

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031122\
 Data File : PD068488.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2022 13:59
 Operator : AR\AJ
 Sample : N1884-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HR-03-031022MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/14/2022
 Supervised By :Ankita Jodhani 03/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 23:12:11 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...	3.449	4.175	26819921	214.3E6	22.879	22.329
28)	SA Decachlor...	8.210	9.371	28127711	134.5E6	24.171	22.680
Target Compounds							
2)	A alpha-BHC	3.889	4.571	92580295	672.5E6	53.954	49.014
3)	MA gamma-BHC...	4.172	4.862	86081277	611.9E6	54.056	49.347
4)	MA Heptachlor	4.471	5.389	84812206	586.7E6	56.181	51.802
5)	MB Aldrin	4.717	5.702	56236302	575.5E6	35.906m	48.675 #
6)	B beta-BHC	4.422	5.024	36851337	305.7E6	52.520	56.557
7)	B delta-BHC	4.626	5.249	85985562	604.4E6	53.292	48.592m
8)	B Heptachlo...	5.163	6.090	77564157	520.2E6	53.203	48.541
9)	A Endosulfan I	5.502	6.453	72664182	475.1E6	53.282	49.233
10)	B gamma-Chl...	5.389	6.327	79242560	514.6E6	53.231	48.666
11)	B alpha-Chl...	5.448	6.402	77160364	500.7E6	52.511	48.580
12)	B 4,4'-DDE	5.614	6.551	72327351	469.0E6	53.026	47.972
13)	MA Dieldrin	5.746	6.711	76766766	482.2E6	52.205	46.789
14)	MA Endrin	6.003	6.931	69019295	399.8E6	55.871	51.986
15)	B Endosulfa...	6.278	7.136	63759714	377.9E6	50.113	45.988
16)	A 4,4'-DDD	6.131	7.042	61754430	380.7E6	52.073	48.376
17)	MA 4,4'-DDT	6.372	7.346	63479200	375.0E6	57.563	52.998
18)	B Endrin al...	6.448	7.261	47097378	291.2E6	51.388	48.387
19)	B Endosulfa...	6.660	7.485	65784418	370.4E6	52.201	47.609
20)	A Methoxychlor	6.923	7.799	34915700	182.4E6	53.808	52.506
21)	B Endrin ke...	7.153	7.961	73868058	391.1E6	50.173	46.584
22)	Mirex	7.338	8.426	65578636	303.0E6	51.738	47.369

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031122\
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 Acq On : 11 Mar 2022 13:59
 Operator : AR\AJ
 Sample : N1884-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

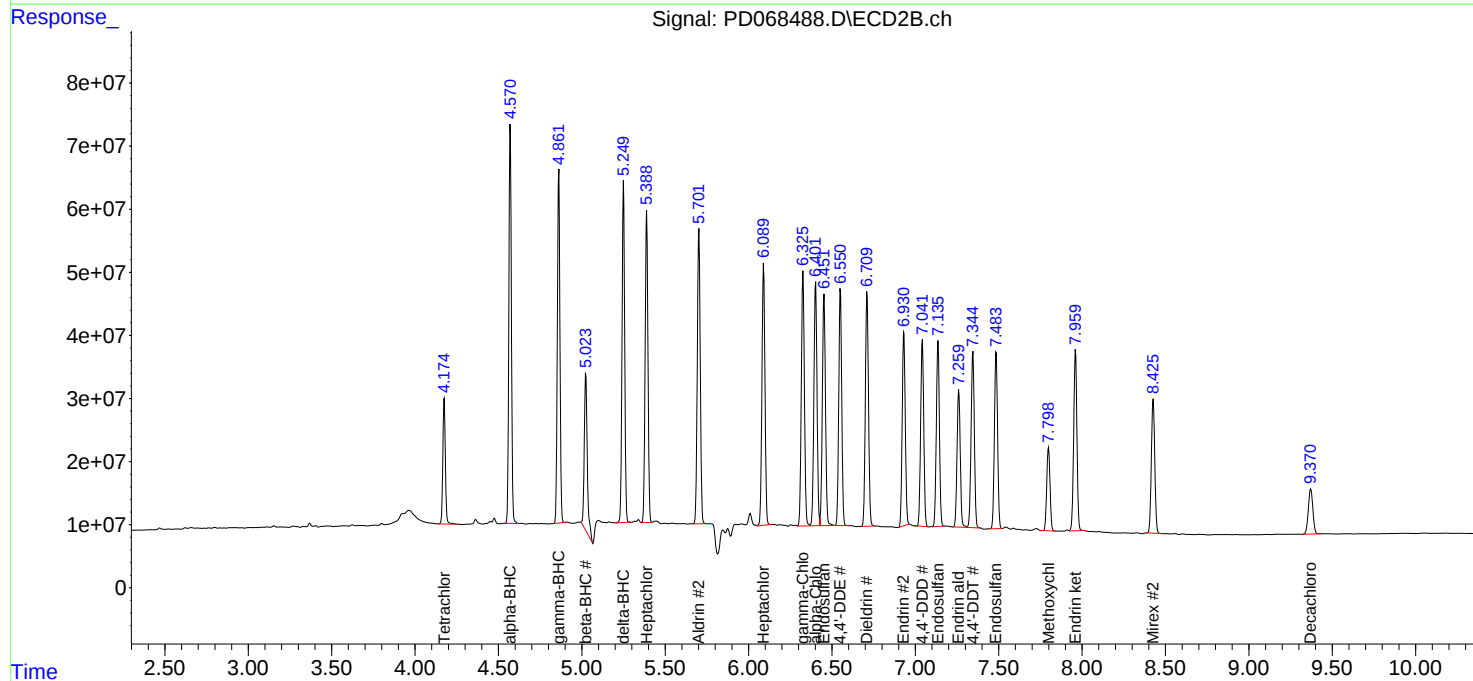
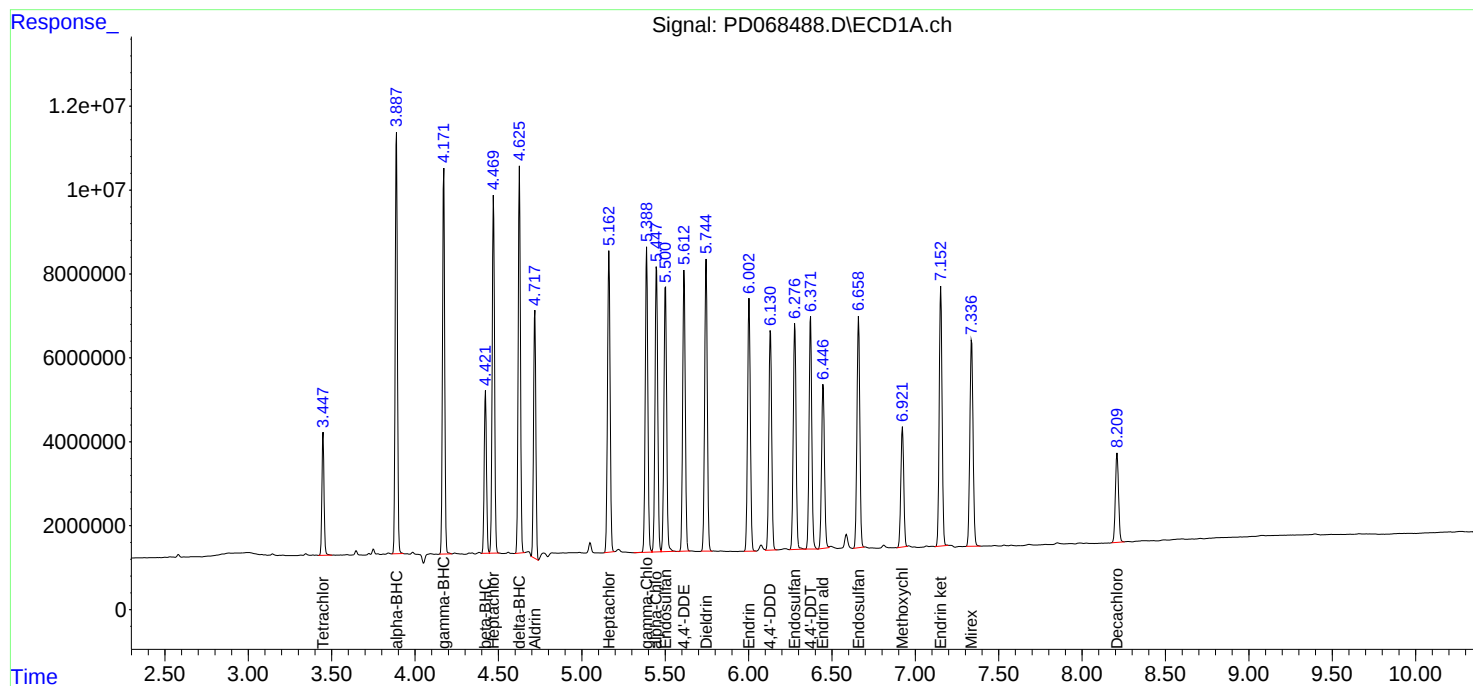
Instrument :
 ECD_D
 ClientSampleId :
 HR-03-031022MSD

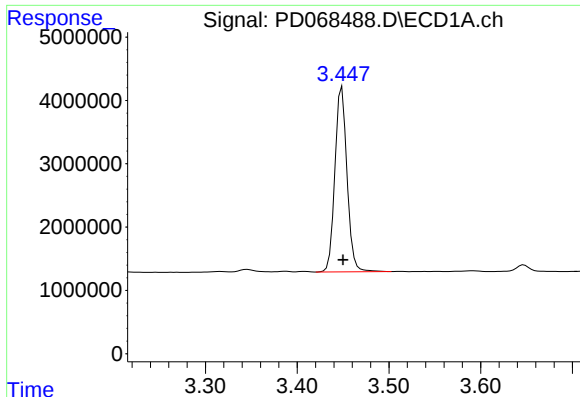
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 03/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 23:12:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
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Volume Inj. : 2 µl
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 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





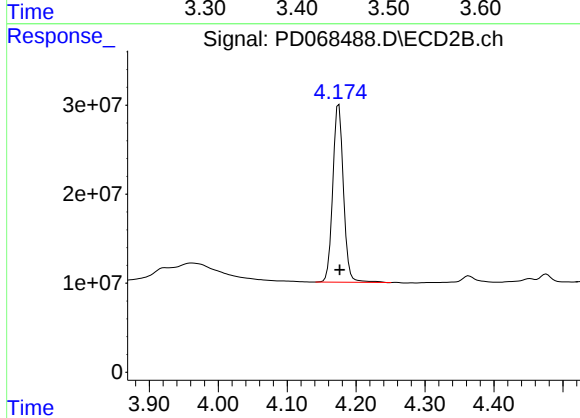
#1 Tetrachloro-m-xylene

R.T.: 3.449 min
Delta R.T.: -0.001 min
Response: 26819921
Conc: 22.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-03-031022MSD

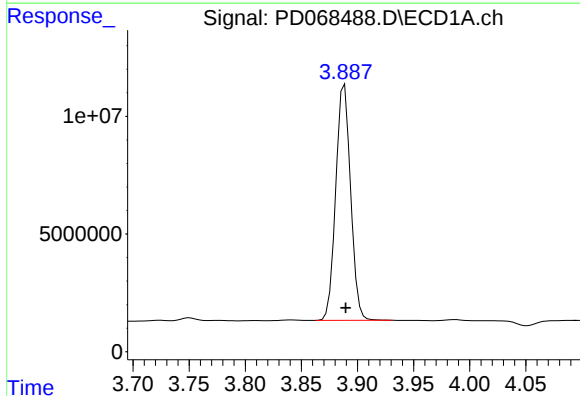
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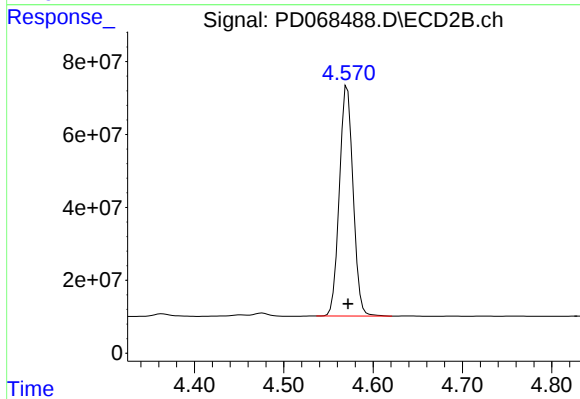
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 214314059
Conc: 22.33 ng/ml



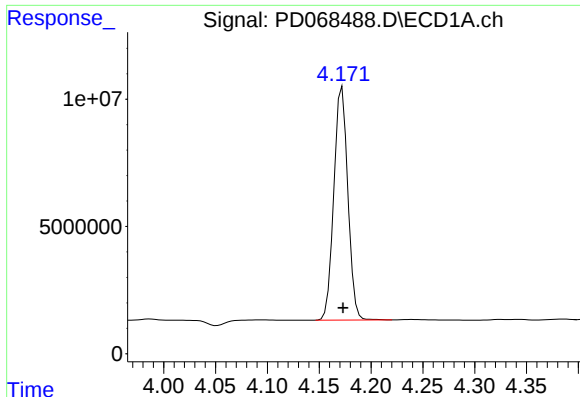
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: -0.001 min
Response: 92580295
Conc: 53.95 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 672544049
Conc: 49.01 ng/ml



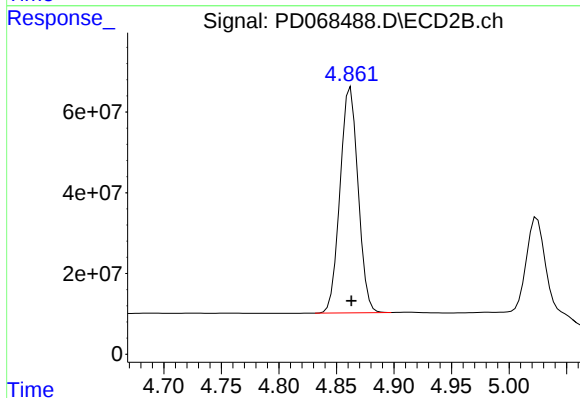
#3 gamma-BHC (Lindane)

R.T.: 4.172 min
Delta R.T.: -0.001 min
Response: 86081277
Conc: 54.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-03-031022MSD

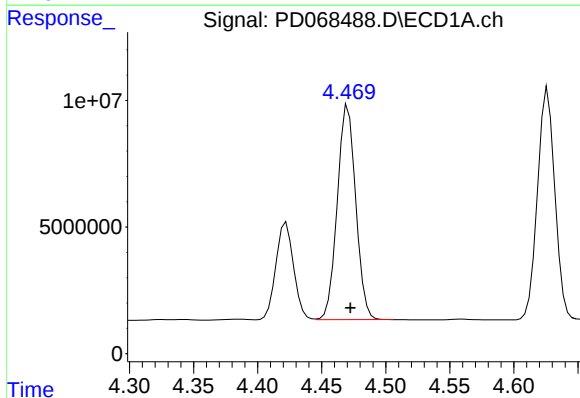
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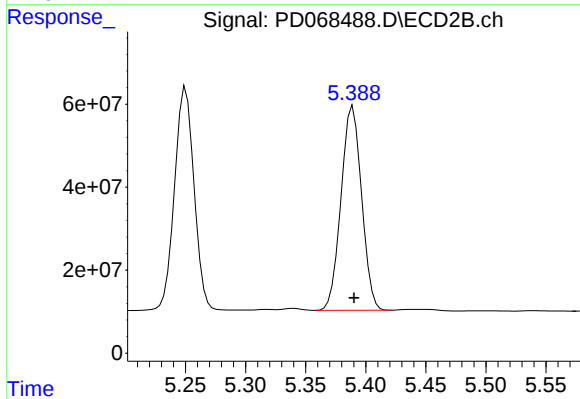
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 611879175
Conc: 49.35 ng/ml



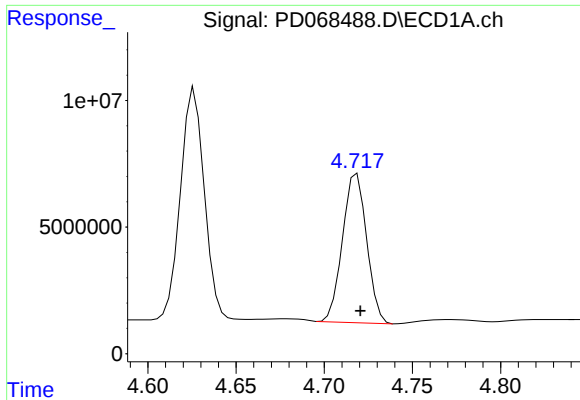
#4 Heptachlor

R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 84812206
Conc: 56.18 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 586745195
Conc: 51.80 ng/ml



#5 Aldrin

R.T.: 4.717 min
Delta R.T.: -0.003 min
Response: 56236302
Conc: 35.91 ng/ml

Instrument :

ECD_D

ClientSampleId :

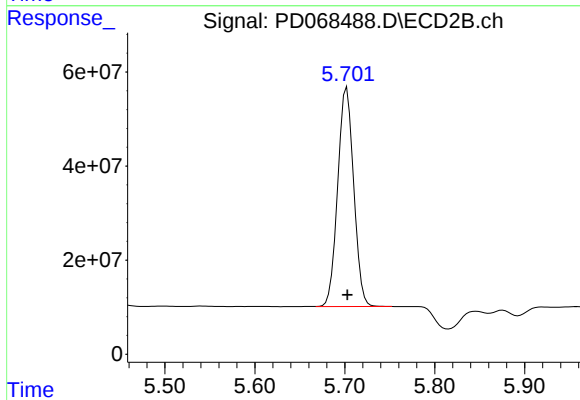
HR-03-031022MSD

Manual Integrations

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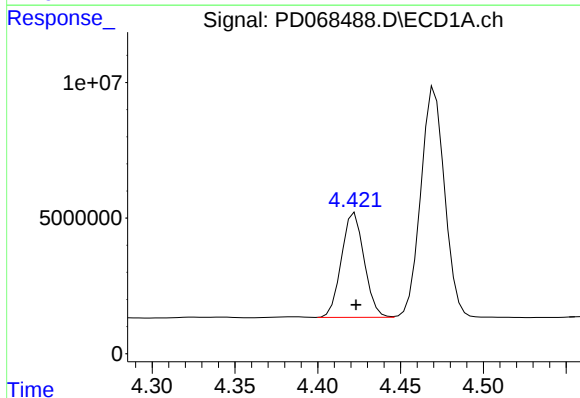
Reviewed By :Abdul Mirza 03/14/2022

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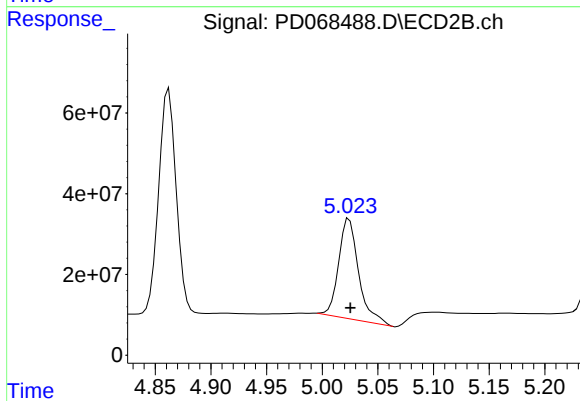
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 575518663
Conc: 48.68 ng/ml



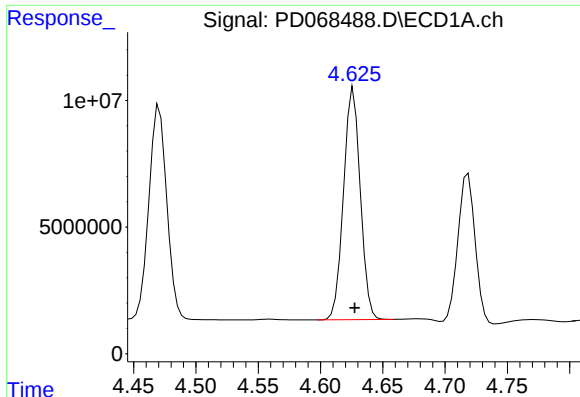
#6 beta-BHC

R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 36851337
Conc: 52.52 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: -0.001 min
Response: 305717034
Conc: 56.56 ng/ml



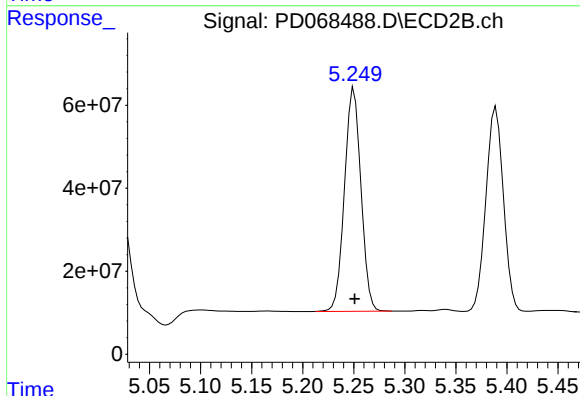
#7 delta-BHC

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 85985562
Conc: 53.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-03-031022MSD

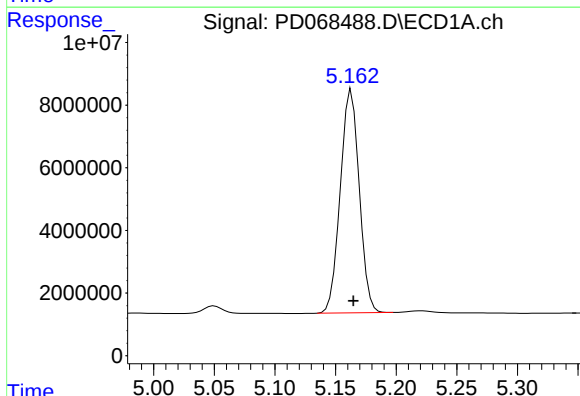
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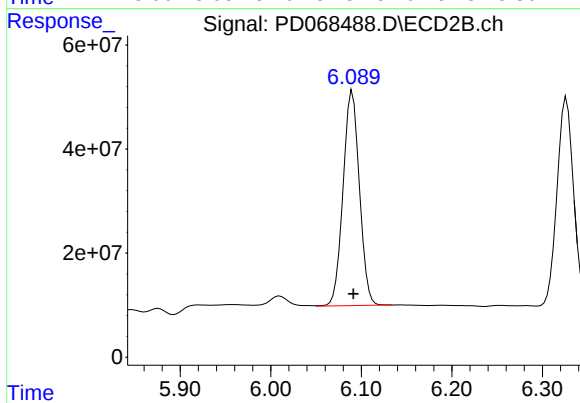
#7 delta-BHC

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 604391656
Conc: 48.59 ng/ml m



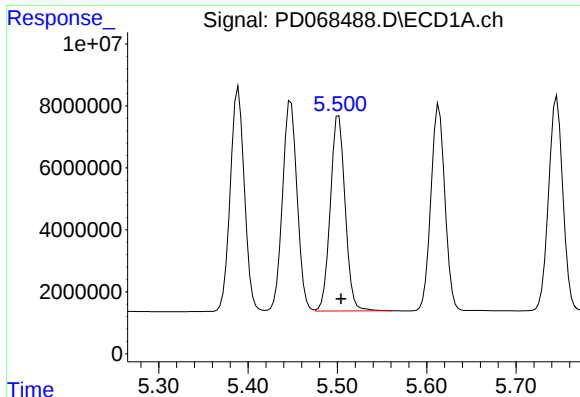
#8 Heptachlor epoxide

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 77564157
Conc: 53.20 ng/ml



#8 Heptachlor epoxide

R.T.: 6.090 min
Delta R.T.: -0.001 min
Response: 520243845
Conc: 48.54 ng/ml



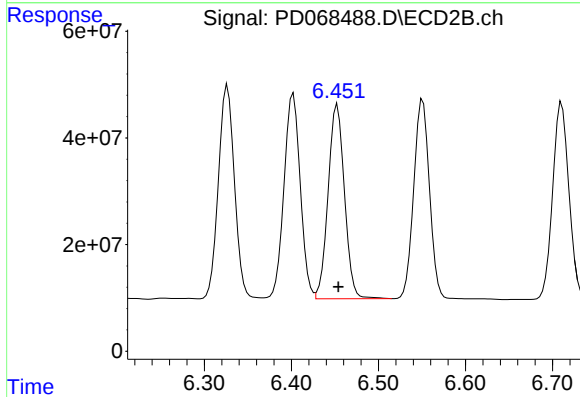
#9 Endosulfan I

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 72664182
Conc: 53.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-03-031022MSD

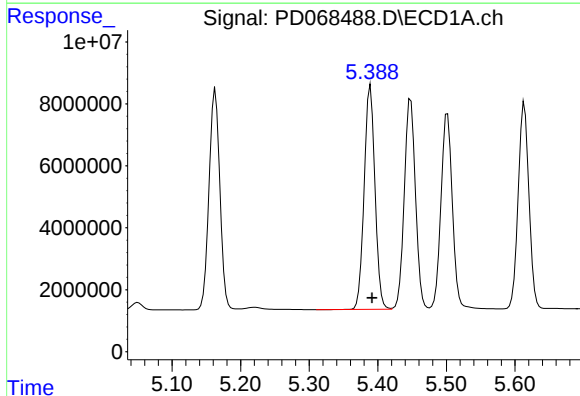
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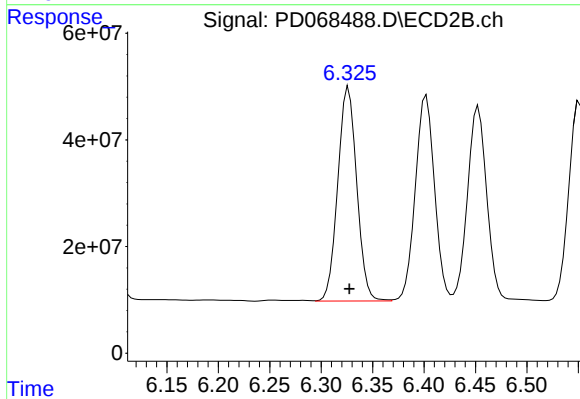
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 475053359
Conc: 49.23 ng/ml



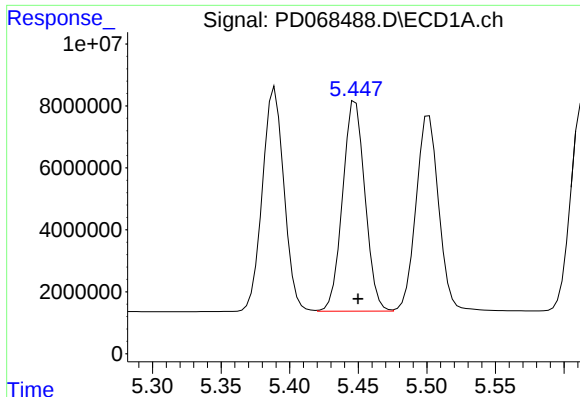
#10 gamma-Chlordane

R.T.: 5.389 min
Delta R.T.: -0.002 min
Response: 79242560
Conc: 53.23 ng/ml



#10 gamma-Chlordane

R.T.: 6.327 min
Delta R.T.: -0.001 min
Response: 514587276
Conc: 48.67 ng/ml



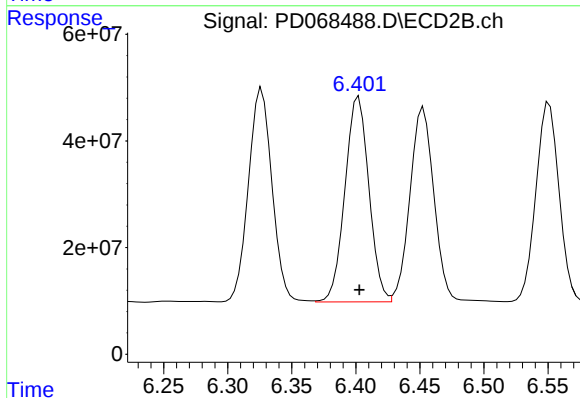
#11 alpha-Chlordane

R.T.: 5.448 min
Delta R.T.: -0.002 min
Response: 77160364
Conc: 52.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-03-031022MSD

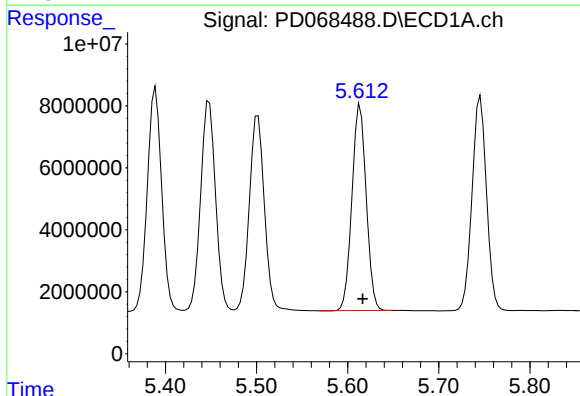
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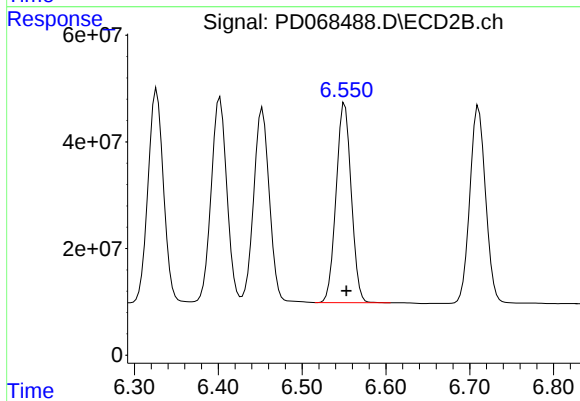
#11 alpha-Chlordane

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 500731081
Conc: 48.58 ng/ml



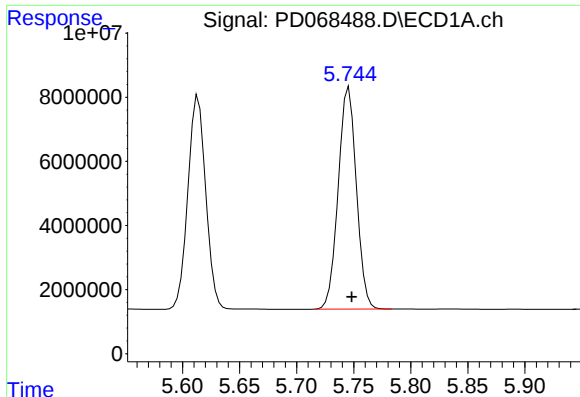
#12 4,4'-DDE

R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 72327351
Conc: 53.03 ng/ml



#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 468987175
Conc: 47.97 ng/ml



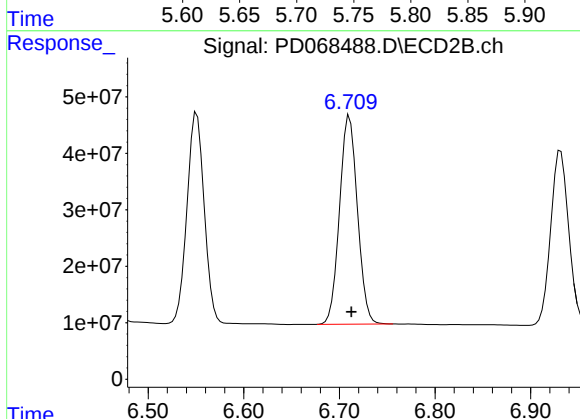
#13 Dieldrin

R.T.: 5.746 min
Delta R.T.: -0.002 min
Response: 76766766
Conc: 52.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-03-031022MSD

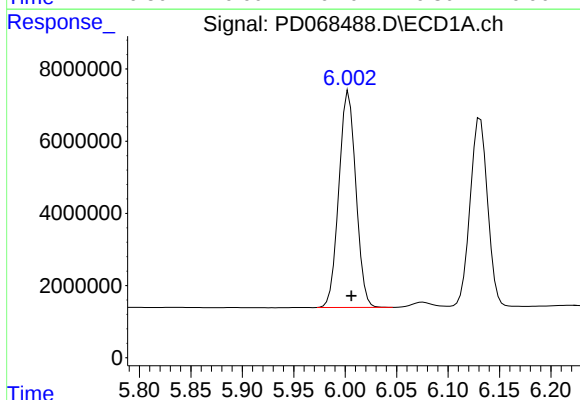
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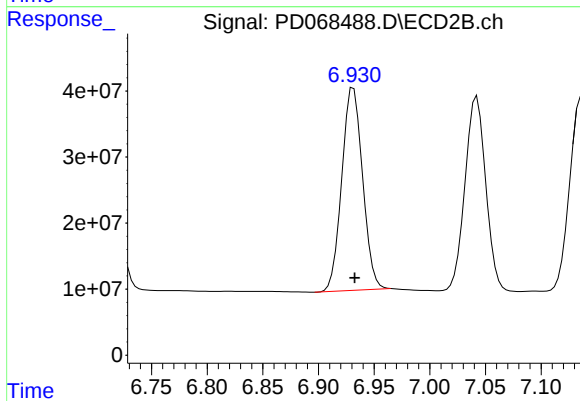
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 482171422
Conc: 46.79 ng/ml



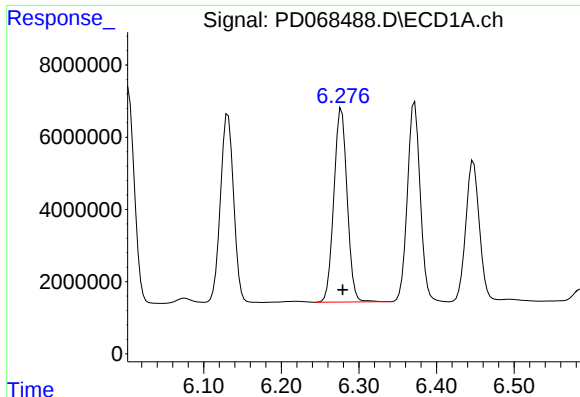
#14 Endrin

R.T.: 6.003 min
Delta R.T.: -0.003 min
Response: 69019295
Conc: 55.87 ng/ml



#14 Endrin

R.T.: 6.931 min
Delta R.T.: -0.001 min
Response: 399800618
Conc: 51.99 ng/ml



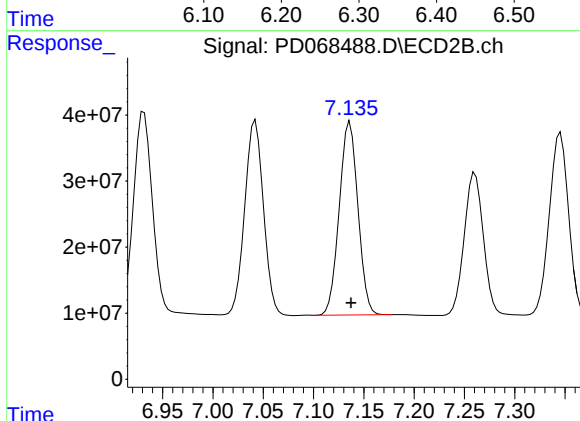
#15 Endosulfan II

R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 63759714
Conc: 50.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-03-031022MSD

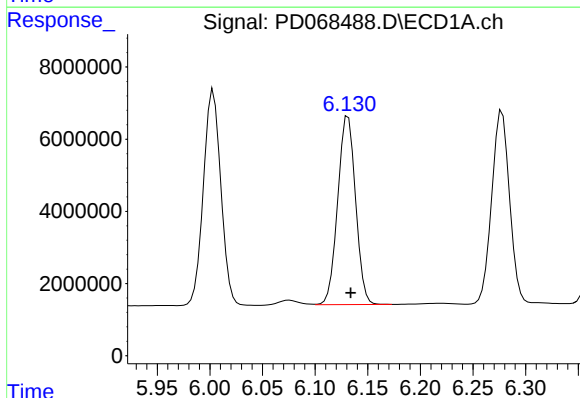
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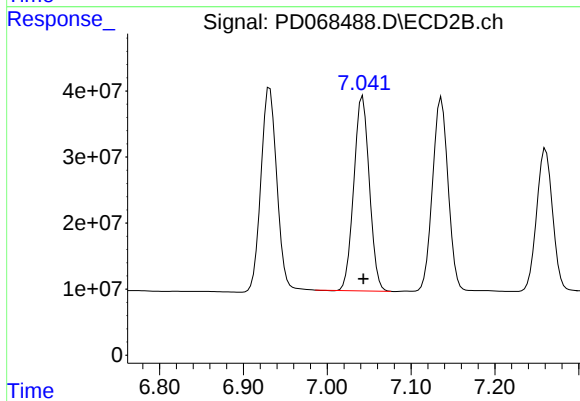
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 377892837
Conc: 45.99 ng/ml



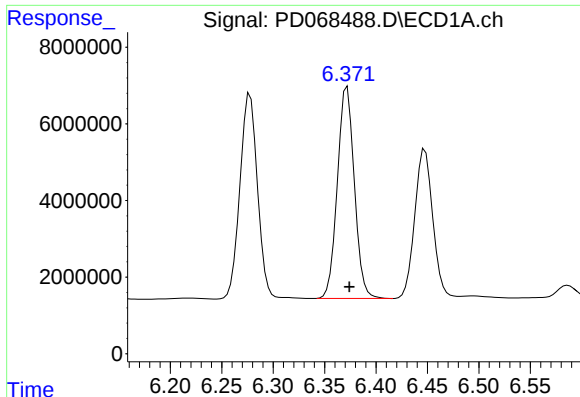
#16 4,4'-DDD

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 61754430
Conc: 52.07 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 380721896
Conc: 48.38 ng/ml



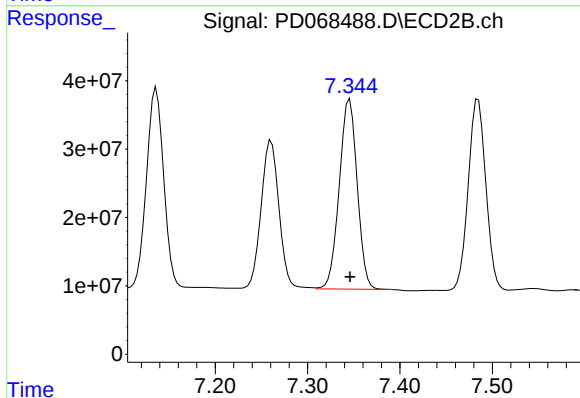
#17 4,4'-DDT

R.T.: 6.372 min
Delta R.T.: -0.002 min
Response: 63479200
Conc: 57.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-03-031022MSD

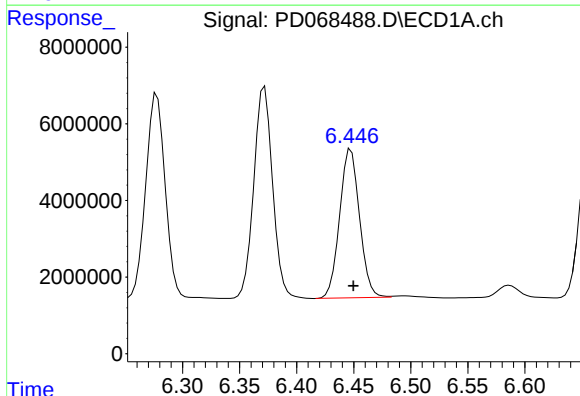
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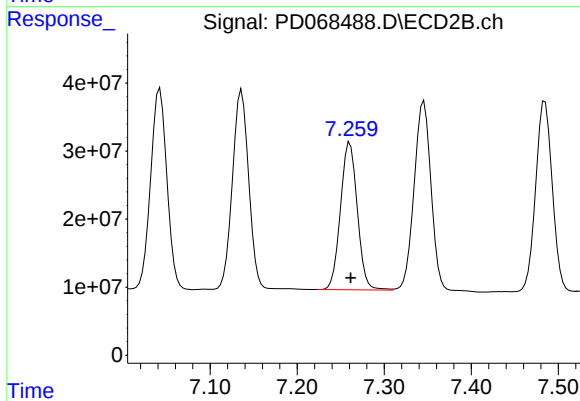
#17 4,4'-DDT

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 374983561
Conc: 53.00 ng/ml



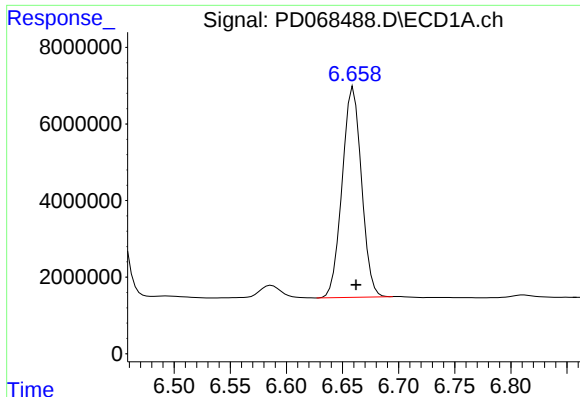
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 47097378
Conc: 51.39 ng/ml



#18 Endrin aldehyde

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 291173419
Conc: 48.39 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.660 min
Delta R.T.: -0.002 min
Response: 65784418
Conc: 52.20 ng/ml

Instrument :

ECD_D

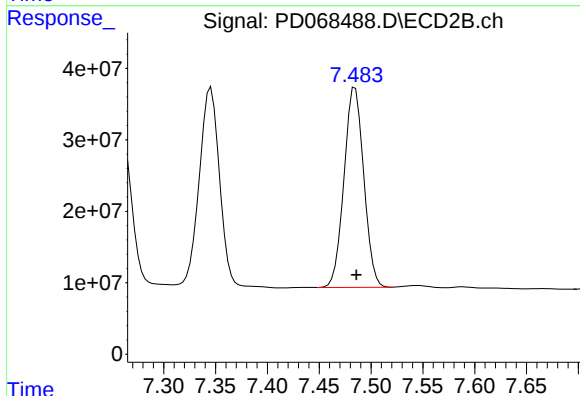
ClientSampleId :

HR-03-031022MSD

Manual Integrations

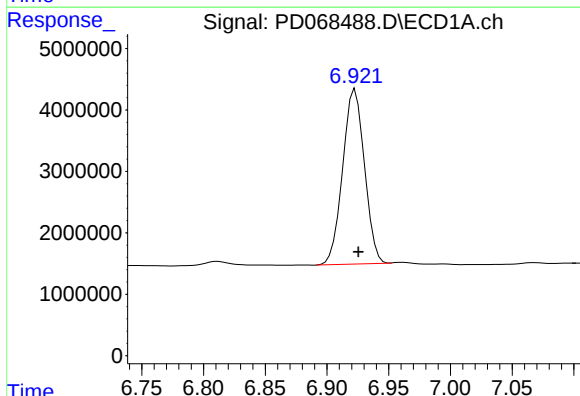
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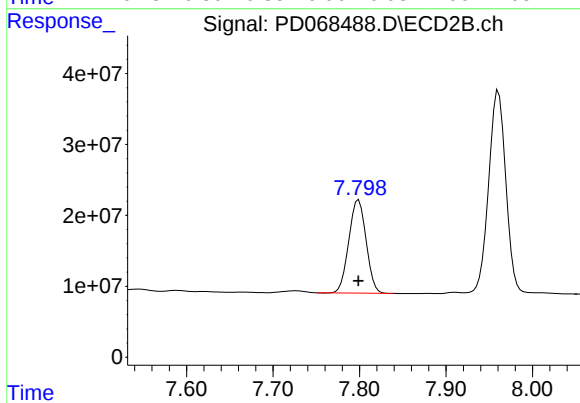
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: -0.001 min
Response: 370412095
Conc: 47.61 ng/ml



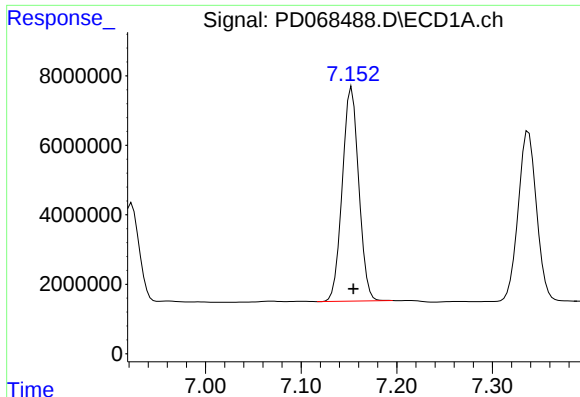
#20 Methoxychlor

R.T.: 6.923 min
Delta R.T.: -0.003 min
Response: 34915700
Conc: 53.81 ng/ml



#20 Methoxychlor

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 182427779
Conc: 52.51 ng/ml



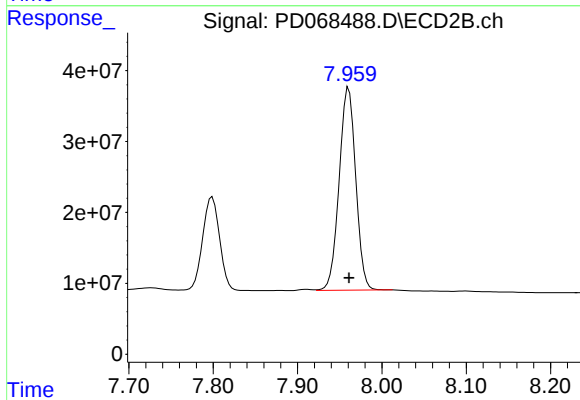
#21 Endrin ketone

R.T.: 7.153 min
Delta R.T.: -0.002 min
Response: 73868058
Conc: 50.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-03-031022MSD

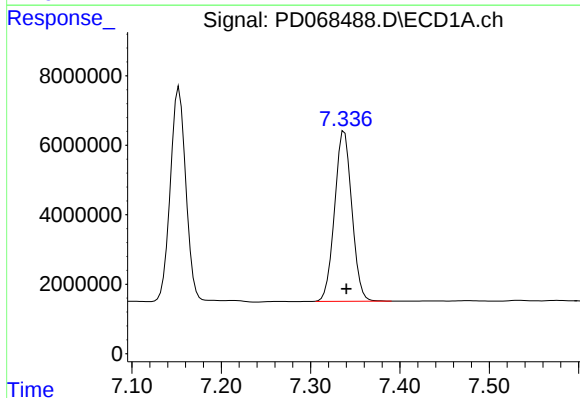
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/14/2022
Supervised By :Ankita Jodhani 03/14/2022



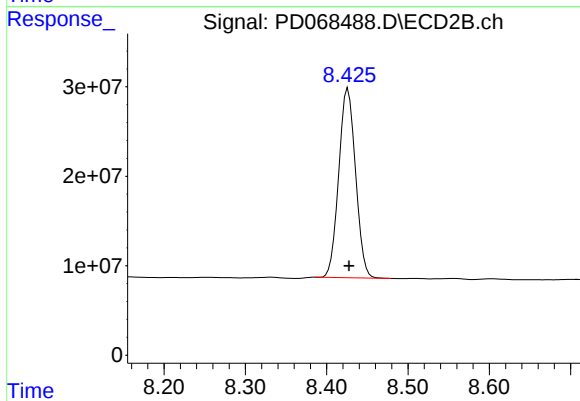
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 391060372
Conc: 46.58 ng/ml



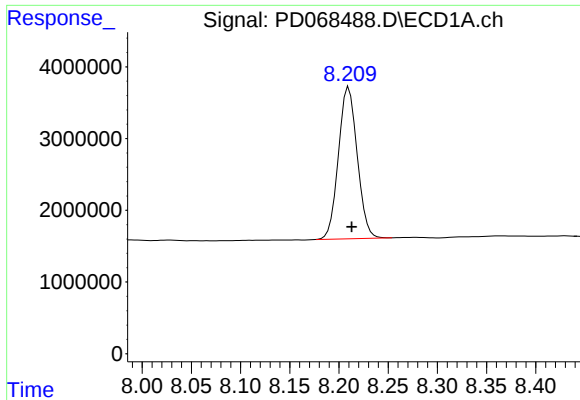
#22 Mirex

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 65578636
Conc: 51.74 ng/ml



#22 Mirex

R.T.: 8.426 min
Delta R.T.: -0.001 min
Response: 302961631
Conc: 47.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 28127711
Conc: 24.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

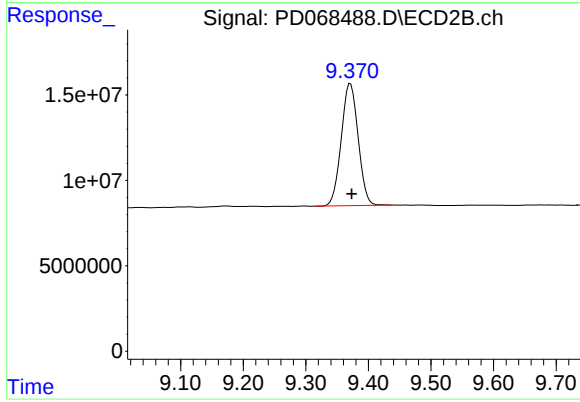
HR-03-031022MSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: -0.002 min
Response: 134464667
Conc: 22.68 ng/ml