

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071921\
 Data File : PL068254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 06:26
 Operator : AR\AJ
 Sample : PB137729BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB137729BS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 07:23:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 03:26:29 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...	4.645	5.572	9243889	24911736	21.538	24.413
28)	SA Decachlor...	10.423	11.493	10965849	19306007	19.498	21.644
Target Compounds							
2)	A alpha-BHC	5.353	6.151	30514805	74236068	52.127	54.601
3)	MA gamma-BHC...	5.776	6.548	30320866	70580078	53.340	54.704
4)	MA Heptachlor	6.188	7.198	32178454	72390773	52.793	55.544
5)	MB Aldrin	6.514	7.569	30024376	63748009	53.429	53.729
6)	B beta-BHC	6.155	6.800	15786025	35243442	53.947	49.887
7)	B delta-BHC	6.417	7.068	17677324	40508390	31.639	33.062
8)	B Heptachlo...	7.089	8.034	29251386	72901467	52.653m	64.479m
9)	A Endosulfan I	7.494	8.440	27371192	53784946	51.813	52.239
10)	B gamma-Chl...	7.369	8.303	30122141	58731794	52.499	52.150
11)	B alpha-Chl...	7.438	8.385	29799736	57972387	51.885	51.544
12)	B 4,4'-DDE	7.653	8.571	27548791	52047796	54.669	50.504
13)	MA Dieldrin	7.781	8.729	27212364	56223458	50.554	53.009
14)	MA Endrin	8.071	8.968	29403516	49909540	58.796m	55.817
15)	B Endosulfa...	8.383	9.202	24365805	47422692	49.353	52.320
16)	A 4,4'-DDD	8.237	9.111	24608468	43544018	55.092m	51.139
17)	MA 4,4'-DDT	8.500	9.428	24543096	44769408	48.930	47.433
18)	B Endrin al...	8.571	9.336	21913733	41475374	55.319	57.547
19)	B Endosulfa...	8.802	9.574	25687776	44202102	48.885	49.087
20)	A Methoxychlor	9.095	9.909	15589096	31900252	49.836	62.791m#
21)	B Endrin ke...	9.319	10.072	46286870	52688283	78.172m	52.829 #
22)	Mirex	9.510	10.538	23568073	46158467	47.726m	59.664m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071921\
Data File : PL068254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2021 06:26
Operator : AR\AJ
Sample : PB137729BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

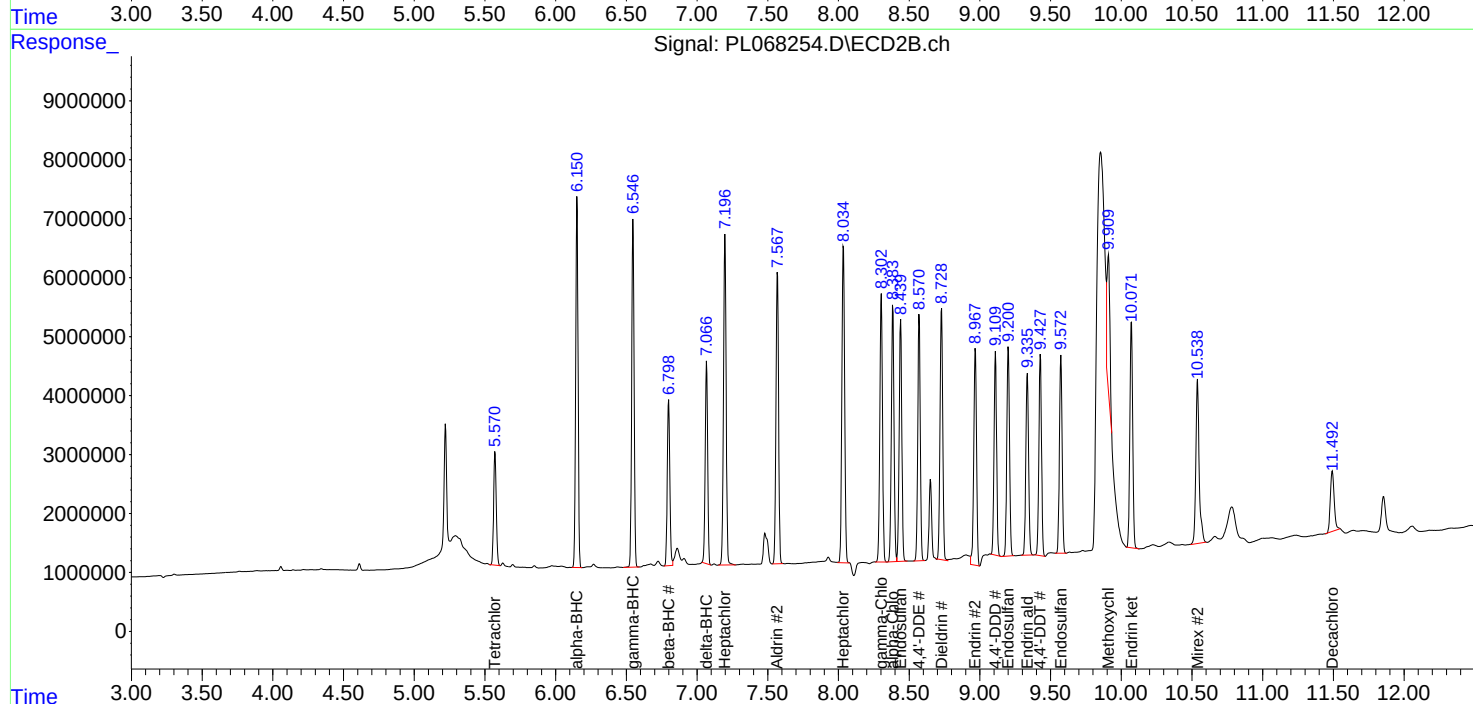
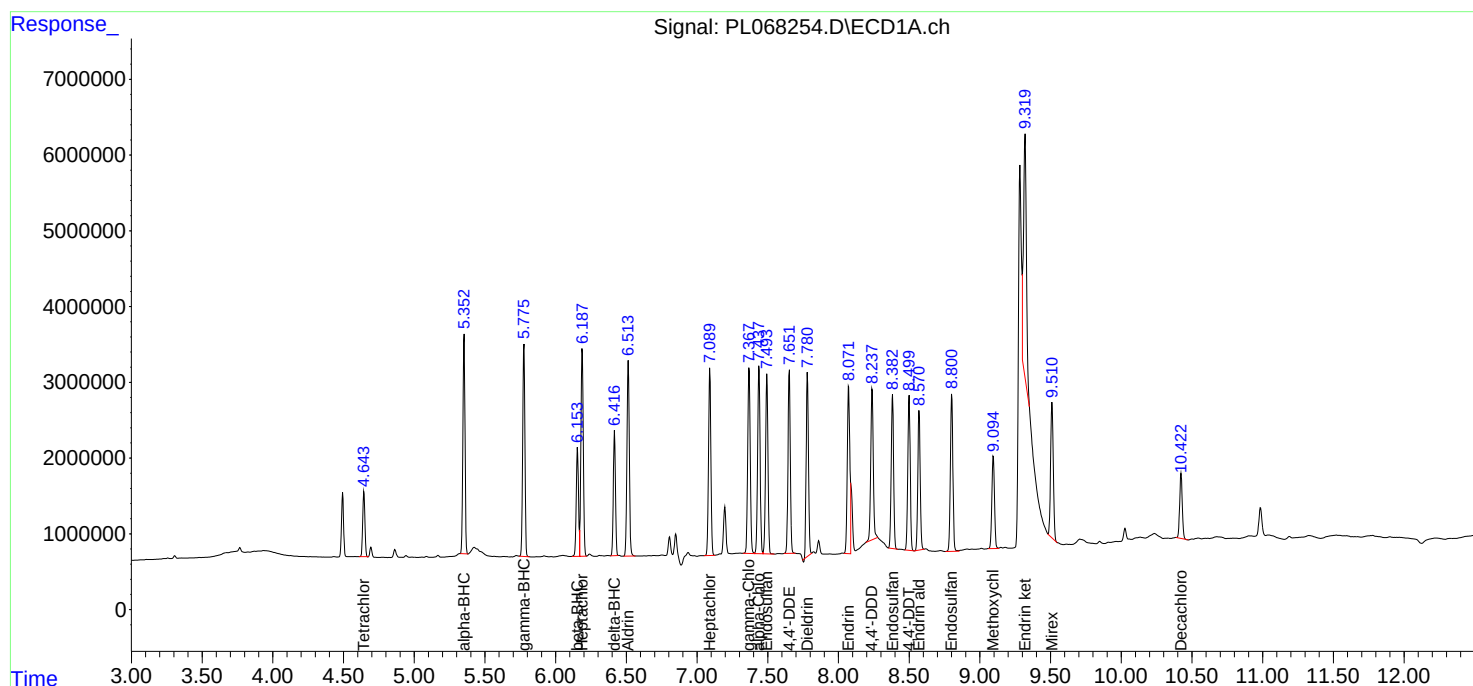
Instrument :
ECD_L
ClientSampleId :
PB137729BS

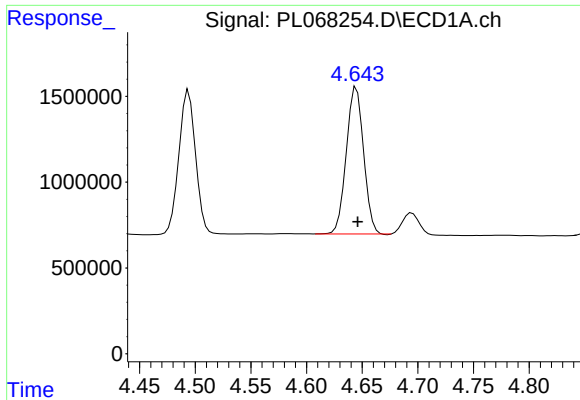
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 07:23:30 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
Quant Title : GC Extractables
QLast Update : Tue Jul 20 03:26:29 2021
Response 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





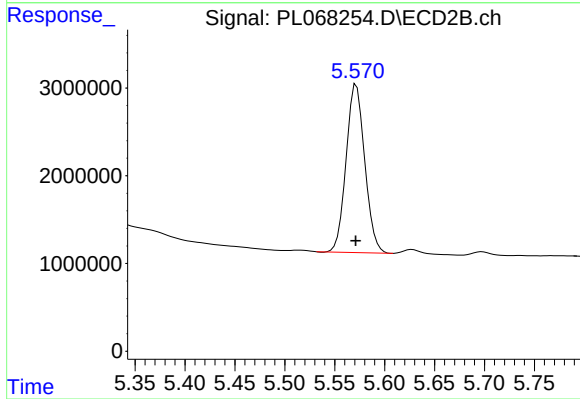
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: -0.001 min
Response: 9243889
Conc: 21.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137729BS

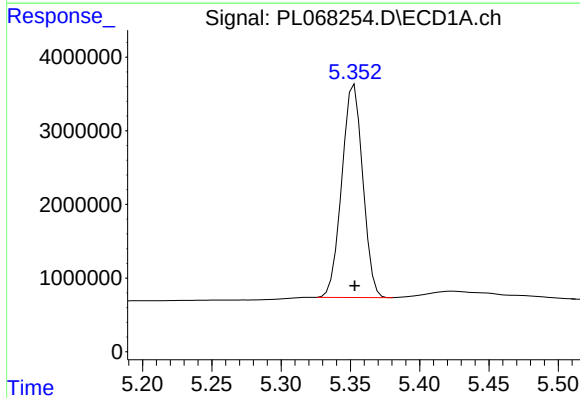
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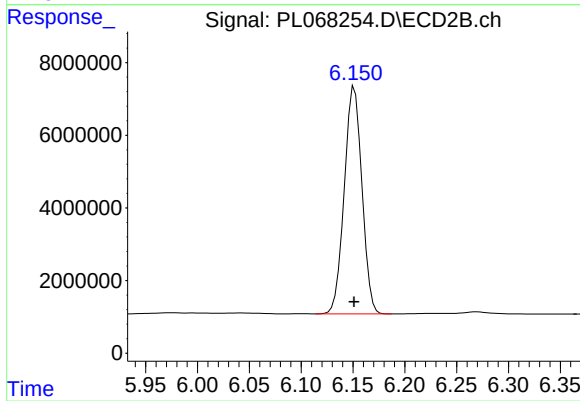
#1 Tetrachloro-m-xylene

R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 24911736
Conc: 24.41 ng/ml



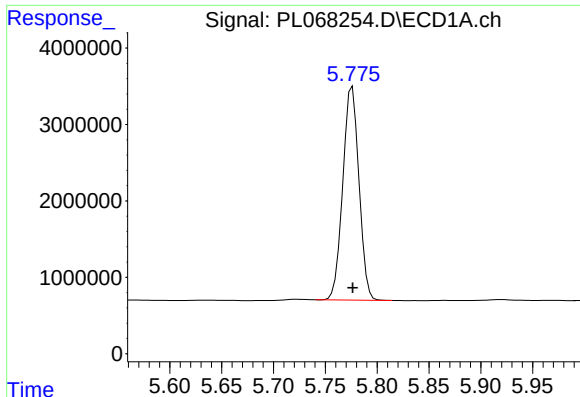
#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 30514805
Conc: 52.13 ng/ml



#2 alpha-BHC

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 74236068
Conc: 54.60 ng/ml



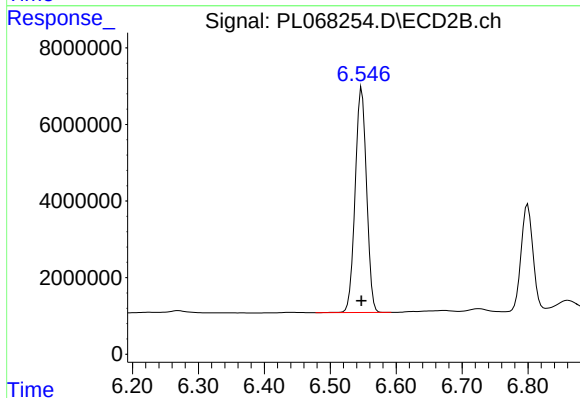
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 30320866
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137729BS

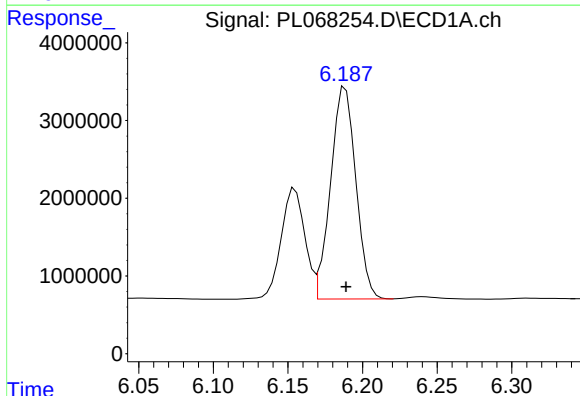
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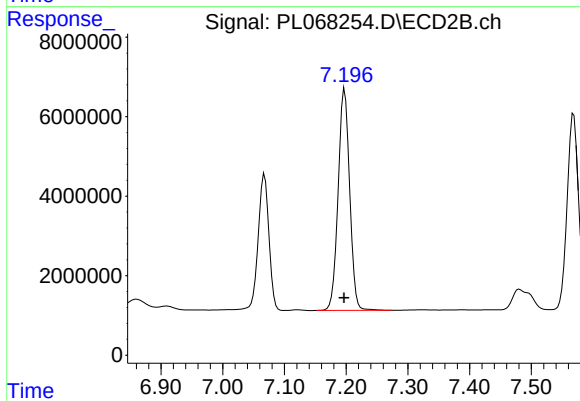
#3 gamma-BHC (Lindane)

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 70580078
Conc: 54.70 ng/ml



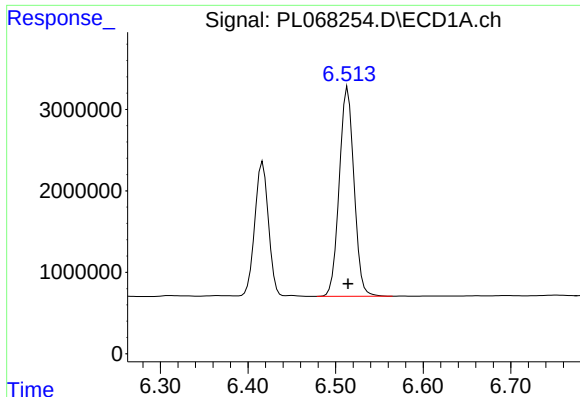
#4 Heptachlor

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 32178454
Conc: 52.79 ng/ml



#4 Heptachlor

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 72390773
Conc: 55.54 ng/ml



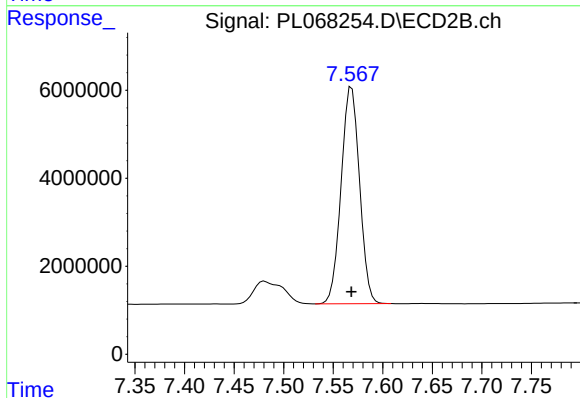
#5 Aldrin

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 30024376
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137729BS

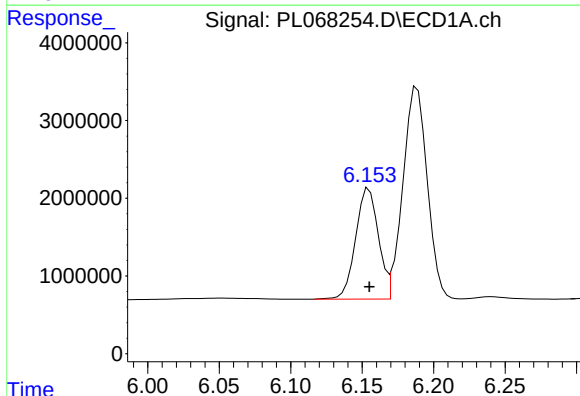
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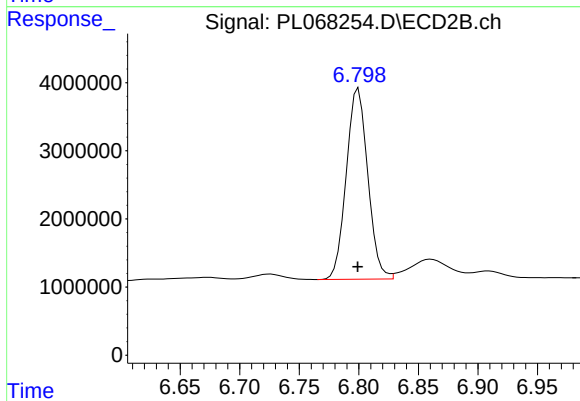
#5 Aldrin

R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 63748009
Conc: 53.73 ng/ml



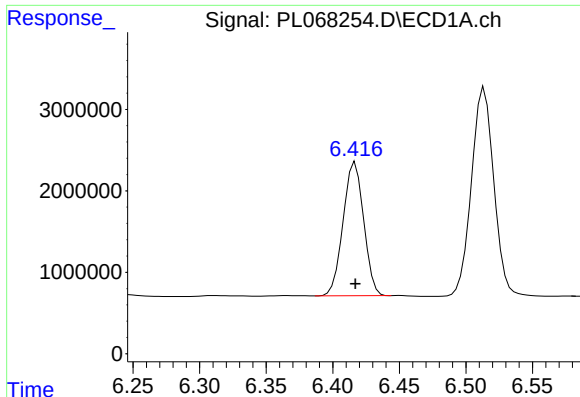
#6 beta-BHC

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 15786025
Conc: 53.95 ng/ml



#6 beta-BHC

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 35243442
Conc: 49.89 ng/ml



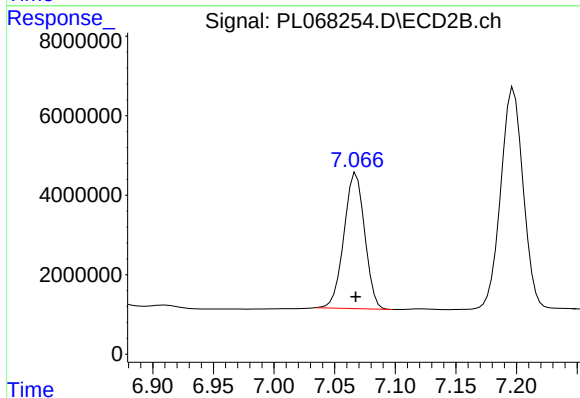
#7 delta-BHC

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 17677324
Conc: 31.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137729BS

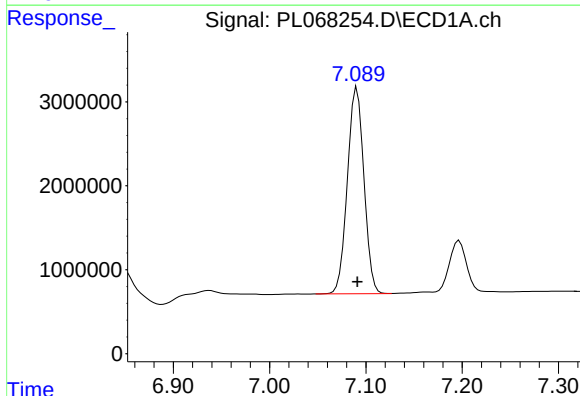
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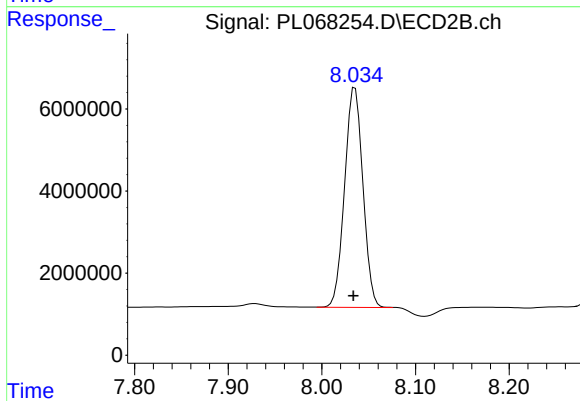
#7 delta-BHC

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 40508390
Conc: 33.06 ng/ml



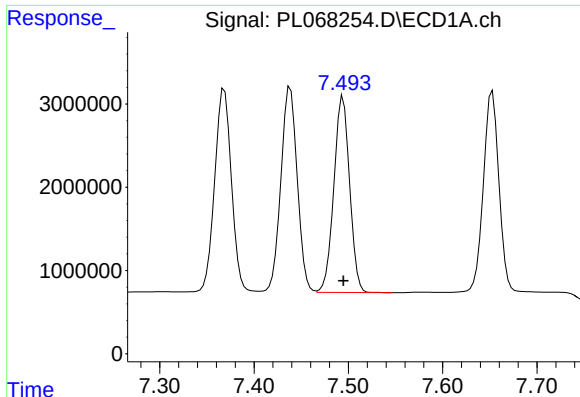
#8 Heptachlor epoxide

R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 29251386
Conc: 52.65 ng/ml m



#8 Heptachlor epoxide

R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 72901467
Conc: 64.48 ng/ml m



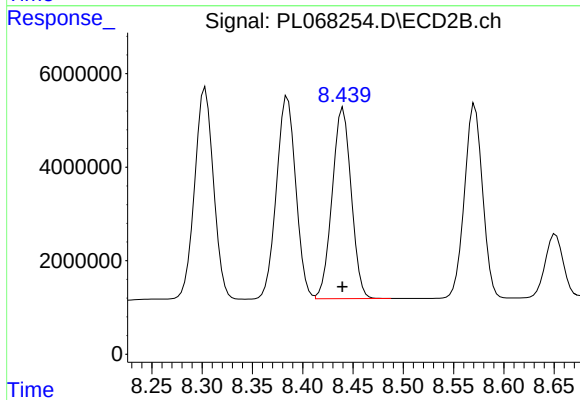
#9 Endosulfan I

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 27371192
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137729BS

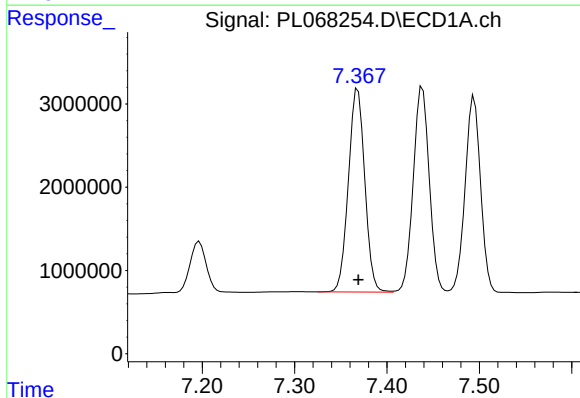
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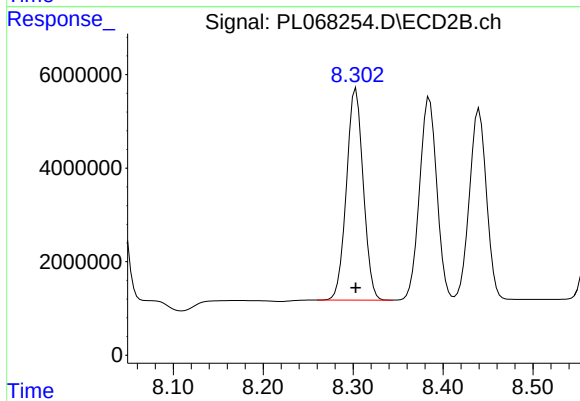
#9 Endosulfan I

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 53784946
Conc: 52.24 ng/ml



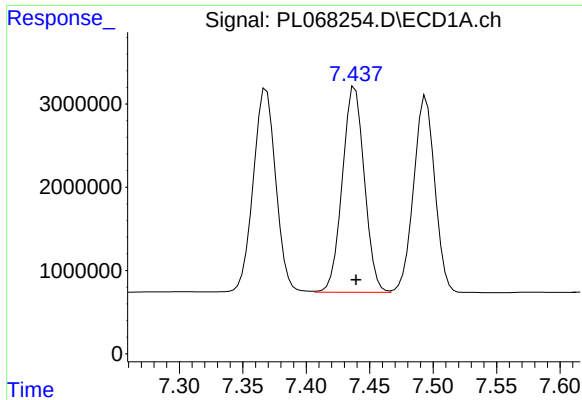
#10 gamma-Chlordane

R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 30122141
Conc: 52.50 ng/ml



#10 gamma-Chlordane

R.T.: 8.303 min
Delta R.T.: 0.000 min
Response: 58731794
Conc: 52.15 ng/ml



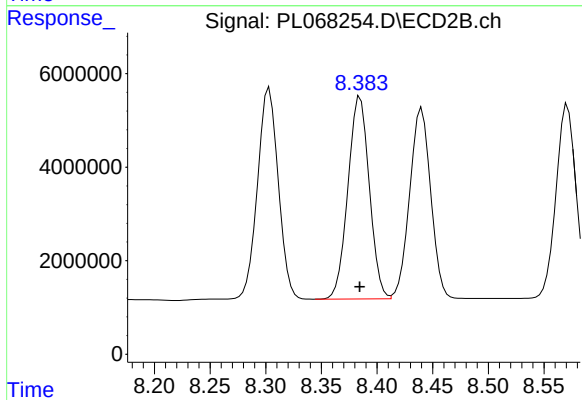
#11 alpha-Chlordane

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 29799736
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137729BS

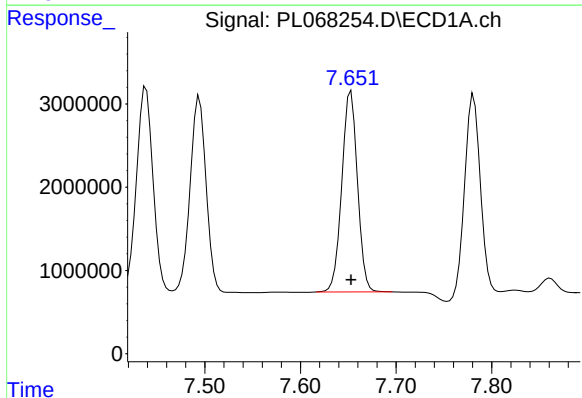
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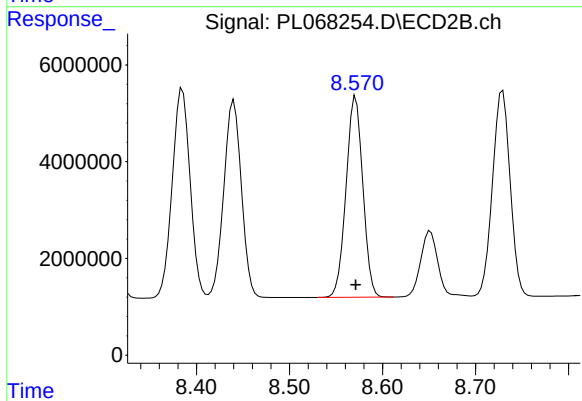
#11 alpha-Chlordane

R.T.: 8.385 min
Delta R.T.: 0.000 min
Response: 57972387
Conc: 51.54 ng/ml



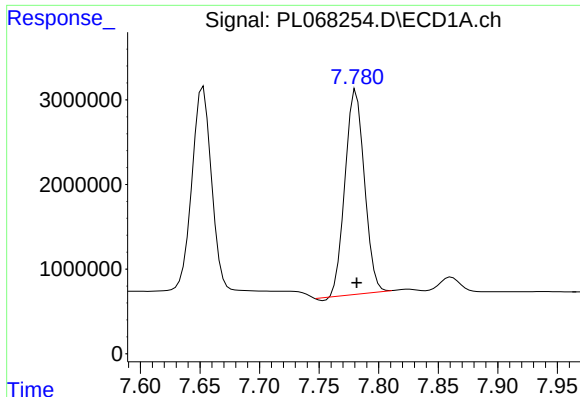
#12 4,4'-DDE

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 27548791
Conc: 54.67 ng/ml



#12 4,4'-DDE

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 52047796
Conc: 50.50 ng/ml



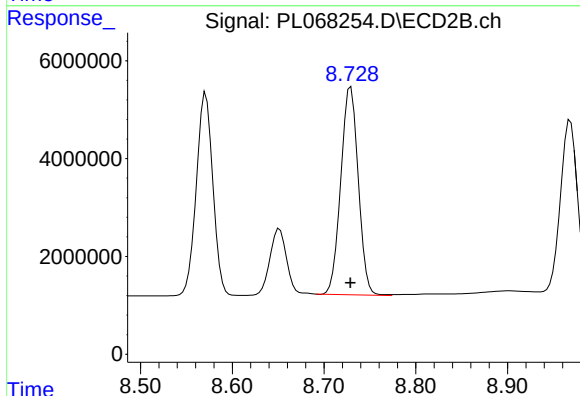
#13 Dieldrin

R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 27212364
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137729BS

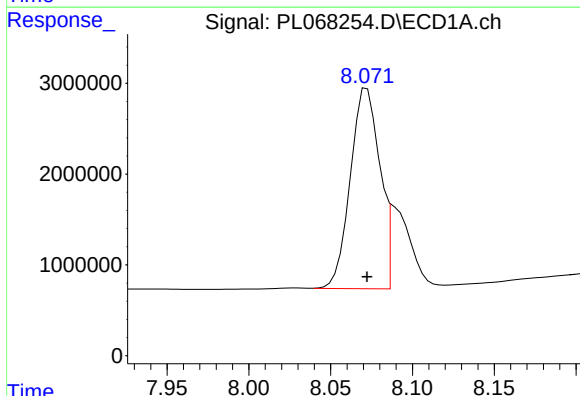
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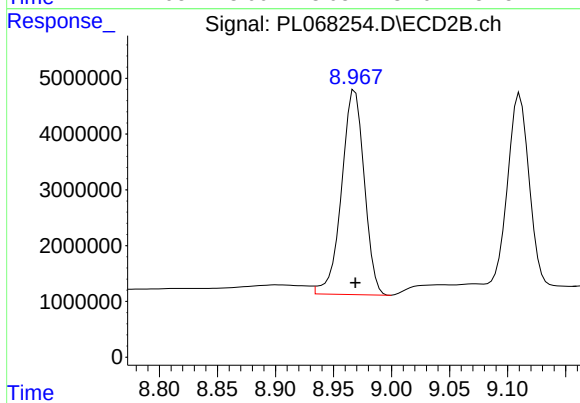
#13 Dieldrin

R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 56223458
Conc: 53.01 ng/ml



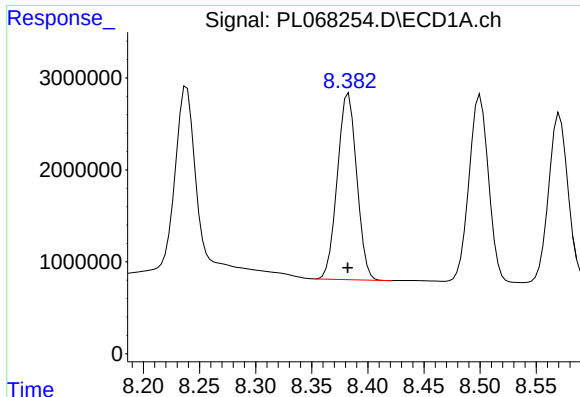
#14 Endrin

R.T.: 8.071 min
Delta R.T.: -0.002 min
Response: 29403516
Conc: 58.80 ng/ml m



#14 Endrin

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 49909540
Conc: 55.82 ng/ml



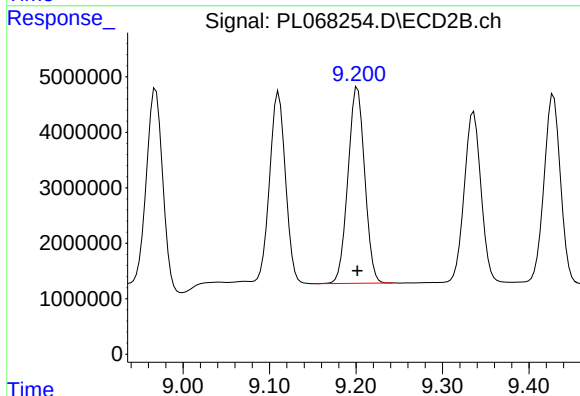
#15 Endosulfan II

R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 24365805
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137729BS

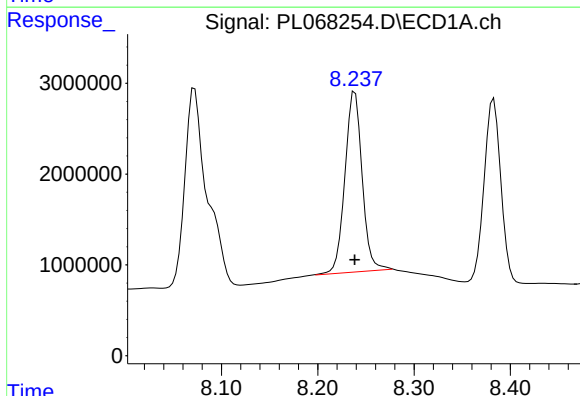
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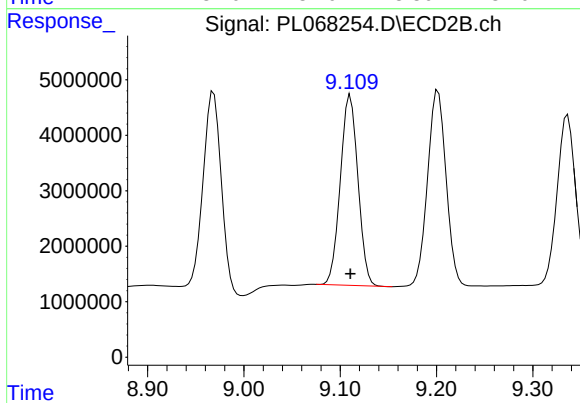
#15 Endosulfan II

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 47422692
Conc: 52.32 ng/ml



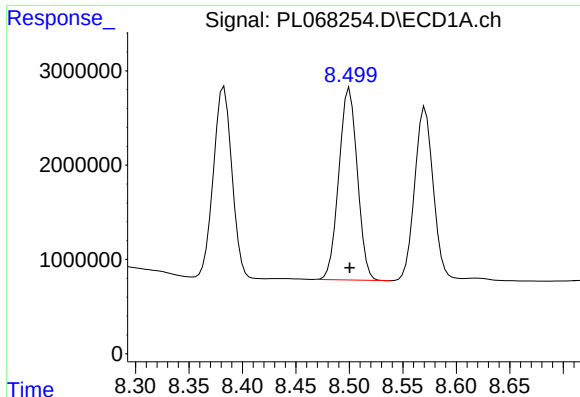
#16 4,4'-DDD

R.T.: 8.237 min
Delta R.T.: -0.001 min
Response: 24608468
Conc: 55.09 ng/ml m



#16 4,4'-DDD

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 43544018
Conc: 51.14 ng/ml



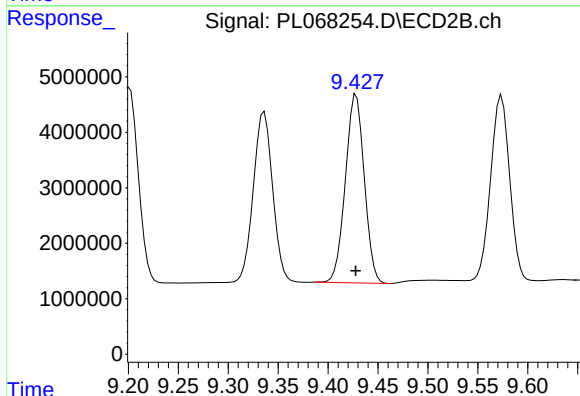
#17 4,4'-DDT

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 24543096
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137729BS

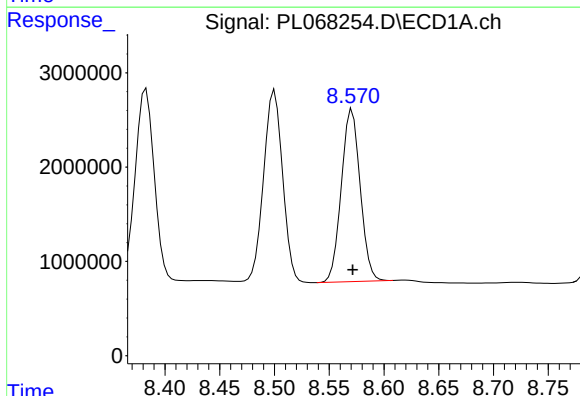
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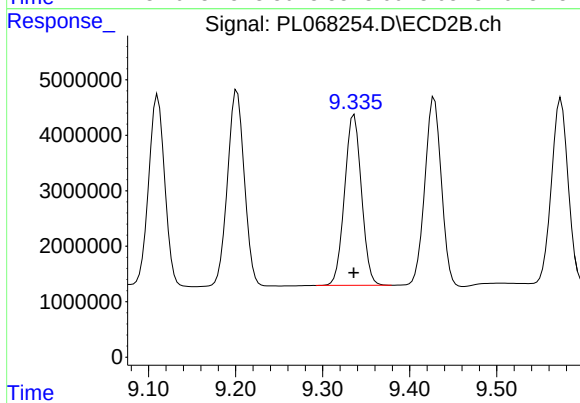
#17 4,4'-DDT

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 44769408
Conc: 47.43 ng/ml



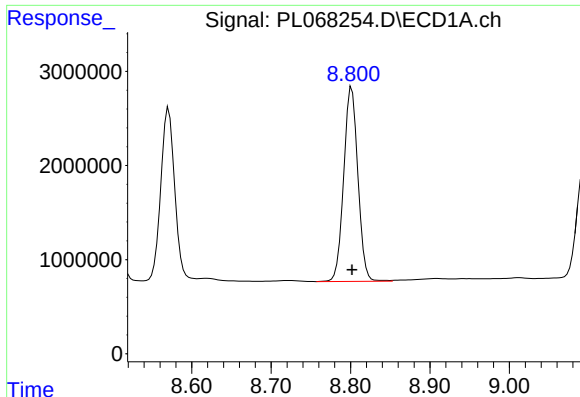
#18 Endrin aldehyde

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 21913733
Conc: 55.32 ng/ml



#18 Endrin aldehyde

R.T.: 9.336 min
Delta R.T.: 0.000 min
Response: 41475374
Conc: 57.55 ng/ml



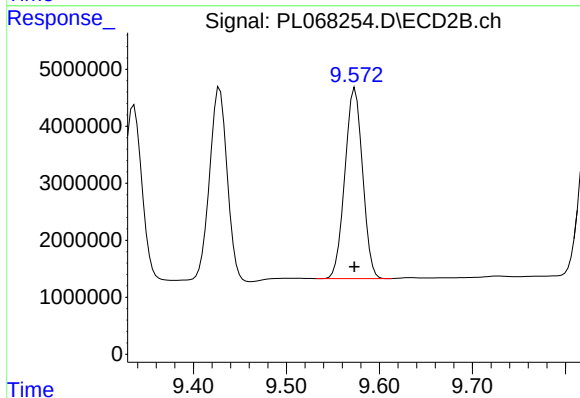
#19 Endosulfan Sulfate

R.T.: 8.802 min
Delta R.T.: 0.000 min
Response: 25687776
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137729BS

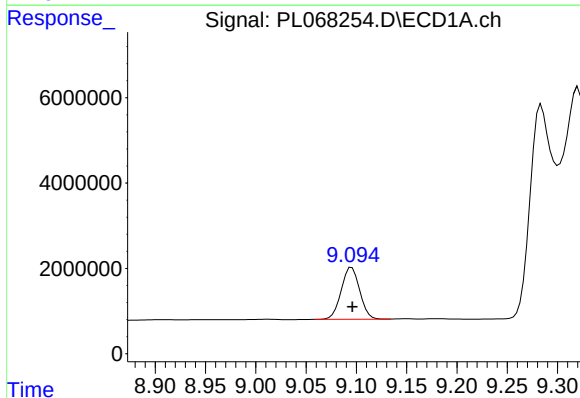
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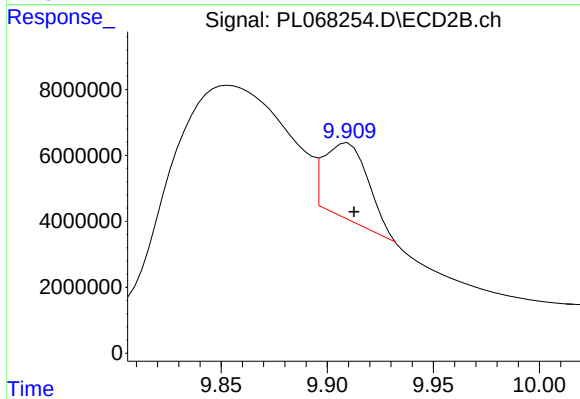
#19 Endosulfan Sulfate

R.T.: 9.574 min
Delta R.T.: 0.000 min
Response: 44202102
Conc: 49.09 ng/ml



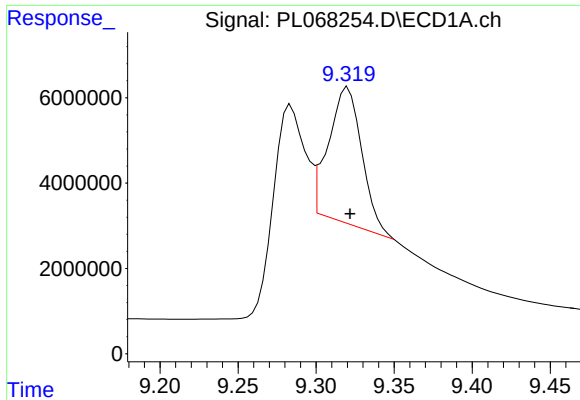
#20 Methoxychlor

R.T.: 9.095 min
Delta R.T.: 0.000 min
Response: 15589096
Conc: 49.84 ng/ml



#20 Methoxychlor

R.T.: 9.909 min
Delta R.T.: -0.003 min
Response: 31900252
Conc: 62.79 ng/ml m



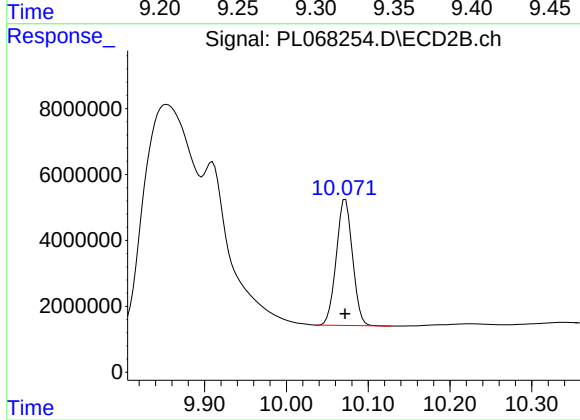
#21 Endrin ketone

R.T.: 9.319 min
Delta R.T.: -0.003 min
Response: 46286870
Conc: 78.17 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB137729BS

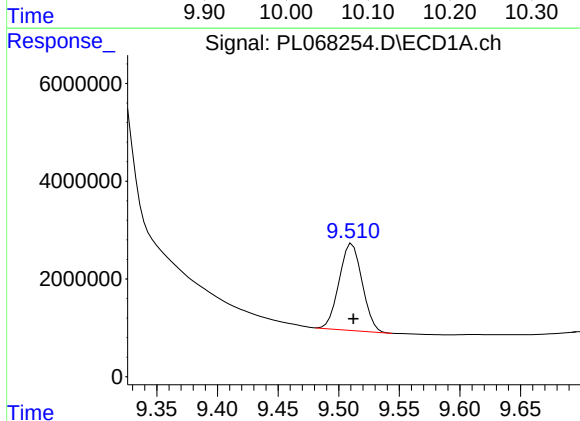
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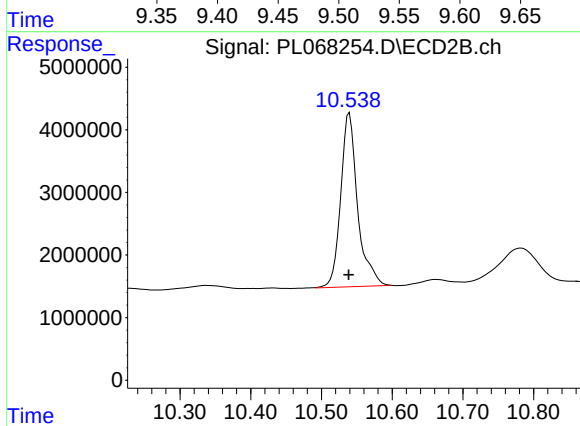
#21 Endrin ketone

R.T.: 10.072 min
Delta R.T.: 0.000 min
Response: 52688283
Conc: 52.83 ng/ml



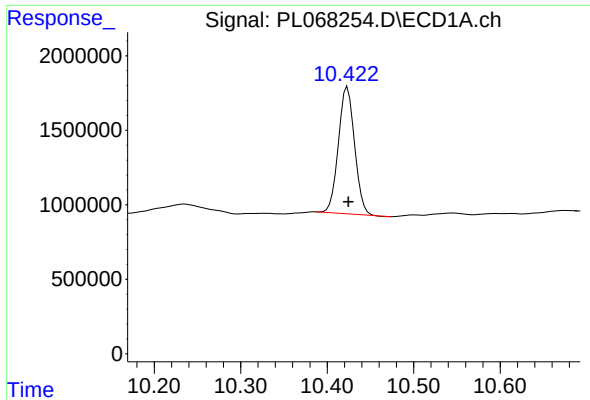
#22 Mirex

R.T.: 9.510 min
Delta R.T.: -0.003 min
Response: 23568073
Conc: 47.73 ng/ml m



#22 Mirex

R.T.: 10.538 min
Delta R.T.: 0.000 min
Response: 46158467
Conc: 59.66 ng/ml m



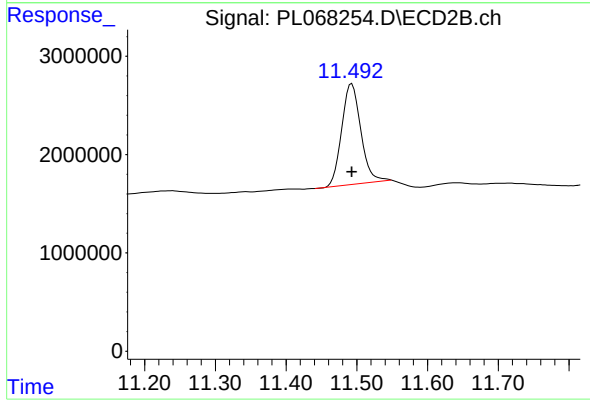
#28 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: -0.001 min
Response: 10965849
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB137729BS

Manual Integrations
APPROVED

mohammad
7/20/2021 10:06:50 AM



#28 Decachlorobiphenyl

R.T.: 11.493 min
Delta R.T.: 0.000 min
Response: 19306007
Conc: 21.64 ng/ml