

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078550.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 23:22
 Operator : AR\AJ
 Sample : PB156052BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156052BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:29:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.758	39298827	26642406	13.613	13.045
28)	SA Decachlor...	9.077	7.893	56155960	33267590	15.142	14.661
Target Compounds							
2)	A alpha-BHC	3.996	3.259	205.1E6	126.6E6	42.231	42.227
3)	MA gamma-BHC...	4.330	3.588	189.1E6	118.6E6	40.416	40.929
4)	MA Heptachlor	4.920	3.927	206.1E6	128.0E6	43.843	43.366
5)	MB Aldrin	5.262	4.206	200.2E6	120.6E6	41.433	40.643
6)	B beta-BHC	4.527	3.886	75873384	48616439	40.851	42.065
7)	B delta-BHC	4.776	4.115	188.1E6	117.3E6	41.763	40.995
8)	B Heptachlo...	5.690	4.708	177.0E6	113.1E6	42.152	41.842
9)	A Endosulfan I	6.077	5.078	167.9E6	106.6E6	42.973	42.373
10)	B gamma-Chl...	5.947	4.958	179.3E6	113.7E6	42.700	42.296
11)	B alpha-Chl...	6.026	5.022	178.8E6	112.3E6	42.447	41.826
12)	B 4,4'-DDE	6.198	5.210	171.8E6	107.8E6	42.924	42.360
13)	MA Dieldrin	6.352	5.342	175.5E6	114.1E6	41.830	40.864
14)	MA Endrin	6.584	5.618	145.1E6	104.1E6	43.204	42.060
15)	B Endosulfa...	6.803	5.912	144.1E6	93898736	40.030	39.444
16)	A 4,4'-DDD	6.717	5.765	130.7E6	84660092	43.931	42.783
17)	MA 4,4'-DDT	7.032	6.016	138.2E6	88209624	46.709	43.336
18)	B Endrin al...	6.934	6.092	104.6E6	74819527	39.151	40.358
19)	B Endosulfa...	7.169	6.314	138.9E6	94206434	43.243	42.463
20)	A Methoxychlor	7.508	6.591	72056665	46130478	43.175	42.282
21)	B Endrin ke...	7.656	6.821	152.9E6	109.4E6	42.544	41.684
22)	Mirex	8.129	7.001	114.0E6	84902355	42.693	41.663
23)	Chlordane-1	0.000	3.748	0	235810	N.D.	3.242 #
24)	Chlordane-2	5.262f	0.000	200.2E6	0	1403.617	N.D. #
25)	Chlordane-3	5.947	4.958	179.3E6	113.7E6	306.482	441.151 #
26)	Chlordane-4	6.026	5.022	178.8E6	112.3E6	252.776	447.212 #
27)	Chlordane-5	6.873	5.912	99512	93898736	0.897	1092.715 #

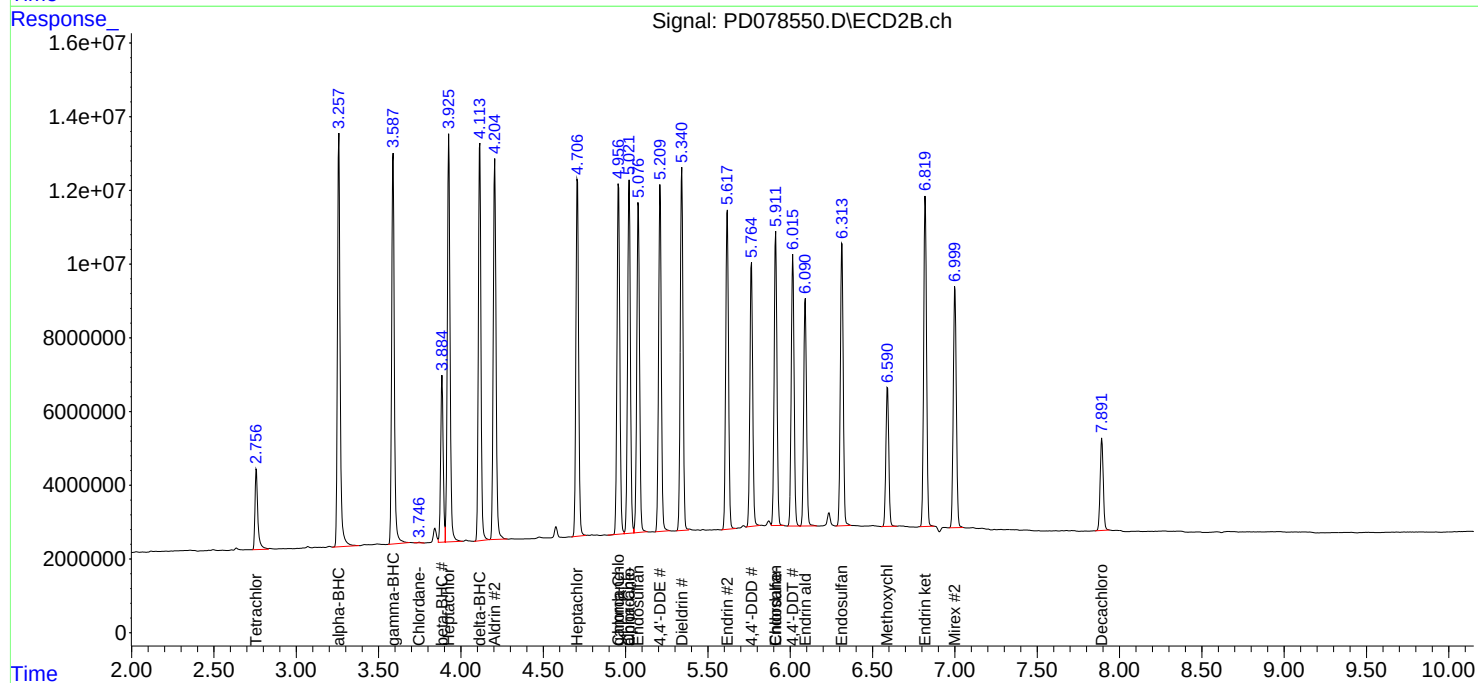
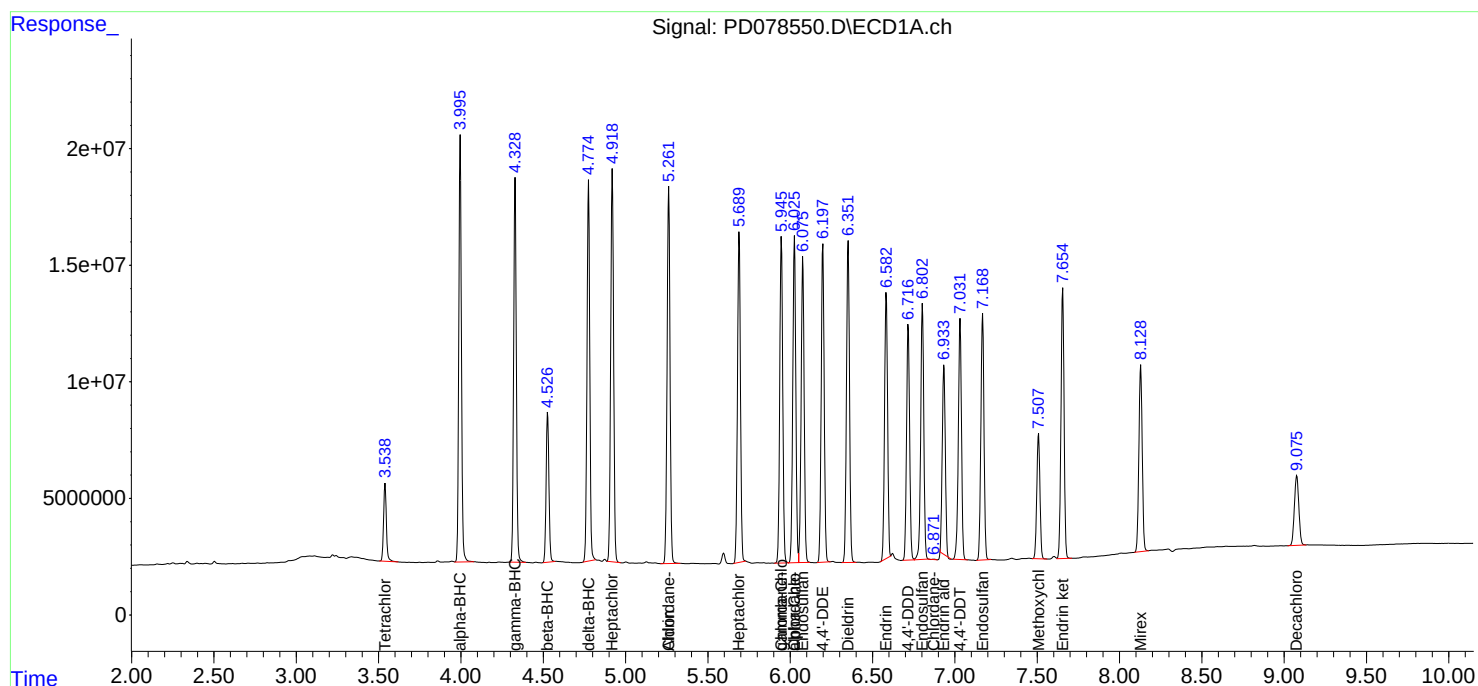
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

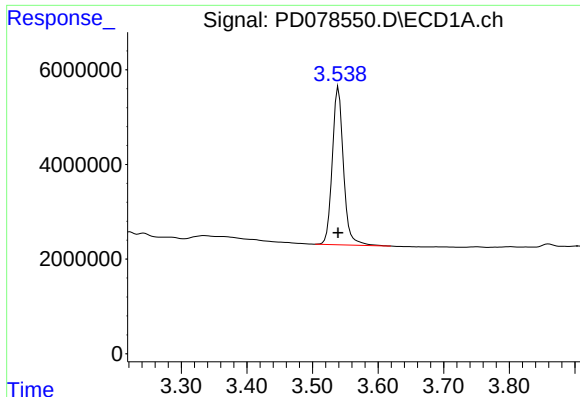
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
Data File : PD078550.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2023 23:22
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Integration File signal 1: autoint1.e
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Quant Time: Oct 03 01:29:58 2023
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

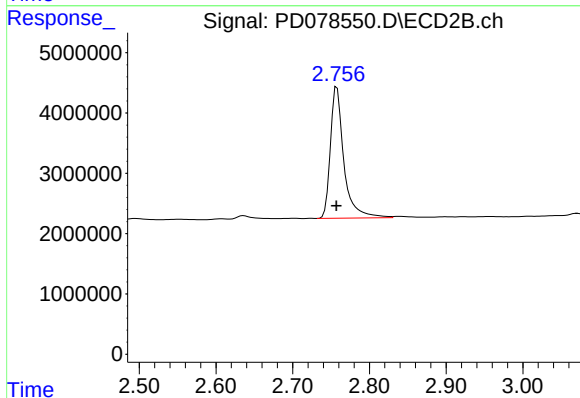




#1 Tetrachloro-m-xylene

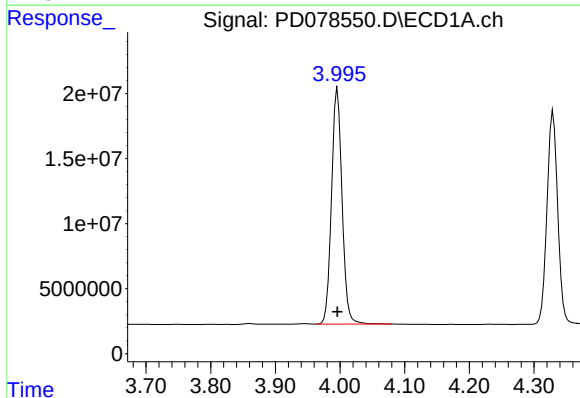
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 39298827
Conc: 13.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



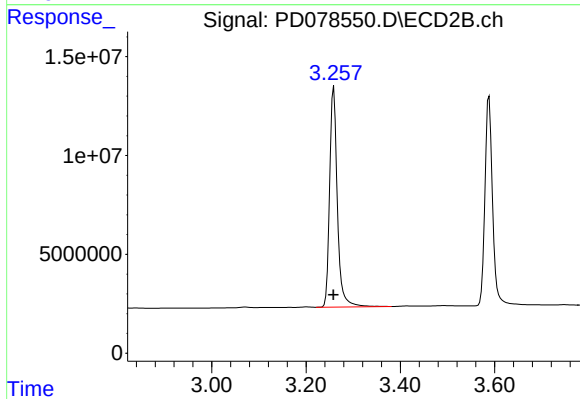
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 26642406
Conc: 13.04 ng/ml



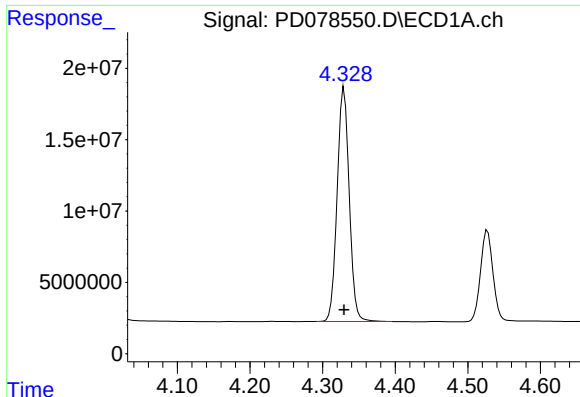
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 205088025
Conc: 42.23 ng/ml



#2 alpha-BHC

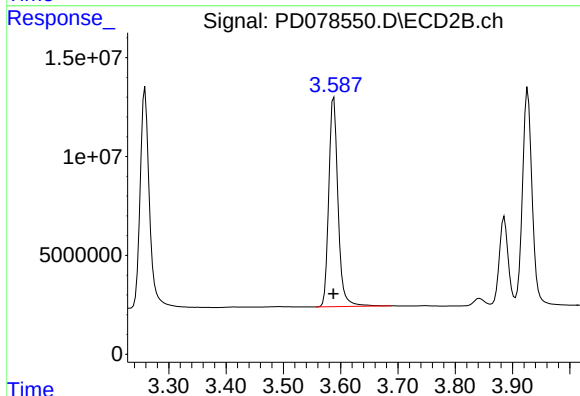
R.T.: 3.259 min
Delta R.T.: 0.000 min
Response: 126578394
Conc: 42.23 ng/ml



#3 gamma-BHC (Lindane)

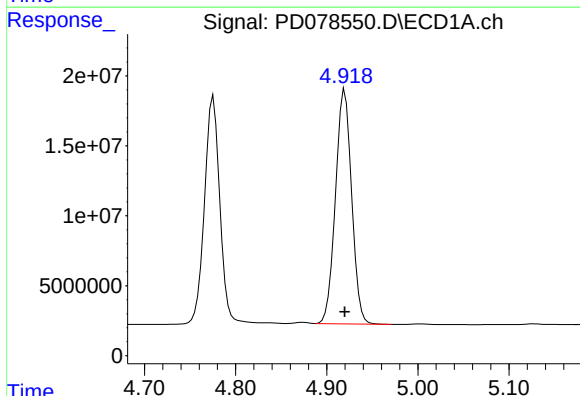
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 189068679
Conc: 40.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



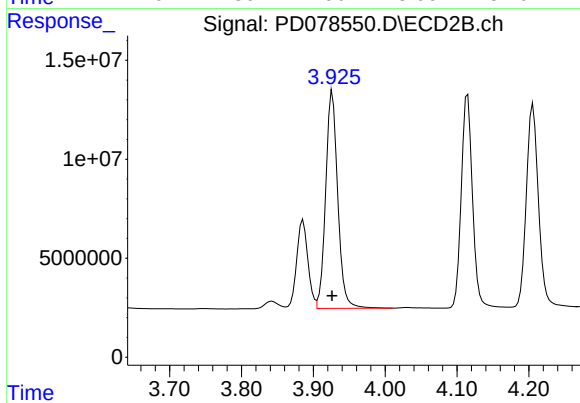
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 118580221
Conc: 40.93 ng/ml



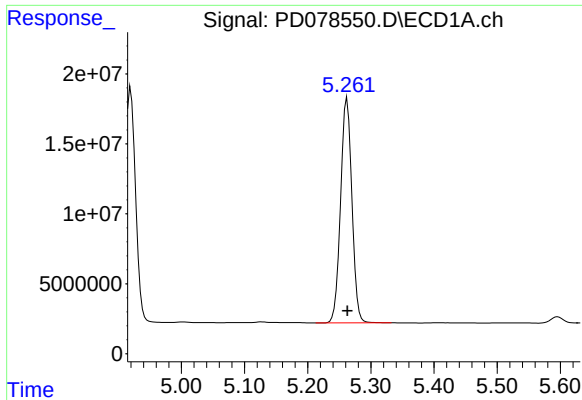
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 206125035
Conc: 43.84 ng/ml



#4 Heptachlor

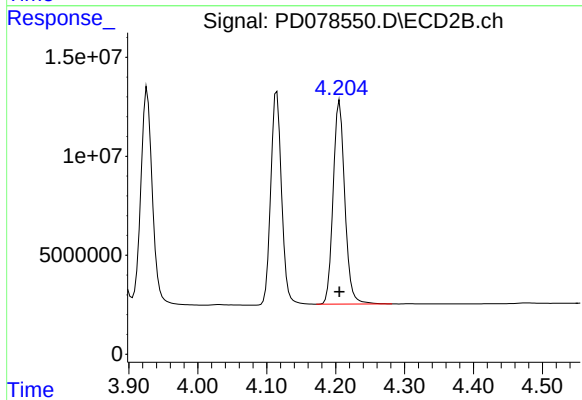
R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 127951119
Conc: 43.37 ng/ml



#5 Aldrin

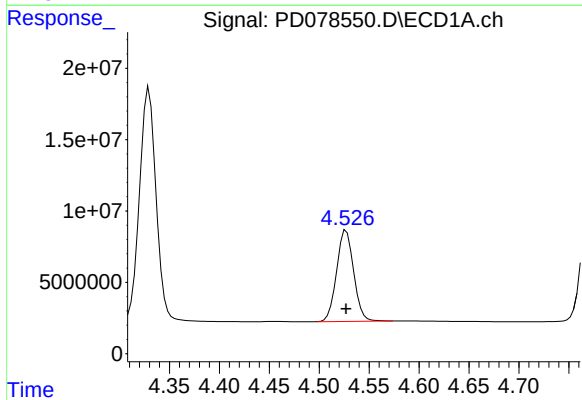
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 200162485
Conc: 41.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



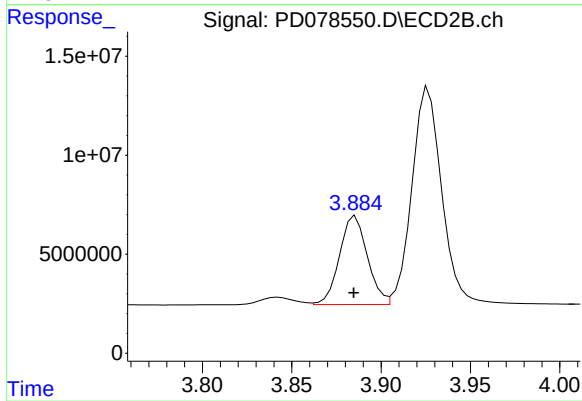
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 120583501
Conc: 40.64 ng/ml



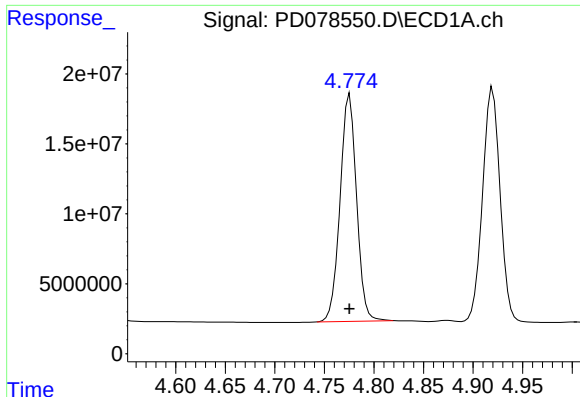
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 75873384
Conc: 40.85 ng/ml



#6 beta-BHC

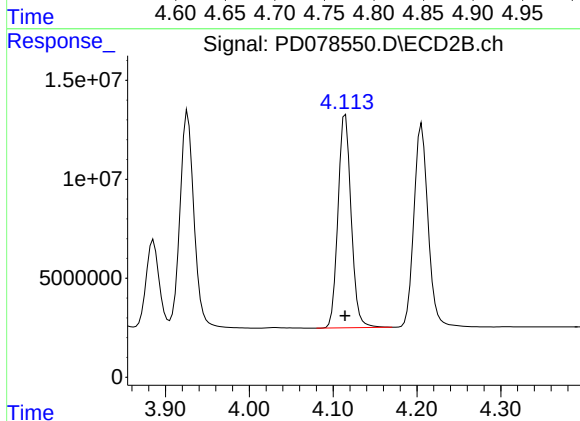
R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 48616439
Conc: 42.06 ng/ml



#7 delta-BHC

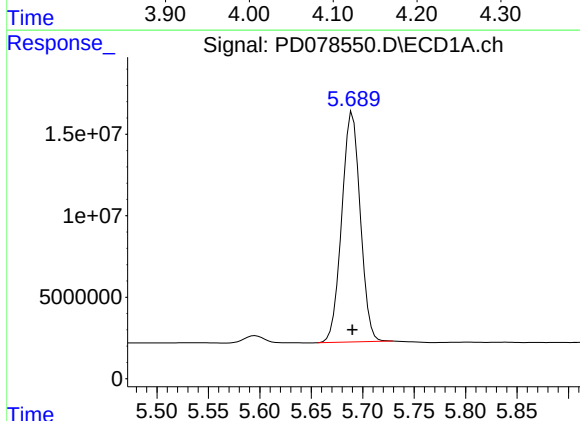
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 188102519
Conc: 41.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



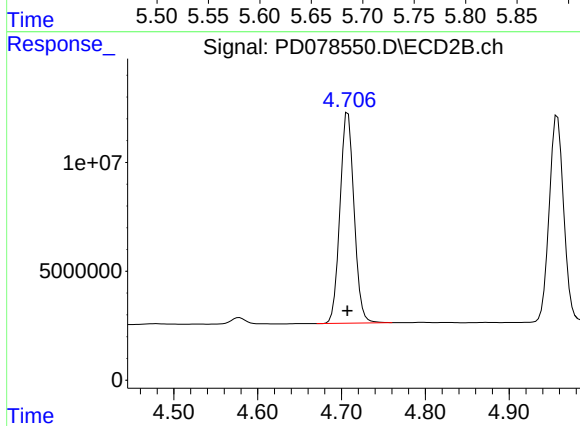
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 117294625
Conc: 40.99 ng/ml



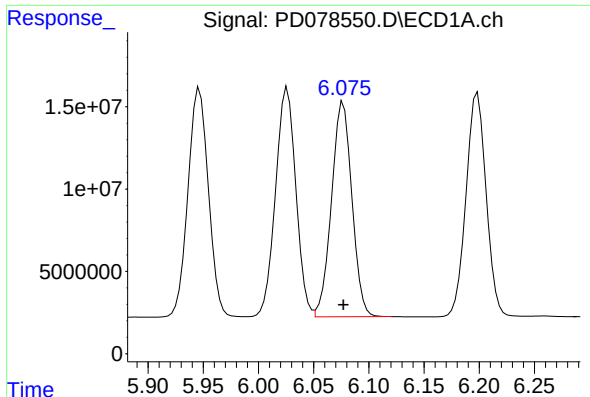
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 177042023
Conc: 42.15 ng/ml



#8 Heptachlor epoxide

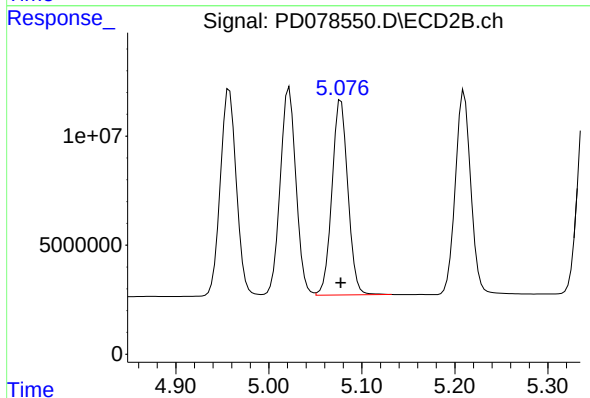
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 113087145
Conc: 41.84 ng/ml



#9 Endosulfan I

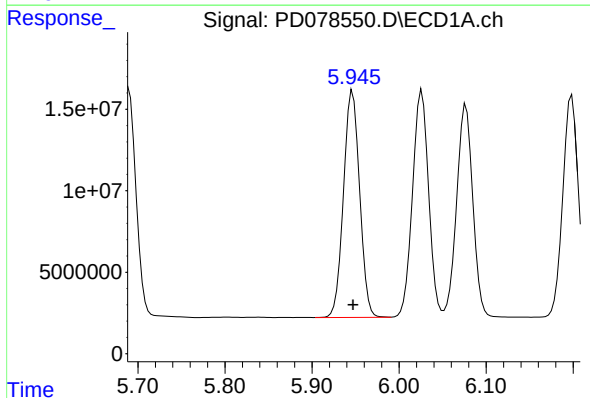
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 167888033
Conc: 42.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



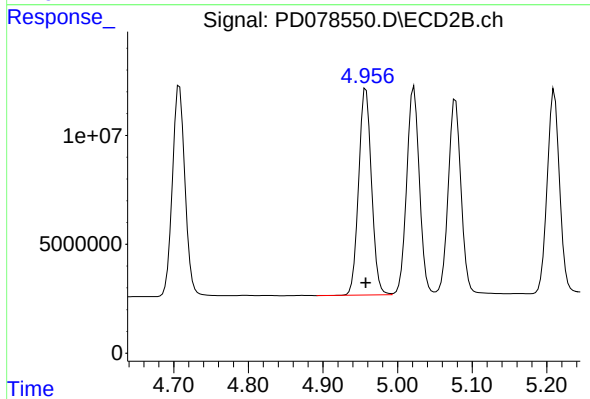
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 106554574
Conc: 42.37 ng/ml



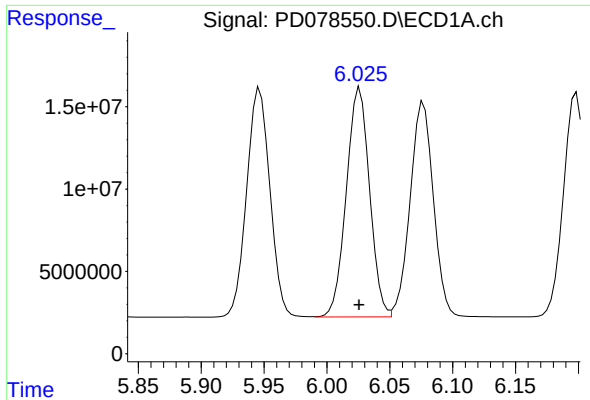
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 179300951
Conc: 42.70 ng/ml



#10 gamma-Chlordane

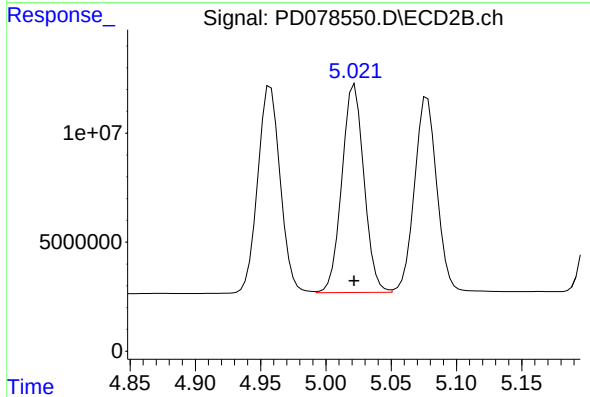
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 113664068
Conc: 42.30 ng/ml



#11 alpha-Chlordane

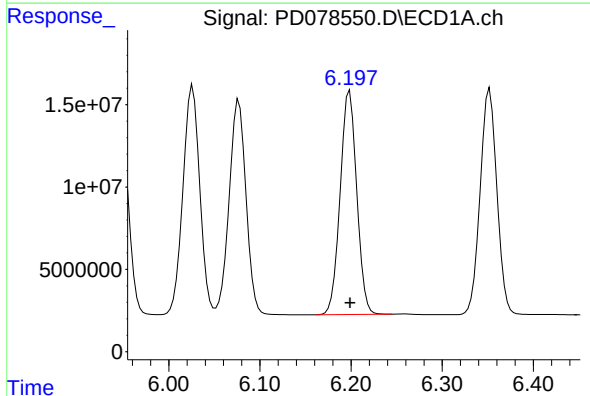
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 178838266
Conc: 42.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



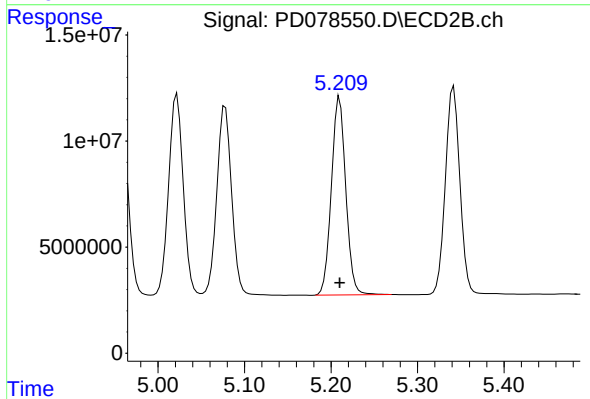
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 112310910
Conc: 41.83 ng/ml



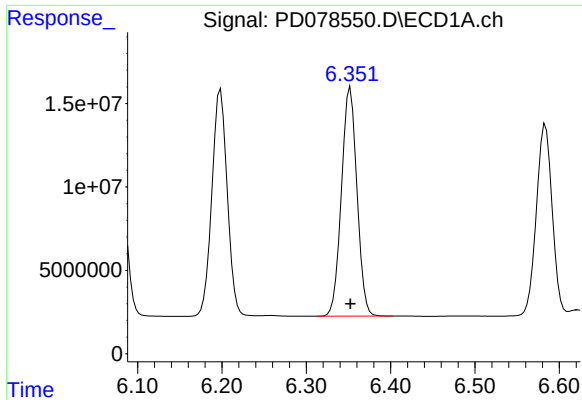
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 171806894
Conc: 42.92 ng/ml



#12 4,4'-DDE

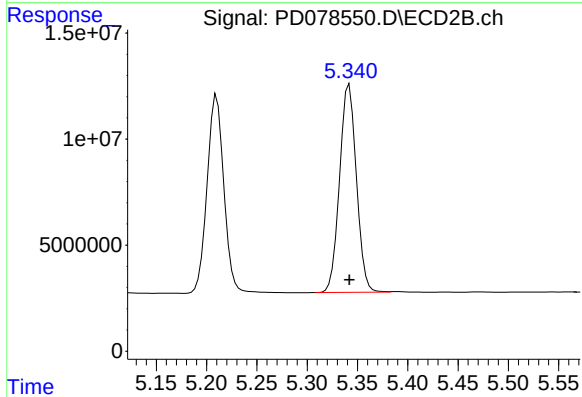
R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 107779564
Conc: 42.36 ng/ml



#13 Dieldrin

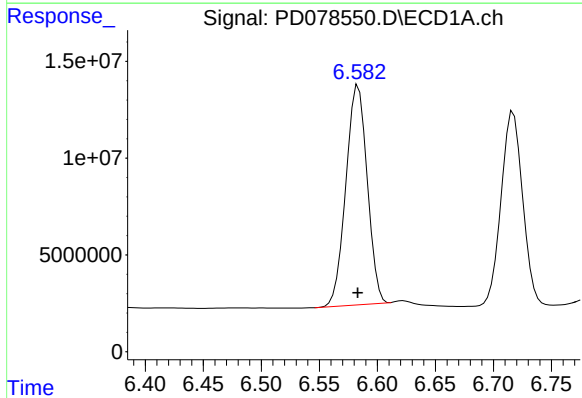
R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 175488455
Conc: 41.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



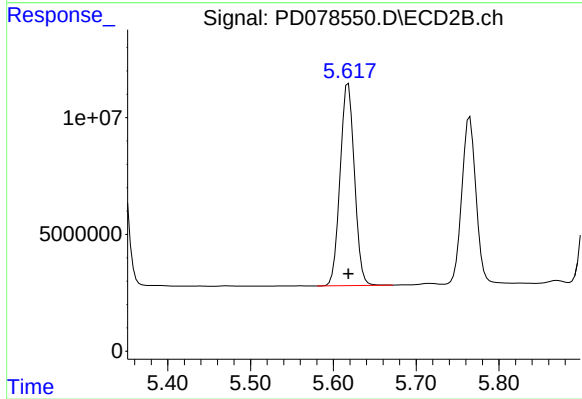
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 114078266
Conc: 40.86 ng/ml



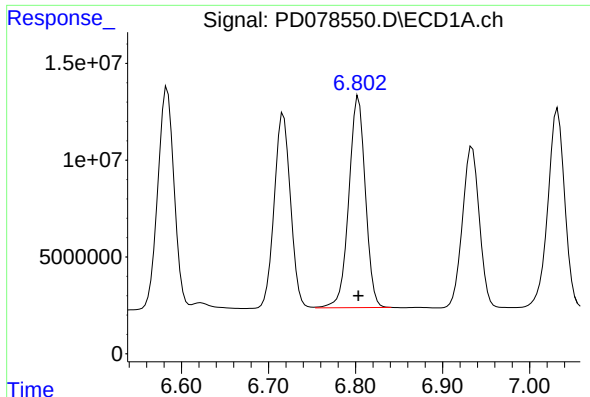
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 145093305
Conc: 43.20 ng/ml



#14 Endrin

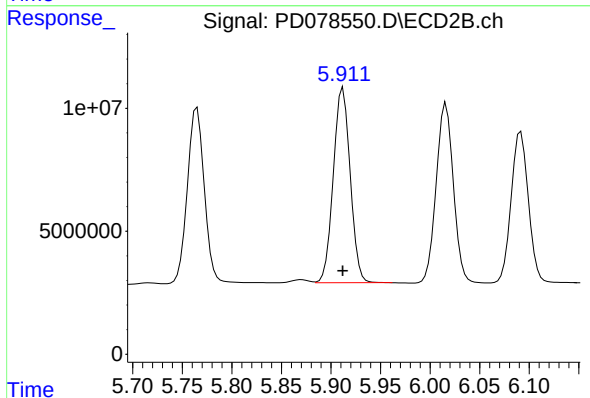
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 104065596
Conc: 42.06 ng/ml



#15 Endosulfan II

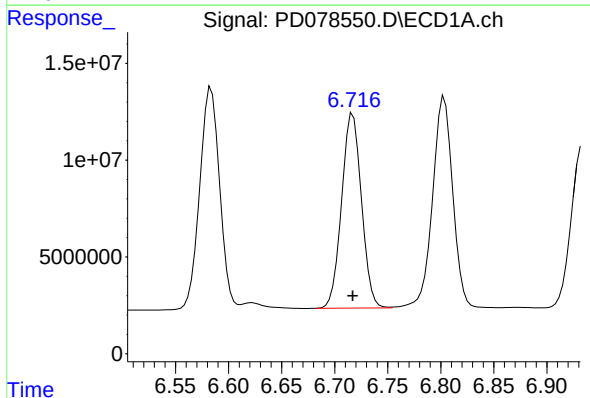
R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 144085508
Conc: 40.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



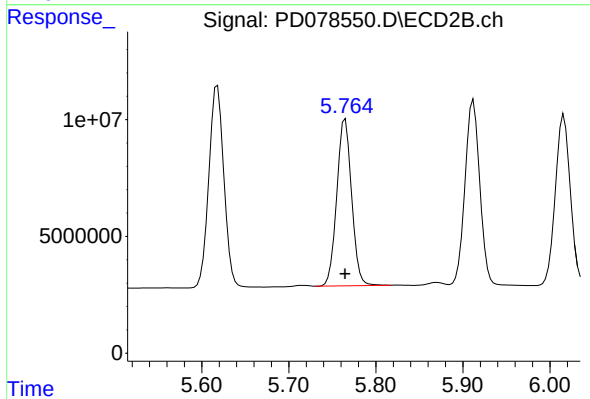
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 93898736
Conc: 39.44 ng/ml



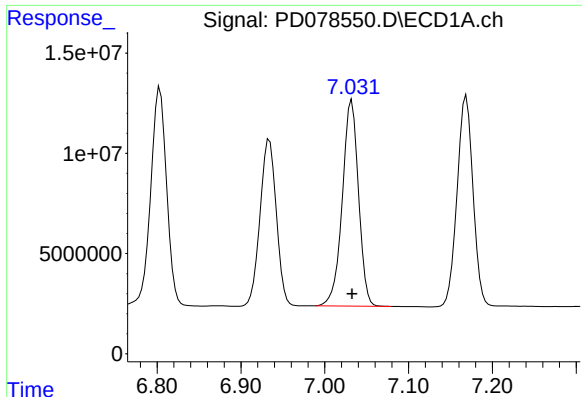
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 130719563
Conc: 43.93 ng/ml



#16 4,4'-DDD

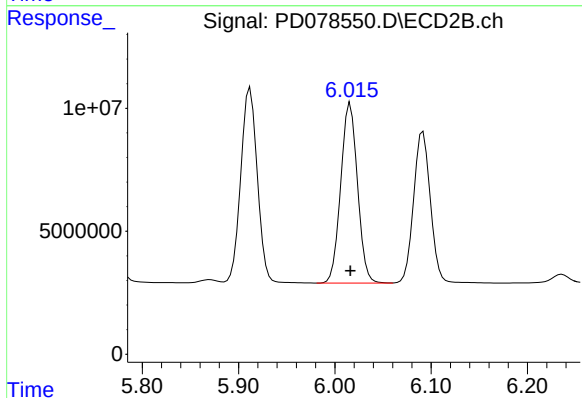
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 84660092
Conc: 42.78 ng/ml



#17 4,4'-DDT

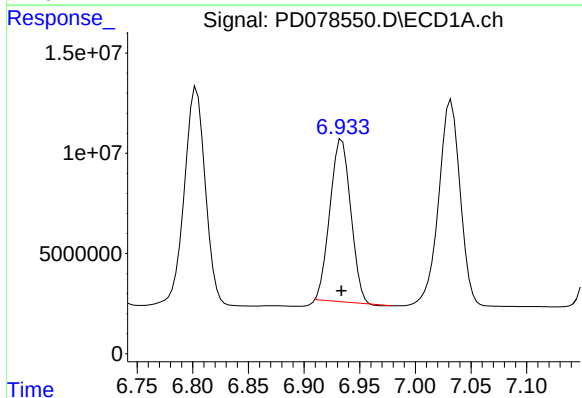
R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 138226574
Conc: 46.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



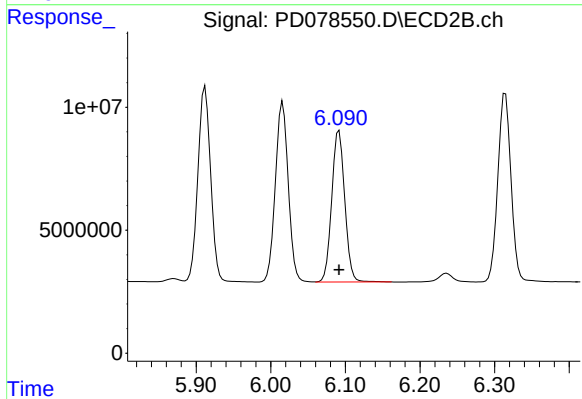
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 88209624
Conc: 43.34 ng/ml



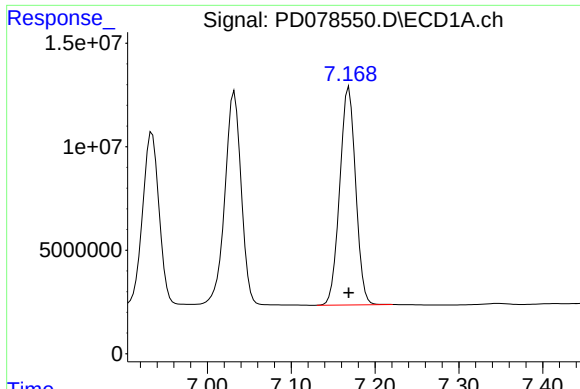
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 104595758
Conc: 39.15 ng/ml



#18 Endrin aldehyde

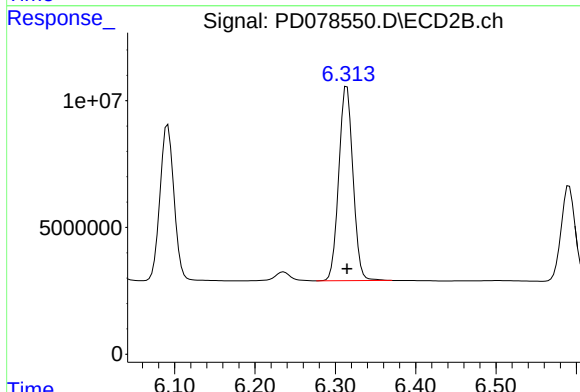
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 74819527
Conc: 40.36 ng/ml



#19 Endosulfan Sulfate

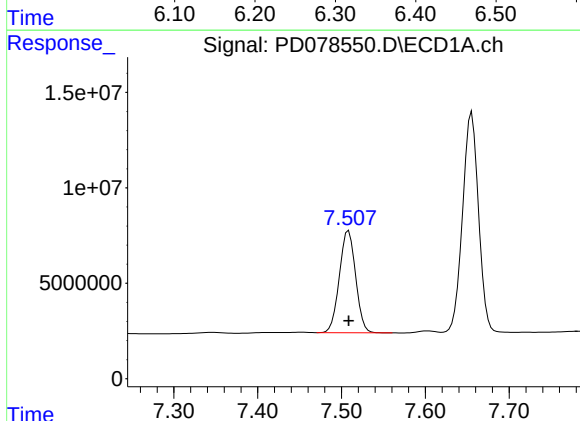
R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 138935855
Conc: 43.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



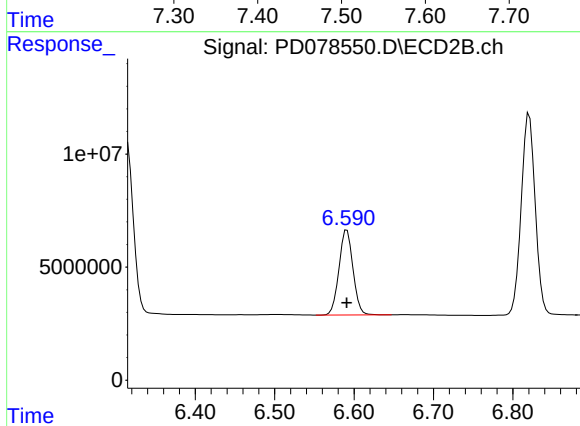
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 94206434
Conc: 42.46 ng/ml



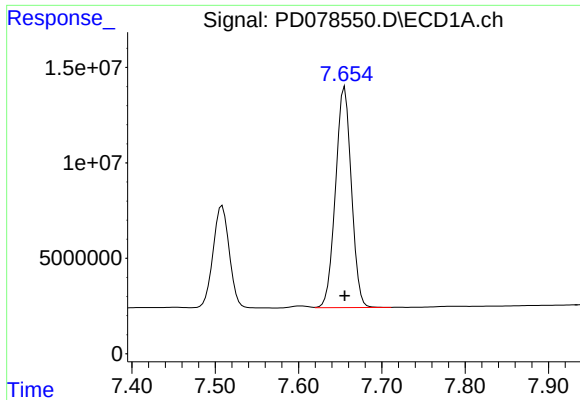
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 72056665
Conc: 43.18 ng/ml



#20 Methoxychlor

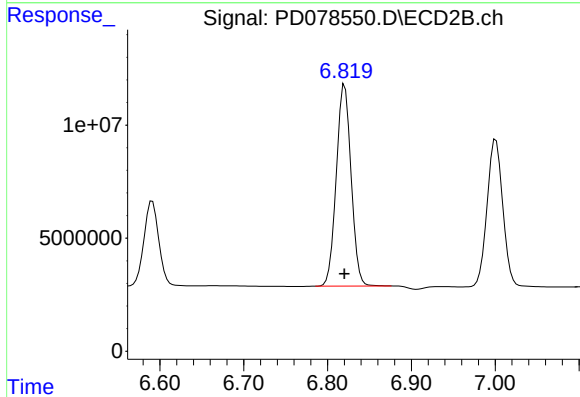
R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 46130478
Conc: 42.28 ng/ml



#21 Endrin ketone

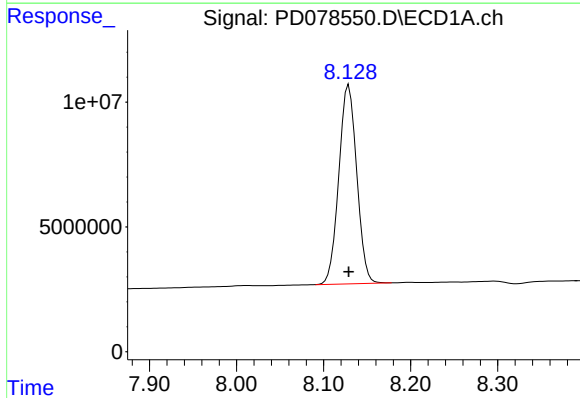
R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 152855344
Conc: 42.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



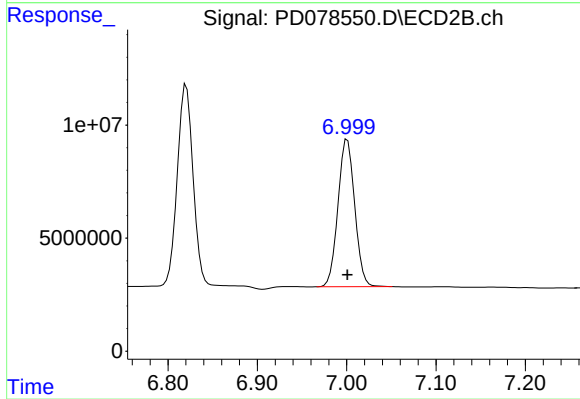
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 109403185
Conc: 41.68 ng/ml



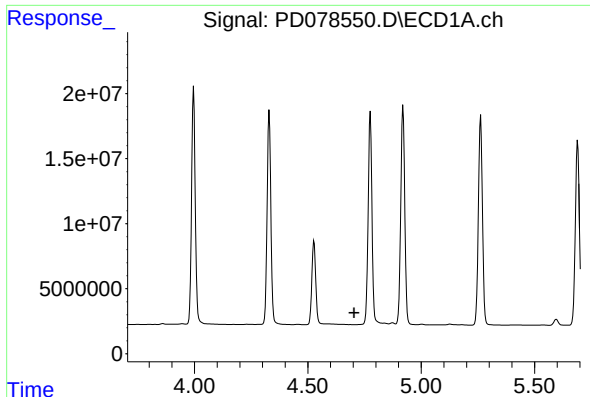
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 114031645
Conc: 42.69 ng/ml



#22 Mirex

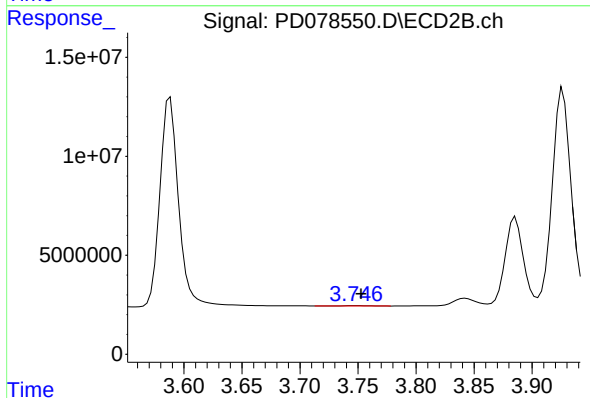
R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 84902355
Conc: 41.66 ng/ml



#23 Chlordane-1

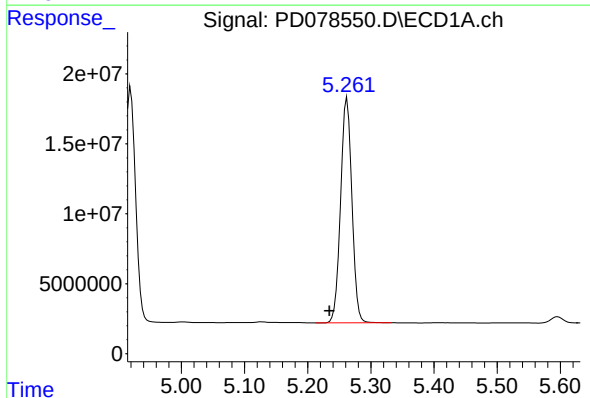
R.T.: 0.000 min
Exp R.T.: 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PB156052BS



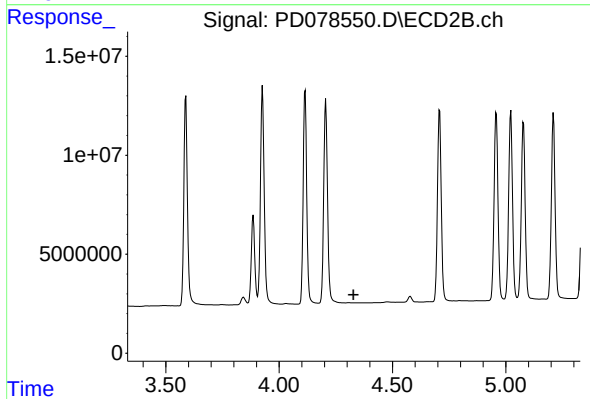
#23 Chlordane-1

R.T.: 3.748 min
Delta R.T.: -0.005 min
Response: 235810
Conc: 3.24 ng/ml



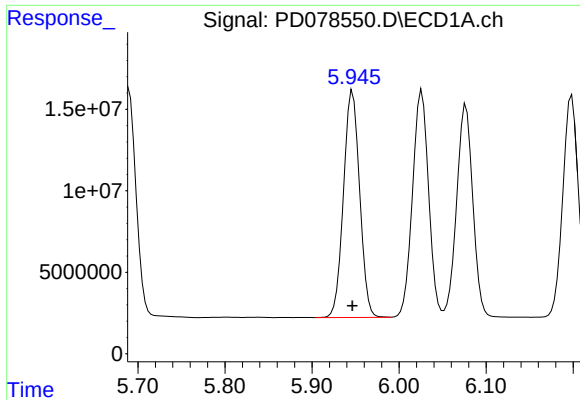
#24 Chlordane-2

R.T.: 5.262 min
Delta R.T.: 0.028 min
Response: 200162485
Conc: 1403.62 ng/ml



#24 Chlordane-2

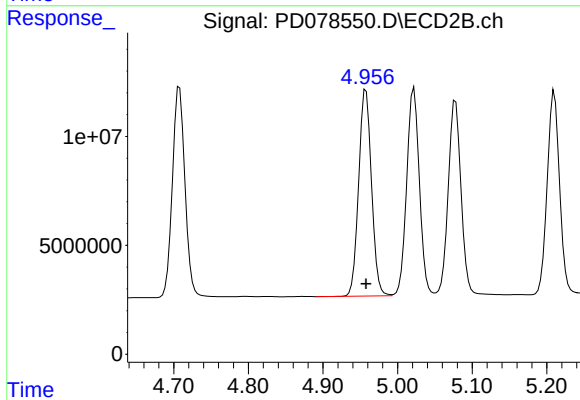
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.



#25 Chlordane-3

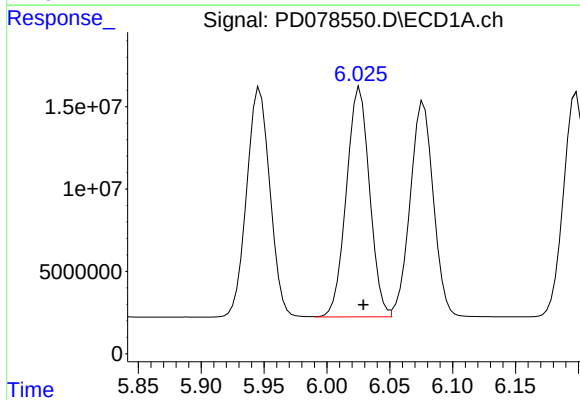
R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 179300951
Conc: 306.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



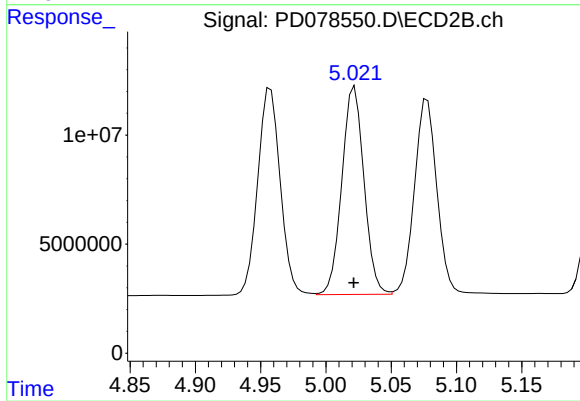
#25 Chlordane-3

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 113664068
Conc: 441.15 ng/ml



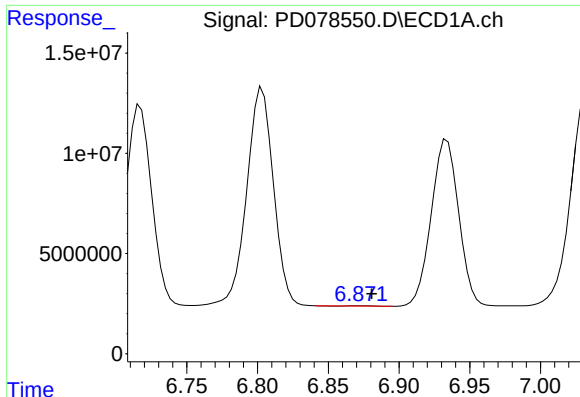
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 178838266
Conc: 252.78 ng/ml



#26 Chlordane-4

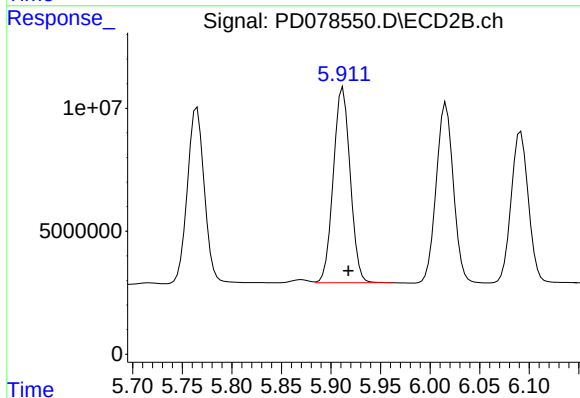
R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 112310910
Conc: 447.21 ng/ml



#27 Chlordane-5

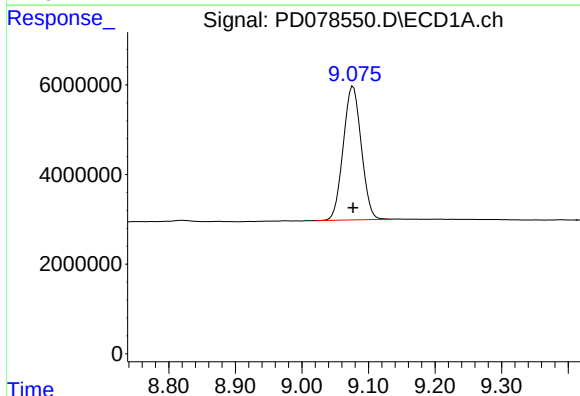
R.T.: 6.873 min
Delta R.T.: -0.008 min
Response: 99512
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156052BS



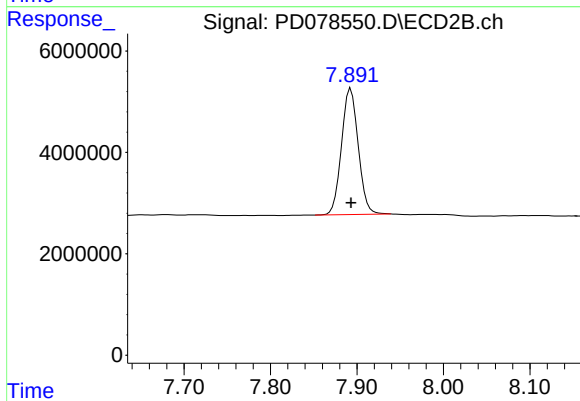
#27 Chlordane-5

R.T.: 5.912 min
Delta R.T.: -0.005 min
Response: 93898736
Conc: 1092.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 56155960
Conc: 15.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 33267590
Conc: 14.66 ng/ml