

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082221\
 Data File : PL069356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2021 02:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

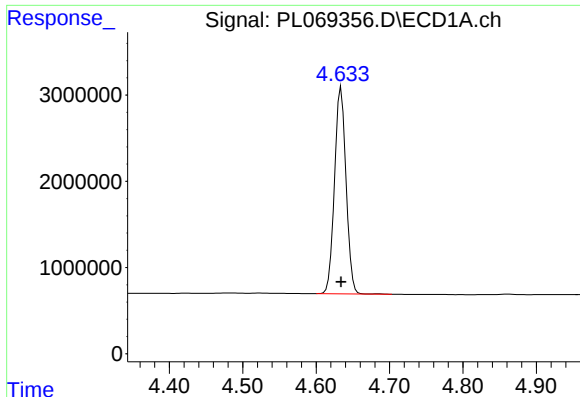
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 07:40:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082021.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 21 02:23:37 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.634	5.569	26120795	77812370	56.615	54.320
28)	SA Decachlor...	10.403	11.492	32501245	57759057	48.154	47.128
Target Compounds							
2)	A alpha-BHC	5.341	6.149	37352282	110.1E6	58.352	56.268
3)	MA gamma-BHC...	5.764	6.545	35210555	101.3E6	55.112	55.188
4)	MA Heptachlor	6.174	7.195	37231283	95651052	53.757	52.487
5)	MB Aldrin	6.499	7.566	35206854	90837687	57.061	54.653
6)	B beta-BHC	6.143	6.798	17946464	46449966	57.265	49.426
7)	B delta-BHC	6.404	7.066	35063318	102.0E6	56.401	55.247
8)	B Heptachlo...	7.075	8.032	34055633	82144506	54.862	54.609
9)	A Endosulfan I	7.478	8.438	32284588	74043796	54.532	53.534
10)	B gamma-Chl...	7.353	8.302	35140866	82495507	54.903	53.627
11)	B alpha-Chl...	7.422	8.383	35138100	80201354	53.925	53.676
12)	B 4,4'-DDE	7.636	8.570	31255467	75060965	55.264	53.660
13)	MA Dieldrin	7.765	8.727	33139565	75322615	54.575	53.641
14)	MA Endrin	8.056	8.967	30128908	60296450	52.168	51.372
15)	B Endosulfa...	8.366	9.200	29476480	59429530	53.052	50.223
16)	A 4,4'-DDD	8.221	9.109	28189639	62061337	55.428	50.596
17)	MA 4,4'-DDT	8.482	9.426	27854734	57518420	48.392	46.948
18)	B Endrin al...	8.554	9.334	23827437	47587407	52.535	50.028
19)	B Endosulfa...	8.785	9.572	30857143	57745817	51.974	50.828
20)	A Methoxychlor	9.076	9.912	16728754	28443158	44.664	44.305
21)	B Endrin ke...	9.304	10.071	36299445	63824496	52.314	49.330
22)	Mirex	9.492	10.537	29939157	47461153	50.337	50.642
24)	Chlordane-2	0.000	7.566f	0	90837687	N.D.	1585.645 #
25)	Chlordane-3	7.353	8.302	35140866	82495507	540.770	385.229 #
26)	Chlordane-4	7.422	8.383	35138100	80201354	503.553	311.604 #
27)	Chlordane-5	8.366	0.000	29476480	0	1155.744	N.D. #

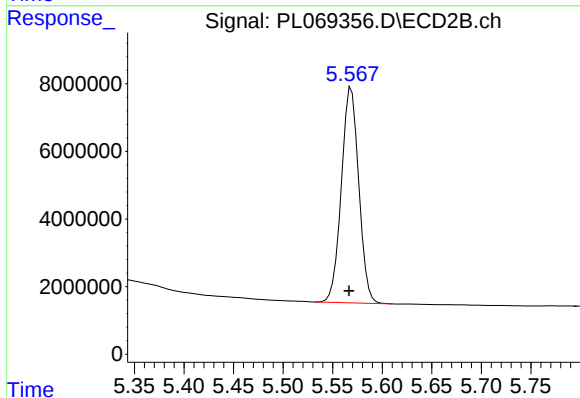
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

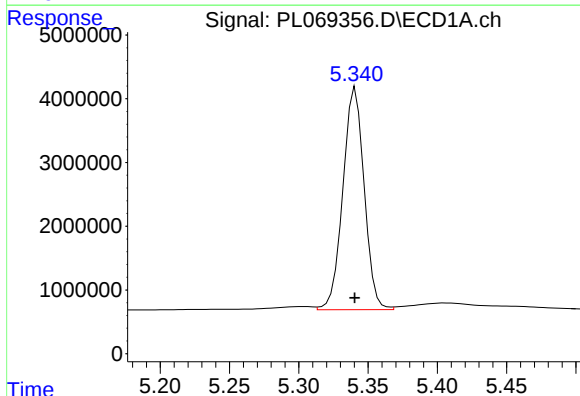
R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 26120795
Conc: 56.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



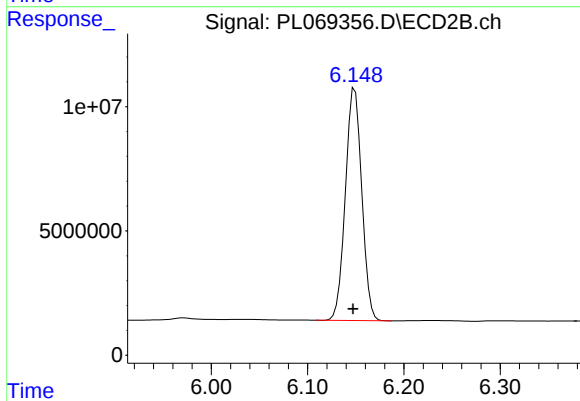
#1 Tetrachloro-m-xylene

R.T.: 5.569 min
Delta R.T.: 0.002 min
Response: 77812370
Conc: 54.32 ng/ml



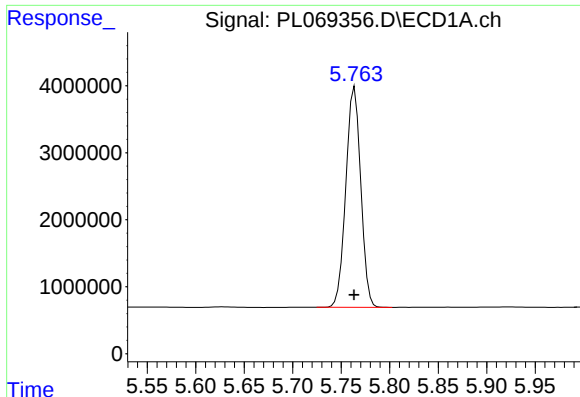
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 37352282
Conc: 58.35 ng/ml



#2 alpha-BHC

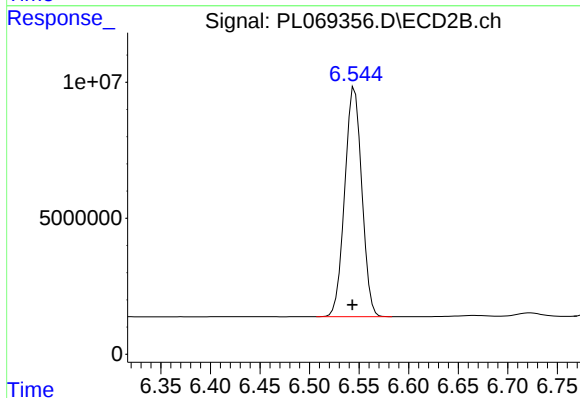
R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 110064870
Conc: 56.27 ng/ml



#3 gamma-BHC (Lindane)

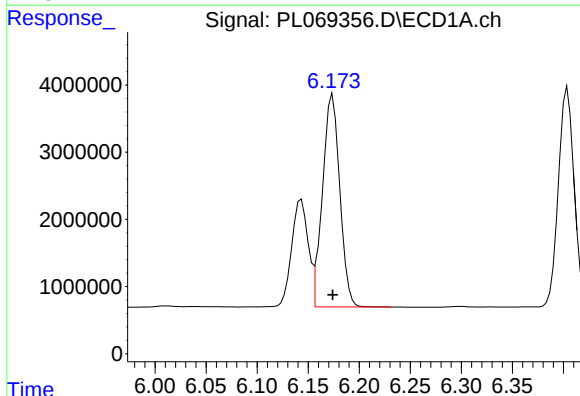
R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 35210555
Conc: 55.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



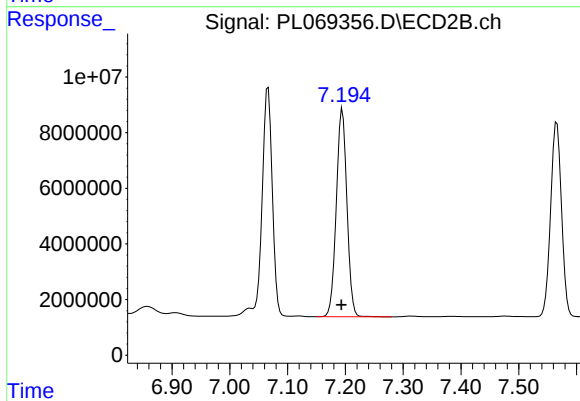
#3 gamma-BHC (Lindane)

R.T.: 6.545 min
Delta R.T.: 0.002 min
Response: 101273956
Conc: 55.19 ng/ml



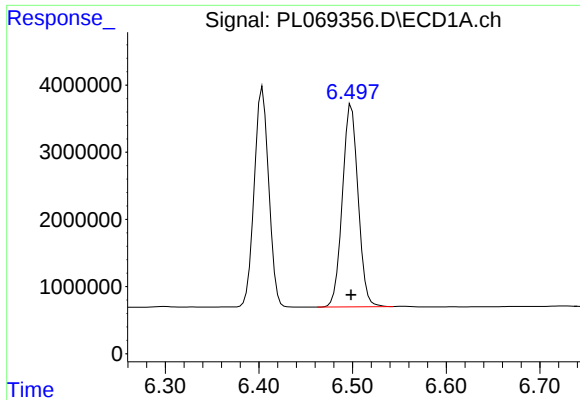
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 37231283
Conc: 53.76 ng/ml



#4 Heptachlor

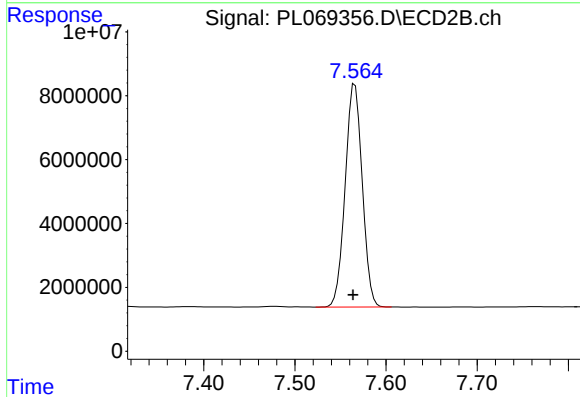
R.T.: 7.195 min
Delta R.T.: 0.002 min
Response: 95651052
Conc: 52.49 ng/ml



#5 Aldrin

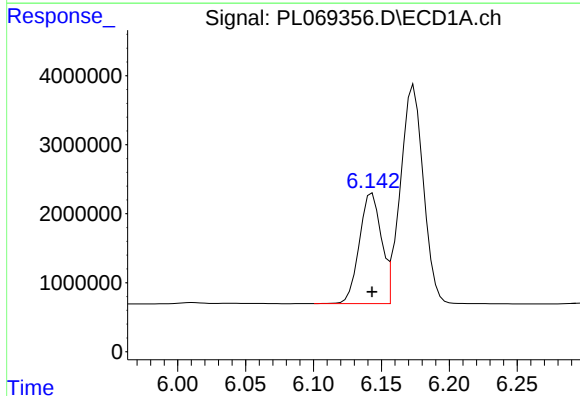
R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 35206854
Conc: 57.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



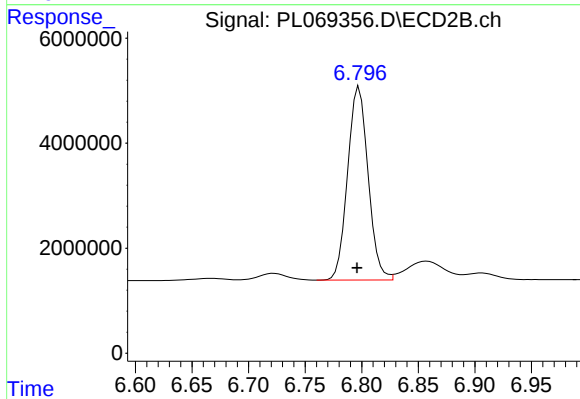
#5 Aldrin

R.T.: 7.566 min
Delta R.T.: 0.002 min
Response: 90837687
Conc: 54.65 ng/ml



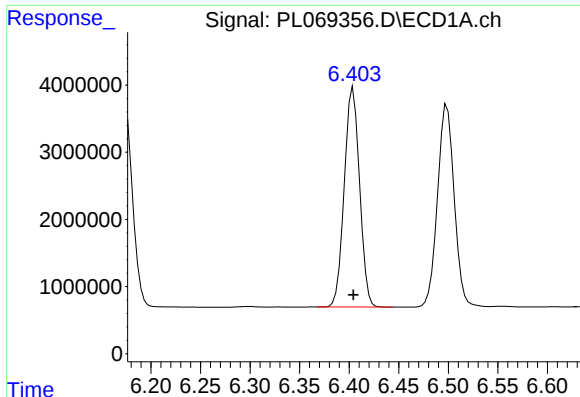
#6 beta-BHC

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 17946464
Conc: 57.26 ng/ml



#6 beta-BHC

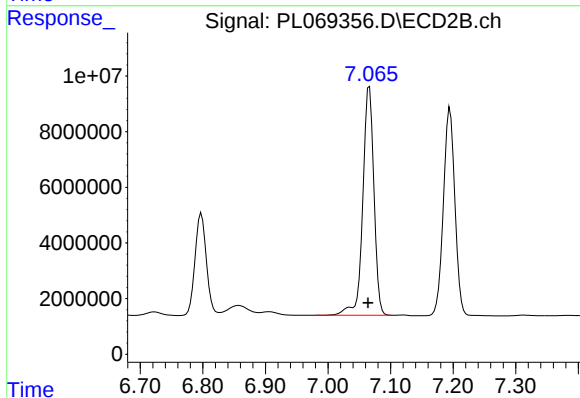
R.T.: 6.798 min
Delta R.T.: 0.002 min
Response: 46449966
Conc: 49.43 ng/ml



#7 delta-BHC

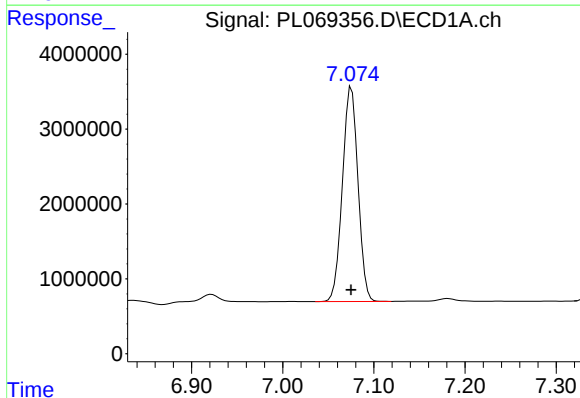
R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 35063318
Conc: 56.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



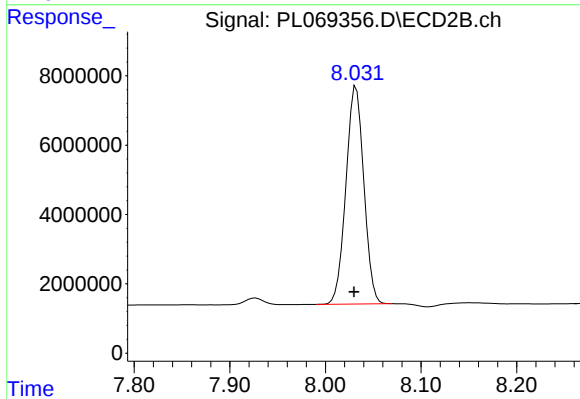
#7 delta-BHC

R.T.: 7.066 min
Delta R.T.: 0.002 min
Response: 102037139
Conc: 55.25 ng/ml



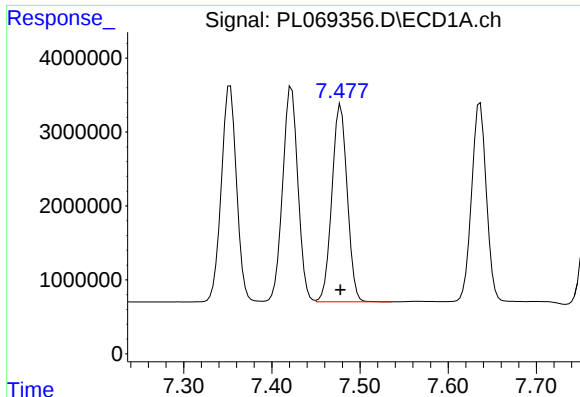
#8 Heptachlor epoxide

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 34055633
Conc: 54.86 ng/ml



#8 Heptachlor epoxide

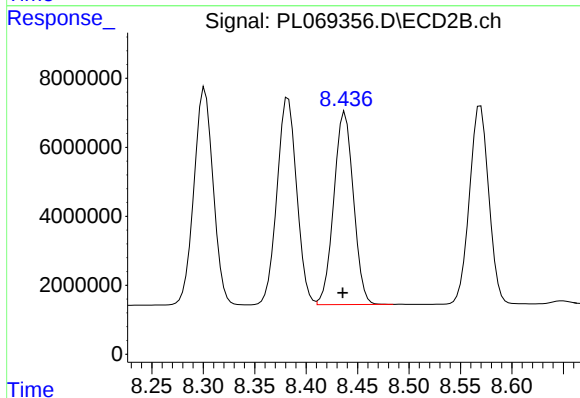
R.T.: 8.032 min
Delta R.T.: 0.002 min
Response: 82144506
Conc: 54.61 ng/ml



#9 Endosulfan I

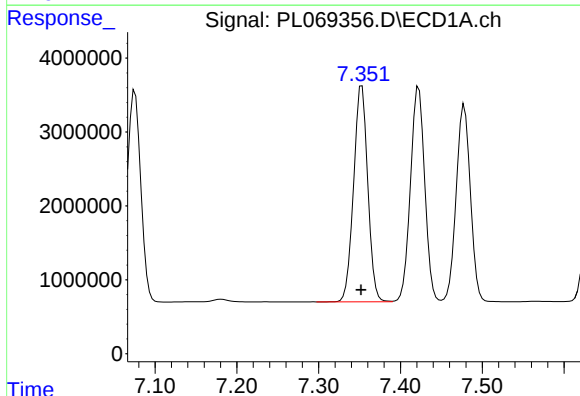
R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 32284588
Conc: 54.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



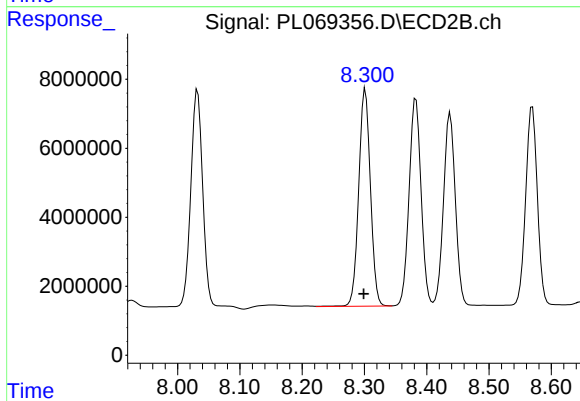
#9 Endosulfan I

R.T.: 8.438 min
Delta R.T.: 0.002 min
Response: 74043796
Conc: 53.53 ng/ml



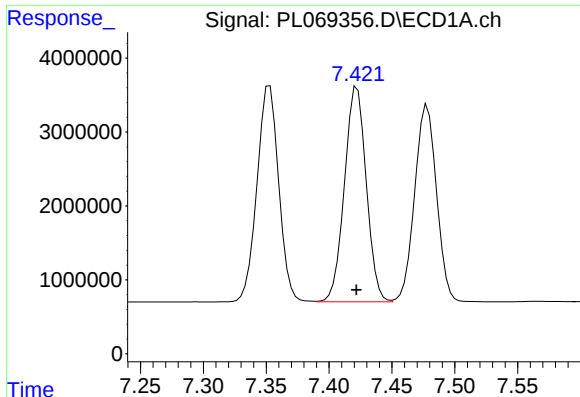
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: 0.001 min
Response: 35140866
Conc: 54.90 ng/ml



#10 gamma-Chlordane

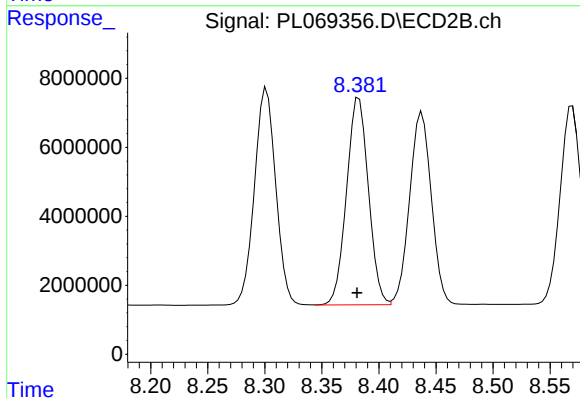
R.T.: 8.302 min
Delta R.T.: 0.003 min
Response: 82495507
Conc: 53.63 ng/ml



#11 alpha-Chlordane

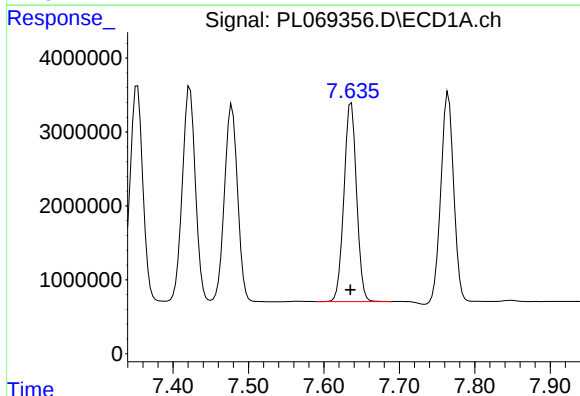
R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 35138100
Conc: 53.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



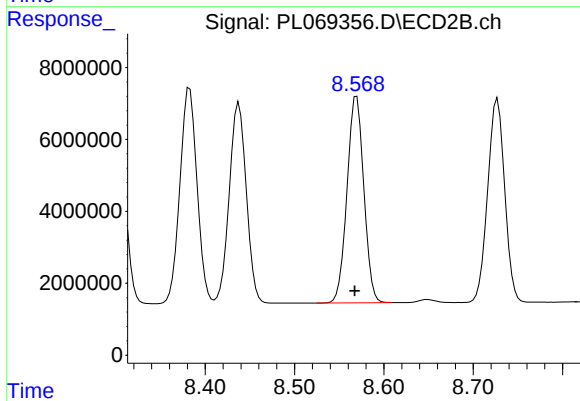
#11 alpha-Chlordane

R.T.: 8.383 min
Delta R.T.: 0.002 min
Response: 80201354
Conc: 53.68 ng/ml



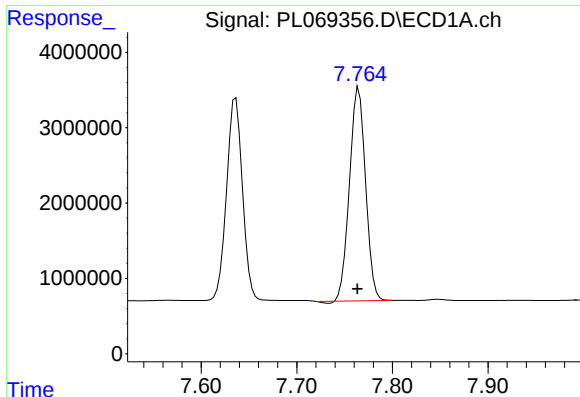
#12 4,4'-DDE

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 31255467
Conc: 55.26 ng/ml



#12 4,4'-DDE

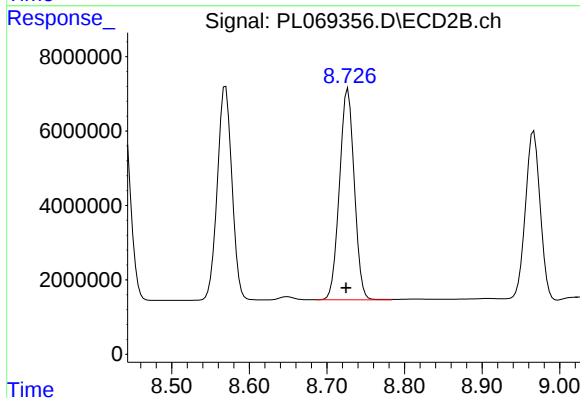
R.T.: 8.570 min
Delta R.T.: 0.002 min
Response: 75060965
Conc: 53.66 ng/ml



#13 Dieldrin

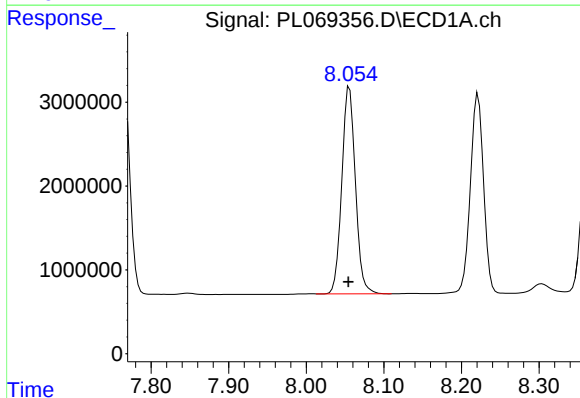
R.T.: 7.765 min
Delta R.T.: 0.001 min
Response: 33139565
Conc: 54.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



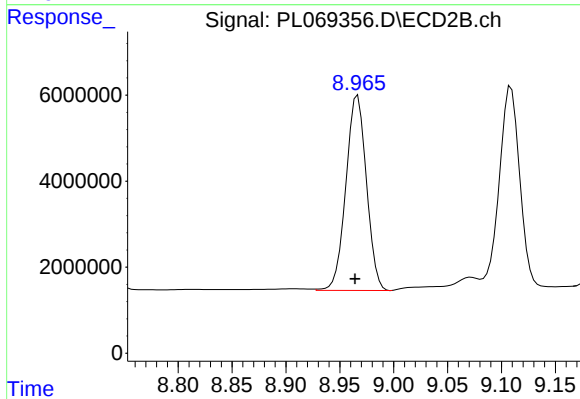
#13 Dieldrin

R.T.: 8.727 min
Delta R.T.: 0.003 min
Response: 75322615
Conc: 53.64 ng/ml



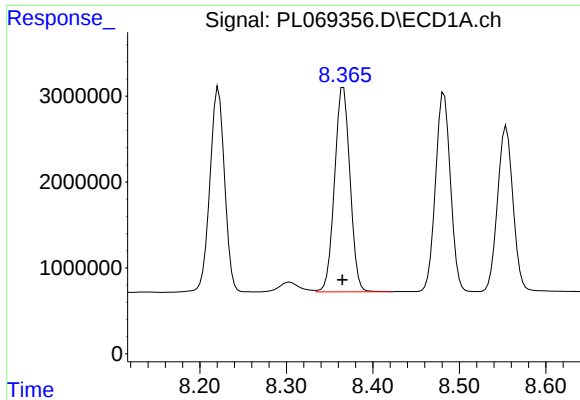
#14 Endrin

R.T.: 8.056 min
Delta R.T.: 0.001 min
Response: 30128908
Conc: 52.17 ng/ml



#14 Endrin

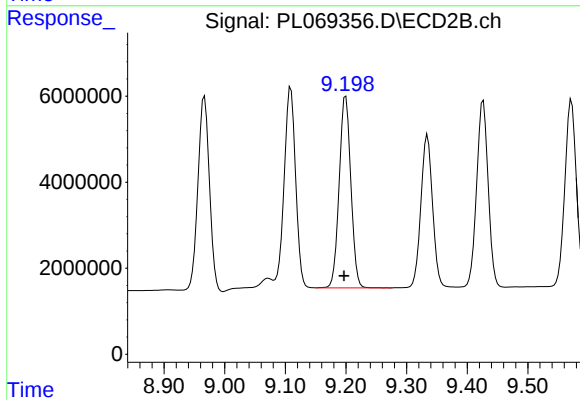
R.T.: 8.967 min
Delta R.T.: 0.003 min
Response: 60296450
Conc: 51.37 ng/ml



#15 Endosulfan II

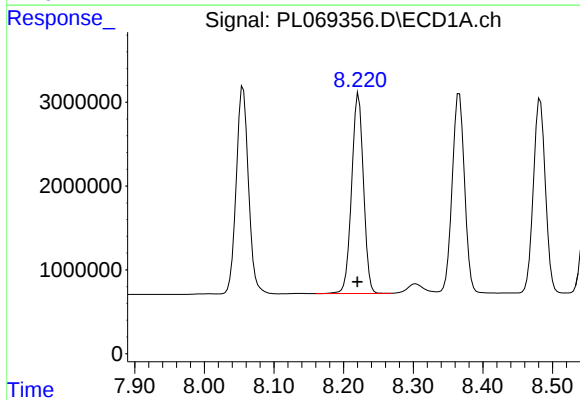
R.T.: 8.366 min
Delta R.T.: 0.001 min
Response: 29476480
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



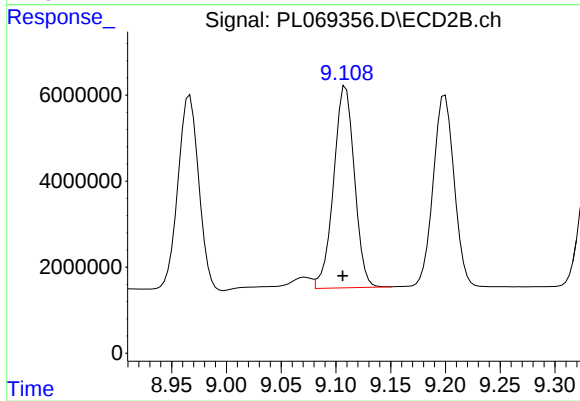
#15 Endosulfan II

R.T.: 9.200 min
Delta R.T.: 0.003 min
Response: 59429530
Conc: 50.22 ng/ml



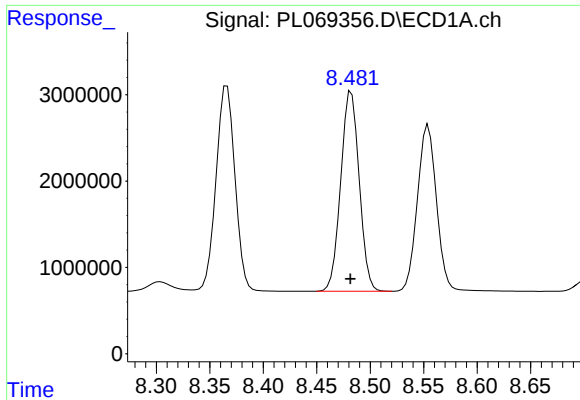
#16 4,4'-DDD

R.T.: 8.221 min
Delta R.T.: 0.002 min
Response: 28189639
Conc: 55.43 ng/ml



#16 4,4'-DDD

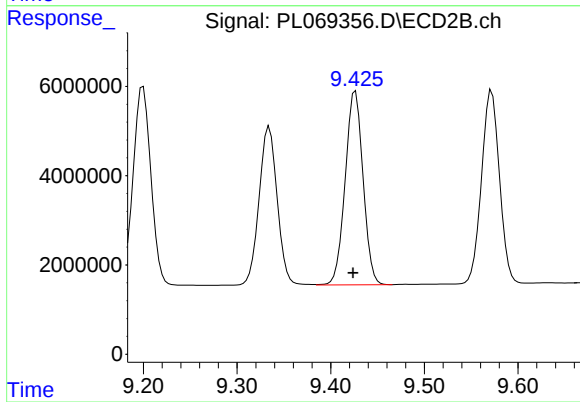
R.T.: 9.109 min
Delta R.T.: 0.003 min
Response: 62061337
Conc: 50.60 ng/ml



#17 4,4'-DDT

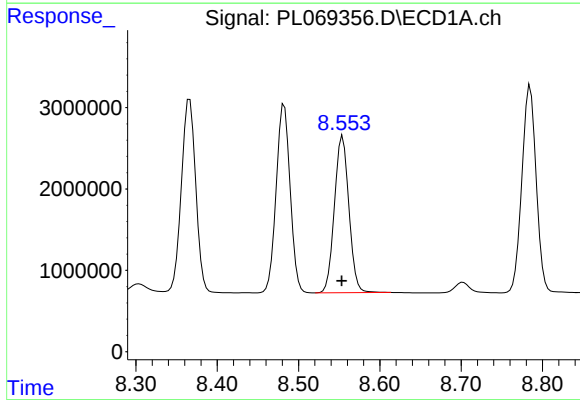
R.T.: 8.482 min
Delta R.T.: 0.000 min
Response: 27854734
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



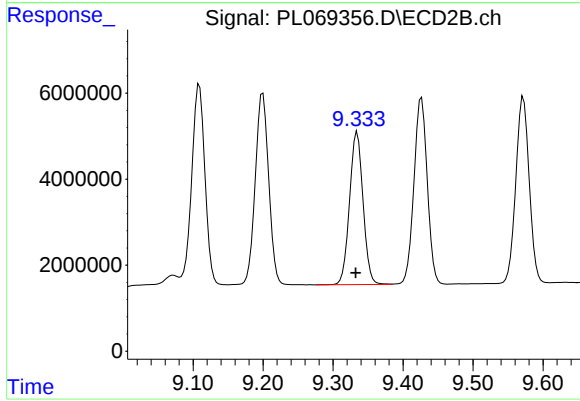
#17 4,4'-DDT

R.T.: 9.426 min
Delta R.T.: 0.002 min
Response: 57518420
Conc: 46.95 ng/ml



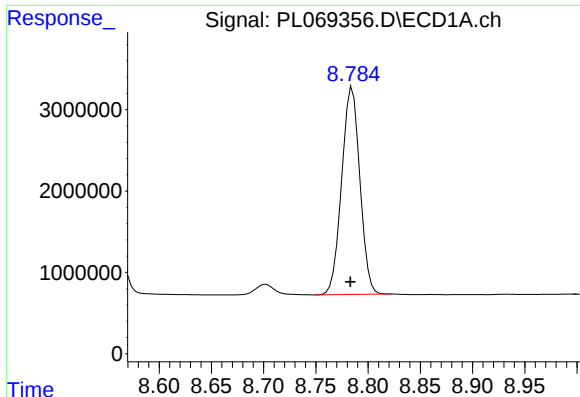
#18 Endrin aldehyde

R.T.: 8.554 min
Delta R.T.: 0.001 min
Response: 23827437
Conc: 52.53 ng/ml



#18 Endrin aldehyde

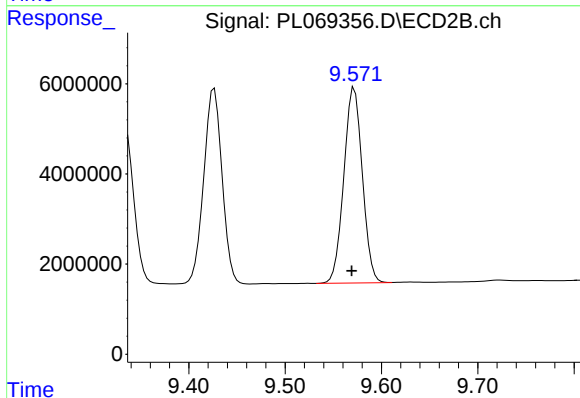
R.T.: 9.334 min
Delta R.T.: 0.002 min
Response: 47587407
Conc: 50.03 ng/ml



#19 Endosulfan Sulfate

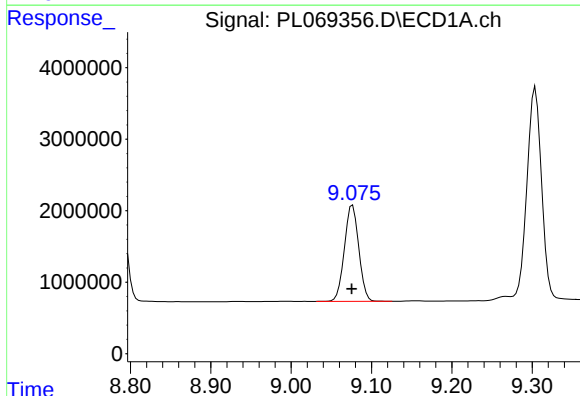
R.T.: 8.785 min
Delta R.T.: 0.002 min
Response: 30857143
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



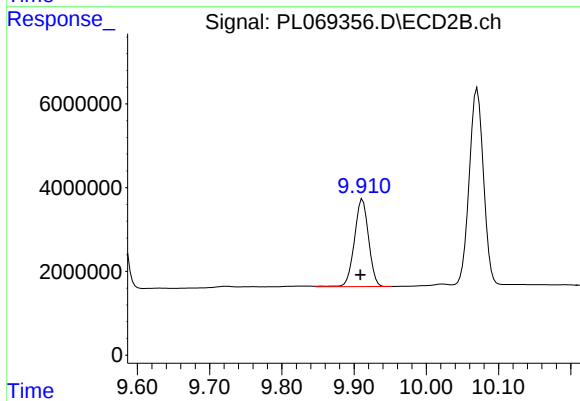
#19 Endosulfan Sulfate

R.T.: 9.572 min
Delta R.T.: 0.003 min
Response: 57745817
Conc: 50.83 ng/ml



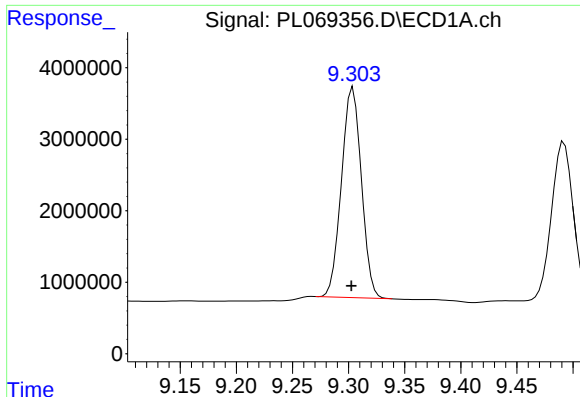
#20 Methoxychlor

R.T.: 9.076 min
Delta R.T.: 0.001 min
Response: 16728754
Conc: 44.66 ng/ml



#20 Methoxychlor

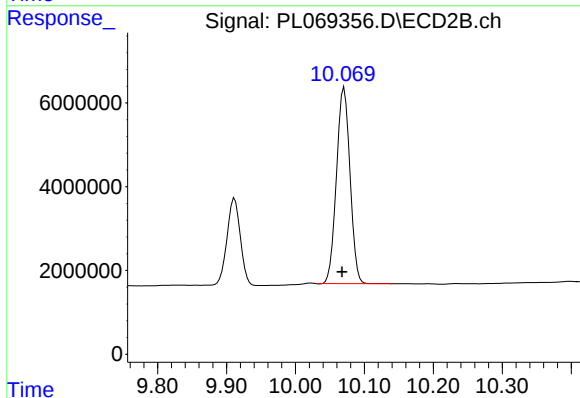
R.T.: 9.912 min
Delta R.T.: 0.003 min
Response: 28443158
Conc: 44.30 ng/ml



#21 Endrin ketone

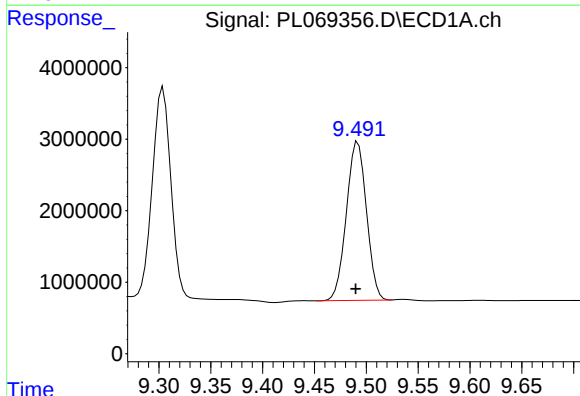
R.T.: 9.304 min
Delta R.T.: 0.002 min
Response: 36299445
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



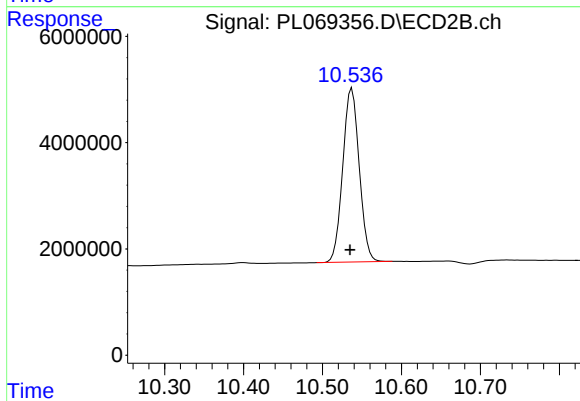
#21 Endrin ketone

R.T.: 10.071 min
Delta R.T.: 0.003 min
Response: 63824496
Conc: 49.33 ng/ml



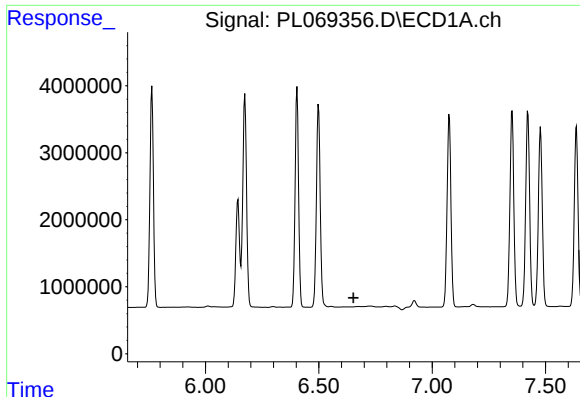
#22 Mirex

R.T.: 9.492 min
Delta R.T.: 0.002 min
Response: 29939157
Conc: 50.34 ng/ml



#22 Mirex

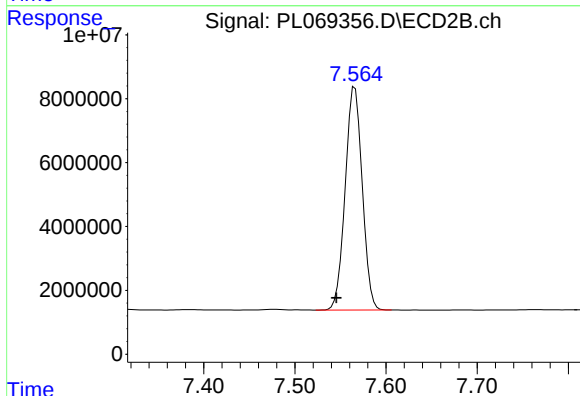
R.T.: 10.537 min
Delta R.T.: 0.002 min
Response: 47461153
Conc: 50.64 ng/ml



#24 Chlordane-2

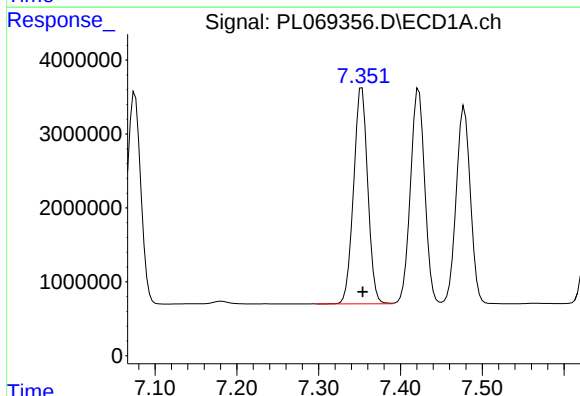
R.T.: 0.000 min
Exp R.T.: 6.653 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



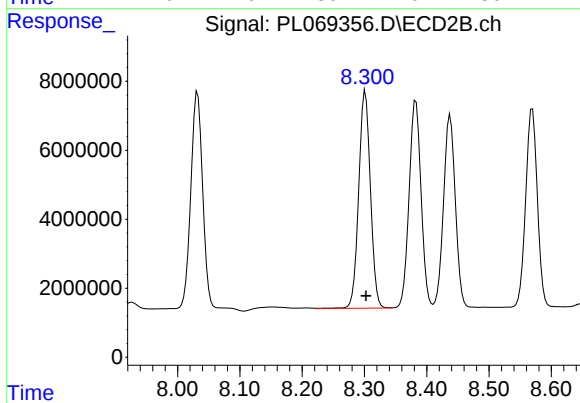
#24 Chlordane-2

R.T.: 7.566 min
Delta R.T.: 0.020 min
Response: 90837687
Conc: 1585.65 ng/ml



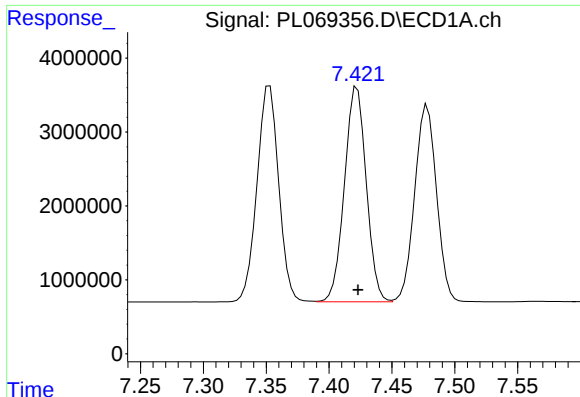
#25 Chlordane-3

R.T.: 7.353 min
Delta R.T.: -0.001 min
Response: 35140866
Conc: 540.77 ng/ml



#25 Chlordane-3

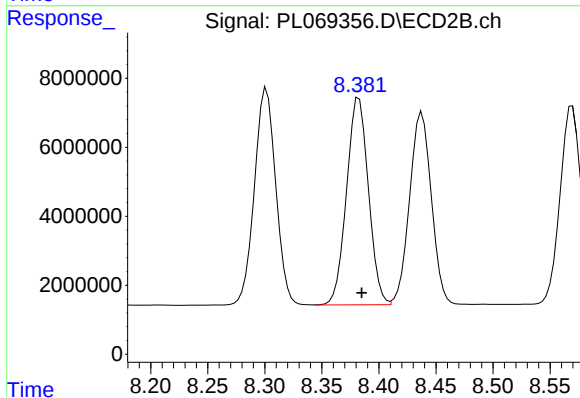
R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 82495507
Conc: 385.23 ng/ml



#26 Chlordane-4

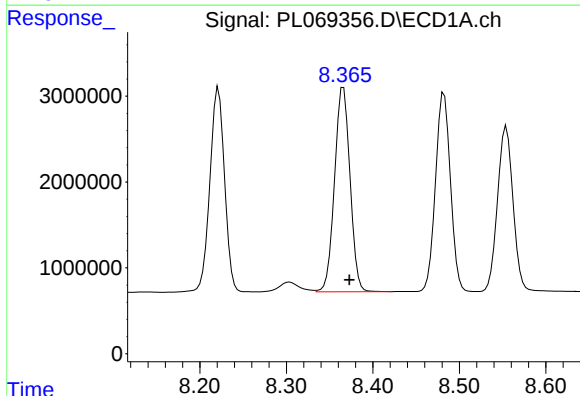
R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 35138100
Conc: 503.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



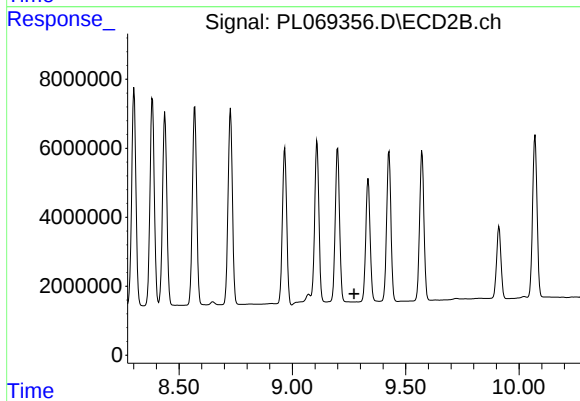
#26 Chlordane-4

R.T.: 8.383 min
Delta R.T.: -0.002 min
Response: 80201354
Conc: 311.60 ng/ml



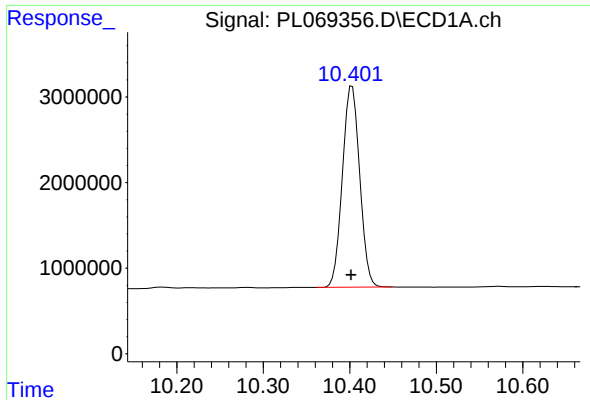
#27 Chlordane-5

R.T.: 8.366 min
Delta R.T.: -0.007 min
Response: 29476480
Conc: 1155.74 ng/ml



#27 Chlordane-5

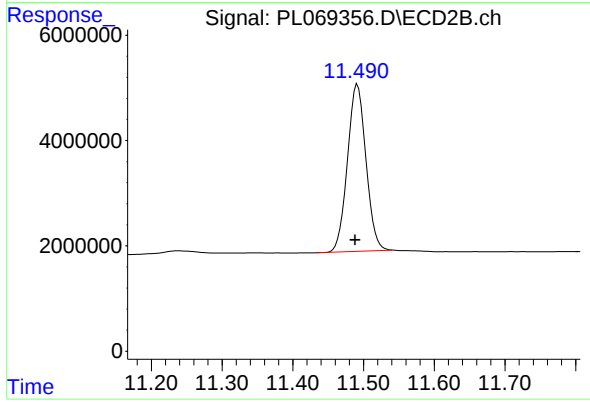
R.T.: 0.000 min
Exp R.T.: 9.273 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: 0.001 min
Response: 32501245
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 11.492 min
Delta R.T.: 0.003 min
Response: 57759057
Conc: 47.13 ng/ml