

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020224\
 Data File : PD081045.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2024 19:41
 Operator : AR\AJ
 Sample : P1337-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/05/2024
 Supervised By :Ankita Jodhani 02/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 01:48:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.566	2.796	27343860	47005541	19.262	19.650
28)	SA Decachlor...	9.114	7.934	30644964	40990263	15.228	15.389
Target Compounds							
2)	A alpha-BHC	4.023	3.297	110.5E6	171.6E6	44.487	44.718
3)	MA gamma-BHC...	4.356	3.627	105.5E6	163.6E6	43.117	43.748
4)	MA Heptachlor	4.950	3.966	105.9E6	151.5E6	42.942	43.941m
5)	MB Aldrin	5.293	4.248	103.9E6	156.7E6	42.324	43.029
6)	B beta-BHC	4.551	3.919	44972631	107.1E6	44.446	68.542m#
7)	B delta-BHC	4.800	4.153	105.1E6	161.4E6	41.896	42.998
8)	B Heptachlo...	5.720	4.750	93535236	143.7E6	41.772	42.913
9)	A Endosulfan I	6.107	5.120	86779044	134.1E6	41.840	43.798
10)	B gamma-Chl...	5.976	5.000	92963939	147.1E6	42.467	44.957
11)	B alpha-Chl...	6.056	5.064	91172418	144.6E6	41.872	44.241
12)	B 4,4'-DDE	6.226	5.252	84956159	137.2E6	41.750	44.779
13)	MA Dieldrin	6.382	5.384	93698223	150.2E6	42.403	44.163
14)	MA Endrin	6.612	5.659	77447028	128.4E6	41.465	43.331
15)	B Endosulfa...	6.830	5.952	83638689	127.9E6	43.192	44.477
16)	A 4,4'-DDD	6.743	5.806	74538356	119.0E6	45.364	45.337
17)	MA 4,4'-DDT	7.058	6.057	72346011	108.9E6	40.624	41.041
18)	B Endrin al...	6.961	6.131	64796960	96853707	42.597	42.957
19)	B Endosulfa...	7.195	6.354	79855432	122.6E6	42.057	43.967
20)	A Methoxychlor	7.533	6.632	38375661	59668047	37.284	38.120
21)	B Endrin ke...	7.681	6.860	88082245	142.2E6	42.120	44.058
22)	Mirex	8.158	7.044	64564118	105.3E6	39.144	41.789

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020224\
Data File : PD081045.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Feb 2024 19:41
Operator : AR\AJ
Sample : P1337-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

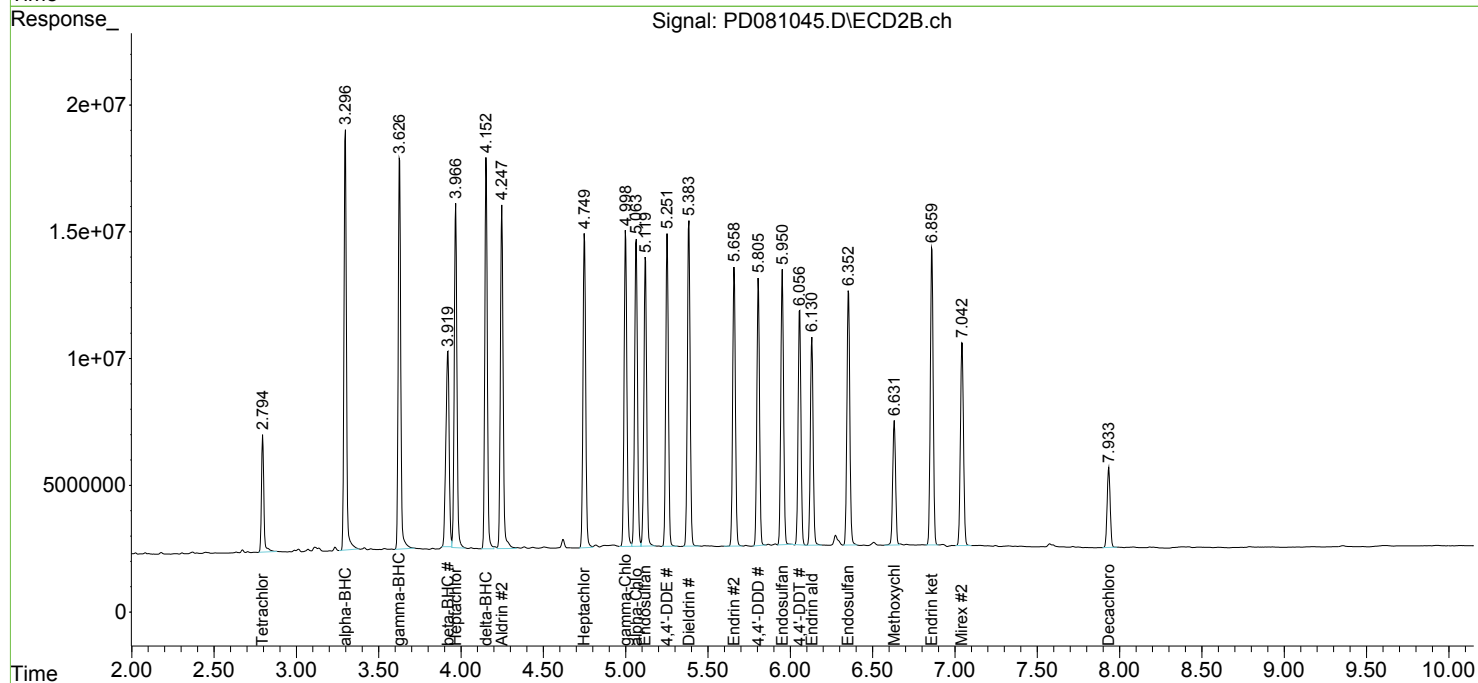
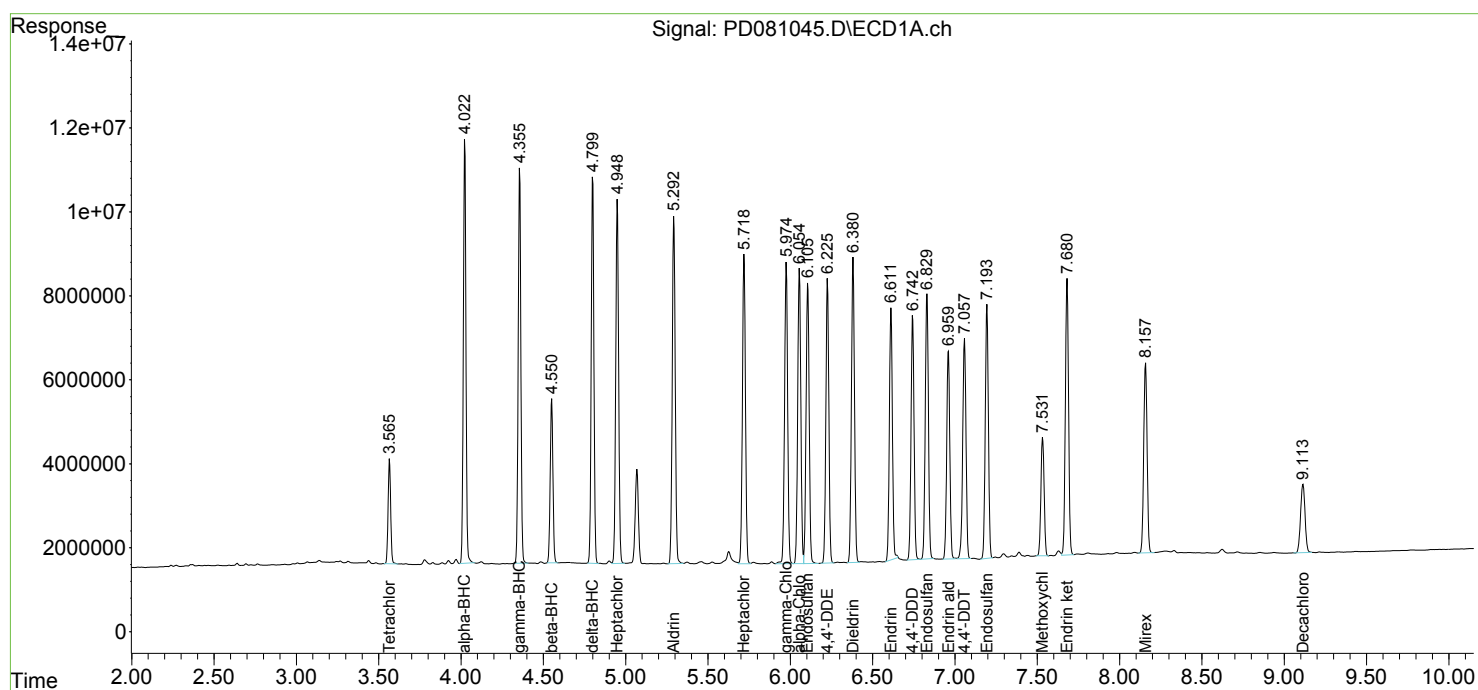
Instrument :
ECD_D
ClientSampleId :
TP-1MSD

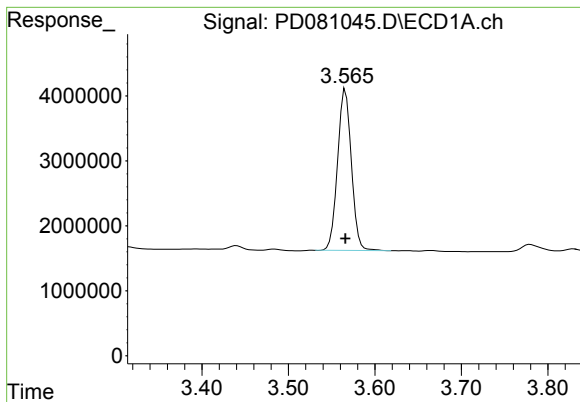
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 03 01:48:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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





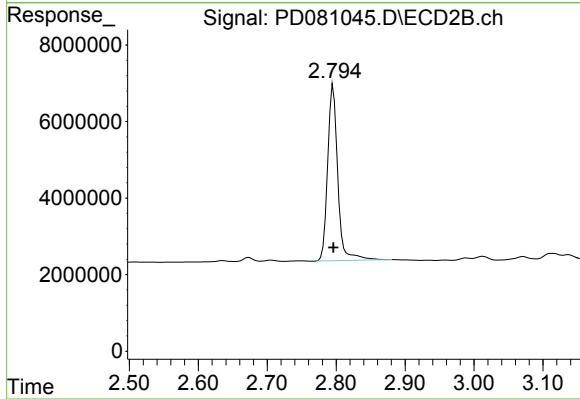
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 27343860
Conc: 19.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

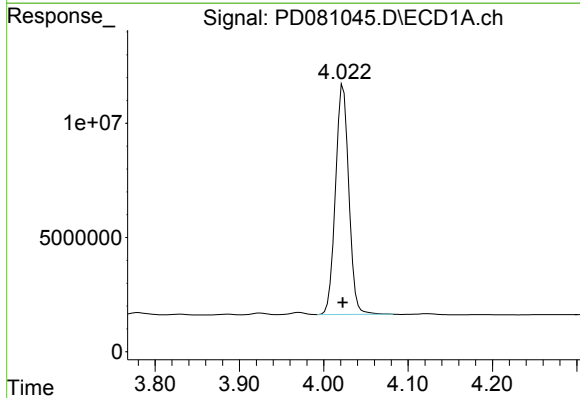
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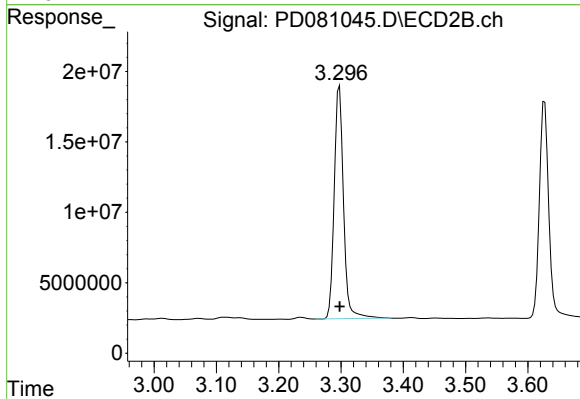
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 47005541
Conc: 19.65 ng/ml



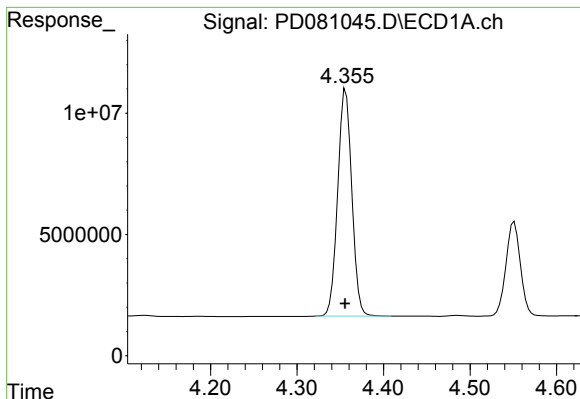
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 110498246
Conc: 44.49 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 171586333
Conc: 44.72 ng/ml



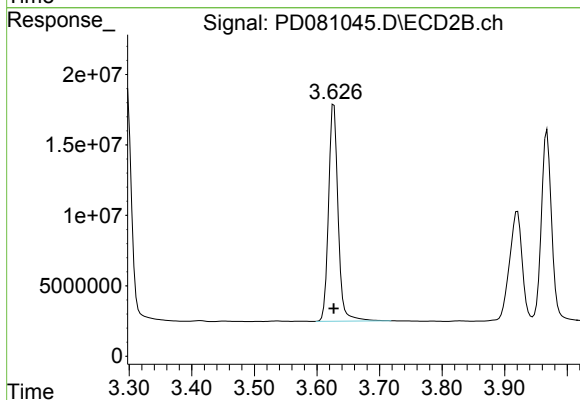
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 105534668
Conc: 43.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

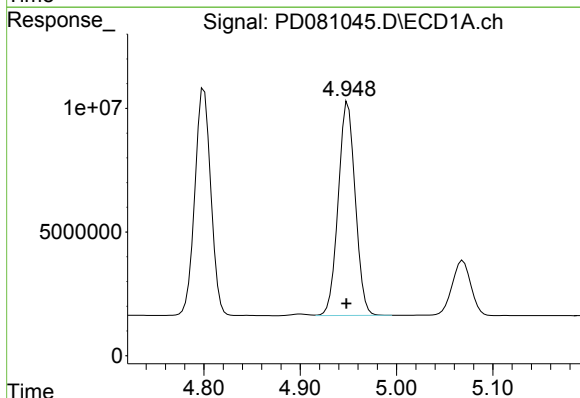
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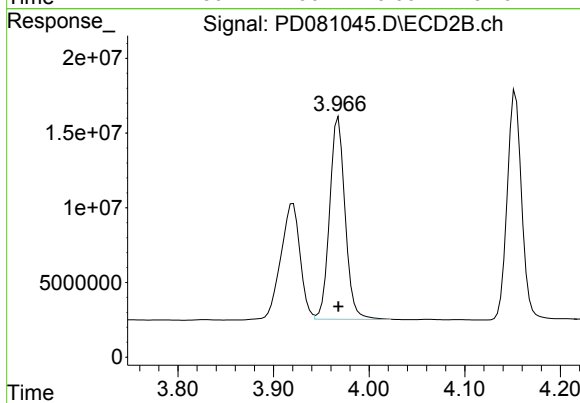
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 163571303
Conc: 43.75 ng/ml



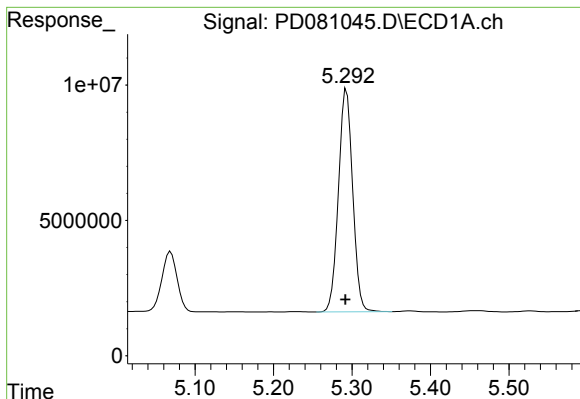
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.002 min
Response: 105910668
Conc: 42.94 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.001 min
Response: 151512972
Conc: 43.94 ng/ml m



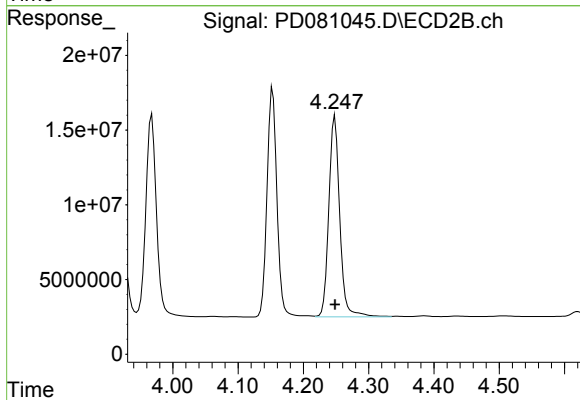
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.001 min
Response: 103889542
Conc: 42.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

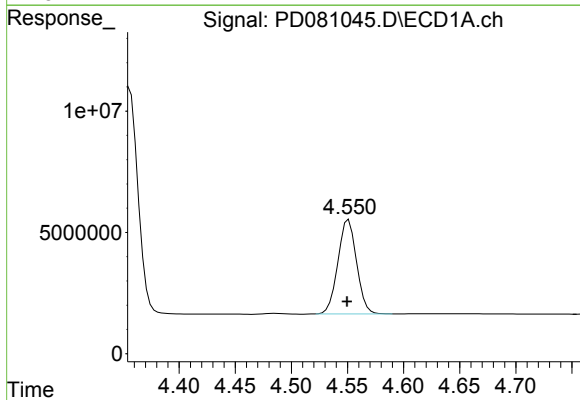
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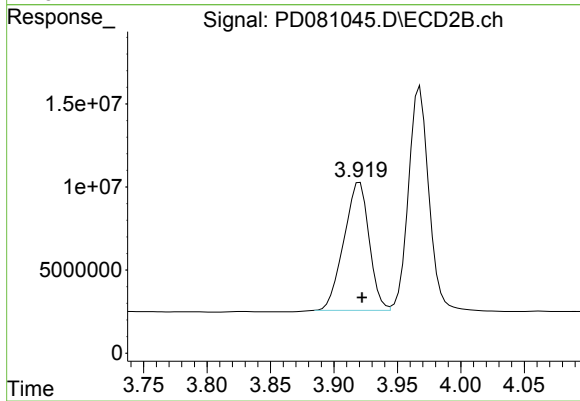
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 156711982
Conc: 43.03 ng/ml



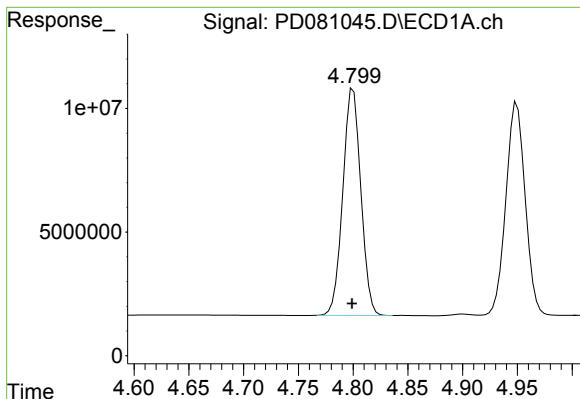
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 44972631
Conc: 44.45 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: -0.003 min
Response: 107102905
Conc: 68.54 ng/ml m



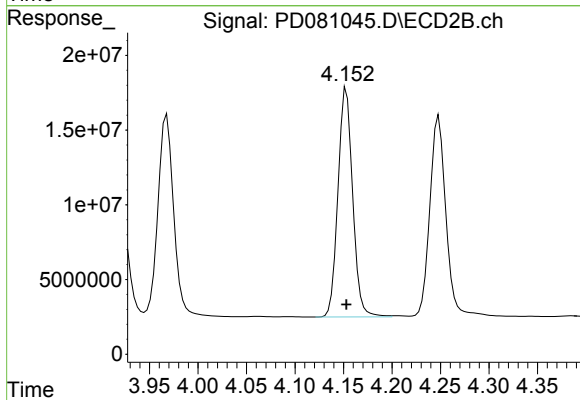
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.001 min
Response: 105107599
Conc: 41.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

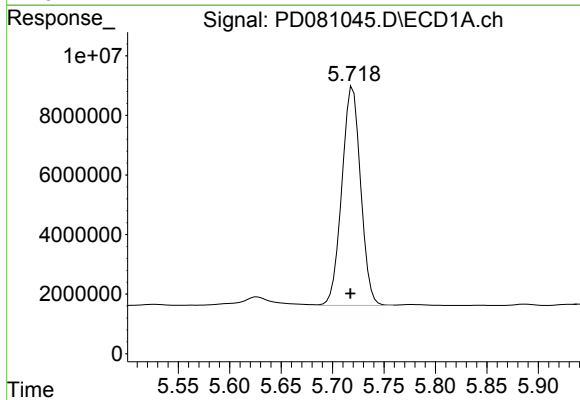
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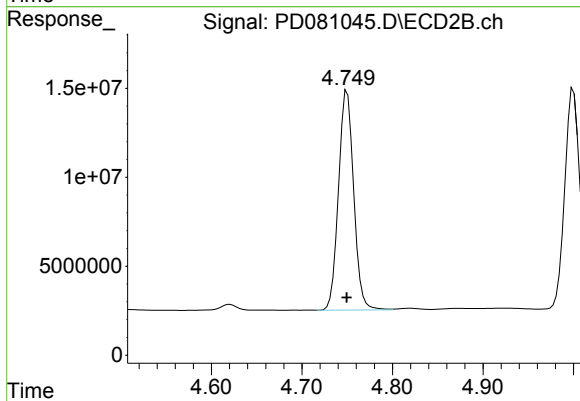
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 161370343
Conc: 43.00 ng/ml



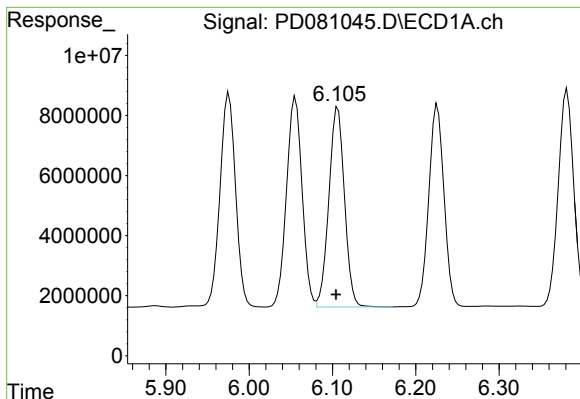
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.002 min
Response: 93535236
Conc: 41.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 143736851
Conc: 42.91 ng/ml



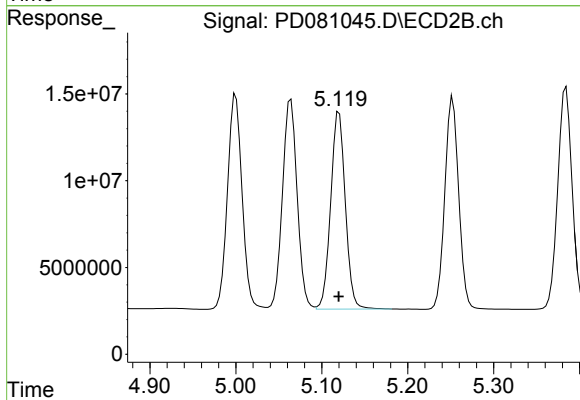
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 86779044
Conc: 41.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

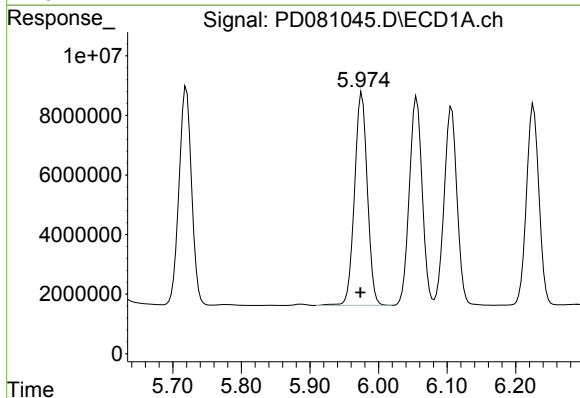
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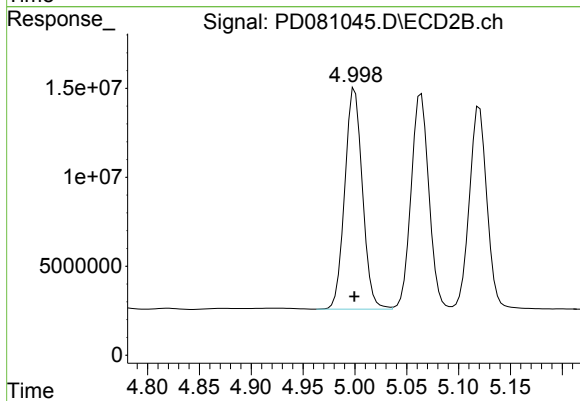
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 134142147
Conc: 43.80 ng/ml



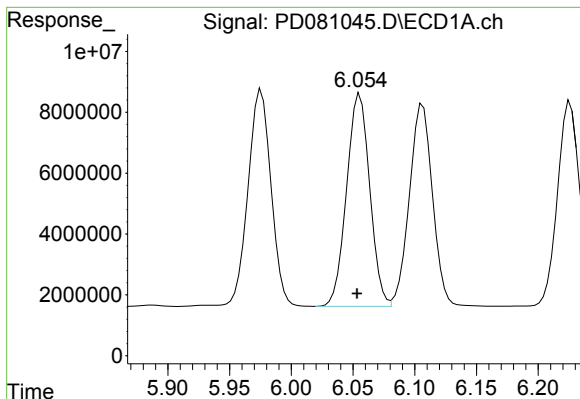
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.002 min
Response: 92963939
Conc: 42.47 ng/ml



#10 gamma-Chlordane

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 147053959
Conc: 44.96 ng/ml



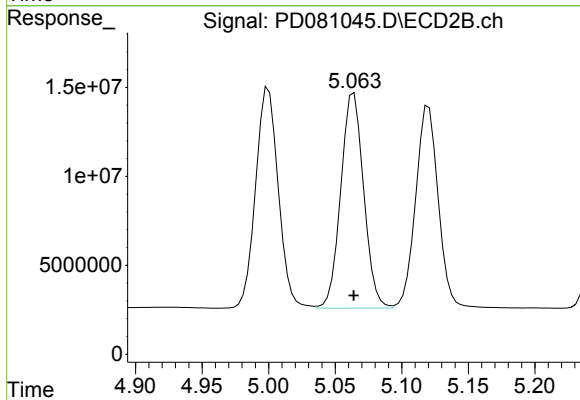
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.002 min
Response: 91172418
Conc: 41.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

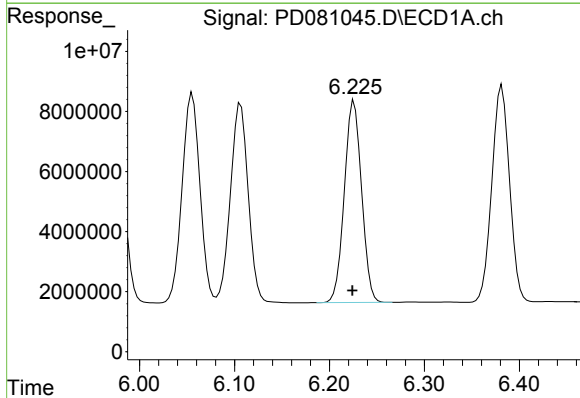
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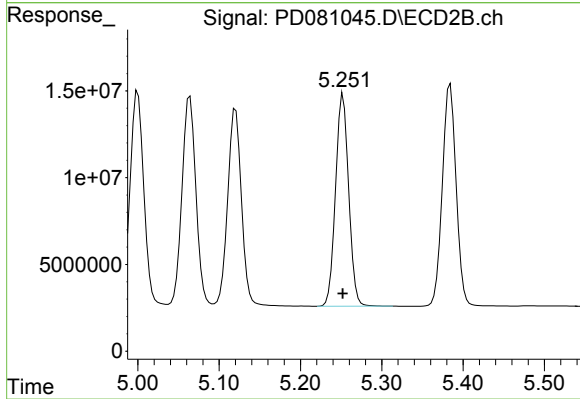
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 144647211
Conc: 44.24 ng/ml



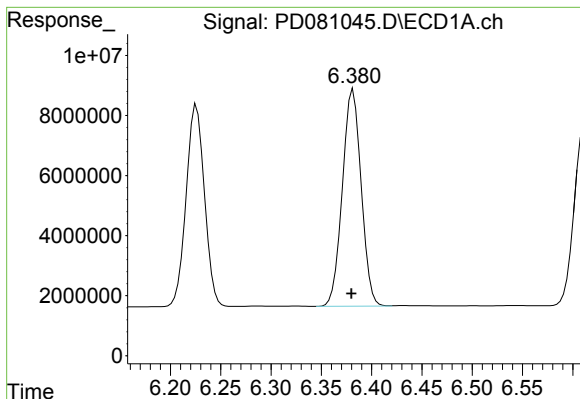
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 84956159
Conc: 41.75 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 137168330
Conc: 44.78 ng/ml



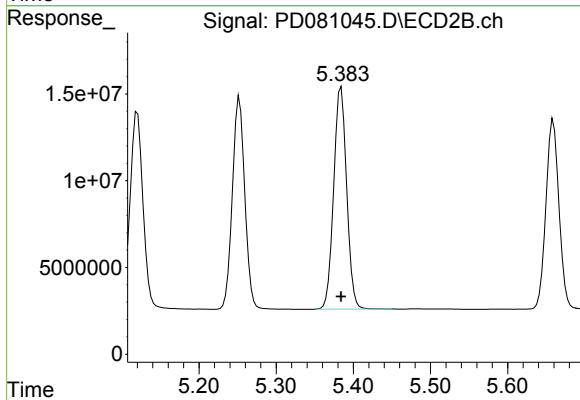
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 93698223
Conc: 42.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

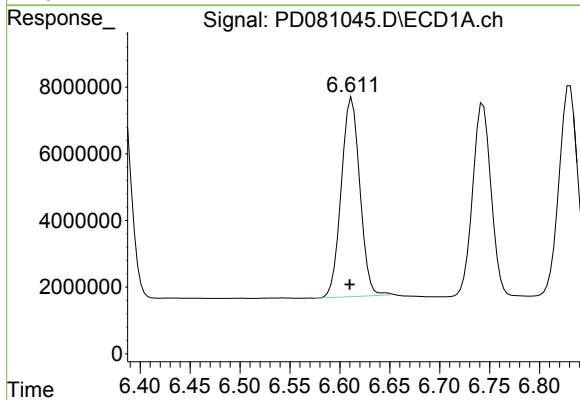
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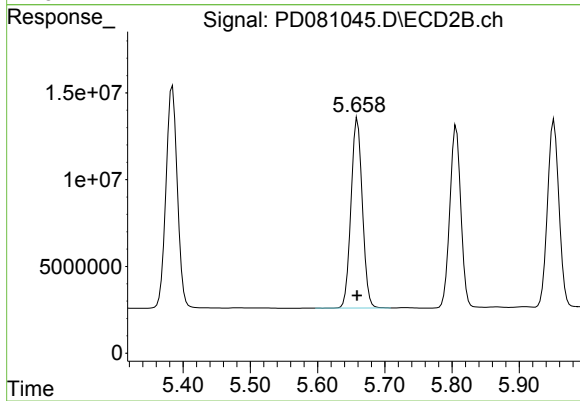
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 150188207
Conc: 44.16 ng/ml



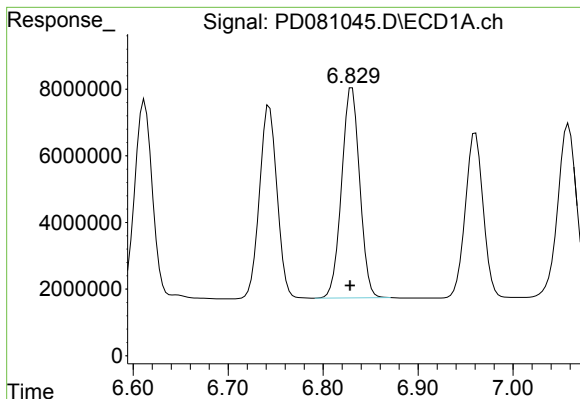
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 77447028
Conc: 41.47 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 128407552
Conc: 43.33 ng/ml



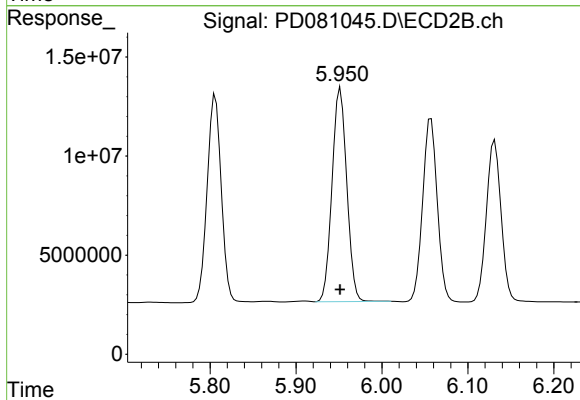
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 83638689
Conc: 43.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

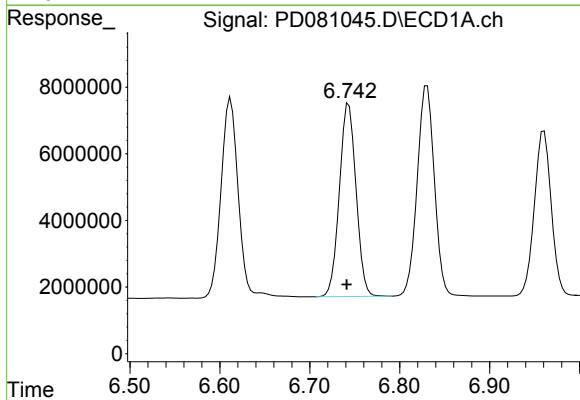
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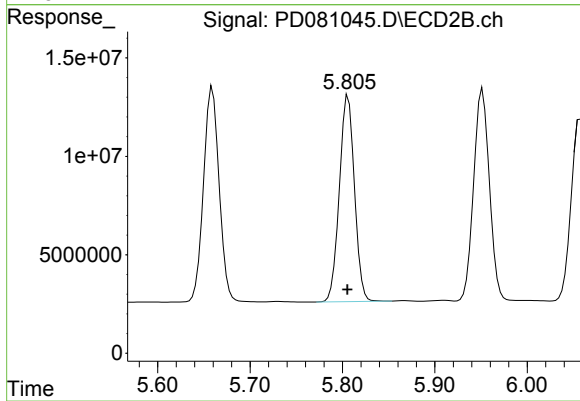
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 127911528
Conc: 44.48 ng/ml



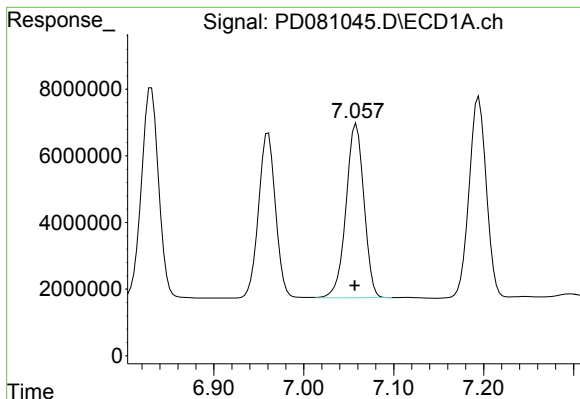
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 74538356
Conc: 45.36 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 119020207
Conc: 45.34 ng/ml



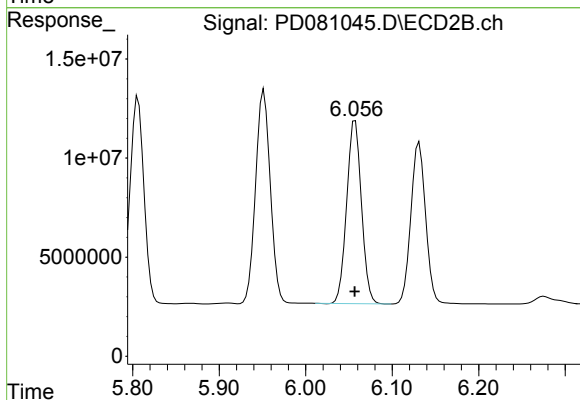
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 72346011
Conc: 40.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

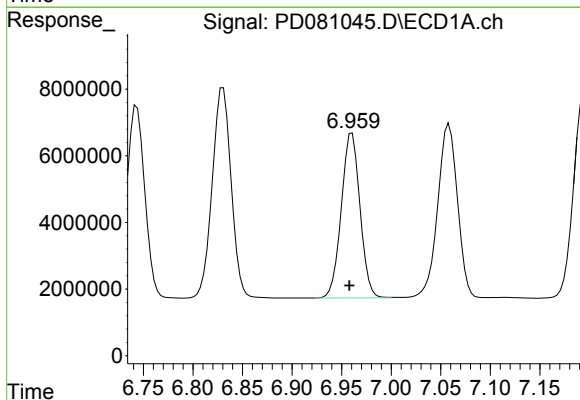
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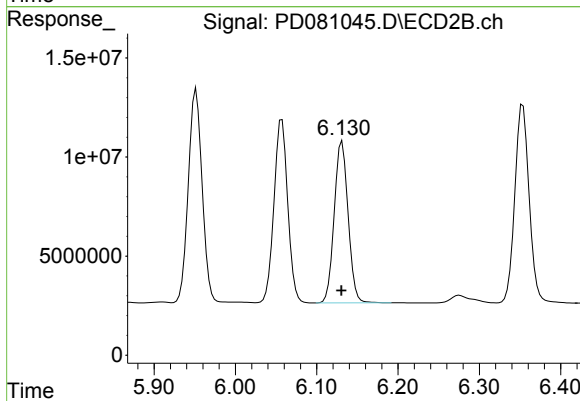
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 108885537
Conc: 41.04 ng/ml



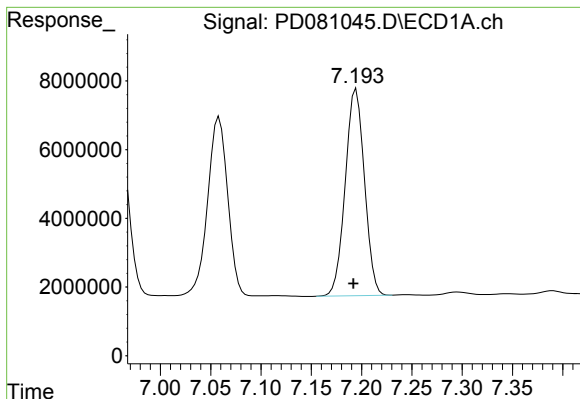
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 64796960
Conc: 42.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 96853707
Conc: 42.96 ng/ml



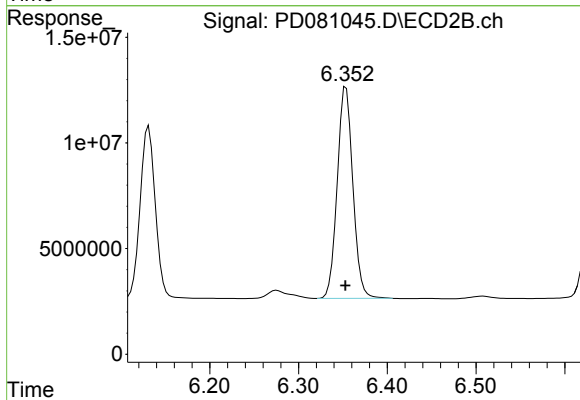
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 79855432
Conc: 42.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

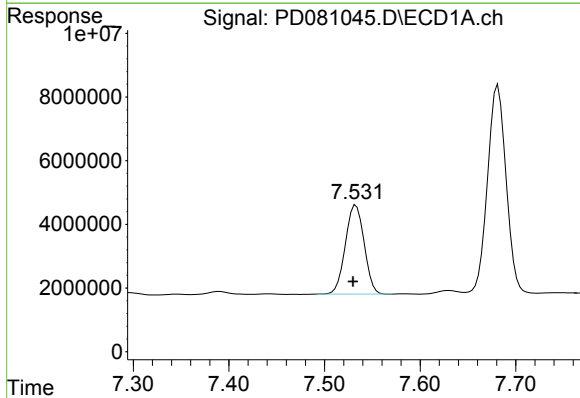
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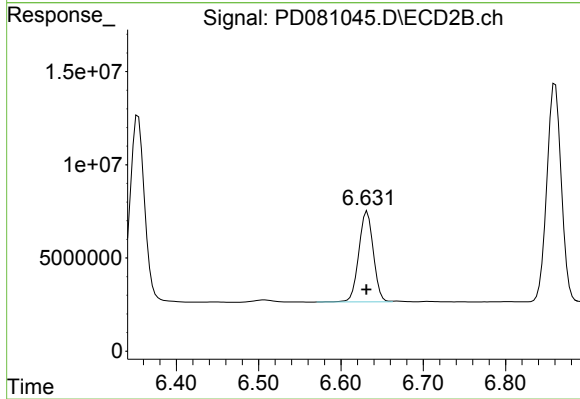
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 122639725
Conc: 43.97 ng/ml



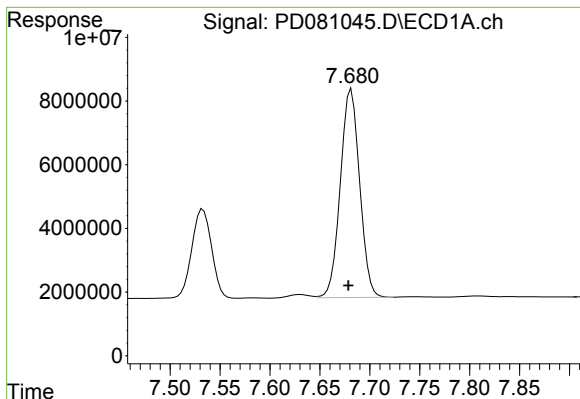
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 38375661
Conc: 37.28 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.001 min
Response: 59668047
Conc: 38.12 ng/ml



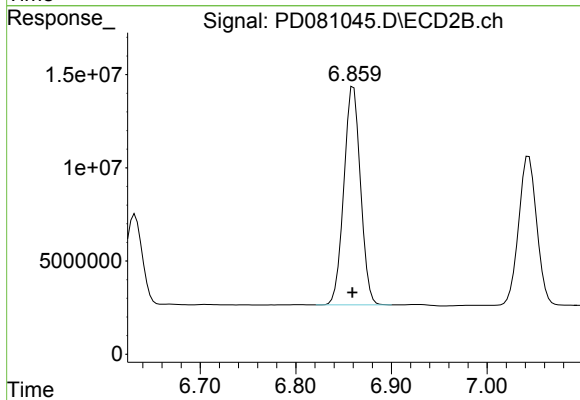
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.003 min
Response: 88082245
Conc: 42.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

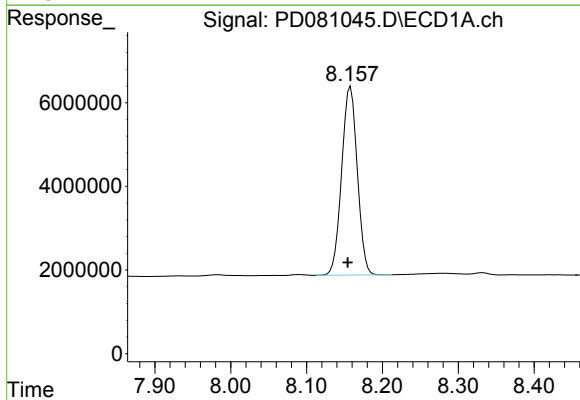
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2024
Supervised By :Ankita Jodhani 02/05/2024



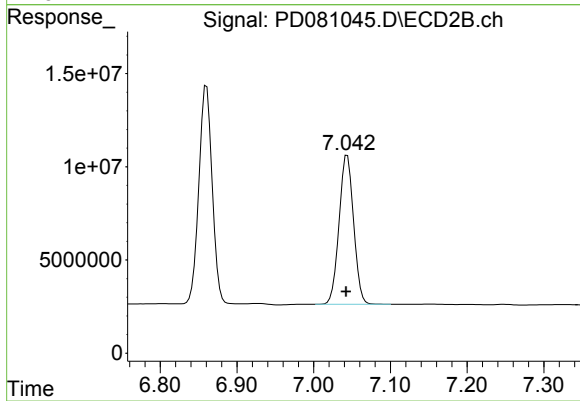
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.001 min
Response: 142175901
Conc: 44.06 ng/ml



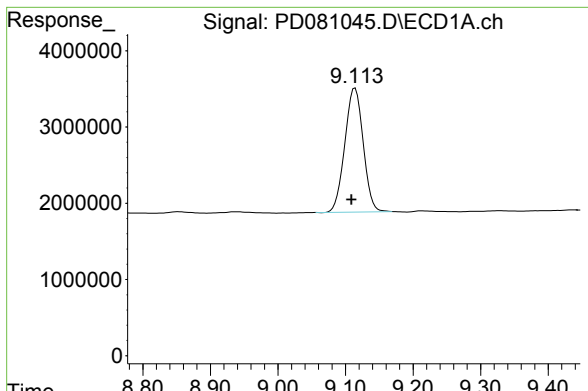
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 64564118
Conc: 39.14 ng/ml



#22 Mirex

R.T.: 7.044 min
Delta R.T.: 0.002 min
Response: 105306837
Conc: 41.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.005 min
Response: 30644964
Conc: 15.23 ng/ml

Instrument :

ECD_D

ClientSampleId :

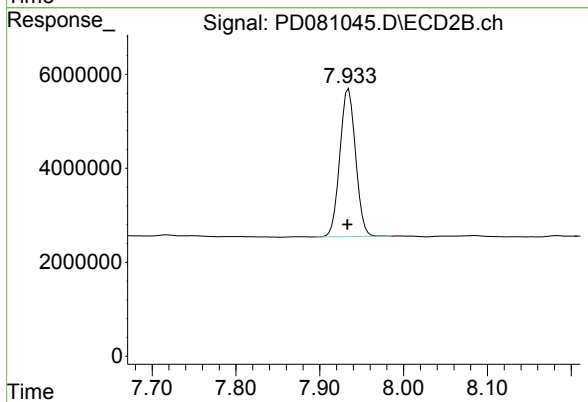
TP-1MSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.002 min
Response: 40990263
Conc: 15.39 ng/ml