

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077604.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 19:20
 Operator : AR\AJ
 Sample : 04219-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11939MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:07:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 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...	3.542	2.761	34313149	24303062	13.514	15.366
2)	SA Decachlor...	9.079	7.899	31974006	24667633	10.496	14.295 #
Target Compounds							
2)	A alpha-BHC	3.999	3.262	200.9E6	119.2E6	48.837	51.525
3)	MA gamma-BHC...	4.332	3.592	116.7E6	110.5E6	29.497	49.422 #
4)	MA Heptachlor	4.923	3.931	194.4E6	119.5E6	49.622	53.140
5)	MB Aldrin	5.264	4.210	295.1E6	105.1E6	73.382	46.158 #
6)	B beta-BHC	4.530	3.889	70797997	45536604	43.871	51.092
7)	B delta-BHC	4.778	4.118	181.1E6	110.1E6	49.118	50.777
8)	B Heptachlo...	5.693	4.713	228.5E6	144.8E6	63.914	71.389
9)	A Endosulfan I	6.080	5.083	176.4E6	85586163	53.627	45.691
10)	B gamma-Chl...	5.950	4.963	241.6E6	157.2E6	68.634	78.221
11)	B alpha-Chl...	6.030	5.026	351.5E6	178.4E6	98.791	88.536
12)	B 4,4'-DDE	6.201	5.215	150.4E6	101.9E6	46.717	55.819
13)	MA Dieldrin	6.355	5.348	186.1E6	107.4E6	52.320	52.591
14)	MA Endrin	6.586	5.623	142.4E6	92033303	46.960	50.810
15)	B Endosulfa...	6.806	5.918	145.5E6	105.4E6	46.949	61.596 #
16)	A 4,4'-DDD	6.720	5.771	139.5E6	77391769	54.452	55.382
17)	MA 4,4'-DDT	7.035	6.021	149.0E6	83382486	56.967	59.018
18)	B Endrin al...	6.936	6.097	78102432	64856297	32.866	48.048 #
19)	B Endosulfa...	7.171	6.320	152.5E6	93063679	53.748	58.120
20)	A Methoxychlor	7.511	6.596	78148637	37323368	50.524	48.207
21)	B Endrin ke...	7.658	6.826	143.8E6	85657632	44.254	45.303
22)	Mirex	8.132	7.007	109.5E6	68524415	45.513	44.750
23)	Chlordane-1	4.705	3.756	1544210	303646	13.211	5.332 #
24)	Chlordane-2	5.264f	4.339	295.1E6	62233554	2312.348	977.118 #
25)	Chlordane-3	5.950	4.963	241.6E6	157.2E6	480.937	801.409 #
26)	Chlordane-4	6.030	5.026	351.5E6	178.4E6	570.663	942.667 #
27)	Chlordane-5	6.884	5.918	18387239	105.4E6	181.662	1638.140 #

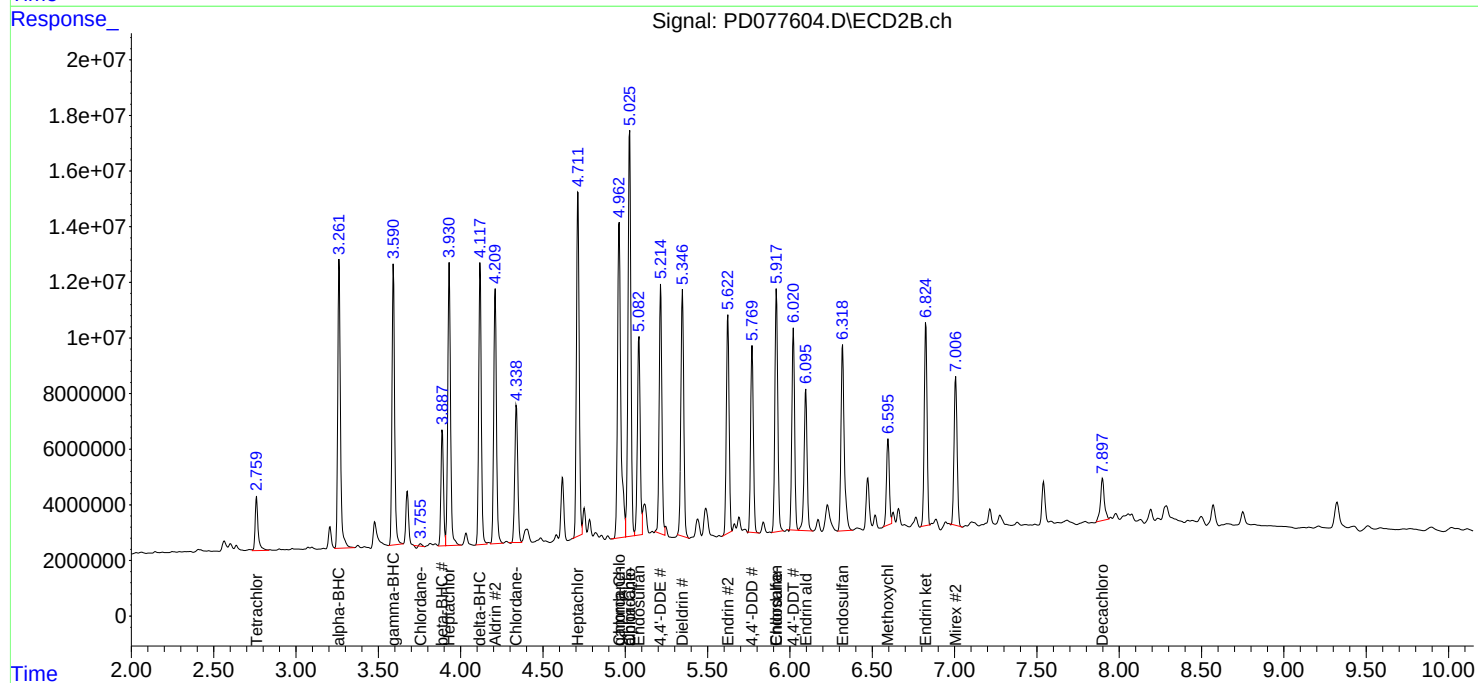
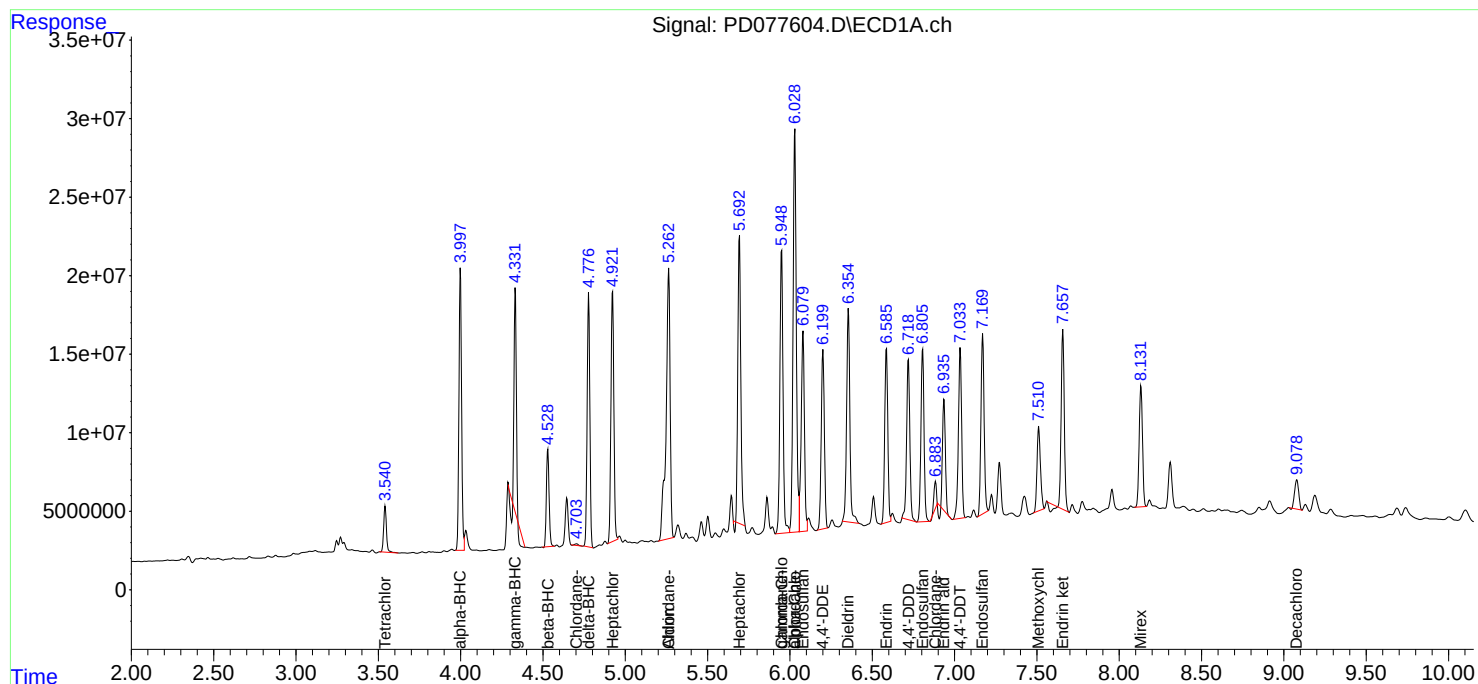
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

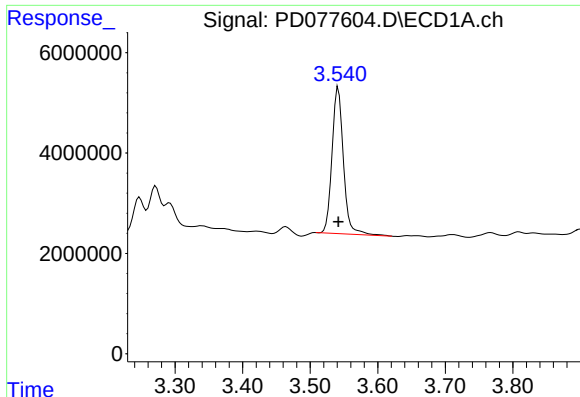
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
Data File : PD077604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #1 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

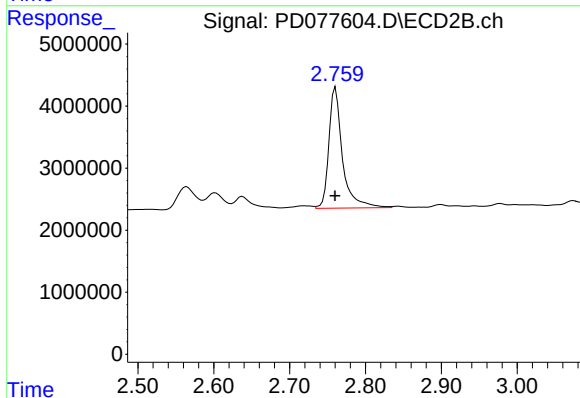




#1 Tetrachloro-m-xylene

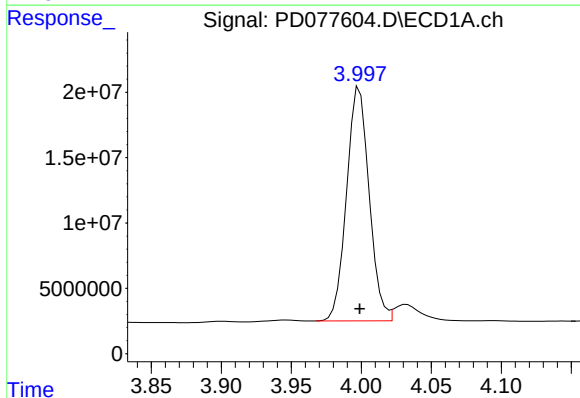
R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 34313149
Conc: 13.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



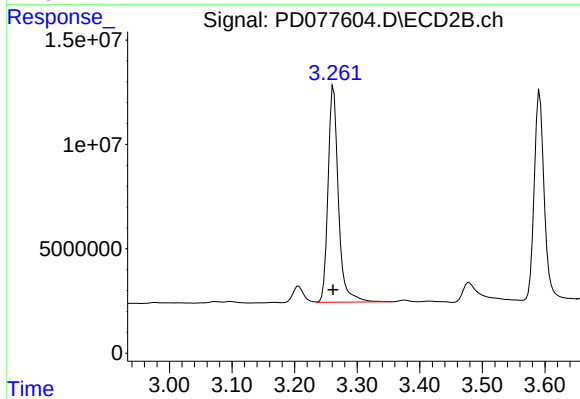
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 24303062
Conc: 15.37 ng/ml



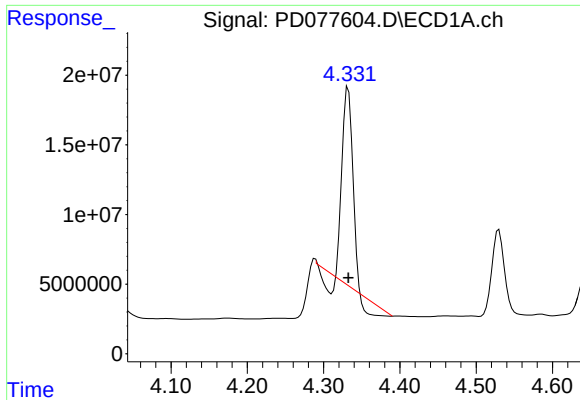
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 200922100
Conc: 48.84 ng/ml



#2 alpha-BHC

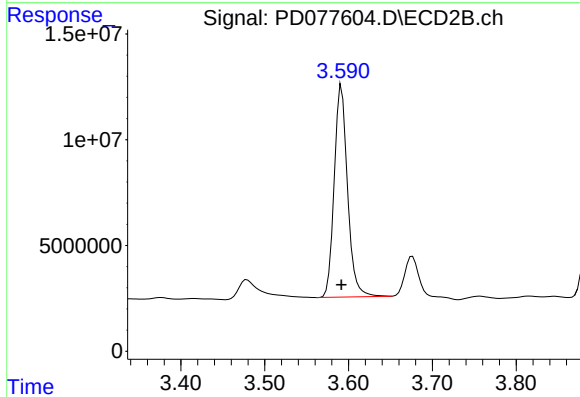
R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 119206280
Conc: 51.53 ng/ml



#3 gamma-BHC (Lindane)

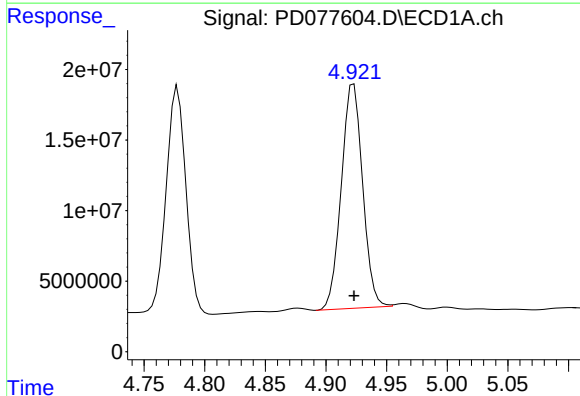
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 116689423
Conc: 29.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



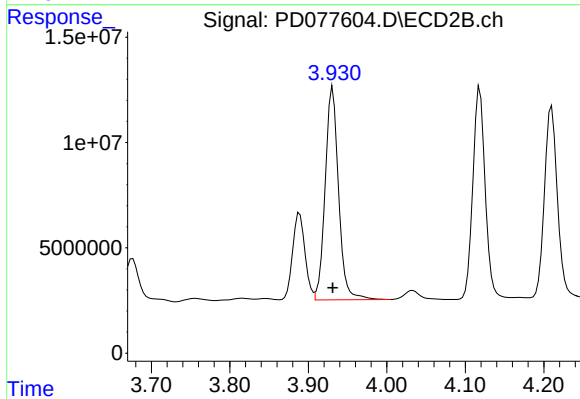
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 110481546
Conc: 49.42 ng/ml



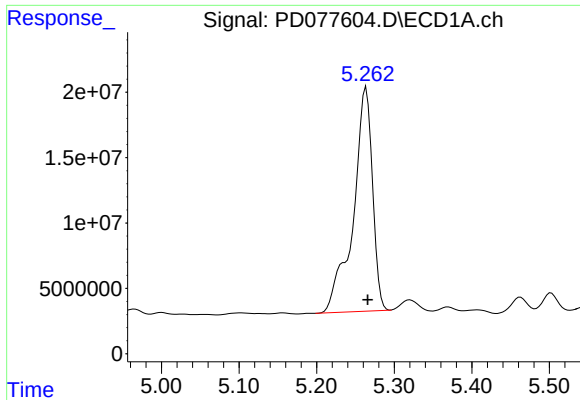
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 194415400
Conc: 49.62 ng/ml



#4 Heptachlor

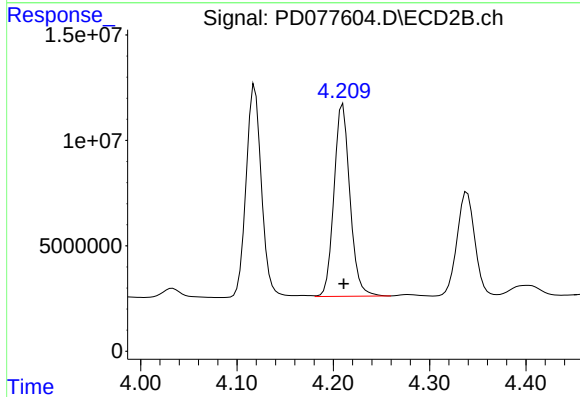
R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 119533052
Conc: 53.14 ng/ml



#5 Aldrin

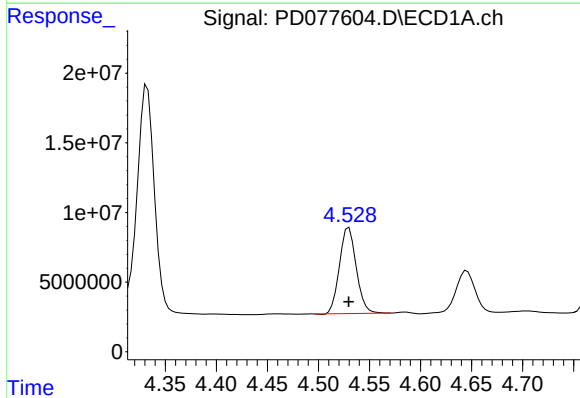
R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 295129488
Conc: 73.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



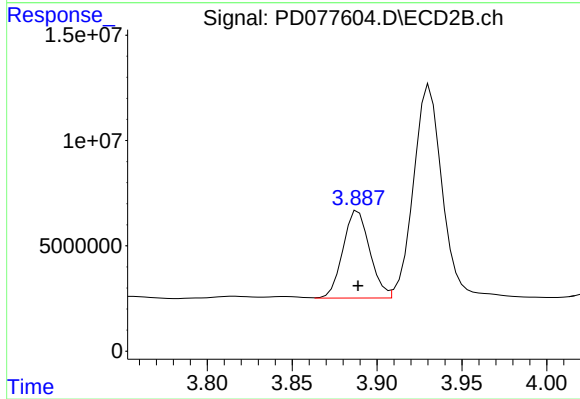
#5 Aldrin

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 105149210
Conc: 46.16 ng/ml



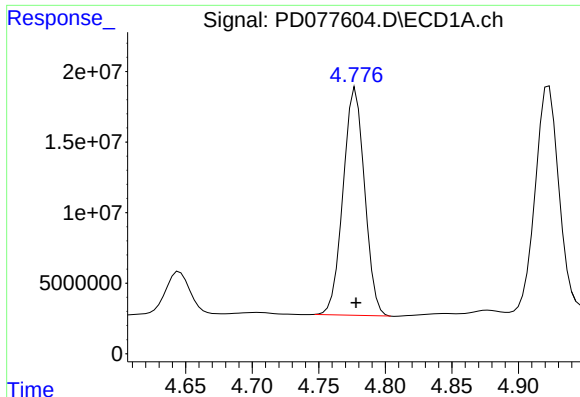
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 70797997
Conc: 43.87 ng/ml



#6 beta-BHC

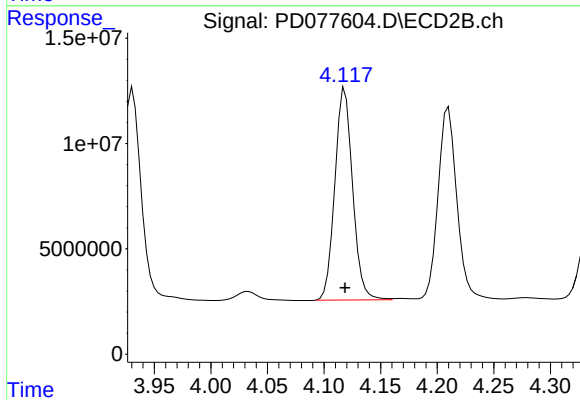
R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 45536604
Conc: 51.09 ng/ml



#7 delta-BHC

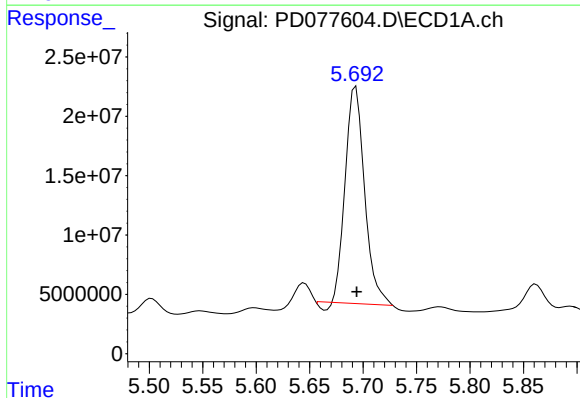
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 181067243
Conc: 49.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



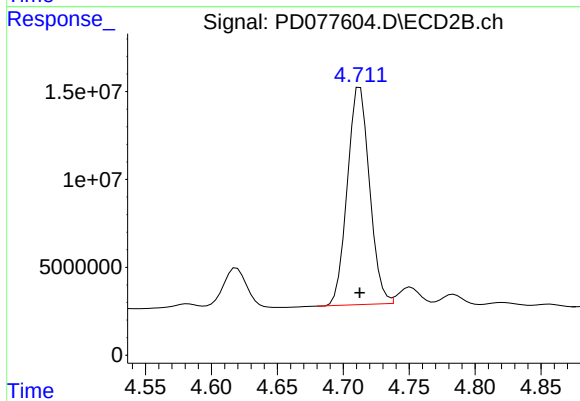
#7 delta-BHC

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 110077531
Conc: 50.78 ng/ml



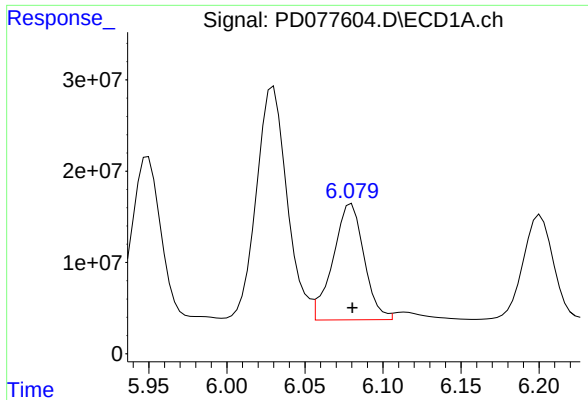
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 228529133
Conc: 63.91 ng/ml



#8 Heptachlor epoxide

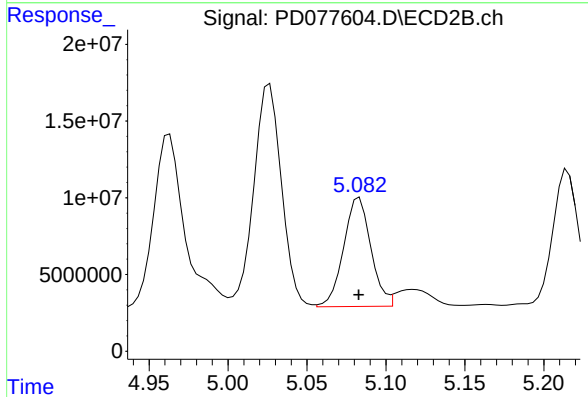
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 144791372
Conc: 71.39 ng/ml



#9 Endosulfan I

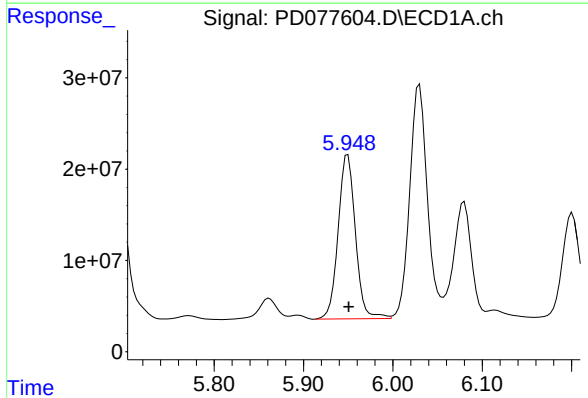
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 176382504
Conc: 53.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



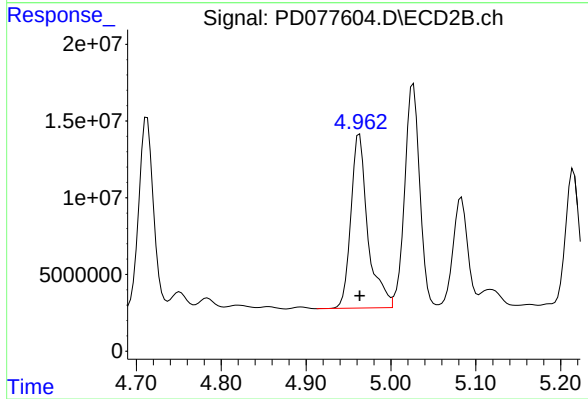
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 85586163
Conc: 45.69 ng/ml



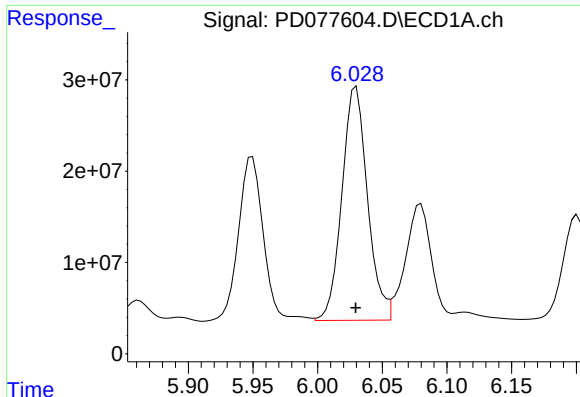
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 241613132
Conc: 68.63 ng/ml



#10 gamma-Chlordane

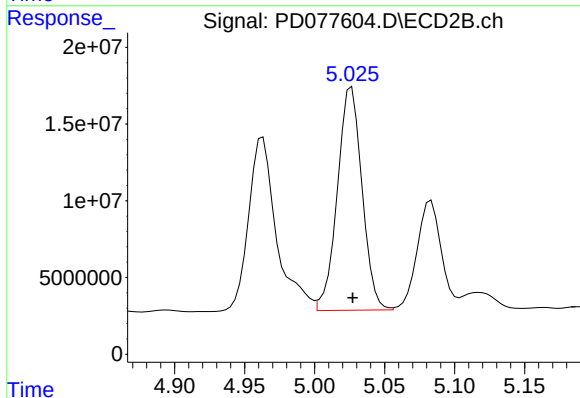
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 157238374
Conc: 78.22 ng/ml



#11 alpha-Chlordane

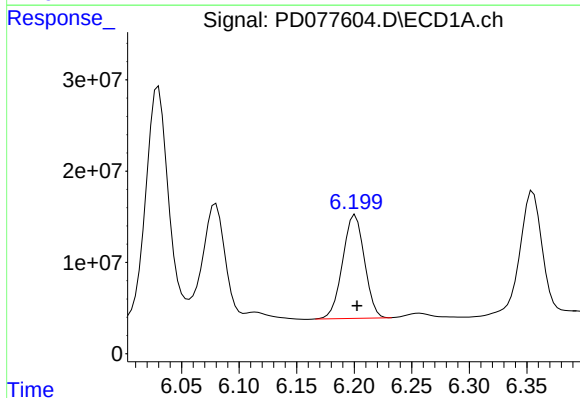
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 351531698
Conc: 98.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



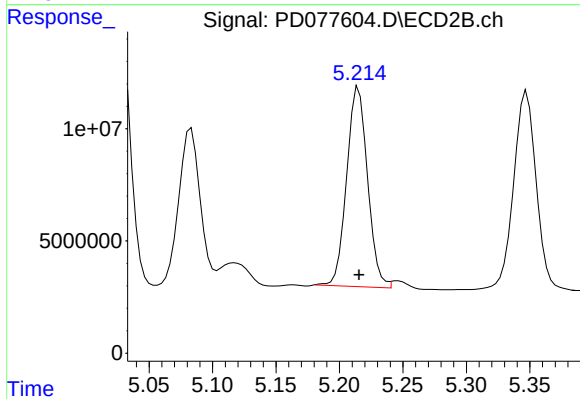
#11 alpha-Chlordane

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 178373716
Conc: 88.54 ng/ml



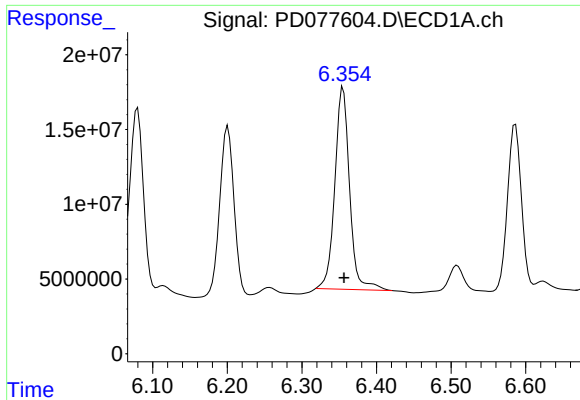
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 150411523
Conc: 46.72 ng/ml



#12 4,4'-DDE

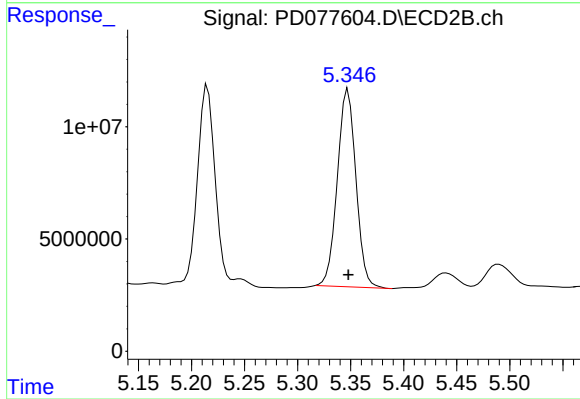
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 101885819
Conc: 55.82 ng/ml



#13 Dieldrin

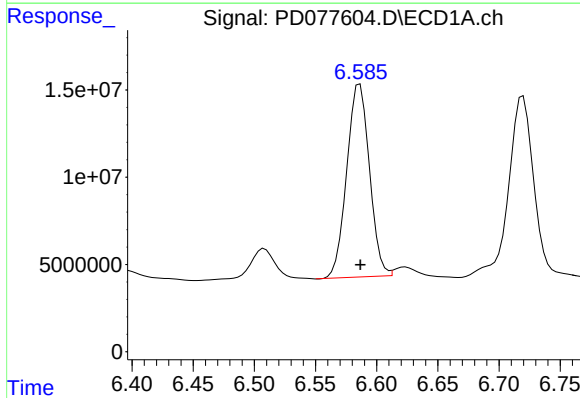
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 186146199
Conc: 52.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



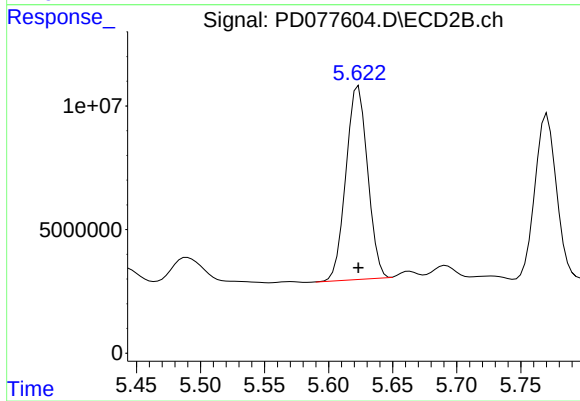
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 107381297
Conc: 52.59 ng/ml



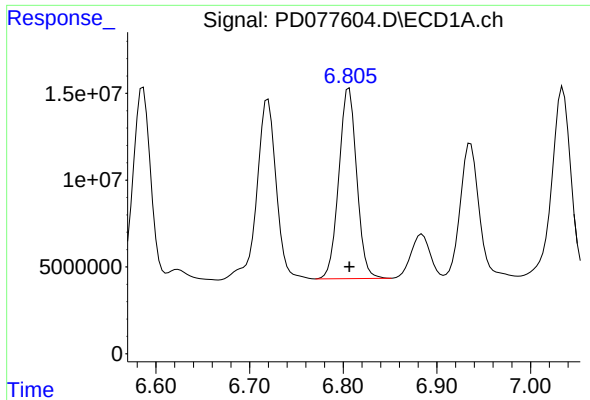
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 142437419
Conc: 46.96 ng/ml



#14 Endrin

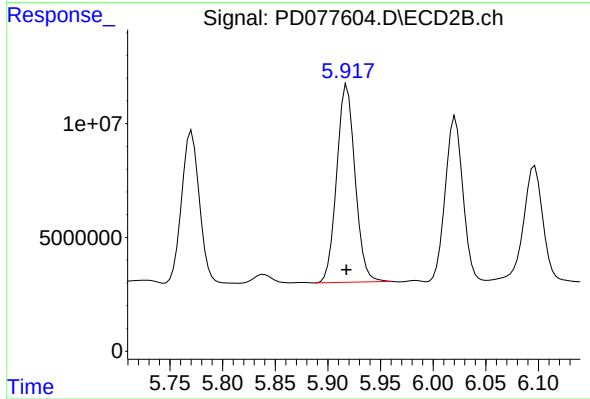
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 92033303
Conc: 50.81 ng/ml



#15 Endosulfan II

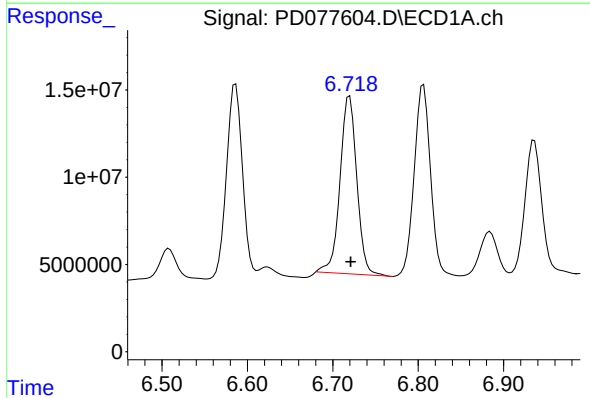
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 145476226
Conc: 46.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



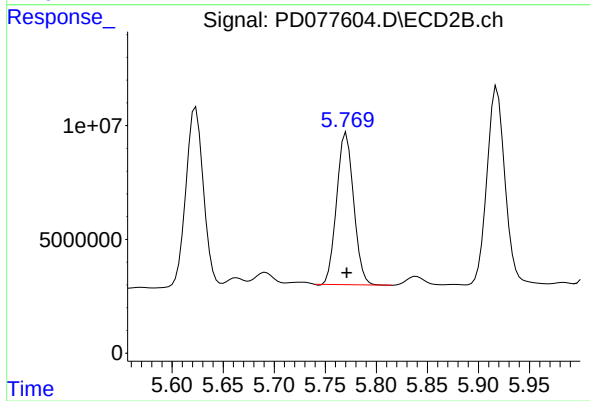
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 105394256
Conc: 61.60 ng/ml



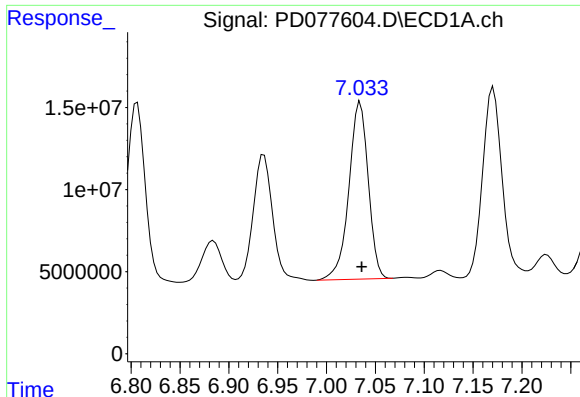
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.001 min
Response: 139522444
Conc: 54.45 ng/ml



#16 4,4'-DDD

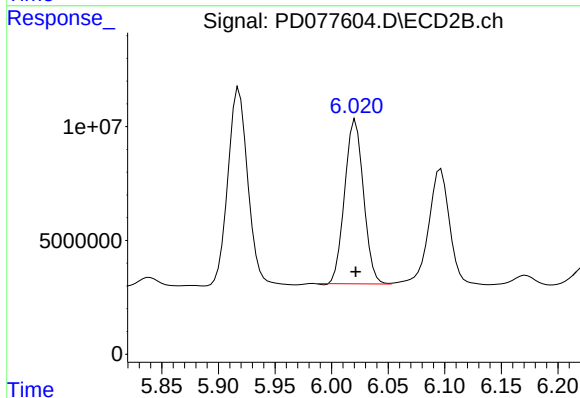
R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 77391769
Conc: 55.38 ng/ml



#17 4,4'-DDT

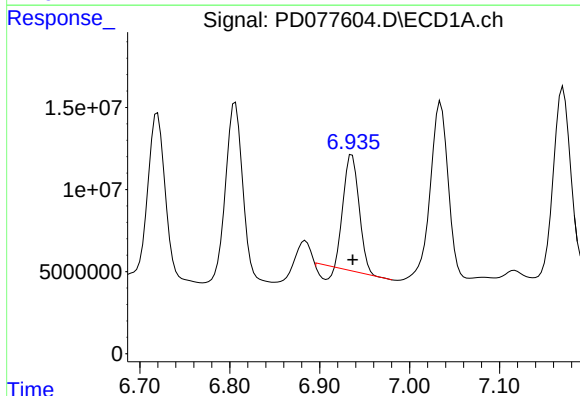
R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 148985982
Conc: 56.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



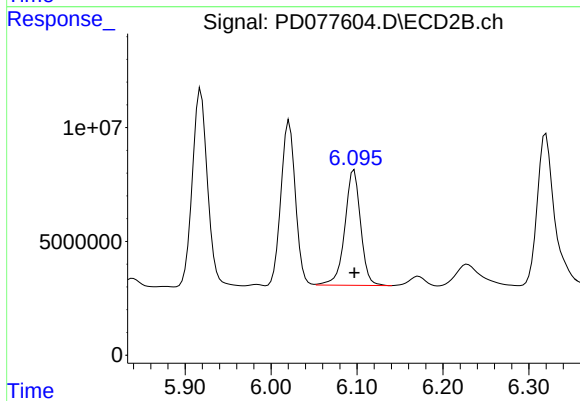
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 83382486
Conc: 59.02 ng/ml



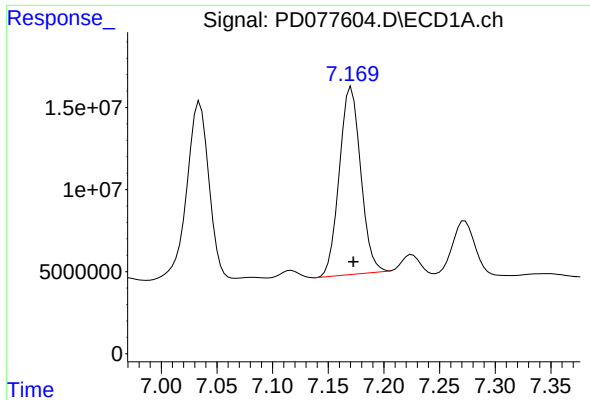
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 78102432
Conc: 32.87 ng/ml



#18 Endrin aldehyde

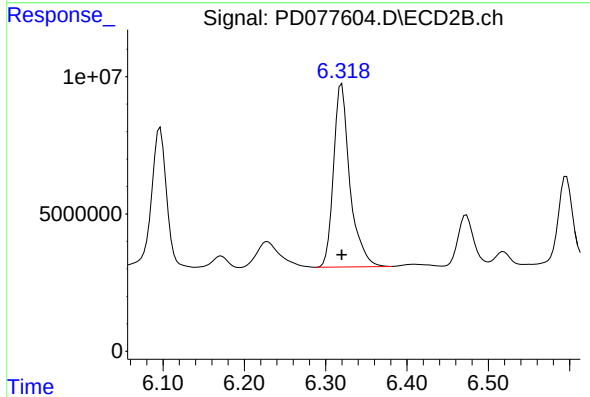
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 64856297
Conc: 48.05 ng/ml



#19 Endosulfan Sulfate

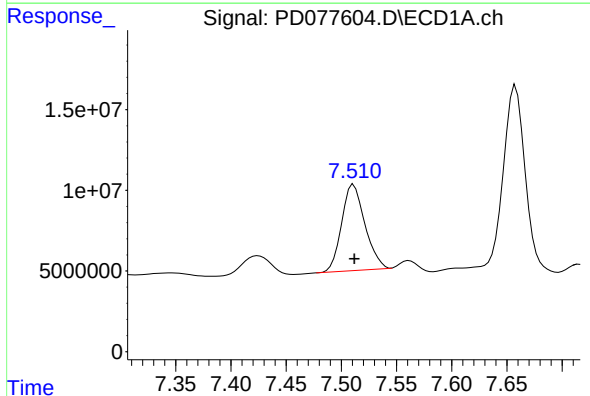
R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 152531269
Conc: 53.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



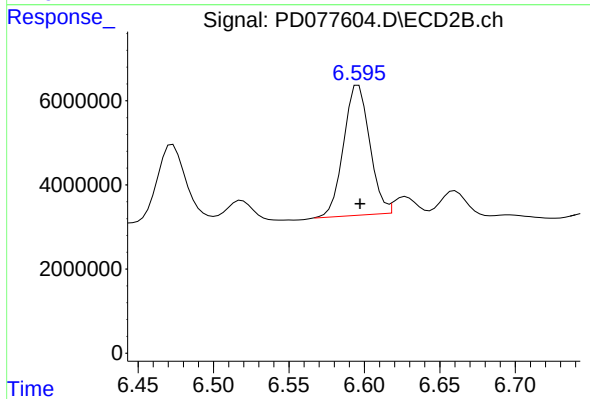
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 93063679
Conc: 58.12 ng/ml



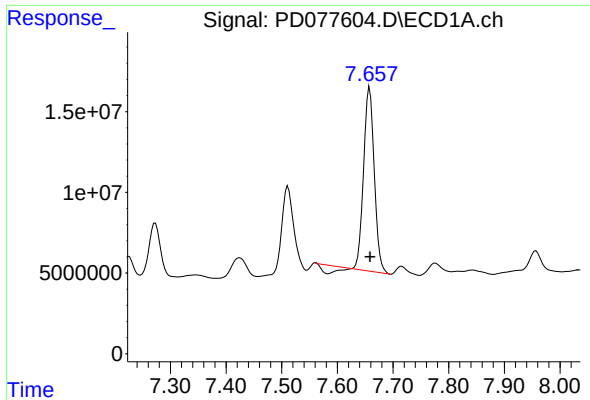
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 78148637
Conc: 50.52 ng/ml



#20 Methoxychlor

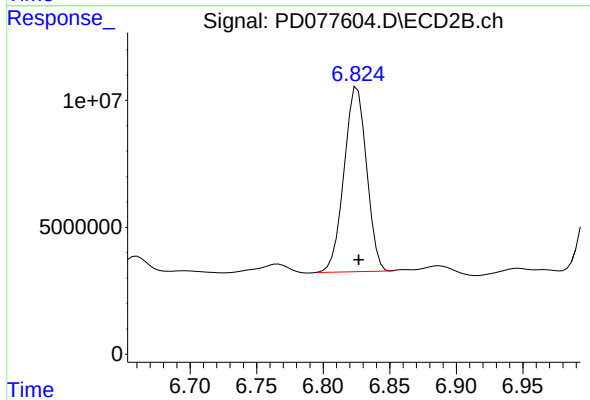
R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 37323368
Conc: 48.21 ng/ml



#21 Endrin ketone

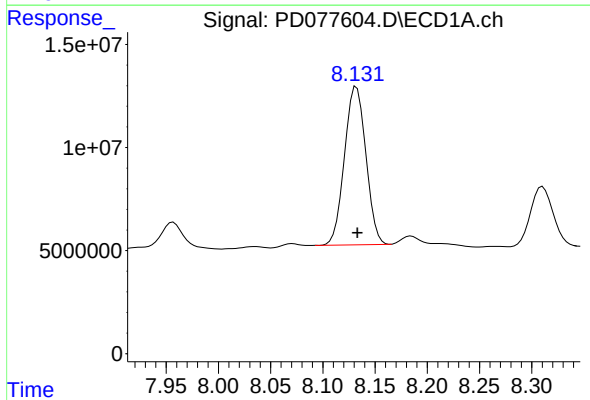
R.T.: 7.658 min
Delta R.T.: -0.001 min
Response: 143827834
Conc: 44.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



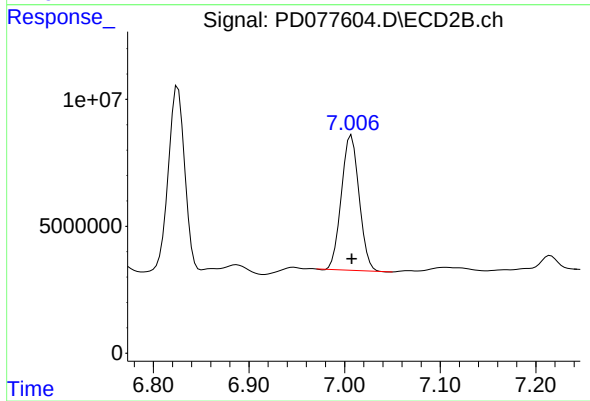
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 85657632
Conc: 45.30 ng/ml



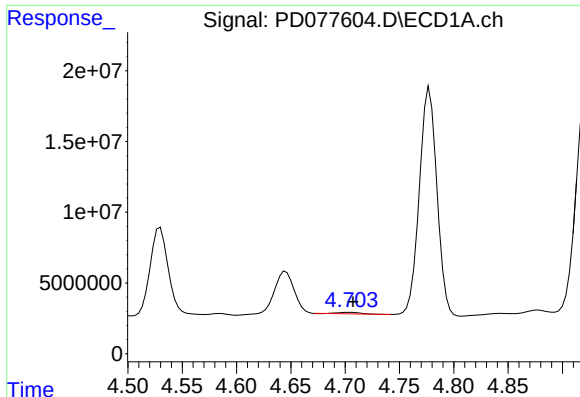
#22 Mirex

R.T.: 8.132 min
Delta R.T.: -0.001 min
Response: 109461781
Conc: 45.51 ng/ml



#22 Mirex

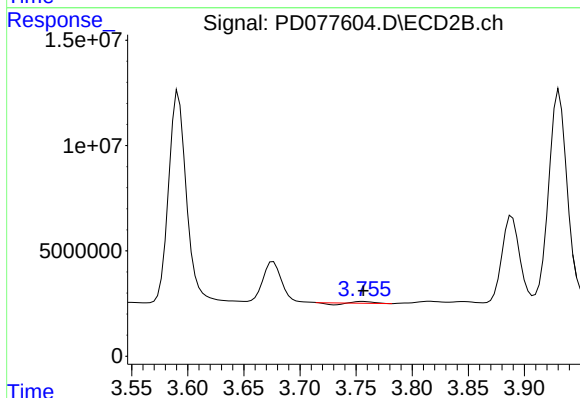
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 68524415
Conc: 44.75 ng/ml



#23 Chlordane-1

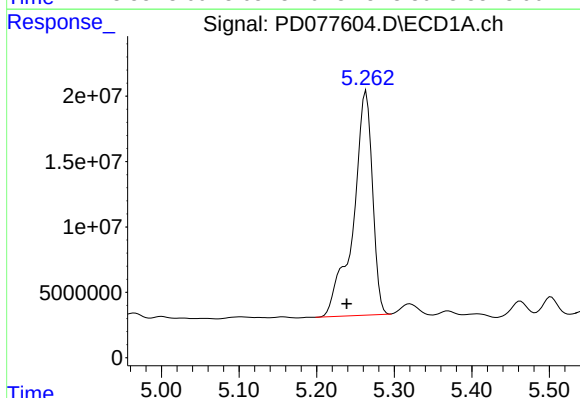
R.T.: 4.705 min
Delta R.T.: -0.003 min
Response: 1544210
Conc: 13.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



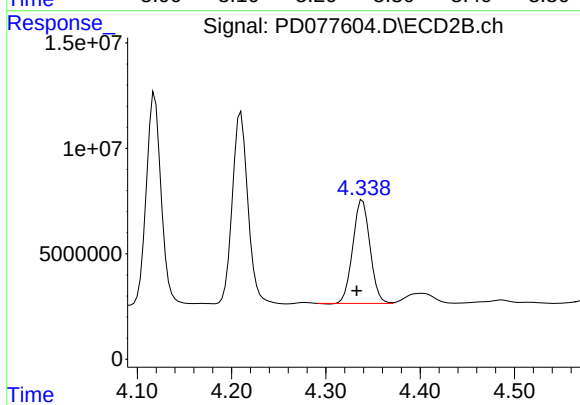
#23 Chlordane-1

R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 303646
Conc: 5.33 ng/ml



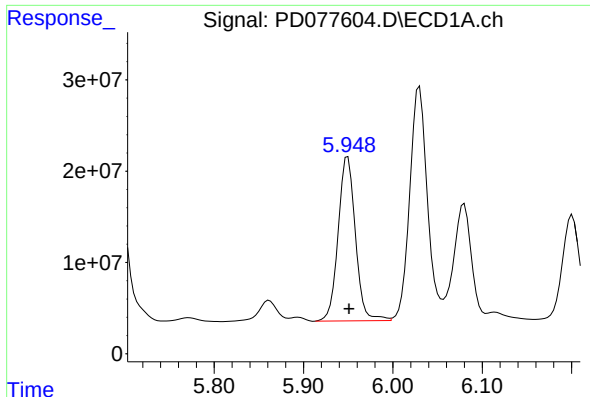
#24 Chlordane-2

R.T.: 5.264 min
Delta R.T.: 0.025 min
Response: 295129488
Conc: 2312.35 ng/ml



#24 Chlordane-2

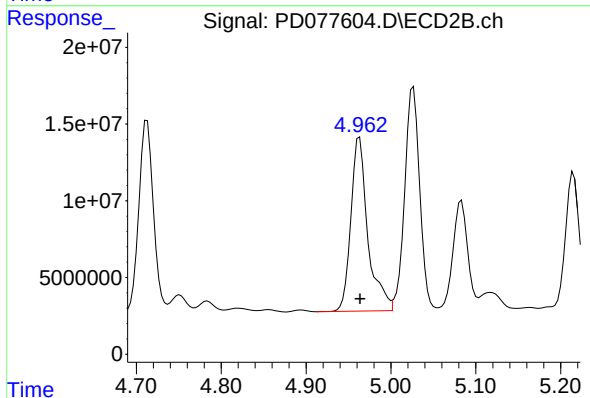
R.T.: 4.339 min
Delta R.T.: 0.006 min
Response: 62233554
Conc: 977.12 ng/ml



#25 Chlordane-3

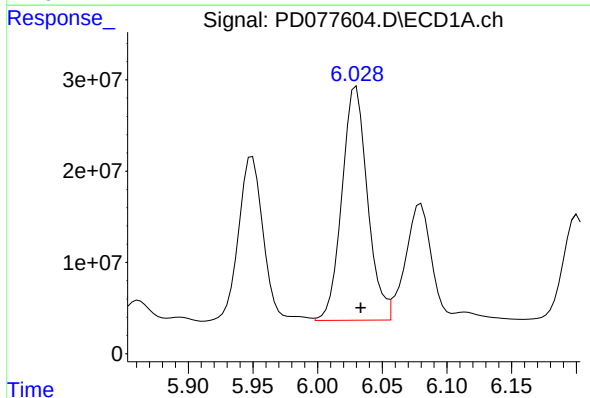
R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 241613132
Conc: 480.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



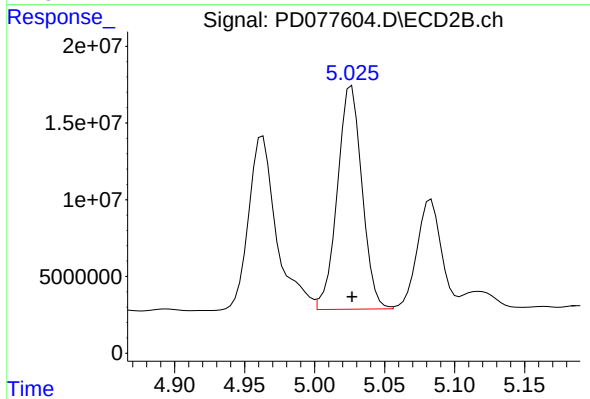
#25 Chlordane-3

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 157238374
Conc: 801.41 ng/ml



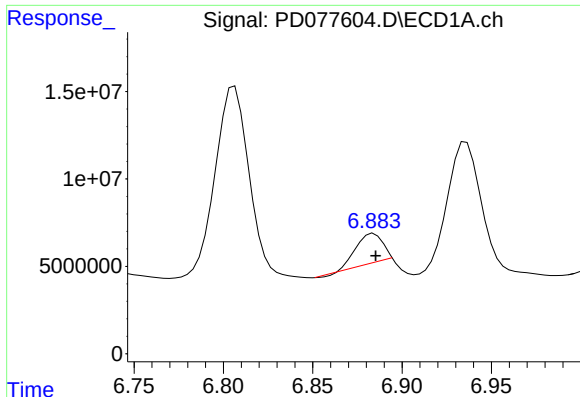
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 351531698
Conc: 570.66 ng/ml



#26 Chlordane-4

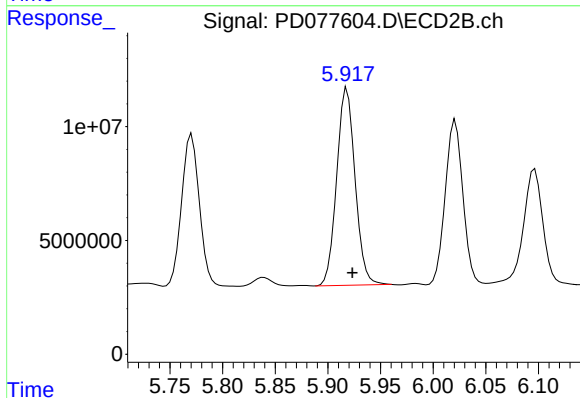
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 178373716
Conc: 942.67 ng/ml



#27 Chlordane-5

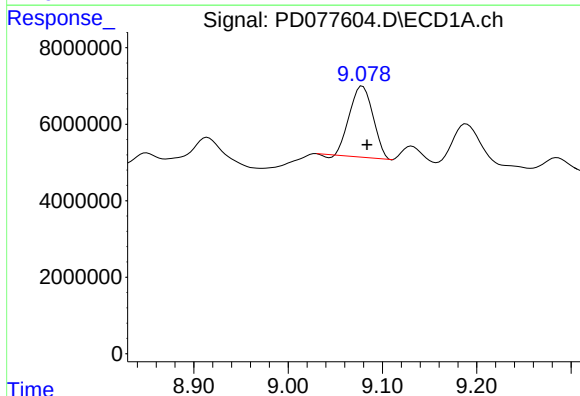
R.T.: 6.884 min
Delta R.T.: -0.001 min
Response: 18387239
Conc: 181.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11939MS



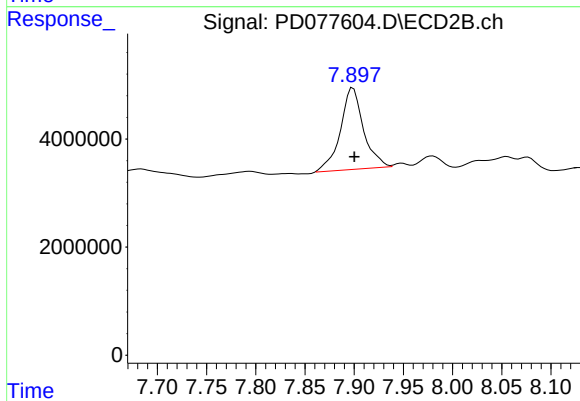
#27 Chlordane-5

R.T.: 5.918 min
Delta R.T.: -0.005 min
Response: 105394256
Conc: 1638.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 31974006
Conc: 10.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 24667633
Conc: 14.29 ng/ml