

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071221\
 Data File : PL068051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2021 19:39
 Operator : AR\AJ
 Sample : PB137591BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB137591BS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 05:04:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071221.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 12 14:08:44 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.673	5.581	11367207	22065792	20.538	21.577
28)	SA Decachlor...	10.469f	11.504	11907833	17677160	21.457m	22.685
Target Compounds							
2)	A alpha-BHC	5.380	6.161	45909652	88564305	62.921	66.912
3)	MA gamma-BHC...	5.803	6.557	43971671	82086051	61.330	65.885
4)	MA Heptachlor	6.217	7.207	43491872	79000020	59.407	64.559
5)	MB Aldrin	6.543	7.578	41277522	71348105	60.101	64.457
6)	B beta-BHC	6.181	6.808	20755589	39757144	57.789	59.860
7)	B delta-BHC	6.443	7.076	44239362	80761291	63.502	67.907
8)	B Heptachlo...	7.120	8.044	38860947	66224643	60.201	64.249
9)	A Endosulfan I	7.525	8.449	36483026	60194210	60.543	64.553
10)	B gamma-Chl...	7.398	8.312	40041717	66241104	60.790	64.650
11)	B alpha-Chl...	7.468	8.394	39645325	65093708	59.947	64.048
12)	B 4,4'-DDE	7.683	8.580	37457788	59909556	62.450	65.193
13)	MA Dieldrin	7.812	8.738	39093174	62637743	62.021	65.707
14)	MA Endrin	8.103	8.978	34576606	50896921	62.078	64.621
15)	B Endosulfa...	8.414	9.211	33756940	52680709	64.271	66.580
16)	A 4,4'-DDD	8.270	9.119	31613033	50320325	62.613	64.644
17)	MA 4,4'-DDT	8.533	9.436	32463170	49749046	60.146	59.872
18)	B Endrin al...	8.604	9.345	28940357	45743501	69.432	71.677
19)	B Endosulfa...	8.836	9.582	34299428	53503112	62.654	66.585
20)	A Methoxychlor	9.133	9.921	18305334	26723711	58.553	61.103
21)	B Endrin ke...	9.355	10.081	38910120	56677211	64.255m	65.329
22)	Mirex	9.548	10.549	30831201	43619753	61.919m	64.696

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071221\
 Data File : PL068051.D
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 Acq On : 12 Jul 2021 19:39
 Operator : AR\AJ
 Sample : PB137591BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

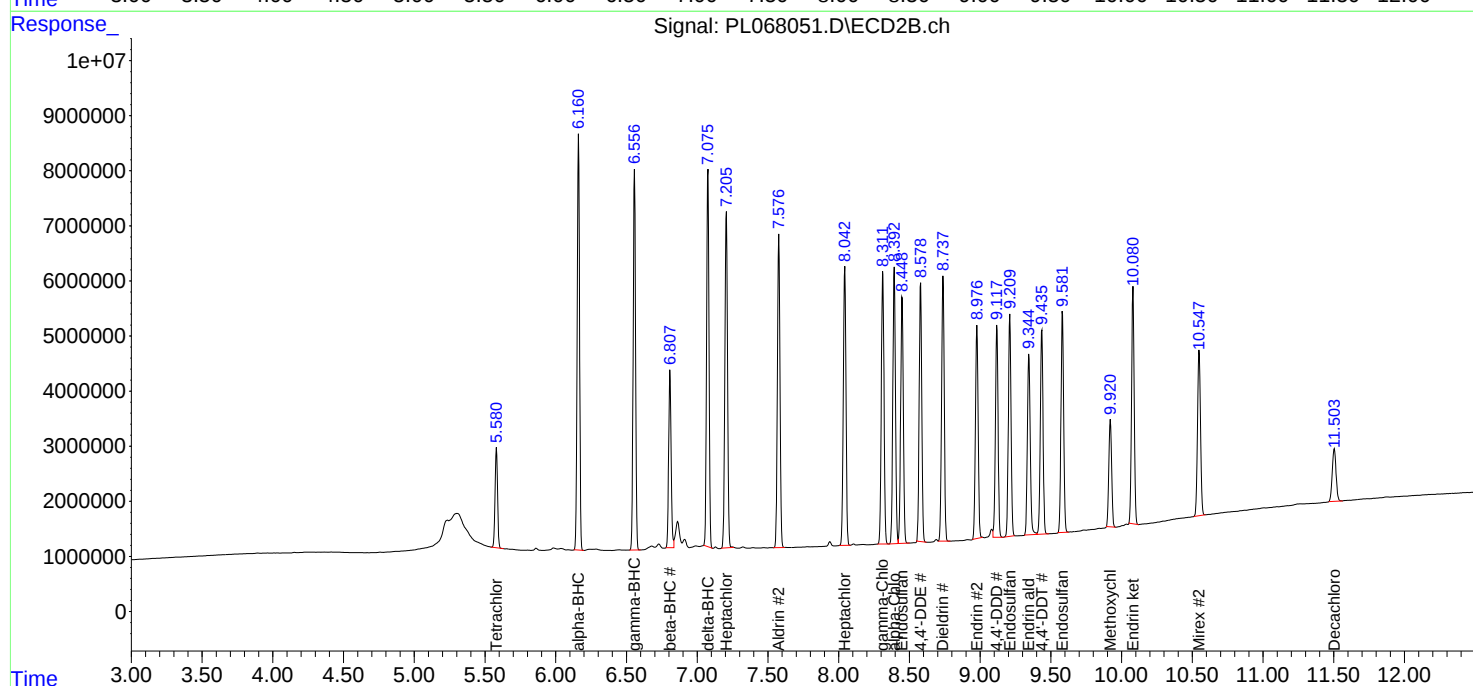
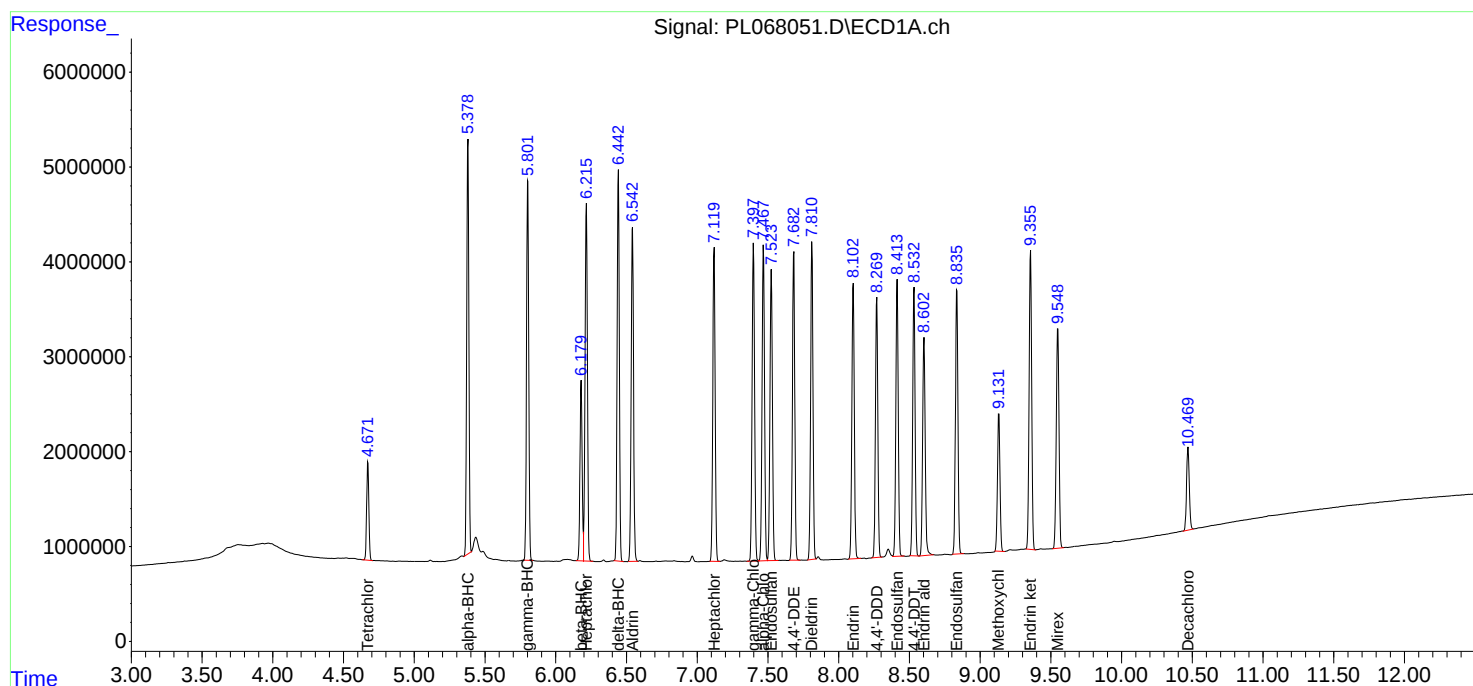
Instrument :
 ECD_L
 ClientSampleId :
 PB137591BS

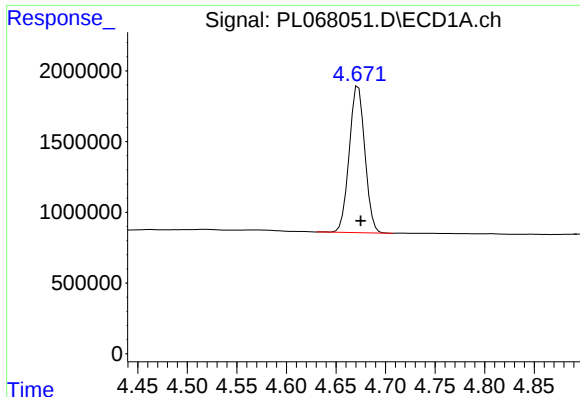
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 05:04:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071221.M
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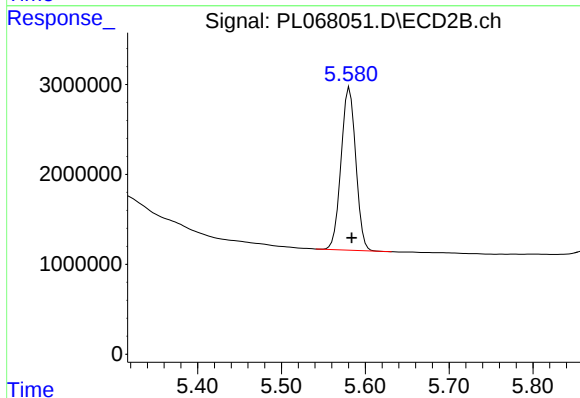
#1 Tetrachloro-m-xylene

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 11367207
Conc: 20.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137591BS

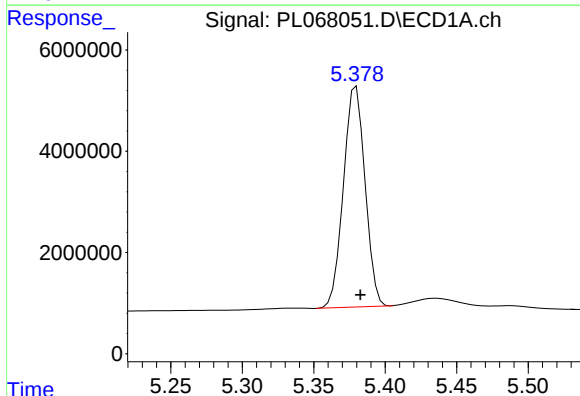
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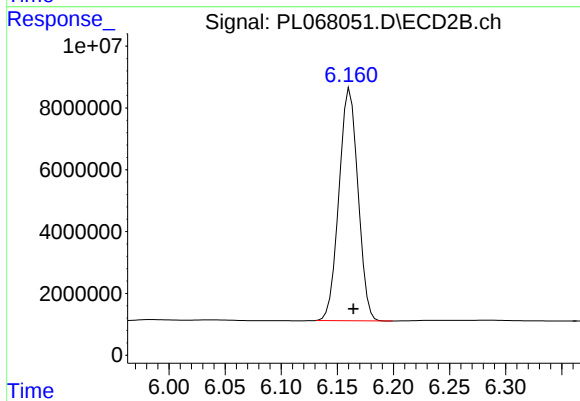
#1 Tetrachloro-m-xylene

R.T.: 5.581 min
Delta R.T.: -0.003 min
Response: 22065792
Conc: 21.58 ng/ml



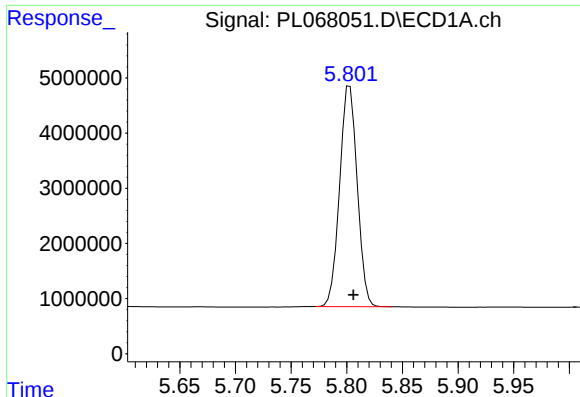
#2 alpha-BHC

R.T.: 5.380 min
Delta R.T.: -0.003 min
Response: 45909652
Conc: 62.92 ng/ml



#2 alpha-BHC

R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 88564305
Conc: 66.91 ng/ml



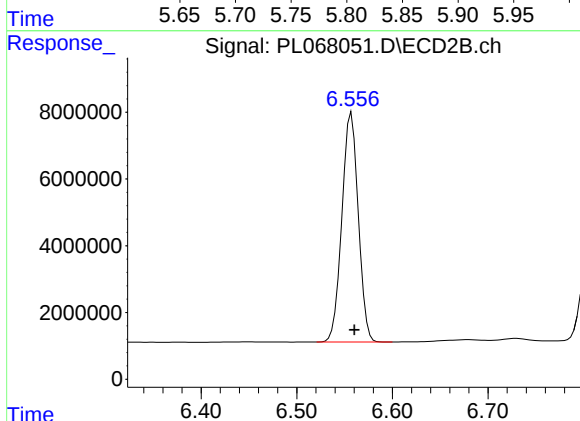
#3 gamma-BHC (Lindane)

R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 43971671
Conc: 61.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137591BS

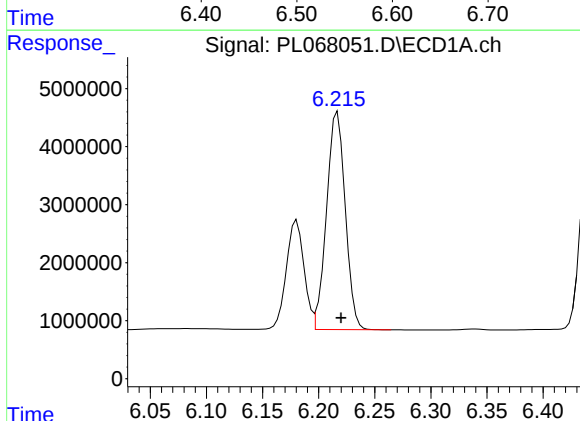
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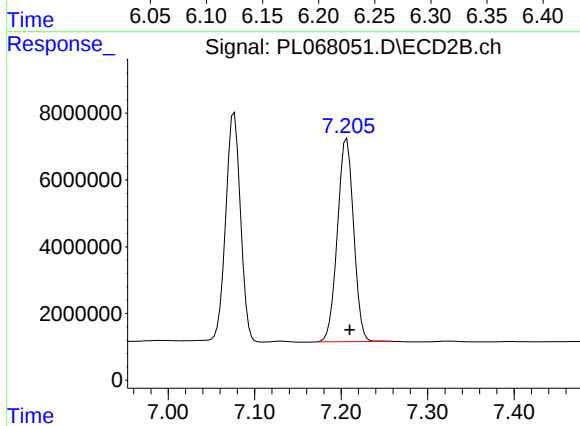
#3 gamma-BHC (Lindane)

R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 82086051
Conc: 65.88 ng/ml



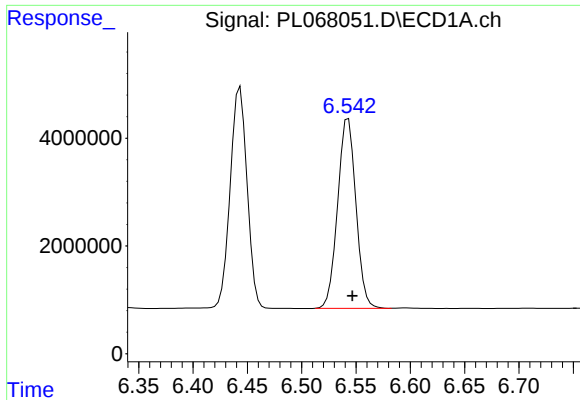
#4 Heptachlor

R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 43491872
Conc: 59.41 ng/ml



#4 Heptachlor

R.T.: 7.207 min
Delta R.T.: -0.003 min
Response: 79000020
Conc: 64.56 ng/ml



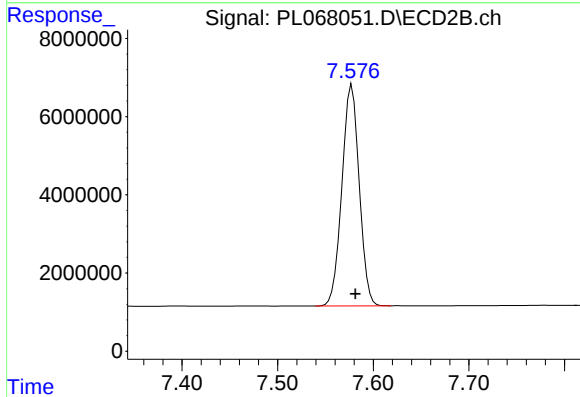
#5 Aldrin

R.T.: 6.543 min
Delta R.T.: -0.004 min
Response: 41277522
Conc: 60.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137591BS

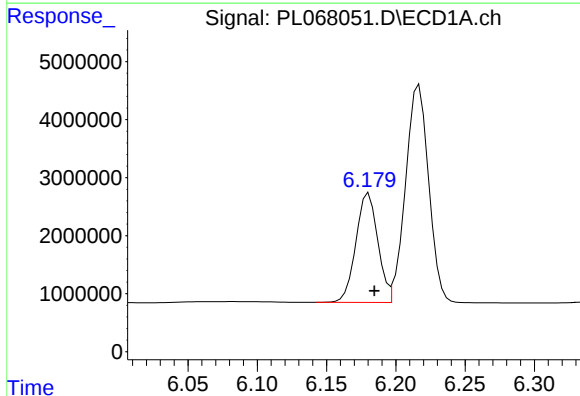
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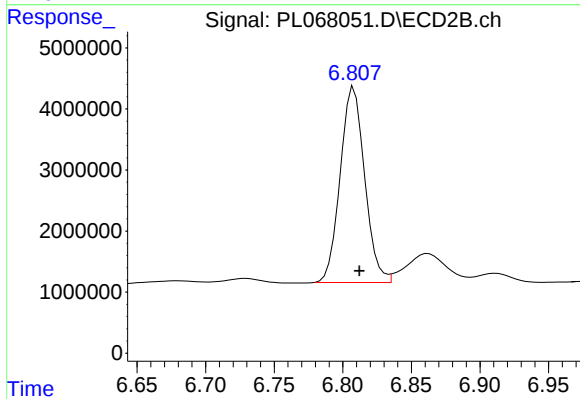
#5 Aldrin

R.T.: 7.578 min
Delta R.T.: -0.004 min
Response: 71348105
Conc: 64.46 ng/ml



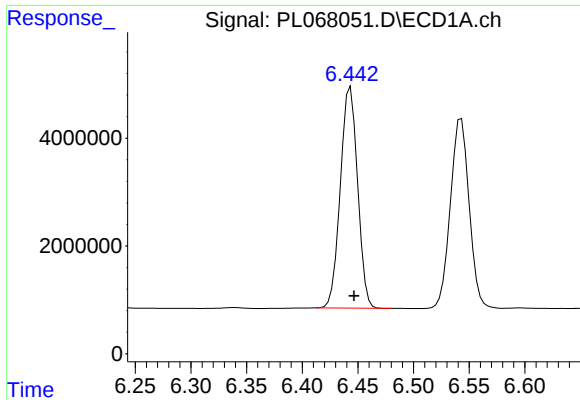
#6 beta-BHC

R.T.: 6.181 min
Delta R.T.: -0.004 min
Response: 20755589
Conc: 57.79 ng/ml



#6 beta-BHC

R.T.: 6.808 min
Delta R.T.: -0.004 min
Response: 39757144
Conc: 59.86 ng/ml



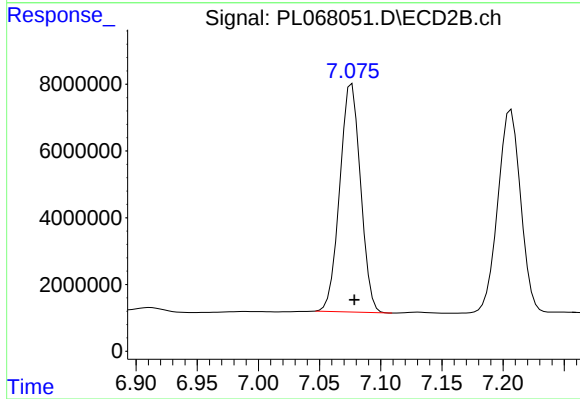
#7 delta-BHC

R.T.: 6.443 min
Delta R.T.: -0.003 min
Response: 44239362
Conc: 63.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137591BS

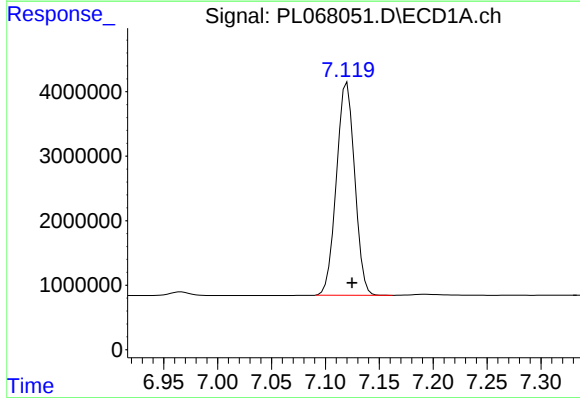
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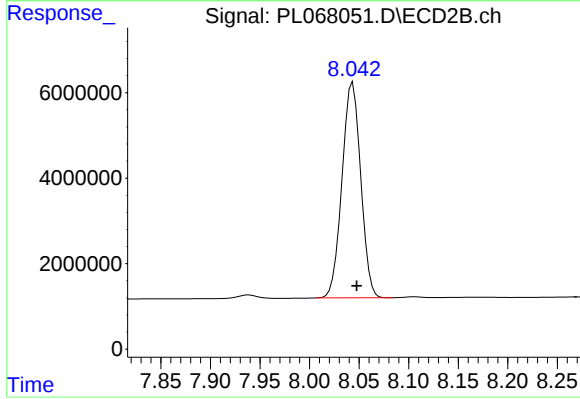
#7 delta-BHC

R.T.: 7.076 min
Delta R.T.: -0.002 min
Response: 80761291
Conc: 67.91 ng/ml



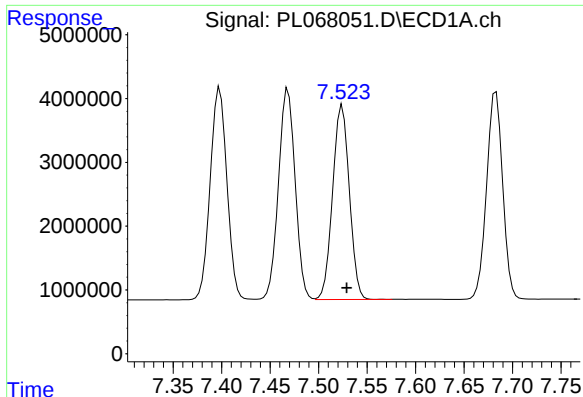
#8 Heptachlor epoxide

R.T.: 7.120 min
Delta R.T.: -0.004 min
Response: 38860947
Conc: 60.20 ng/ml



#8 Heptachlor epoxide

R.T.: 8.044 min
Delta R.T.: -0.004 min
Response: 66224643
Conc: 64.25 ng/ml



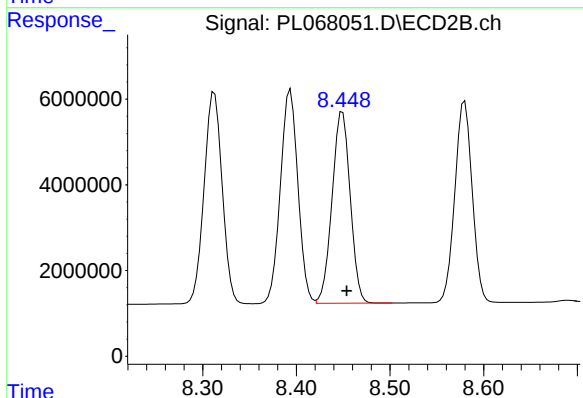
#9 Endosulfan I

R.T.: 7.525 min
Delta R.T.: -0.005 min
Response: 36483026
Conc: 60.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137591BS

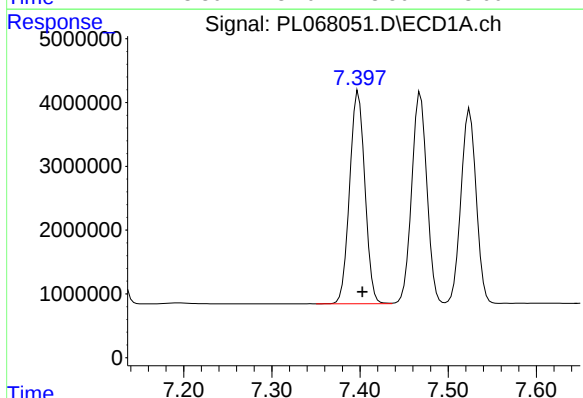
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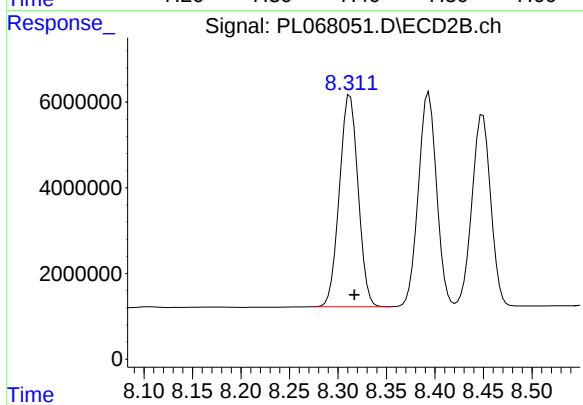
#9 Endosulfan I

R.T.: 8.449 min
Delta R.T.: -0.005 min
Response: 60194210
Conc: 64.55 ng/ml



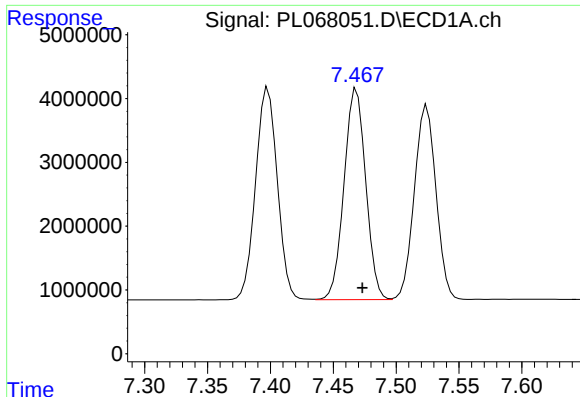
#10 gamma-Chlordane

R.T.: 7.398 min
Delta R.T.: -0.005 min
Response: 40041717
Conc: 60.79 ng/ml



#10 gamma-Chlordane

R.T.: 8.312 min
Delta R.T.: -0.004 min
Response: 66241104
Conc: 64.65 ng/ml



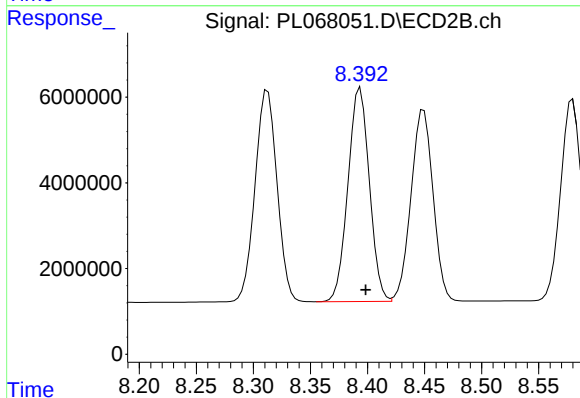
#11 alpha-Chlordane

R.T.: 7.468 min
Delta R.T.: -0.005 min
Response: 39645325
Conc: 59.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137591BS

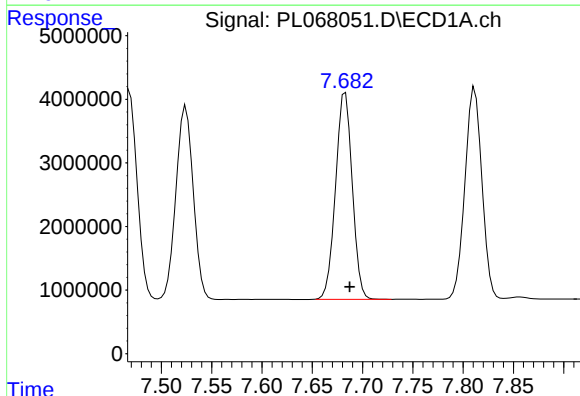
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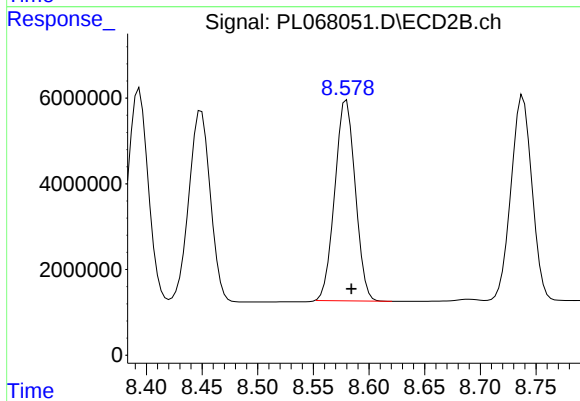
#11 alpha-Chlordane

R.T.: 8.394 min
Delta R.T.: -0.005 min
Response: 65093708
Conc: 64.05 ng/ml



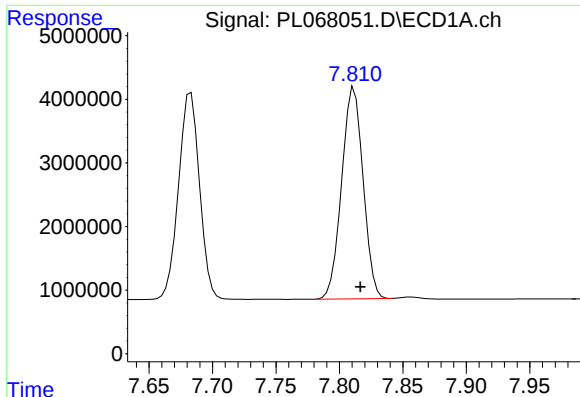
#12 4,4'-DDE

R.T.: 7.683 min
Delta R.T.: -0.004 min
Response: 37457788
Conc: 62.45 ng/ml



#12 4,4'-DDE

R.T.: 8.580 min
Delta R.T.: -0.004 min
Response: 59909556
Conc: 65.19 ng/ml



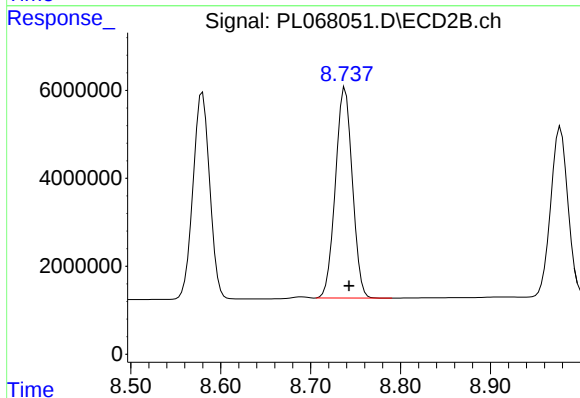
#13 Dieldrin

R.T.: 7.812 min
Delta R.T.: -0.005 min
Response: 39093174
Conc: 62.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137591BS

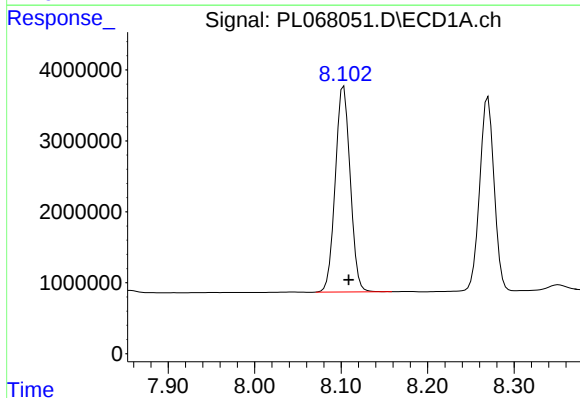
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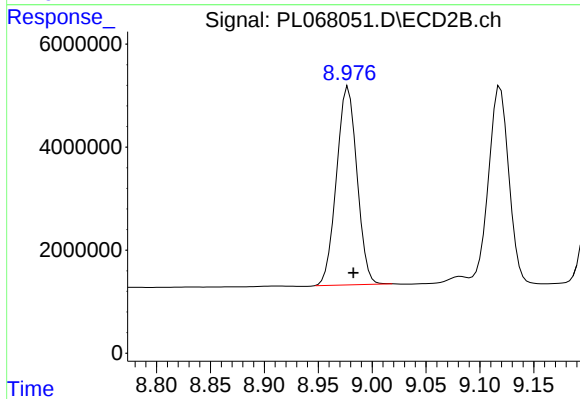
#13 Dieldrin

R.T.: 8.738 min
Delta R.T.: -0.005 min
Response: 62637743
Conc: 65.71 ng/ml



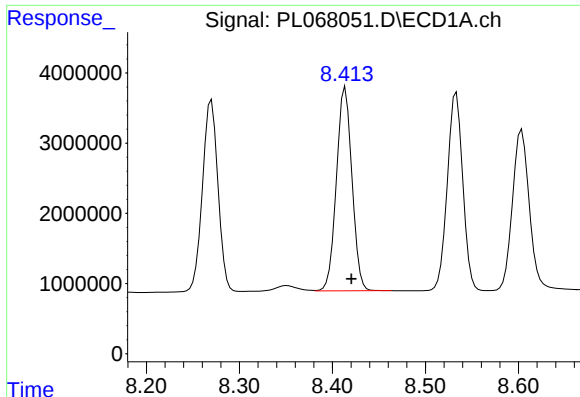
#14 Endrin

R.T.: 8.103 min
Delta R.T.: -0.005 min
Response: 34576606
Conc: 62.08 ng/ml



#14 Endrin

R.T.: 8.978 min
Delta R.T.: -0.005 min
Response: 50896921
Conc: 64.62 ng/ml



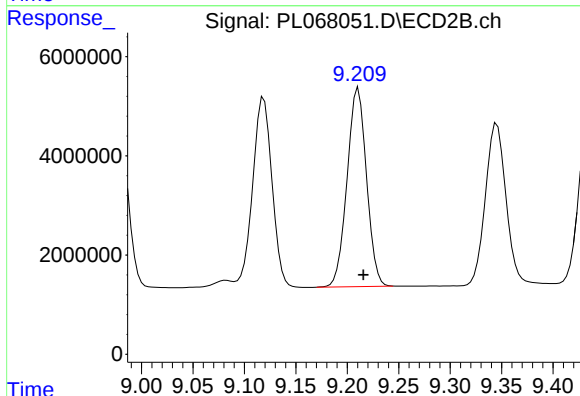
#15 Endosulfan II

R.T.: 8.414 min
Delta R.T.: -0.007 min
Response: 33756940
Conc: 64.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137591BS

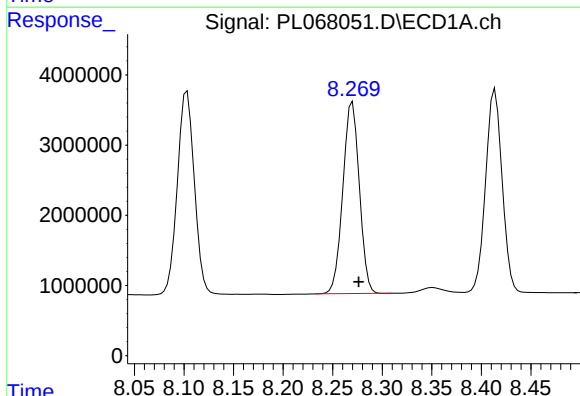
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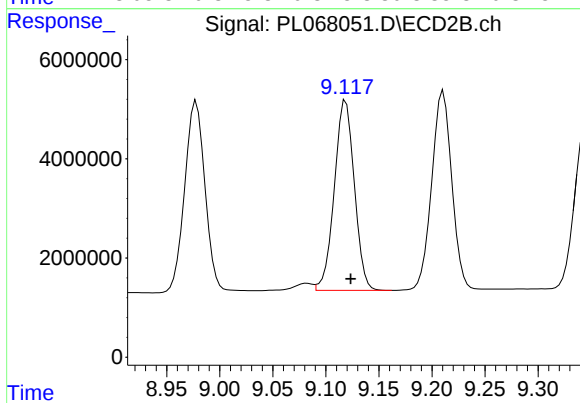
#15 Endosulfan II

R.T.: 9.211 min
Delta R.T.: -0.005 min
Response: 52680709
Conc: 66.58 ng/ml



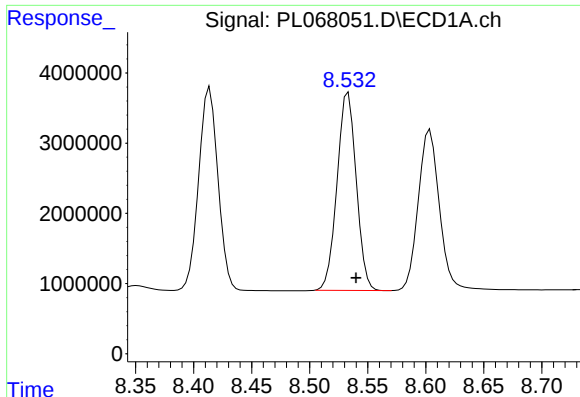
#16 4,4'-DDD

R.T.: 8.270 min
Delta R.T.: -0.006 min
Response: 31613033
Conc: 62.61 ng/ml



#16 4,4'-DDD

R.T.: 9.119 min
Delta R.T.: -0.005 min
Response: 50320325
Conc: 64.64 ng/ml



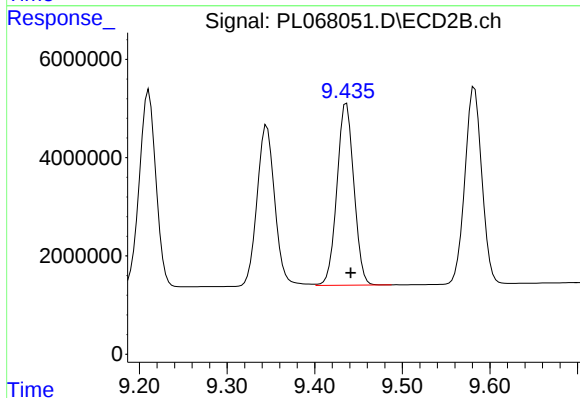
#17 4,4'-DDT

R.T.: 8.533 min
Delta R.T.: -0.007 min
Response: 32463170
Conc: 60.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137591BS

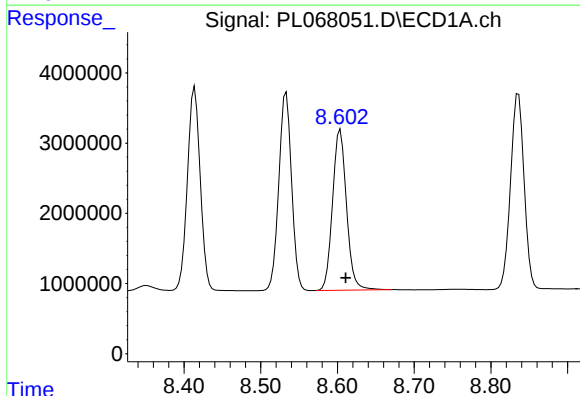
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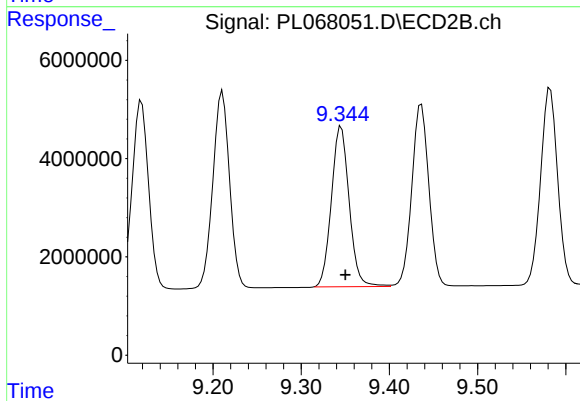
#17 4,4'-DDT

R.T.: 9.436 min
Delta R.T.: -0.005 min
Response: 49749046
Conc: 59.87 ng/ml



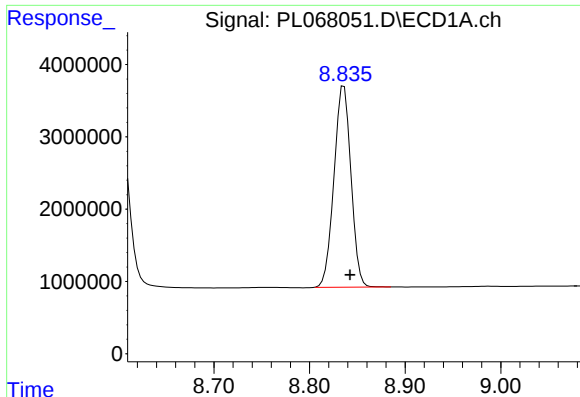
#18 Endrin aldehyde

R.T.: 8.604 min
Delta R.T.: -0.007 min
Response: 28940357
Conc: 69.43 ng/ml



#18 Endrin aldehyde

R.T.: 9.345 min
Delta R.T.: -0.005 min
Response: 45743501
Conc: 71.68 ng/ml



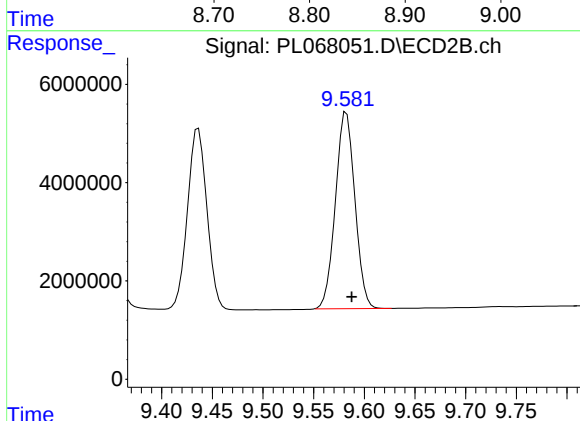
#19 Endosulfan Sulfate

R.T.: 8.836 min
Delta R.T.: -0.007 min
Response: 34299428
Conc: 62.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137591BS

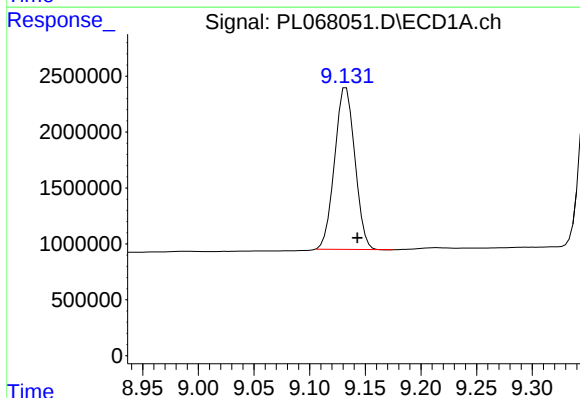
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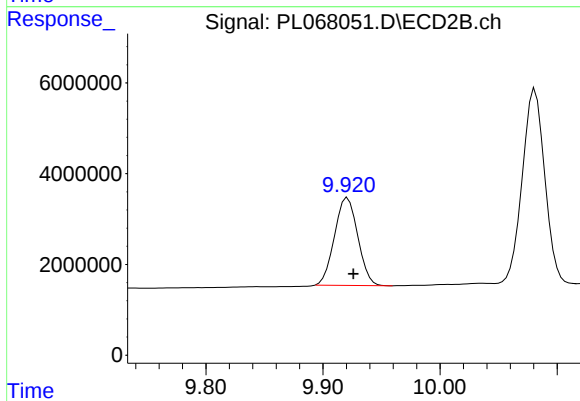
#19 Endosulfan Sulfate

R.T.: 9.582 min
Delta R.T.: -0.005 min
Response: 53503112
Conc: 66.58 ng/ml



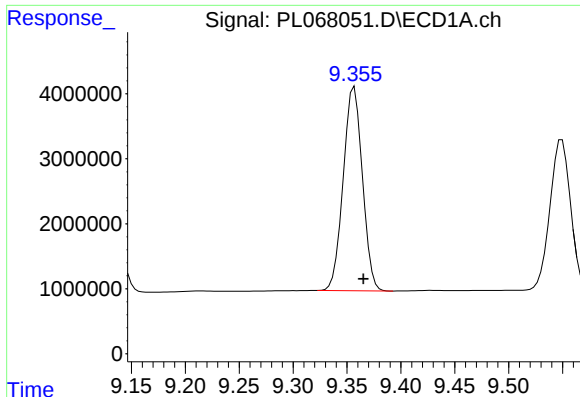
#20 Methoxychlor

R.T.: 9.133 min
Delta R.T.: -0.010 min
Response: 18305334
Conc: 58.55 ng/ml



#20 Methoxychlor

R.T.: 9.921 min
Delta R.T.: -0.005 min
Response: 26723711
Conc: 61.10 ng/ml



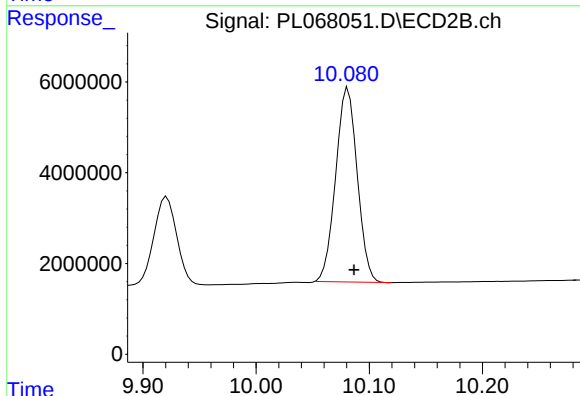
#21 Endrin ketone

R.T.: 9.355 min
Delta R.T.: -0.010 min
Response: 38910120
Conc: 64.26 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB137591BS

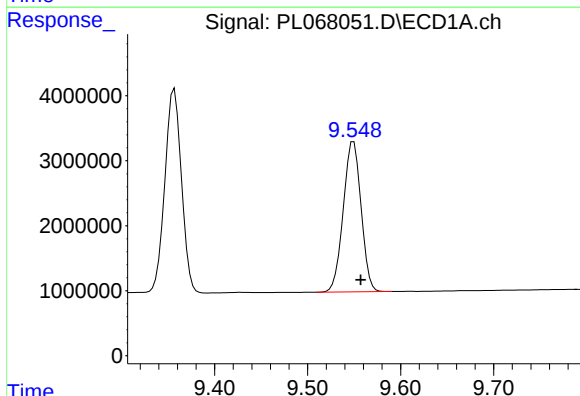
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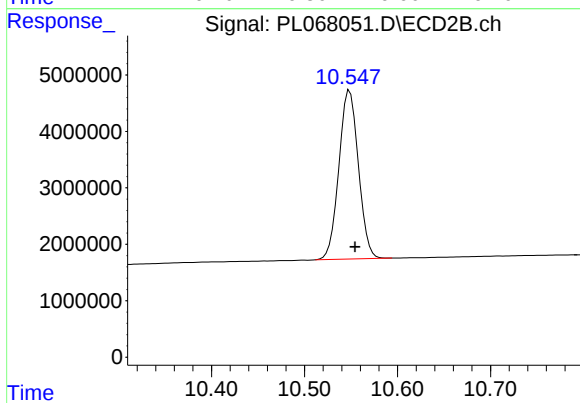
#21 Endrin ketone

R.T.: 10.081 min
Delta R.T.: -0.005 min
Response: 56677211
Conc: 65.33 ng/ml



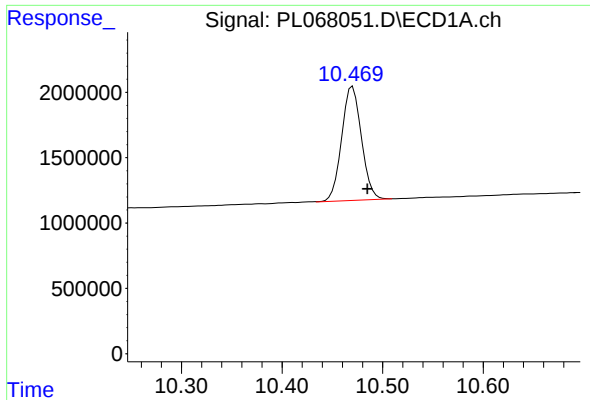
#22 Mirex

R.T.: 9.548 min
Delta R.T.: -0.009 min
Response: 30831201
Conc: 61.92 ng/ml m



#22 Mirex

R.T.: 10.549 min
Delta R.T.: -0.006 min
Response: 43619753
Conc: 64.70 ng/ml



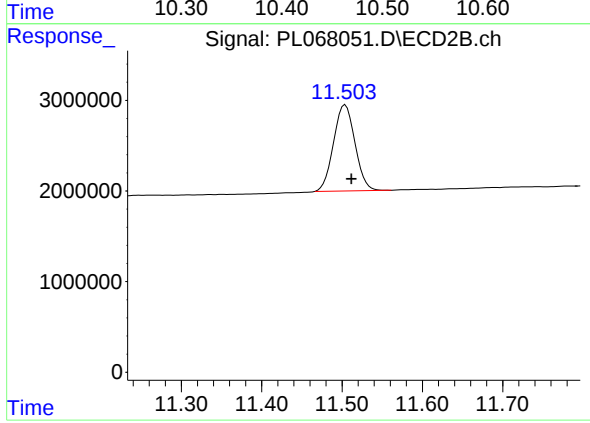
#28 Decachlorobiphenyl

R.T.: 10.469 min
Delta R.T.: -0.016 min
Response: 11907833
Conc: 21.46 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB137591BS

Manual Integrations
APPROVED

mohammad
7/13/2021 9:07:16 AM



#28 Decachlorobiphenyl

R.T.: 11.504 min
Delta R.T.: -0.008 min
Response: 17677160
Conc: 22.68 ng/ml