

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075836.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 11:03
 Operator : AR\AJ
 Sample : 03221-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RT-4194MS

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 11:48:18 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	2.767	56663637	28308808	26.601m	26.093
28)	SA Decachlor...	9.089	7.914	73537185	27179922	29.027m	27.797m
Target Compounds							
2)	A alpha-BHC	4.003	3.270	207.2E6	86830400	56.118	54.277
3)	MA gamma-BHC...	4.335	3.600	195.1E6	82578886	57.988m	56.045
4)	MA Heptachlor	4.928	3.940	230.9E6	85960986	64.373	56.596
5)	MB Aldrin	5.270	4.221	241.7E6	81520266	68.980	54.668
6)	B beta-BHC	4.532	3.897	76980812	34622022	53.544m	54.317
7)	B delta-BHC	4.781	4.127	134.8E6	57534563	40.572	39.707
8)	B Heptachlo...	5.699	4.722	237.3E6	88776028	73.654	64.629m
9)	A Endosulfan I	6.087	5.094	173.7E6	65150240	57.923	50.970
10)	B gamma-Chl...	5.956	4.974	465.9E6	175.1E6	144.635	127.629
11)	B alpha-Chl...	6.037	5.038	601.6E6	198.6E6	186.098	144.796
12)	B 4,4'-DDE	6.207	5.226	170.2E6	73436115	59.546	65.793m
13)	MA Dieldrin	6.363	5.359	183.4E6	85007370	58.701	63.007
14)	MA Endrin	6.591	5.634	144.6E6	67578903	54.051m	55.530m
15)	B Endosulfa...	6.812	5.930	121.1E6	79792195	46.854	73.960m#
16)	A 4,4'-DDD	6.725	5.782	151.9E6	48488013	66.768m	55.021m
17)	MA 4,4'-DDT	7.042	6.035	164.6E6	69416880	72.536	85.458
18)	B Endrin al...	6.943	6.107	103.8E6	50440433	51.751	58.280m
19)	B Endosulfa...	7.178	6.332	128.0E6	55429189	50.801	51.294
20)	A Methoxychlor	7.517	6.611	57825447	28803883	44.674	62.232 #
21)	B Endrin ke...	7.663	6.838	148.4E6	61535657	53.281m	50.649m
22)	Mirex	8.140	7.020	110.6E6	47245099	51.598	45.072m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
Data File : PD075836.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2023 11:03
Operator : AR\AJ
Sample : 03221-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

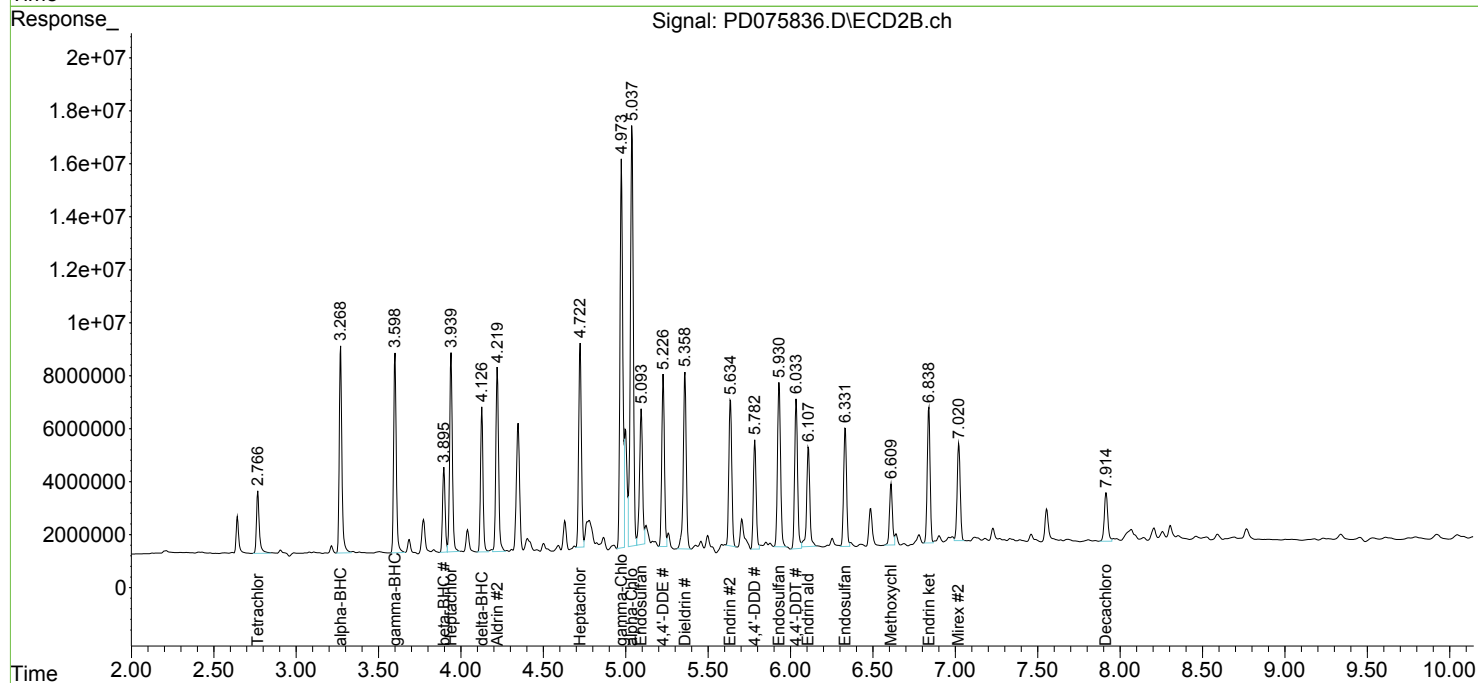
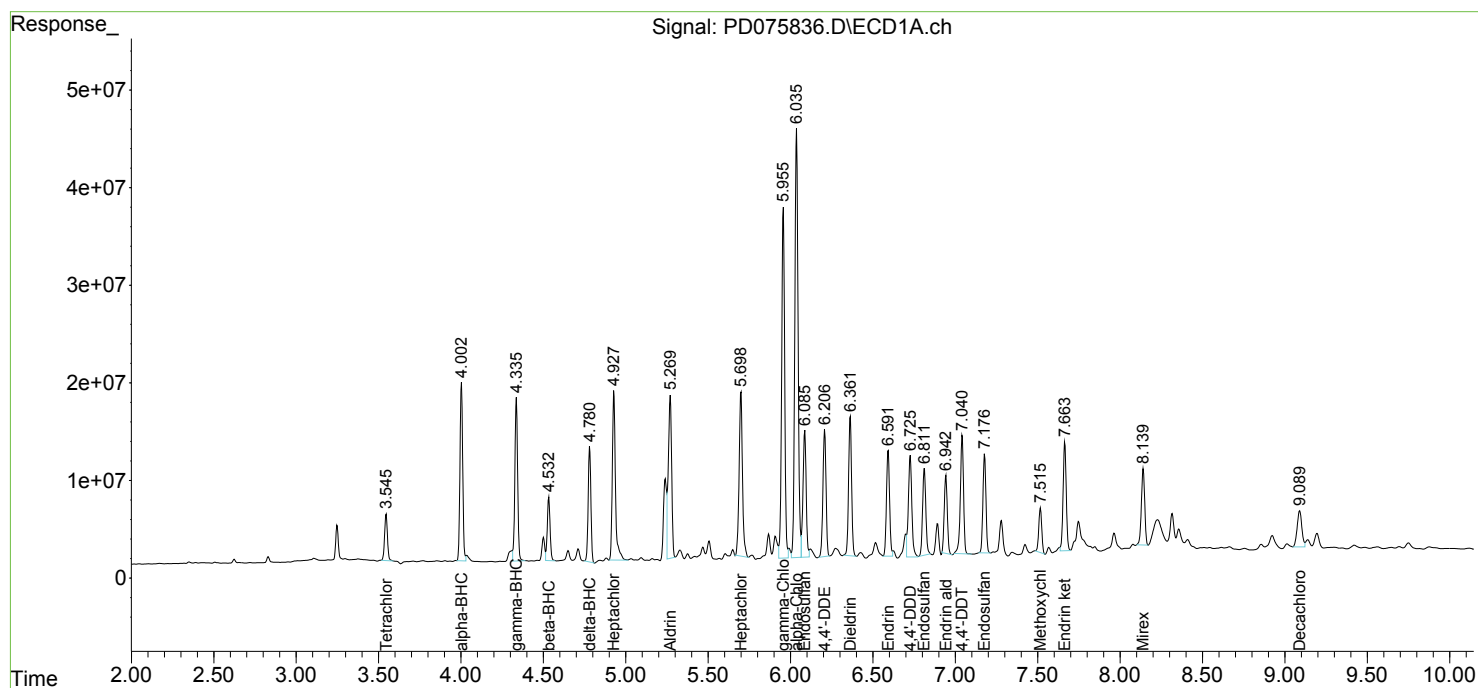
Instrument :
ECD_D
ClientSampleId :
RT-4194MS

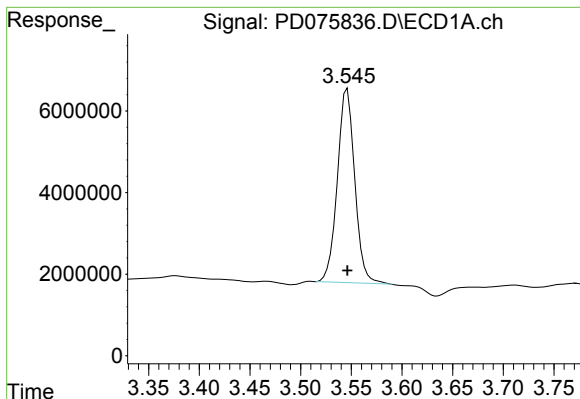
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 11:48:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
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Integrator: ChemStation

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





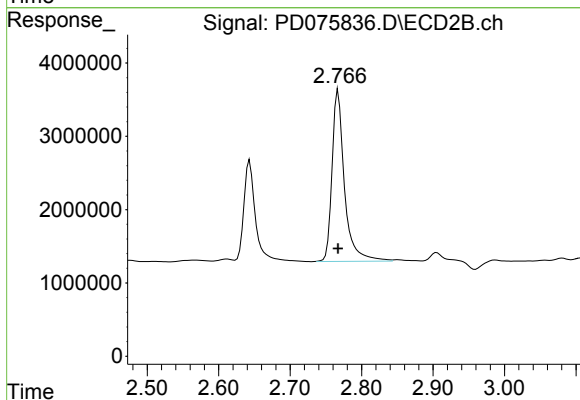
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 56663637
Conc: 26.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

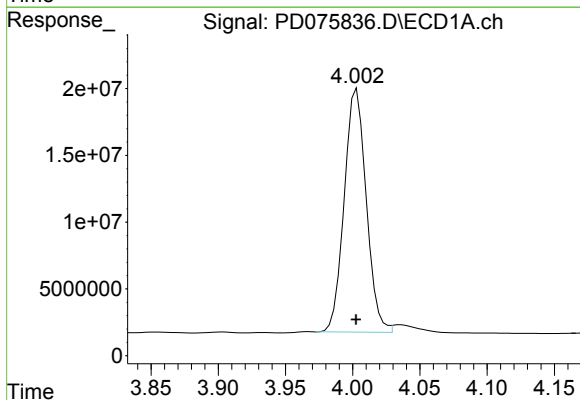
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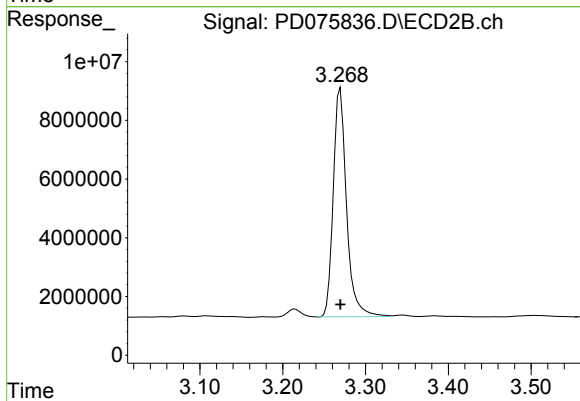
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 28308808
Conc: 26.09 ng/ml



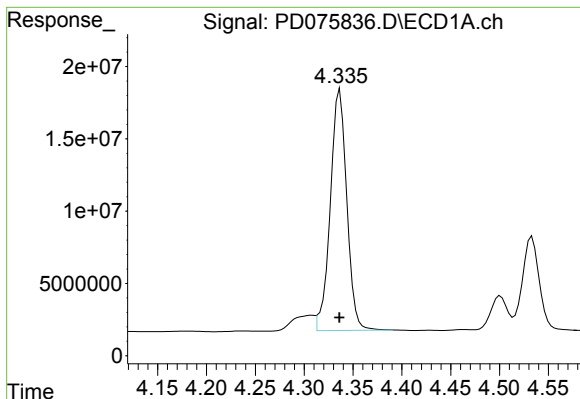
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 207193292
Conc: 56.12 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 86830400
Conc: 54.28 ng/ml



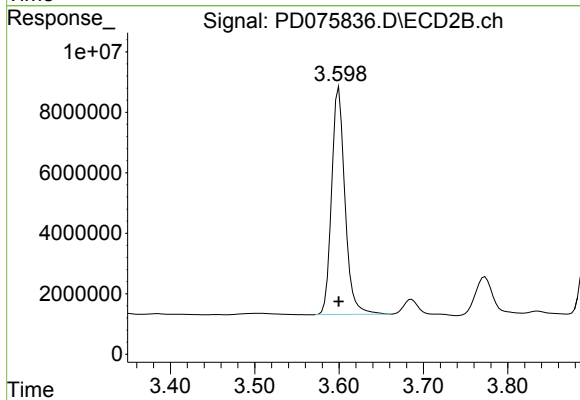
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 195123024
Conc: 57.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

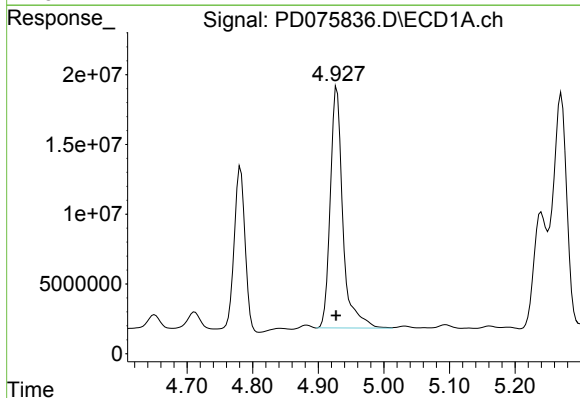
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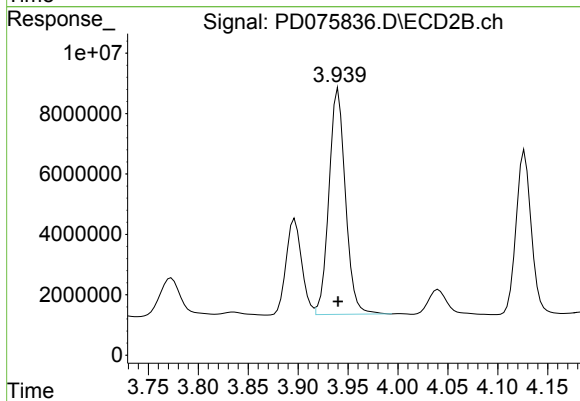
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 82578886
Conc: 56.05 ng/ml



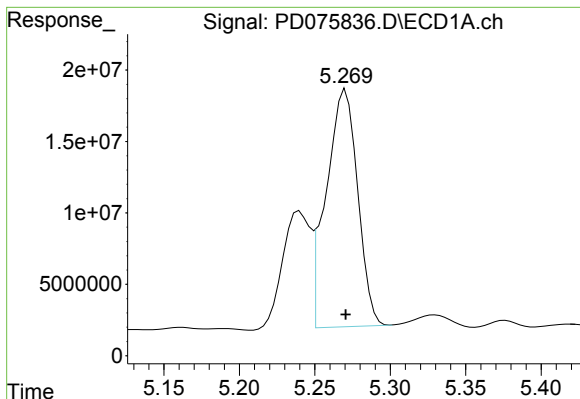
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 230881857
Conc: 64.37 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 85960986
Conc: 56.60 ng/ml



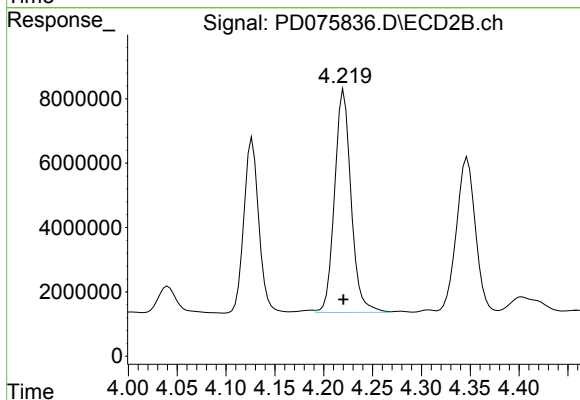
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 241719710
Conc: 68.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

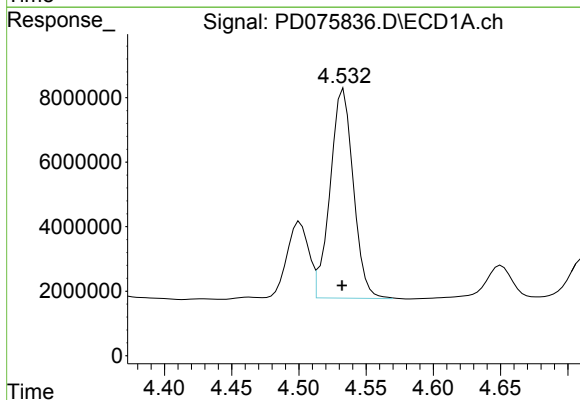
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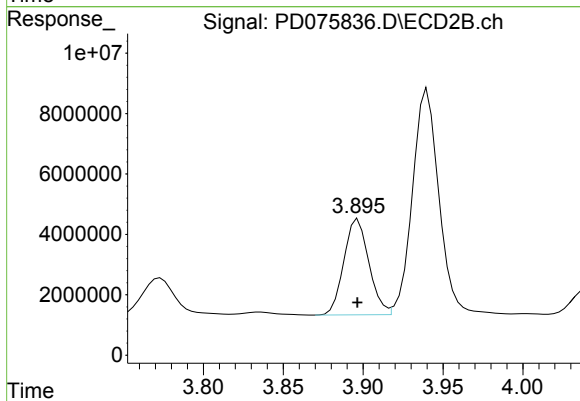
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 81520266
Conc: 54.67 ng/ml



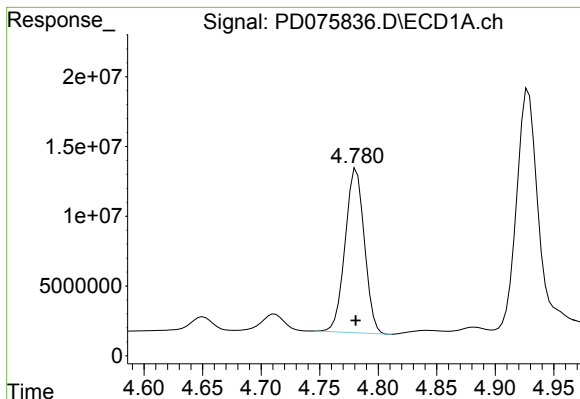
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 76980812
Conc: 53.54 ng/ml m



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 34622022
Conc: 54.32 ng/ml



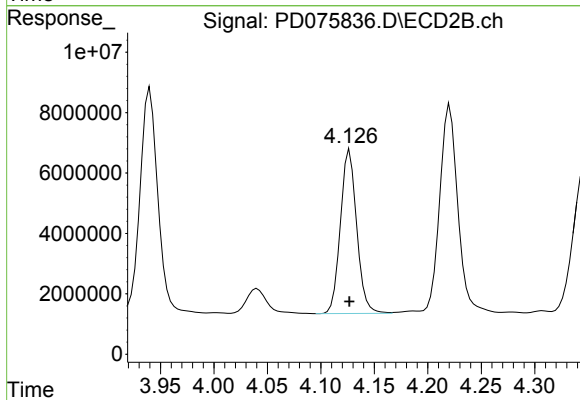
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 134847233
Conc: 40.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

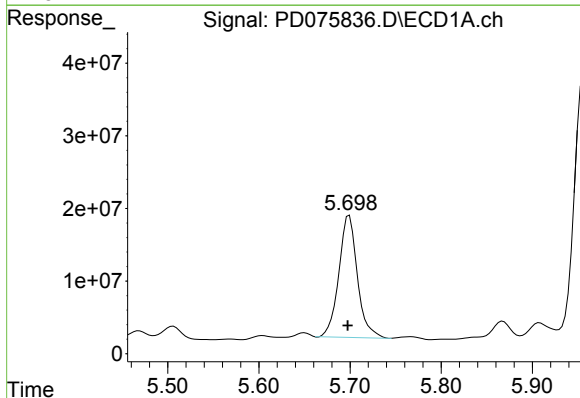
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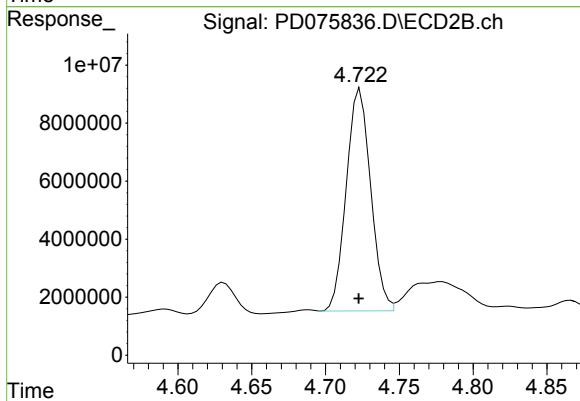
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 57534563
Conc: 39.71 ng/ml



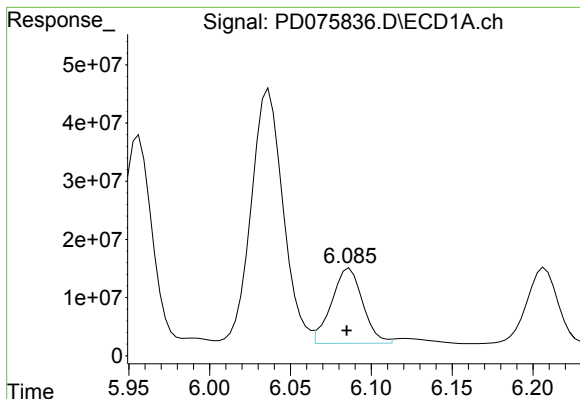
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 237333792
Conc: 73.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 88776028
Conc: 64.63 ng/ml m



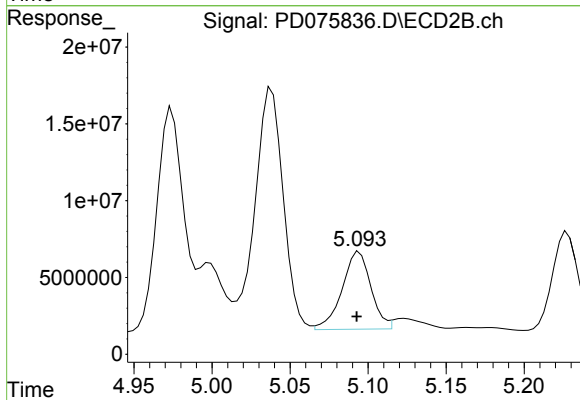
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: 0.002 min
Response: 173740475
Conc: 57.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

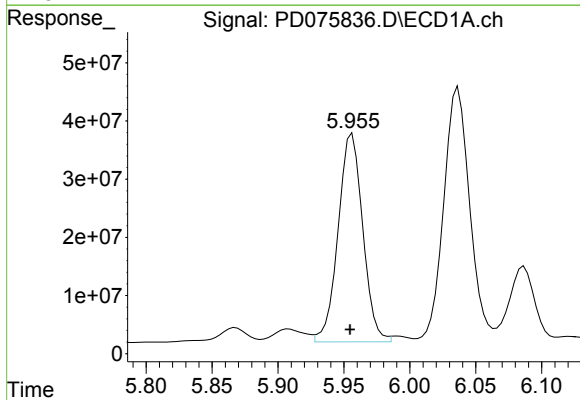
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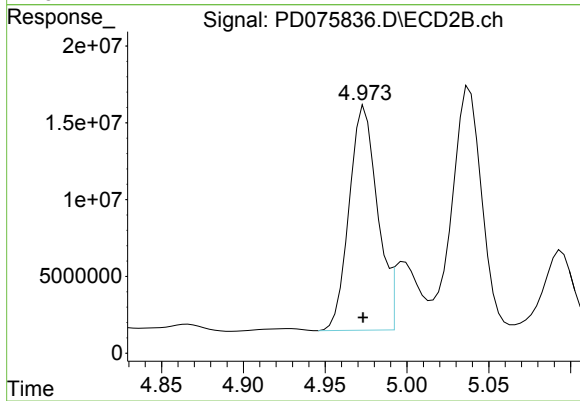
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.002 min
Response: 65150240
Conc: 50.97 ng/ml



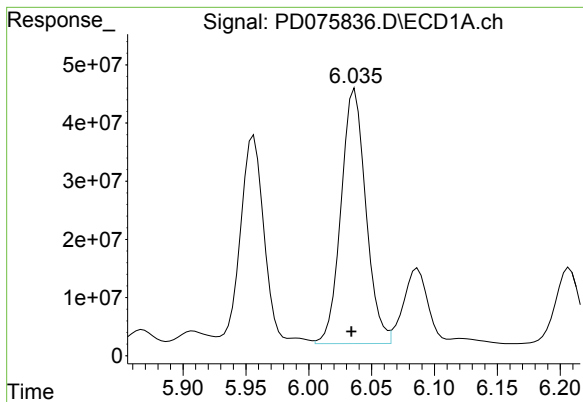
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.002 min
Response: 465915178
Conc: 144.63 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.001 min
Response: 175121858
Conc: 127.63 ng/ml



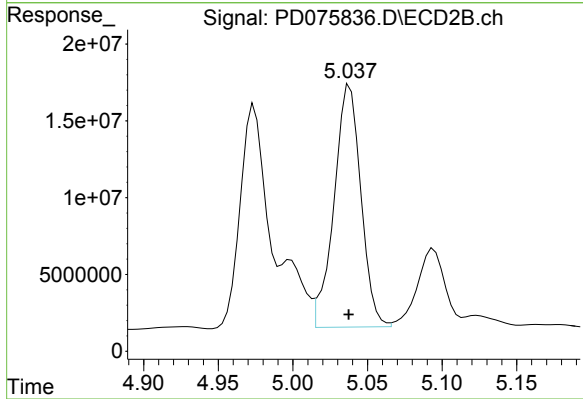
#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: 0.003 min
Response: 601633778
Conc: 186.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

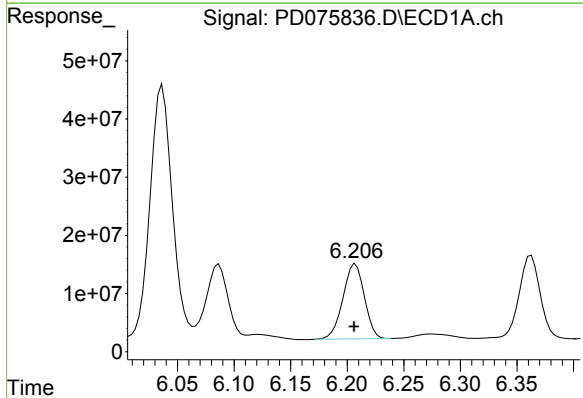
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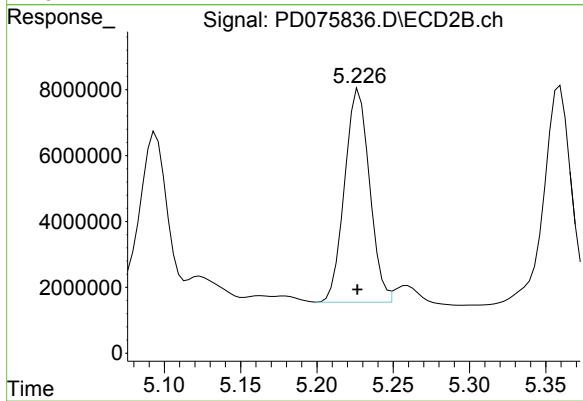
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 198627424
Conc: 144.80 ng/ml



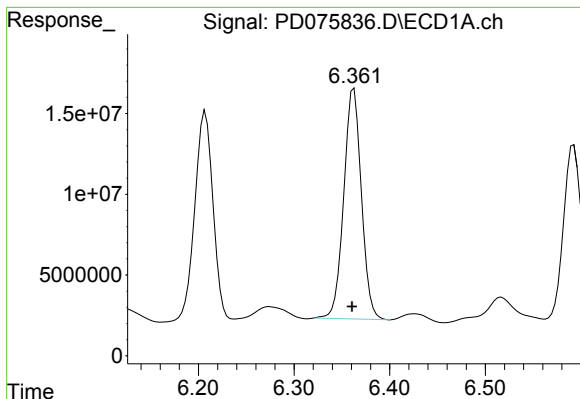
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 170190810
Conc: 59.55 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 73436115
Conc: 65.79 ng/ml m



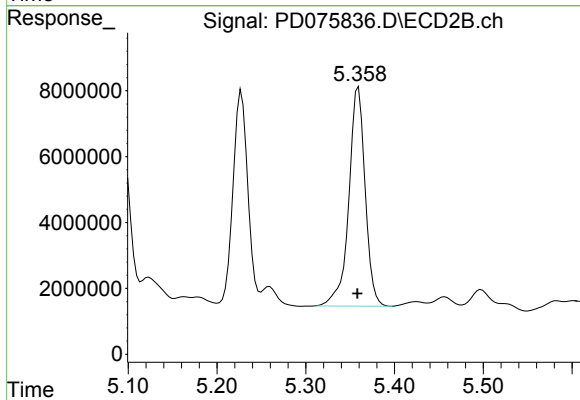
#13 Dieldrin

R.T.: 6.363 min
Delta R.T.: 0.002 min
Response: 183437505
Conc: 58.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

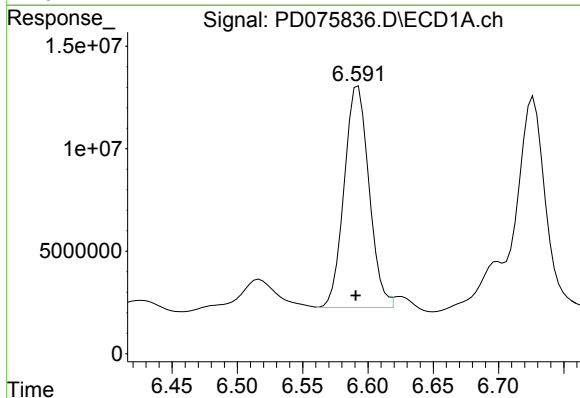
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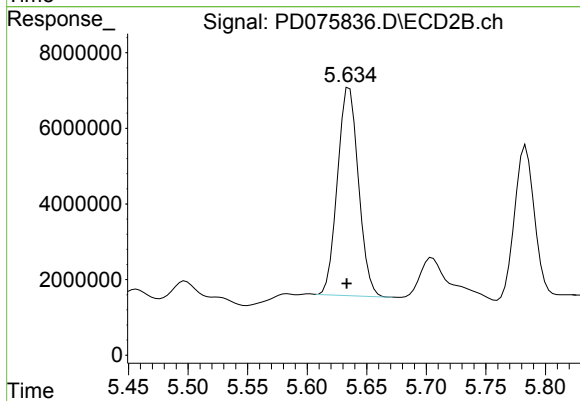
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.001 min
Response: 85007370
Conc: 63.01 ng/ml



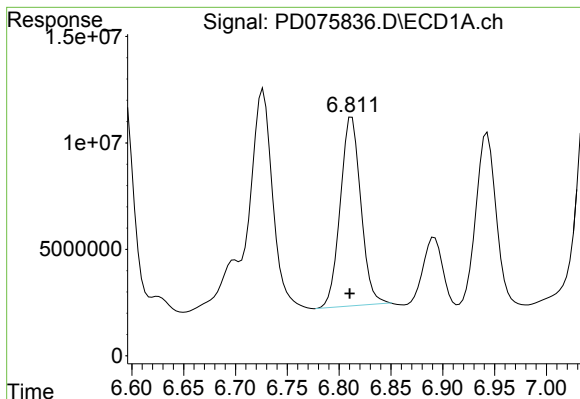
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 144551223
Conc: 54.05 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 67578903
Conc: 55.53 ng/ml m



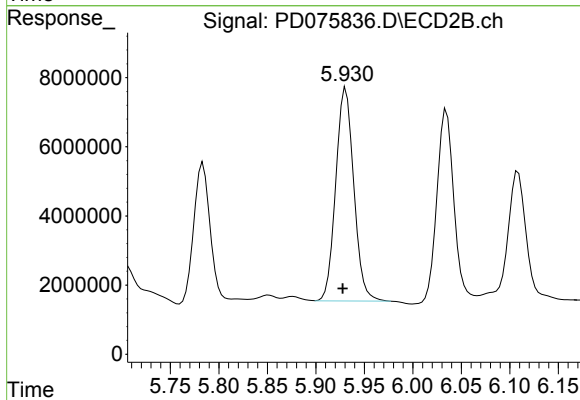
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 121053243
Conc: 46.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

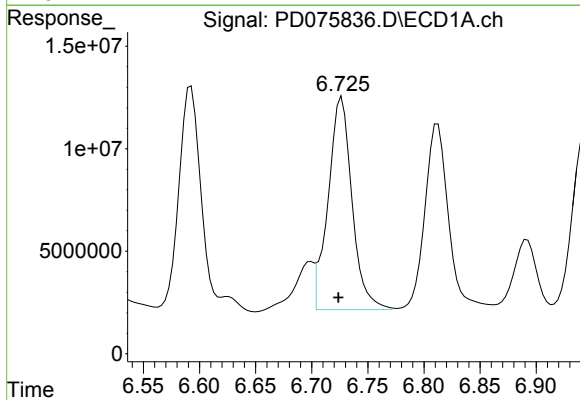
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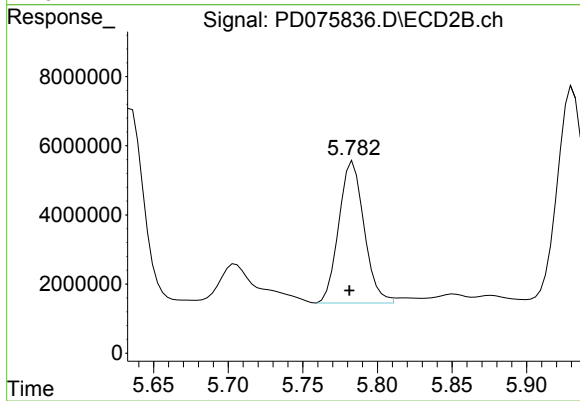
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: 0.002 min
Response: 79792195
Conc: 73.96 ng/ml m



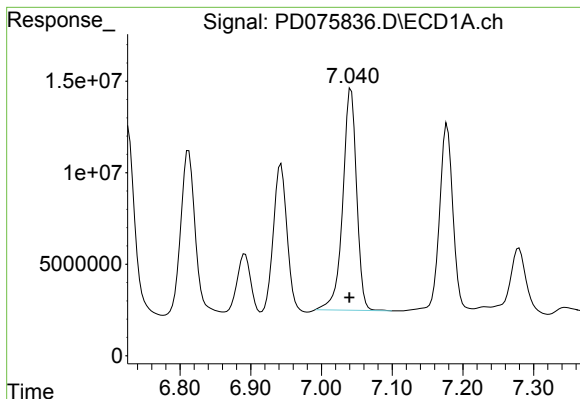
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.002 min
Response: 151940106
Conc: 66.77 ng/ml m



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.001 min
Response: 48488013
Conc: 55.02 ng/ml m



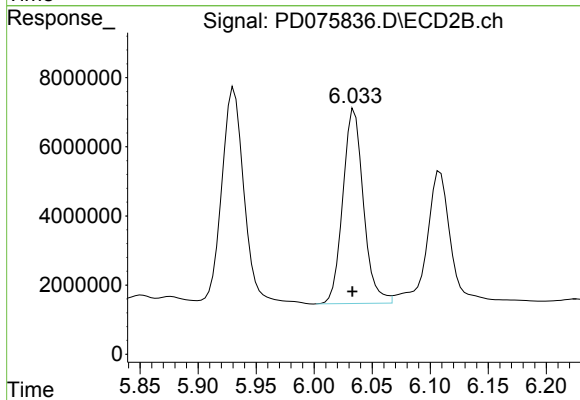
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: 0.002 min
Response: 164603269
Conc: 72.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

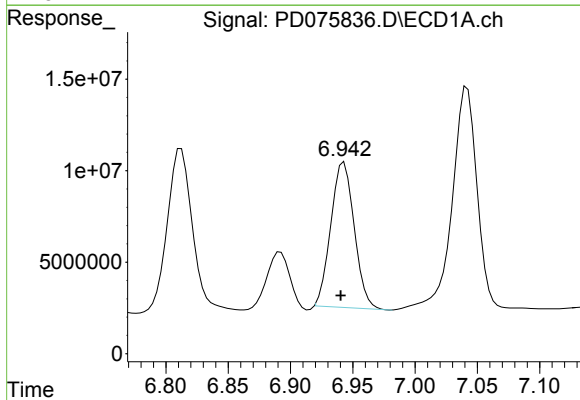
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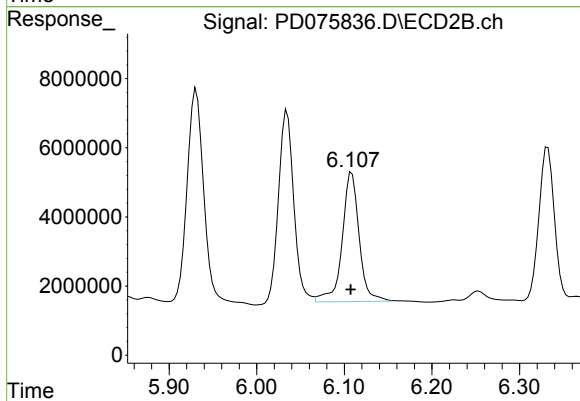
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 69416880
Conc: 85.46 ng/ml



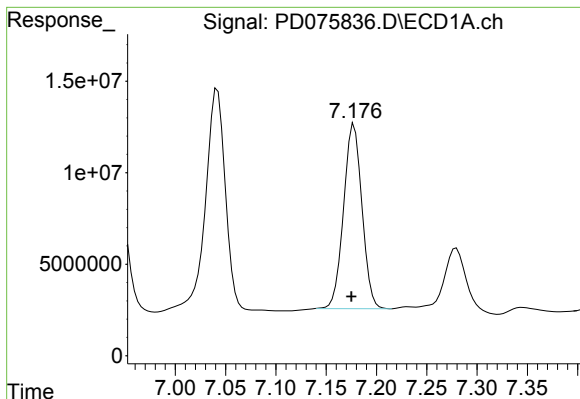
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: 0.003 min
Response: 103843800
Conc: 51.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 50440433
Conc: 58.28 ng/ml m



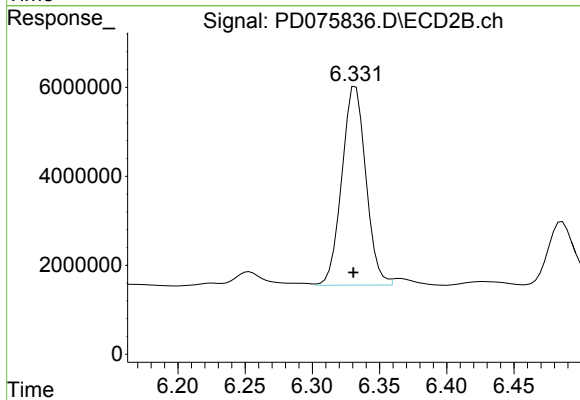
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.003 min
Response: 127986496
Conc: 50.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

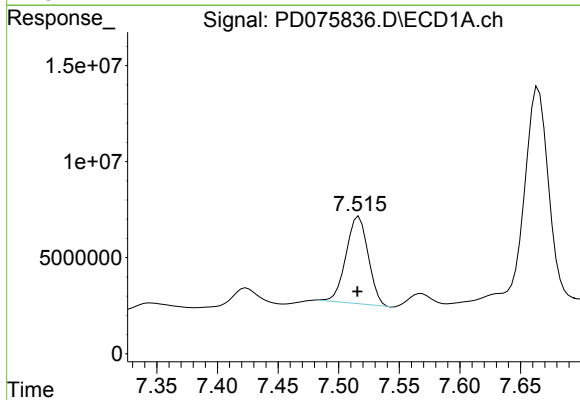
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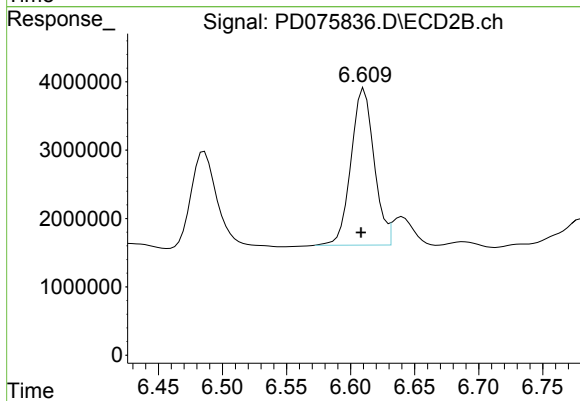
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: 0.002 min
Response: 55429189
Conc: 51.29 ng/ml



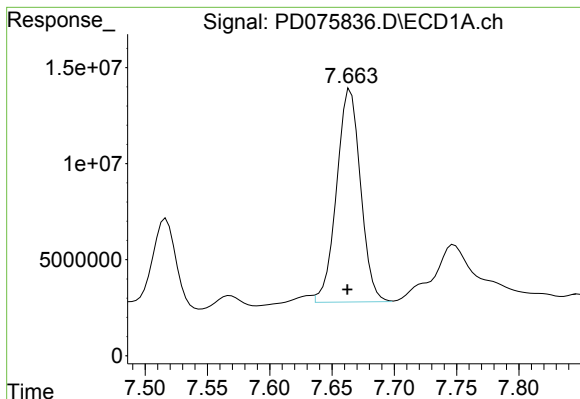
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.001 min
Response: 57825447
Conc: 44.67 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.003 min
Response: 28803883
Conc: 62.23 ng/ml



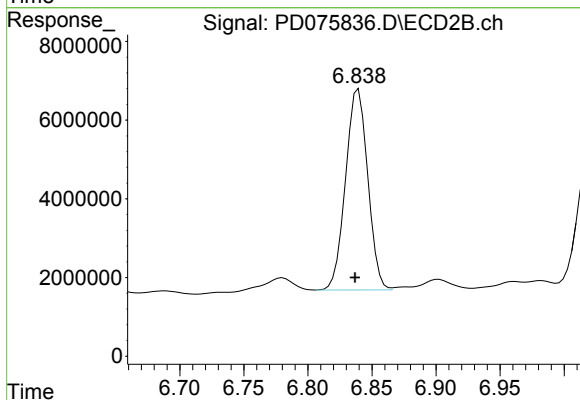
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 148438675
Conc: 53.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

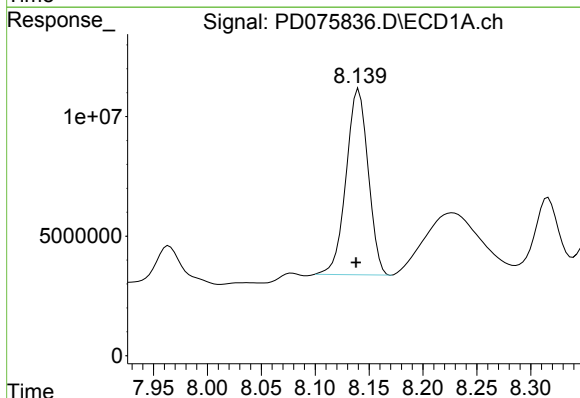
Manual Integrations
APPROVED

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



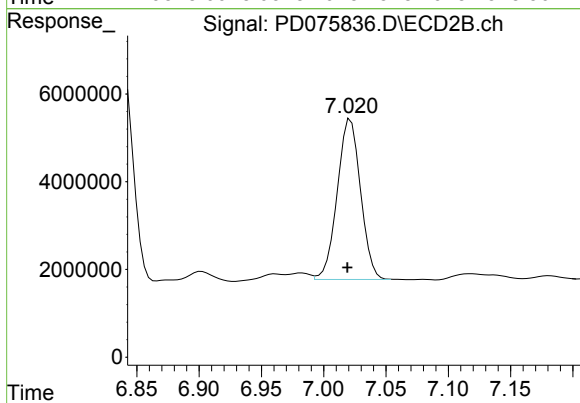
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 61535657
Conc: 50.65 ng/ml m



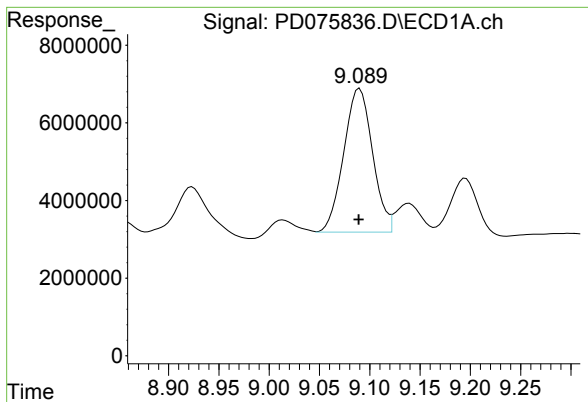
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.003 min
Response: 110550694
Conc: 51.60 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.001 min
Response: 47245099
Conc: 45.07 ng/ml m



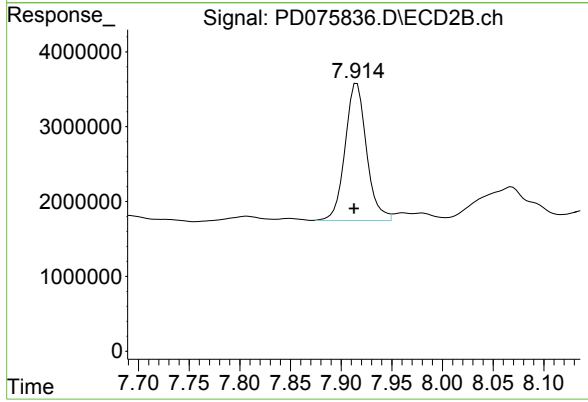
#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 73537185
Conc: 29.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-4194MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 27179922
Conc: 27.80 ng/ml m