

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040320\
 Data File : PD057711.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2020 13:31
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 00:51:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032720.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 27 14:08:11 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.232	3.896	33387688	44022896	46.762	56.113
28)	SA Decachlor...	7.879	8.906	36586599	46318142	48.053	52.662
Target Compounds							
2)	A alpha-BHC	3.656	4.280	53876096	68494699	49.101	57.478
3)	MA gamma-BHC...	3.928	4.560	50611699	64883227	47.008	56.199m
4)	MA Heptachlor	4.209	5.063	42371600	63993500	53.767	56.843
5)	MB Aldrin	4.445	5.364	45577037	60731543	46.464	55.293
6)	B beta-BHC	4.176	4.731	21075613	28072536	49.671m	55.667
7)	B delta-BHC	4.370	4.944	49751946	57634267	48.089	64.993 #
8)	B Heptachlo...	4.879	5.747	41704579	54407583	49.193	54.286
9)	A Endosulfan I	5.207	6.101	39378264	54915079	47.433	52.720
10)	B gamma-Chl...	5.100	5.980	43101575	59589938	46.932	54.644m
11)	B alpha-Chl...	5.156	6.052	42834539	59501655	46.755	53.697
12)	B 4,4'-DDE	5.325	6.211	41195350	55641697	46.906m	54.163
13)	MA Dieldrin	5.445	6.355	41450736	58252369	53.104	55.204m
14)	MA Endrin	5.697	6.573	34593066	47308701	47.598	51.742
15)	B Endosulfa...	5.970	6.781	37728427	51133872	48.815	50.570
16)	A 4,4'-DDD	5.834	6.699	32772977	47966703	57.441	54.381
17)	MA 4,4'-DDT	6.067	6.996	30912360	45838359	53.054	52.392
18)	B Endrin al...	6.138	6.905	32223506	43930160	52.034	52.971
19)	B Endosulfa...	6.348	7.128	35424562	48237273	50.281	53.476
20)	A Methoxychlor	6.616	7.456	15292543	25888469	60.847	52.813
21)	B Endrin ke...	6.830	7.595	44873056	55831015	54.901	54.866
22)	Mirex	7.000	8.047	32887327	39036561	47.078	51.503

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040320\
Data File : PD057711.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2020 13:31
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

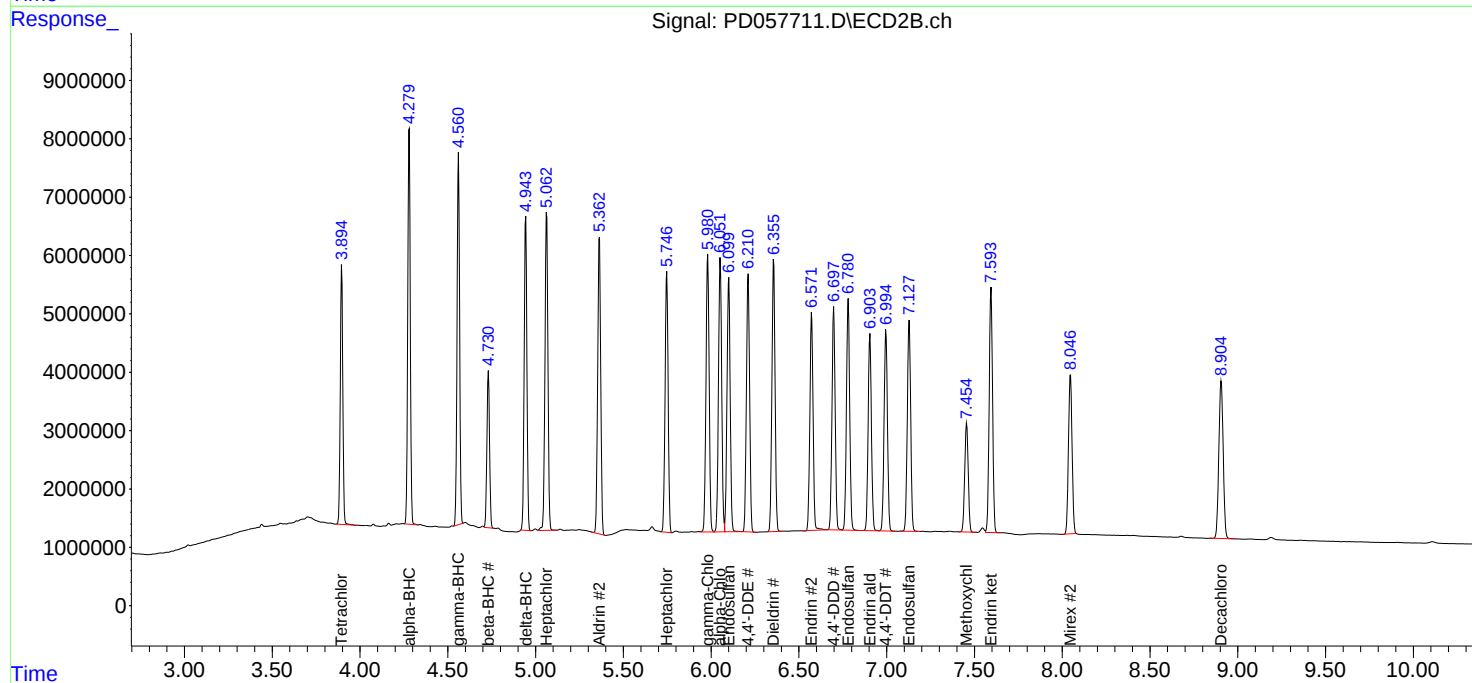
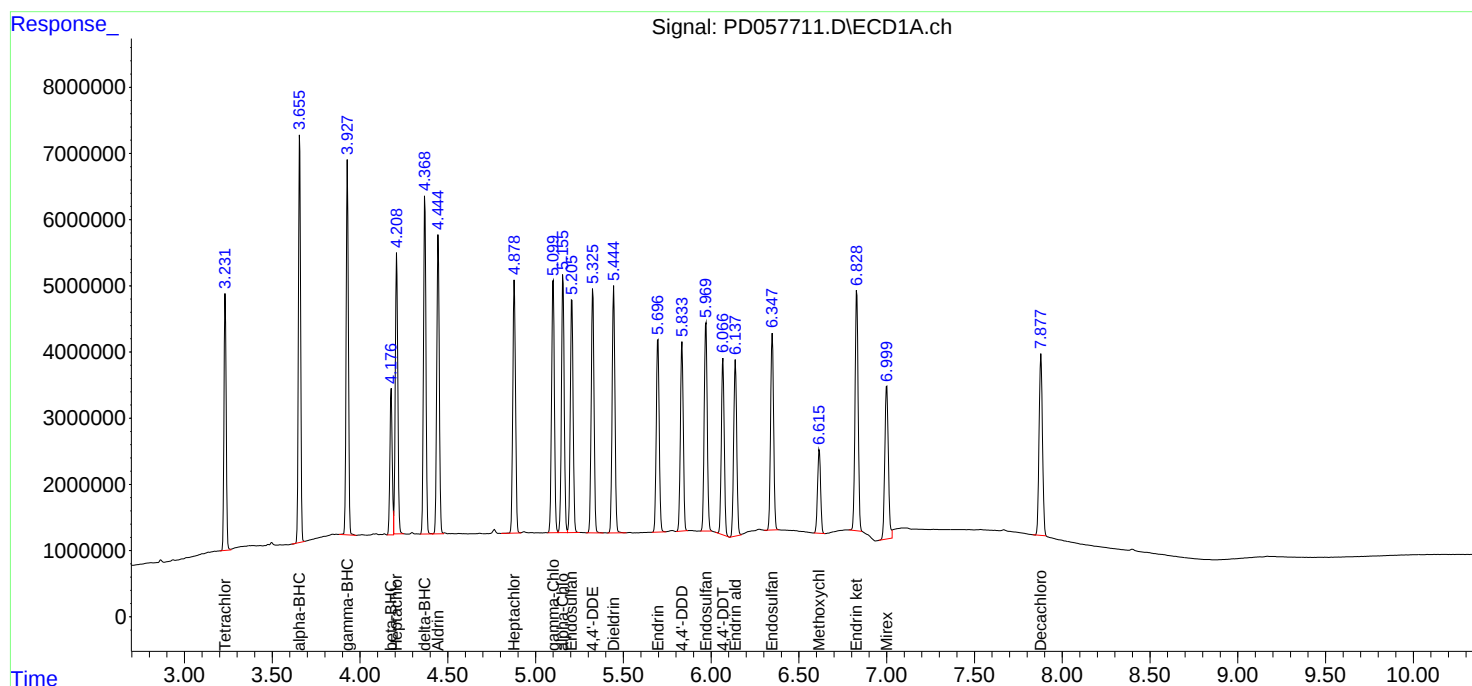
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

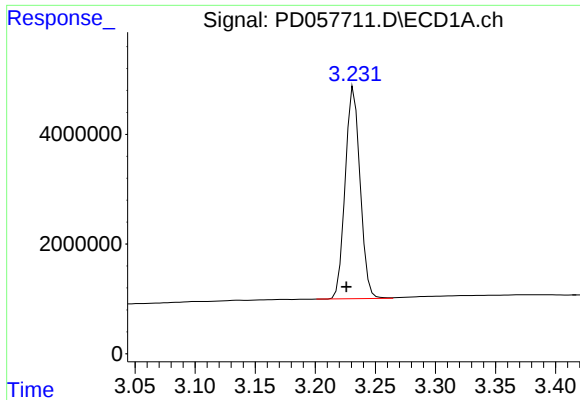
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 00:51:36 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032720.M
Quant Title : GC Extractables
QLast Update : Fri Mar 27 14:08:11 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





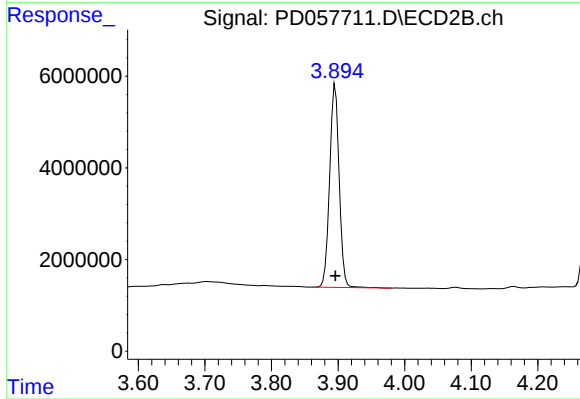
#1 Tetrachloro-m-xylene

R.T.: 3.232 min
Delta R.T.: 0.006 min
Response: 33387688
Conc: 46.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

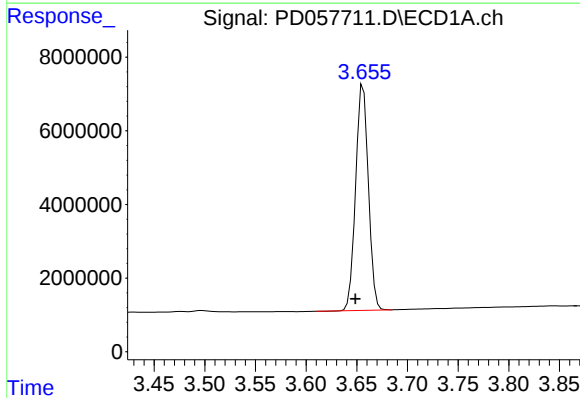
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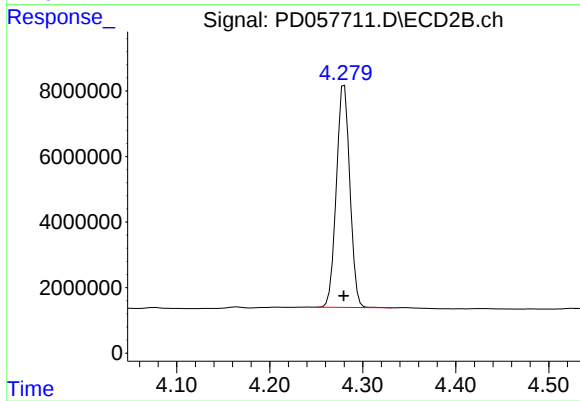
#1 Tetrachloro-m-xylene

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 44022896
Conc: 56.11 ng/ml



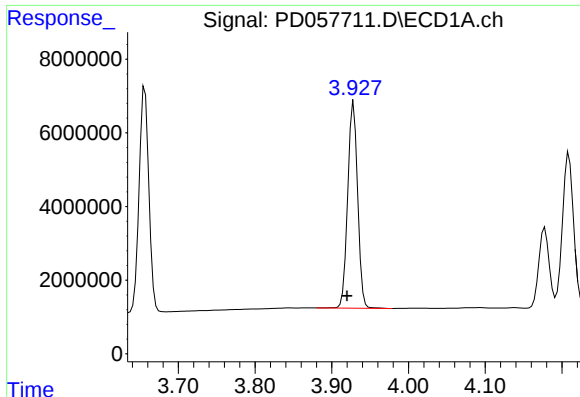
#2 alpha-BHC

R.T.: 3.656 min
Delta R.T.: 0.008 min
Response: 53876096
Conc: 49.10 ng/ml



#2 alpha-BHC

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 68494699
Conc: 57.48 ng/ml



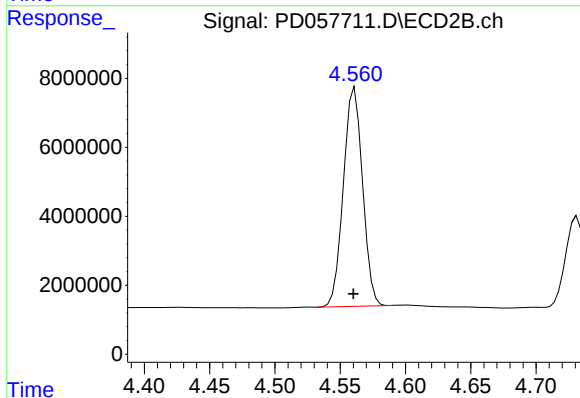
#3 gamma-BHC (Lindane)

R.T.: 3.928 min
Delta R.T.: 0.008 min
Response: 50611699
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

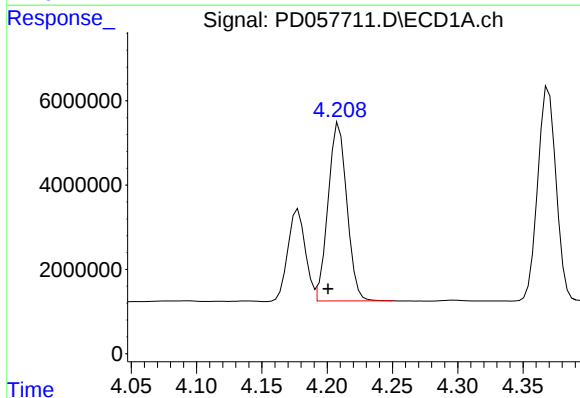
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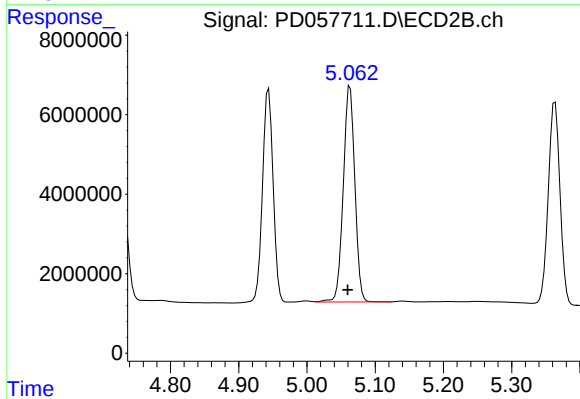
#3 gamma-BHC (Lindane)

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 64883227
Conc: 56.20 ng/ml m



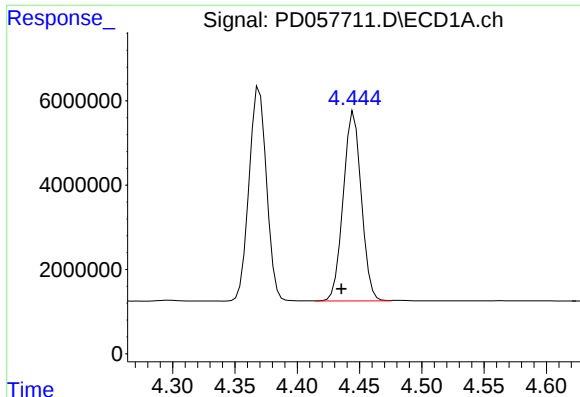
#4 Heptachlor

R.T.: 4.209 min
Delta R.T.: 0.008 min
Response: 42371600
Conc: 53.77 ng/ml



#4 Heptachlor

R.T.: 5.063 min
Delta R.T.: 0.003 min
Response: 63993500
Conc: 56.84 ng/ml



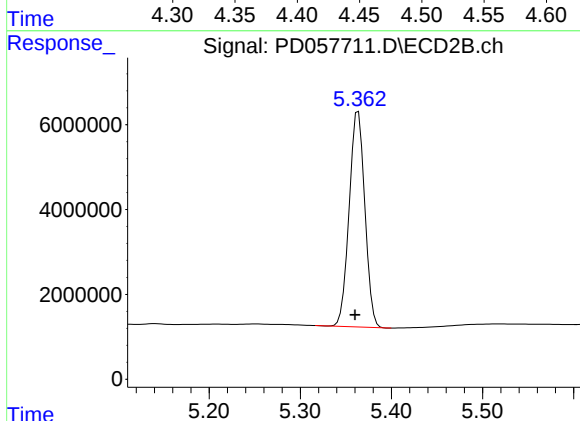
#5 Aldrin

R.T.: 4.445 min
Delta R.T.: 0.010 min
Response: 45577037
Conc: 46.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

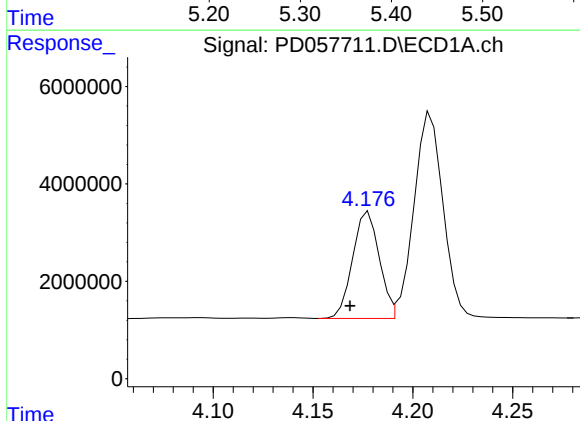
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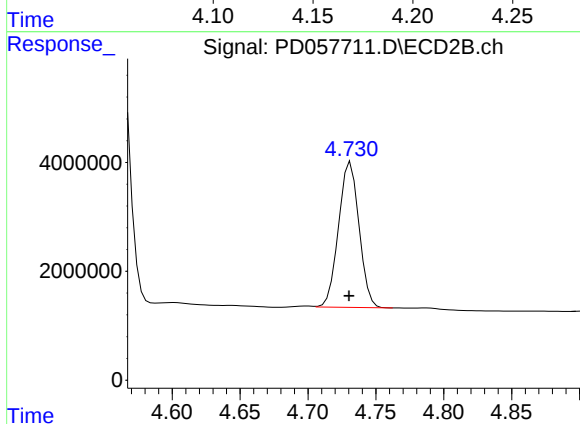
#5 Aldrin

R.T.: 5.364 min
Delta R.T.: 0.003 min
Response: 60731543
Conc: 55.29 ng/ml



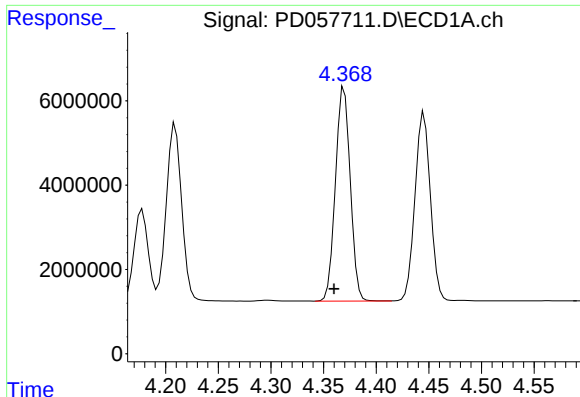
#6 beta-BHC

R.T.: 4.176 min
Delta R.T.: 0.008 min
Response: 21075613
Conc: 49.67 ng/ml m



#6 beta-BHC

R.T.: 4.731 min
Delta R.T.: 0.001 min
Response: 28072536
Conc: 55.67 ng/ml



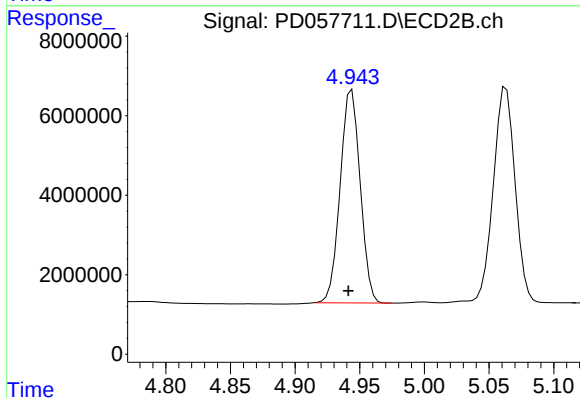
#7 delta-BHC

R.T.: 4.370 min
Delta R.T.: 0.010 min
Response: 49751946
Conc: 48.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

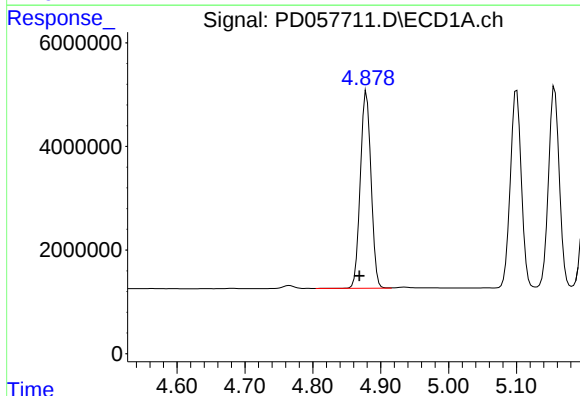
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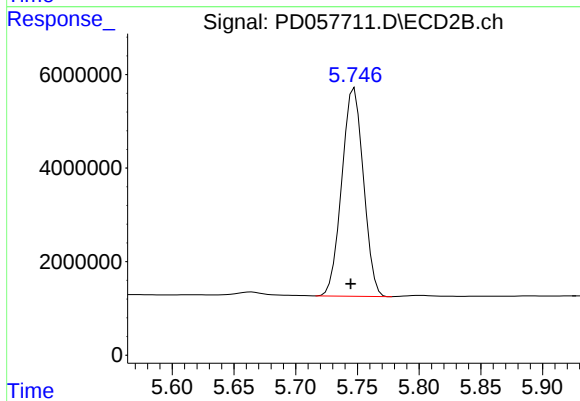
#7 delta-BHC

R.T.: 4.944 min
Delta R.T.: 0.003 min
Response: 57634267
Conc: 64.99 ng/ml



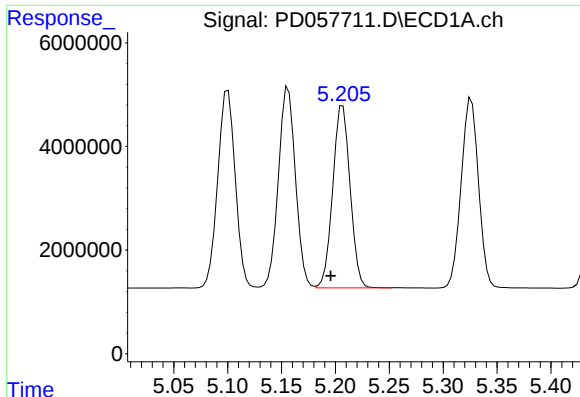
#8 Heptachlor epoxide

R.T.: 4.879 min
Delta R.T.: 0.011 min
Response: 41704579
Conc: 49.19 ng/ml



#8 Heptachlor epoxide

R.T.: 5.747 min
Delta R.T.: 0.003 min
Response: 54407583
Conc: 54.29 ng/ml



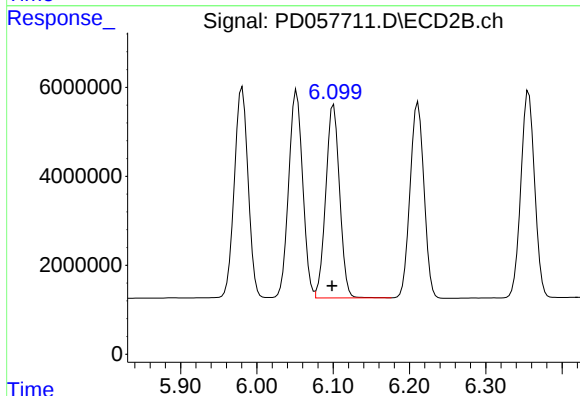
#9 Endosulfan I

R.T.: 5.207 min
Delta R.T.: 0.011 min
Response: 39378264
Conc: 47.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

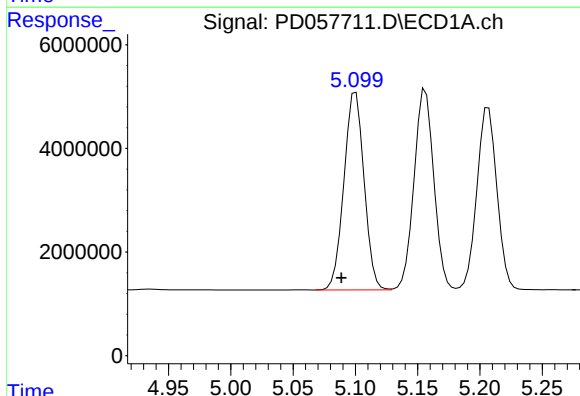
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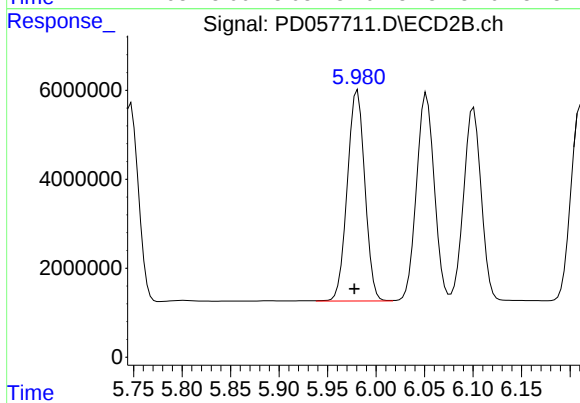
#9 Endosulfan I

R.T.: 6.101 min
Delta R.T.: 0.002 min
Response: 54915079
Conc: 52.72 ng/ml



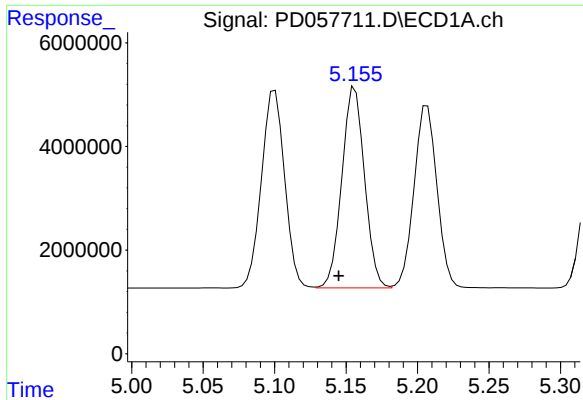
#10 gamma-Chlordane

R.T.: 5.100 min
Delta R.T.: 0.012 min
Response: 43101575
Conc: 46.93 ng/ml



#10 gamma-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 59589938
Conc: 54.64 ng/ml m



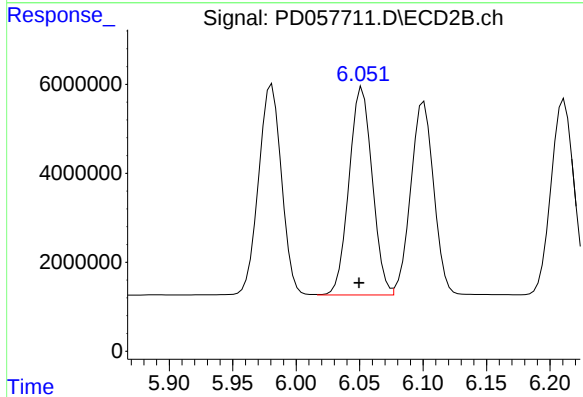
#11 alpha-Chlordane

R.T.: 5.156 min
Delta R.T.: 0.011 min
Response: 42834539
Conc: 46.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

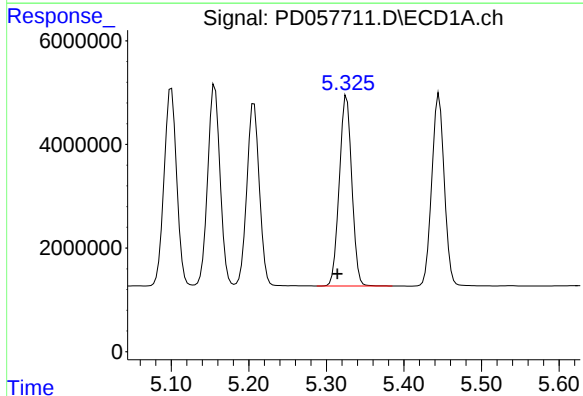
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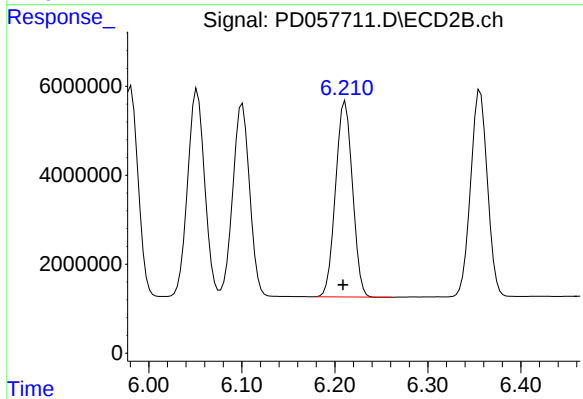
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: 0.002 min
Response: 59501655
Conc: 53.70 ng/ml



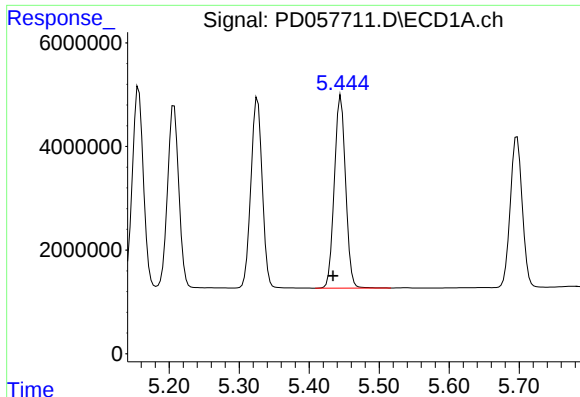
#12 4,4'-DDE

R.T.: 5.325 min
Delta R.T.: 0.010 min
Response: 41195350
Conc: 46.91 ng/ml m



#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: 0.002 min
Response: 55641697
Conc: 54.16 ng/ml



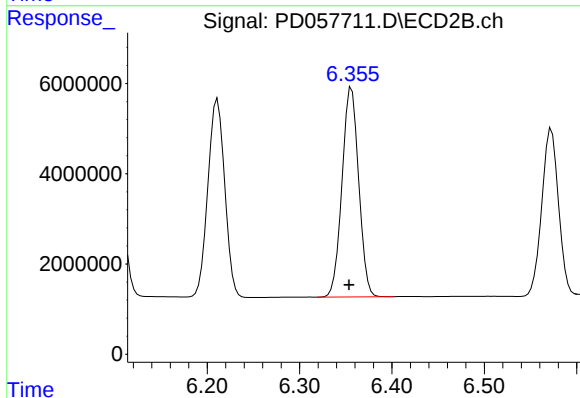
#13 Dieldrin

R.T.: 5.445 min
Delta R.T.: 0.011 min
Response: 41450736
Conc: 53.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

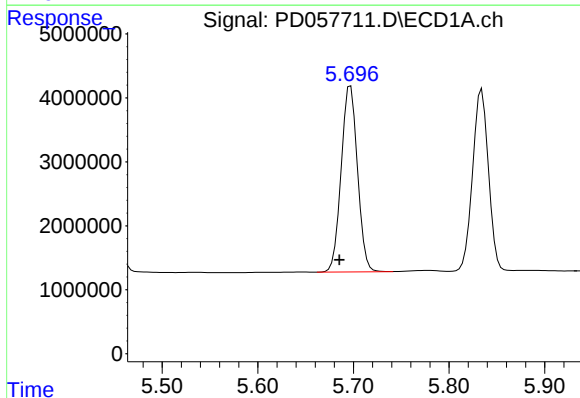
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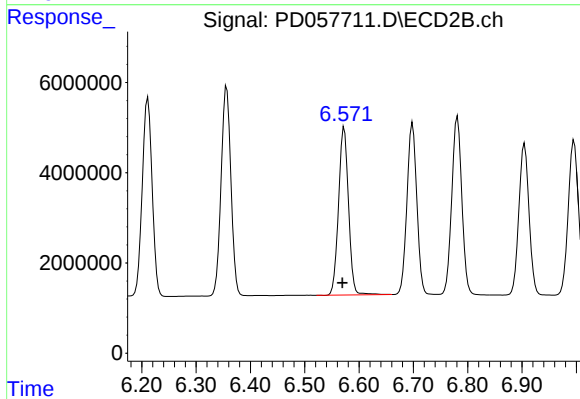
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.001 min
Response: 58252369
Conc: 55.20 ng/ml m



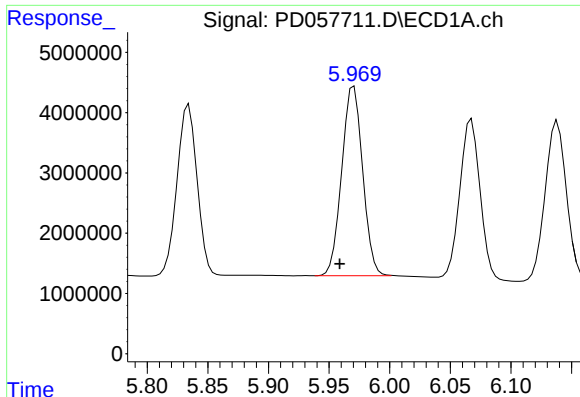
#14 Endrin

R.T.: 5.697 min
Delta R.T.: 0.012 min
Response: 34593066
Conc: 47.60 ng/ml



#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.003 min
Response: 47308701
Conc: 51.74 ng/ml



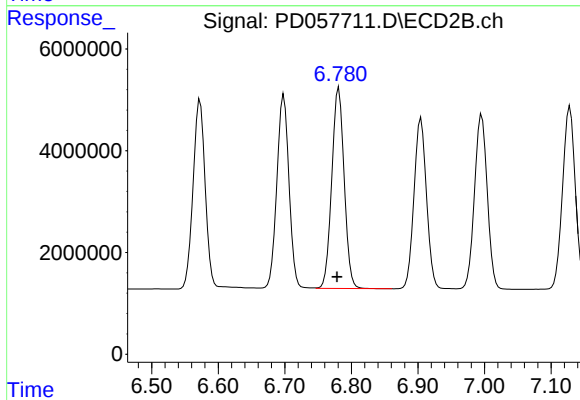
#15 Endosulfan II

R.T.: 5.970 min
Delta R.T.: 0.012 min
Response: 37728427
Conc: 48.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

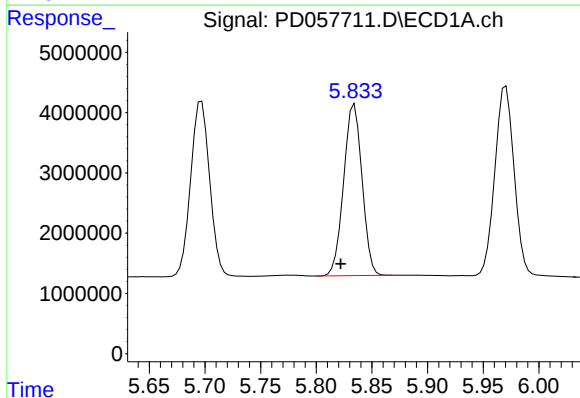
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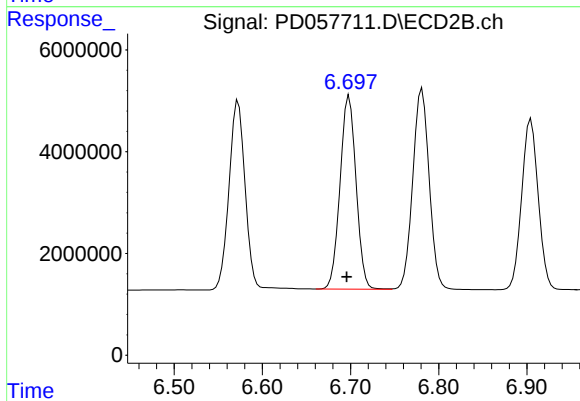
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.003 min
Response: 51133872
Conc: 50.57 ng/ml



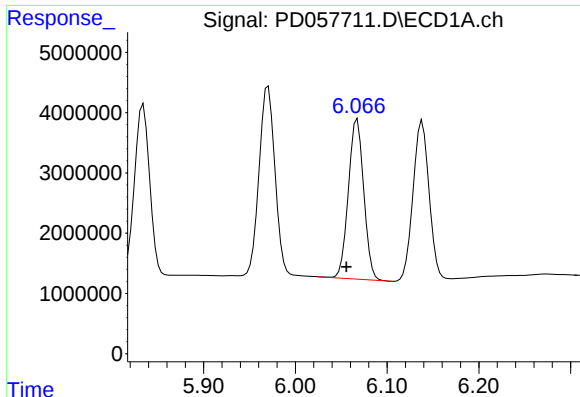
#16 4,4'-DDD

R.T.: 5.834 min
Delta R.T.: 0.012 min
Response: 32772977
Conc: 57.44 ng/ml



#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.003 min
Response: 47966703
Conc: 54.38 ng/ml



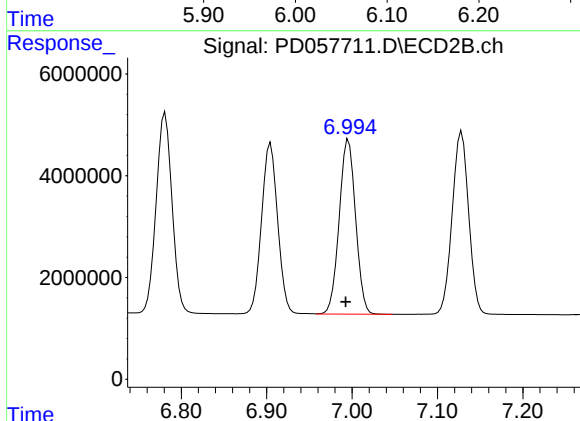
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.012 min
Response: 30912360
Conc: 53.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

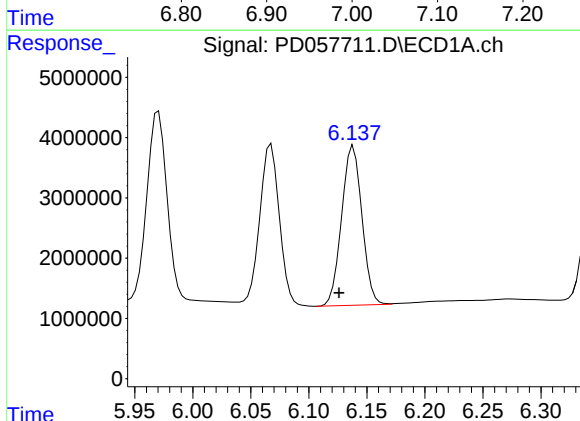
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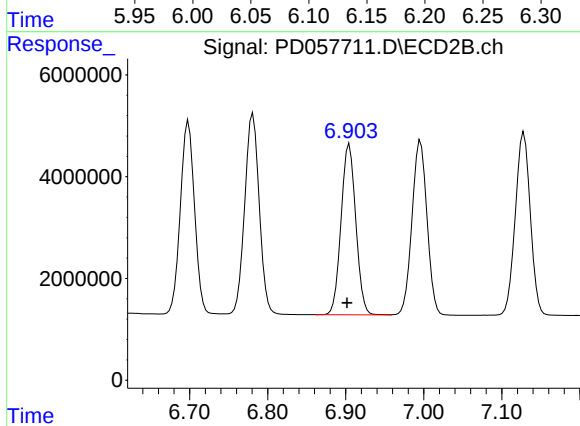
#17 4,4'-DDT

R.T.: 6.996 min
Delta R.T.: 0.003 min
Response: 45838359
Conc: 52.39 ng/ml



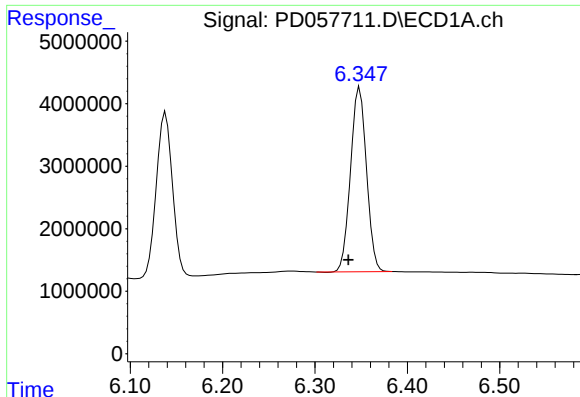
#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: 0.012 min
Response: 32223506
Conc: 52.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: 0.003 min
Response: 43930160
Conc: 52.97 ng/ml



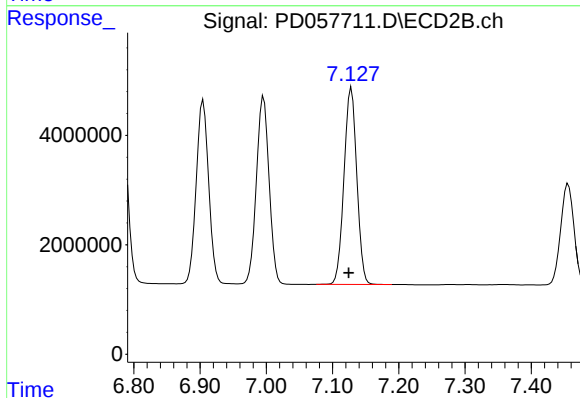
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: 0.012 min
Response: 35424562
Conc: 50.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

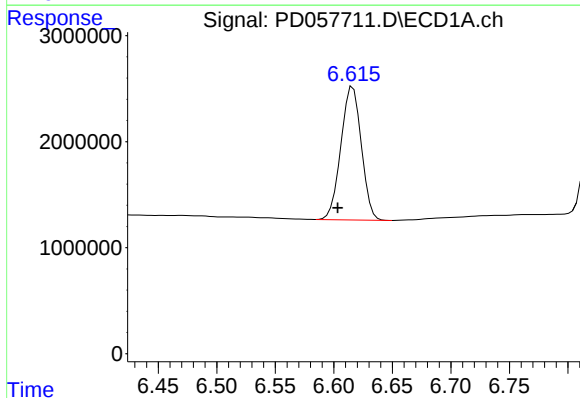
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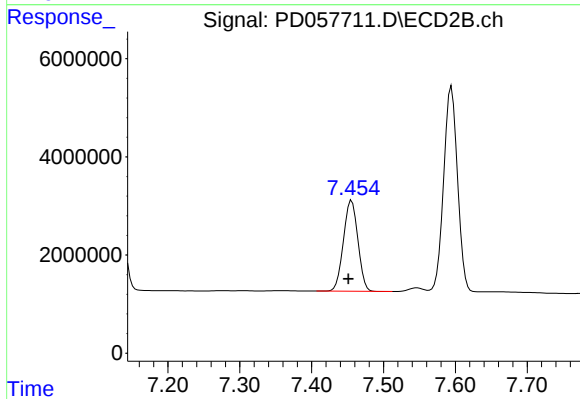
#19 Endosulfan Sulfate

R.T.: 7.128 min
Delta R.T.: 0.004 min
Response: 48237273
Conc: 53.48 ng/ml



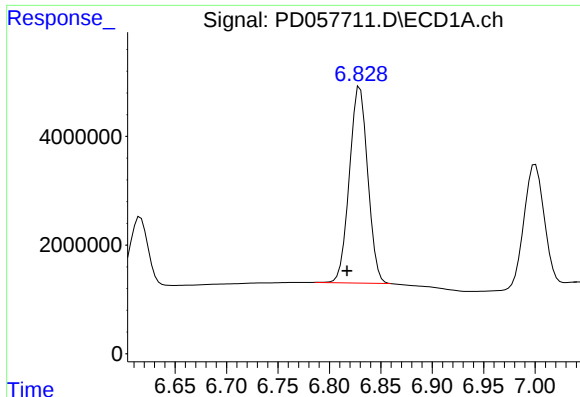
#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: 0.013 min
Response: 15292543
Conc: 60.85 ng/ml



#20 Methoxychlor

R.T.: 7.456 min
Delta R.T.: 0.004 min
Response: 25888469
Conc: 52.81 ng/ml



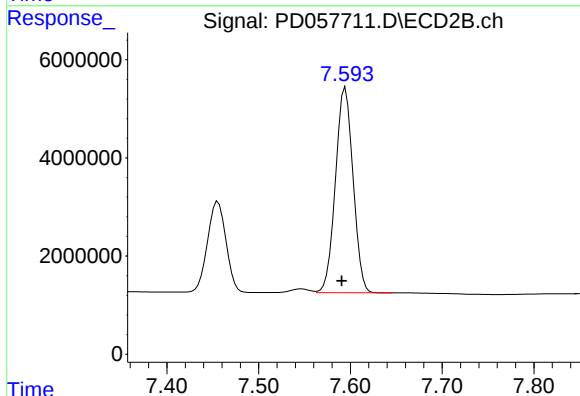
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.012 min
Response: 44873056
Conc: 54.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

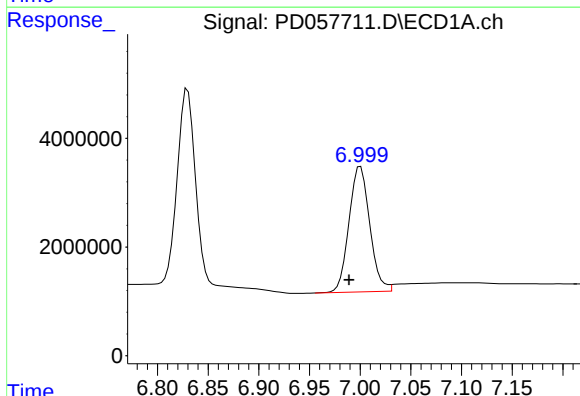
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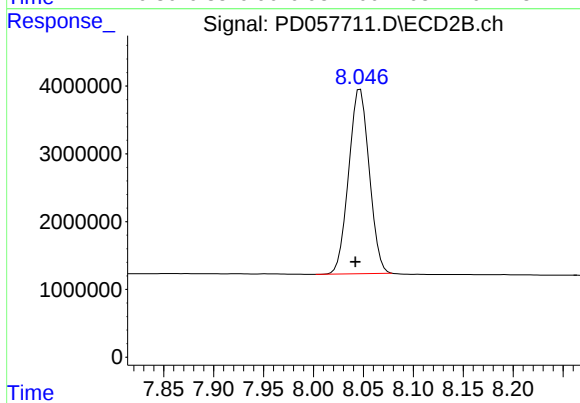
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: 0.004 min
Response: 55831015
Conc: 54.87 ng/ml



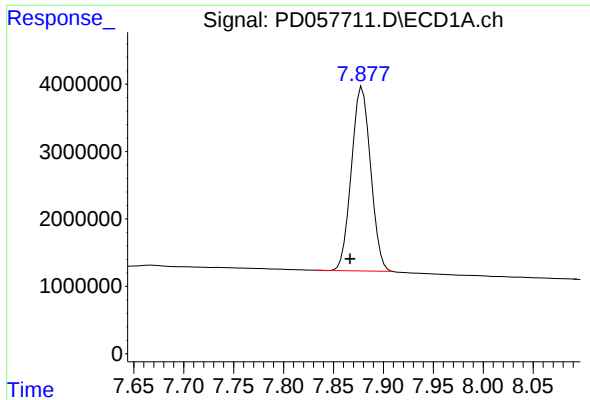
#22 Mirex

R.T.: 7.000 min
Delta R.T.: 0.011 min
Response: 32887327
Conc: 47.08 ng/ml



#22 Mirex

R.T.: 8.047 min
Delta R.T.: 0.005 min
Response: 39036561
Conc: 51.50 ng/ml



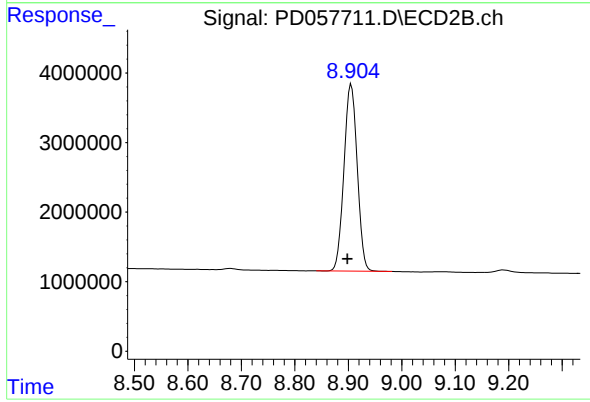
#28 Decachlorobiphenyl

R.T.: 7.879 min
Delta R.T.: 0.012 min
Response: 36586599
Conc: 48.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
4/6/2020 1:31:54 PM



#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: 0.007 min
Response: 46318142
Conc: 52.66 ng/ml