

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080922\
 Data File : PD071465.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 15:25
 Operator : AR\AJ
 Sample : PB146777BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB146777BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2022
 Supervised By :Ankita Jodhani 08/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 00:16:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 03:39:07 2022
 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...	2.815	3.572	45511061	557.0E6	16.048	19.789
28)	SA Decachlor...	8.015	9.103	49388605	207.2E6	17.807	20.016
Target Compounds							
2)	A alpha-BHC	3.325	4.039	39420648	448.3E6	9.401	12.076 #
3)	MA gamma-BHC...	3.659	4.375	38142306	361.2E6	9.535	12.063 #
4)	MA Heptachlor	4.007	4.953	40206242	280.4E6	9.479	13.263 #
5)	MB Aldrin	4.291	5.295	38805829	224.5E6	9.515	12.710 #
6)	B beta-BHC	3.958	4.580	17077624	150.0E6	9.997	12.662m#
7)	B delta-BHC	4.192	4.829	36439366	278.9E6	9.284	14.015 #
8)	B Heptachlo...	4.798	5.727	35843470	202.3E6	9.788	15.479 #
9)	A Endosulfan I	5.172	6.116	33768081	173.7E6	9.859	12.637 #
10)	B gamma-Chl...	5.051	5.982	36574608	185.1E6	9.626	12.602 #
11)	B alpha-Chl...	5.116	6.059	36498624	183.0E6	9.823	12.618 #
12)	B 4,4'-DDE	5.307	6.232	32641320	176.5E6	9.537	12.346 #
13)	MA Dieldrin	5.439	6.393	35054482	183.7E6	9.678	12.504 #
14)	MA Endrin	5.717	6.625	31449141	146.3E6	9.933	11.699
15)	B Endosulfa...	6.012	6.850	29006048	149.6E6	9.652	12.063
16)	A 4,4'-DDD	5.865	6.756	28475722	153.7E6	9.989	12.924 #
17)	MA 4,4'-DDT	6.120	7.067	27652094	149.1E6	9.368	11.430
18)	B Endrin al...	6.193	6.982	23878712	117.9E6	10.831	12.170
19)	B Endosulfa...	6.418	7.214	30363784	143.9E6	10.558	12.066
20)	A Methoxychlor	6.700	7.543	17918136	86932650	10.863	12.612
21)	B Endrin ke...	6.929	7.707	35350061	162.3E6	10.852	12.091
22)	Mirex	7.116	8.169	27850067	108.9E6	11.375	12.663

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080922\
Data File : PD071465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2022 15:25
Operator : AR\AJ
Sample : PB146777BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

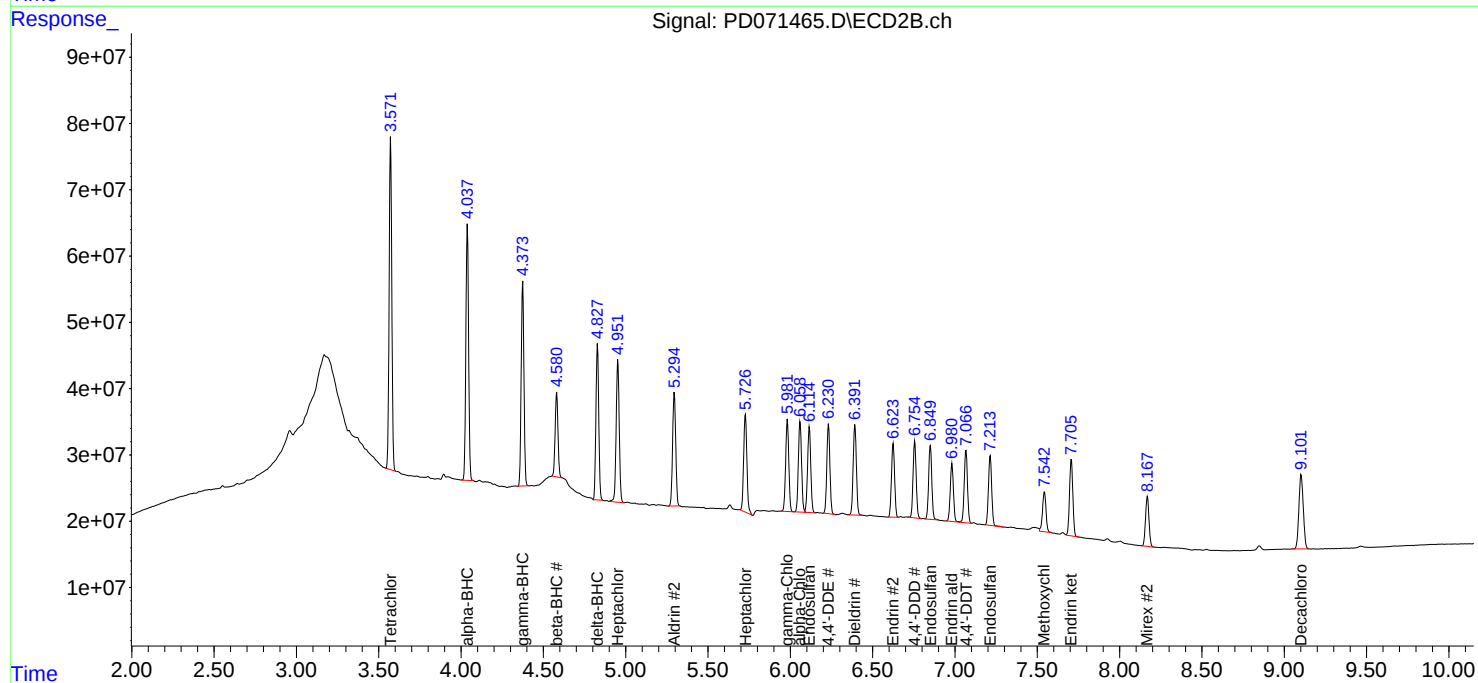
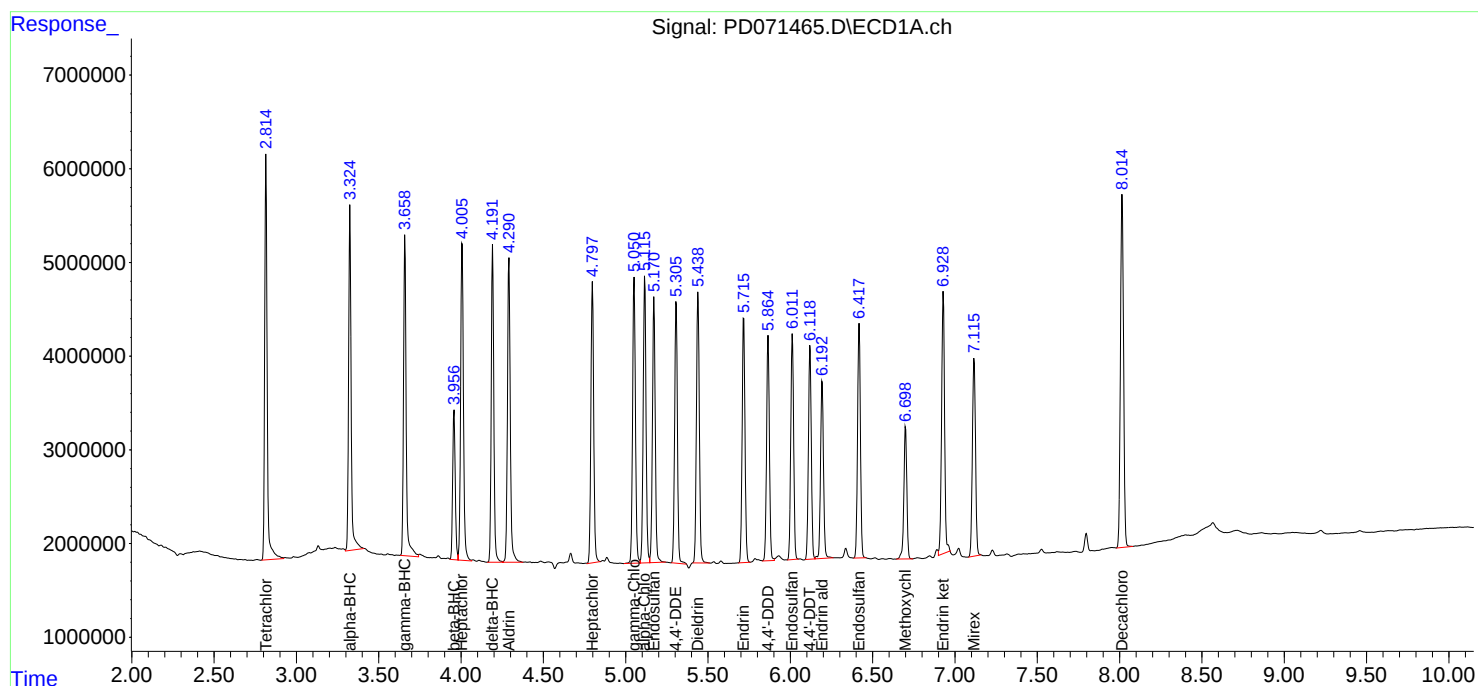
Instrument :
ECD_D
ClientSampleId :
PB146777BSD

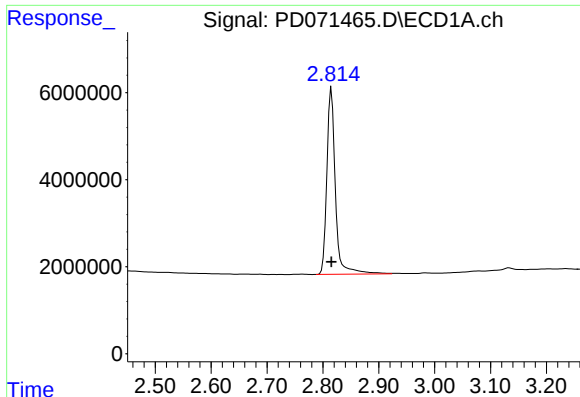
Manual Integrations
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Supervised By :Ankita Jodhani 08/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 00:16:36 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 03:39:07 2022
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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





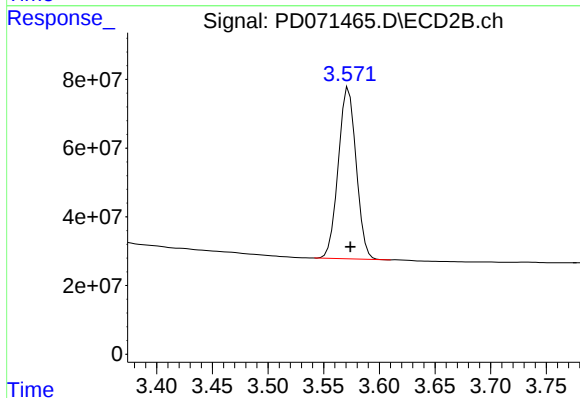
#1 Tetrachloro-m-xylene

R.T.: 2.815 min
Delta R.T.: 0.000 min
Response: 45511061
Conc: 16.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146777BSD

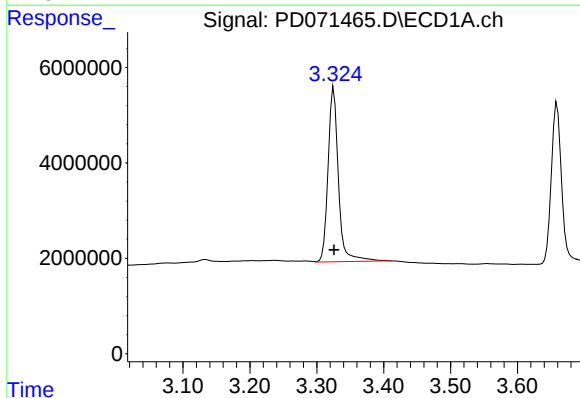
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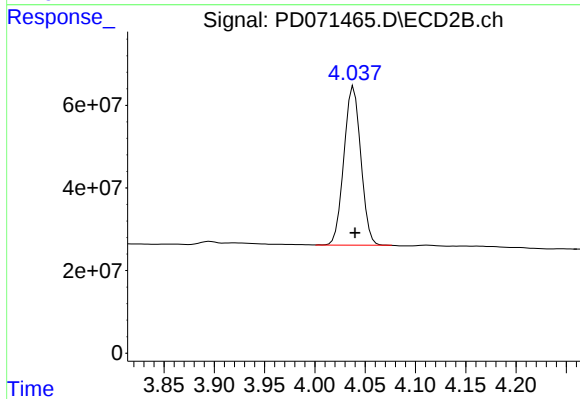
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.001 min
Response: 557043741
Conc: 19.79 ng/ml



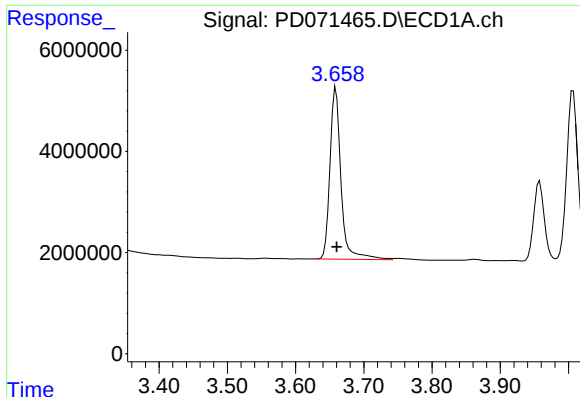
#2 alpha-BHC

R.T.: 3.325 min
Delta R.T.: 0.000 min
Response: 39420648
Conc: 9.40 ng/ml



#2 alpha-BHC

R.T.: 4.039 min
Delta R.T.: -0.002 min
Response: 448316019
Conc: 12.08 ng/ml



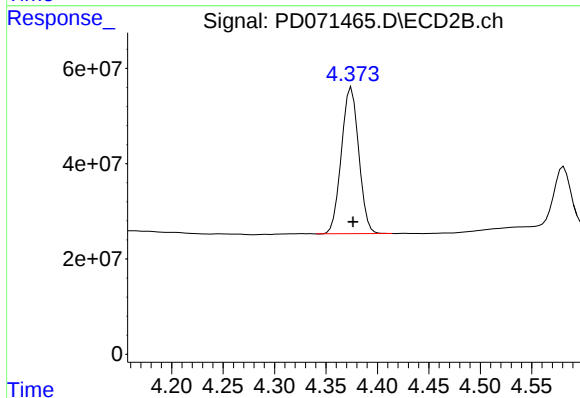
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 38142306
Conc: 9.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146777BSD

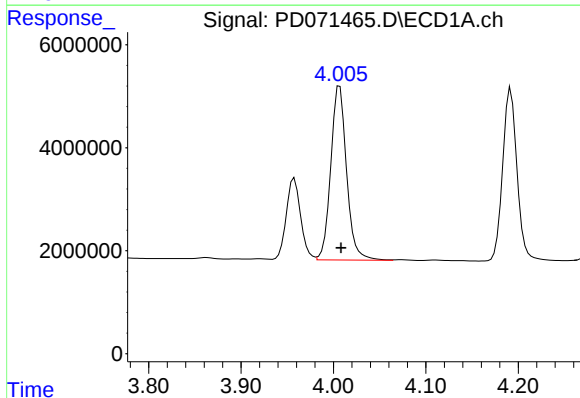
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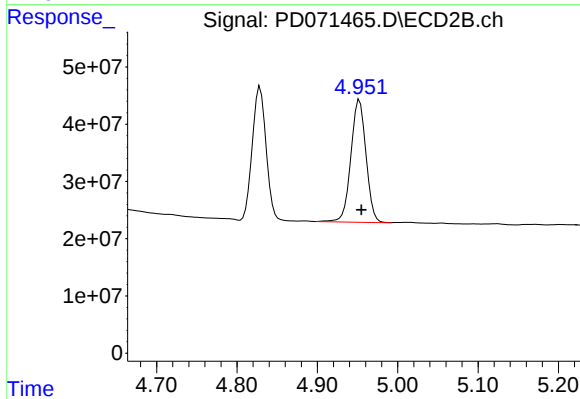
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 361186274
Conc: 12.06 ng/ml



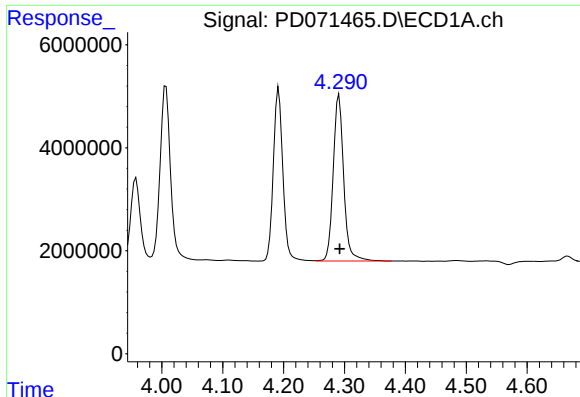
#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.002 min
Response: 40206242
Conc: 9.48 ng/ml



#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 280431997
Conc: 13.26 ng/ml



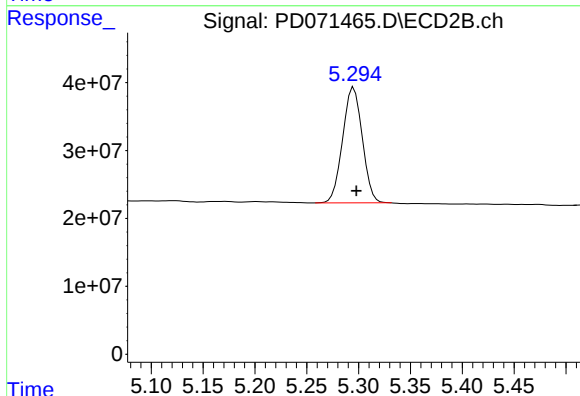
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: -0.001 min
Response: 38805829
Conc: 9.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146777BSD

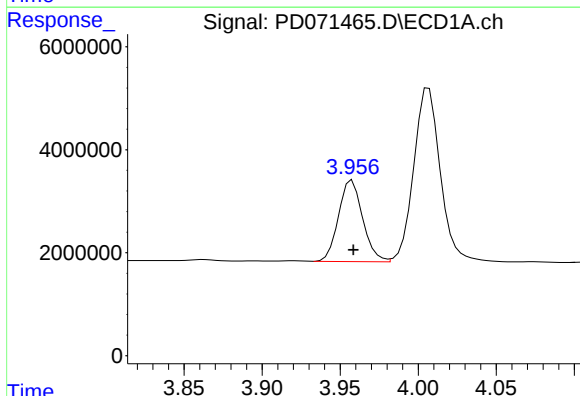
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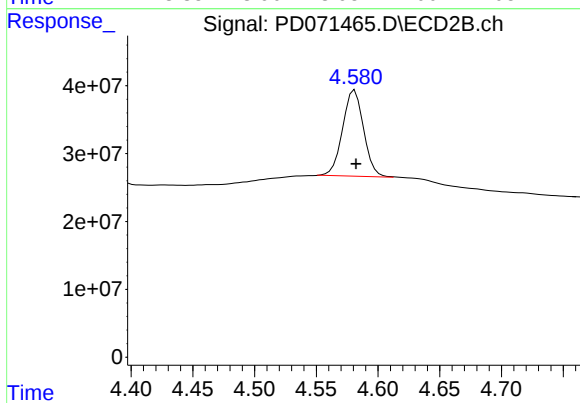
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 224463825
Conc: 12.71 ng/ml



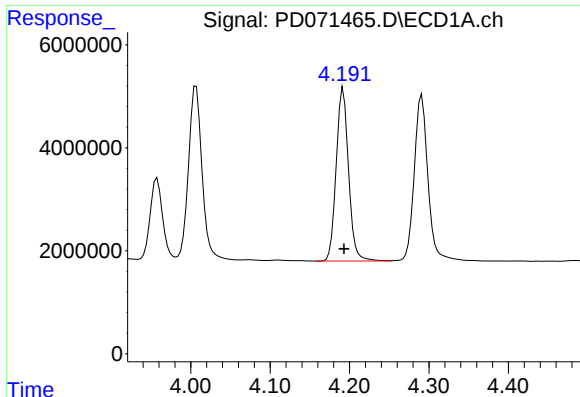
#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 17077624
Conc: 10.00 ng/ml



#6 beta-BHC

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 149977164
Conc: 12.66 ng/ml m



#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: 0.000 min
Response: 36439366
Conc: 9.28 ng/ml

Instrument :

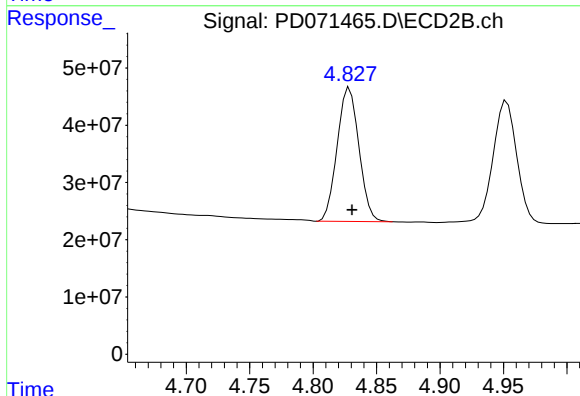
ECD_D

ClientSampleId :

PB146777BSD

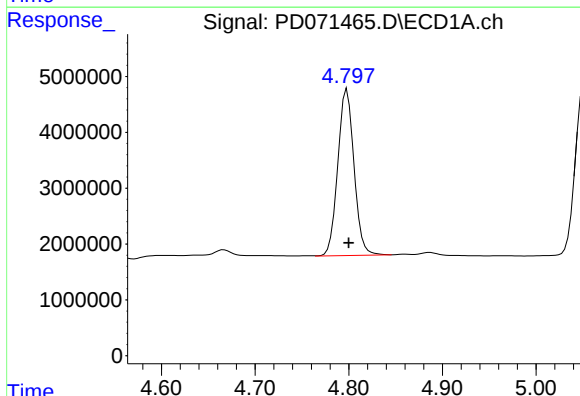
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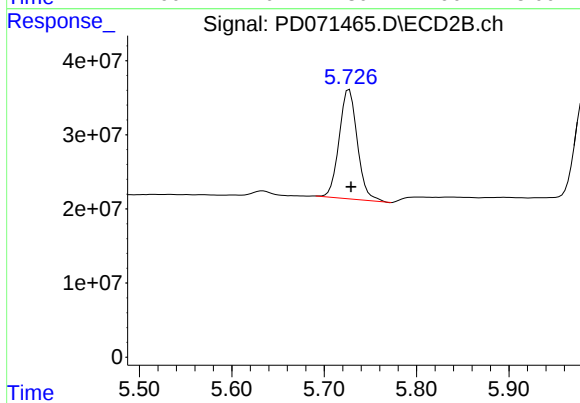
#7 delta-BHC

R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 278902175
Conc: 14.01 ng/ml



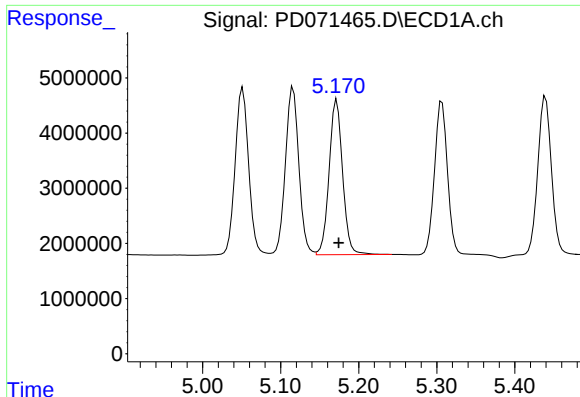
#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 35843470
Conc: 9.79 ng/ml



#8 Heptachlor epoxide

R.T.: 5.727 min
Delta R.T.: -0.002 min
Response: 202296116
Conc: 15.48 ng/ml



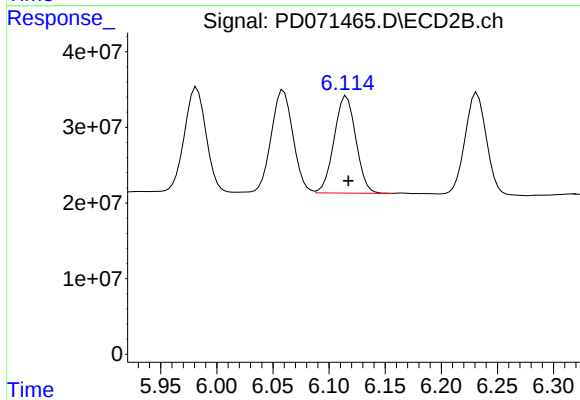
#9 Endosulfan I

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 33768081
Conc: 9.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146777BSD

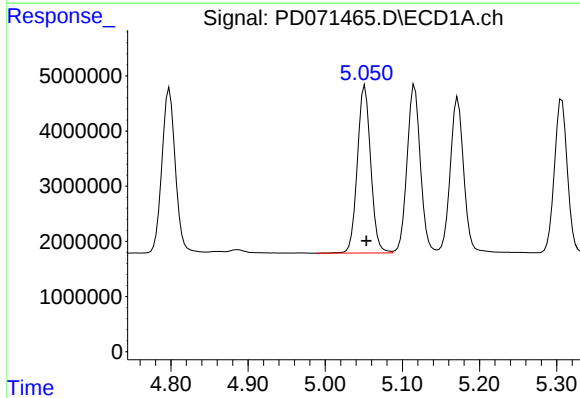
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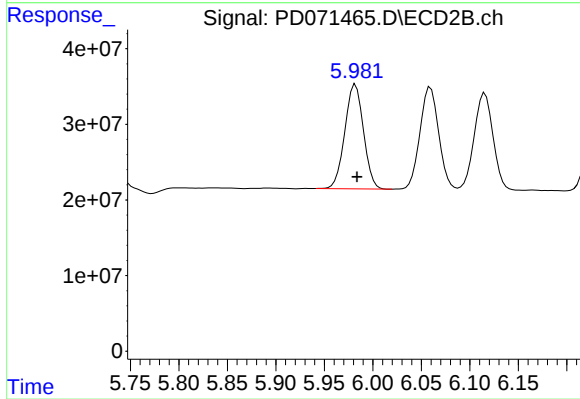
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: -0.002 min
Response: 173749753
Conc: 12.64 ng/ml



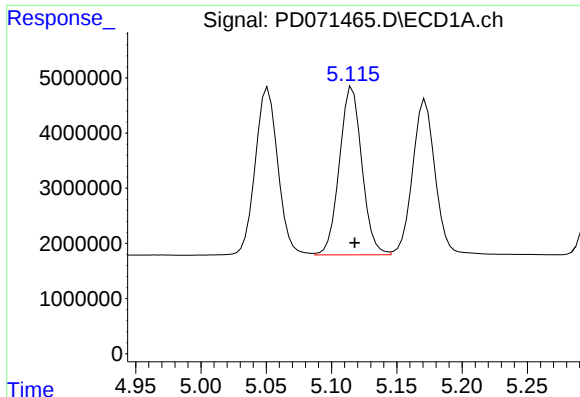
#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 36574608
Conc: 9.63 ng/ml



#10 gamma-Chlordane

R.T.: 5.982 min
Delta R.T.: -0.002 min
Response: 185071550
Conc: 12.60 ng/ml



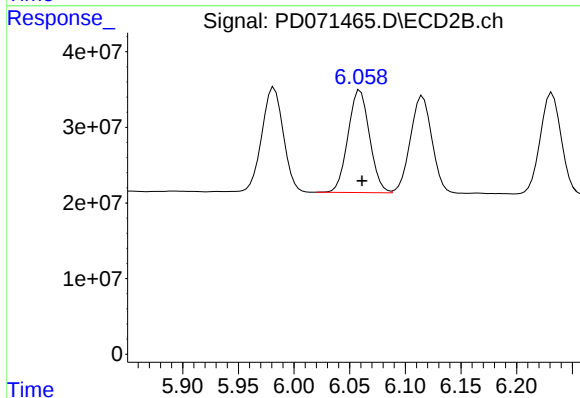
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 36498624
Conc: 9.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146777BSD

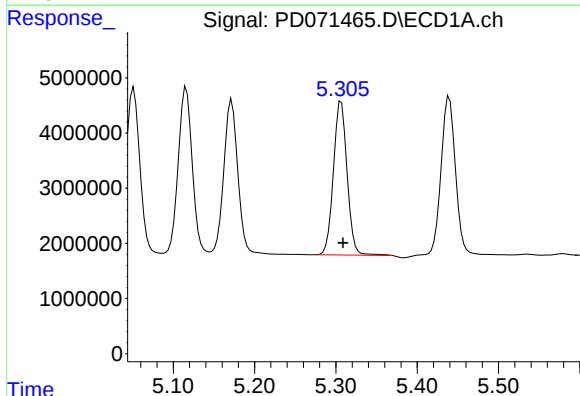
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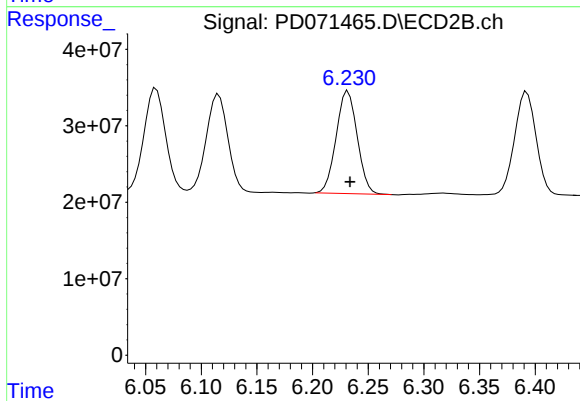
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 182970530
Conc: 12.62 ng/ml



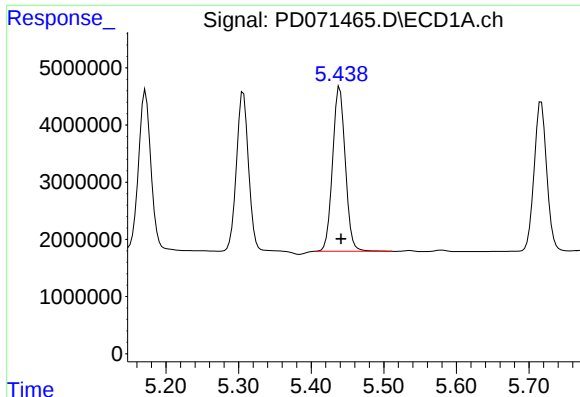
#12 4,4'-DDE

R.T.: 5.307 min
Delta R.T.: -0.002 min
Response: 32641320
Conc: 9.54 ng/ml



#12 4,4'-DDE

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 176480026
Conc: 12.35 ng/ml



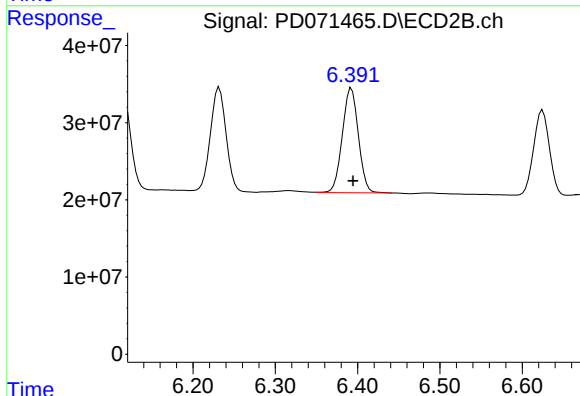
#13 Dieldrin

R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 35054482
Conc: 9.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146777BSD

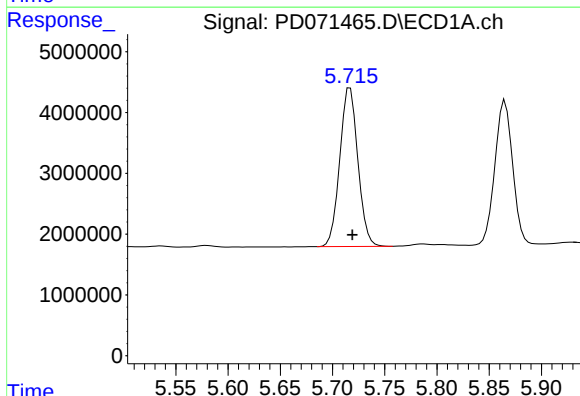
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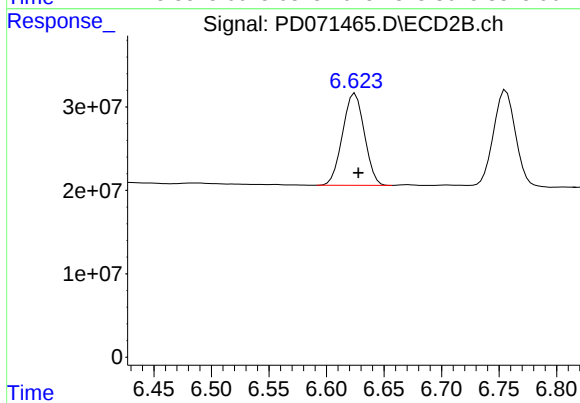
#13 Dieldrin

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 183739345
Conc: 12.50 ng/ml



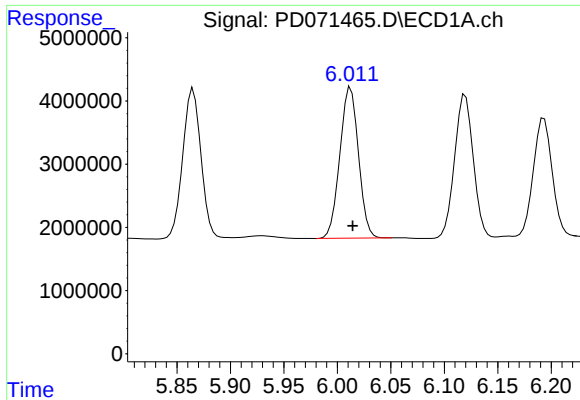
#14 Endrin

R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 31449141
Conc: 9.93 ng/ml



#14 Endrin

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 146334551
Conc: 11.70 ng/ml



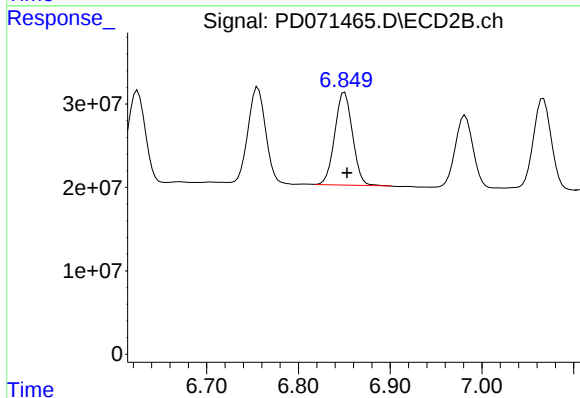
#15 Endosulfan II

R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 29006048
Conc: 9.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146777BSD

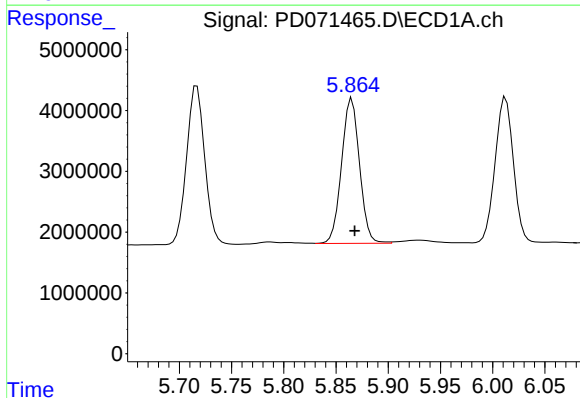
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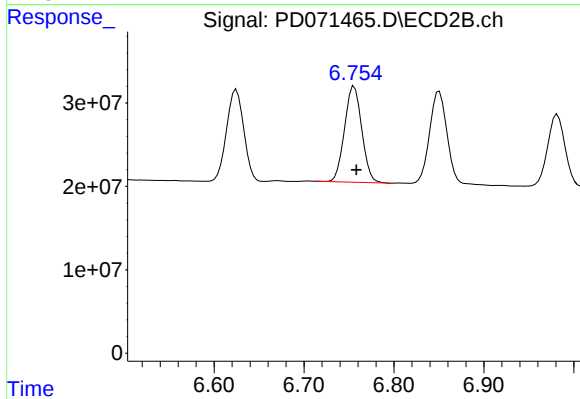
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 149567032
Conc: 12.06 ng/ml



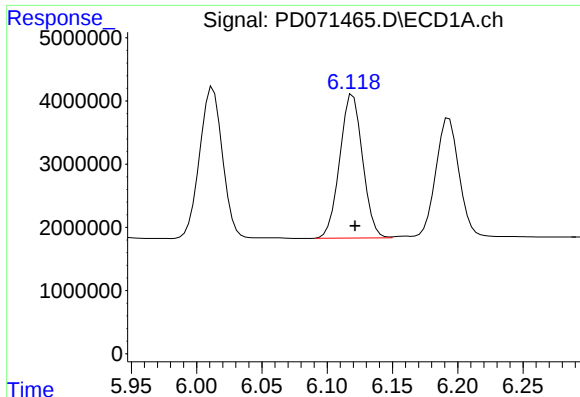
#16 4,4'-DDD

R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 28475722
Conc: 9.99 ng/ml



#16 4,4'-DDD

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 153719131
Conc: 12.92 ng/ml



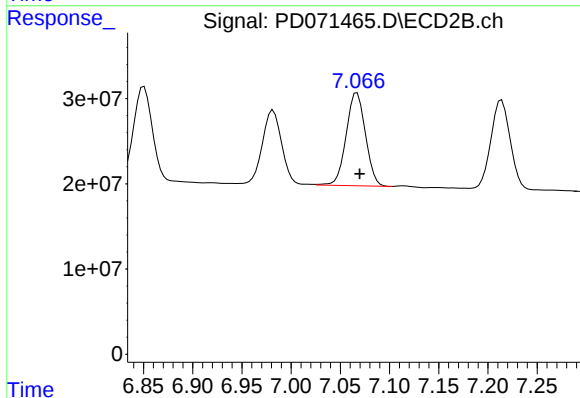
#17 4,4'-DDT

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 27652094
Conc: 9.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146777BSD

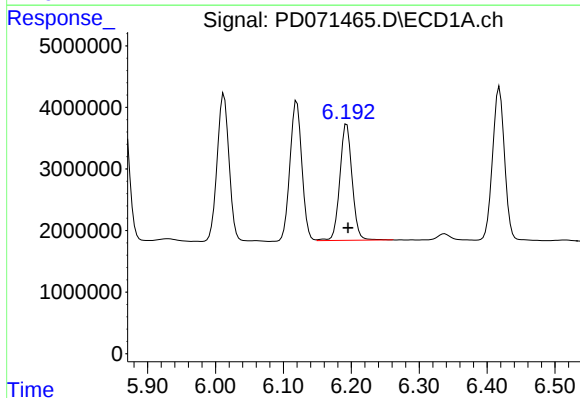
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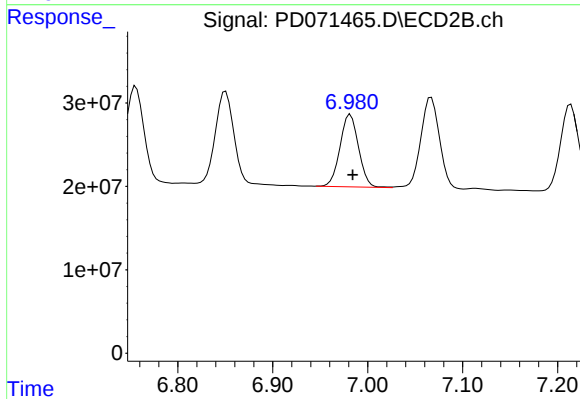
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 149077354
Conc: 11.43 ng/ml



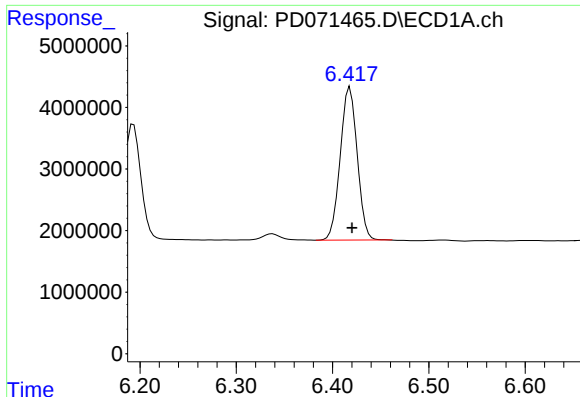
#18 Endrin aldehyde

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 23878712
Conc: 10.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 117906032
Conc: 12.17 ng/ml



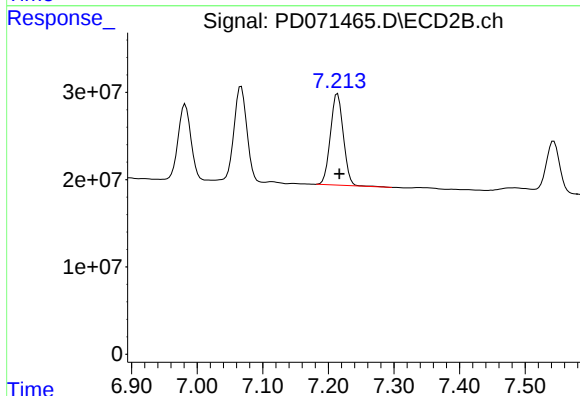
#19 Endosulfan Sulfate

R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 30363784
Conc: 10.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146777BSD

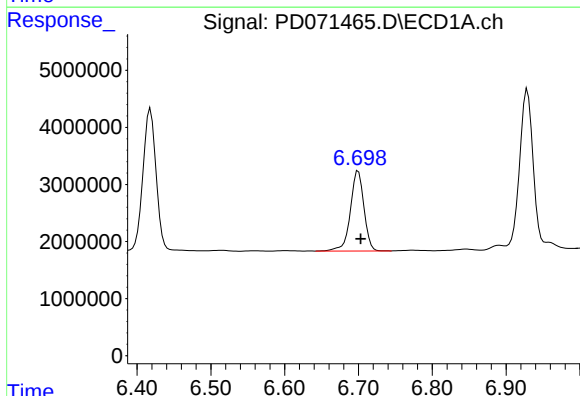
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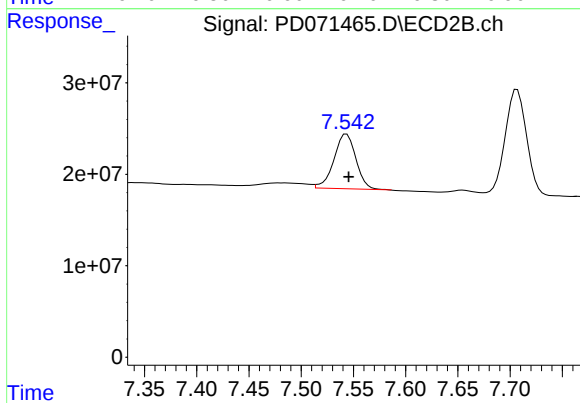
#19 Endosulfan Sulfate

R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 143901698
Conc: 12.07 ng/ml



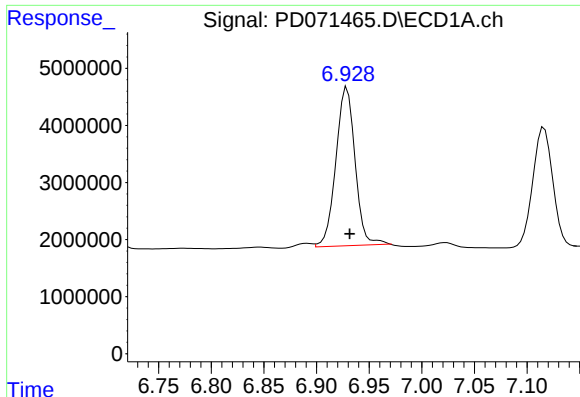
#20 Methoxychlor

R.T.: 6.700 min
Delta R.T.: -0.003 min
Response: 17918136
Conc: 10.86 ng/ml



#20 Methoxychlor

R.T.: 7.543 min
Delta R.T.: -0.002 min
Response: 86932650
Conc: 12.61 ng/ml



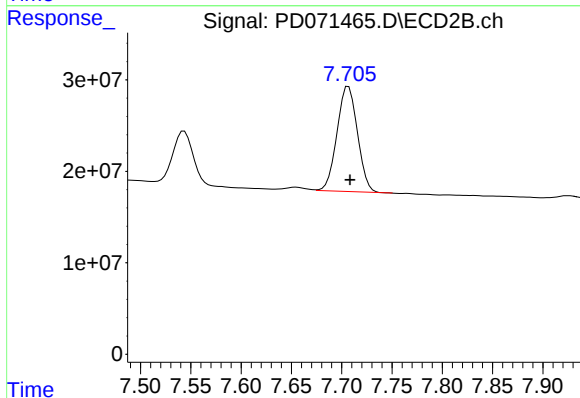
#21 Endrin ketone

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 35350061
Conc: 10.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146777BSD

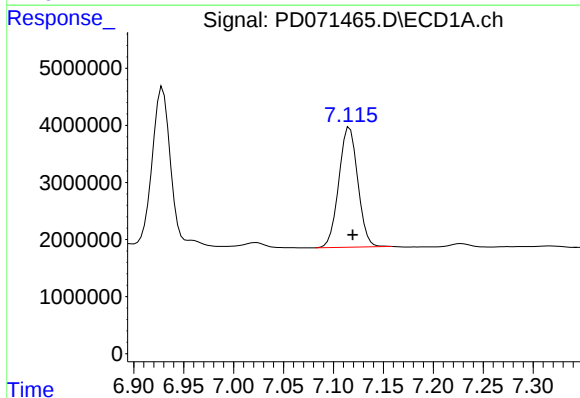
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



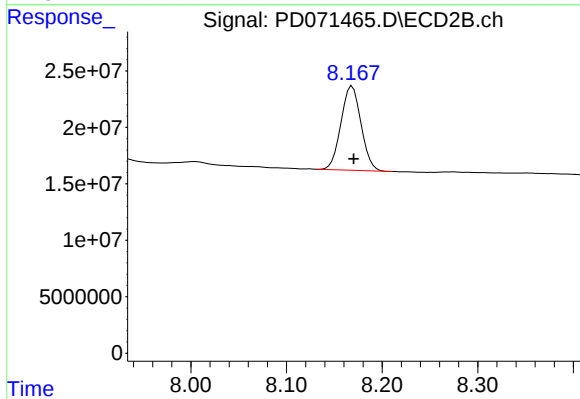
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: -0.002 min
Response: 162311956
Conc: 12.09 ng/ml



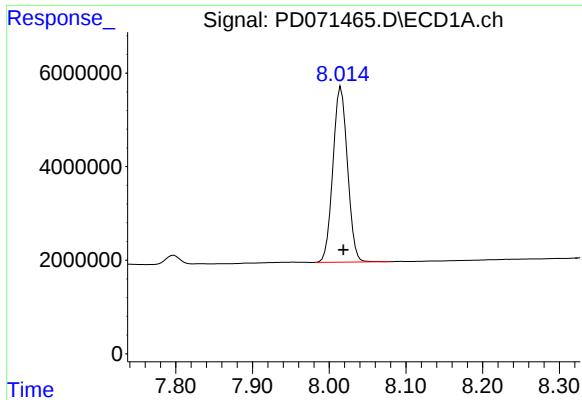
#22 Mirex

R.T.: 7.116 min
Delta R.T.: -0.003 min
Response: 27850067
Conc: 11.38 ng/ml



#22 Mirex

R.T.: 8.169 min
Delta R.T.: -0.002 min
Response: 108928124
Conc: 12.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.015 min
Delta R.T.: -0.003 min
Response: 49388605
Conc: 17.81 ng/ml

Instrument :

ECD_D

ClientSampleId :

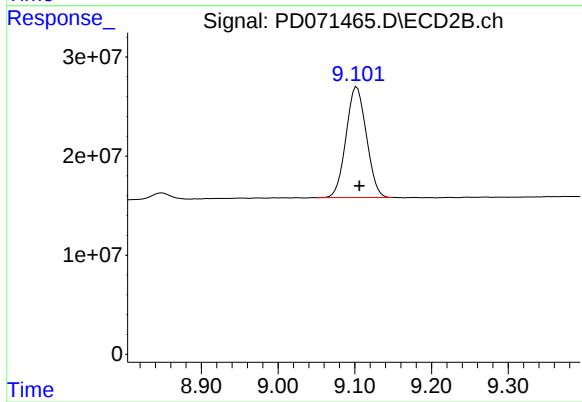
PB146777BSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.103 min
Delta R.T.: -0.003 min
Response: 207220646
Conc: 20.02 ng/ml