

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012820\
 Data File : PD057088.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2020 16:59
 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: Jan 29 00:28:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 20 05:43:46 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...	3.286	3.961	41653992	87452975	50.438	53.444
28)	SA Decachlor...	7.959	9.000	48282499	84135551	49.818	50.479
Target Compounds							
2)	A alpha-BHC	3.713	4.348	68166465	139.4E6	52.189	55.082
3)	MA gamma-BHC...	3.988	4.630	64810548	133.2E6	48.596	54.531
4)	MA Heptachlor	4.273	5.135	59387037	129.9E6	50.906	54.283m
5)	MB Aldrin	4.512	5.440	58315084	122.8E6	50.166	54.149
6)	B beta-BHC	4.236	4.800	25766617	54624760	49.876m	51.917
7)	B delta-BHC	4.433	5.016	62661390	125.4E6	50.300	56.084
8)	B Heptachlo...	4.949	5.824	54638977	117.8E6	50.887	54.240
9)	A Endosulfan I	5.280	6.180	51228338	107.1E6	52.126	52.796
10)	B gamma-Chl...	5.171	6.058	55720703	118.0E6	51.300	52.980
11)	B alpha-Chl...	5.228	6.130	55297607	117.1E6	51.083	52.594
12)	B 4,4'-DDE	5.396	6.287	54057234	108.2E6	57.238	54.168
13)	MA Dieldrin	5.519	6.435	55286605	113.0E6	51.906	52.751
14)	MA Endrin	5.772	6.652	47058944	90845147	52.933	52.786
15)	B Endosulfa...	6.046	6.861	49284053	99150557	50.827	51.963
16)	A 4,4'-DDD	5.906	6.775	42677845	88789833	50.898	52.780
17)	MA 4,4'-DDT	6.142	7.073	40546395	87258140	56.318	56.663
18)	B Endrin al...	6.214	6.985	41782282	84164131	49.411	51.017
19)	B Endosulfa...	6.425	7.207	45865280	93254323	50.049	50.918
20)	A Methoxychlor	6.690	7.529	20432967	45437961	52.083	51.493m
21)	B Endrin ke...	6.908	7.677	57112417	105.6E6	51.967m	51.404
22)	Mirex	7.084	8.130	40767627	73523246	48.510	50.197

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012820\
Data File : PD057088.D
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Acq On : 28 Jan 2020 16:59
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

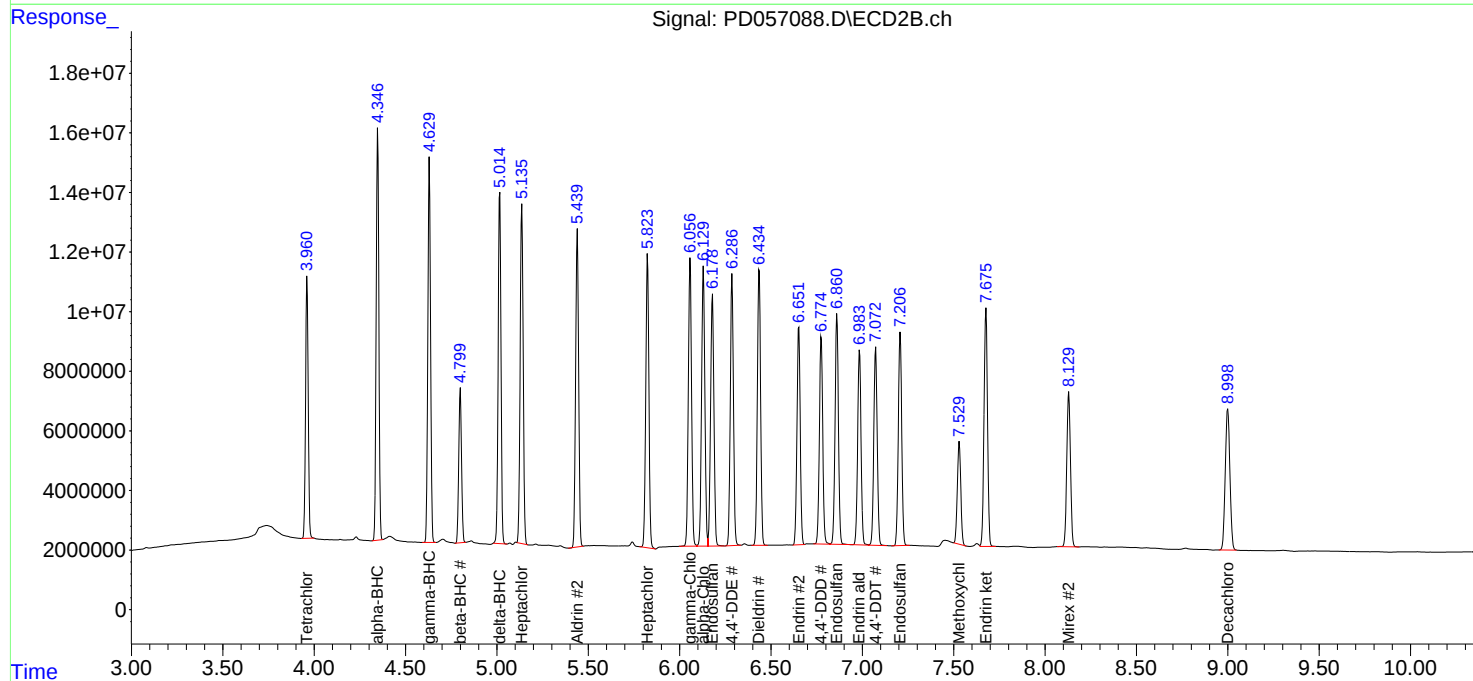
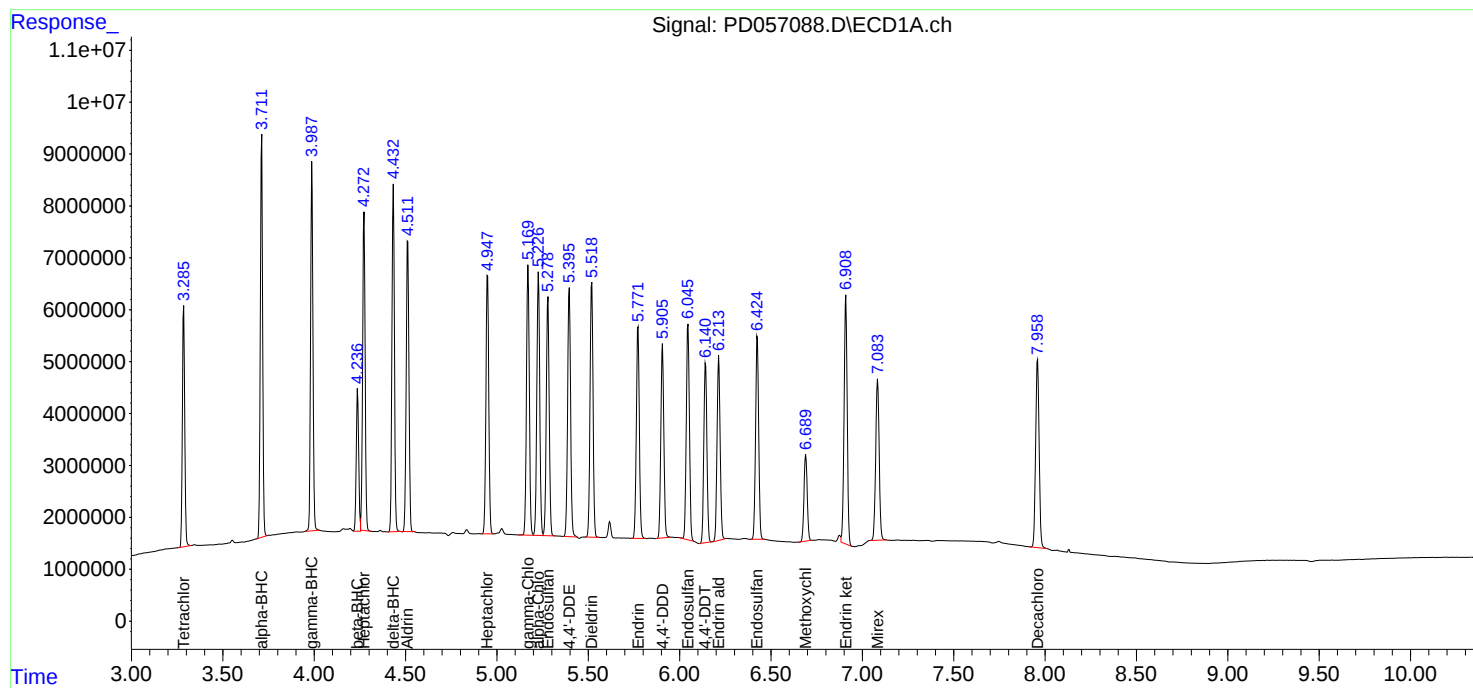
Instrument :
ECD_D
ClientSampleID :
PSTDCCC050

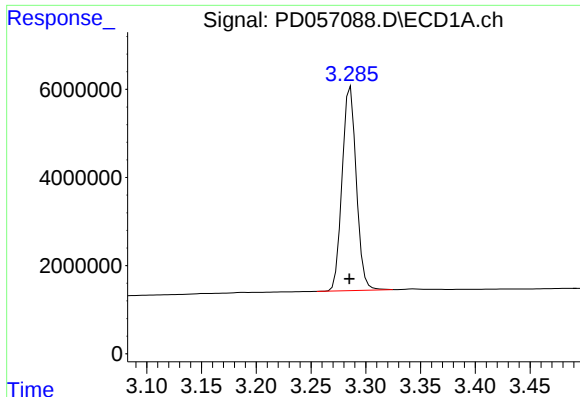
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:28:00 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





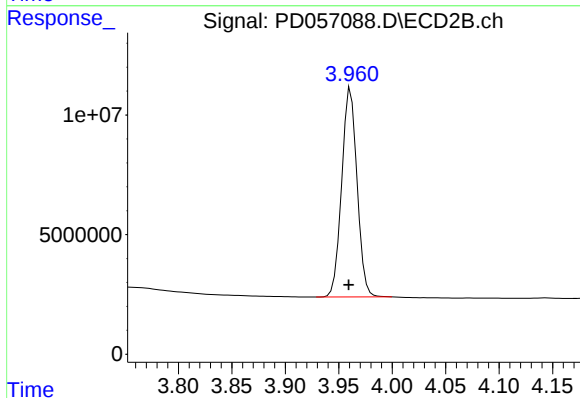
#1 Tetrachloro-m-xylene

R.T.: 3.286 min
Delta R.T.: 0.001 min
Response: 41653992
Conc: 50.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

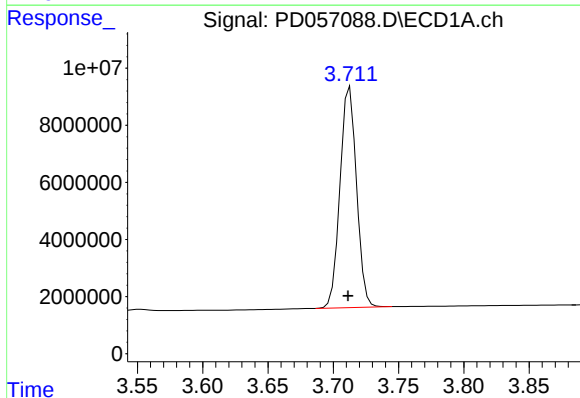
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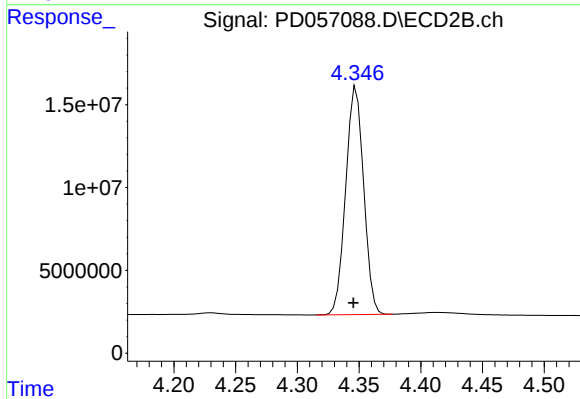
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.002 min
Response: 87452975
Conc: 53.44 ng/ml



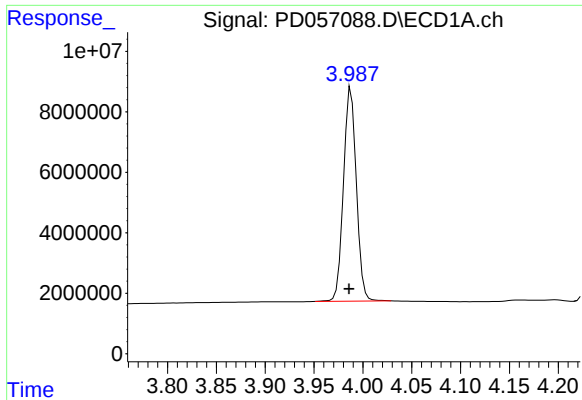
#2 alpha-BHC

R.T.: 3.713 min
Delta R.T.: 0.002 min
Response: 68166465
Conc: 52.19 ng/ml



#2 alpha-BHC

R.T.: 4.348 min
Delta R.T.: 0.002 min
Response: 139369588
Conc: 55.08 ng/ml



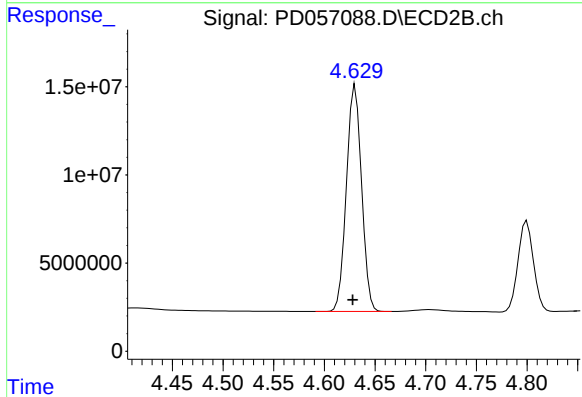
#3 gamma-BHC (Lindane)

R.T.: 3.988 min
Delta R.T.: 0.002 min
Response: 64810548
Conc: 48.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

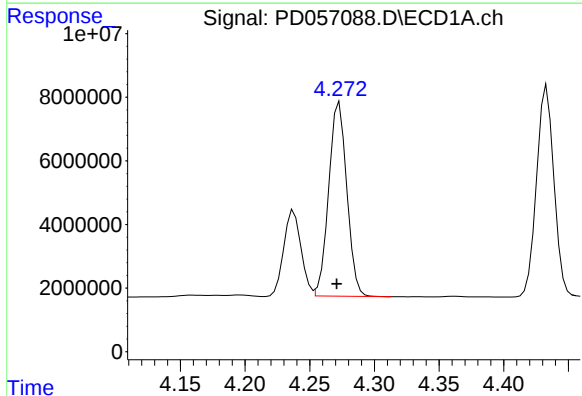
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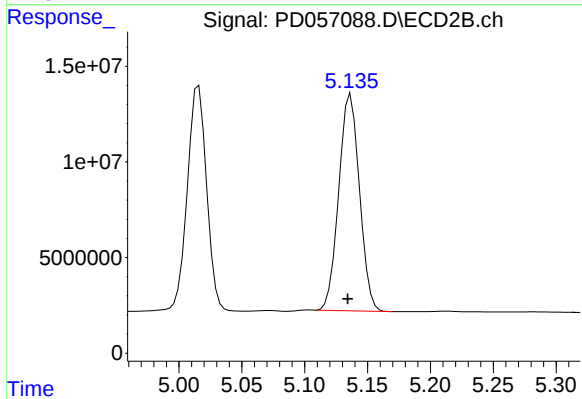
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: 0.003 min
Response: 133227149
Conc: 54.53 ng/ml



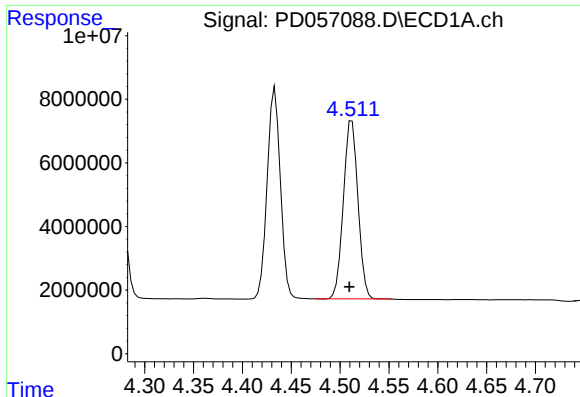
#4 Heptachlor

R.T.: 4.273 min
Delta R.T.: 0.002 min
Response: 59387037
Conc: 50.91 ng/ml



#4 Heptachlor

R.T.: 5.135 min
Delta R.T.: 0.001 min
Response: 129867777
Conc: 54.28 ng/ml m



#5 Aldrin

R.T.: 4.512 min

Delta R.T.: 0.003 min

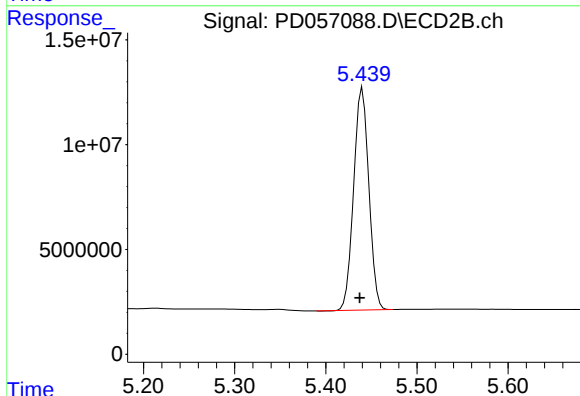
Response: 58315084

Conc: 50.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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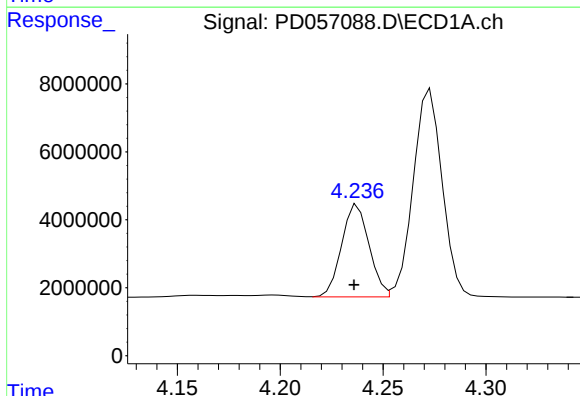
#5 Aldrin

R.T.: 5.440 min

Delta R.T.: 0.003 min

Response: 122750867

Conc: 54.15 ng/ml



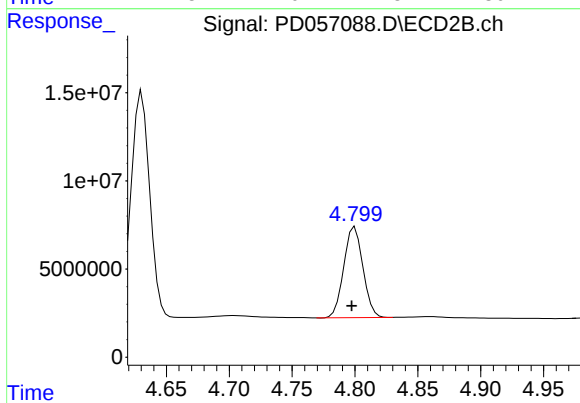
#6 beta-BHC

R.T.: 4.236 min

Delta R.T.: 0.000 min

Response: 25766617

Conc: 49.88 ng/ml m



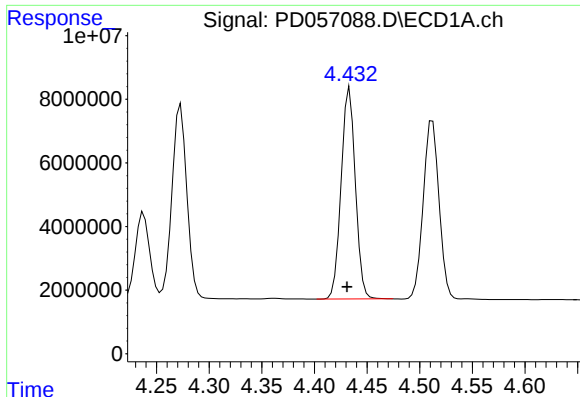
#6 beta-BHC

R.T.: 4.800 min

Delta R.T.: 0.002 min

Response: 54624760

Conc: 51.92 ng/ml



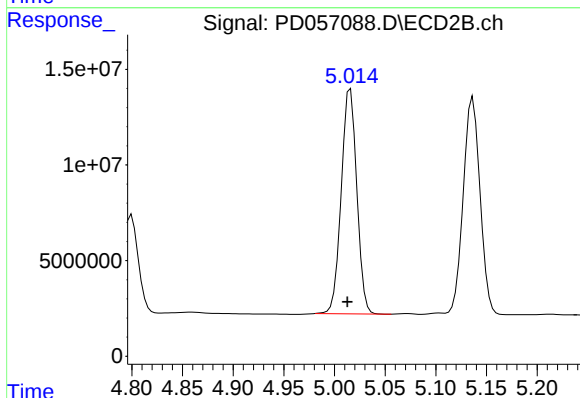
#7 delta-BHC

R.T.: 4.433 min
Delta R.T.: 0.002 min
Response: 62661390
Conc: 50.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

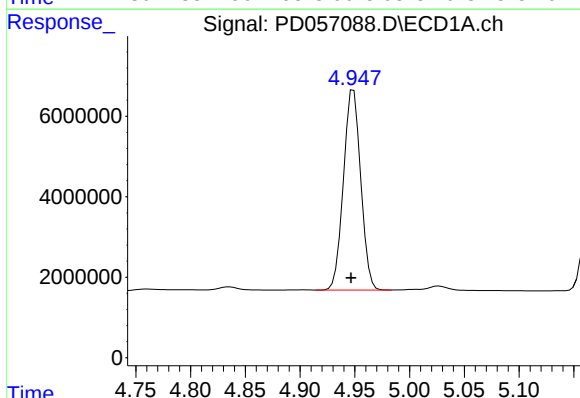
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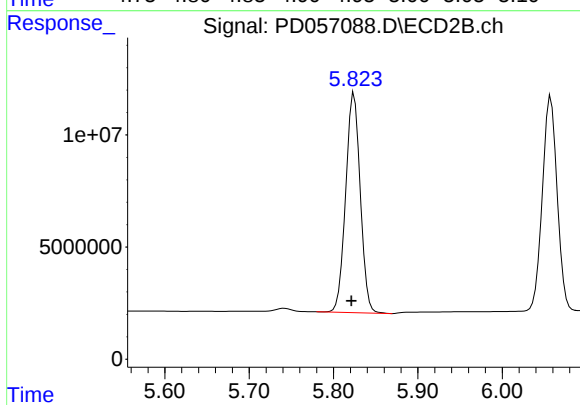
#7 delta-BHC

R.T.: 5.016 min
Delta R.T.: 0.003 min
Response: 125449039
Conc: 56.08 ng/ml



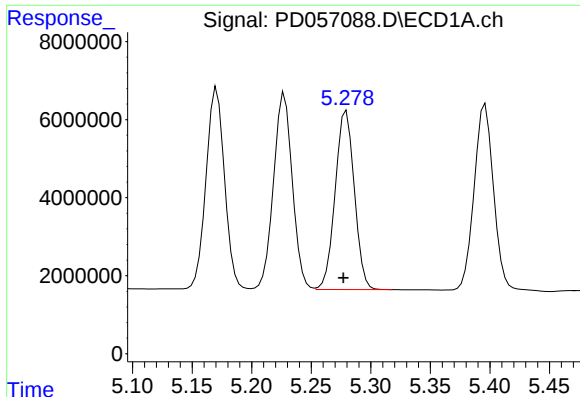
#8 Heptachlor epoxide

R.T.: 4.949 min
Delta R.T.: 0.002 min
Response: 54638977
Conc: 50.89 ng/ml



#8 Heptachlor epoxide

R.T.: 5.824 min
Delta R.T.: 0.003 min
Response: 117773526
Conc: 54.24 ng/ml



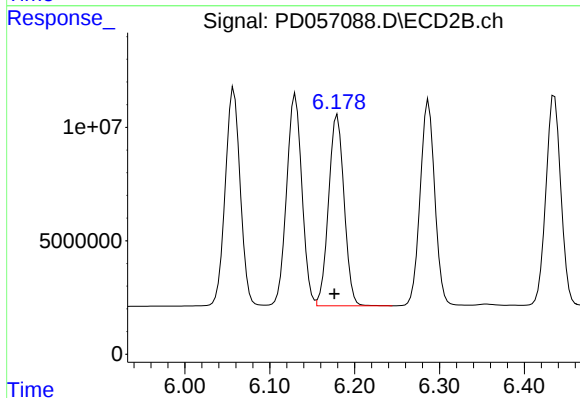
#9 Endosulfan I

R.T.: 5.280 min
Delta R.T.: 0.003 min
Response: 51228338
Conc: 52.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

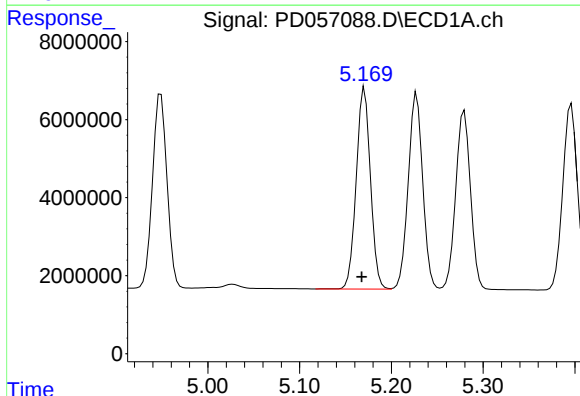
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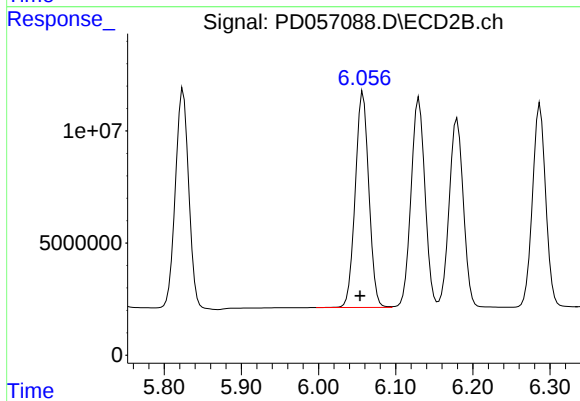
#9 Endosulfan I

R.T.: 6.180 min
Delta R.T.: 0.004 min
Response: 107104493
Conc: 52.80 ng/ml



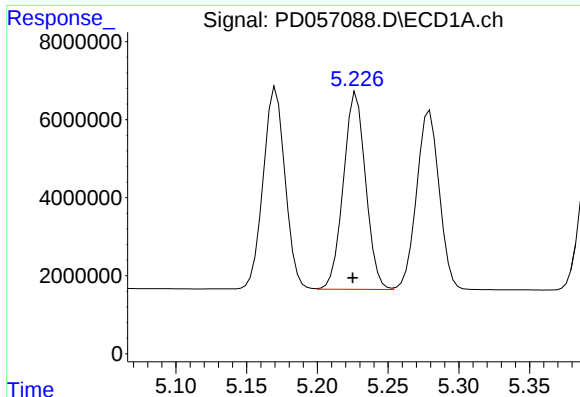
#10 gamma-Chlordane

R.T.: 5.171 min
Delta R.T.: 0.003 min
Response: 55720703
Conc: 51.30 ng/ml



#10 gamma-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.004 min
Response: 117955547
Conc: 52.98 ng/ml



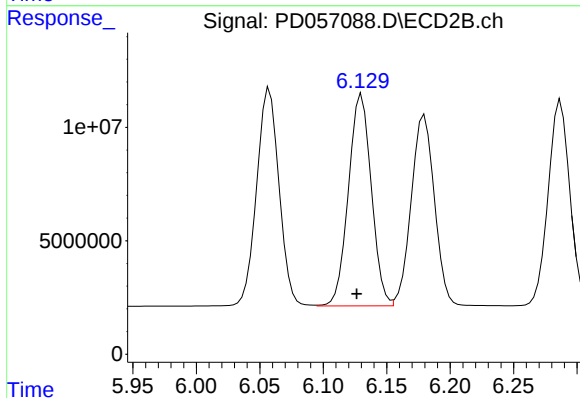
#11 alpha-Chlordane

R.T.: 5.228 min
Delta R.T.: 0.003 min
Response: 55297607
Conc: 51.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

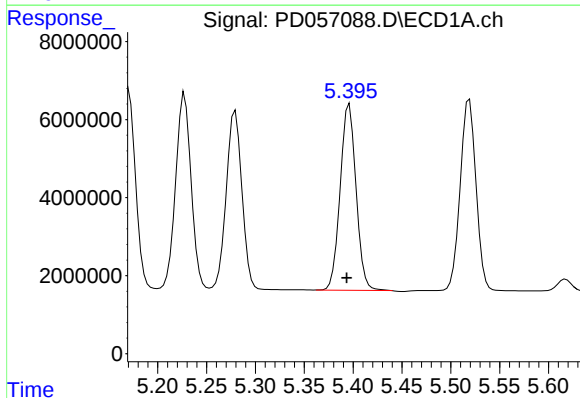
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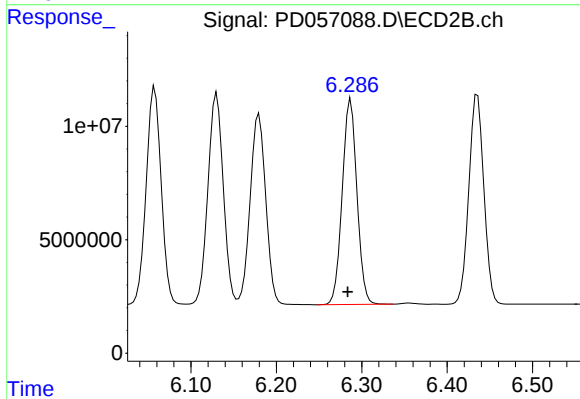
#11 alpha-Chlordane

R.T.: 6.130 min
Delta R.T.: 0.004 min
Response: 117090188
Conc: 52.59 ng/ml



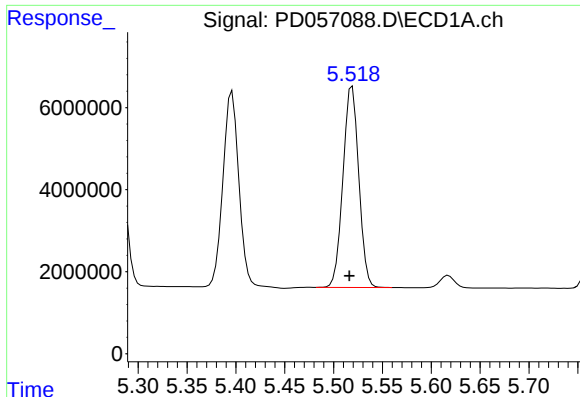
#12 4,4'-DDE

R.T.: 5.396 min
Delta R.T.: 0.003 min
Response: 54057234
Conc: 57.24 ng/ml



#12 4,4'-DDE

R.T.: 6.287 min
Delta R.T.: 0.003 min
Response: 108207866
Conc: 54.17 ng/ml



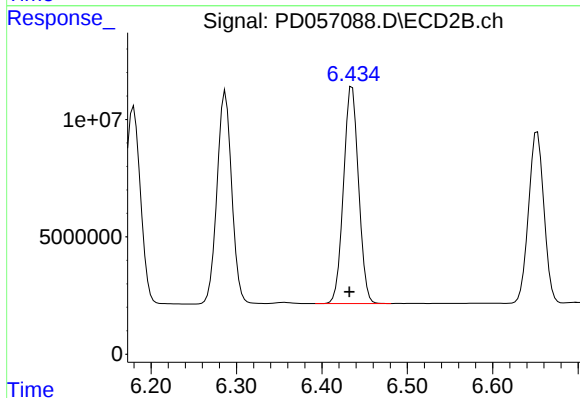
#13 Dieldrin

R.T.: 5.519 min
Delta R.T.: 0.003 min
Response: 55286605
Conc: 51.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

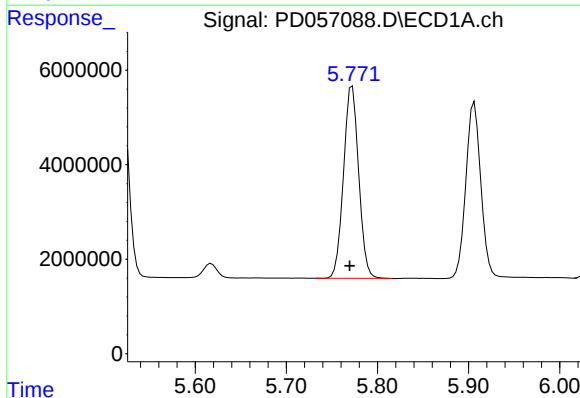
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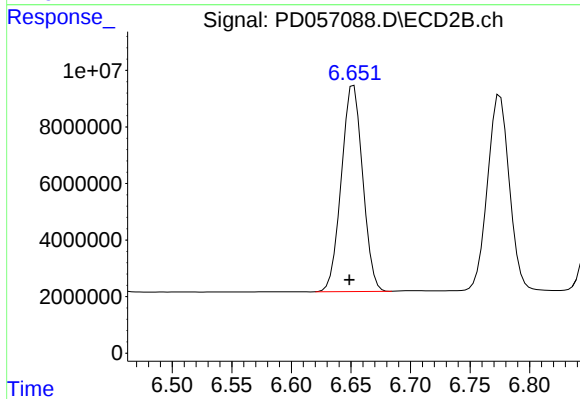
#13 Dieldrin

R.T.: 6.435 min
Delta R.T.: 0.003 min
Response: 112987018
Conc: 52.75 ng/ml



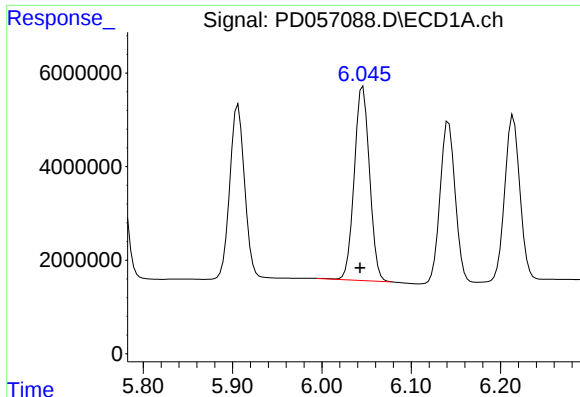
#14 Endrin

R.T.: 5.772 min
Delta R.T.: 0.003 min
Response: 47058944
Conc: 52.93 ng/ml



#14 Endrin

R.T.: 6.652 min
Delta R.T.: 0.004 min
Response: 90845147
Conc: 52.79 ng/ml



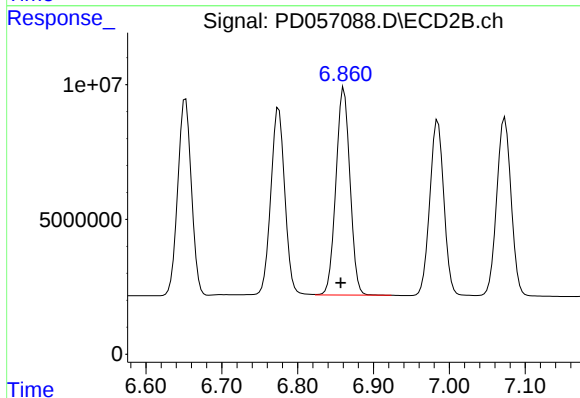
#15 Endosulfan II

R.T.: 6.046 min
Delta R.T.: 0.003 min
Response: 49284053
Conc: 50.83 ng/ml

Instrument :
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PSTDCCC050

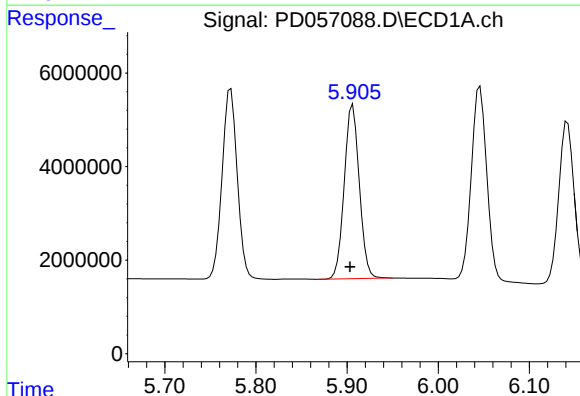
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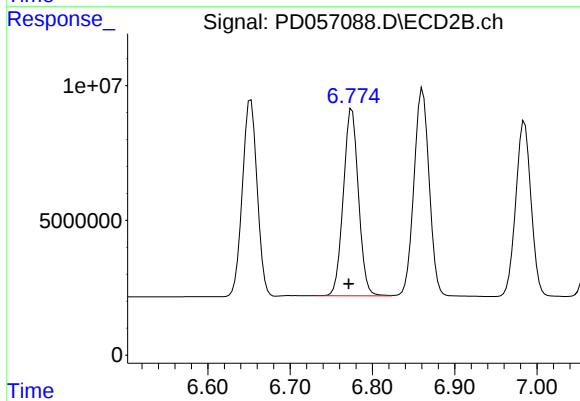
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: 0.004 min
Response: 99150557
Conc: 51.96 ng/ml



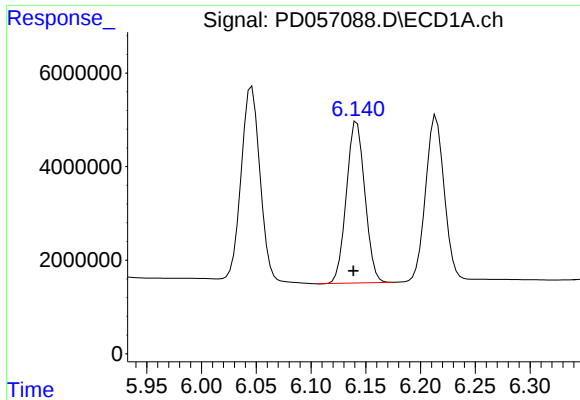
#16 4,4'-DDD

R.T.: 5.906 min
Delta R.T.: 0.003 min
Response: 42677845
Conc: 50.90 ng/ml



#16 4,4'-DDD

R.T.: 6.775 min
Delta R.T.: 0.004 min
Response: 88789833
Conc: 52.78 ng/ml



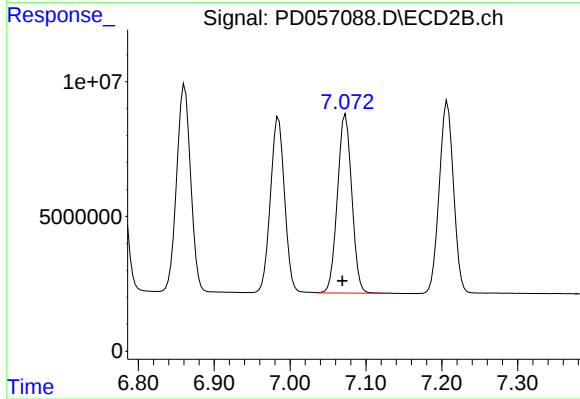
#17 4,4'-DDT

R.T.: 6.142 min
Delta R.T.: 0.003 min
Response: 40546395
Conc: 56.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

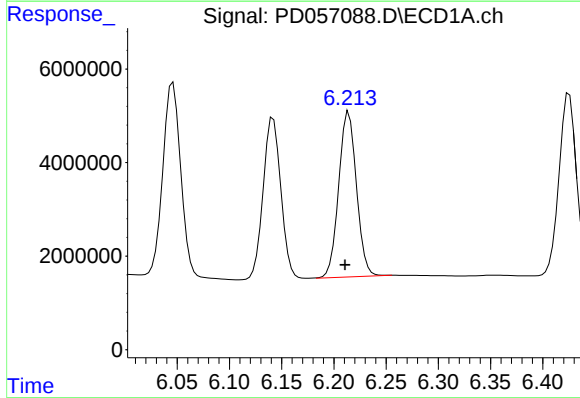
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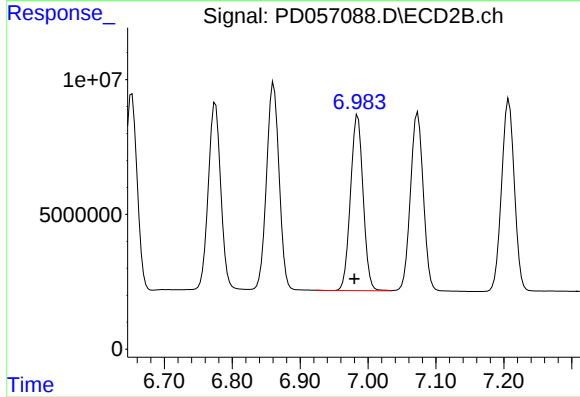
#17 4,4'-DDT

R.T.: 7.073 min
Delta R.T.: 0.004 min
Response: 87258140
Conc: 56.66 ng/ml



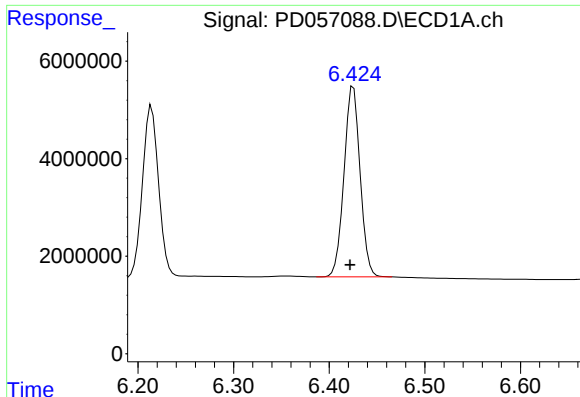
#18 Endrin aldehyde

R.T.: 6.214 min
Delta R.T.: 0.004 min
Response: 41782282
Conc: 49.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.985 min
Delta R.T.: 0.005 min
Response: 84164131
Conc: 51.02 ng/ml



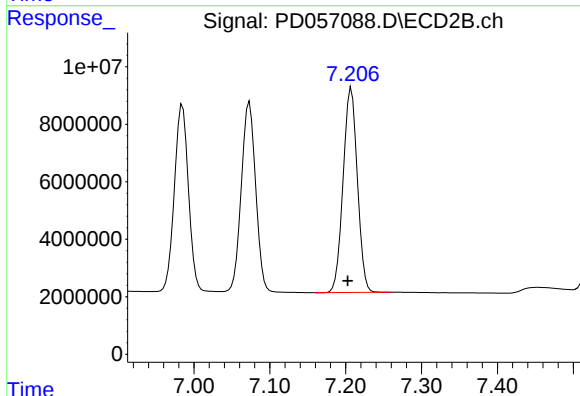
#19 Endosulfan Sulfate

R.T.: 6.425 min
Delta R.T.: 0.003 min
Response: 45865280
Conc: 50.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

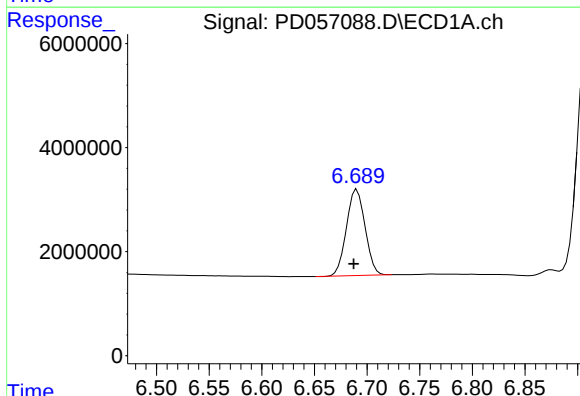
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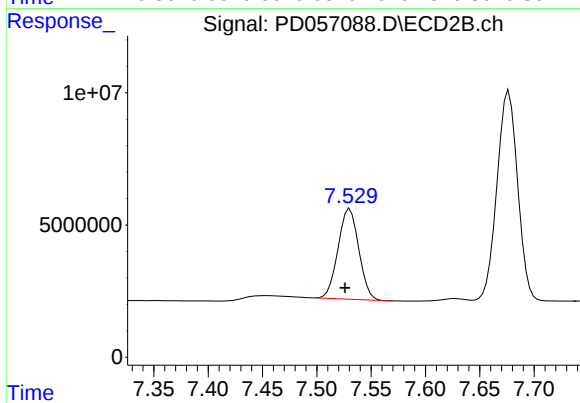
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.005 min
Response: 93254323
Conc: 50.92 ng/ml



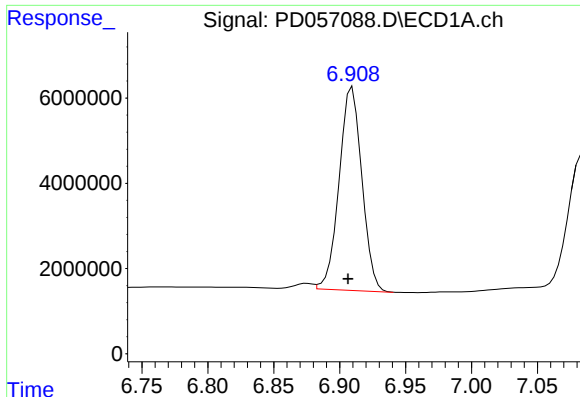
#20 Methoxychlor

R.T.: 6.690 min
Delta R.T.: 0.003 min
Response: 20432967
Conc: 52.08 ng/ml



#20 Methoxychlor

R.T.: 7.529 min
Delta R.T.: 0.003 min
Response: 45437961
Conc: 51.49 ng/ml m



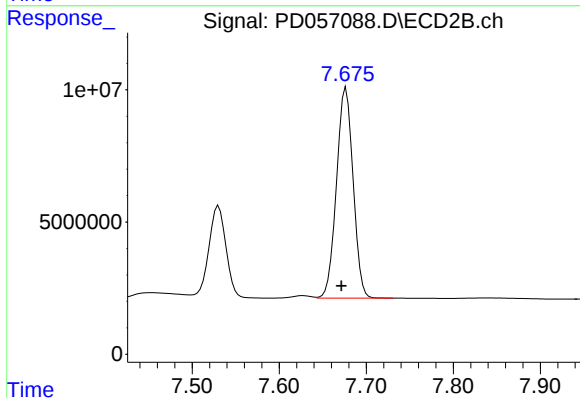
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.002 min
Response: 57112417
Conc: 51.97 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

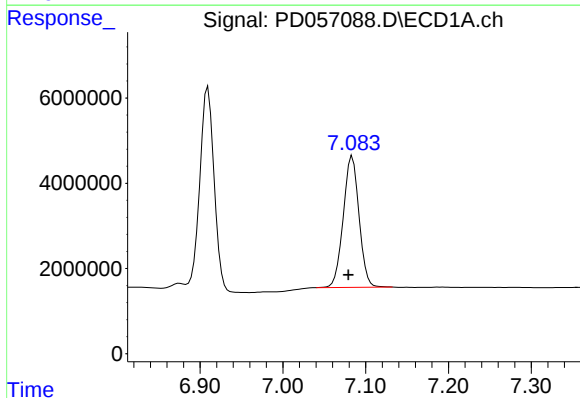
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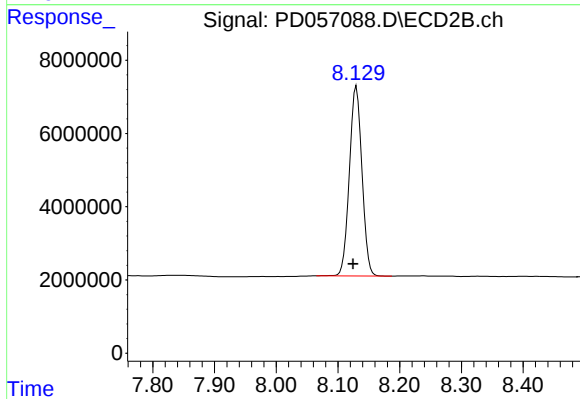
#21 Endrin ketone

R.T.: 7.677 min
Delta R.T.: 0.006 min
Response: 105642322
Conc: 51.40 ng/ml



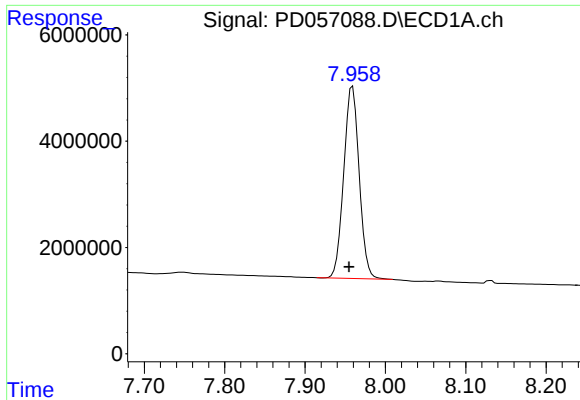
#22 Mirex

R.T.: 7.084 min
Delta R.T.: 0.005 min
Response: 40767627
Conc: 48.51 ng/ml



#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.005 min
Response: 73523246
Conc: 50.20 ng/ml



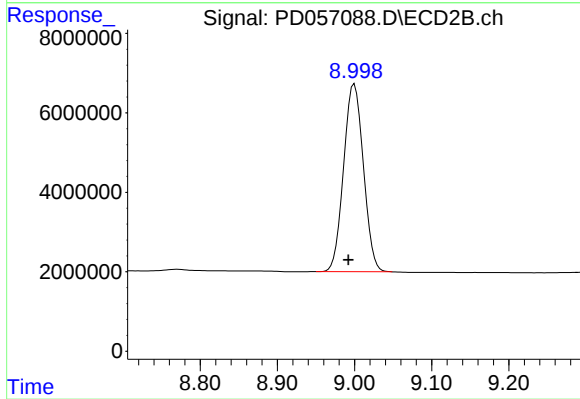
#28 Decachlorobiphenyl

R.T.: 7.959 min
Delta R.T.: 0.004 min
Response: 48282499
Conc: 49.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
1/29/2020 3:05:56 PM



#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: 0.008 min
Response: 84135551
Conc: 50.48 ng/ml