

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
 Data File : PD074864.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 02:34
 Operator : AR\AJ
 Sample : 02423-15MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SPE-2WC-23-04-18MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 05:57:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.547	2.768	30693708	15177757	12.868	11.643
2)	SA Decachlor...	9.074f	7.916	60337409	9923001	19.869	7.439 #
Target Compounds							
2)	A alpha-BHC	4.004	3.272	172.6E6	82422563	41.507	42.214
3)	MA gamma-BHC...	4.335	3.601	151.0E6	76232645	38.911m	42.005
4)	MA Heptachlor	4.929	3.943	134.6E6	66562411	34.407	35.987
5)	MB Aldrin	5.271	4.223	153.1E6	76026029	39.829	41.123
6)	B beta-BHC	4.532	3.897	61320086	32209498	36.553	39.657
7)	B delta-BHC	4.780	4.128	154.9E6	73305979	48.572	38.988
8)	B Heptachlo...	5.698	4.725	138.7E6	60898614	42.938	35.912
9)	A Endosulfan I	6.085	5.096	123.5E6	51491393	37.860	32.108
10)	B gamma-Chl...	5.955	4.976	156.7E6	80872044	45.173	46.705
11)	B alpha-Chl...	6.035	5.040	162.0E6	64523683	46.621	37.663
12)	B 4,4'-DDE	6.206	5.230	160.0E6	66818756	49.893	42.604
13)	MA Dieldrin	6.361	5.361	154.4E6	74534793	45.276	44.394
14)	MA Endrin	6.592	5.636	108.4E6	50346487	37.304	33.364
15)	B Endosulfa...	6.810	5.930	106.2E6	47290334	37.010	34.392
16)	A 4,4'-DDD	6.725	5.784	138.2E6	49551908	52.153	37.586 #
17)	MA 4,4'-DDT	7.038	6.034	140.8E6	65007648	48.330m	48.133m
18)	B Endrin al...	6.939	6.110	86394254	38168497	37.623m	34.191
19)	B Endosulfa...	7.174	6.332	120.2E6	54680422	41.614	39.568
20)	A Methoxychlor	7.515	6.610	50500424	14721486	31.011	19.532m#
21)	B Endrin ke...	7.662	6.839	127.0E6	44752244	38.988	27.385 #
22)	Mirex	8.136	7.021	93120236	30973106	37.501m	24.005m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
Data File : PD074864.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2023 02:34
Operator : AR\AJ
Sample : 02423-15MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

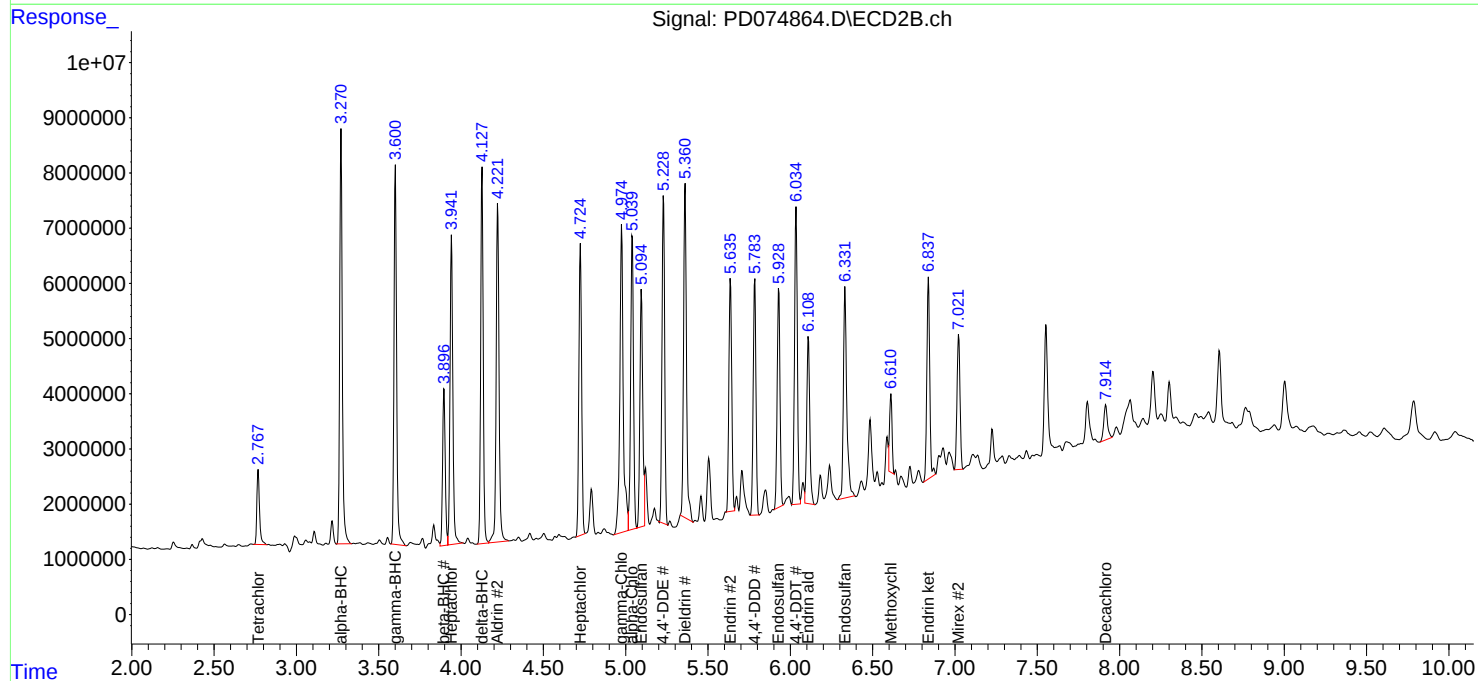
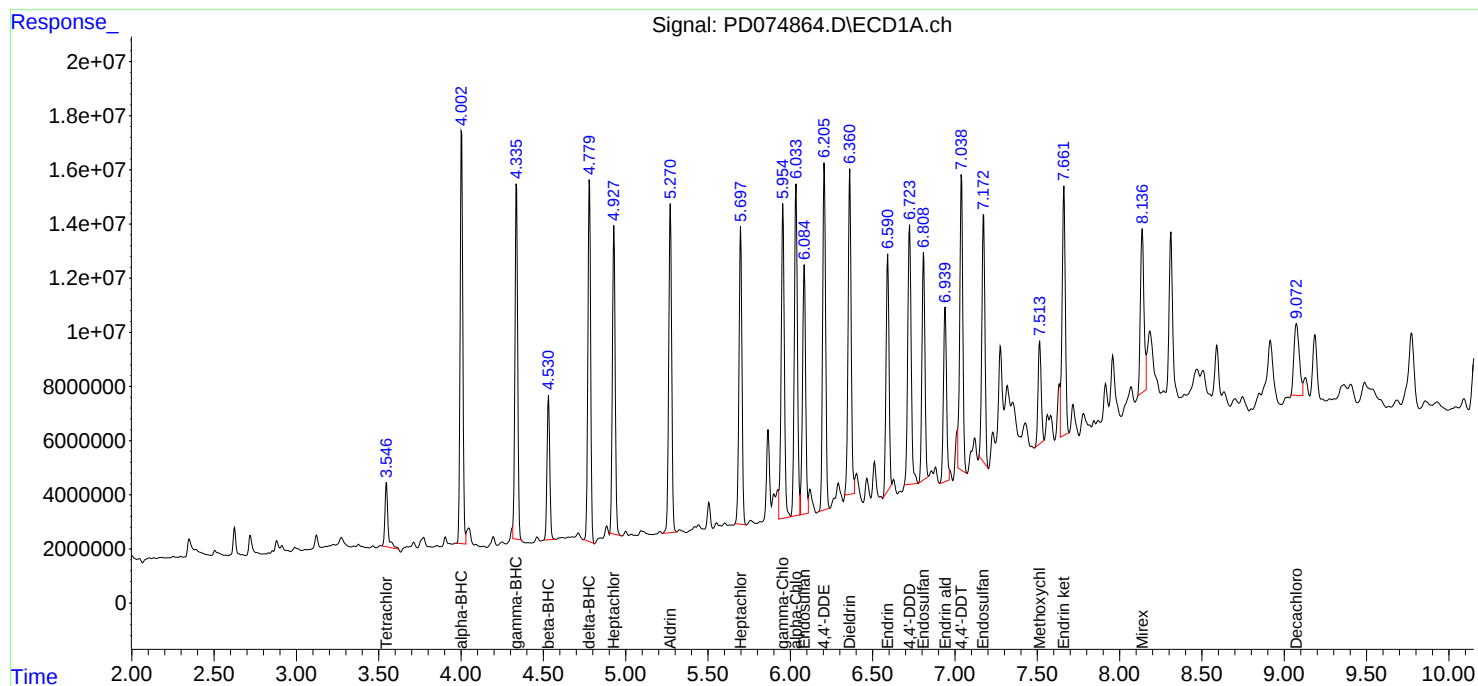
Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

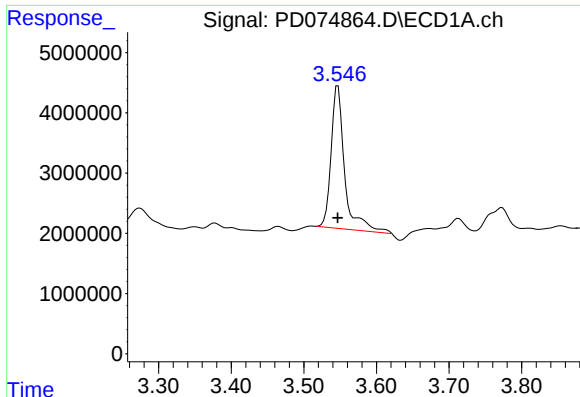
Manual Integrations
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Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 05:57:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
Quant Title : GC Extractables
QLast Update : Tue Apr 18 13:17:37 2023
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Volume Inj. : 2 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





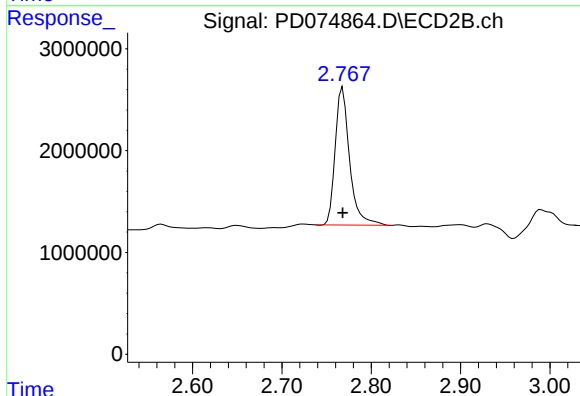
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 30693708
Conc: 12.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

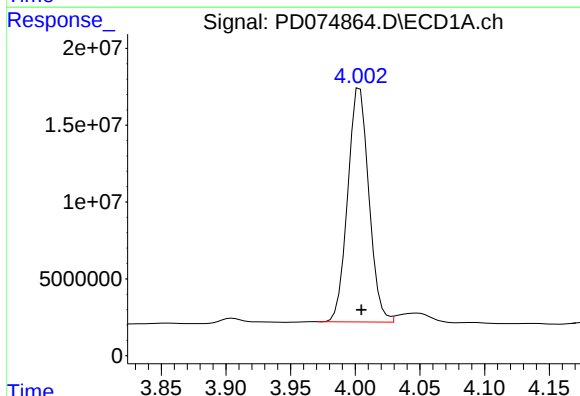
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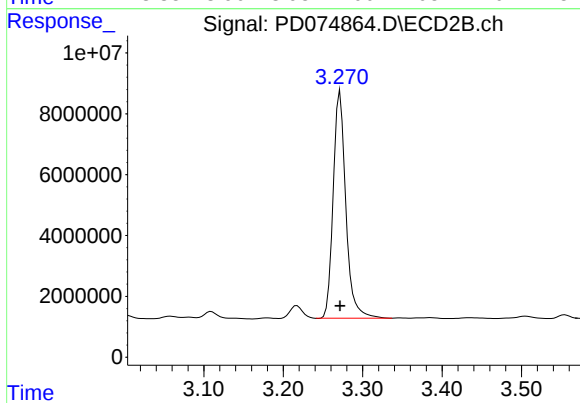
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 15177757
Conc: 11.64 ng/ml



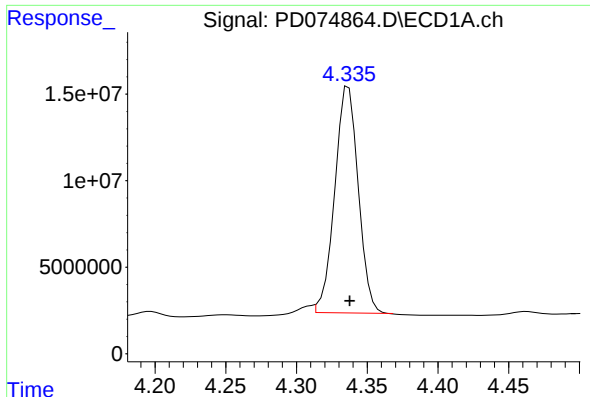
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 172637990
Conc: 41.51 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 82422563
Conc: 42.21 ng/ml



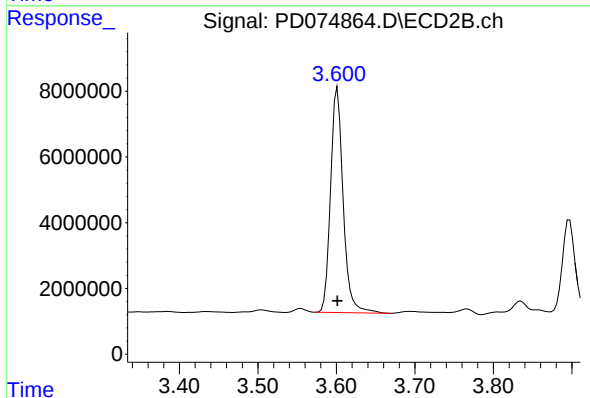
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 151020293
Conc: 38.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

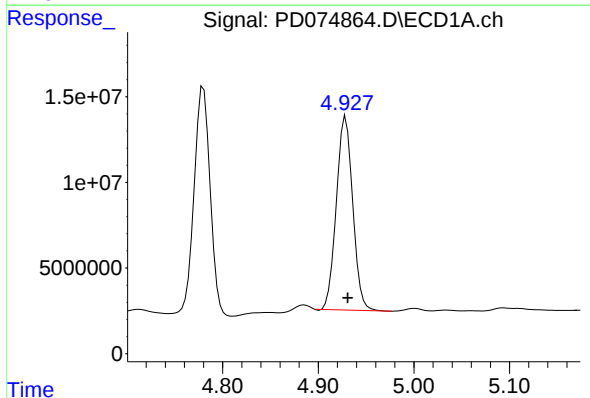
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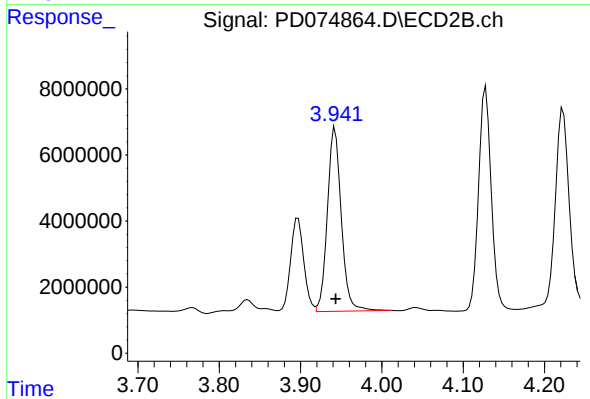
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: 0.000 min
Response: 76232645
Conc: 42.01 ng/ml



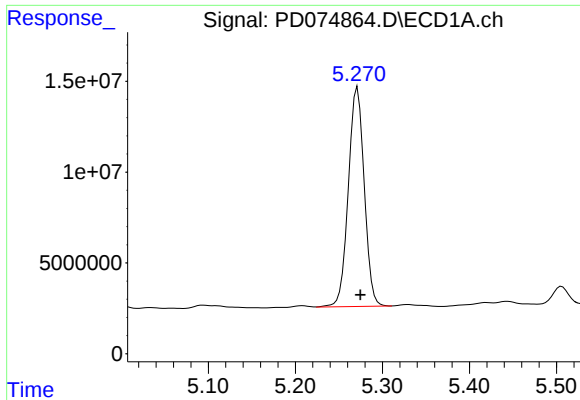
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 134572119
Conc: 34.41 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 66562411
Conc: 35.99 ng/ml



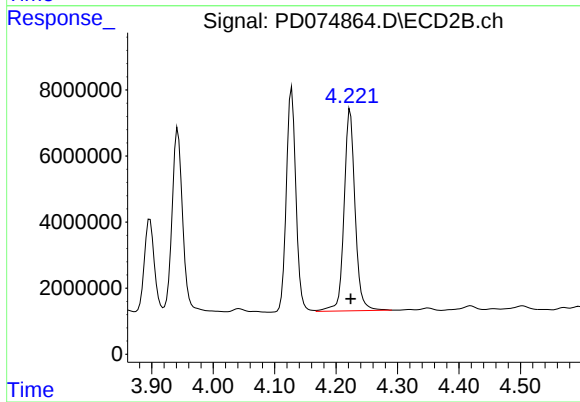
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 153057281
Conc: 39.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

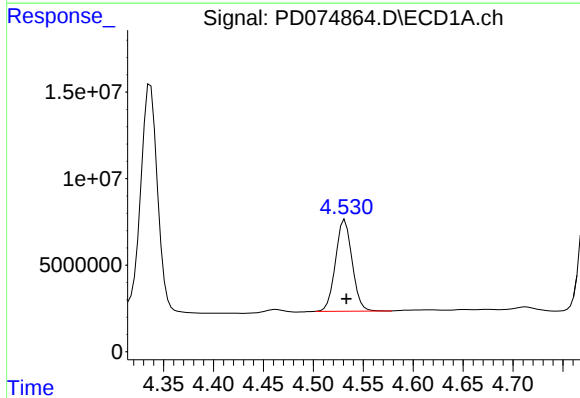
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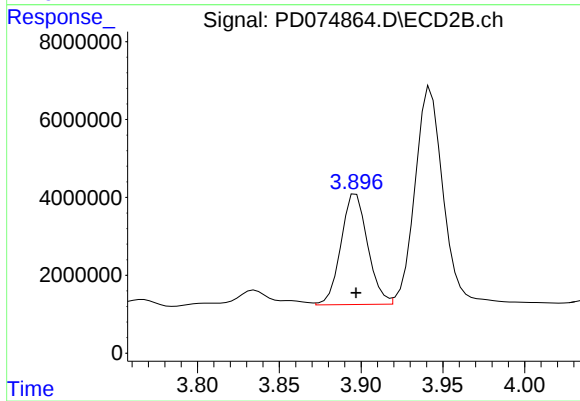
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 76026029
Conc: 41.12 ng/ml



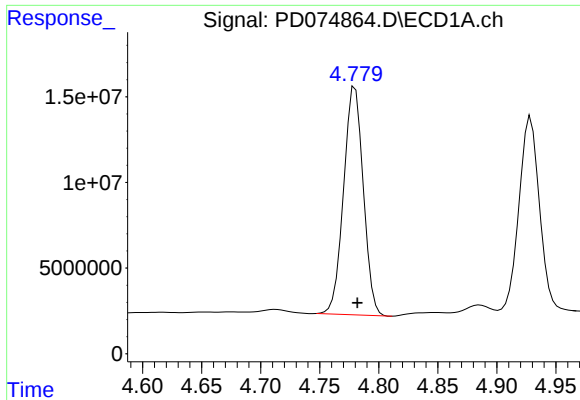
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: -0.001 min
Response: 61320086
Conc: 36.55 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 32209498
Conc: 39.66 ng/ml



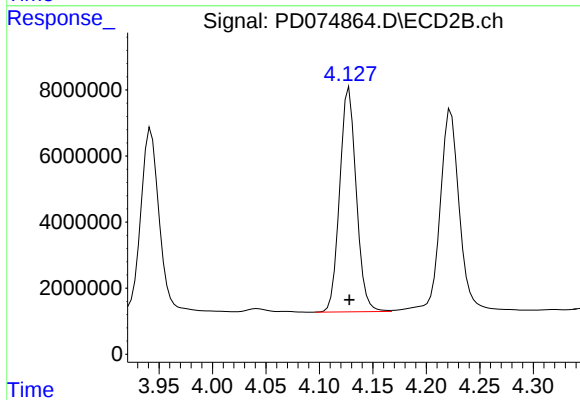
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: -0.002 min
Response: 154876422
Conc: 48.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

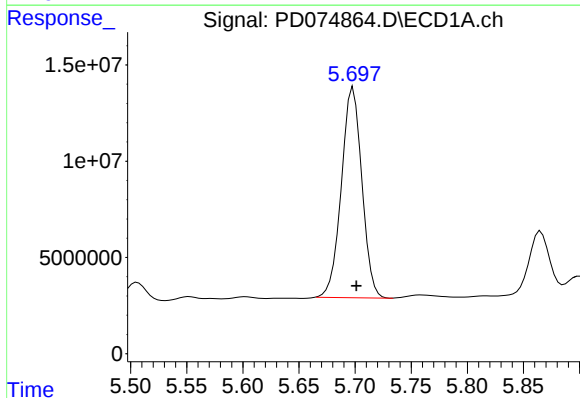
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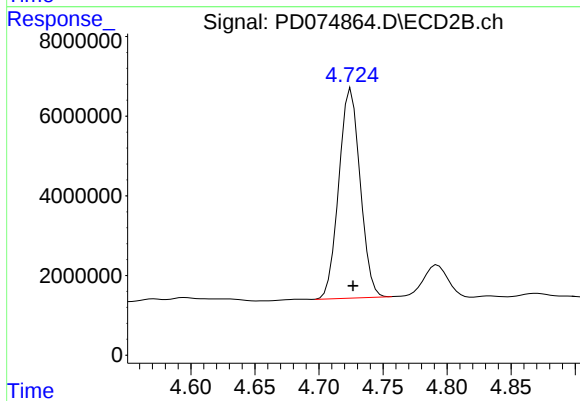
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 73305979
Conc: 38.99 ng/ml



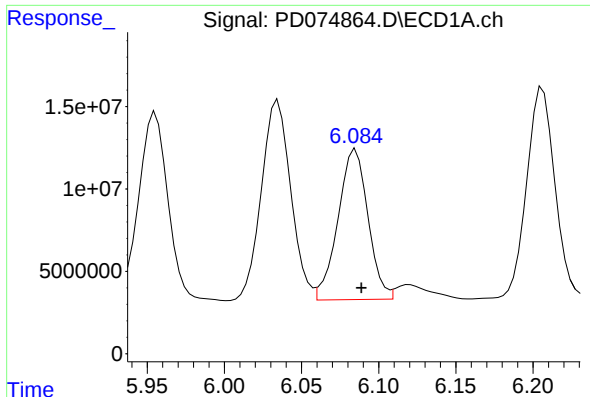
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 138746354
Conc: 42.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: -0.001 min
Response: 60898614
Conc: 35.91 ng/ml



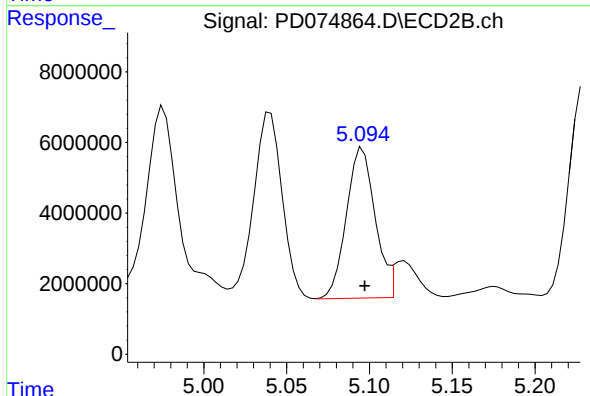
#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 123529986
Conc: 37.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

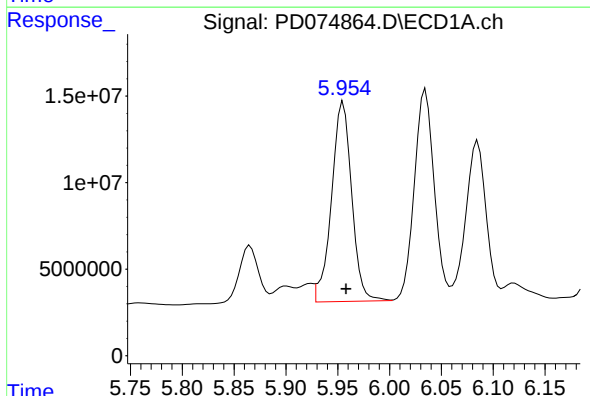
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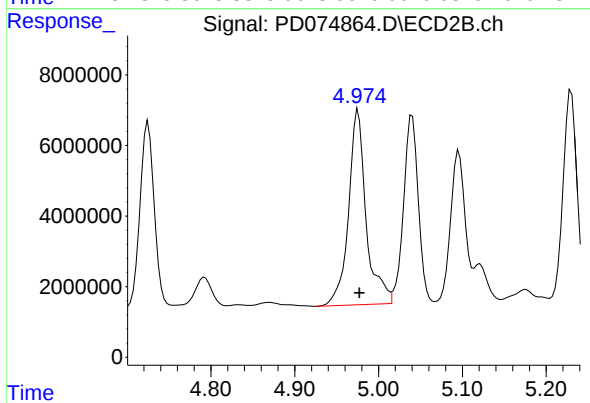
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: -0.001 min
Response: 51491393
Conc: 32.11 ng/ml



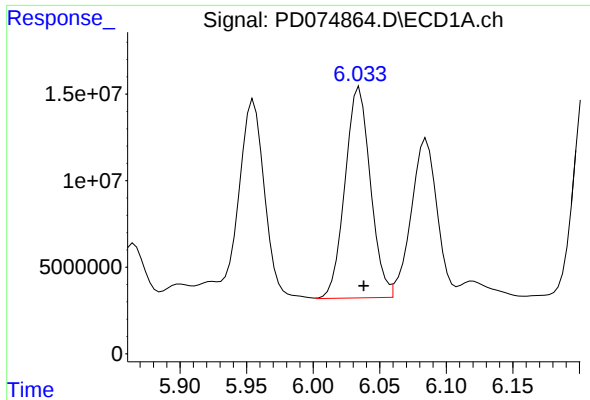
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: -0.003 min
Response: 156656148
Conc: 45.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.002 min
Response: 80872044
Conc: 46.71 ng/ml



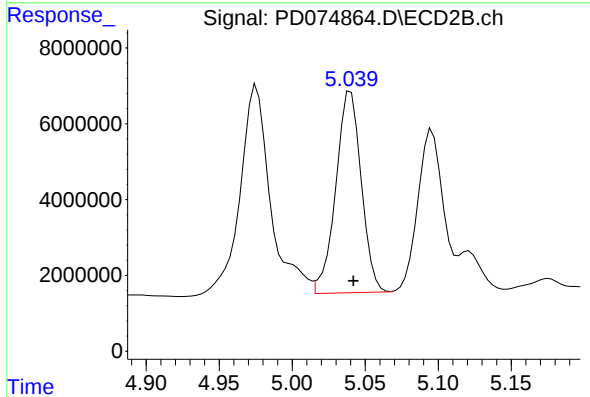
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 161958499
Conc: 46.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

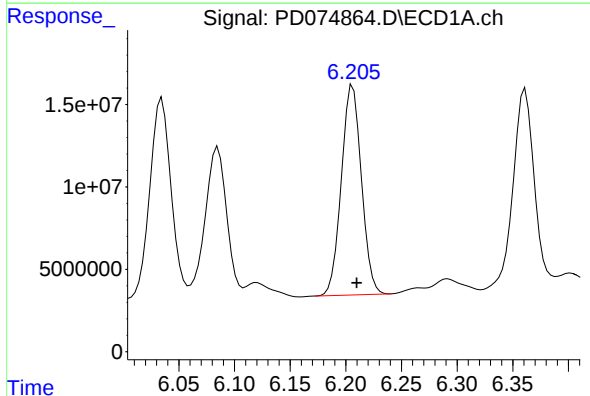
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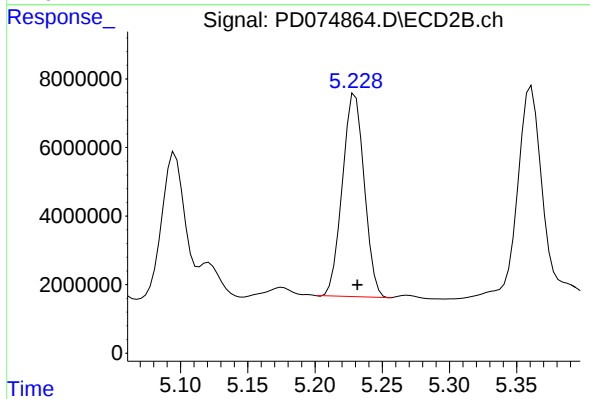
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.002 min
Response: 64523683
Conc: 37.66 ng/ml



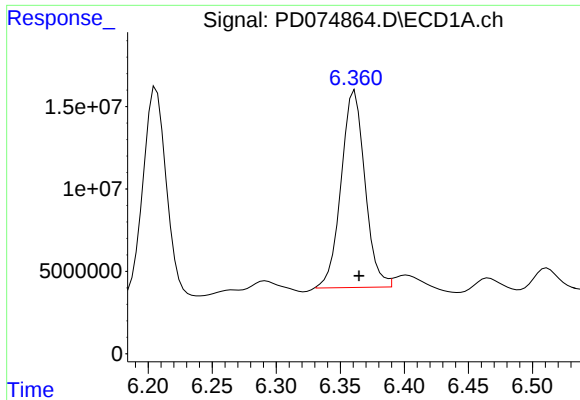
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 159954780
Conc: 49.89 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 66818756
Conc: 42.60 ng/ml



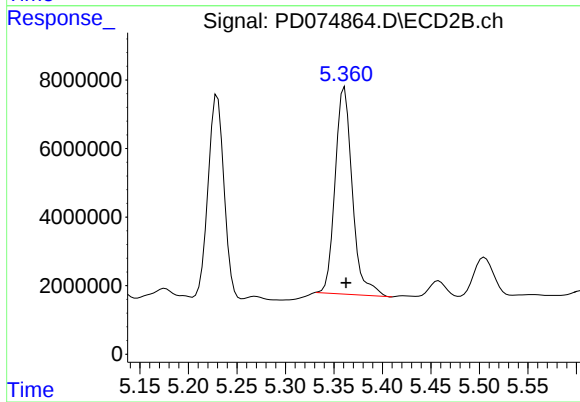
#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: -0.003 min
Response: 154436356
Conc: 45.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

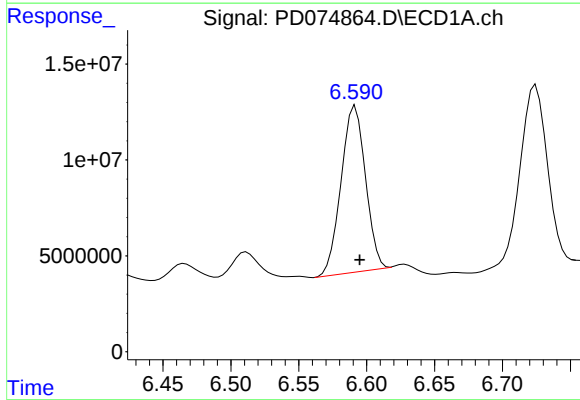
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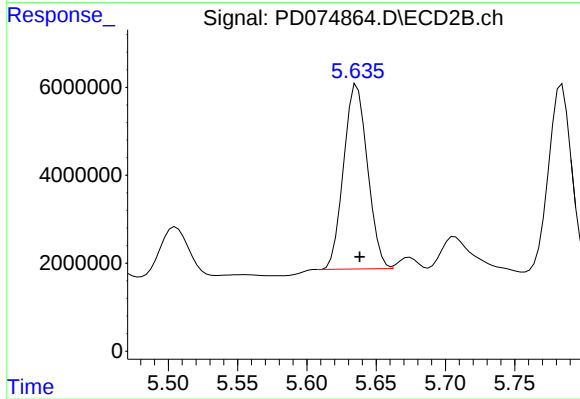
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 74534793
Conc: 44.39 ng/ml



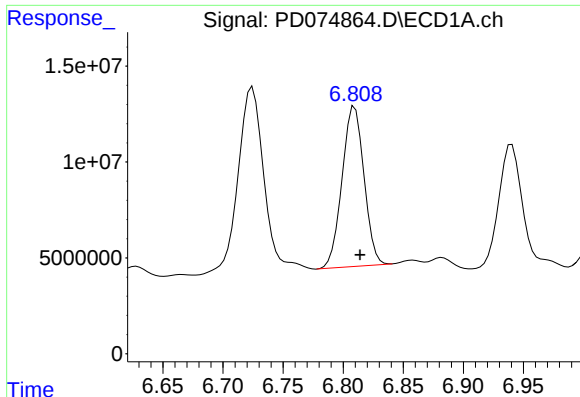
#14 Endrin

R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 108387531
Conc: 37.30 ng/ml



#14 Endrin

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 50346487
Conc: 33.36 ng/ml



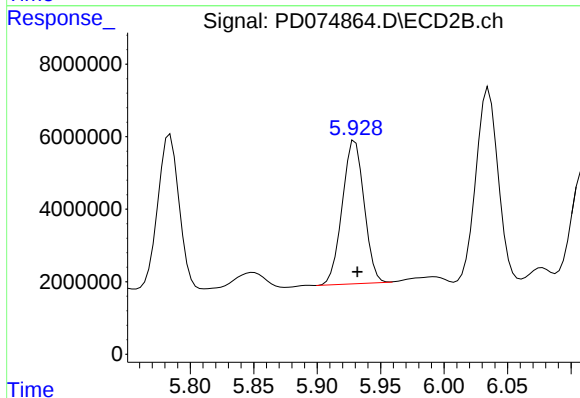
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: -0.004 min
Response: 106188517
Conc: 37.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

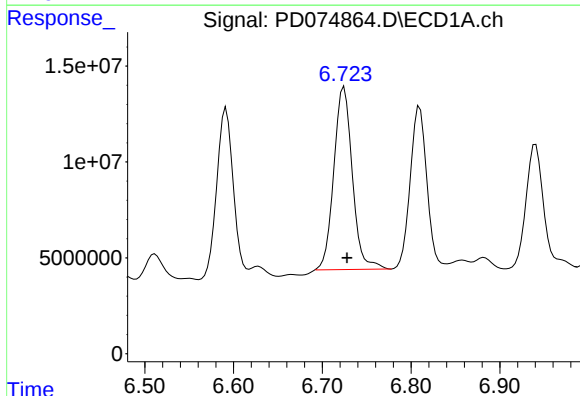
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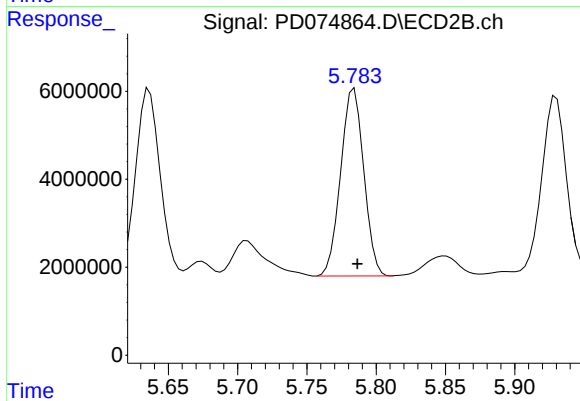
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 47290334
Conc: 34.39 ng/ml



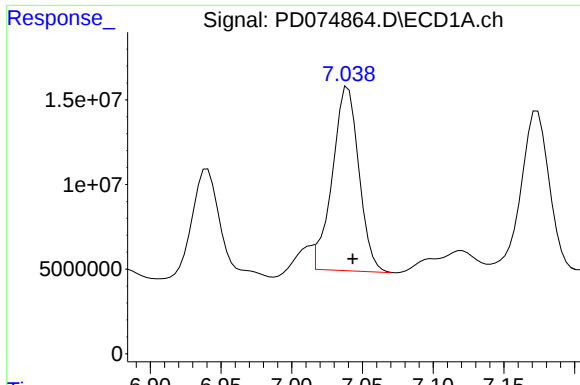
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: -0.003 min
Response: 138191314
Conc: 52.15 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 49551908
Conc: 37.59 ng/ml



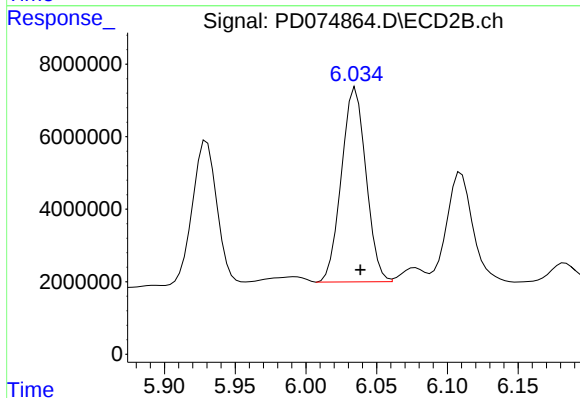
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: -0.005 min
Response: 140810734
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

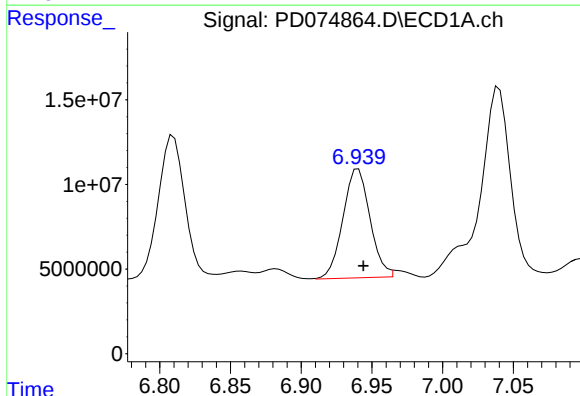
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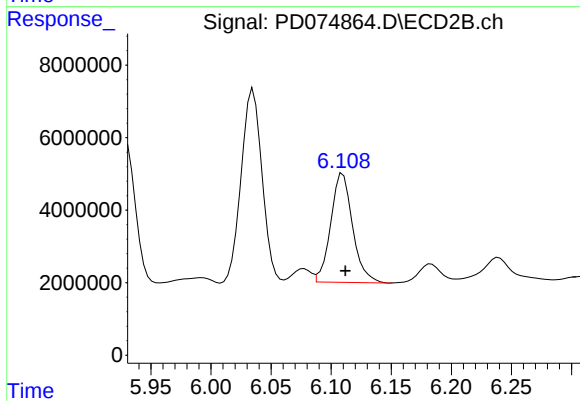
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: -0.005 min
Response: 65007648
Conc: 48.13 ng/ml m



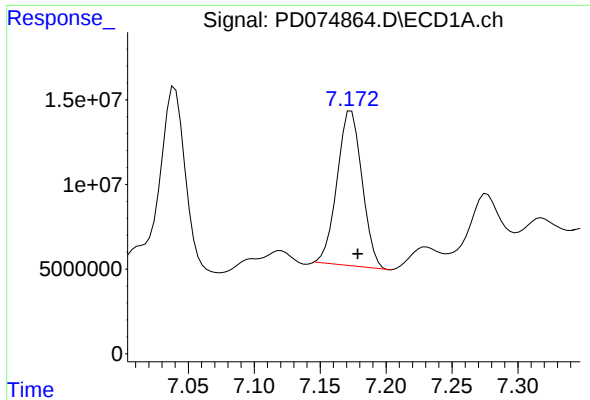
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.005 min
Response: 86394254
Conc: 37.62 ng/ml m



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 38168497
Conc: 34.19 ng/ml



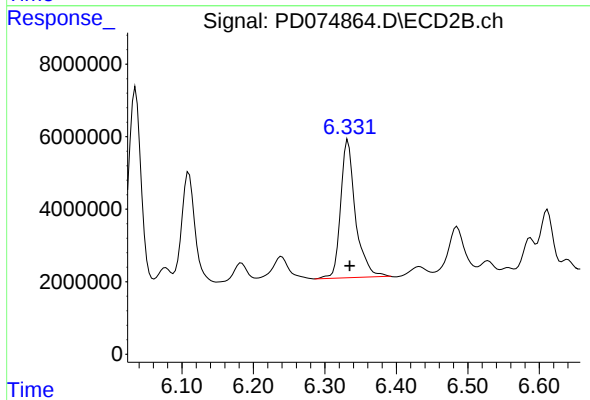
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.005 min
Response: 120200258
Conc: 41.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
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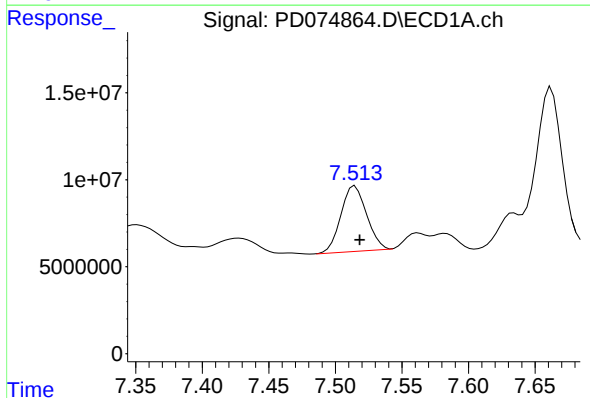
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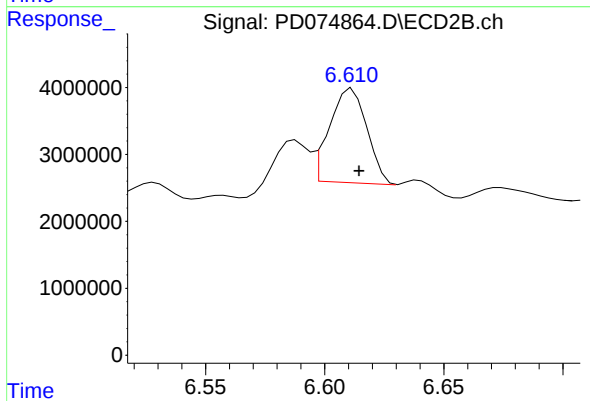
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 54680422
Conc: 39.57 ng/ml



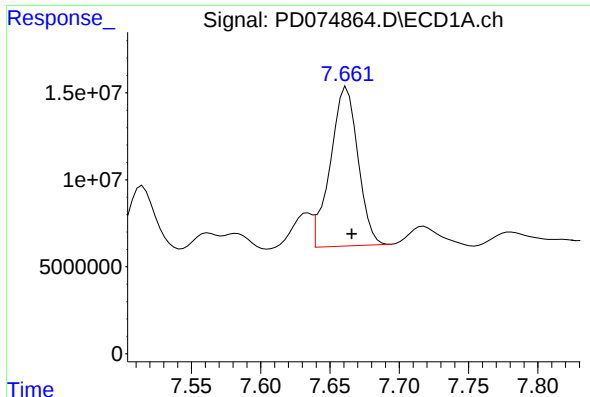
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: -0.004 min
Response: 50500424
Conc: 31.01 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: -0.004 min
Response: 14721486
Conc: 19.53 ng/ml m



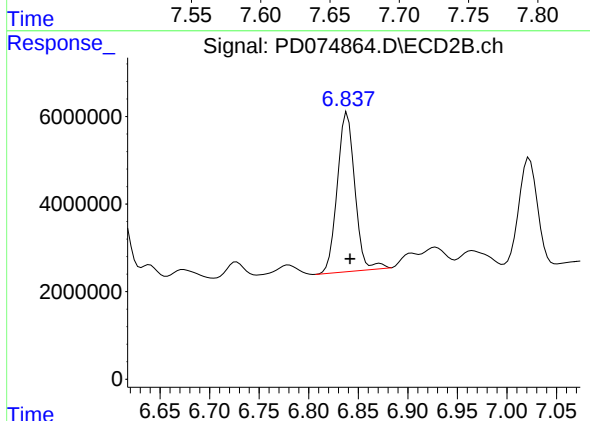
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: -0.004 min
Response: 126986871
Conc: 38.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

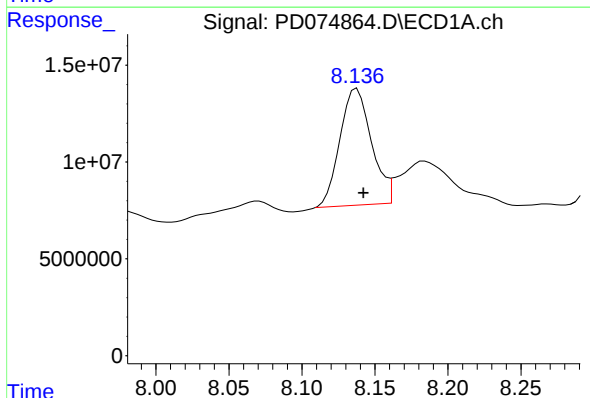
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



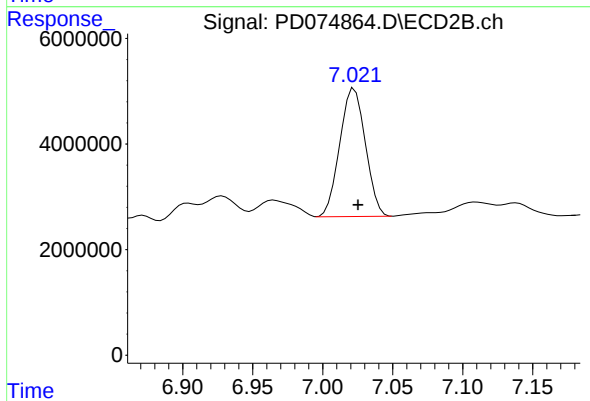
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.003 min
Response: 44752244
Conc: 27.39 ng/ml



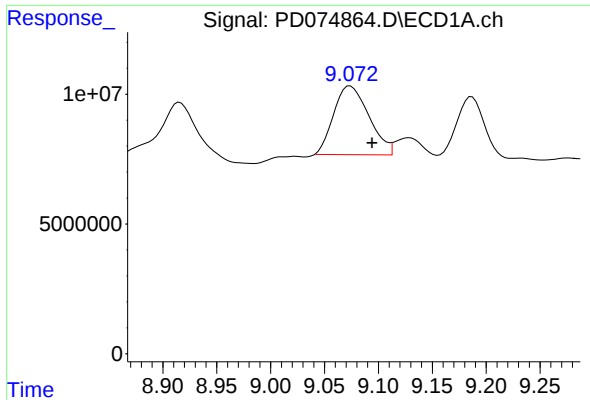
#22 Mirex

R.T.: 8.136 min
Delta R.T.: -0.006 min
Response: 93120236
Conc: 37.50 ng/ml m



#22 Mirex

R.T.: 7.021 min
Delta R.T.: -0.004 min
Response: 30973106
Conc: 24.00 ng/ml m



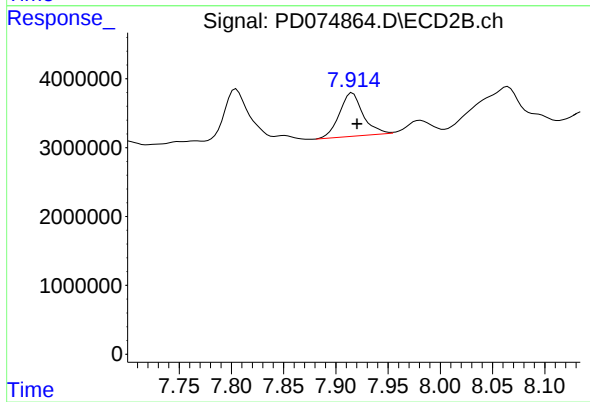
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: -0.020 min
Response: 60337409
Conc: 19.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: -0.005 min
Response: 9923001
Conc: 7.44 ng/ml