

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120723\
 Data File : PD080011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Dec 2023 14:30
 Operator : AR\AJ
 Sample : 05659-01MS 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SU-04-120623

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :Ankita Jodhani 12/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 20:47:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 2023
 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...	3.567	2.801	2892115	4903826	1.919	1.951
28)	SA Decachlor...	9.113	7.943	3677567	4871428	1.817	1.728
Target Compounds							
2)	A alpha-BHC	4.024	3.303	12624980	19069048	5.026	4.987
3)	MA gamma-BHC...	4.358	3.632	11932618	18687541	5.037	5.142
4)	MA Heptachlor	4.949	3.974	13518099	19025011	5.497m	5.426
5)	MB Aldrin	5.293	4.255	12504780	19500741	5.266	5.478
6)	B beta-BHC	4.551	3.927	5959115	8648671	5.955	5.602
7)	B delta-BHC	4.800	4.158	12820058	18836999	5.235	5.002
8)	B Heptachlo...	5.720	4.756	12607098	17365608	5.723	5.295
9)	A Endosulfan I	6.107	5.127	11416145	16646982	5.552	5.514
10)	B gamma-Chl...	5.976	5.006	11871121	17432865	5.453	5.408
11)	B alpha-Chl...	6.056	5.071	11875860	17478869	5.505	5.439
12)	B 4,4'-DDE	6.227	5.259	10361086	15584033	5.167	5.170
13)	MA Dieldrin	6.382	5.391	11366873	16761274	5.210	5.119
14)	MA Endrin	6.613	5.666	9650978	15202375	5.322	5.410
15)	B Endosulfa...	6.830	5.959	10310266	14284648	5.412	5.235
16)	A 4,4'-DDD	6.744	5.813	8630740	13710166	5.152	5.324
17)	MA 4,4'-DDT	7.058	6.065	8907304	12150117	5.007	4.782
18)	B Endrin al...	6.961	6.138	7756205	11070520	5.414	5.393
19)	B Endosulfa...	7.194	6.360	10386664	14226459	5.478	5.306
20)	A Methoxychlor	7.533	6.639	5387232	7539097	5.450	5.156
21)	B Endrin ke...	7.681	6.867	11223151	15697357	5.420	5.023
22)	Mirex	8.158	7.051	9219990	12811652	5.636	5.294

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120723\
Data File : PD080011.D
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Acq On : 07 Dec 2023 14:30
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SU-04-120623

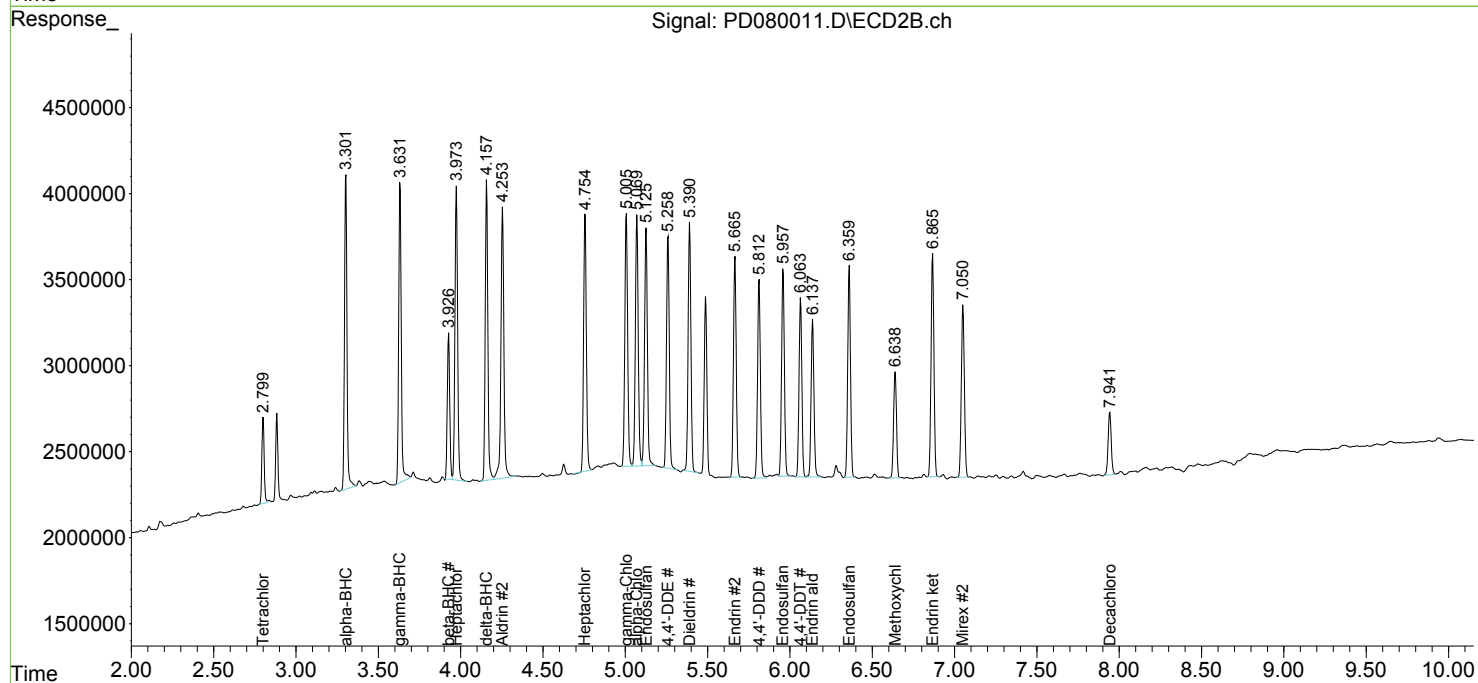
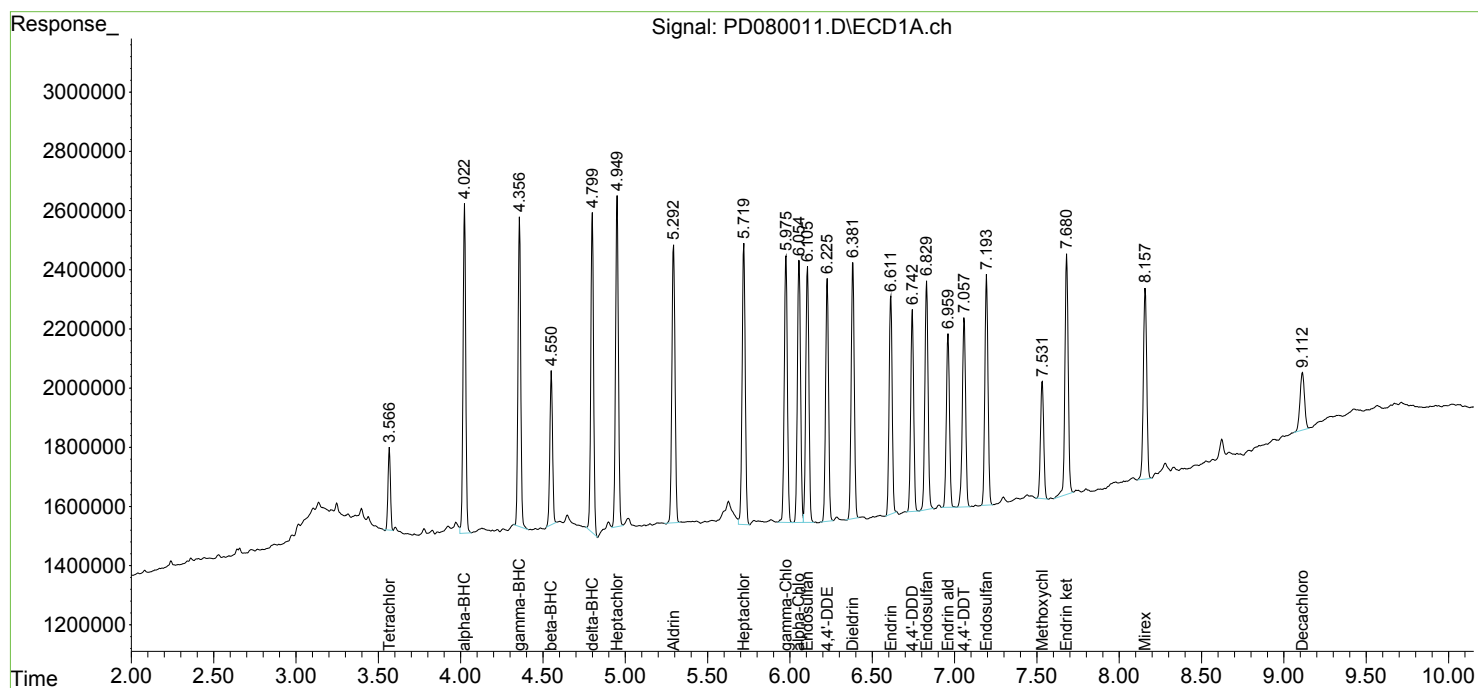
Manual Integrations

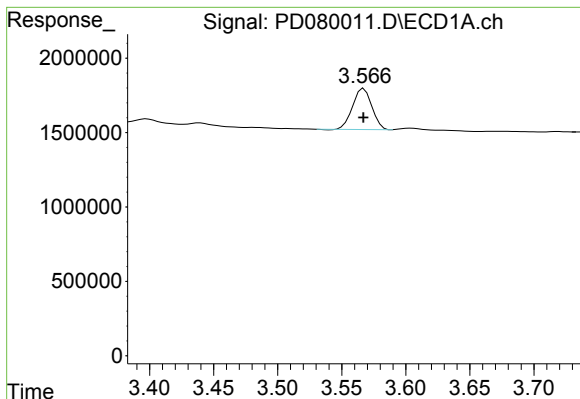
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Supervised By :Ankita Jodhani 12/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 20:47:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 2023
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Volume Inj. : 1 µl
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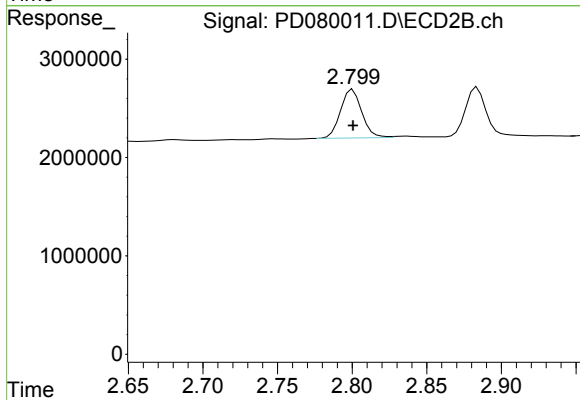
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 2892115
Conc: 1.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

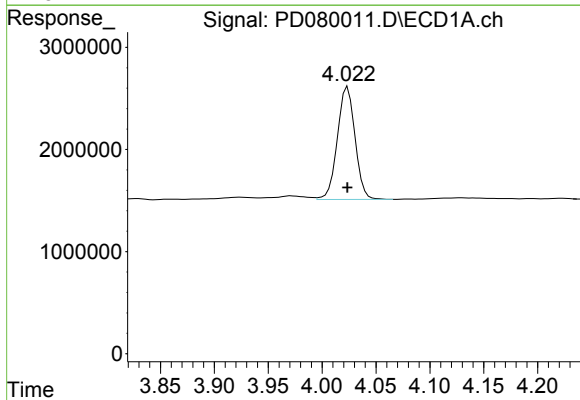
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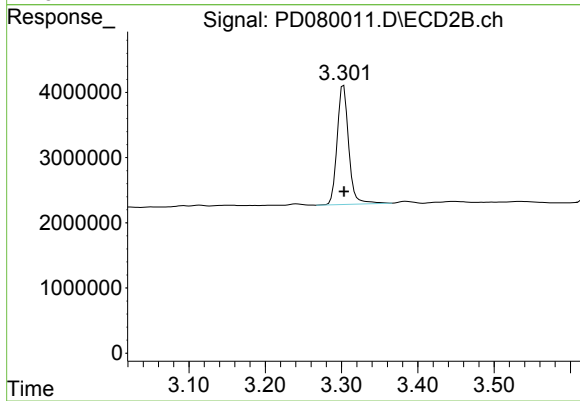
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 4903826
Conc: 1.95 ng/ml



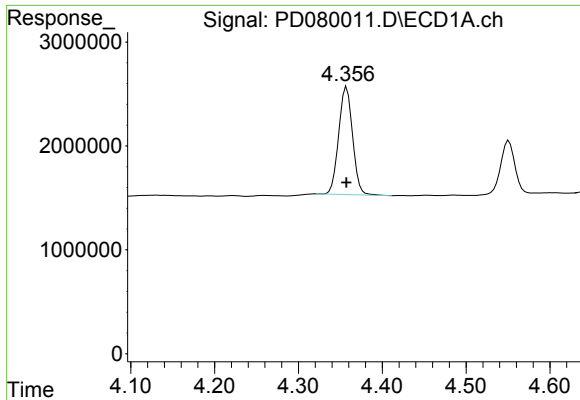
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 12624980
Conc: 5.03 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 19069048
Conc: 4.99 ng/ml



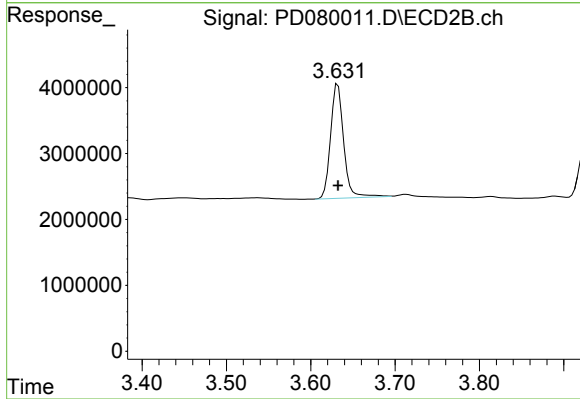
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 11932618
Conc: 5.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

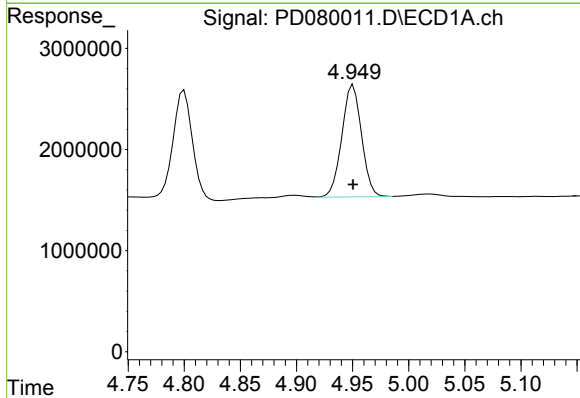
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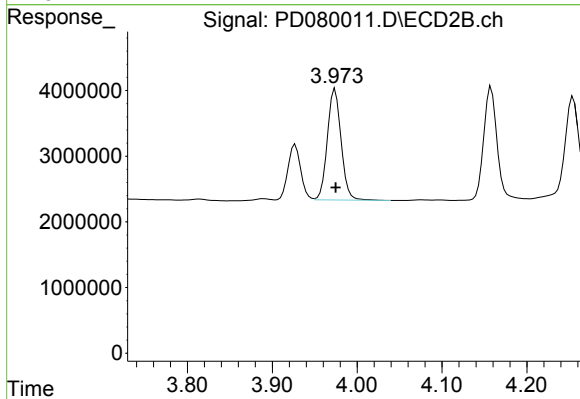
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 18687541
Conc: 5.14 ng/ml



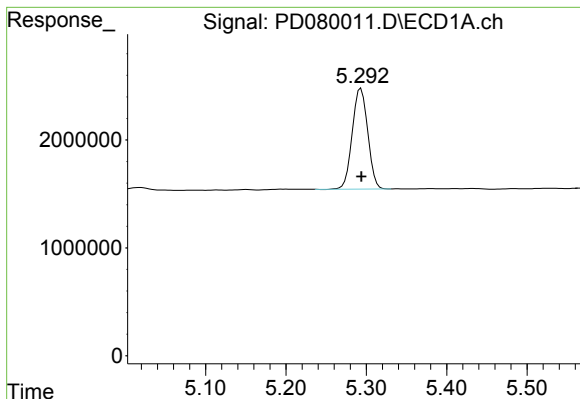
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 13518099
Conc: 5.50 ng/ml m



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 19025011
Conc: 5.43 ng/ml



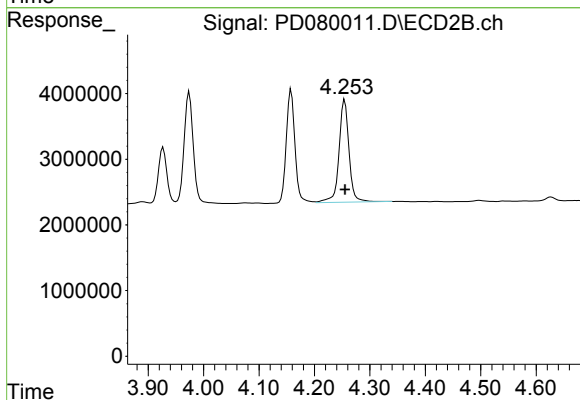
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 12504780
Conc: 5.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

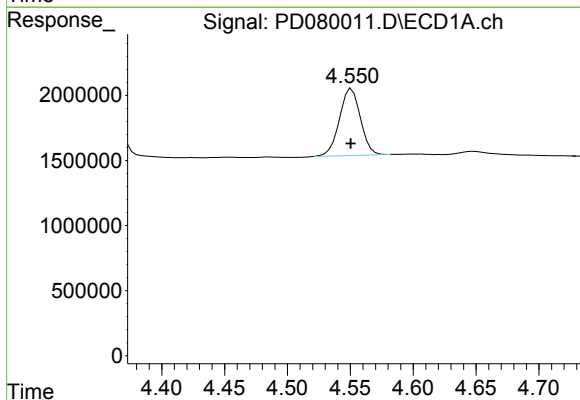
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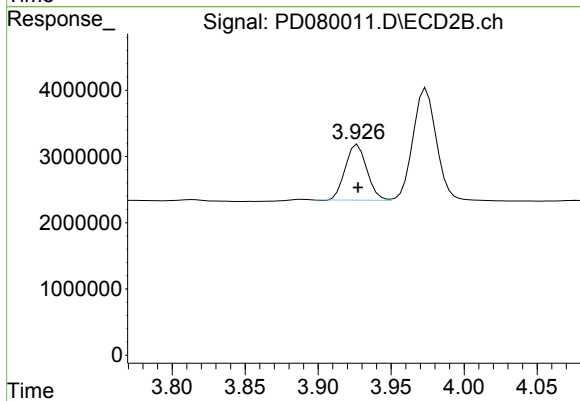
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 19500741
Conc: 5.48 ng/ml



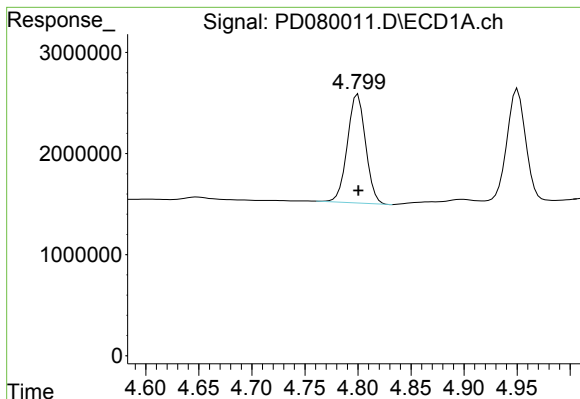
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 5959115
Conc: 5.95 ng/ml



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 8648671
Conc: 5.60 ng/ml



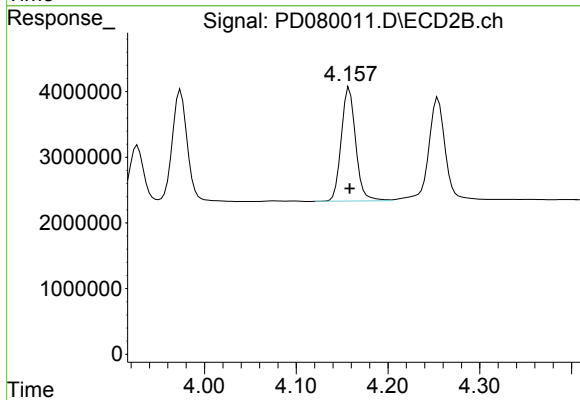
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 12820058
Conc: 5.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

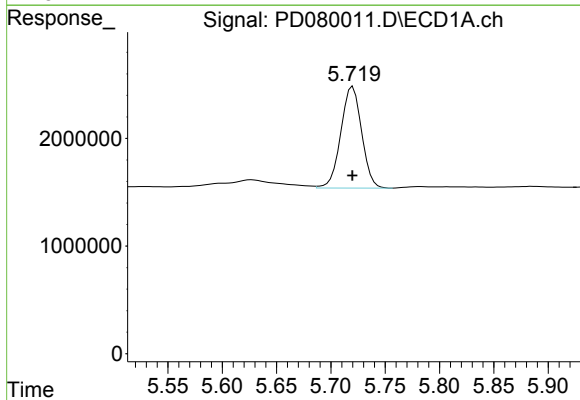
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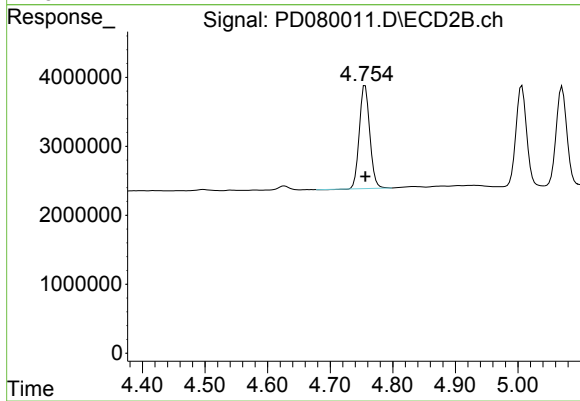
#7 delta-BHC

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 18836999
Conc: 5.00 ng/ml



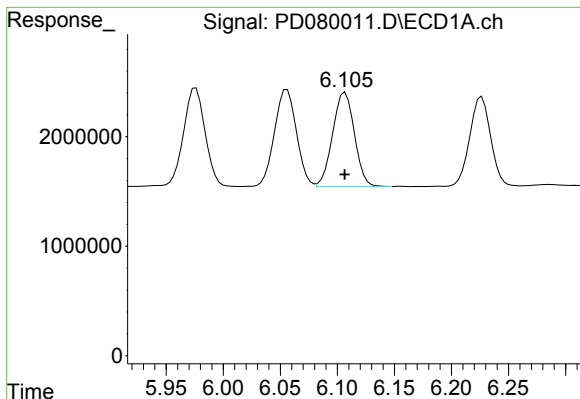
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 12607098
Conc: 5.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 17365608
Conc: 5.30 ng/ml



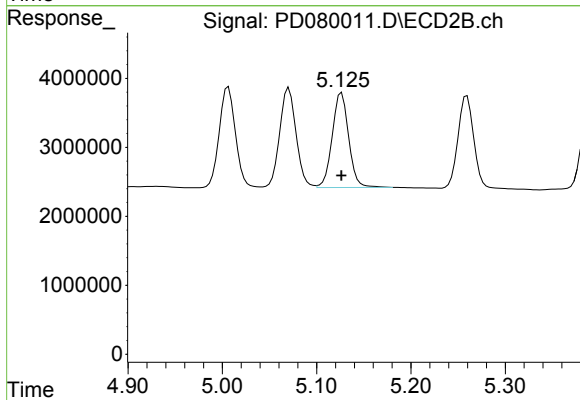
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 11416145
Conc: 5.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

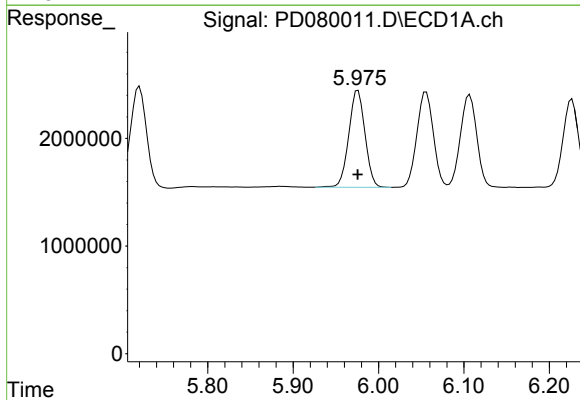
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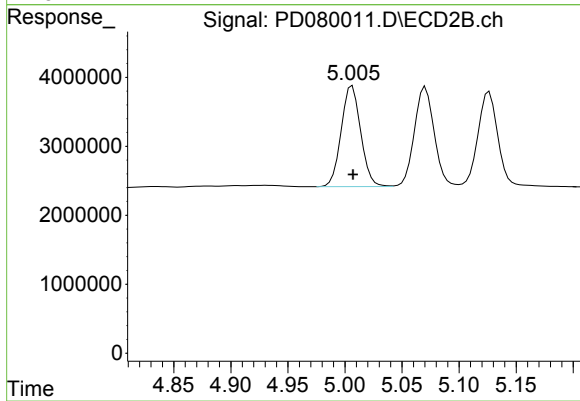
#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 16646982
Conc: 5.51 ng/ml



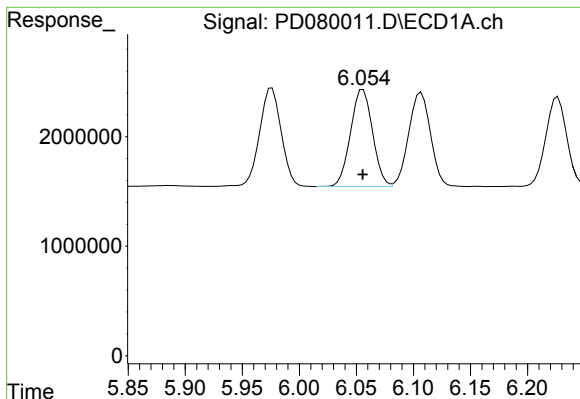
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 11871121
Conc: 5.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 17432865
Conc: 5.41 ng/ml



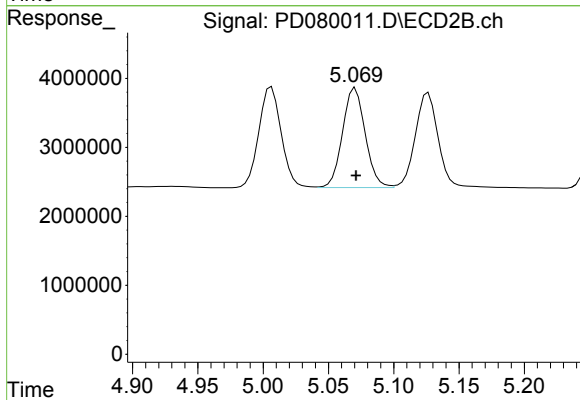
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 11875860
Conc: 5.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

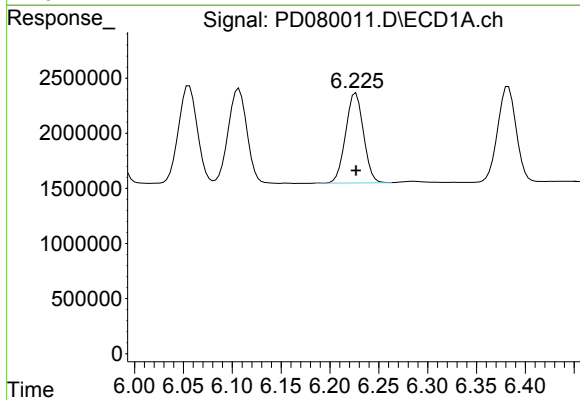
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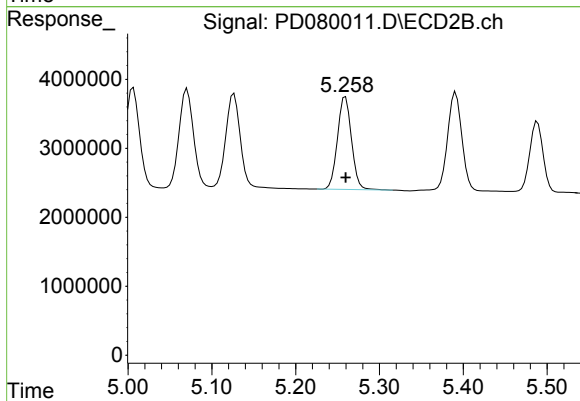
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 17478869
Conc: 5.44 ng/ml



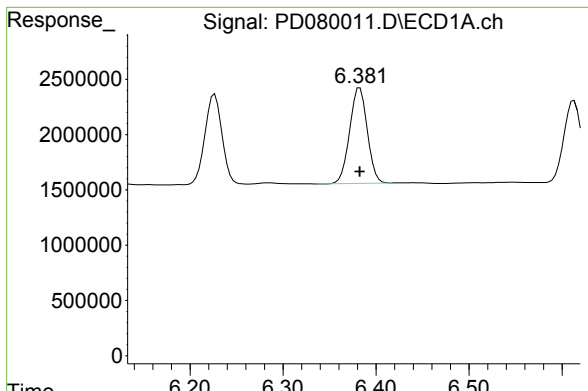
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 10361086
Conc: 5.17 ng/ml



#12 4,4'-DDE

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 15584033
Conc: 5.17 ng/ml



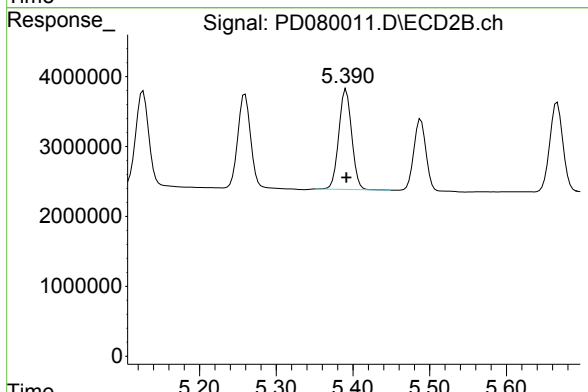
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 11366873
Conc: 5.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

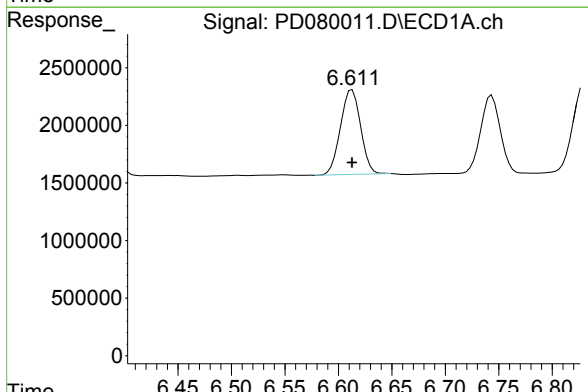
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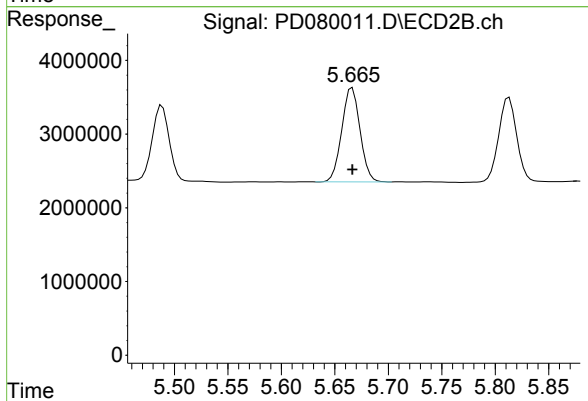
#13 Dieldrin

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 16761274
Conc: 5.12 ng/ml



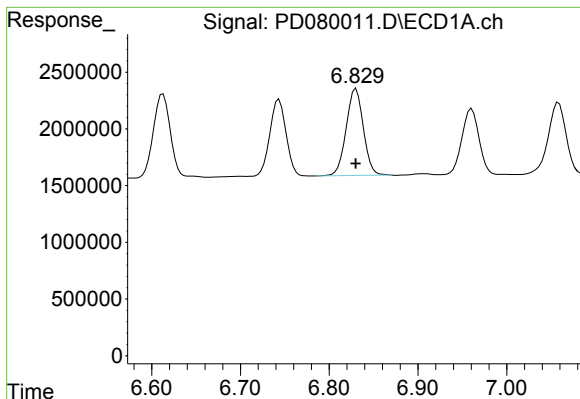
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 9650978
Conc: 5.32 ng/ml



#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 15202375
Conc: 5.41 ng/ml



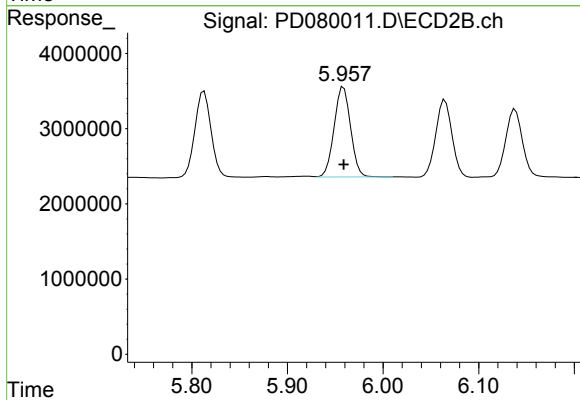
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 10310266
Conc: 5.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

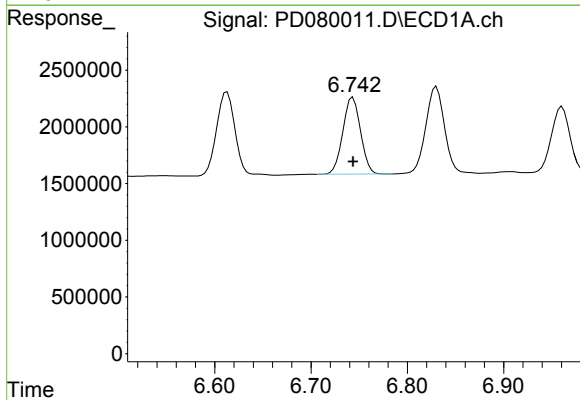
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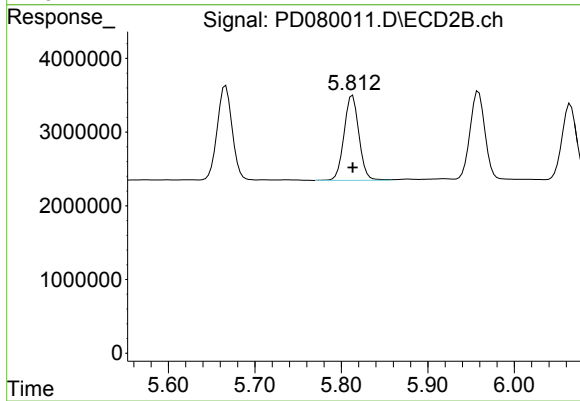
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 14284648
Conc: 5.24 ng/ml



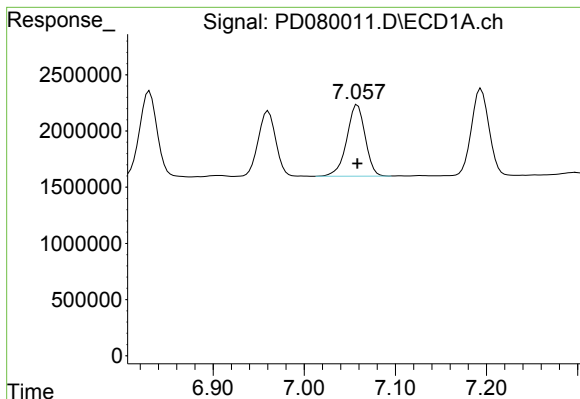
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 8630740
Conc: 5.15 ng/ml



#16 4,4'-DDD

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 13710166
Conc: 5.32 ng/ml



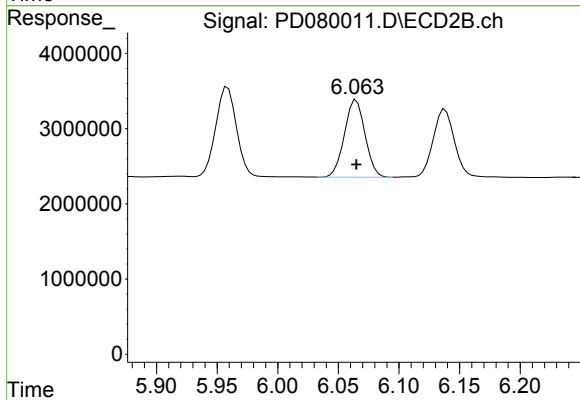
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 8907304
Conc: 5.01 ng/ml

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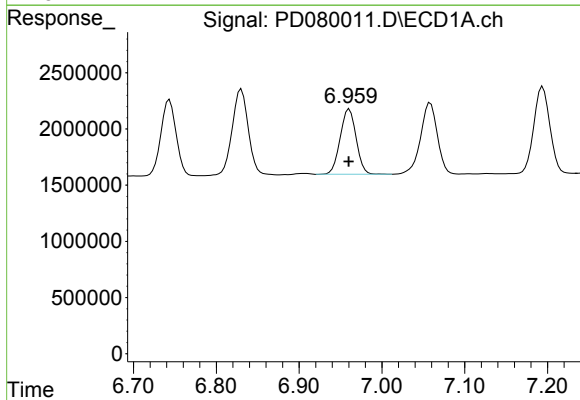
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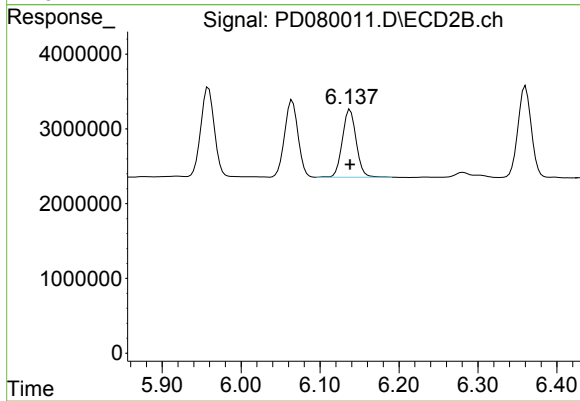
#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 12150117
Conc: 4.78 ng/ml



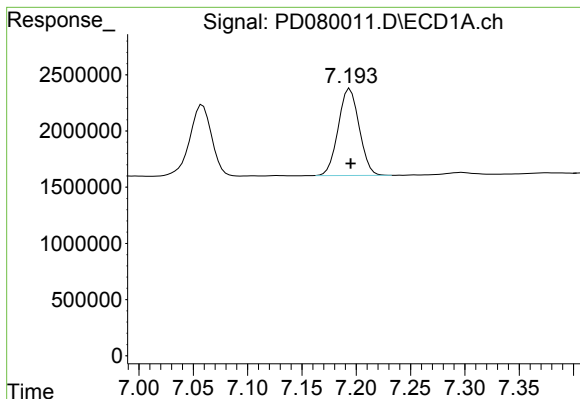
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 7756205
Conc: 5.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 11070520
Conc: 5.39 ng/ml



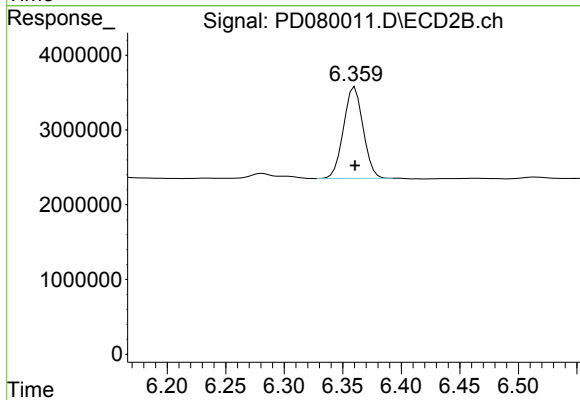
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 10386664
Conc: 5.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

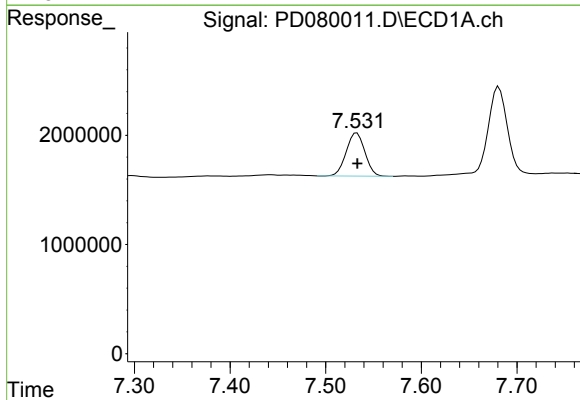
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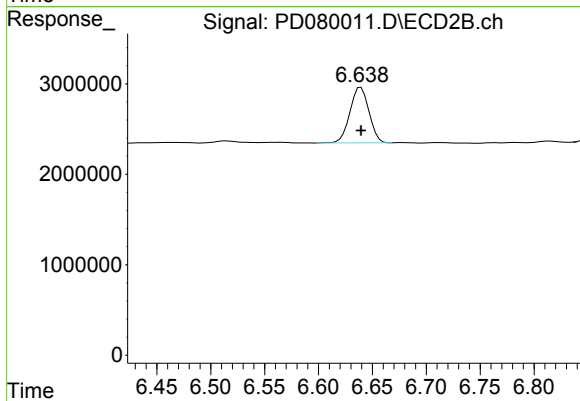
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 14226459
Conc: 5.31 ng/ml



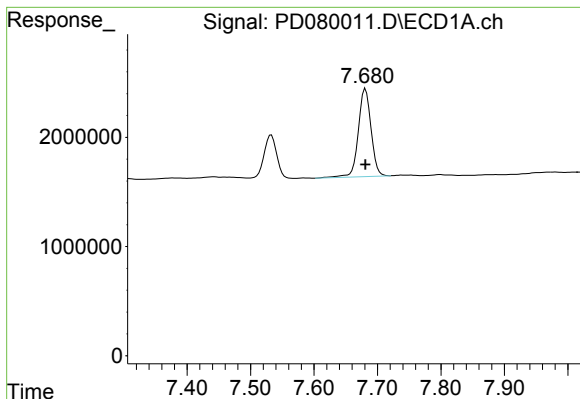
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 5387232
Conc: 5.45 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 7539097
Conc: 5.16 ng/ml



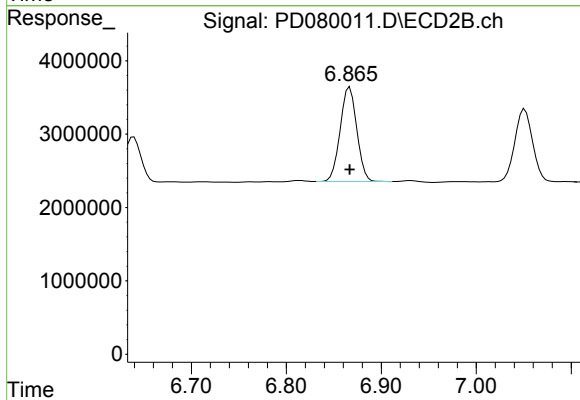
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 11223151
Conc: 5.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

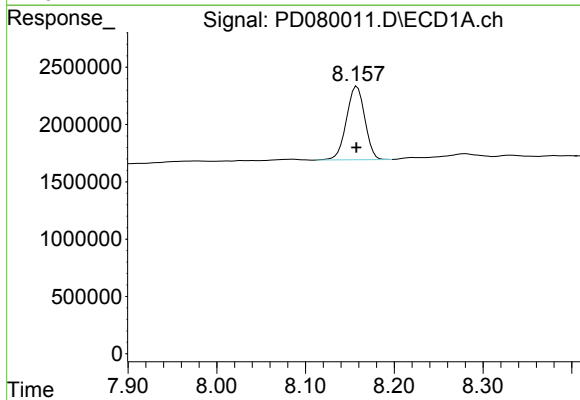
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



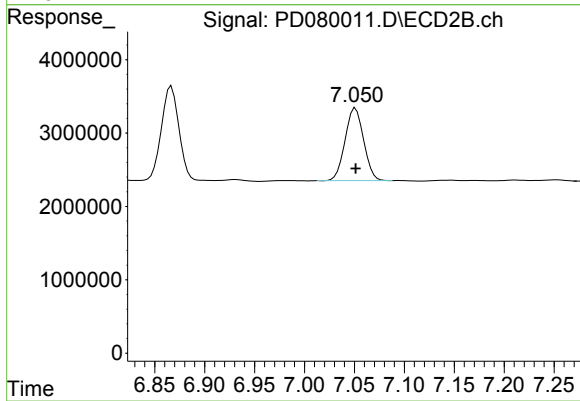
#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 15697357
Conc: 5.02 ng/ml



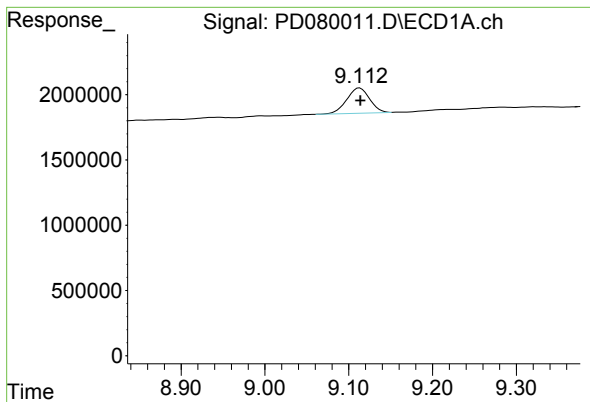
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 9219990
Conc: 5.64 ng/ml



#22 Mirex

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 12811652
Conc: 5.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 3677567
Conc: 1.82 ng/ml

Instrument :

ECD_D

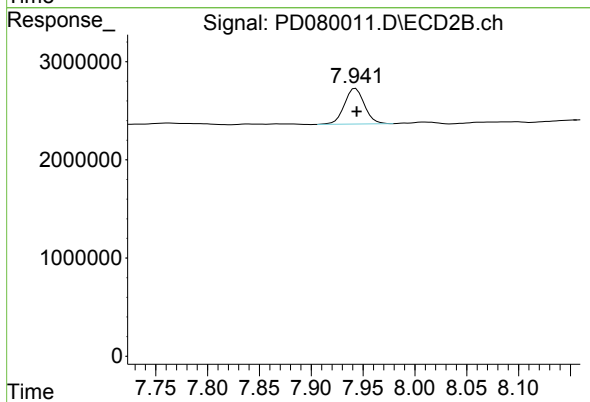
ClientSampleId :

SU-04-120623

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 4871428
Conc: 1.73 ng/ml