

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092521\
 Data File : PD065857.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2021 15:11
 Operator : AR\AJ
 Sample : M3886-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-1MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 05:13:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 2021
 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...	3.493	4.012	16950180	130.5E6	22.888	22.720
28)	SA Decachlor...	8.235	9.085	21152363	72024897	15.485	18.610
Target Compounds							
2)	A alpha-BHC	3.933	4.407	60622877	410.8E6	53.979	48.860
3)	MA gamma-BHC...	4.216	4.693	60414947	387.3E6	53.875	50.135
4)	MA Heptachlor	4.513	5.197	62512470	359.6E6	52.408	49.554
5)	MB Aldrin	4.761	5.501	59397193	332.8E6	53.096	49.462m
6)	B beta-BHC	4.463	4.869	28391003	169.1E6	49.733	45.749m
7)	B delta-BHC	4.668	5.086	46711893	296.2E6	41.320	41.161
8)	B Heptachlo...	5.203	5.892	59383987	269.2E6	53.034	52.086
9)	A Endosulfan I	5.542	6.250	50657957	265.8E6	46.581	48.088
10)	B gamma-Chl...	5.428	6.125	63134946	290.8E6	52.284	48.485m
11)	B alpha-Chl...	5.486	6.197	61151545	293.4E6	51.658	48.878
12)	B 4,4'-DDE	5.648	6.356	59214415	292.1E6	54.399	50.642
13)	MA Dieldrin	5.784	6.508	63509414	282.6E6	54.795	47.953
14)	MA Endrin	6.042	6.727	56324174	235.8E6	53.229	47.820
15)	B Endosulfa...	6.315	6.940	55266214	230.9E6	51.158	47.675
16)	A 4,4'-DDD	6.164	6.850	50464466	241.0E6	51.445	49.040
17)	MA 4,4'-DDT	6.404	7.148	56664784	240.2E6	51.481	47.561
18)	B Endrin al...	6.483	7.065	44371525	188.5E6	50.065	48.140
19)	B Endosulfa...	6.695	7.288	55008850	217.7E6	48.196	44.133
20)	A Methoxychlor	6.950	7.608	30712486	119.9E6	44.943	45.551
21)	B Endrin ke...	7.188	7.762	63709477	260.9E6	45.227	45.755
22)	Mirex	7.373	8.211	51002135	165.8E6	42.242	41.991

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092521\
Data File : PD065857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Sep 2021 15:11
Operator : AR\AJ
Sample : M3886-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

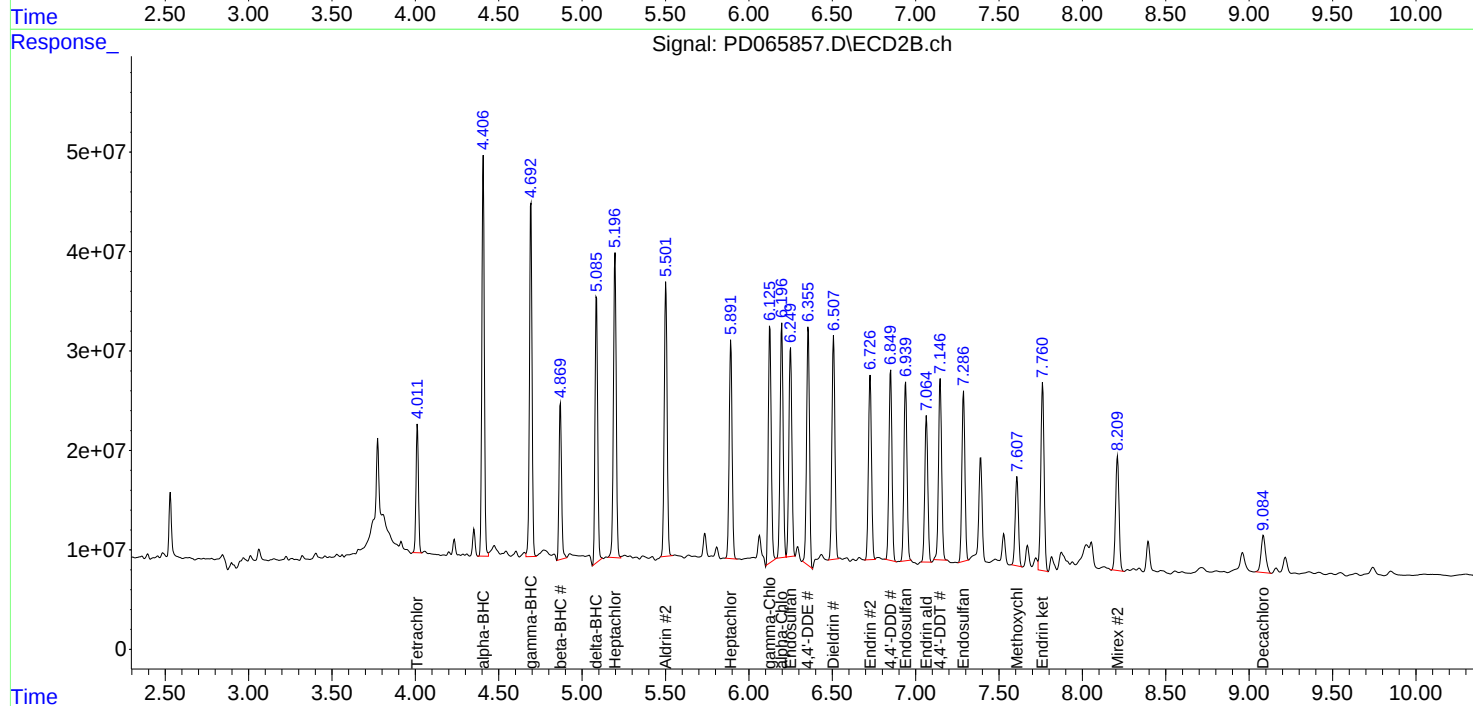
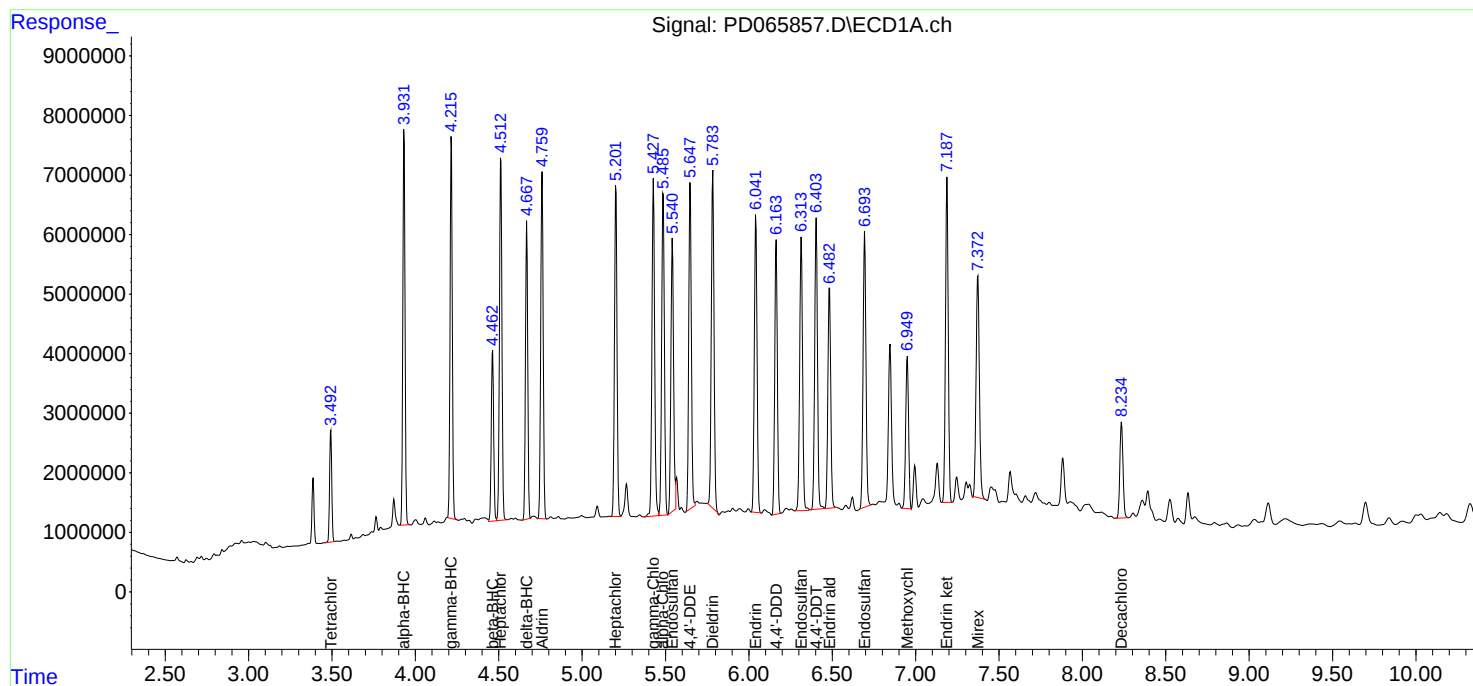
Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

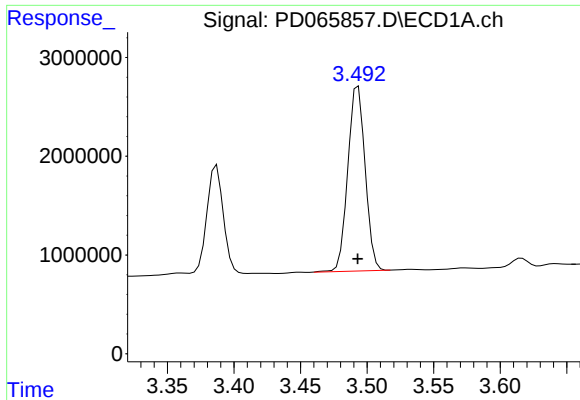
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 25 05:13:51 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 2021
Response 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





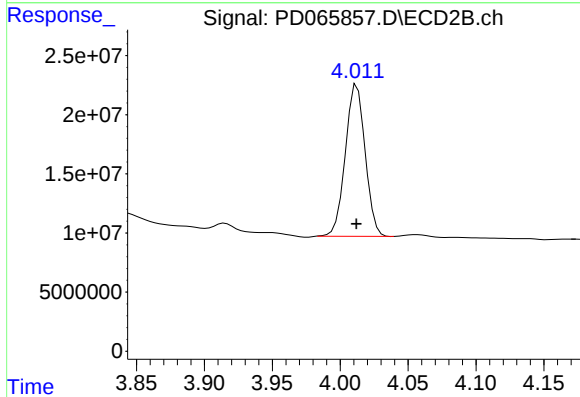
#1 Tetrachloro-m-xylene

R.T.: 3.493 min
Delta R.T.: 0.000 min
Response: 16950180
Conc: 22.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

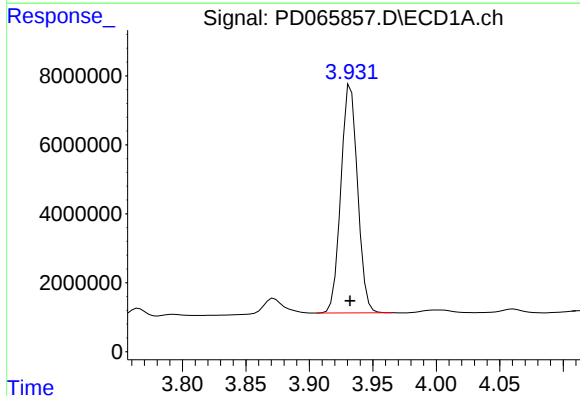
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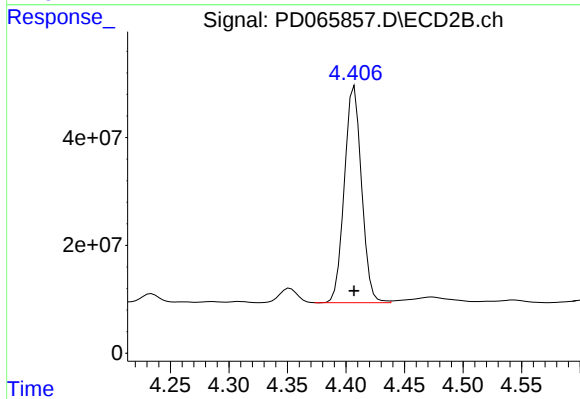
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 130463769
Conc: 22.72 ng/ml



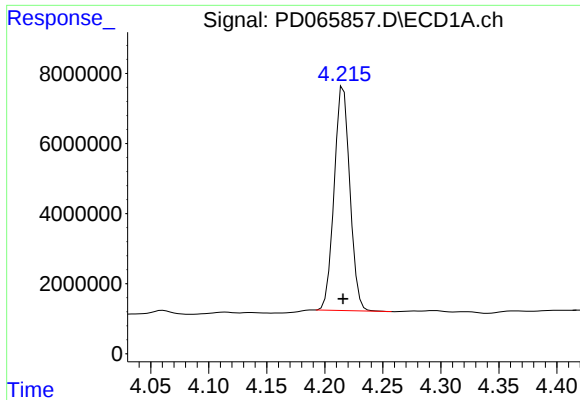
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 60622877
Conc: 53.98 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 410827218
Conc: 48.86 ng/ml



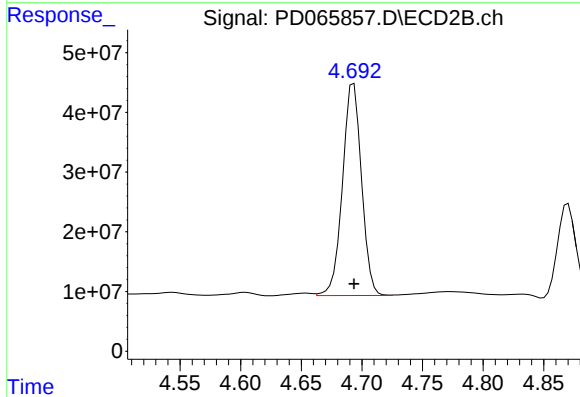
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 60414947
Conc: 53.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

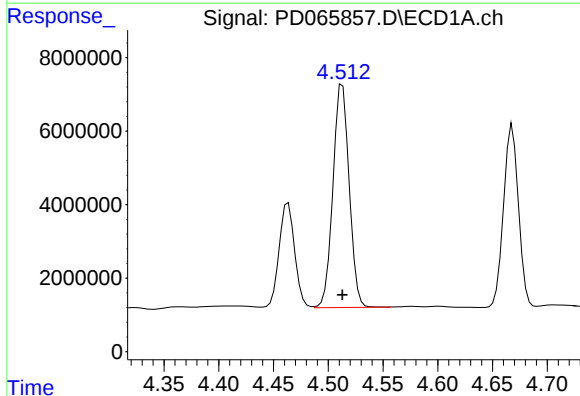
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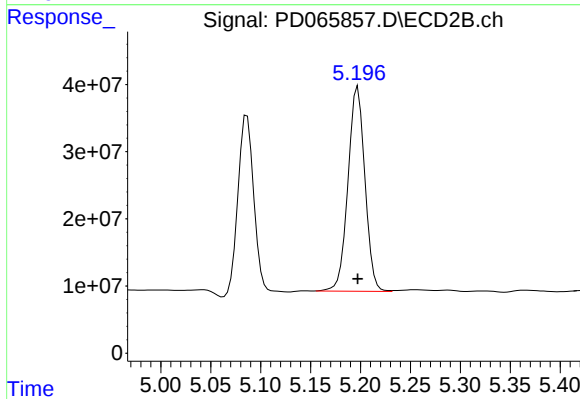
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 387336536
Conc: 50.14 ng/ml



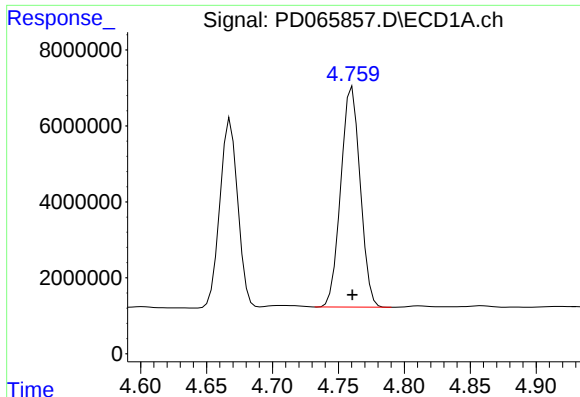
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 62512470
Conc: 52.41 ng/ml



#4 Heptachlor

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 359553906
Conc: 49.55 ng/ml



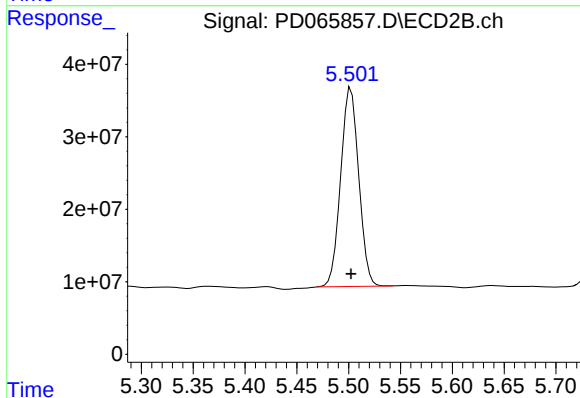
#5 Aldrin

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 59397193
Conc: 53.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

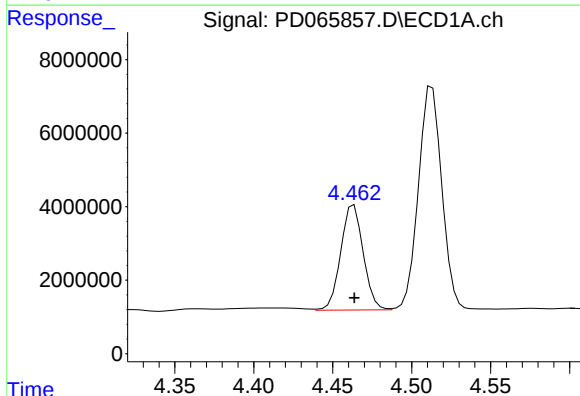
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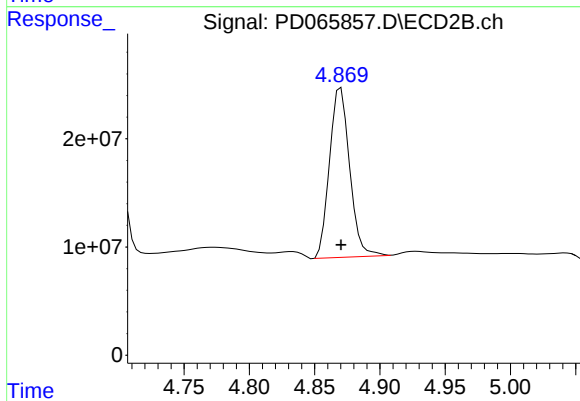
#5 Aldrin

R.T.: 5.501 min
Delta R.T.: -0.001 min
Response: 332757308
Conc: 49.46 ng/ml m



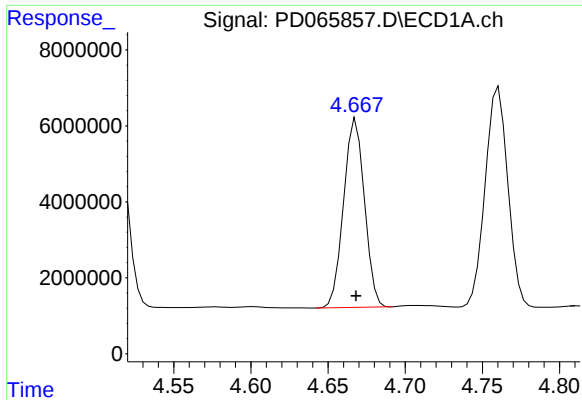
#6 beta-BHC

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 28391003
Conc: 49.73 ng/ml



#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: -0.001 min
Response: 169082651
Conc: 45.75 ng/ml m



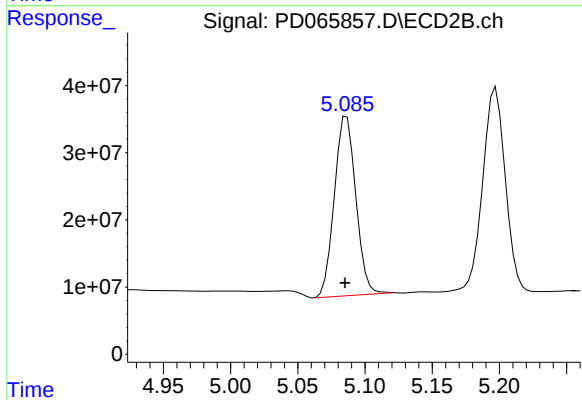
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 46711893
Conc: 41.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

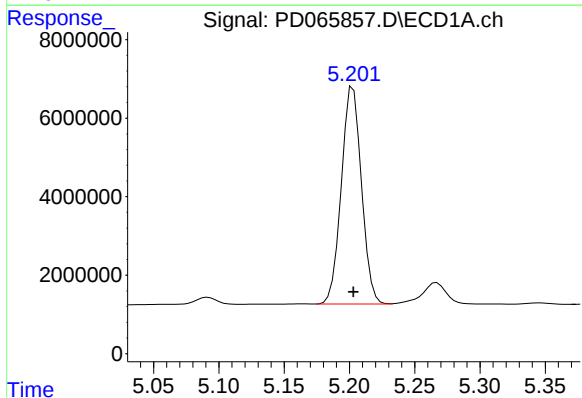
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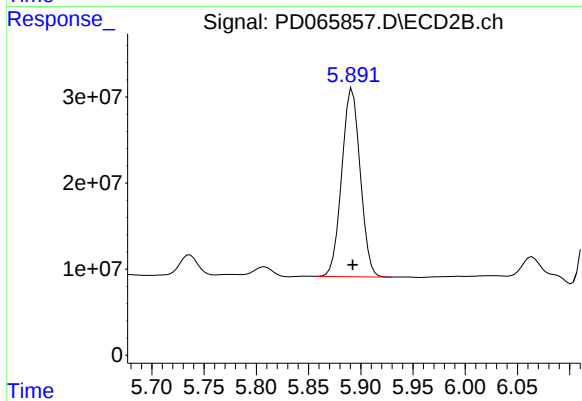
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.001 min
Response: 296222493
Conc: 41.16 ng/ml



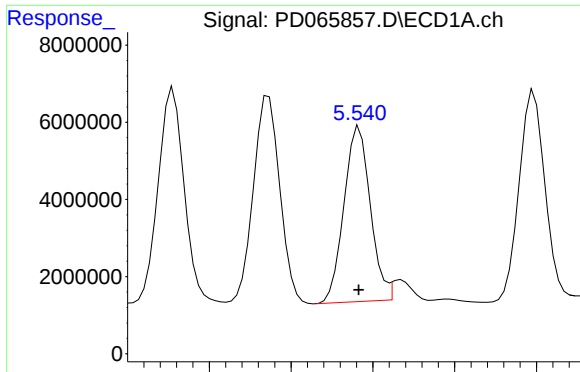
#8 Heptachlor epoxide

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 59383987
Conc: 53.03 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 269172604
Conc: 52.09 ng/ml



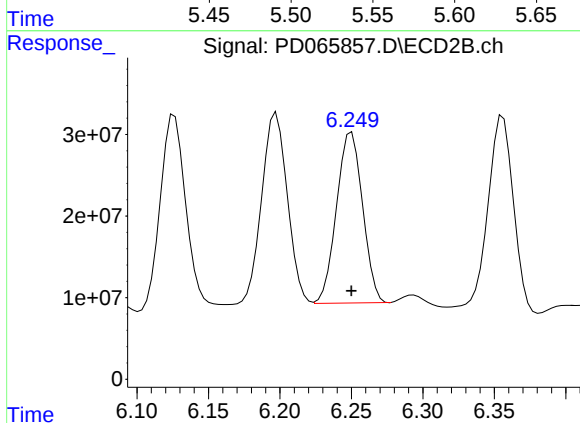
#9 Endosulfan I

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 50657957
Conc: 46.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

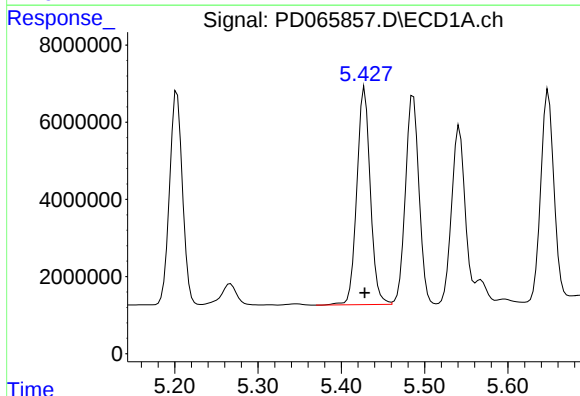
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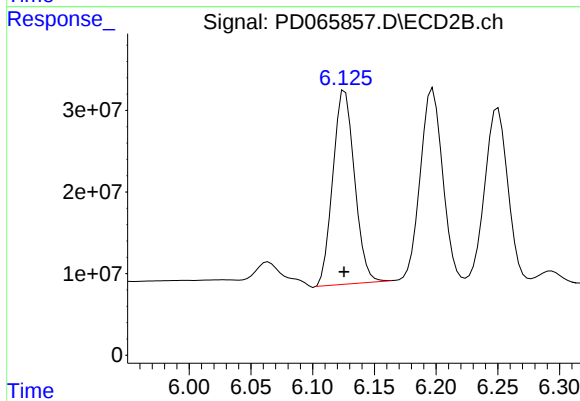
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 265787733
Conc: 48.09 ng/ml



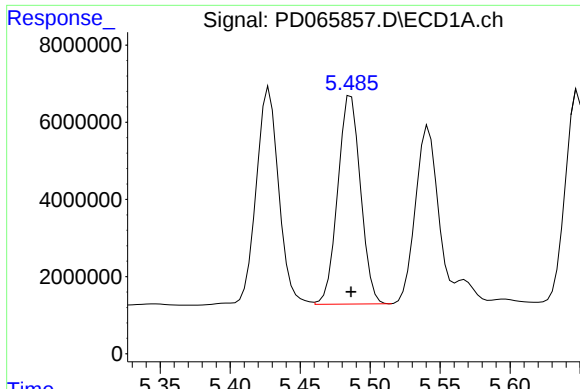
#10 gamma-Chlordane

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 63134946
Conc: 52.28 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 290802271
Conc: 48.49 ng/ml m



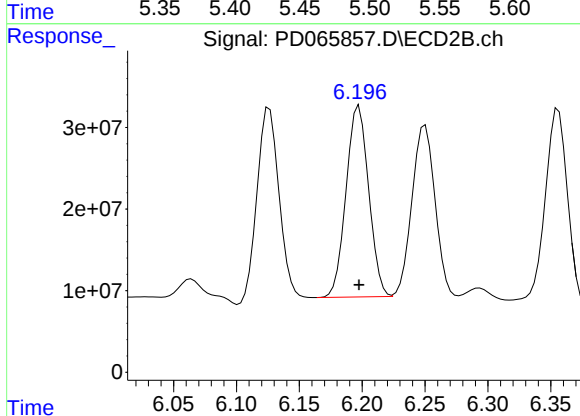
#11 alpha-Chlordane

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 61151545
Conc: 51.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

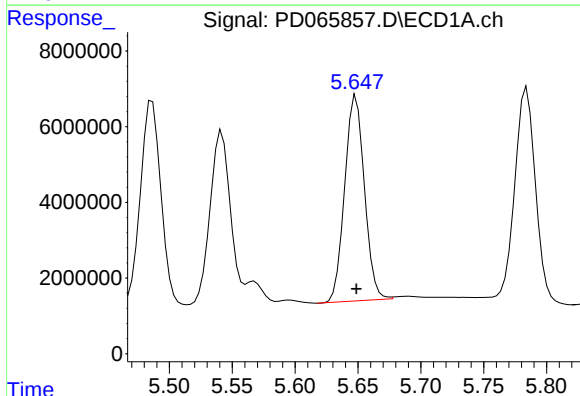
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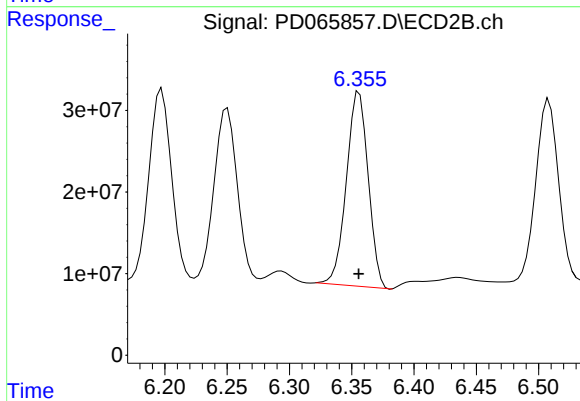
#11 alpha-Chlordane

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 293370452
Conc: 48.88 ng/ml



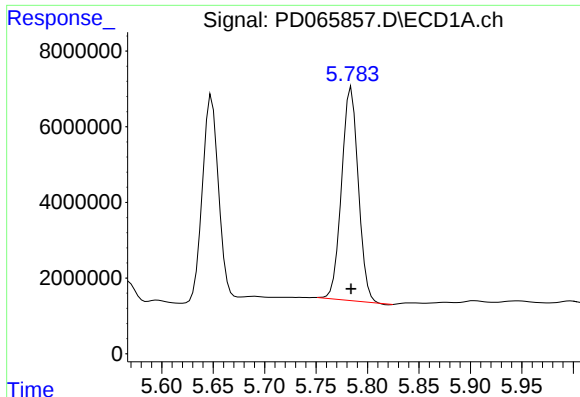
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 59214415
Conc: 54.40 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 292077682
Conc: 50.64 ng/ml



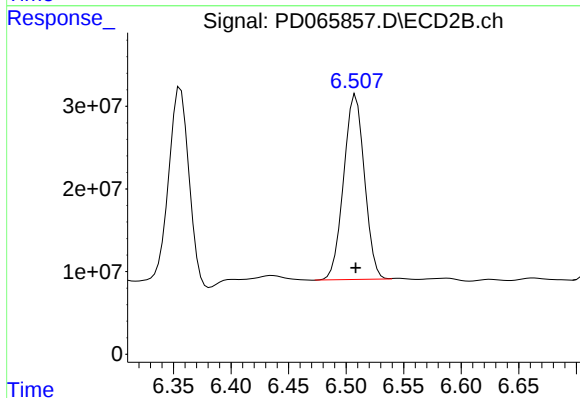
#13 Dieldrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 63509414
Conc: 54.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

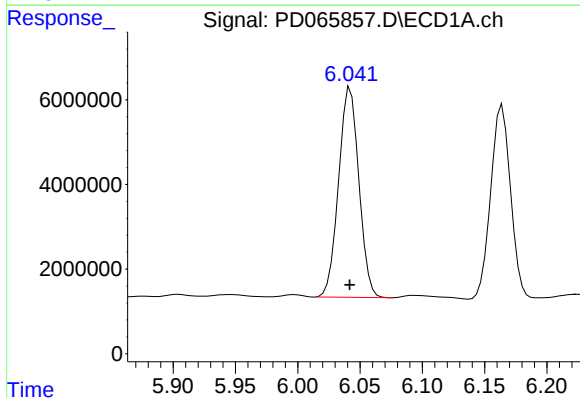
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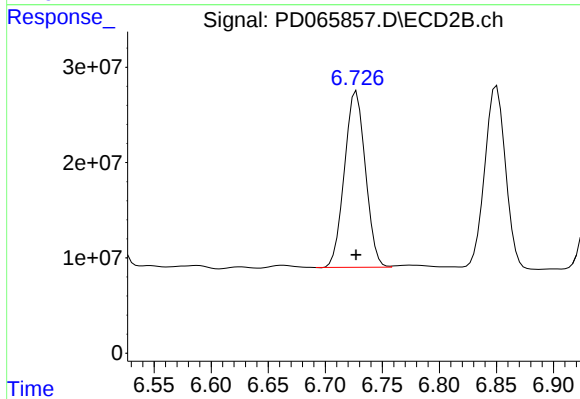
#13 Dieldrin

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 282597485
Conc: 47.95 ng/ml



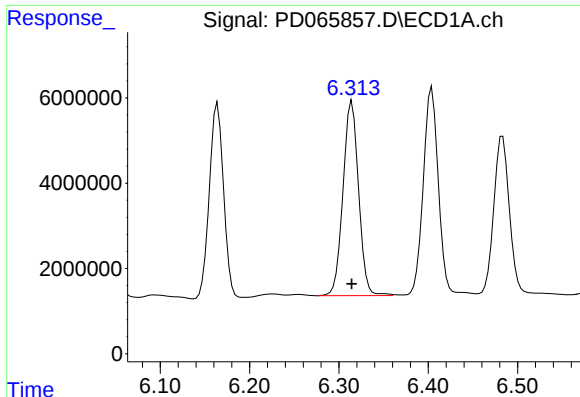
#14 Endrin

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 56324174
Conc: 53.23 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 235756707
Conc: 47.82 ng/ml



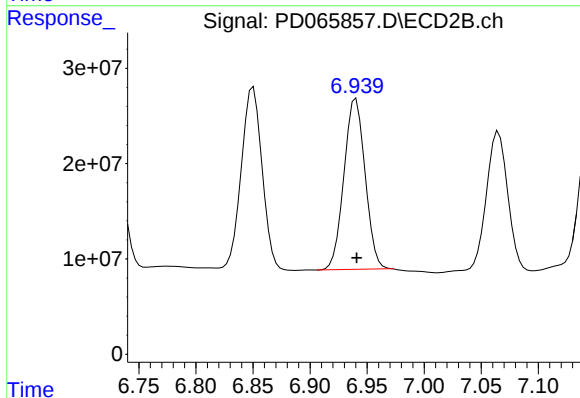
#15 Endosulfan II

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 55266214
Conc: 51.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

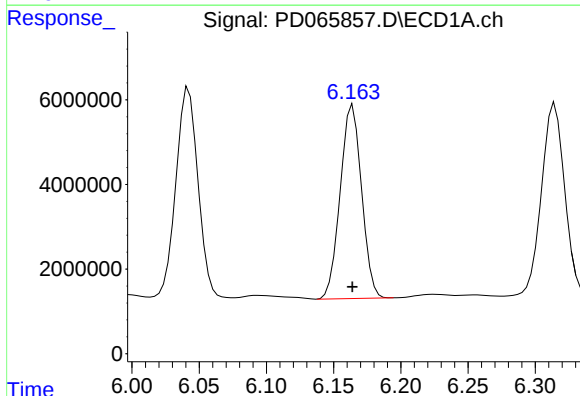
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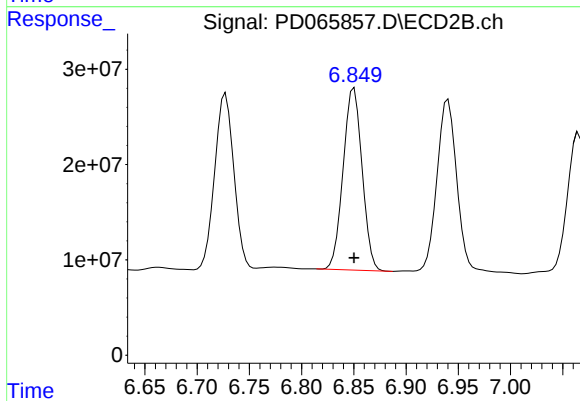
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 230932892
Conc: 47.68 ng/ml



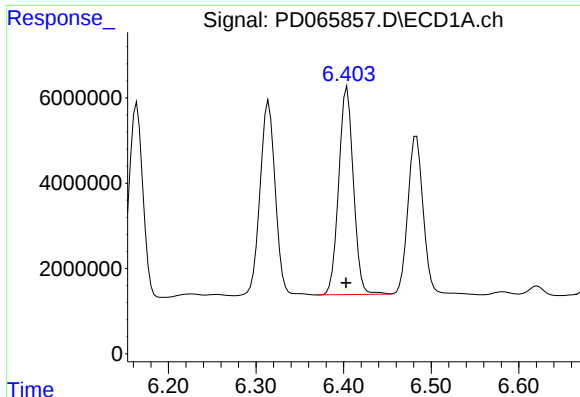
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 50464466
Conc: 51.44 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 241011198
Conc: 49.04 ng/ml



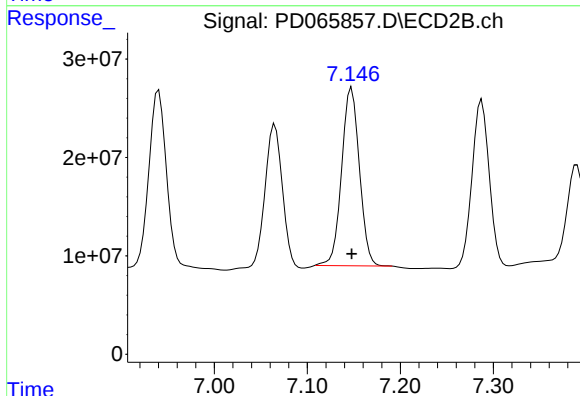
#17 4,4'-DDT

R.T.: 6.404 min
Delta R.T.: 0.001 min
Response: 56664784
Conc: 51.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

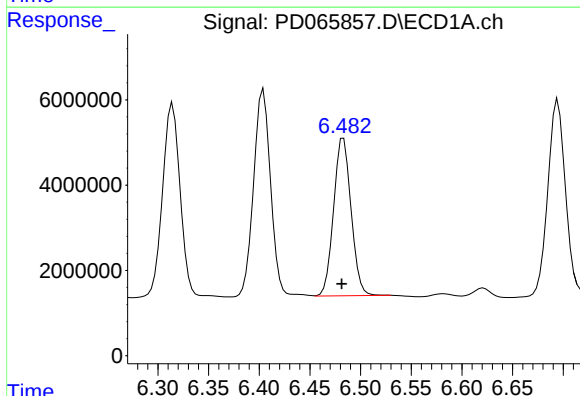
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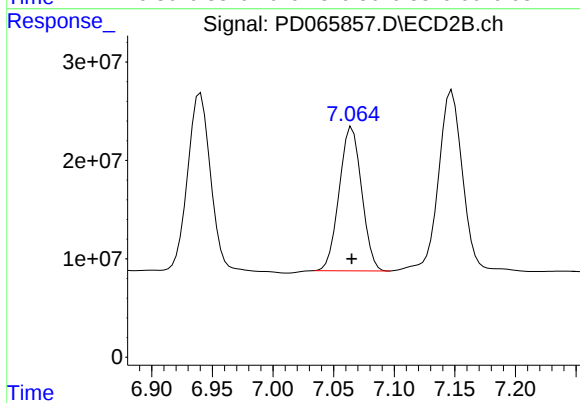
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 240246418
Conc: 47.56 ng/ml



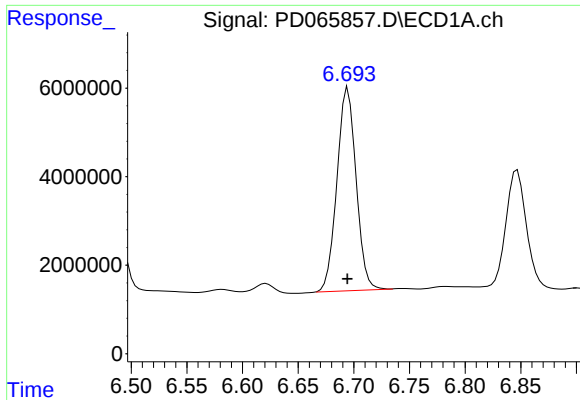
#18 Endrin aldehyde

R.T.: 6.483 min
Delta R.T.: 0.002 min
Response: 44371525
Conc: 50.07 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 188465684
Conc: 48.14 ng/ml



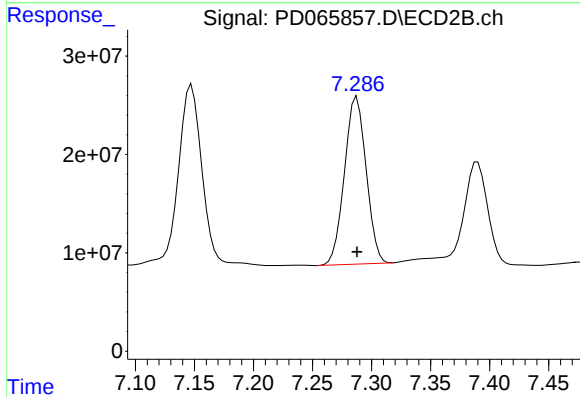
#19 Endosulfan Sulfate

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 55008850
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

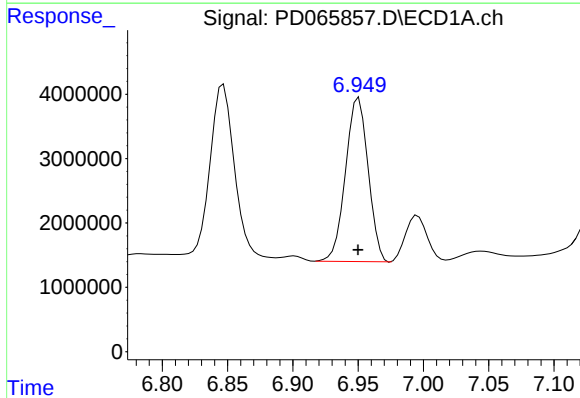
Manual Integrations
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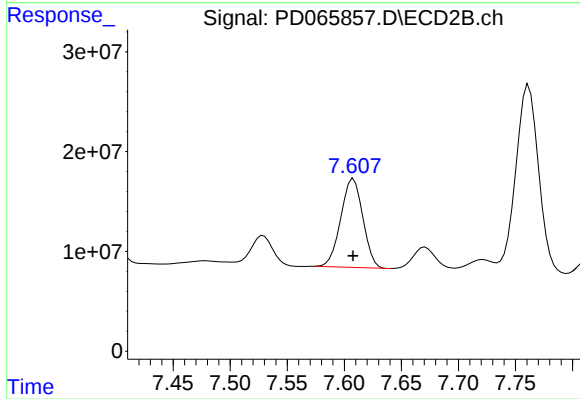
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 217676117
Conc: 44.13 ng/ml



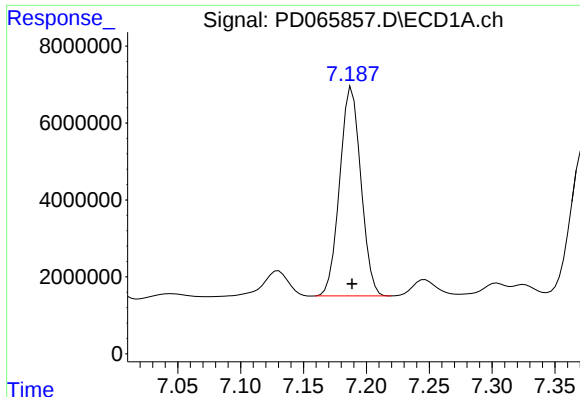
#20 Methoxychlor

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 30712486
Conc: 44.94 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 119873228
Conc: 45.55 ng/ml



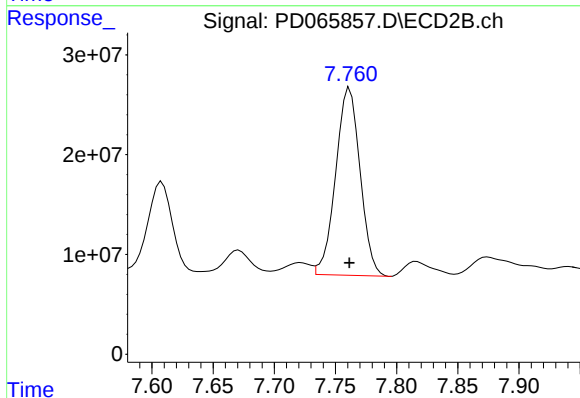
#21 Endrin ketone

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 63709477
Conc: 45.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

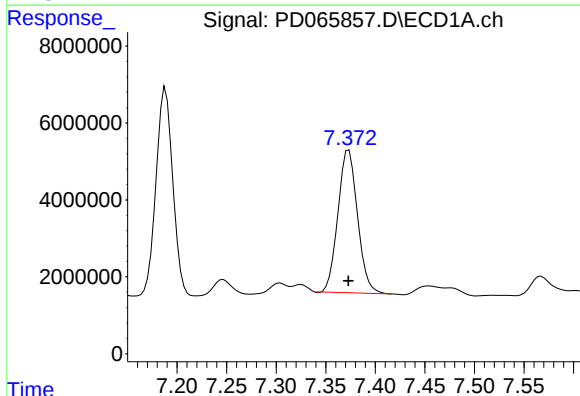
Manual Integrations
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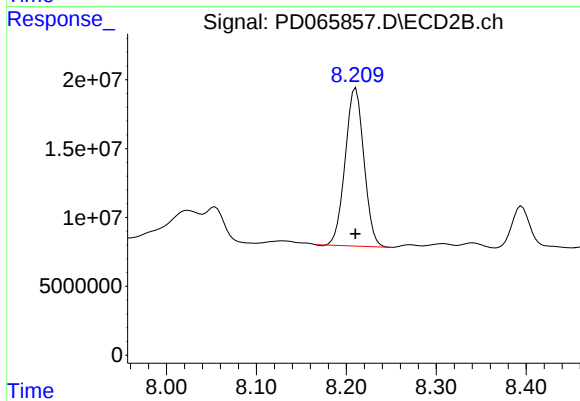
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 260935549
Conc: 45.75 ng/ml



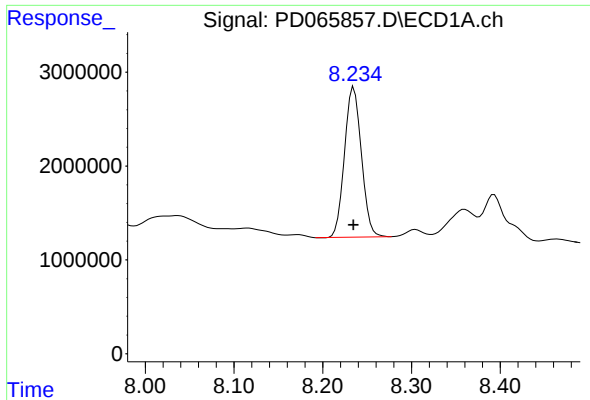
#22 Mirex

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 51002135
Conc: 42.24 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 165804627
Conc: 41.99 ng/ml



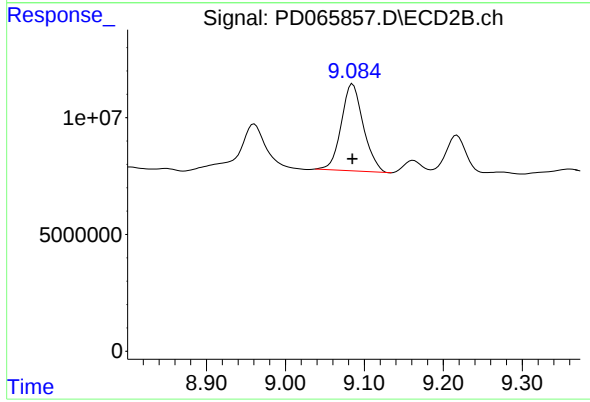
#28 Decachlorobiphenyl

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 21152363
Conc: 15.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MSD

Manual Integrations
APPROVED

mohammad
9/27/2021 2:35:17 PM



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 72024897
Conc: 18.61 ng/ml