

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
 Data File : PD069767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2022 22:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2022
 Supervised By : Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 07:48:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 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...	3.444	4.172	45267102	446.4E6	45.173	46.727
28)	SA Decachlor...	8.196	9.366	45934037	276.3E6	42.585	46.097
Target Compounds							
2)	A alpha-BHC	3.883	4.568	69732407	672.5E6	46.692	48.213
3)	MA gamma-BHC...	4.166	4.858	70138110	590.9E6	47.505	46.138
4)	MA Heptachlor	4.464	5.385	61495089	557.6E6	43.908	44.894
5)	MB Aldrin	4.711	5.698	60310418	546.1E6	44.767	45.325
6)	B beta-BHC	4.417	5.022	28774514	272.4E6	44.176	48.522
7)	B delta-BHC	4.620	5.247	63761033	538.5E6	45.653	59.701 #
8)	B Heptachlo...	5.154	6.086	55345728	512.7E6	43.712	57.457 #
9)	A Endosulfan I	5.493	6.449	51985241	464.5E6	43.830	46.863
10)	B gamma-Chl...	5.380	6.322	55839971	488.5E6	43.656	45.640m
11)	B alpha-Chl...	5.439	6.398	55216185	490.2E6	43.635	46.706
12)	B 4,4'-DDE	5.605	6.548	52405704	450.0E6	45.279	45.333
13)	MA Dieldrin	5.736	6.707	56336458	464.5E6	45.571	45.374
14)	MA Endrin	5.994	6.927	46251808	332.3E6	41.627	40.887
15)	B Endosulfa...	6.268	7.131	45874610	368.0E6	43.858	44.734m
16)	A 4,4'-DDD	6.122	7.039	44726167	382.0E6	44.925	47.147
17)	MA 4,4'-DDT	6.361	7.342	41034641	373.7E6	42.742	45.436
18)	B Endrin al...	6.437	7.257	35627403	296.6E6	41.430	46.493
19)	B Endosulfa...	6.650	7.481	47954264	370.6E6	43.596	46.385
20)	A Methoxychlor	6.912	7.795	24133924	188.4E6	41.871	45.700
21)	B Endrin ke...	7.142	7.957	57895344	390.5E6	46.215	46.750
22)	Mirex	7.325	8.422	43062178	268.8E6	43.020	45.770

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
Data File : PD069767.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2022 22:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

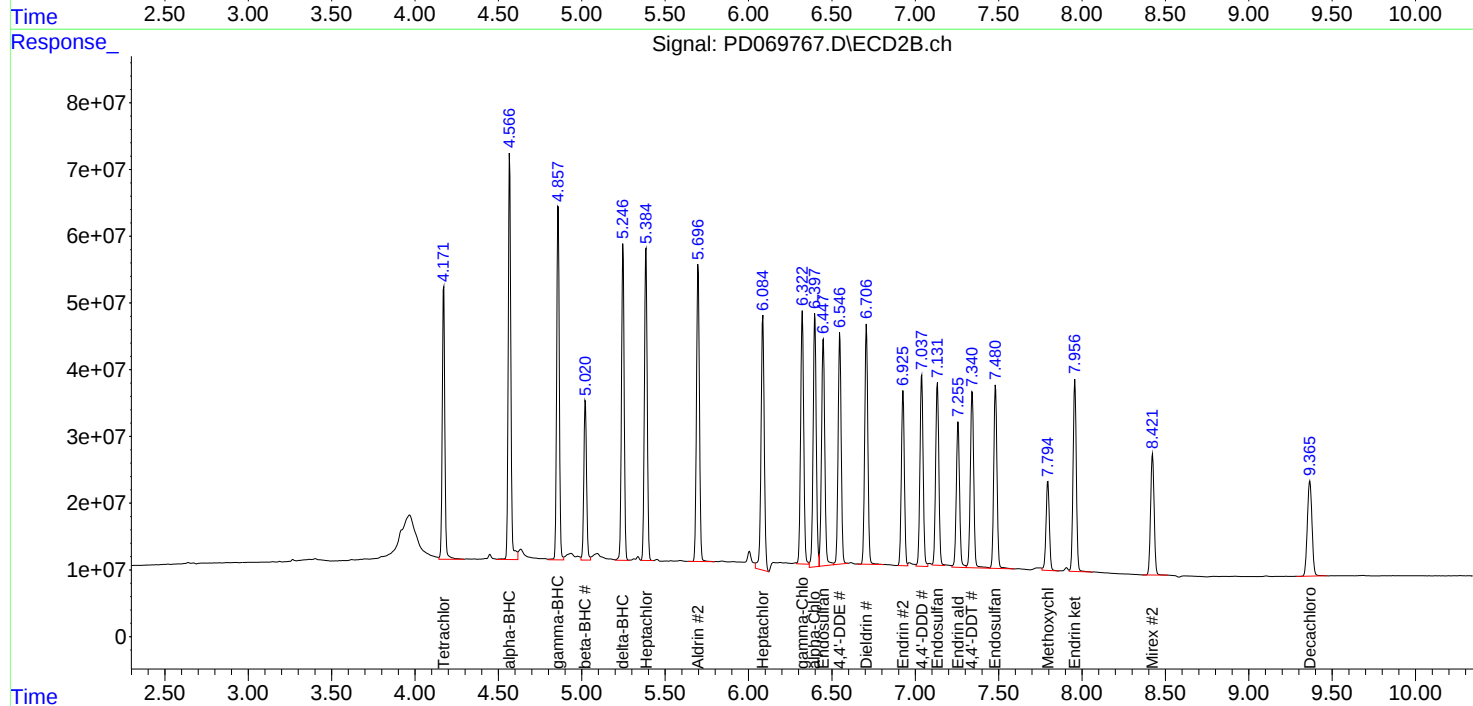
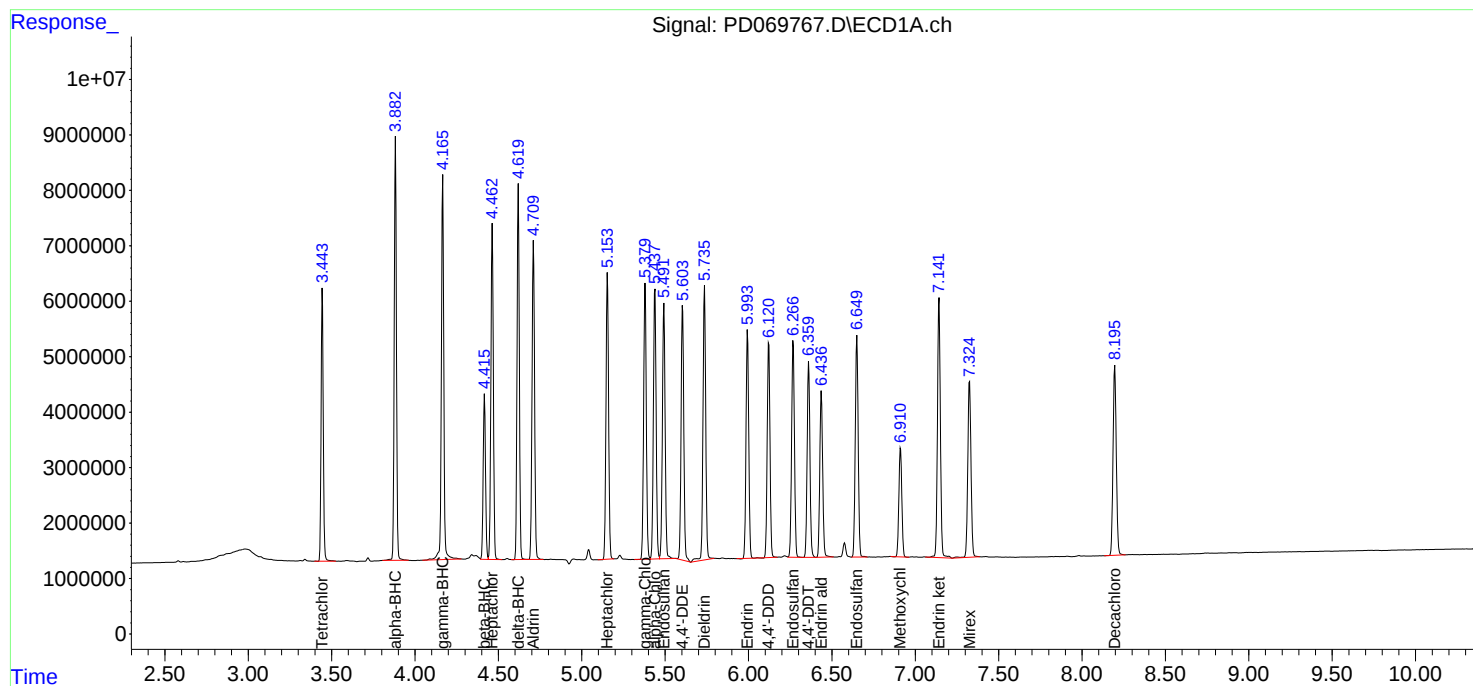
Manual Integrations

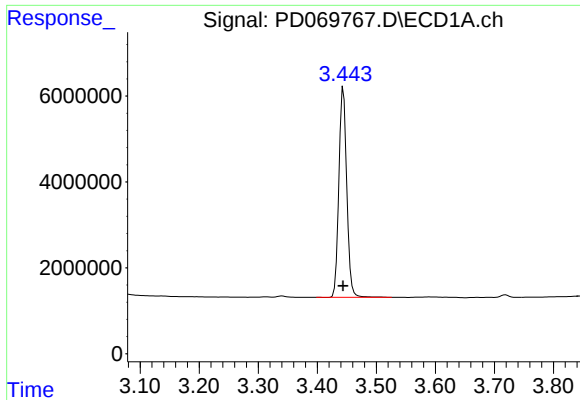
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Reviewed By :Abdul Mirza 05/23/2022
Supervised By :Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 23 07:48:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
Quant Title : GC Extractables
QLast Update : Mon May 23 02:08:05 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





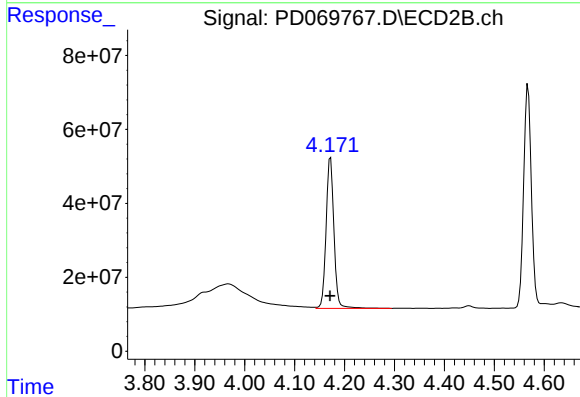
#1 Tetrachloro-m-xylene

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 45267102
Conc: 45.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

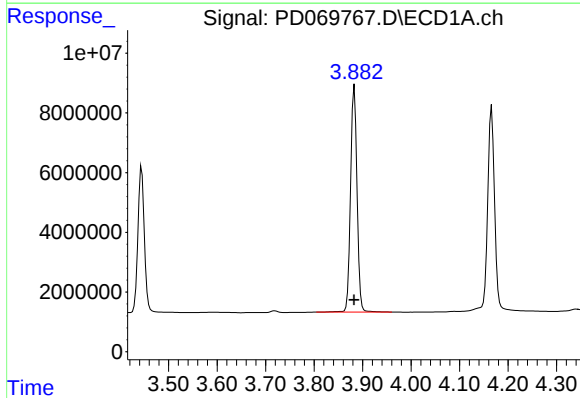
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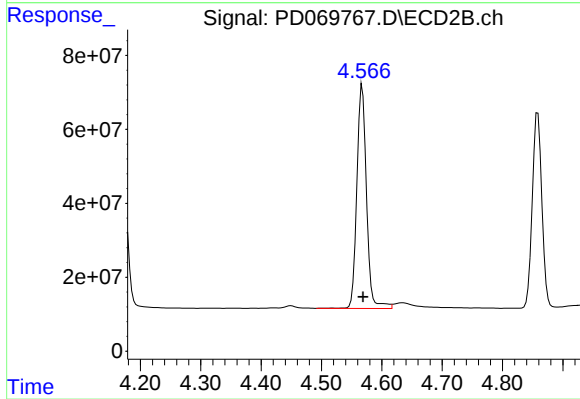
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 446429149
Conc: 46.73 ng/ml



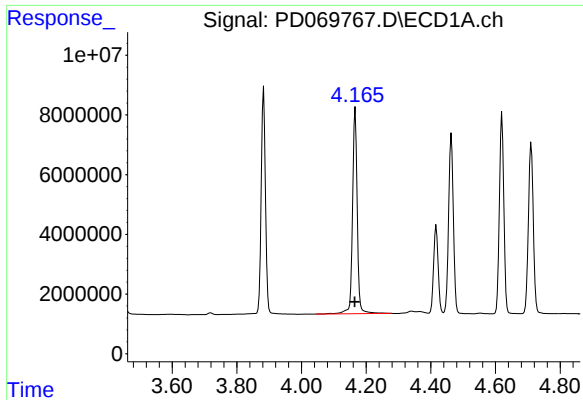
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 69732407
Conc: 46.69 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.002 min
Response: 672467320
Conc: 48.21 ng/ml



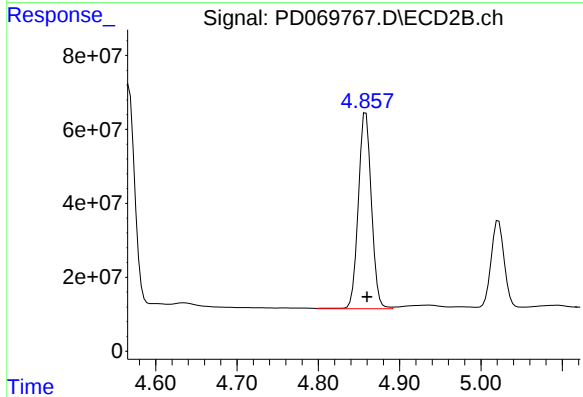
#3 gamma-BHC (Lindane)

R.T.: 4.166 min
Delta R.T.: 0.002 min
Response: 70138110
Conc: 47.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

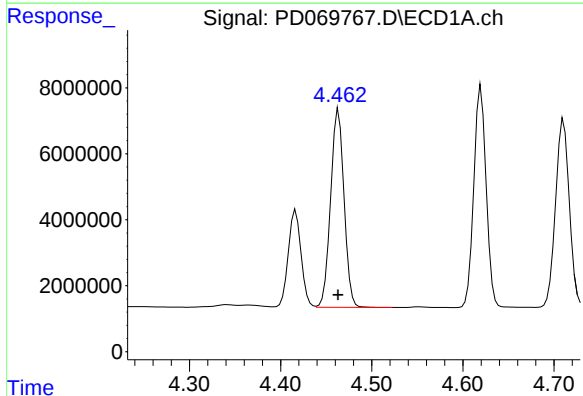
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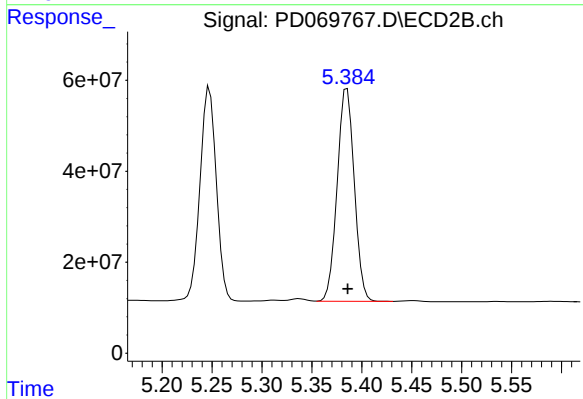
#3 gamma-BHC (Lindane)

R.T.: 4.858 min
Delta R.T.: -0.001 min
Response: 590888939
Conc: 46.14 ng/ml



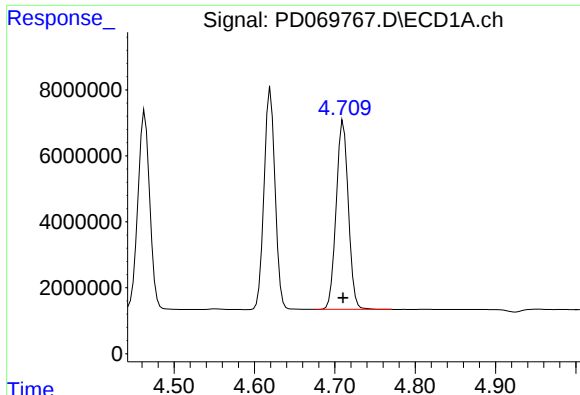
#4 Heptachlor

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 61495089
Conc: 43.91 ng/ml



#4 Heptachlor

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 557641398
Conc: 44.89 ng/ml



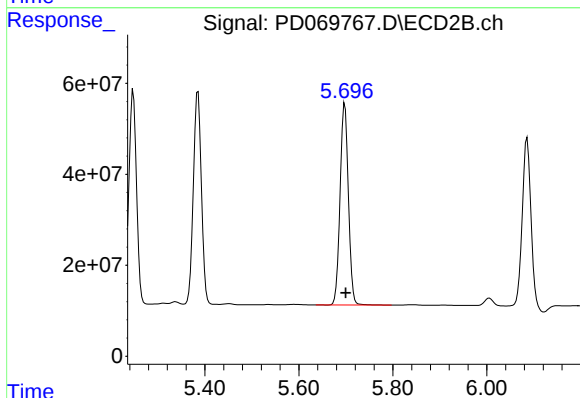
#5 Aldrin

R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 60310418
Conc: 44.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

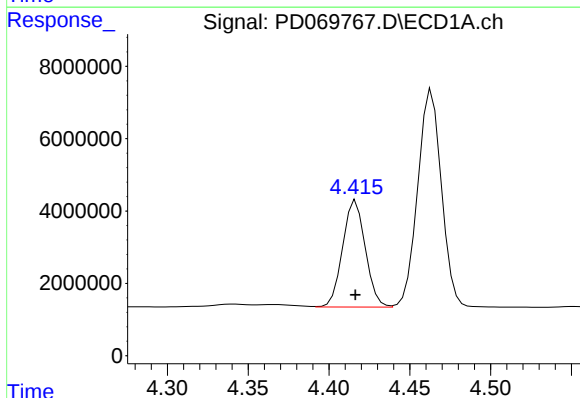
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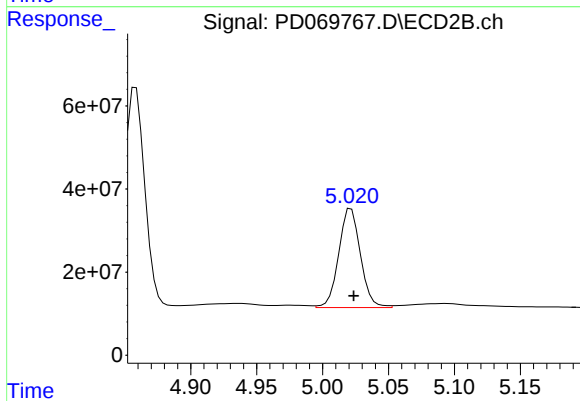
#5 Aldrin

R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 546108534
Conc: 45.33 ng/ml



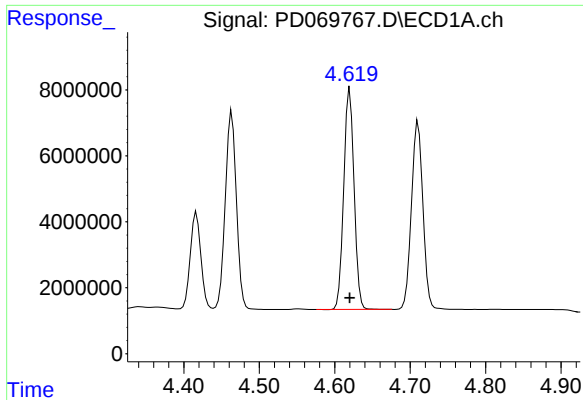
#6 beta-BHC

R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 28774514
Conc: 44.18 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 272438804
Conc: 48.52 ng/ml



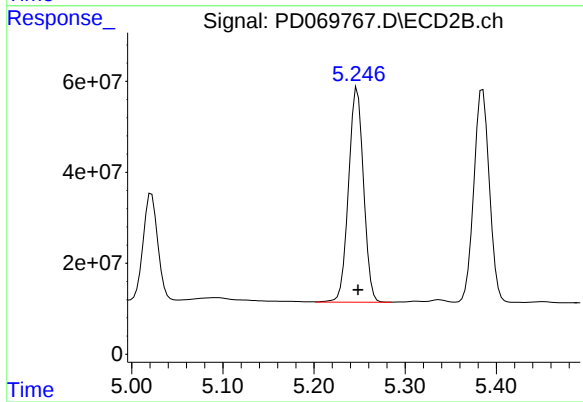
#7 delta-BHC

R.T.: 4.620 min
Delta R.T.: 0.000 min
Response: 63761033
Conc: 45.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

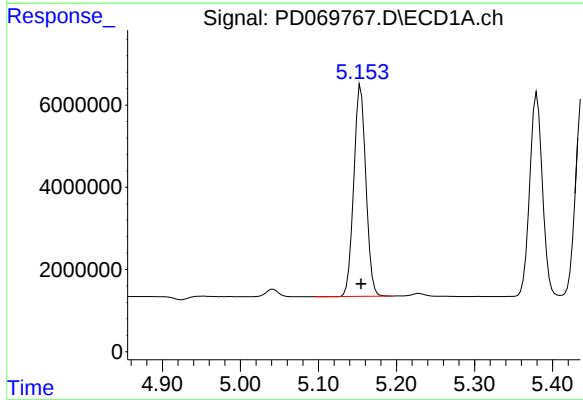
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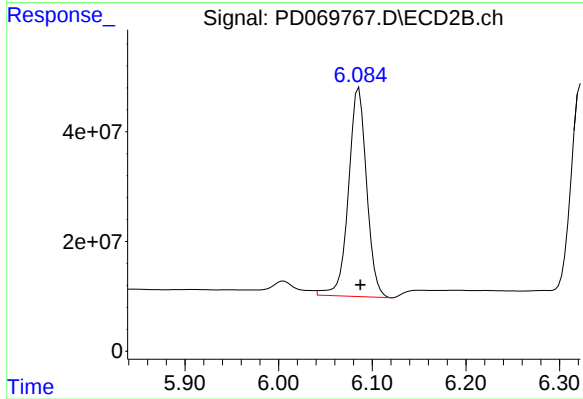
#7 delta-BHC

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 538514720
Conc: 59.70 ng/ml



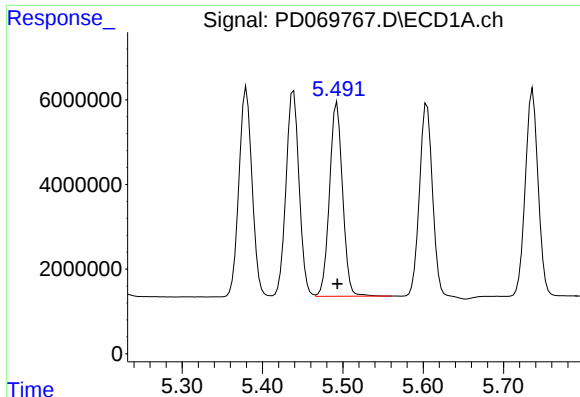
#8 Heptachlor epoxide

R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 55345728
Conc: 43.71 ng/ml



#8 Heptachlor epoxide

R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 512700404
Conc: 57.46 ng/ml



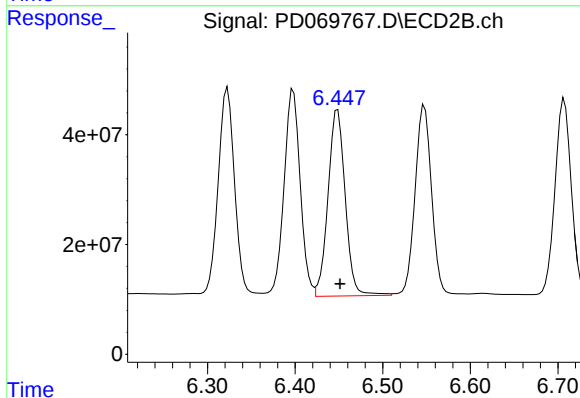
#9 Endosulfan I

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 51985241
Conc: 43.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

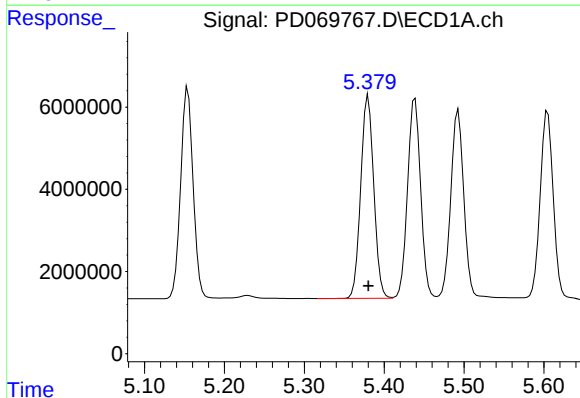
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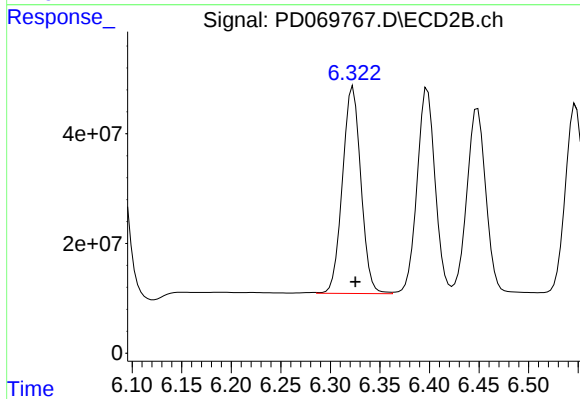
#9 Endosulfan I

R.T.: 6.449 min
Delta R.T.: -0.003 min
Response: 464470127
Conc: 46.86 ng/ml



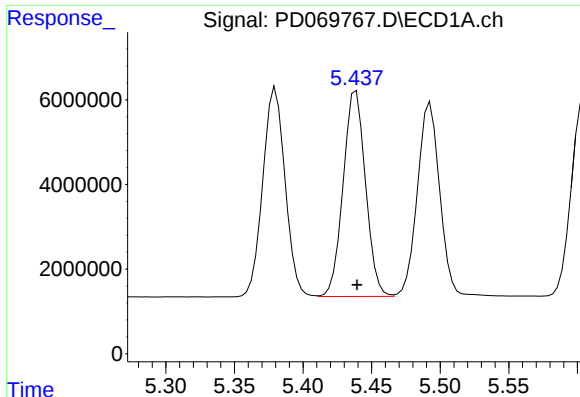
#10 gamma-Chlordane

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 55839971
Conc: 43.66 ng/ml



#10 gamma-Chlordane

R.T.: 6.322 min
Delta R.T.: -0.004 min
Response: 488475145
Conc: 45.64 ng/ml m



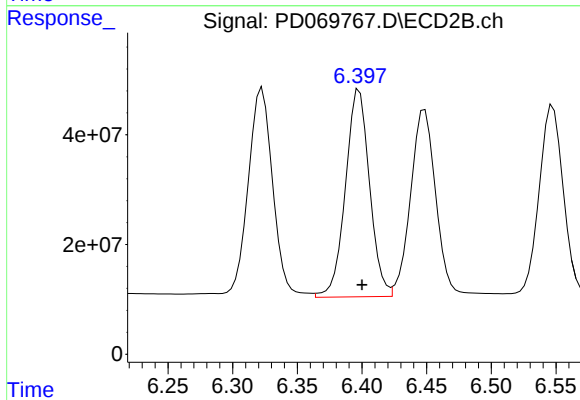
#11 alpha-Chlordane

R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 55216185
Conc: 43.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

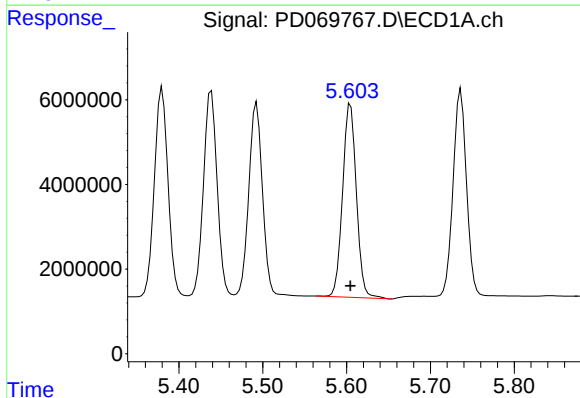
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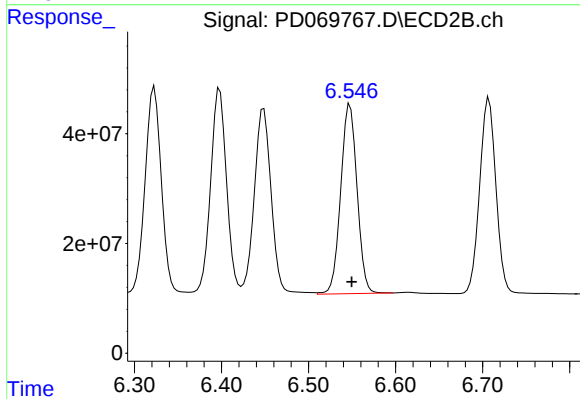
#11 alpha-Chlordane

R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 490172191
Conc: 46.71 ng/ml



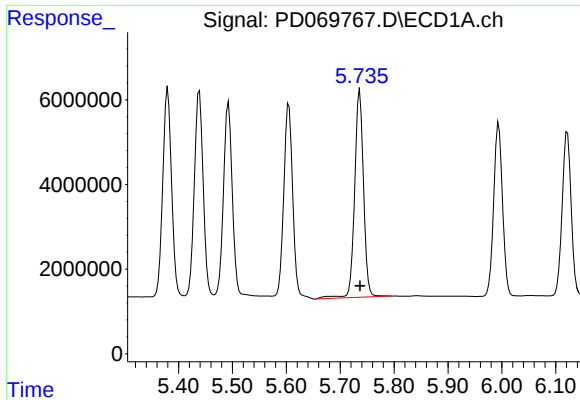
#12 4,4'-DDE

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 52405704
Conc: 45.28 ng/ml



#12 4,4'-DDE

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 449988401
Conc: 45.33 ng/ml



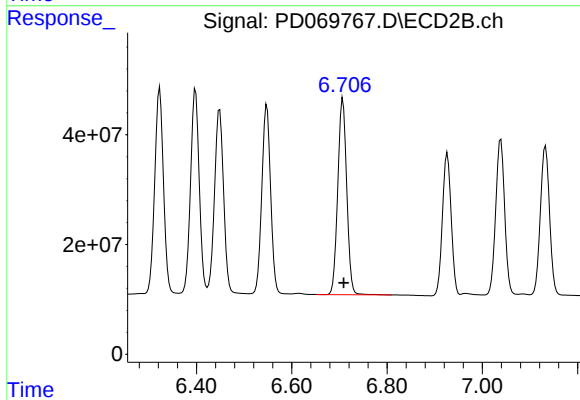
#13 Dieldrin

R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 56336458
Conc: 45.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

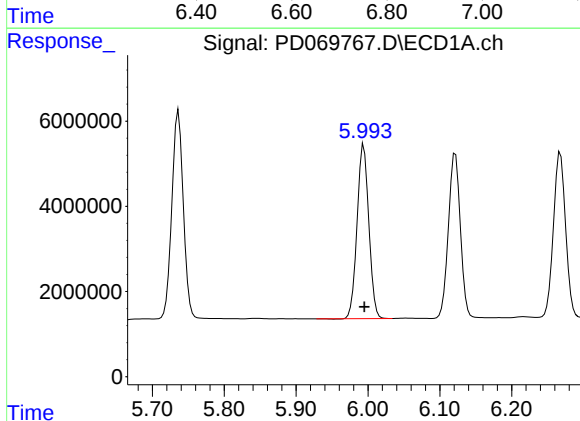
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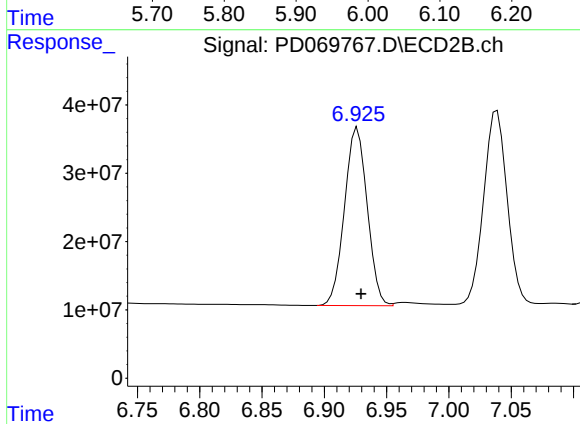
#13 Dieldrin

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 464526356
Conc: 45.37 ng/ml



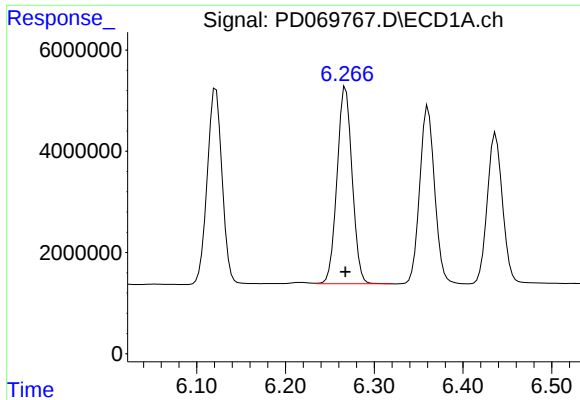
#14 Endrin

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 46251808
Conc: 41.63 ng/ml



#14 Endrin

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 332334332
Conc: 40.89 ng/ml



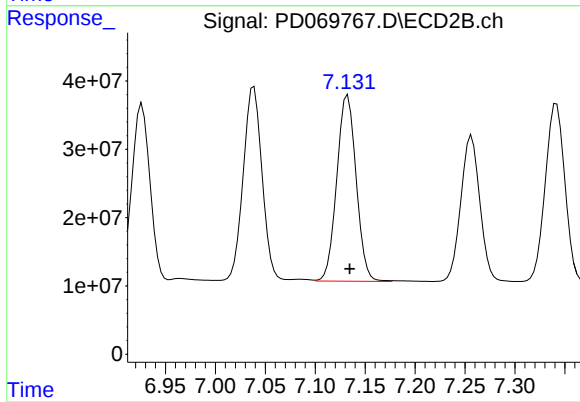
#15 Endosulfan II

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 45874610
Conc: 43.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

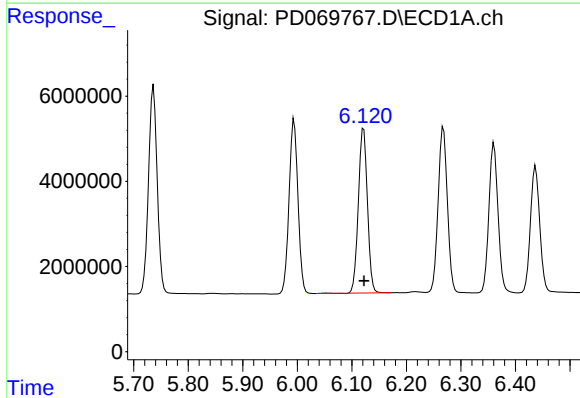
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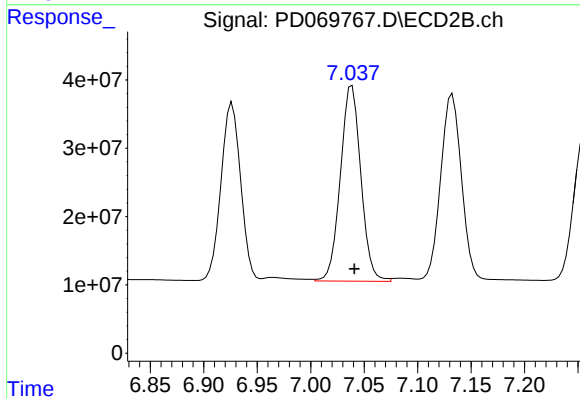
#15 Endosulfan II

R.T.: 7.131 min
Delta R.T.: -0.004 min
Response: 367962224
Conc: 44.73 ng/ml m



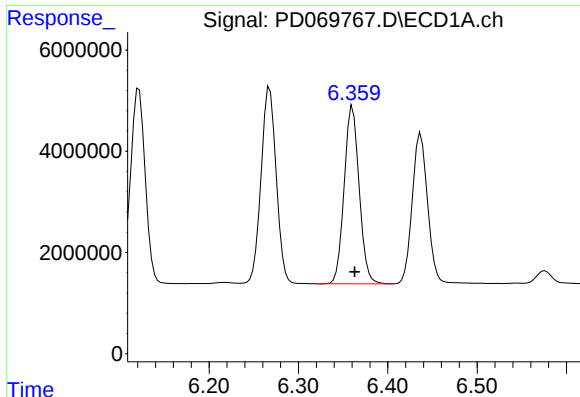
#16 4,4'-DDD

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 44726167
Conc: 44.93 ng/ml



#16 4,4'-DDD

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 382006991
Conc: 47.15 ng/ml



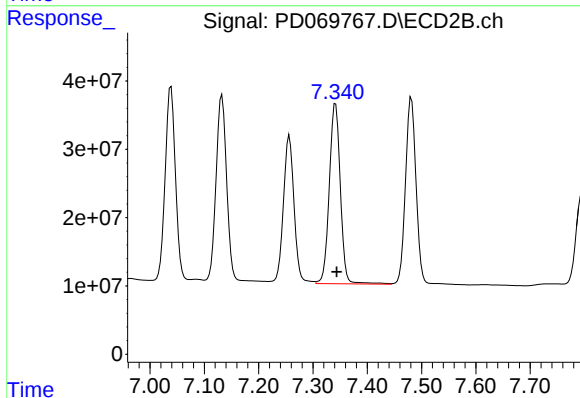
#17 4,4'-DDT

R.T.: 6.361 min
Delta R.T.: -0.002 min
Response: 41034641
Conc: 42.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

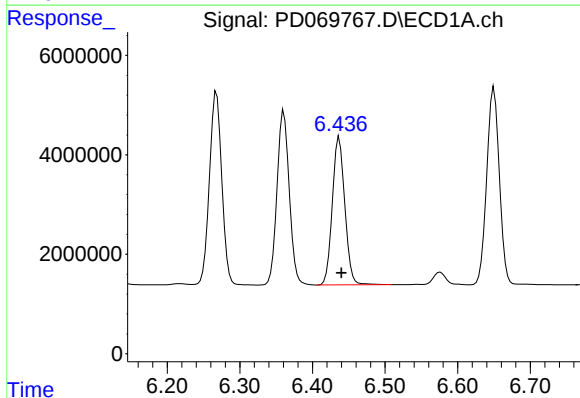
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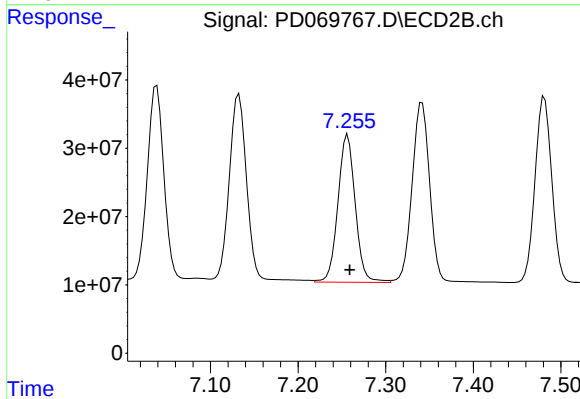
#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: -0.002 min
Response: 373663830
Conc: 45.44 ng/ml



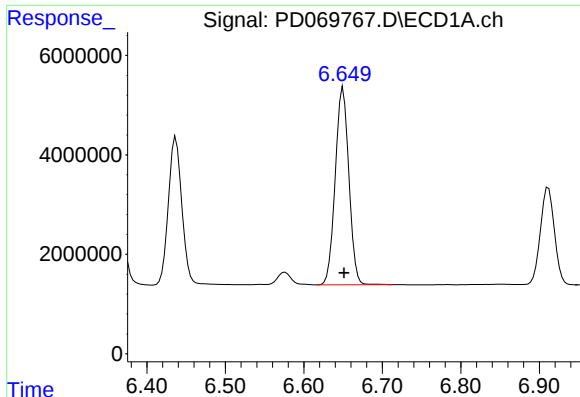
#18 Endrin aldehyde

R.T.: 6.437 min
Delta R.T.: -0.003 min
Response: 35627403
Conc: 41.43 ng/ml



#18 Endrin aldehyde

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 296618119
Conc: 46.49 ng/ml



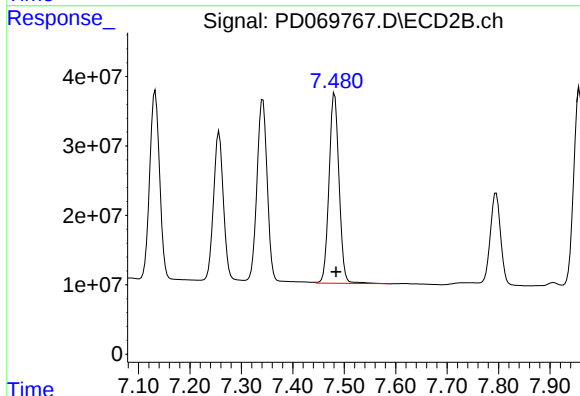
#19 Endosulfan Sulfate

R.T.: 6.650 min
Delta R.T.: -0.001 min
Response: 47954264
Conc: 43.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

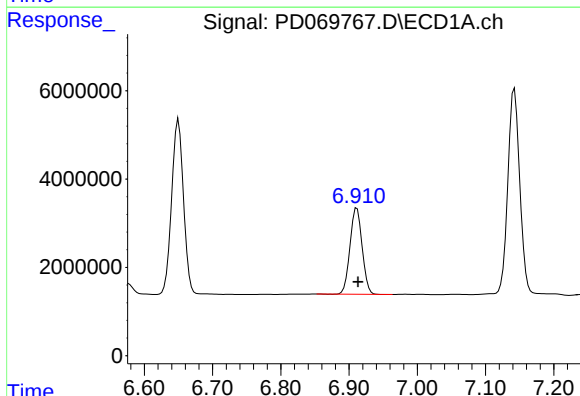
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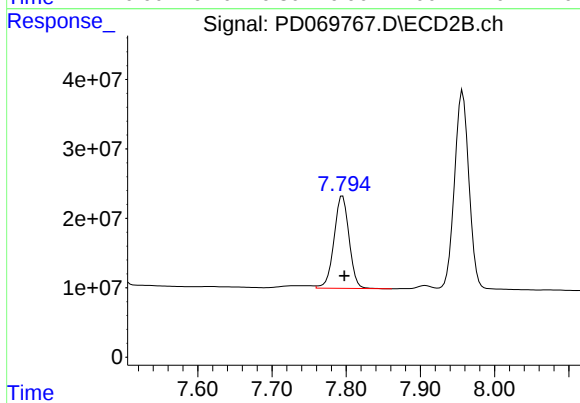
#19 Endosulfan Sulfate

R.T.: 7.481 min
Delta R.T.: -0.003 min
Response: 370564593
Conc: 46.38 ng/ml



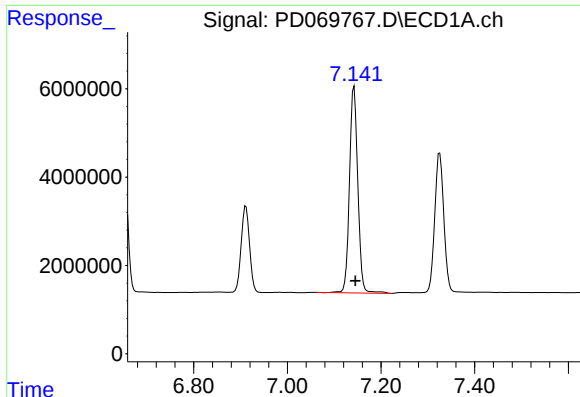
#20 Methoxychlor

R.T.: 6.912 min
Delta R.T.: -0.002 min
Response: 24133924
Conc: 41.87 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: -0.002 min
Response: 188440660
Conc: 45.70 ng/ml



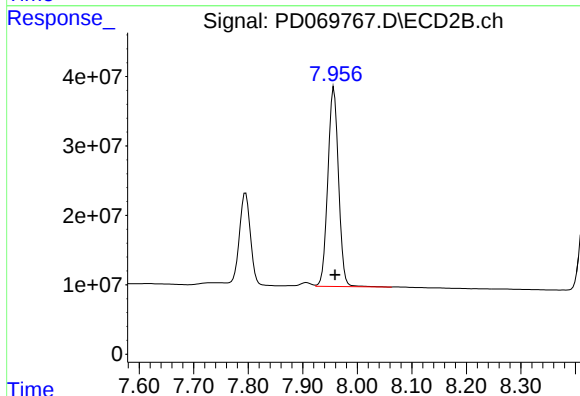
#21 Endrin ketone

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 57895344
Conc: 46.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

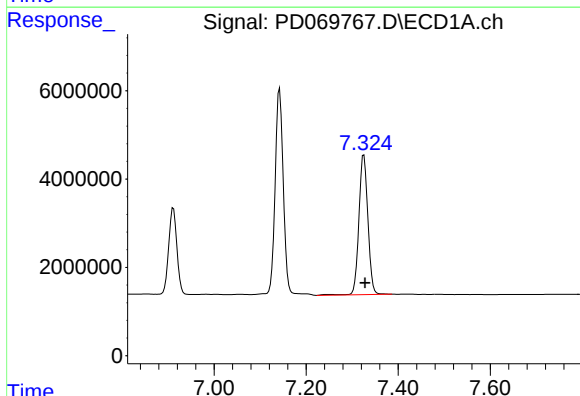
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/23/2022
Supervised By :Ankita Jodhani 05/23/2022



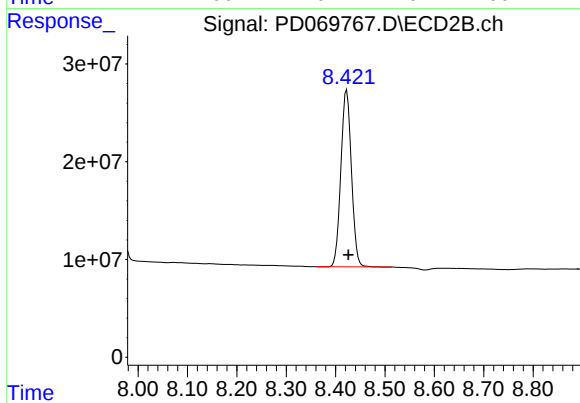
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.002 min
Response: 390547911
Conc: 46.75 ng/ml



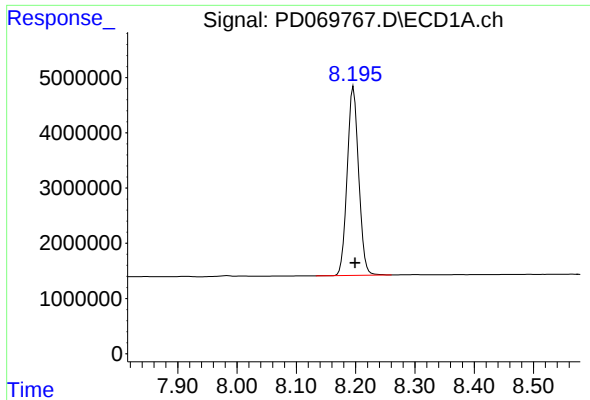
#22 Mirex

R.T.: 7.325 min
Delta R.T.: -0.003 min
Response: 43062178
Conc: 43.02 ng/ml



#22 Mirex

R.T.: 8.422 min
Delta R.T.: -0.003 min
Response: 268774266
Conc: 45.77 ng/ml



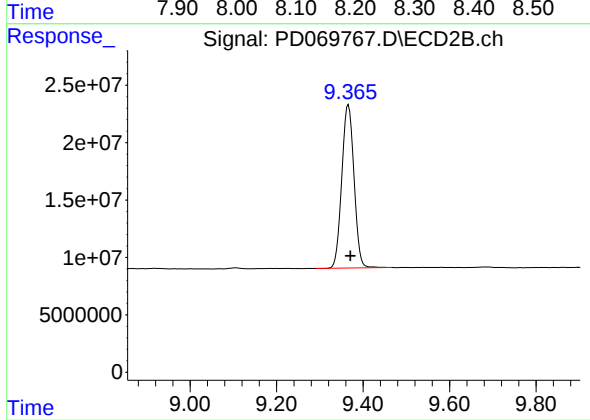
#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 45934037
Conc: 42.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 05/23/2022



#28 Decachlorobiphenyl

R.T.: 9.366 min
Delta R.T.: -0.005 min
Response: 276258734
Conc: 46.10 ng/ml