

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100621\
 Data File : PL070172.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2021 13:52
 Operator : AR\AJ
 Sample : M4081-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 356MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 21:52:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 29 09:19:28 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...	4.628	5.565	9073145	20724819	18.132	15.669
28)	SA Decachlor...	10.394	11.487	5800556	10115806	8.383	8.359
Target Compounds							
2)	A alpha-BHC	5.335	6.147	36521815	86999436	49.339	44.480
3)	MA gamma-BHC...	5.758	6.543	33906915	75798338	48.560	41.371
4)	MA Heptachlor	6.167	7.192	36285313	75502529	47.633	40.485
5)	MB Aldrin	6.492	7.563	34278917	71748361	47.490	41.640
6)	B beta-BHC	6.139	6.797	15945827	34144008	47.495	39.709
7)	B delta-BHC	6.399	7.065	31281078	73224441	45.248	37.830
8)	B Heptachlo...	7.069	8.030	33768839	61966520	48.157	39.982
9)	A Endosulfan I	7.472	8.436	32189358	55559428	48.167	37.763
10)	B gamma-Chl...	7.346	8.300	37562974	66402966	51.867	41.516
11)	B alpha-Chl...	7.415	8.381	36610386	66735145	50.267	42.314
12)	B 4,4'-DDE	7.629	8.568	31611009	58195643	49.667	37.573
13)	MA Dieldrin	7.758	8.725	34556252	59245398	50.295	38.811
14)	MA Endrin	8.049	8.965	28950543	46950451	45.813	37.377
15)	B Endosulfa...	8.359	9.197	27748957	45913832	43.742	38.424m
16)	A 4,4'-DDD	8.214	9.107	26305045	46305027	46.902	39.200
17)	MA 4,4'-DDT	8.475	9.425	27020575	45784633	44.172	35.035
18)	B Endrin al...	8.548	9.333	22495156	36337544	45.402	37.674
19)	B Endosulfa...	8.778	9.571	28545233	42578333	43.267	34.793
20)	A Methoxychlor	9.069	9.911	16740549	22368337	44.833	34.565
21)	B Endrin ke...	9.298	10.069	30096023	48123917	39.386	35.976
22)	Mirex	9.484	10.535	24476825	33968917	37.109	34.482

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100621\
Data File : PL070172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Oct 2021 13:52
Operator : AR\AJ
Sample : M4081-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

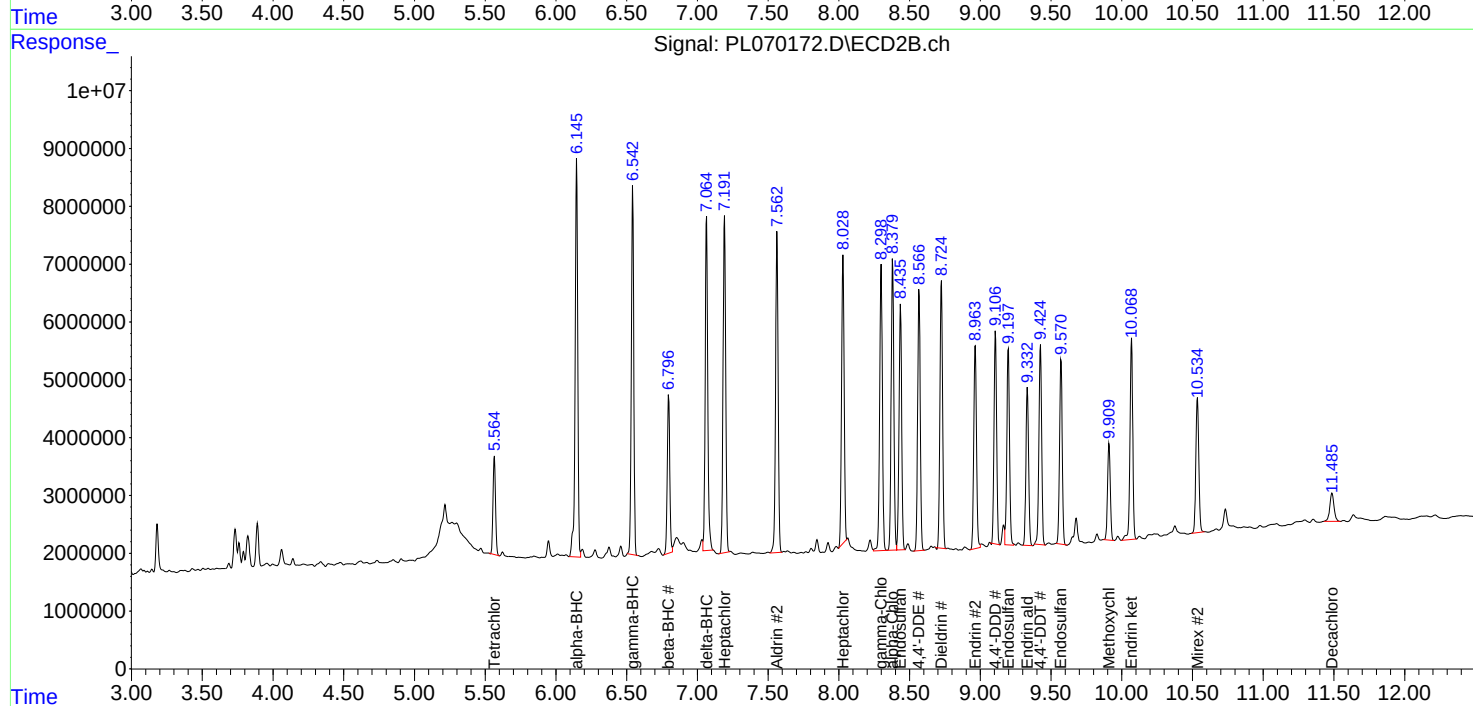
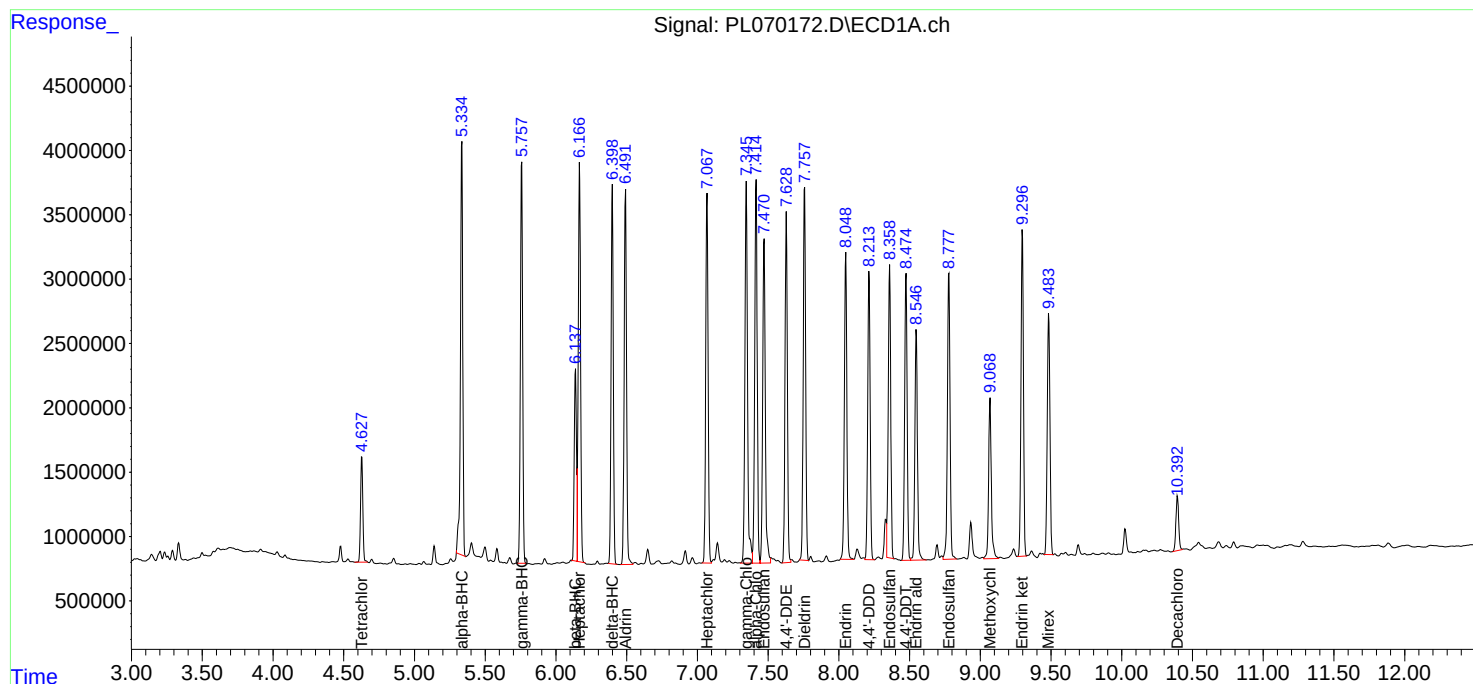
Instrument :
ECD_L
ClientSampleId :
356MS

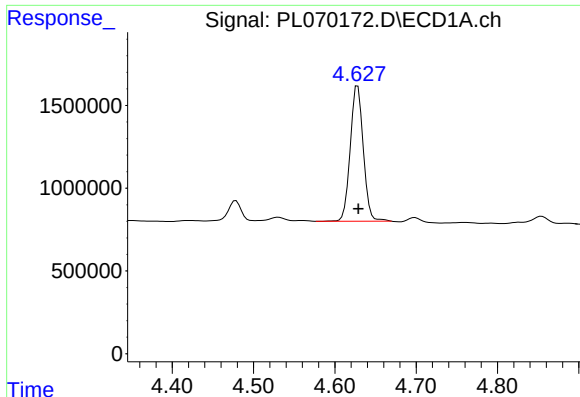
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 06 21:52:40 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
Quant Title : GC Extractables
QLast Update : Wed Sep 29 09:19:28 2021
Response 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





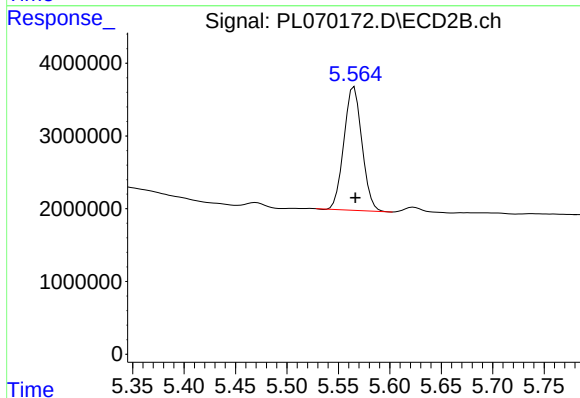
#1 Tetrachloro-m-xylene

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 9073145
Conc: 18.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

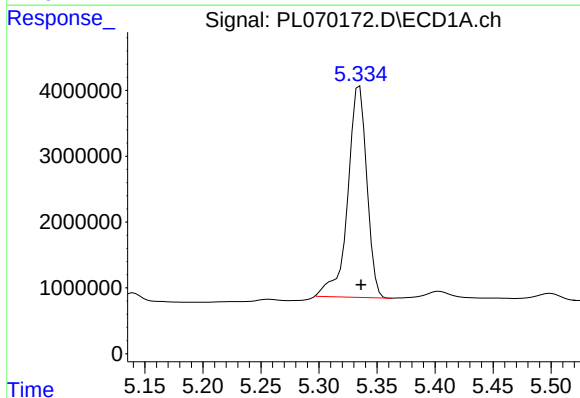
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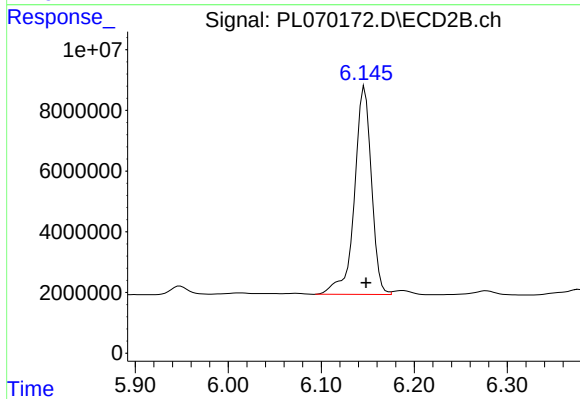
#1 Tetrachloro-m-xylene

R.T.: 5.565 min
Delta R.T.: -0.001 min
Response: 20724819
Conc: 15.67 ng/ml



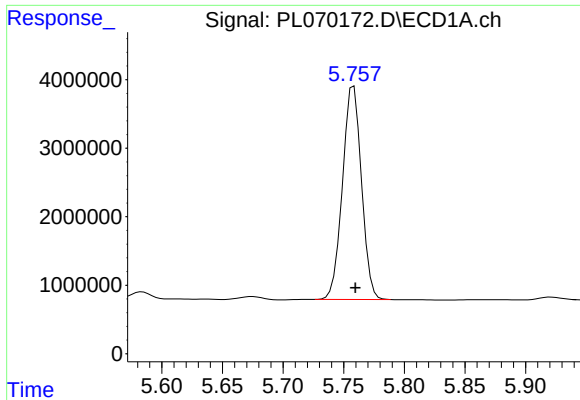
#2 alpha-BHC

R.T.: 5.335 min
Delta R.T.: -0.001 min
Response: 36521815
Conc: 49.34 ng/ml



#2 alpha-BHC

R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 86999436
Conc: 44.48 ng/ml



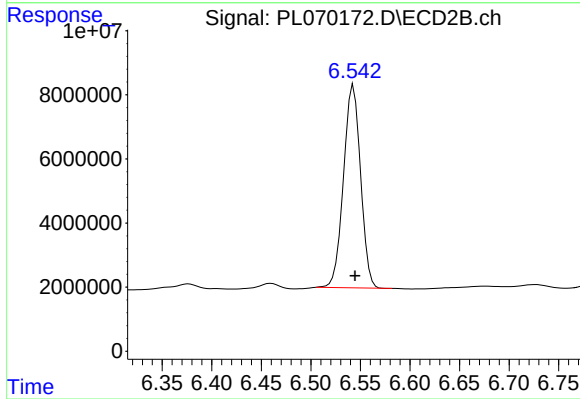
#3 gamma-BHC (Lindane)

R.T.: 5.758 min
Delta R.T.: -0.001 min
Response: 33906915
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

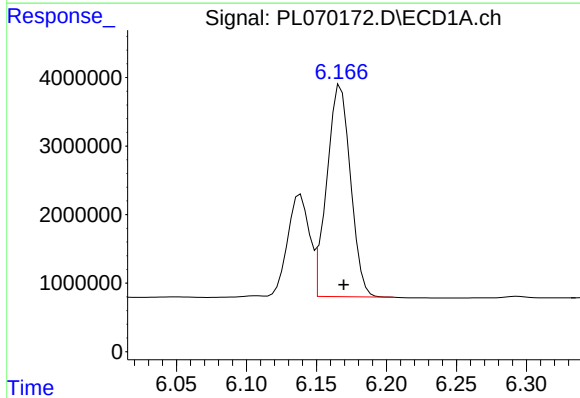
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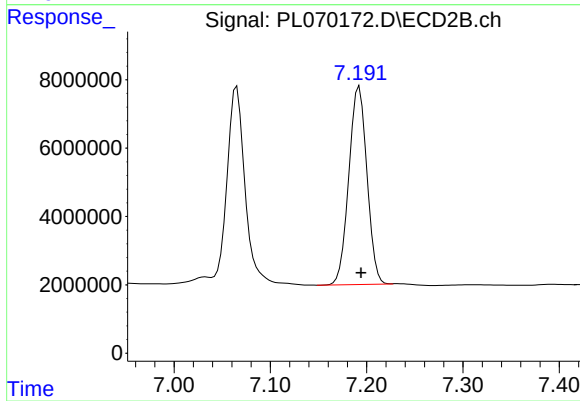
#3 gamma-BHC (Lindane)

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 75798338
Conc: 41.37 ng/ml



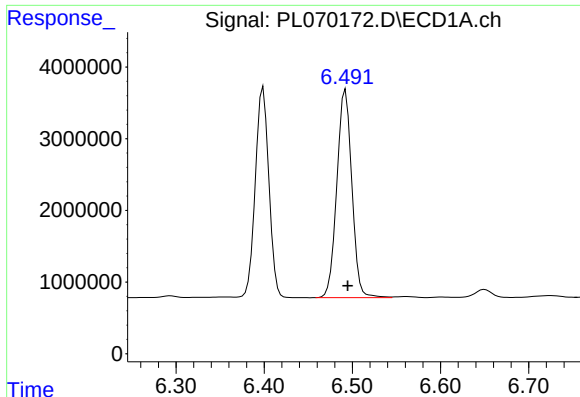
#4 Heptachlor

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 36285313
Conc: 47.63 ng/ml



#4 Heptachlor

R.T.: 7.192 min
Delta R.T.: -0.002 min
Response: 75502529
Conc: 40.48 ng/ml



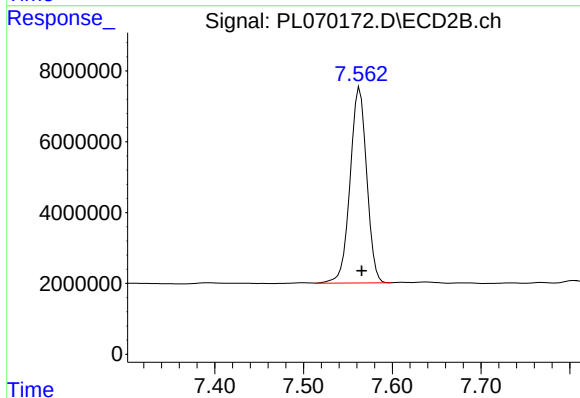
#5 Aldrin

R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 34278917
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

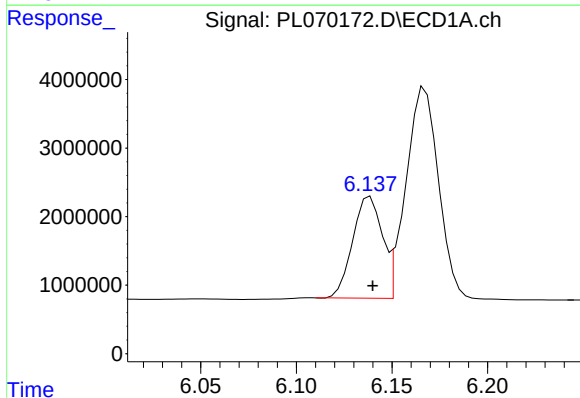
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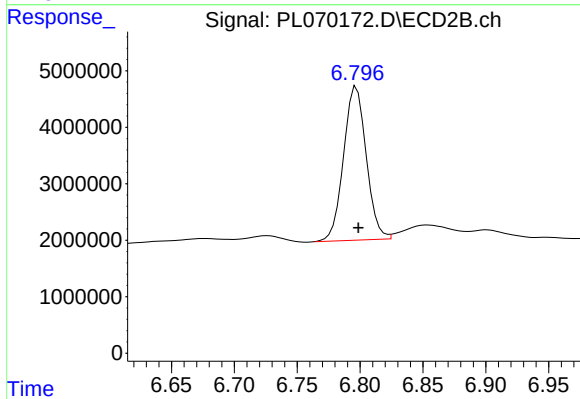
#5 Aldrin

R.T.: 7.563 min
Delta R.T.: -0.002 min
Response: 71748361
Conc: 41.64 ng/ml



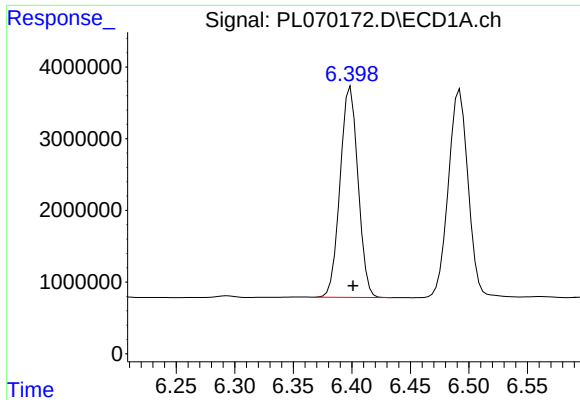
#6 beta-BHC

R.T.: 6.139 min
Delta R.T.: -0.001 min
Response: 15945827
Conc: 47.50 ng/ml



#6 beta-BHC

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 34144008
Conc: 39.71 ng/ml



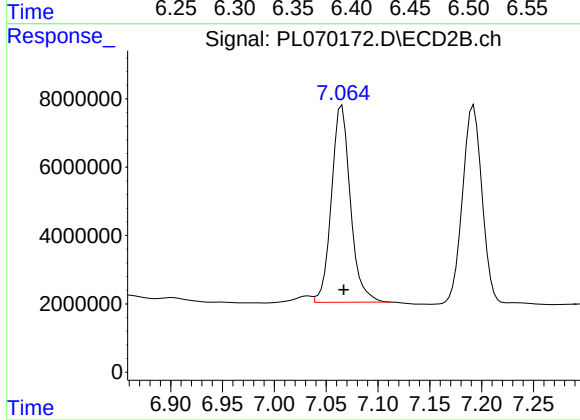
#7 delta-BHC

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 31281078
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

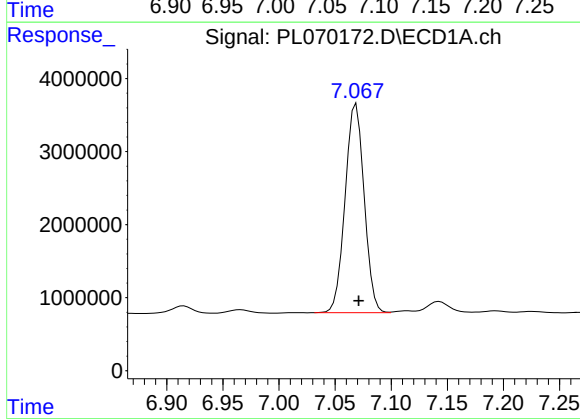
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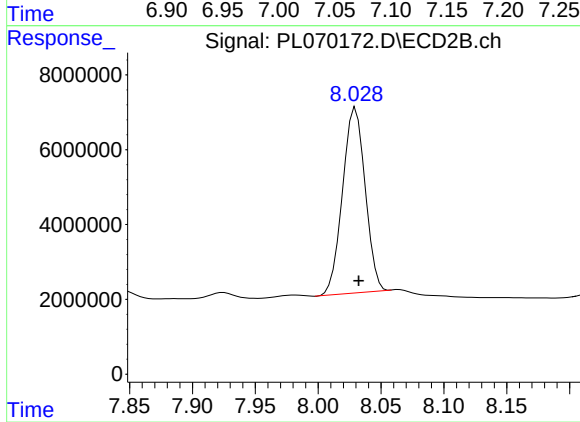
#7 delta-BHC

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 73224441
Conc: 37.83 ng/ml



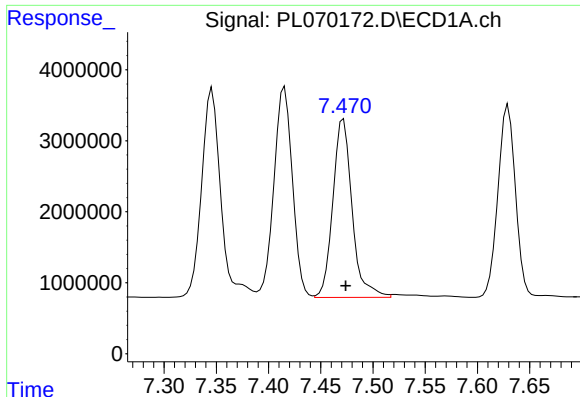
#8 Heptachlor epoxide

R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 33768839
Conc: 48.16 ng/ml



#8 Heptachlor epoxide

R.T.: 8.030 min
Delta R.T.: -0.002 min
Response: 61966520
Conc: 39.98 ng/ml



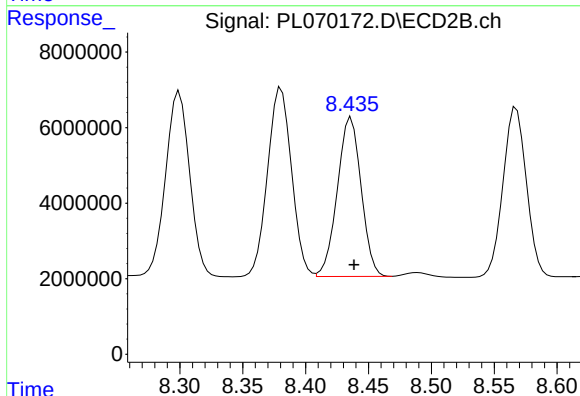
#9 Endosulfan I

R.T.: 7.472 min
Delta R.T.: -0.002 min
Response: 32189358
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

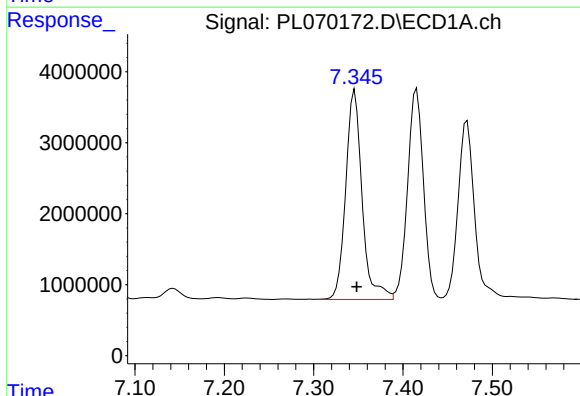
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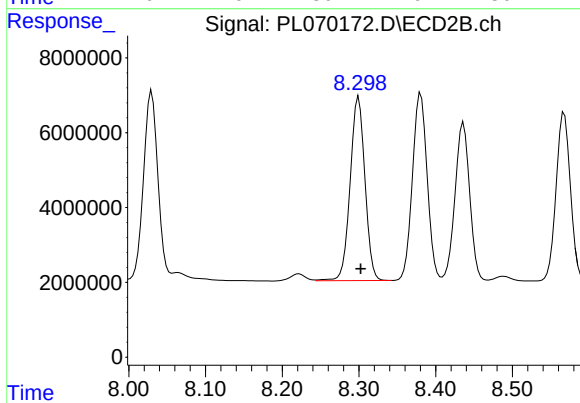
#9 Endosulfan I

R.T.: 8.436 min
Delta R.T.: -0.002 min
Response: 55559428
Conc: 37.76 ng/ml



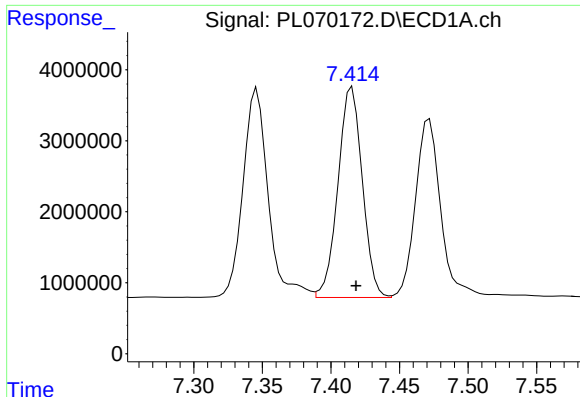
#10 gamma-Chlordane

R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 37562974
Conc: 51.87 ng/ml



#10 gamma-Chlordane

R.T.: 8.300 min
Delta R.T.: -0.002 min
Response: 66402966
Conc: 41.52 ng/ml



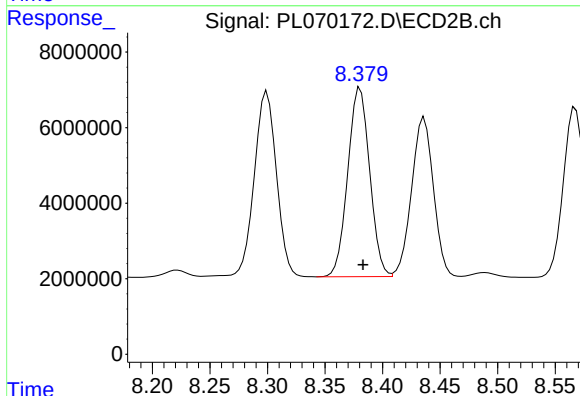
#11 alpha-Chlordane

R.T.: 7.415 min
Delta R.T.: -0.003 min
Response: 36610386
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

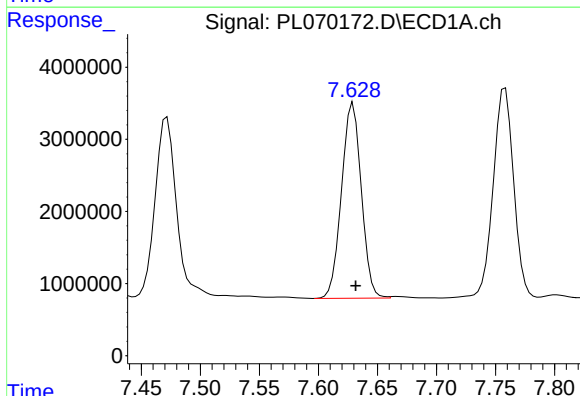
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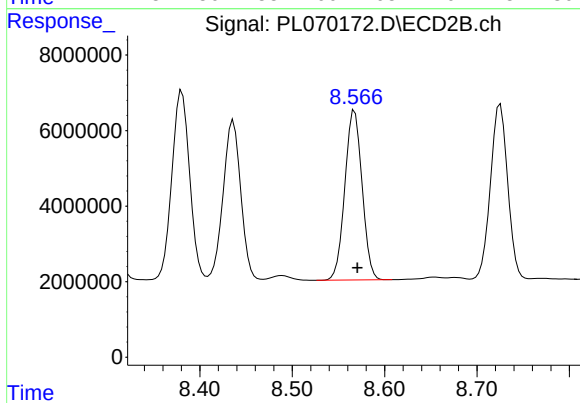
#11 alpha-Chlordane

R.T.: 8.381 min
Delta R.T.: -0.003 min
Response: 66735145
Conc: 42.31 ng/ml



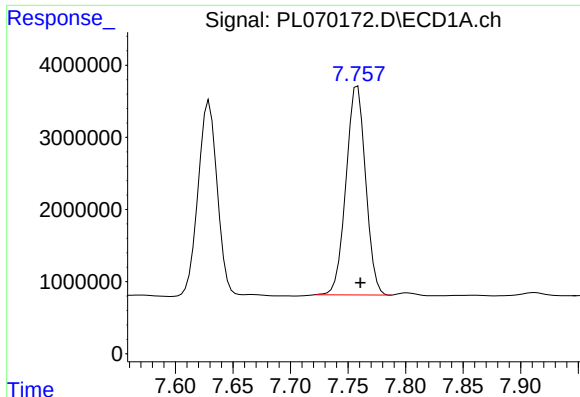
#12 4,4'-DDE

R.T.: 7.629 min
Delta R.T.: -0.002 min
Response: 31611009
Conc: 49.67 ng/ml



#12 4,4'-DDE

R.T.: 8.568 min
Delta R.T.: -0.003 min
Response: 58195643
Conc: 37.57 ng/ml



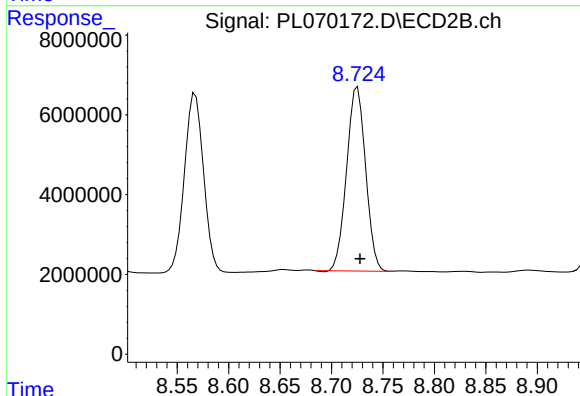
#13 Dieldrin

R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 34556252
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

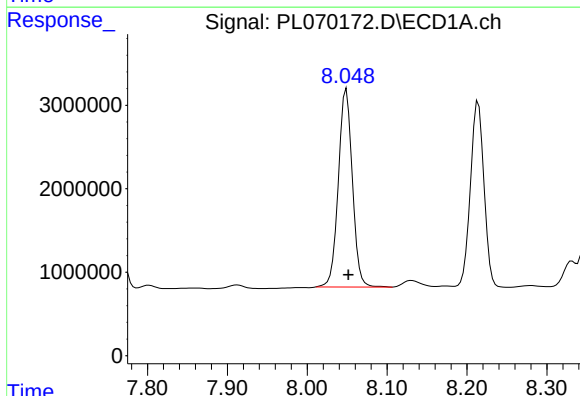
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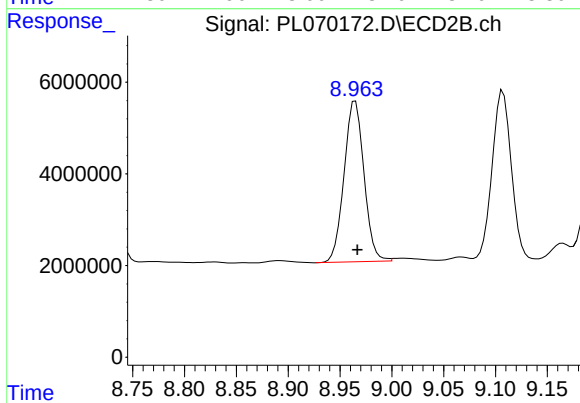
#13 Dieldrin

R.T.: 8.725 min
Delta R.T.: -0.002 min
Response: 59245398
Conc: 38.81 ng/ml



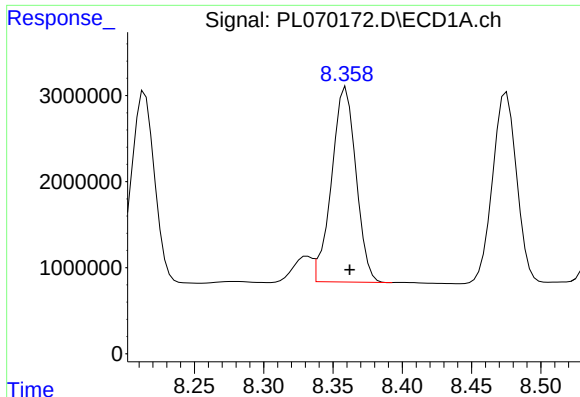
#14 Endrin

R.T.: 8.049 min
Delta R.T.: -0.003 min
Response: 28950543
Conc: 45.81 ng/ml



#14 Endrin

R.T.: 8.965 min
Delta R.T.: -0.002 min
Response: 46950451
Conc: 37.38 ng/ml



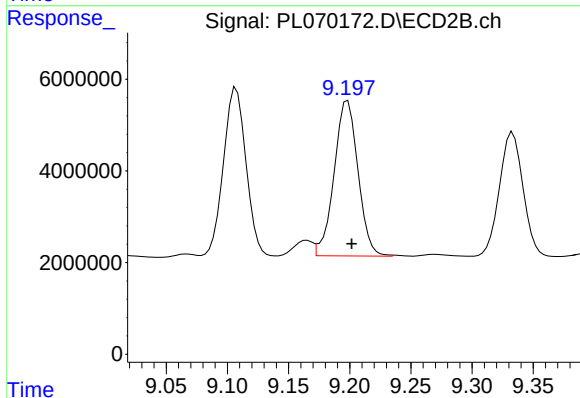
#15 Endosulfan II

R.T.: 8.359 min
Delta R.T.: -0.003 min
Response: 27748957
Conc: 43.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

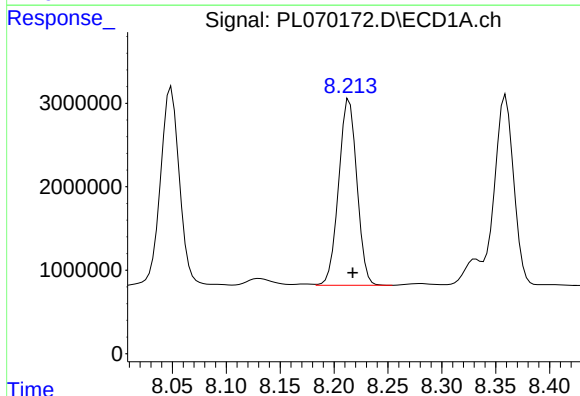
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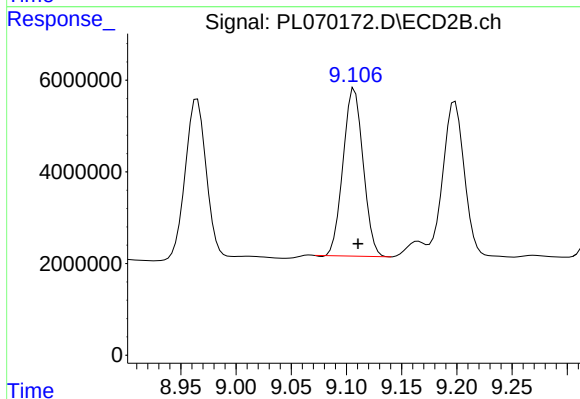
#15 Endosulfan II

R.T.: 9.197 min
Delta R.T.: -0.005 min
Response: 45913832
Conc: 38.42 ng/ml m



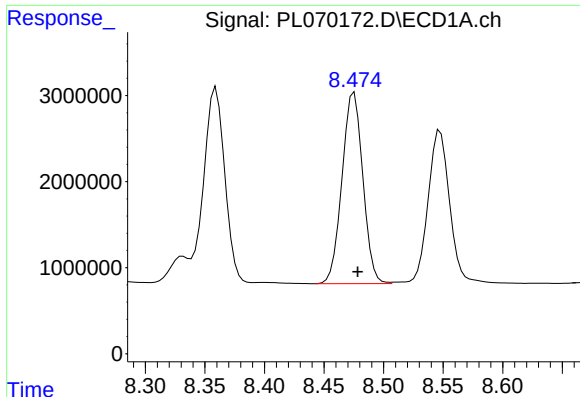
#16 4,4'-DDD

R.T.: 8.214 min
Delta R.T.: -0.003 min
Response: 26305045
Conc: 46.90 ng/ml



#16 4,4'-DDD

R.T.: 9.107 min
Delta R.T.: -0.003 min
Response: 46305027
Conc: 39.20 ng/ml



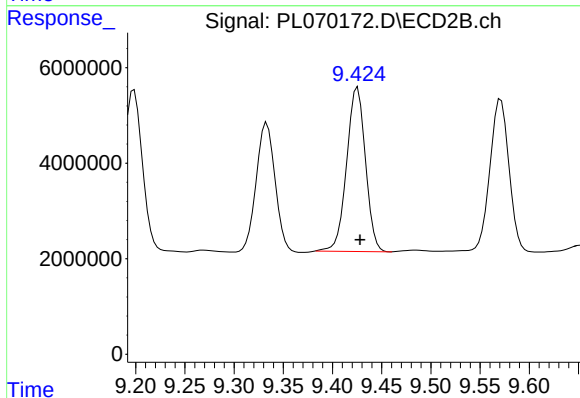
#17 4,4'-DDT

R.T.: 8.475 min
Delta R.T.: -0.003 min
Response: 27020575
Conc: 44.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

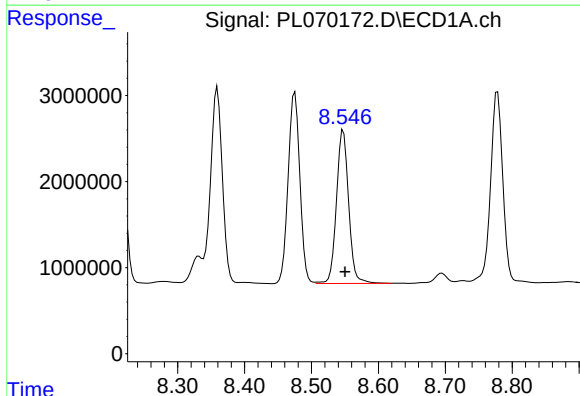
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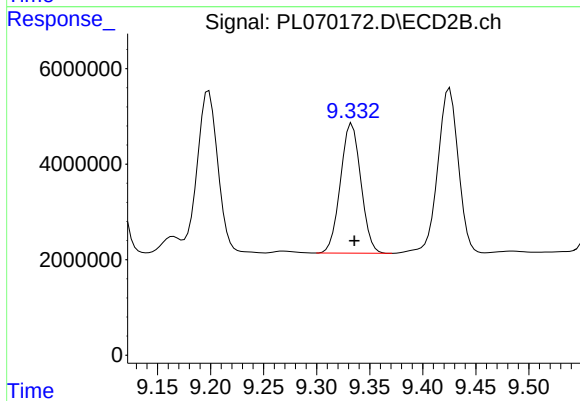
#17 4,4'-DDT

R.T.: 9.425 min
Delta R.T.: -0.003 min
Response: 45784633
Conc: 35.03 ng/ml



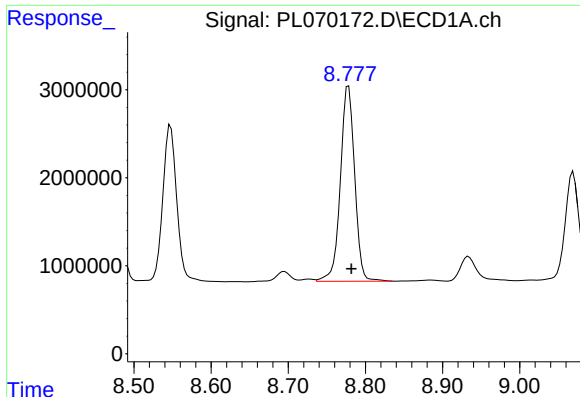
#18 Endrin aldehyde

R.T.: 8.548 min
Delta R.T.: -0.003 min
Response: 22495156
Conc: 45.40 ng/ml



#18 Endrin aldehyde

R.T.: 9.333 min
Delta R.T.: -0.002 min
Response: 36337544
Conc: 37.67 ng/ml



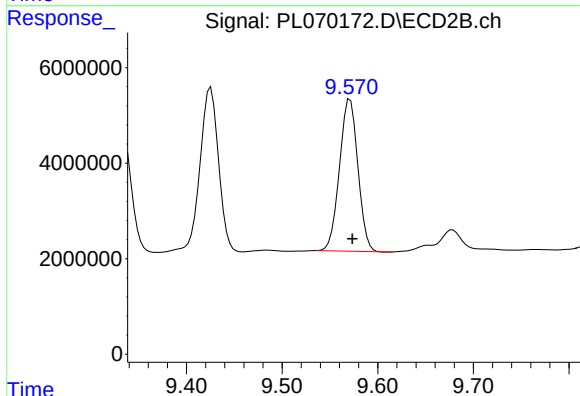
#19 Endosulfan Sulfate

R.T.: 8.778 min
Delta R.T.: -0.004 min
Response: 28545233
Conc: 43.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

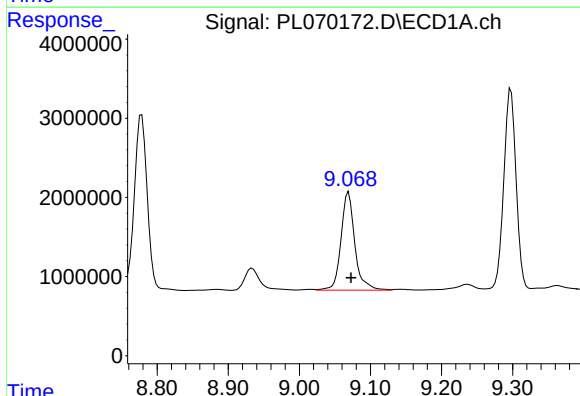
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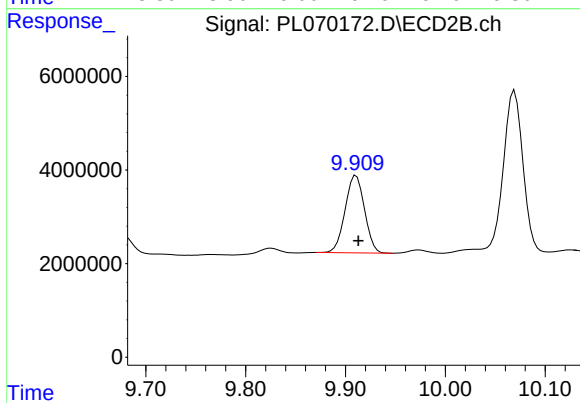
#19 Endosulfan Sulfate

R.T.: 9.571 min
Delta R.T.: -0.002 min
Response: 42578333
Conc: 34.79 ng/ml



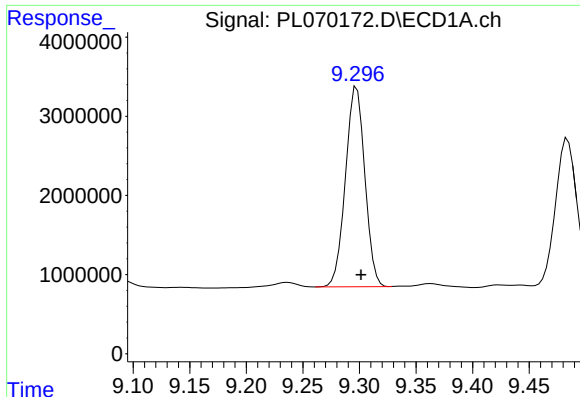
#20 Methoxychlor

R.T.: 9.069 min
Delta R.T.: -0.004 min
Response: 16740549
Conc: 44.83 ng/ml



#20 Methoxychlor

R.T.: 9.911 min
Delta R.T.: -0.002 min
Response: 22368337
Conc: 34.56 ng/ml



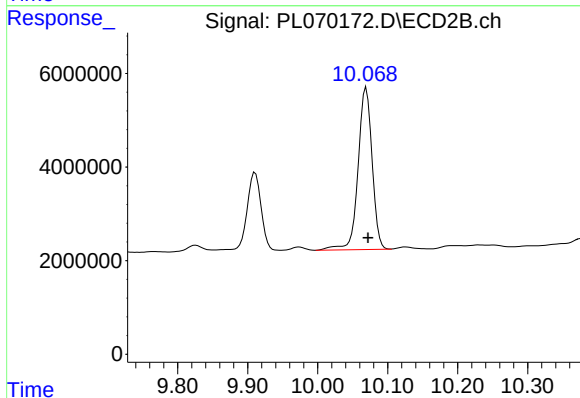
#21 Endrin ketone

R.T.: 9.298 min
Delta R.T.: -0.004 min
Response: 30096023
Conc: 39.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

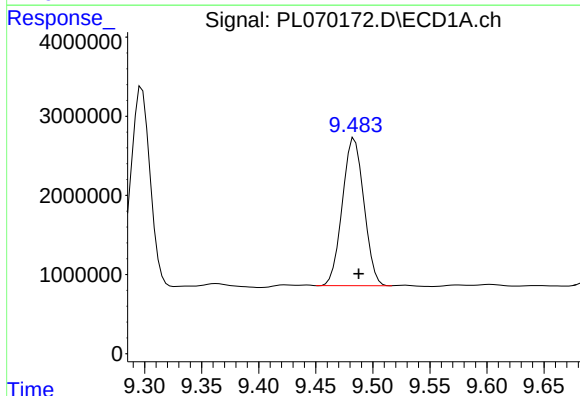
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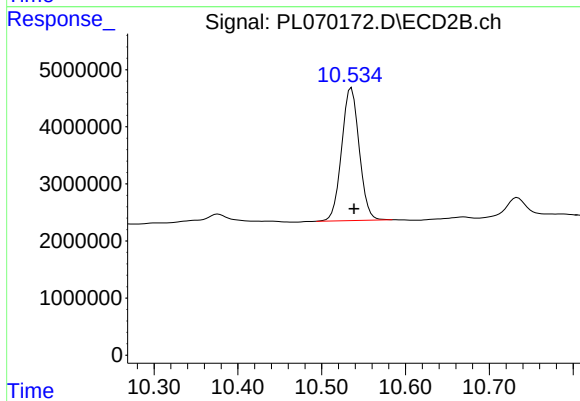
#21 Endrin ketone

R.T.: 10.069 min
Delta R.T.: -0.003 min
Response: 48123917
Conc: 35.98 ng/ml



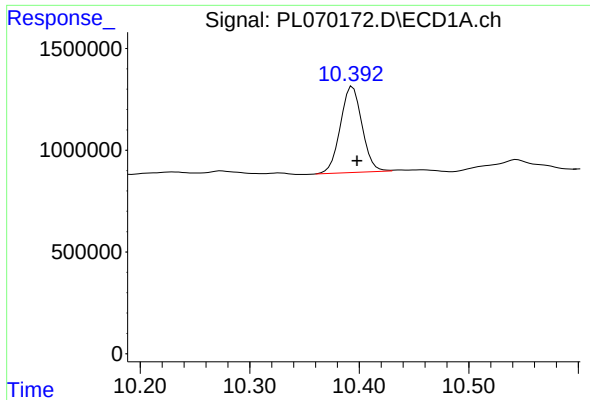
#22 Mirex

R.T.: 9.484 min
Delta R.T.: -0.004 min
Response: 24476825
Conc: 37.11 ng/ml



#22 Mirex

R.T.: 10.535 min
Delta R.T.: -0.003 min
Response: 33968917
Conc: 34.48 ng/ml



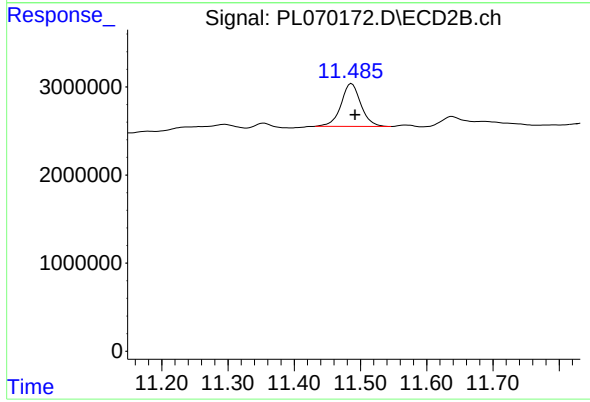
#28 Decachlorobiphenyl

R.T.: 10.394 min
Delta R.T.: -0.004 min
Response: 5800556
Conc: 8.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
356MS

Manual Integrations
APPROVED

mohammad
10/7/2021 8:55:47 AM



#28 Decachlorobiphenyl

R.T.: 11.487 min
Delta R.T.: -0.005 min
Response: 10115806
Conc: 8.36 ng/ml