

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030322\
 Data File : PD068288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2022 14:56
 Operator : AR\AJ
 Sample : N1719-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TT-148-IDWSO-20220228MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/03/2022
 Supervised By :Ankita Jodhani 03/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 00:30:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 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...	3.451	4.176	21067592	170.4E6	17.972	17.754m
28)	SA Decachlor...	8.215	9.376	19786527	99625692	17.003	16.804
Target Compounds							
2)	A alpha-BHC	3.891	4.572	89135187	632.1E6	51.946	46.066m
3)	MA gamma-BHC...	4.174	4.865	82265286	592.4E6	51.659	47.779
4)	MA Heptachlor	4.473	5.392	76930065	542.2E6	50.959	47.873
5)	MB Aldrin	4.721	5.704	79378760	558.2E6	50.683	47.208m
6)	B beta-BHC	4.424	5.026	36205425	269.3E6	51.600	49.827m
7)	B delta-BHC	4.629	5.253	81589959	591.2E6	50.568	47.532
8)	B Heptachlo...	5.166	6.093	74227432	510.7E6	50.914	47.652
9)	A Endosulfan I	5.505	6.456	69983658	471.2E6	51.316	48.836
10)	B gamma-Chl...	5.392	6.330	75686946	511.2E6	50.842	48.347
11)	B alpha-Chl...	5.452	6.405	74532688	498.5E6	50.723	48.361
12)	B 4,4'-DDE	5.618	6.554	70186669	473.7E6	51.456	48.455
13)	MA Dieldrin	5.749	6.715	74370598	492.6E6	50.576	47.797
14)	MA Endrin	6.007	6.935	62876939	373.7E6	50.899	48.592
15)	B Endosulfa...	6.281	7.139	62416561	382.6E6	49.057	46.560
16)	A 4,4'-DDD	6.135	7.045	62038114	389.4E6	52.312	49.477
17)	MA 4,4'-DDT	6.376	7.349	53892455	327.6E6	48.870	46.299
18)	B Endrin al...	6.451	7.263	43666932	276.6E6	47.645	45.966
19)	B Endosulfa...	6.664	7.488	61756485	366.7E6	49.005	47.127
20)	A Methoxychlor	6.927	7.801	30199565	157.6E6	46.540	45.355
21)	B Endrin ke...	7.157	7.964	72925068	396.2E6	49.532	47.197
22)	Mirex	7.342	8.430	63726903	318.8E6	50.277	49.842

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030322\
Data File : PD068288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Mar 2022 14:56
Operator : AR\AJ
Sample : N1719-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

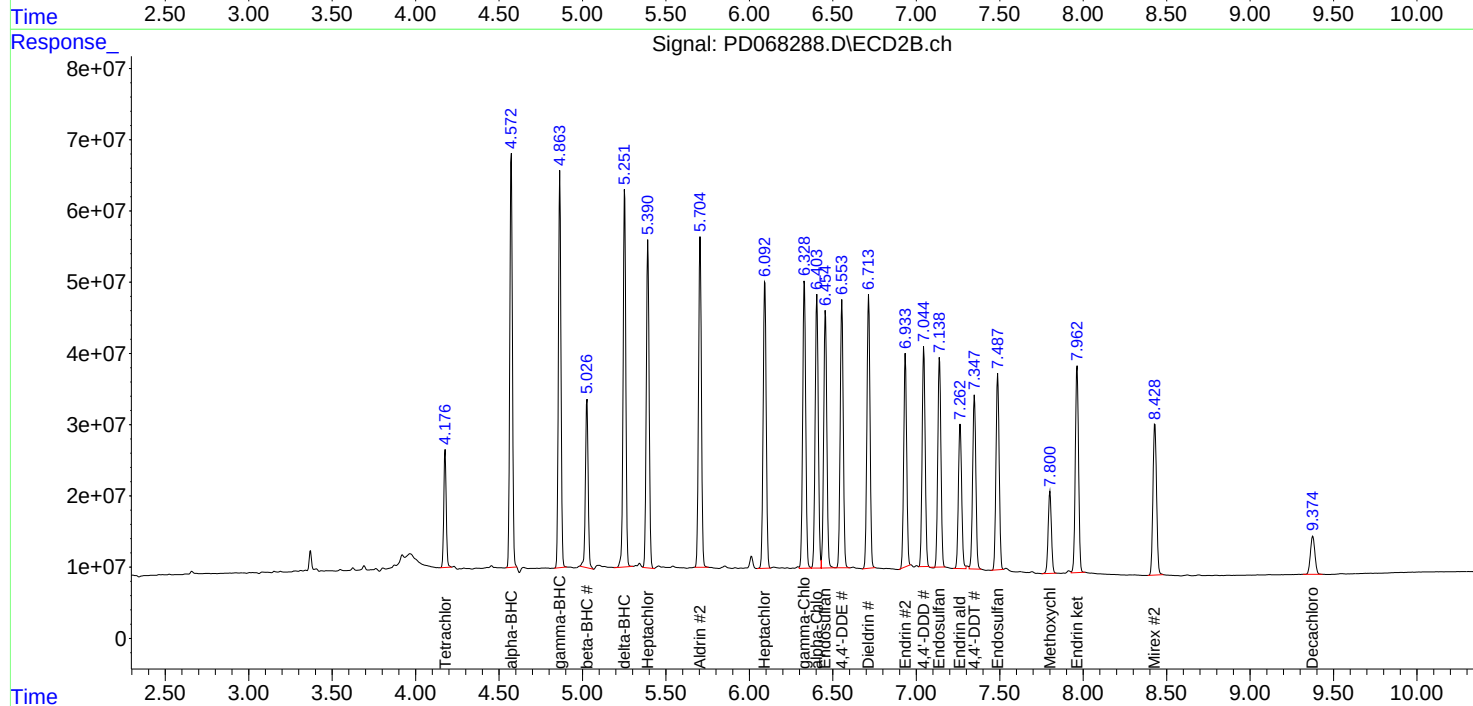
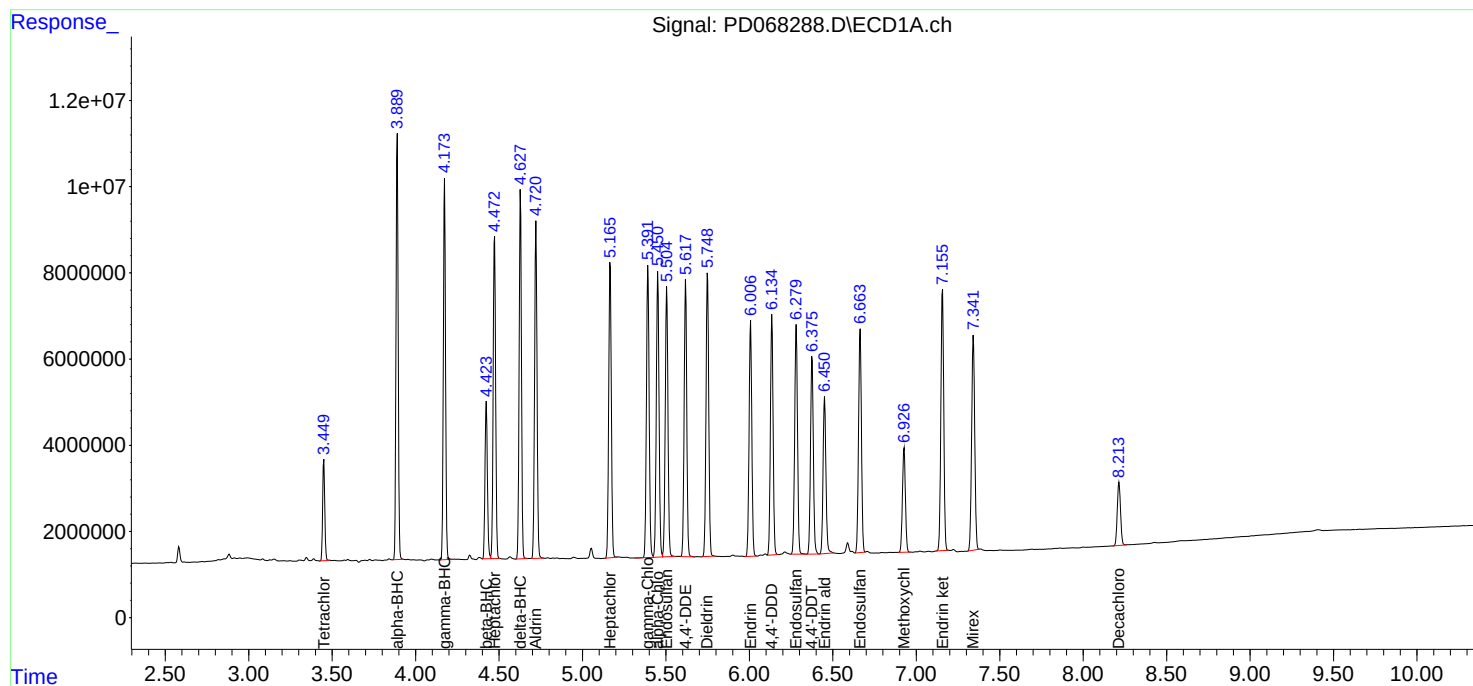
Instrument :
ECD_D
ClientSampleId :
TT-148-IDWSO-20220228MSD

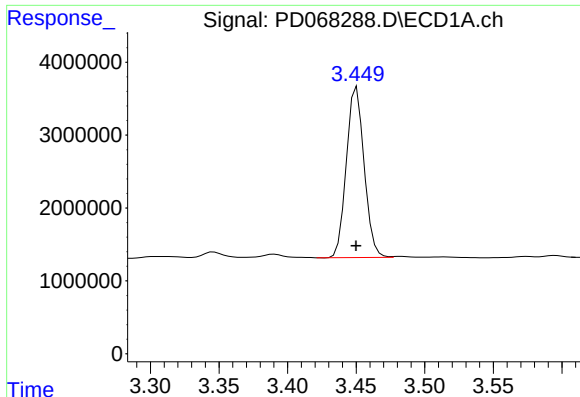
Manual Integrations
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Reviewed By : Abdul Mirza 03/03/2022
Supervised By : Ankita Jodhani 03/03/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 03 00:30:57 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
Quant Title : GC Extractables
QLast Update : Tue Mar 01 06:48:49 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





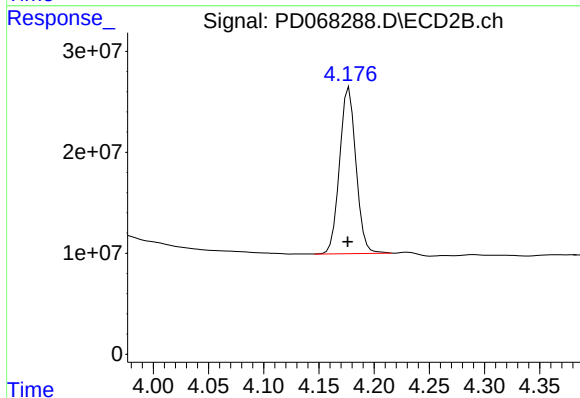
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: 0.000 min
Response: 21067592
Conc: 17.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
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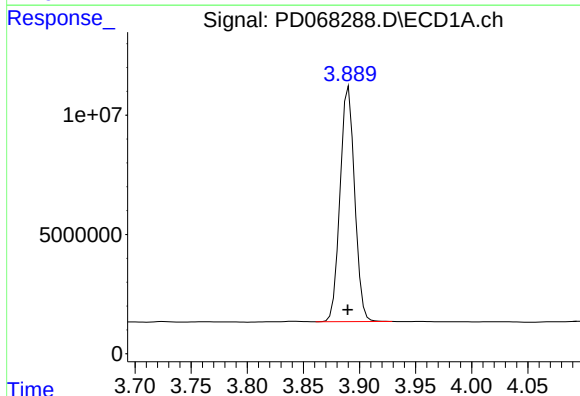
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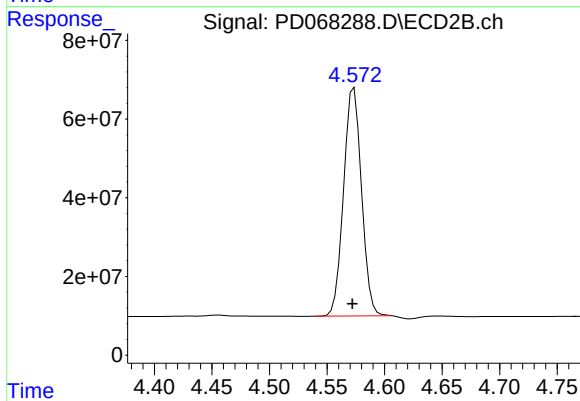
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 170406333
Conc: 17.75 ng/ml m



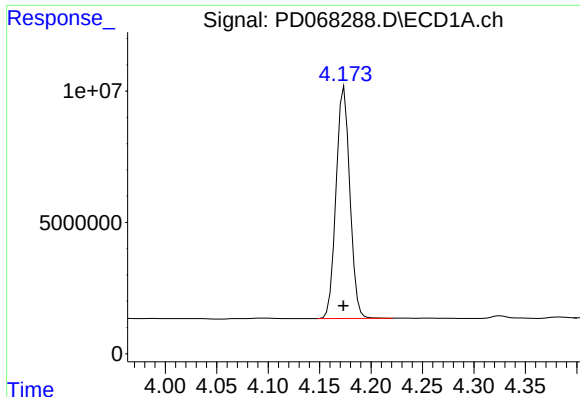
#2 alpha-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 89135187
Conc: 51.95 ng/ml



#2 alpha-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 632089955
Conc: 46.07 ng/ml m



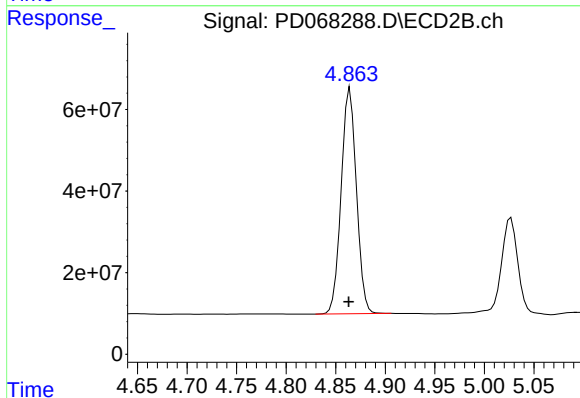
#3 gamma-BHC (Lindane)

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 82265286
Conc: 51.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-148-IDWSO-20220228MSD

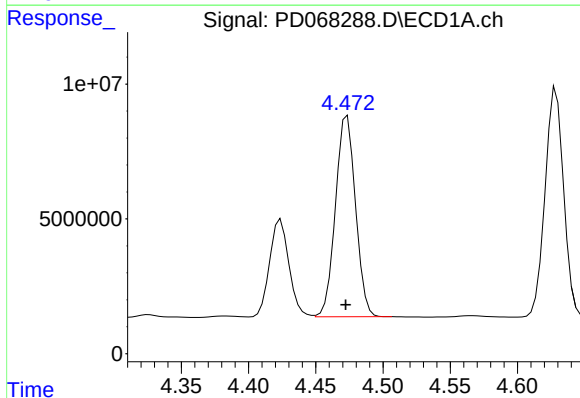
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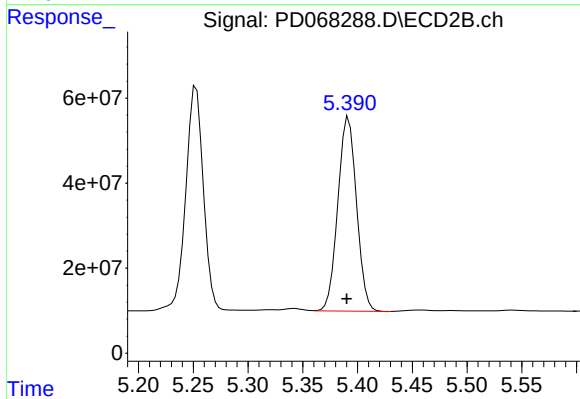
#3 gamma-BHC (Lindane)

R.T.: 4.865 min
Delta R.T.: 0.001 min
Response: 592441511
Conc: 47.78 ng/ml



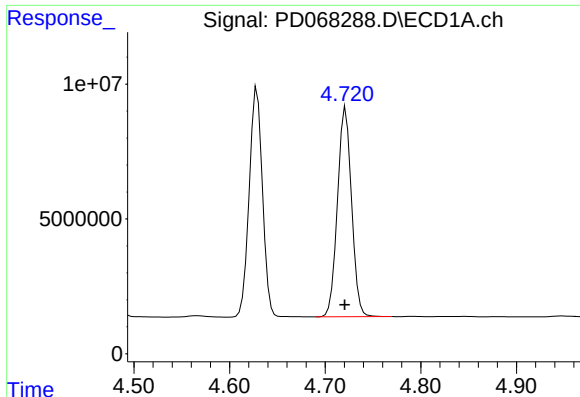
#4 Heptachlor

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 76930065
Conc: 50.96 ng/ml



#4 Heptachlor

R.T.: 5.392 min
Delta R.T.: 0.002 min
Response: 542247001
Conc: 47.87 ng/ml



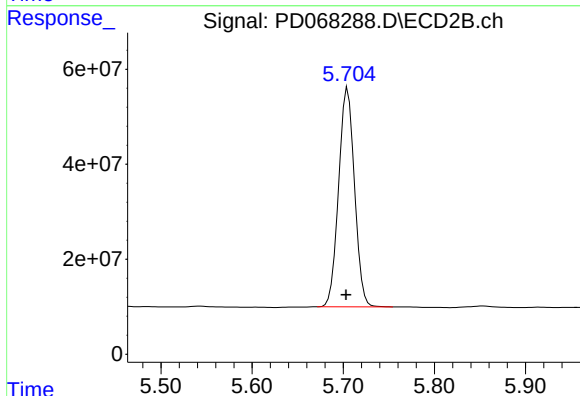
#5 Aldrin

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 79378760
Conc: 50.68 ng/ml

Instrument :
ECD_D
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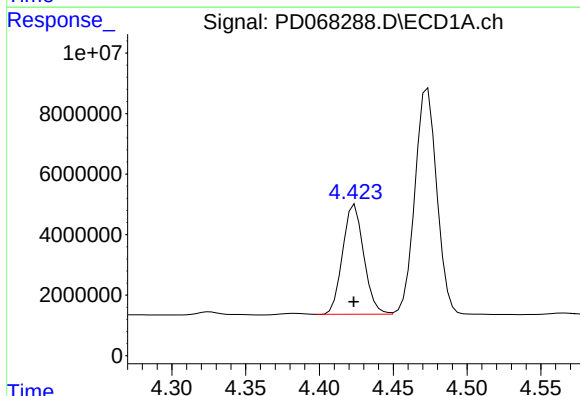
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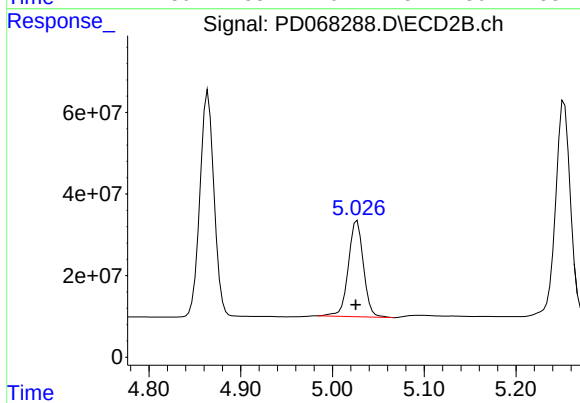
#5 Aldrin

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 558175318
Conc: 47.21 ng/ml m



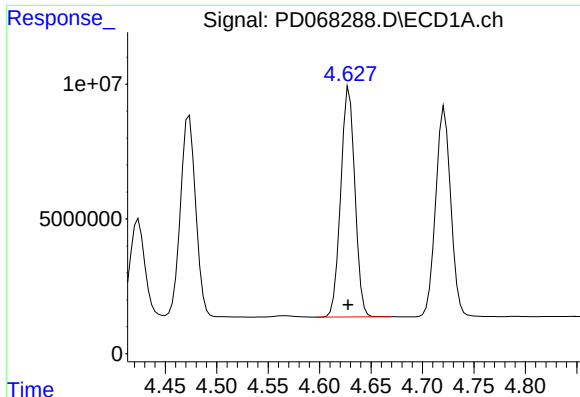
#6 beta-BHC

R.T.: 4.424 min
Delta R.T.: 0.000 min
Response: 36205425
Conc: 51.60 ng/ml



#6 beta-BHC

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 269337821
Conc: 49.83 ng/ml m



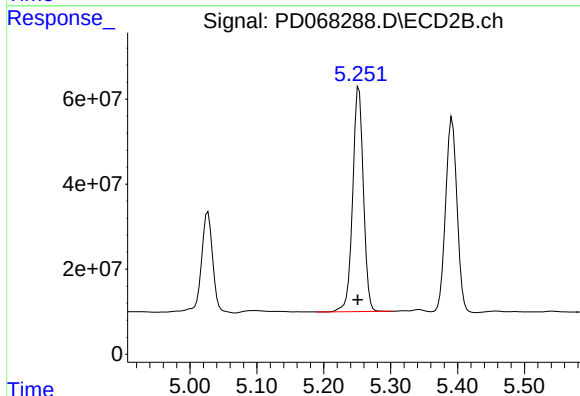
#7 delta-BHC

R.T.: 4.629 min
Delta R.T.: 0.001 min
Response: 81589959
Conc: 50.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-148-IDWSO-20220228MSD

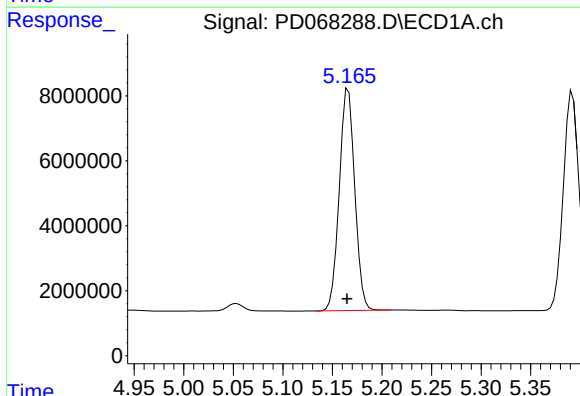
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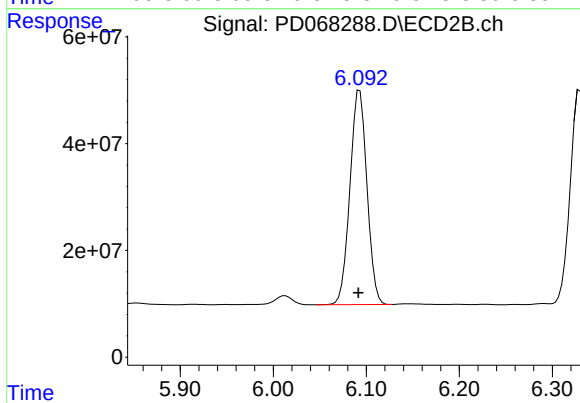
#7 delta-BHC

R.T.: 5.253 min
Delta R.T.: 0.002 min
Response: 591211829
Conc: 47.53 ng/ml



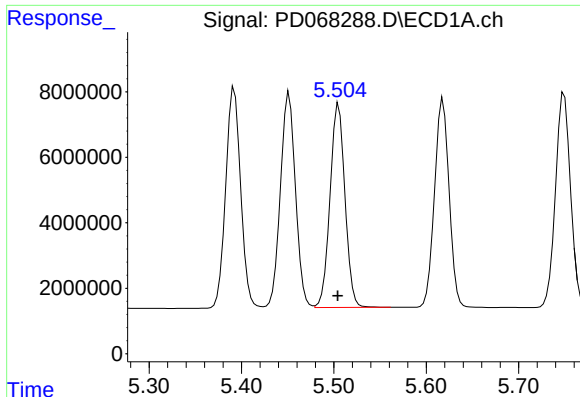
#8 Heptachlor epoxide

R.T.: 5.166 min
Delta R.T.: 0.001 min
Response: 74227432
Conc: 50.91 ng/ml



#8 Heptachlor epoxide

R.T.: 6.093 min
Delta R.T.: 0.001 min
Response: 510721288
Conc: 47.65 ng/ml



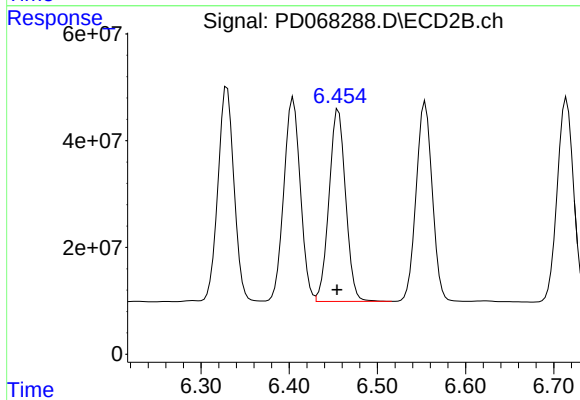
#9 Endosulfan I

R.T.: 5.505 min
Delta R.T.: 0.001 min
Response: 69983658
Conc: 51.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-148-IDWSO-20220228MSD

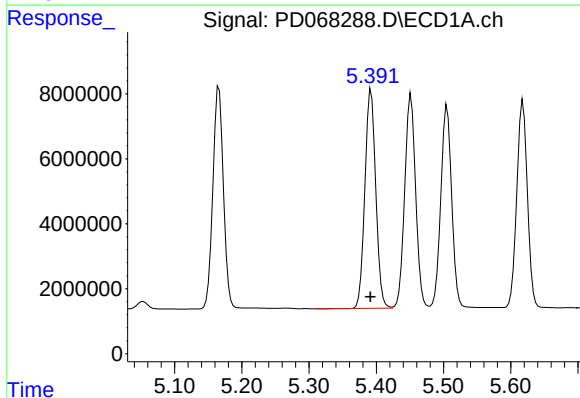
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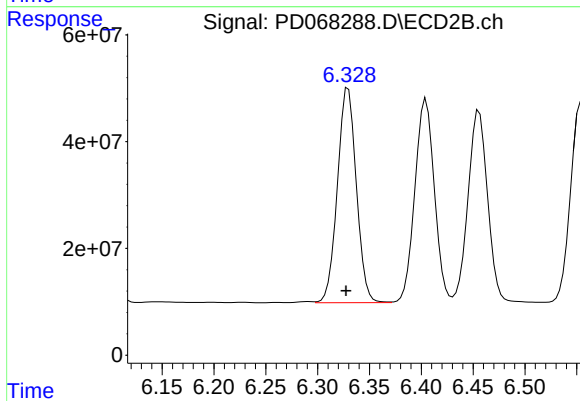
#9 Endosulfan I

R.T.: 6.456 min
Delta R.T.: 0.002 min
Response: 47122259
Conc: 48.84 ng/ml



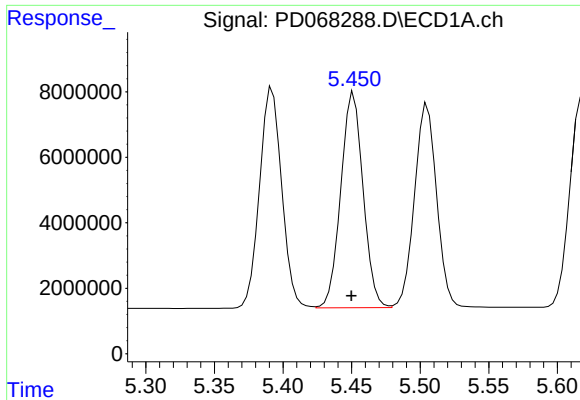
#10 gamma-Chlordane

R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 75686946
Conc: 50.84 ng/ml



#10 gamma-Chlordane

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 511221985
Conc: 48.35 ng/ml



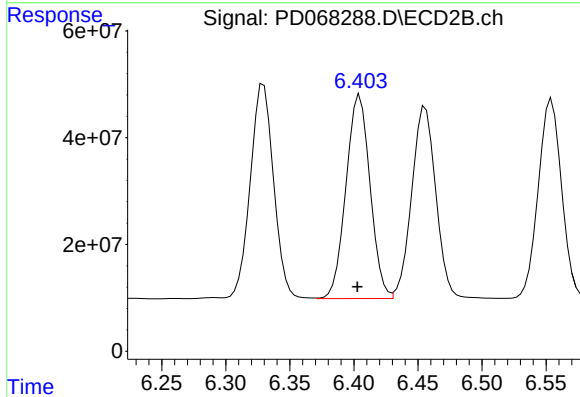
#11 alpha-Chlordane

R.T.: 5.452 min
Delta R.T.: 0.002 min
Response: 74532688
Conc: 50.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-148-IDWSO-20220228MSD

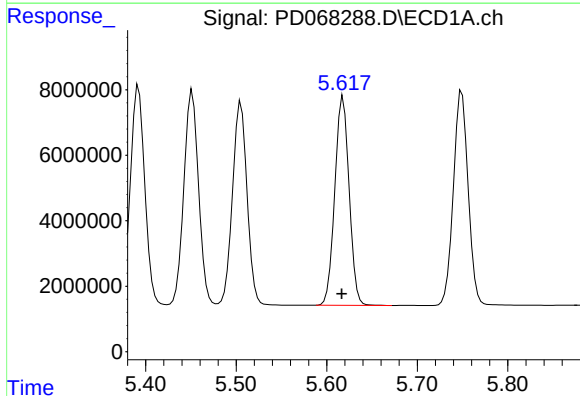
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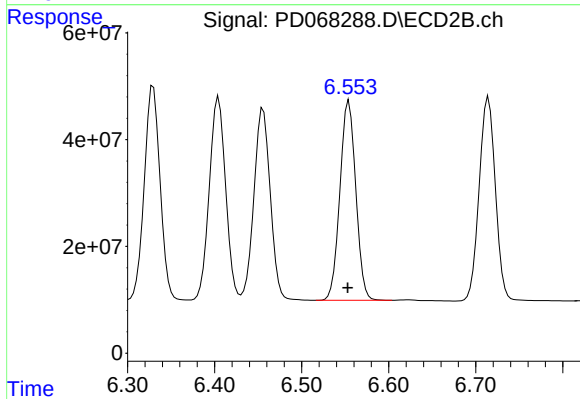
#11 alpha-Chlordane

R.T.: 6.405 min
Delta R.T.: 0.002 min
Response: 498474734
Conc: 48.36 ng/ml



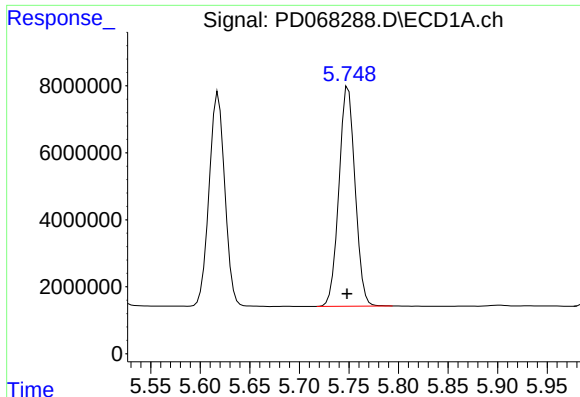
#12 4,4'-DDE

R.T.: 5.618 min
Delta R.T.: 0.001 min
Response: 70186669
Conc: 51.46 ng/ml



#12 4,4'-DDE

R.T.: 6.554 min
Delta R.T.: 0.002 min
Response: 473707964
Conc: 48.45 ng/ml



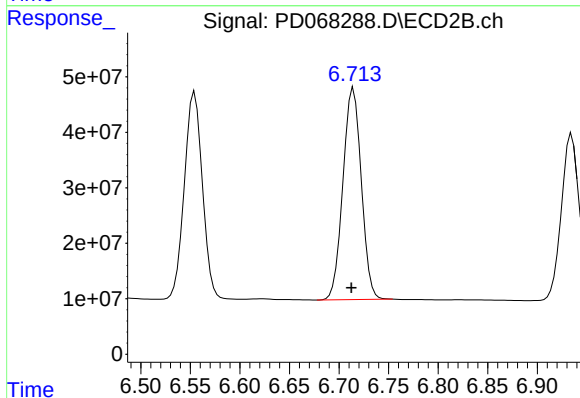
#13 Dieldrin

R.T.: 5.749 min
Delta R.T.: 0.001 min
Response: 74370598
Conc: 50.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-148-IDWSO-20220228MSD

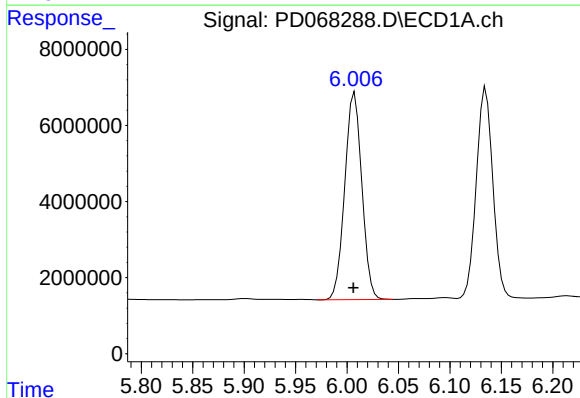
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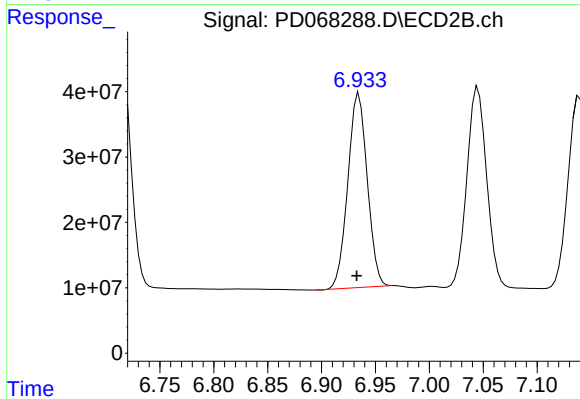
#13 Dieldrin

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 492556549
Conc: 47.80 ng/ml



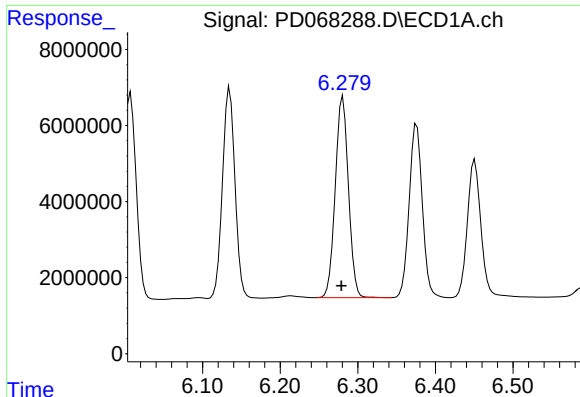
#14 Endrin

R.T.: 6.007 min
Delta R.T.: 0.001 min
Response: 62876939
Conc: 50.90 ng/ml



#14 Endrin

R.T.: 6.935 min
Delta R.T.: 0.002 min
Response: 373695392
Conc: 48.59 ng/ml



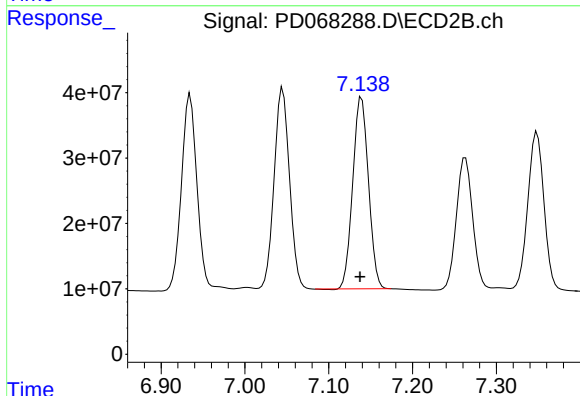
#15 Endosulfan II

R.T.: 6.281 min
Delta R.T.: 0.002 min
Response: 62416561
Conc: 49.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-148-IDWSO-20220228MSD

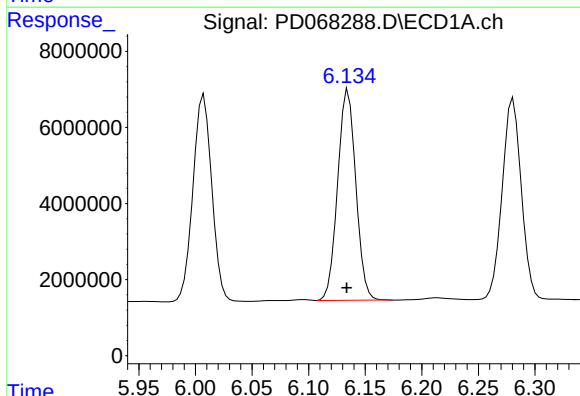
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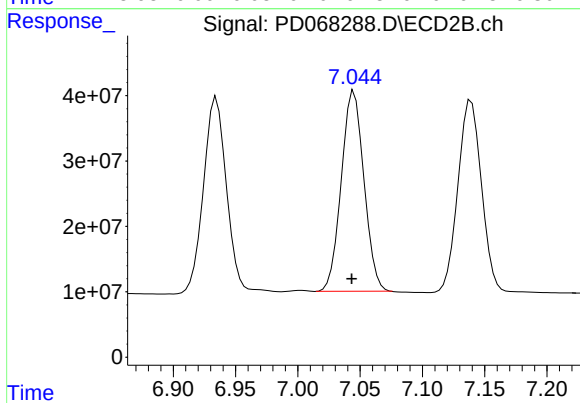
#15 Endosulfan II

R.T.: 7.139 min
Delta R.T.: 0.002 min
Response: 382589024
Conc: 46.56 ng/ml



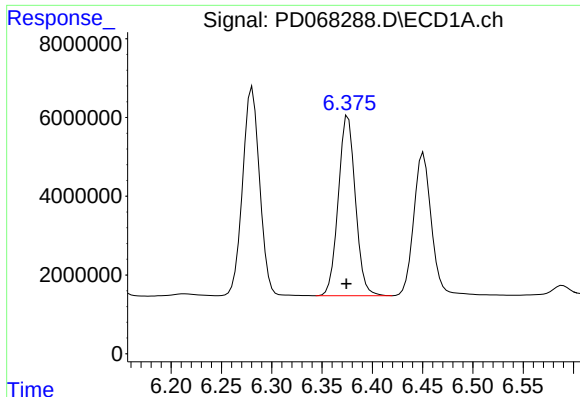
#16 4,4'-DDD

R.T.: 6.135 min
Delta R.T.: 0.001 min
Response: 62038114
Conc: 52.31 ng/ml



#16 4,4'-DDD

R.T.: 7.045 min
Delta R.T.: 0.002 min
Response: 389385603
Conc: 49.48 ng/ml



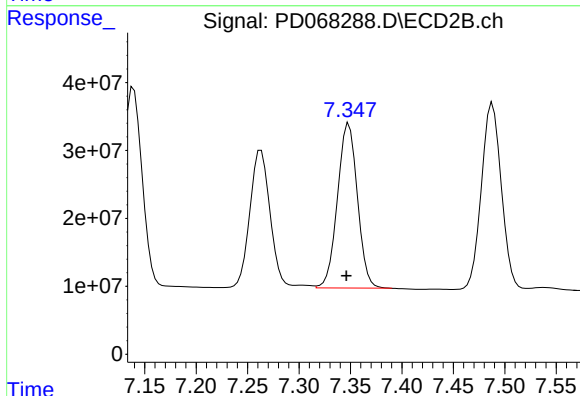
#17 4,4'-DDT

R.T.: 6.376 min
Delta R.T.: 0.002 min
Response: 53892455
Conc: 48.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-148-IDWSO-20220228MSD

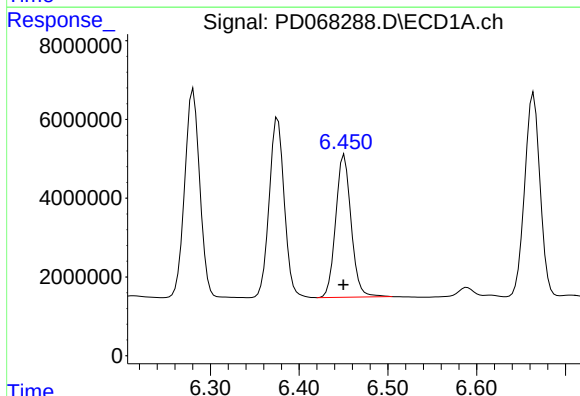
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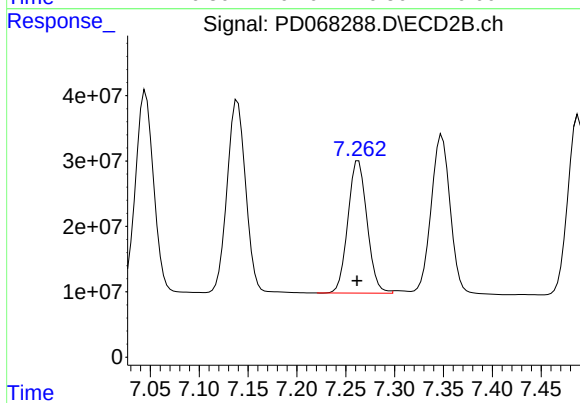
#17 4,4'-DDT

R.T.: 7.349 min
Delta R.T.: 0.002 min
Response: 327587103
Conc: 46.30 ng/ml



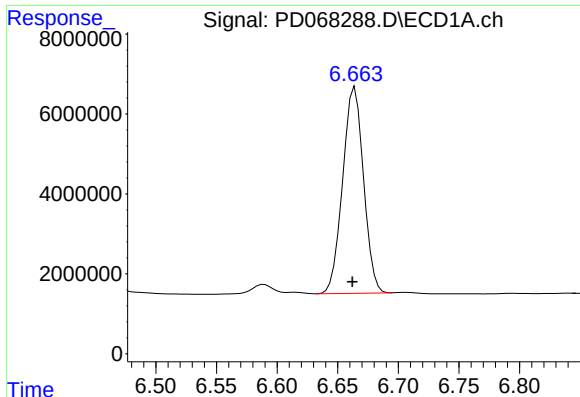
#18 Endrin aldehyde

R.T.: 6.451 min
Delta R.T.: 0.001 min
Response: 43666932
Conc: 47.64 ng/ml



#18 Endrin aldehyde

R.T.: 7.263 min
Delta R.T.: 0.002 min
Response: 276603010
Conc: 45.97 ng/ml



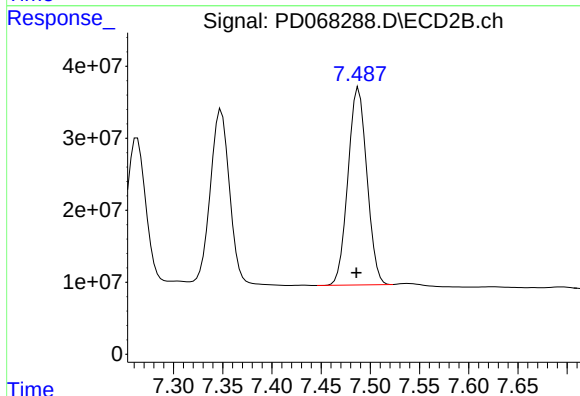
#19 Endosulfan Sulfate

R.T.: 6.664 min
Delta R.T.: 0.002 min
Response: 61756485
Conc: 49.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-148-IDWSO-20220228MSD

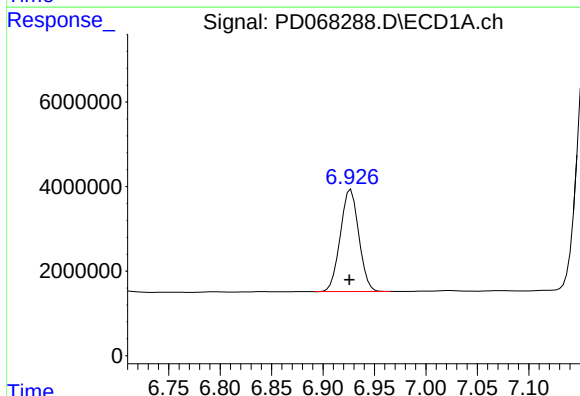
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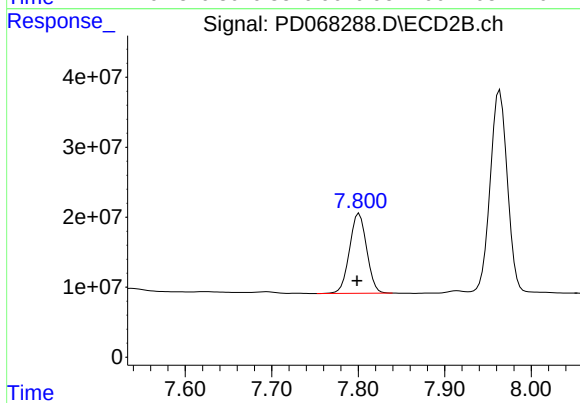
#19 Endosulfan Sulfate

R.T.: 7.488 min
Delta R.T.: 0.002 min
Response: 366663252
Conc: 47.13 ng/ml



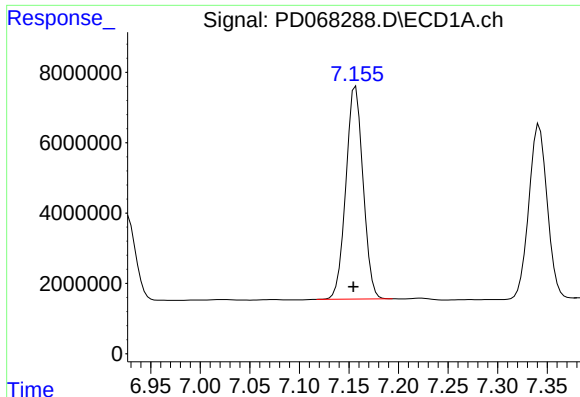
#20 Methoxychlor

R.T.: 6.927 min
Delta R.T.: 0.002 min
Response: 30199565
Conc: 46.54 ng/ml



#20 Methoxychlor

R.T.: 7.801 min
Delta R.T.: 0.002 min
Response: 157581761
Conc: 45.35 ng/ml



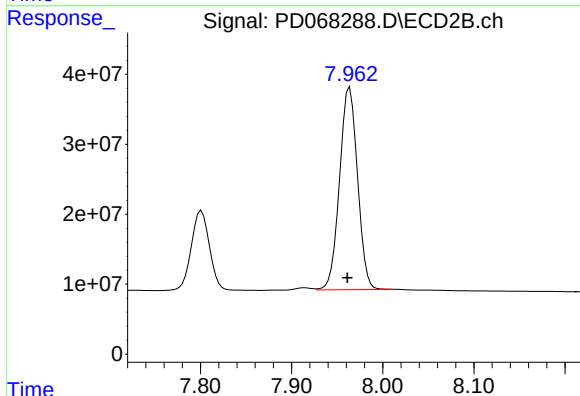
#21 Endrin ketone

R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 72925068
Conc: 49.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-148-IDWSO-20220228MSD

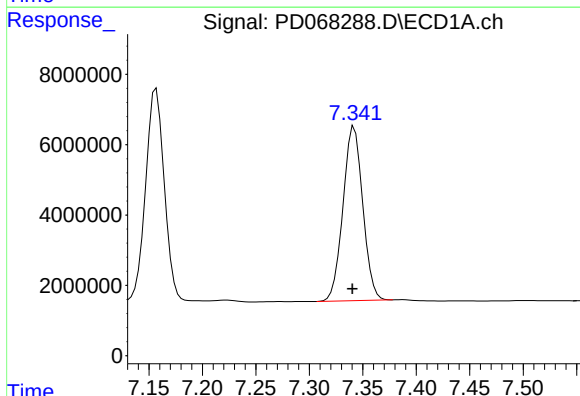
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/03/2022
Supervised By :Ankita Jodhani 03/03/2022



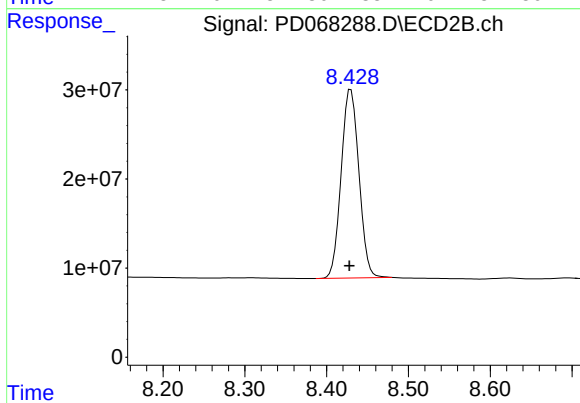
#21 Endrin ketone

R.T.: 7.964 min
Delta R.T.: 0.003 min
Response: 396208268
Conc: 47.20 ng/ml



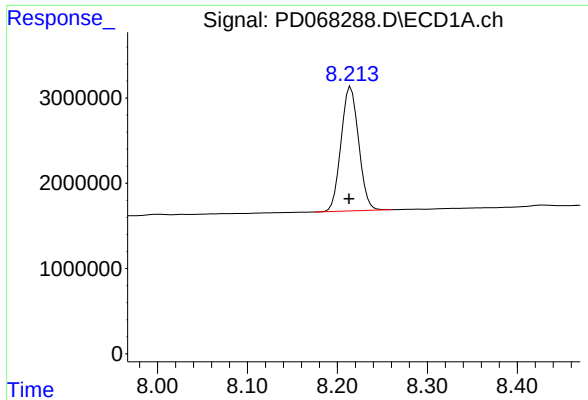
#22 Mirex

R.T.: 7.342 min
Delta R.T.: 0.002 min
Response: 63726903
Conc: 50.28 ng/ml



#22 Mirex

R.T.: 8.430 min
Delta R.T.: 0.002 min
Response: 318774809
Conc: 49.84 ng/ml



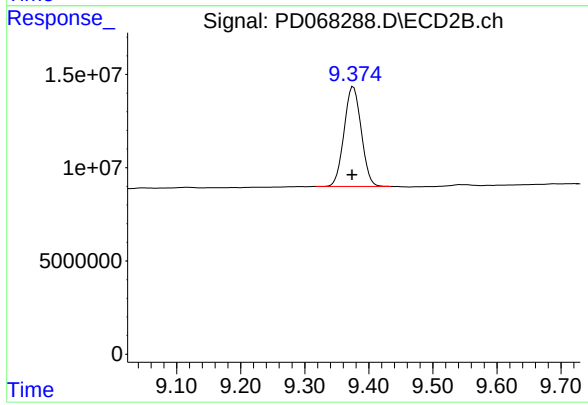
#28 Decachlorobiphenyl

R.T.: 8.215 min
Delta R.T.: 0.002 min
Response: 19786527
Conc: 17.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-148-IDWSO-20220228MSD

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#28 Decachlorobiphenyl

R.T.: 9.376 min
Delta R.T.: 0.002 min
Response: 99625692
Conc: 16.80 ng/ml