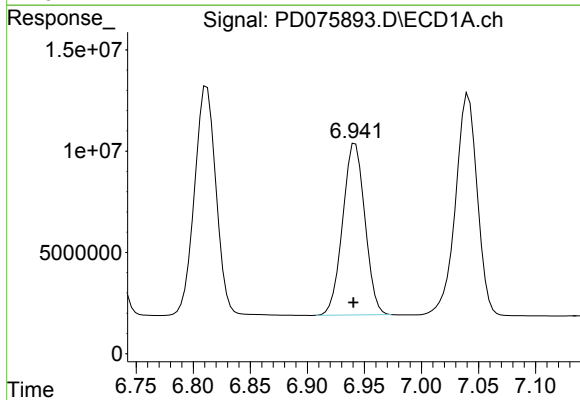
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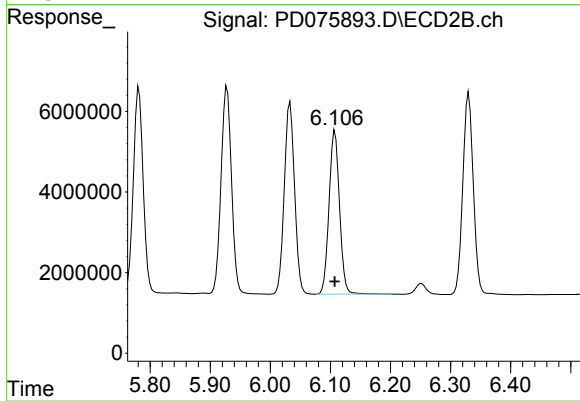
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 56570582
Conc: 69.64 ng/ml



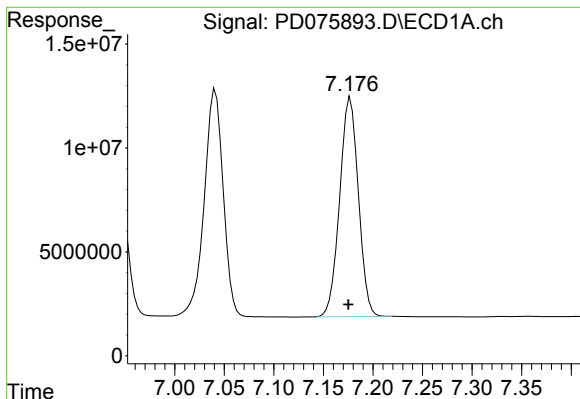
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 114822746
Conc: 57.22 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 49384342
Conc: 57.06 ng/ml



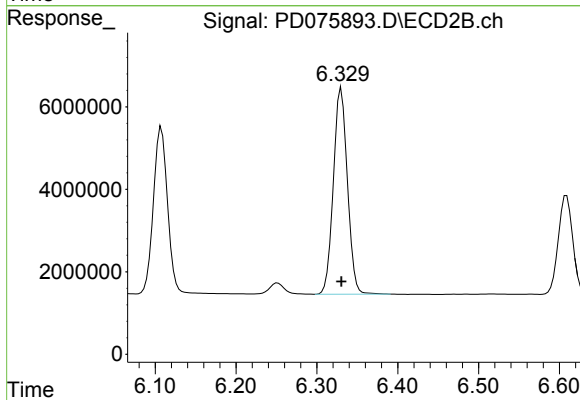
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: 0.002 min
Response: 138692904
Conc: 55.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-402-COMP-09MSD

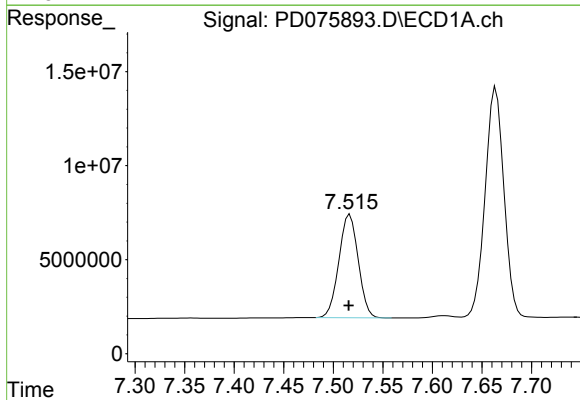
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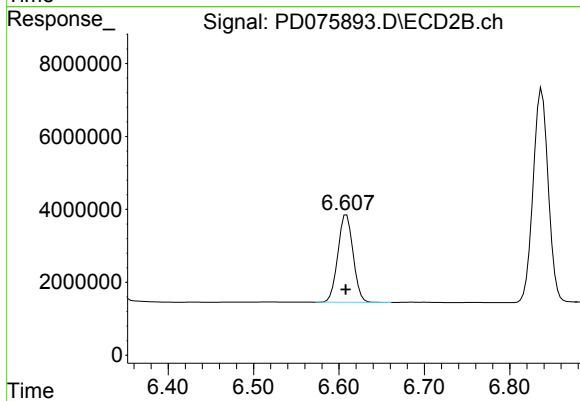
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 60383042
Conc: 55.88 ng/ml



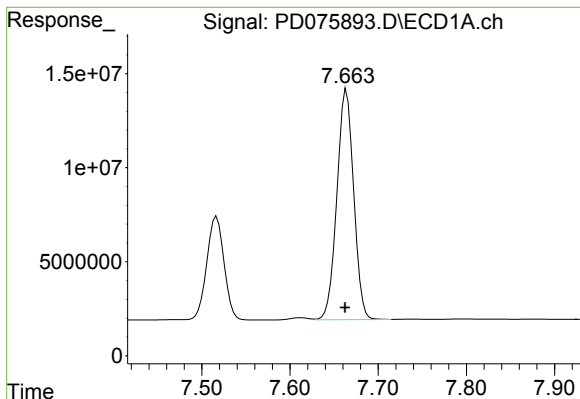
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.001 min
Response: 74494240
Conc: 57.55 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 29788176
Conc: 64.36 ng/ml



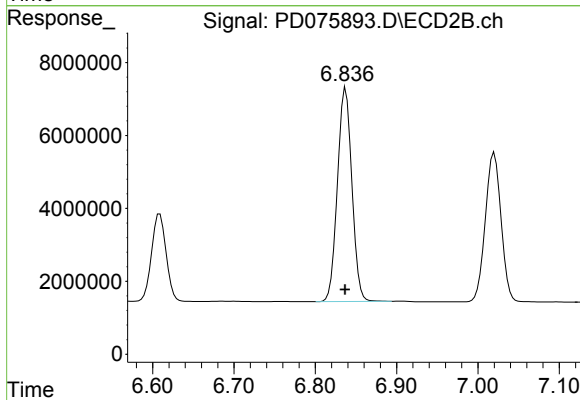
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: 0.002 min
Response: 161722600
Conc: 58.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
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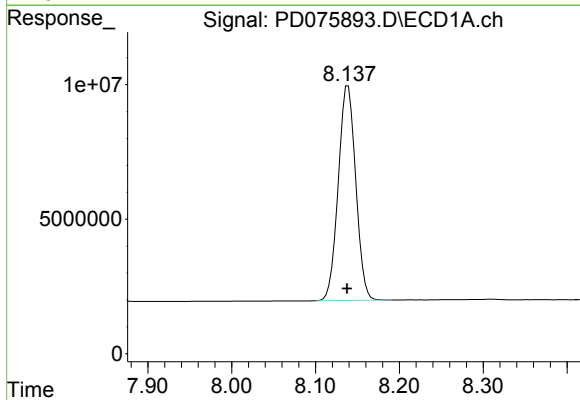
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Supervised By :Ankita Jodhani 06/20/2023



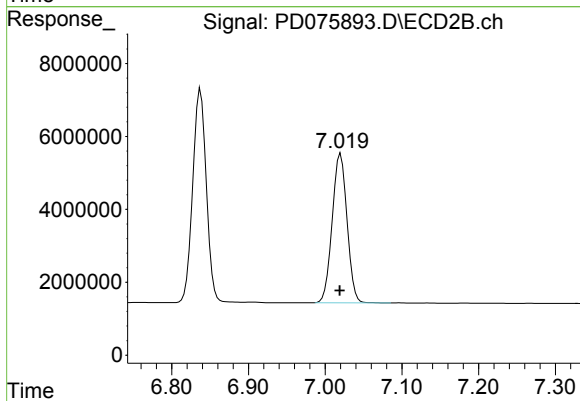
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 72336093
Conc: 59.54 ng/ml



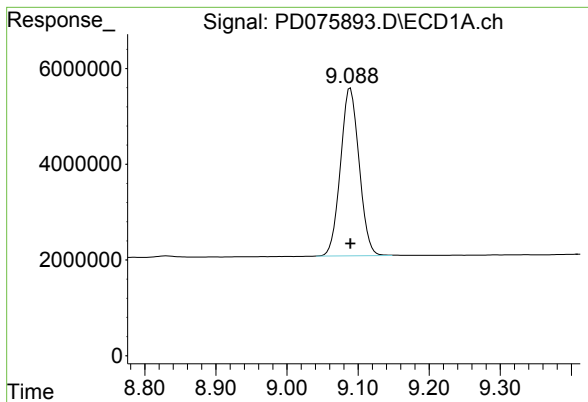
#22 Mirex

R.T.: 8.139 min
Delta R.T.: 0.000 min
Response: 115624490
Conc: 53.97 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.001 min
Response: 54819577
Conc: 52.30 ng/ml



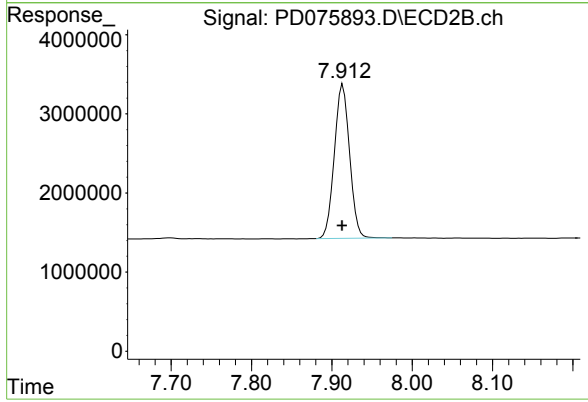
#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 63826565
Conc: 25.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-402-COMP-09MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 25699807
Conc: 26.28 ng/ml