

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042325\
 Data File : PD088237.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 12:32
 Operator : AR\AJ
 Sample : Q1832-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-01MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 01:31:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 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...	3.558	2.883	39487139	266.8E6	19.769	18.246
28)	SA Decachlor...	9.081	8.078	67164397	340.8E6	20.303	18.442
Target Compounds							
2)	A alpha-BHC	4.008	3.396	213.0E6	1013.7E6	49.399	44.340
3)	MA gamma-BHC...	4.338	3.733	206.9E6	939.7E6	49.398	43.629
4)	MA Heptachlor	4.938	4.087	192.5E6	902.6E6	47.673	42.181
5)	MB Aldrin	5.279	4.373	186.5E6	904.7E6	47.233	43.490
6)	B beta-BHC	4.523	4.029	78770040	407.0E6	48.522	43.983
7)	B delta-BHC	4.772	4.266	203.6E6	944.0E6	49.359	44.401
8)	B Heptachlo...	5.699	4.877	168.5E6	830.1E6	47.144	43.934
9)	A Endosulfan I	6.083	5.252	163.6E6	779.6E6	48.439	43.279
10)	B gamma-Chl...	5.954	5.131	174.8E6	888.1E6	48.247	43.756
11)	B alpha-Chl...	6.035	5.195	173.0E6	854.7E6	47.933	43.602
12)	B 4,4'-DDE	6.204	5.380	154.5E6	850.0E6	46.841	43.161
13)	MA Dieldrin	6.355	5.517	175.4E6	872.3E6	49.163	43.764
14)	MA Endrin	6.582	5.794	142.8E6	791.1E6	47.875	43.461
15)	B Endosulfa...	6.793	6.085	147.0E6	769.1E6	47.009	43.895
16)	A 4,4'-DDD	6.712	5.934	124.2E6	729.6E6	49.376	44.524
17)	MA 4,4'-DDT	7.028	6.188	123.1E6	709.3E6	44.321	41.681
18)	B Endrin al...	6.922	6.263	112.5E6	579.2E6	48.725	43.548
19)	B Endosulfa...	7.156	6.487	139.1E6	742.6E6	48.379	43.344
20)	A Methoxychlor	7.500	6.759	67000128	376.2E6	44.680	41.246
21)	B Endrin ke...	7.637	6.996	150.1E6	814.8E6	48.625	43.563
22)	Mirex	8.121	7.190	108.3E6	615.4E6	46.113	41.521
23)	Chlordane-1	0.000	3.906	0	9391633	N.D.	11.715 #
24)	Chlordane-2	0.000	4.512f	0	9944097	N.D.	12.049 #
25)	Chlordane-3	5.954	5.131	174.8E6	888.1E6	259.073	351.146 #
26)	Chlordane-4	6.035	5.195	173.0E6	854.7E6	212.205	399.746 #
27)	Chlordane-5	0.000	6.085	0	769.1E6	N.D.	796.572 #

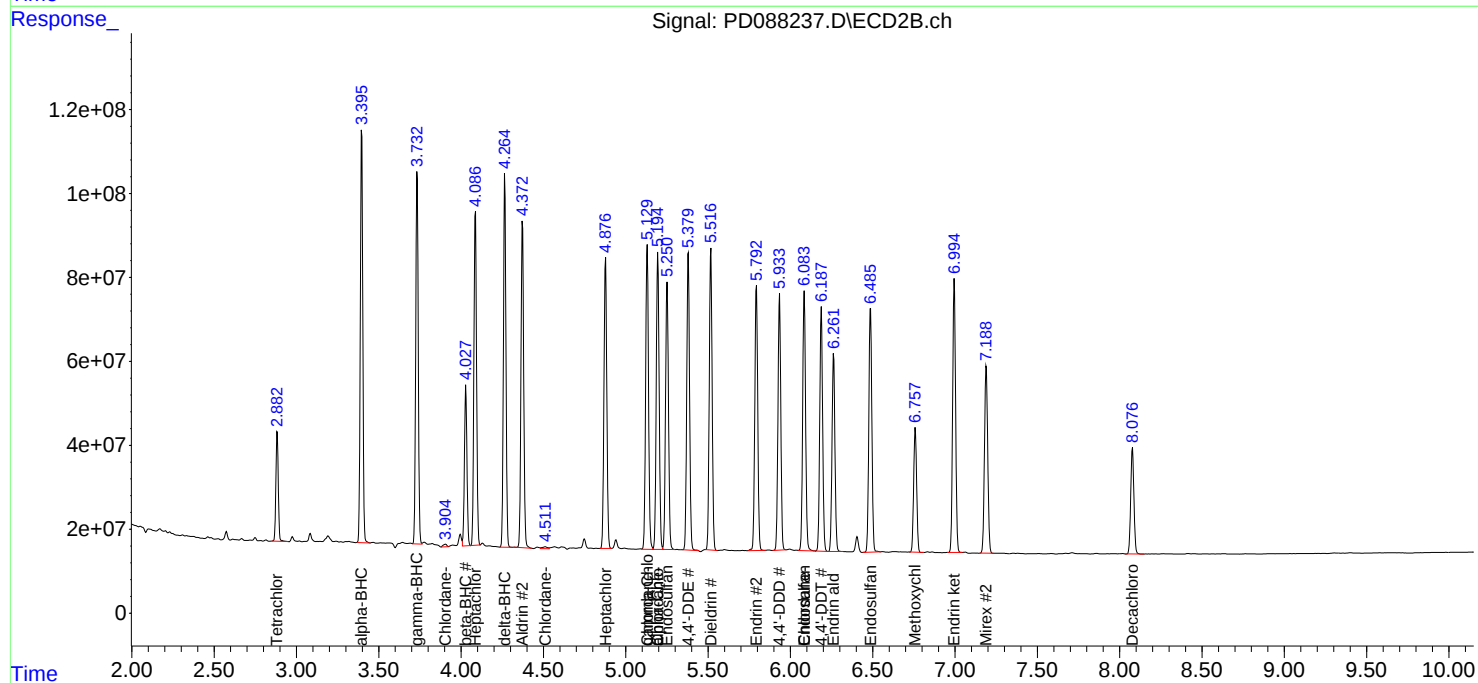
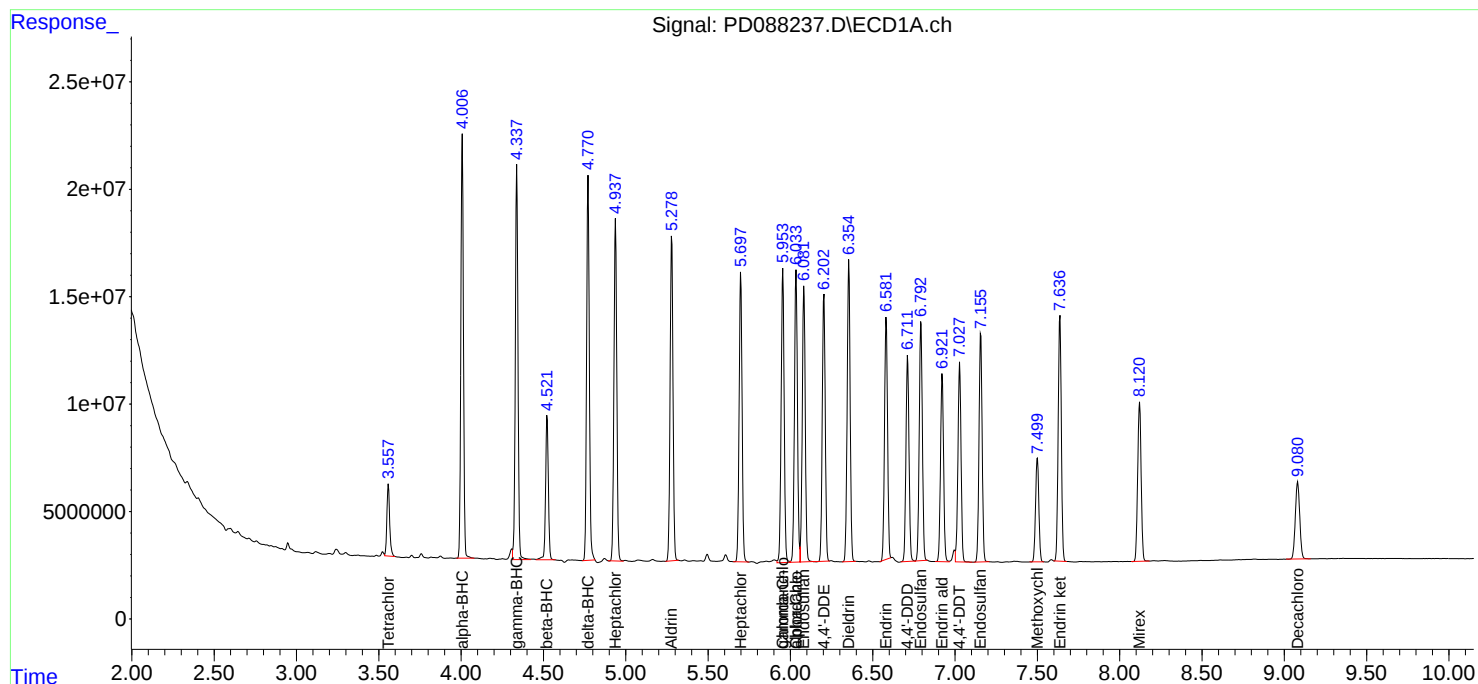
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

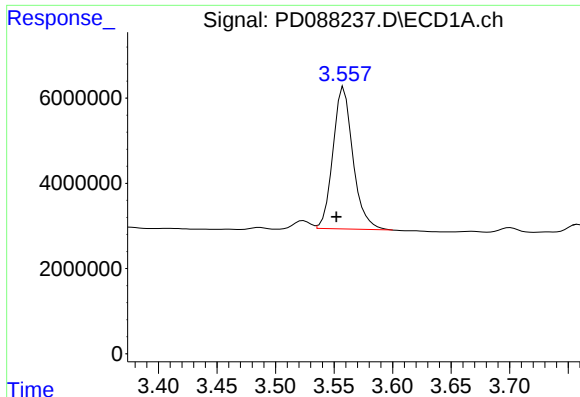
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042325\
Data File : PD088237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 12:32
Operator : AR\AJ
Sample : Q1832-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 01:31:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
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

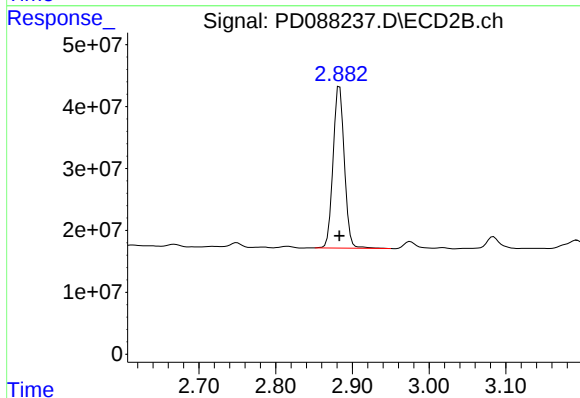




#1 Tetrachloro-m-xylene

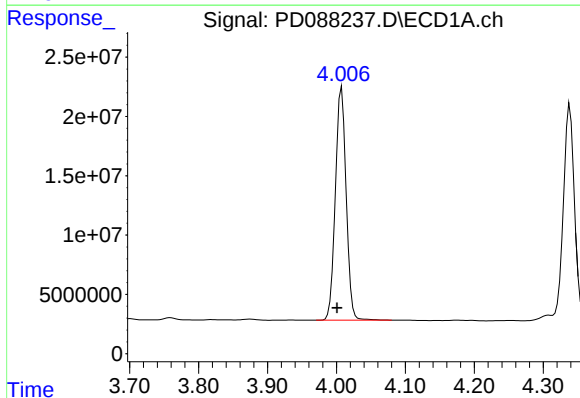
R.T.: 3.558 min
Delta R.T.: 0.006 min
Response: 39487139
Conc: 19.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



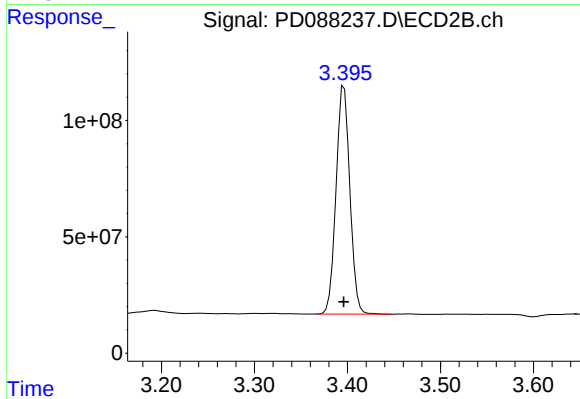
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 266783680
Conc: 18.25 ng/ml



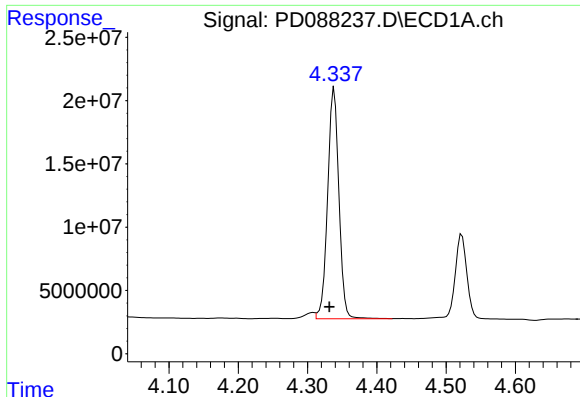
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.007 min
Response: 213010018
Conc: 49.40 ng/ml



#2 alpha-BHC

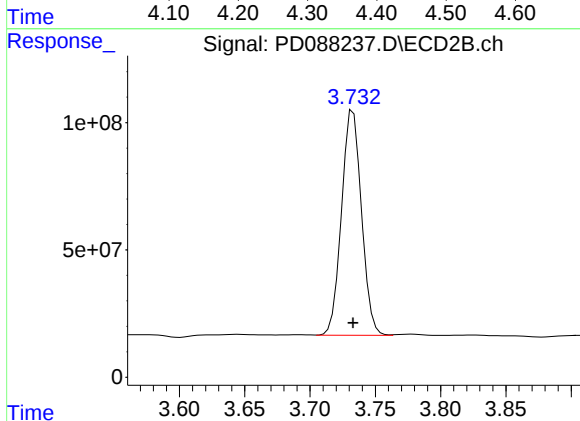
R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 1013687727
Conc: 44.34 ng/ml



#3 gamma-BHC (Lindane)

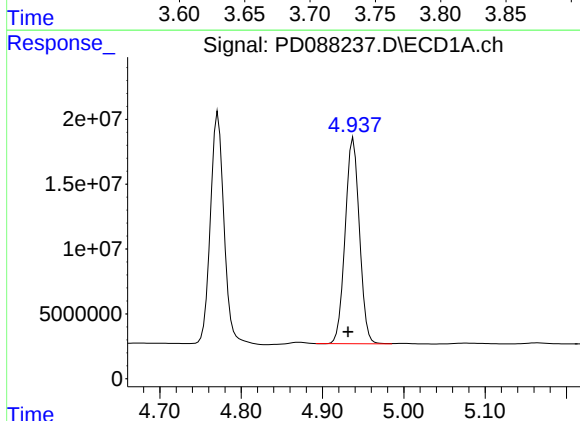
R.T.: 4.338 min
Delta R.T.: 0.007 min
Response: 206854275
Conc: 49.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



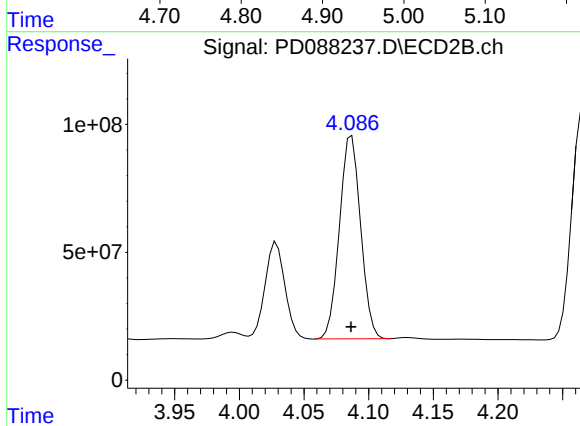
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 939707577
Conc: 43.63 ng/ml



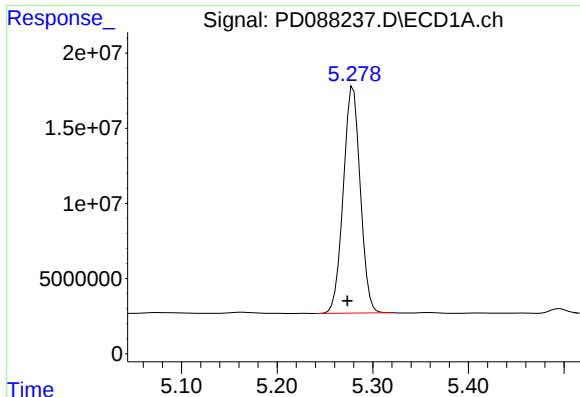
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.007 min
Response: 192549906
Conc: 47.67 ng/ml



#4 Heptachlor

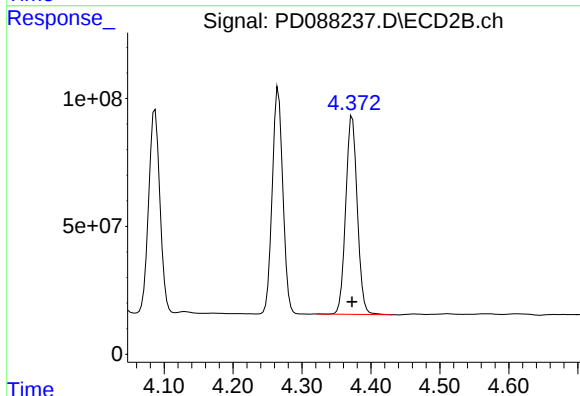
R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 902604354
Conc: 42.18 ng/ml



#5 Aldrin

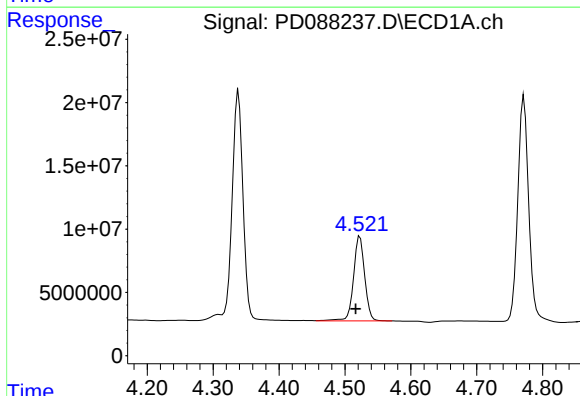
R.T.: 5.279 min
Delta R.T.: 0.006 min
Response: 186548852
Conc: 47.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



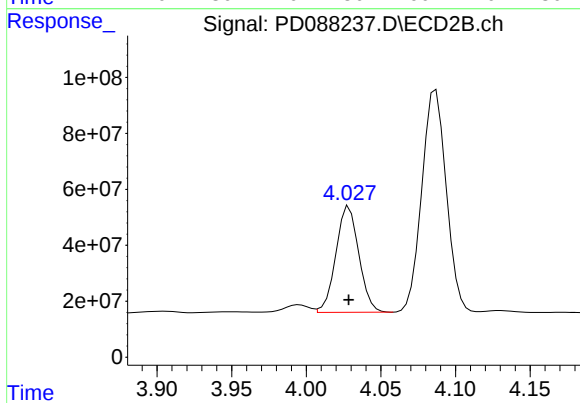
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 904703510
Conc: 43.49 ng/ml



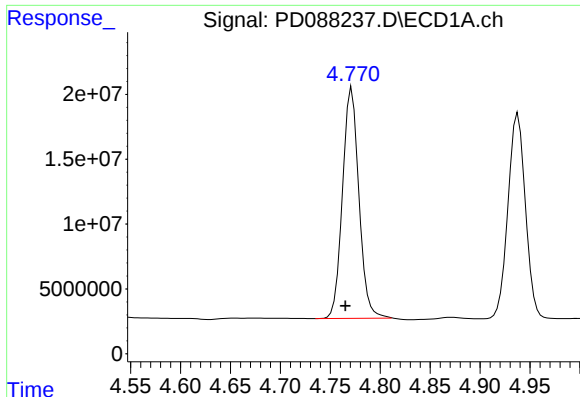
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.006 min
Response: 78770040
Conc: 48.52 ng/ml



#6 beta-BHC

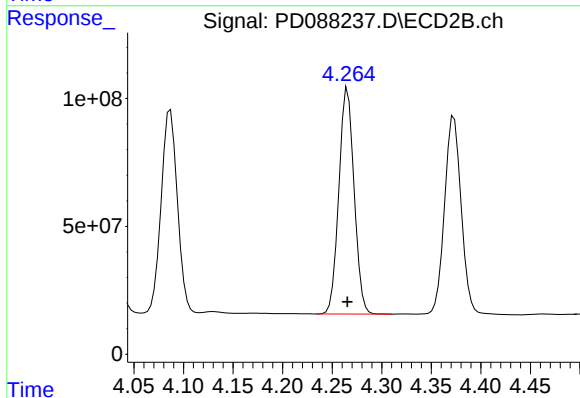
R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 407026404
Conc: 43.98 ng/ml



#7 delta-BHC

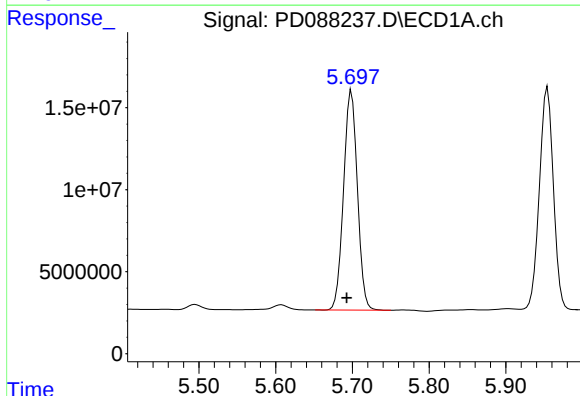
R.T.: 4.772 min
Delta R.T.: 0.006 min
Response: 203606120
Conc: 49.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



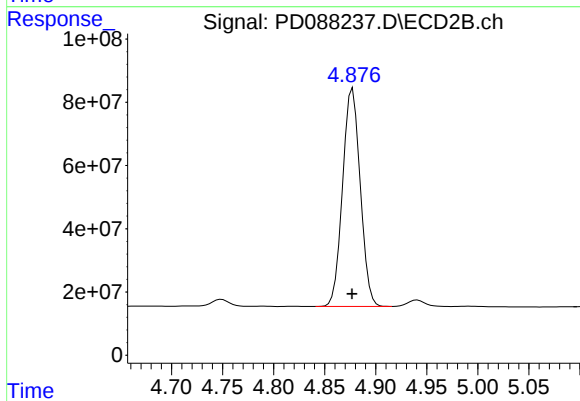
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.000 min
Response: 944032722
Conc: 44.40 ng/ml



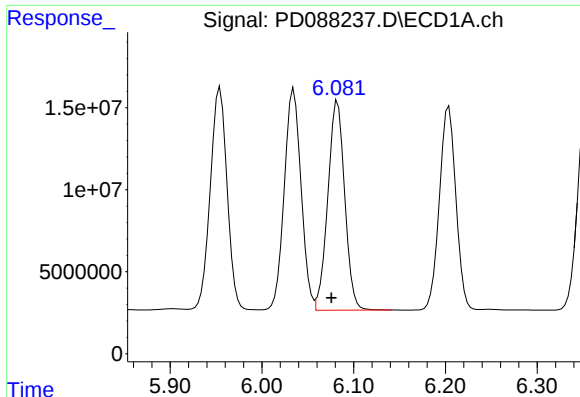
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.006 min
Response: 168491830
Conc: 47.14 ng/ml



#8 Heptachlor epoxide

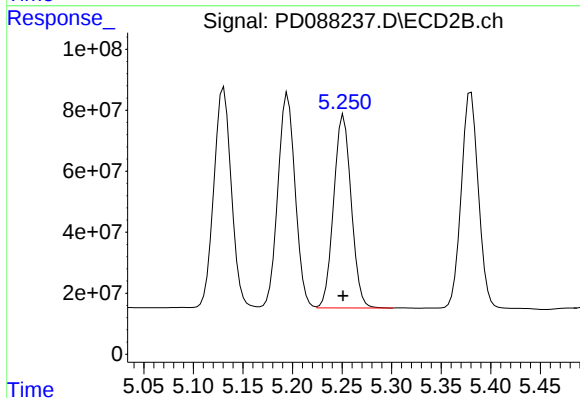
R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 830099724
Conc: 43.93 ng/ml



#9 Endosulfan I

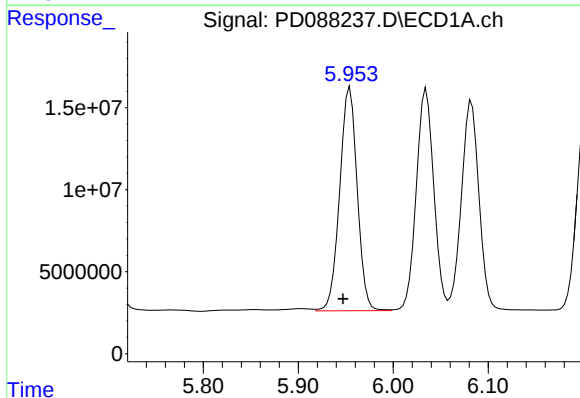
R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 163585644
Conc: 48.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



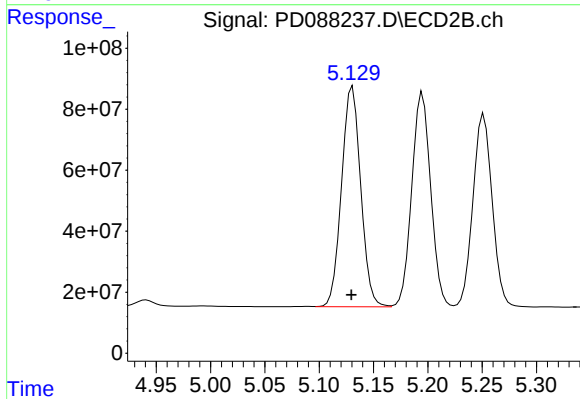
#9 Endosulfan I

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 779564085
Conc: 43.28 ng/ml



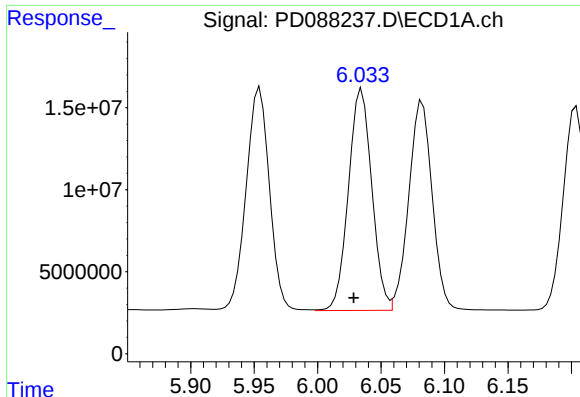
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.007 min
Response: 174752755
Conc: 48.25 ng/ml



#10 gamma-Chlordane

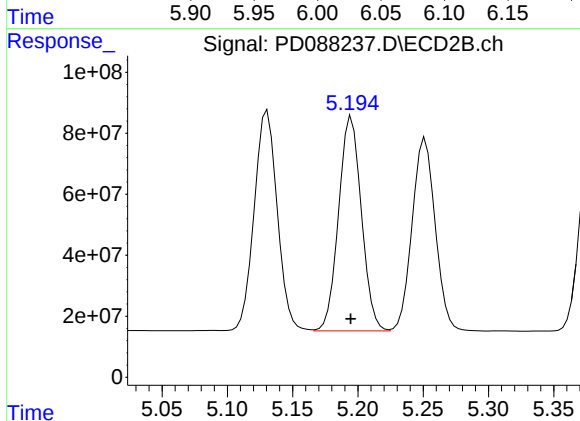
R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 888064315
Conc: 43.76 ng/ml



#11 alpha-Chlordane

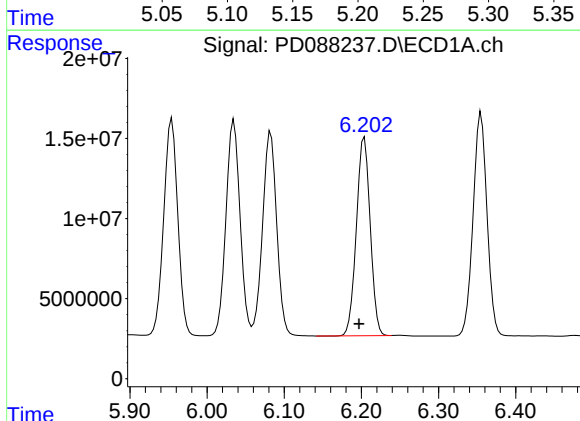
R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 173016536
Conc: 47.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



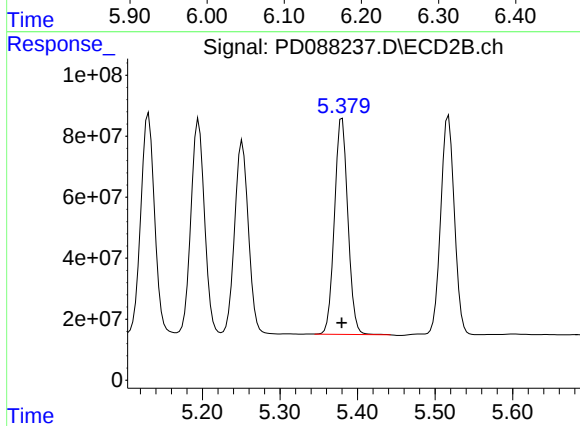
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 854717969
Conc: 43.60 ng/ml



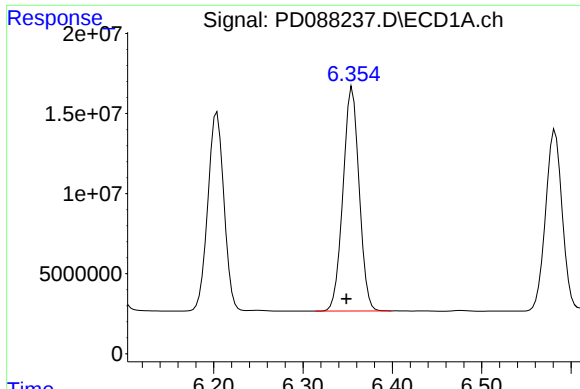
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.007 min
Response: 154493698
Conc: 46.84 ng/ml



#12 4,4'-DDE

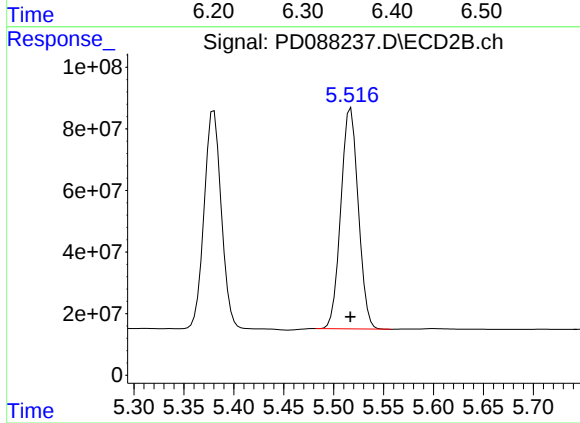
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 850004688
Conc: 43.16 ng/ml



#13 Dieldrin

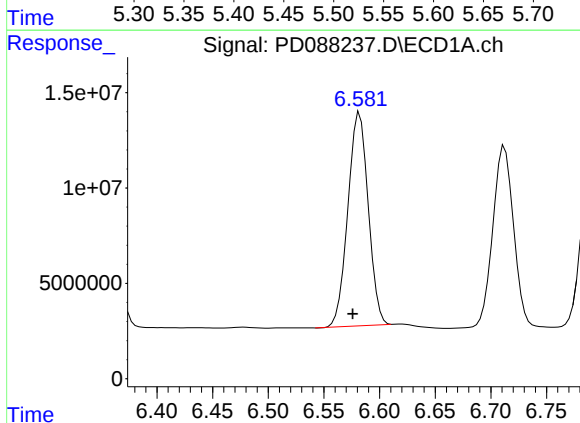
R.T.: 6.355 min
Delta R.T.: 0.007 min
Response: 175437866
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



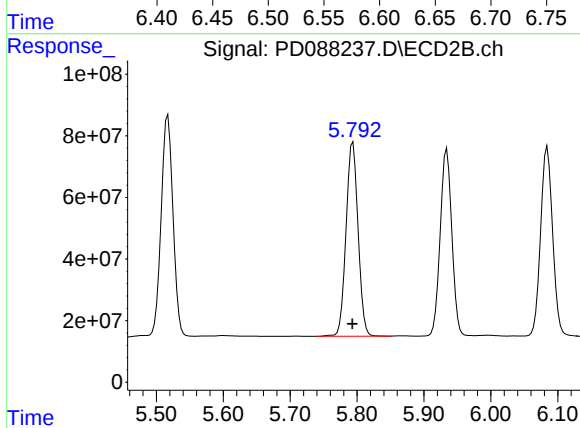
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 872333829
Conc: 43.76 ng/ml



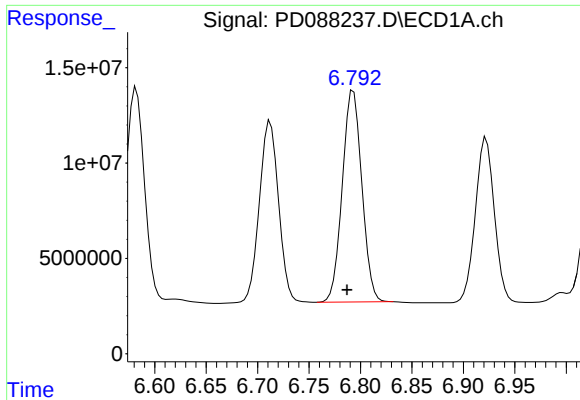
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.006 min
Response: 142791062
Conc: 47.88 ng/ml



#14 Endrin

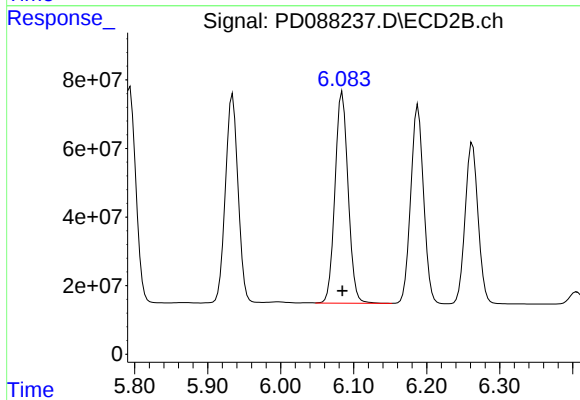
R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 791095521
Conc: 43.46 ng/ml



#15 Endosulfan II

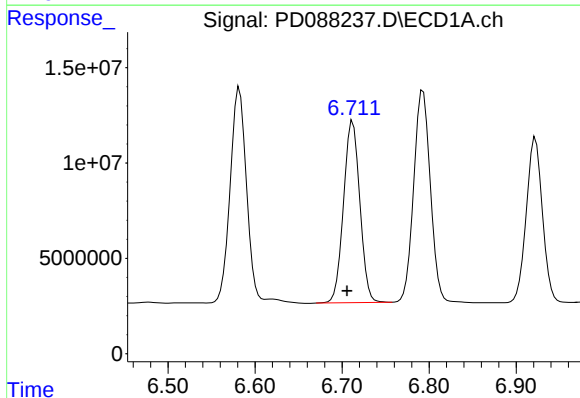
R.T.: 6.793 min
Delta R.T.: 0.006 min
Response: 146960231
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



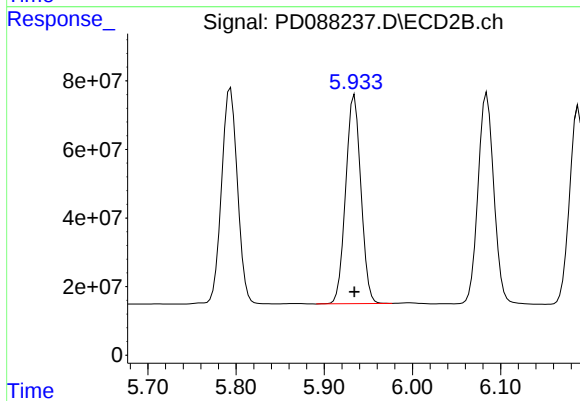
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 769110108
Conc: 43.89 ng/ml



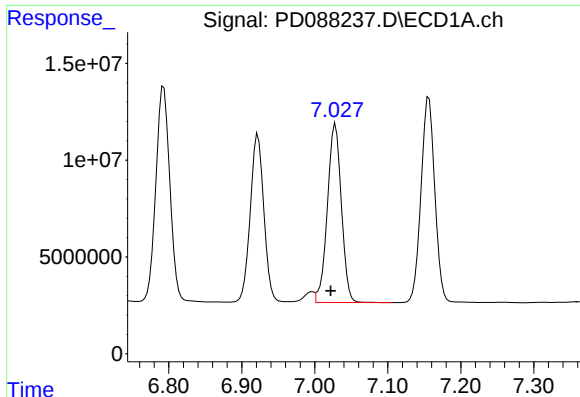
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.006 min
Response: 124177363
Conc: 49.38 ng/ml



#16 4,4'-DDD

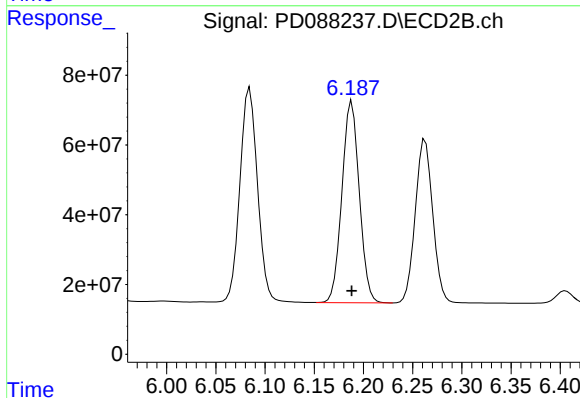
R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 729581611
Conc: 44.52 ng/ml



#17 4,4'-DDT

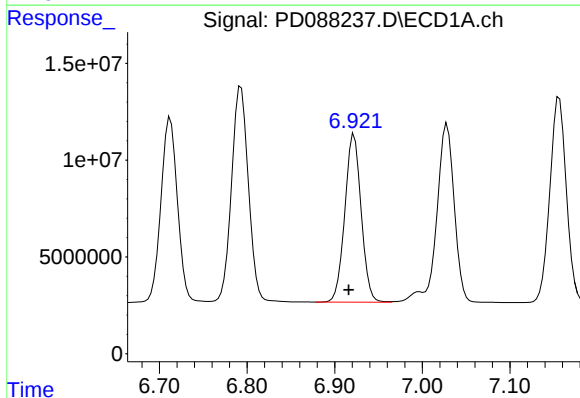
R.T.: 7.028 min
Delta R.T.: 0.006 min
Response: 123102771
Conc: 44.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



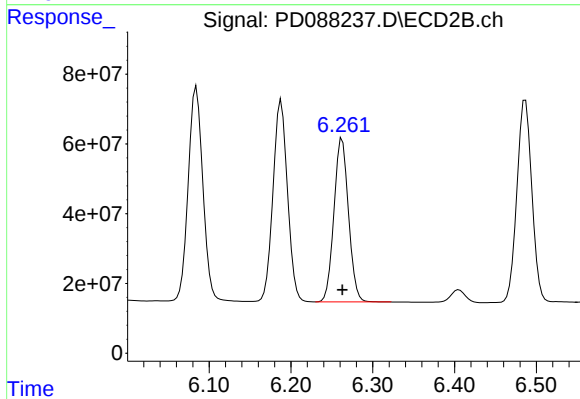
#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 709264522
Conc: 41.68 ng/ml



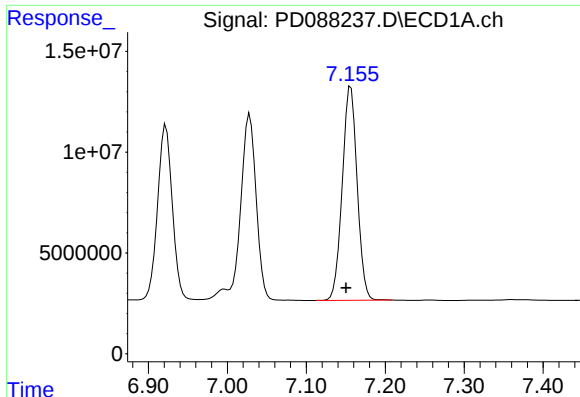
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.006 min
Response: 112455610
Conc: 48.72 ng/ml



#18 Endrin aldehyde

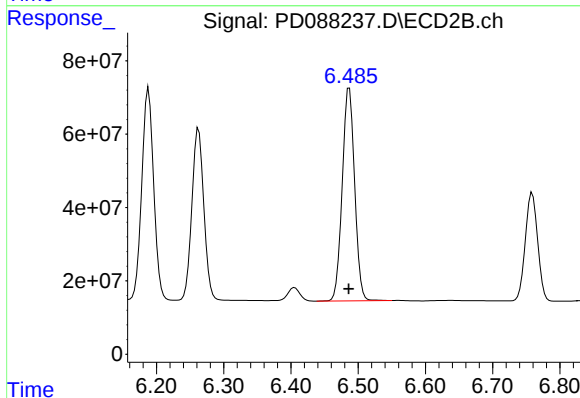
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 579224883
Conc: 43.55 ng/ml



#19 Endosulfan Sulfate

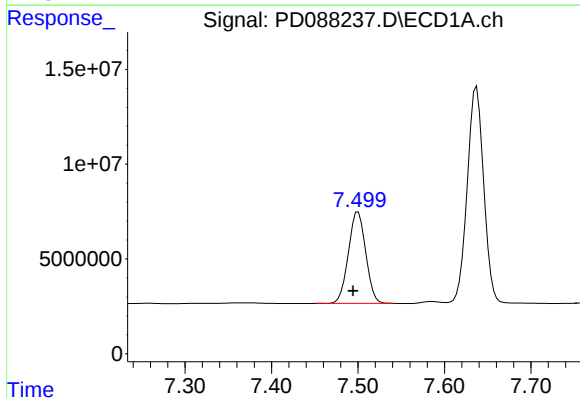
R.T.: 7.156 min
Delta R.T.: 0.006 min
Response: 139131152
Conc: 48.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



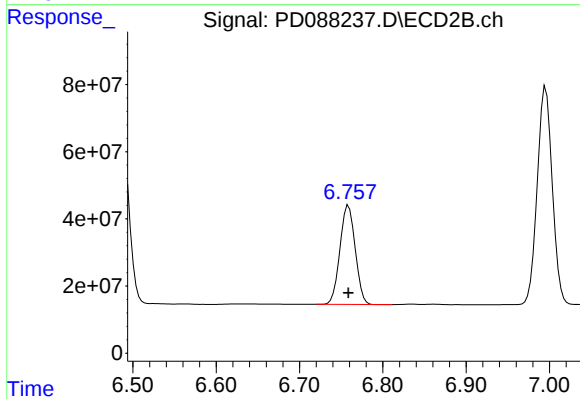
#19 Endosulfan Sulfate

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 742628210
Conc: 43.34 ng/ml



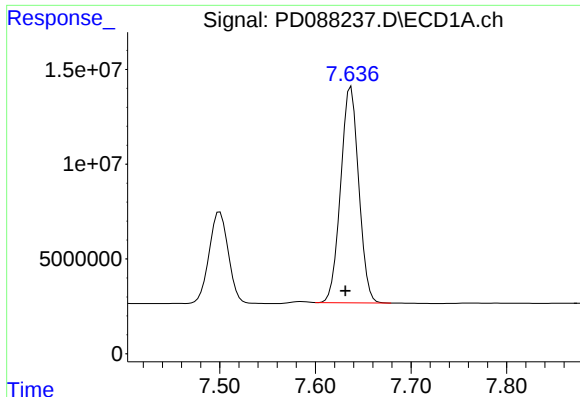
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.006 min
Response: 67000128
Conc: 44.68 ng/ml



#20 Methoxychlor

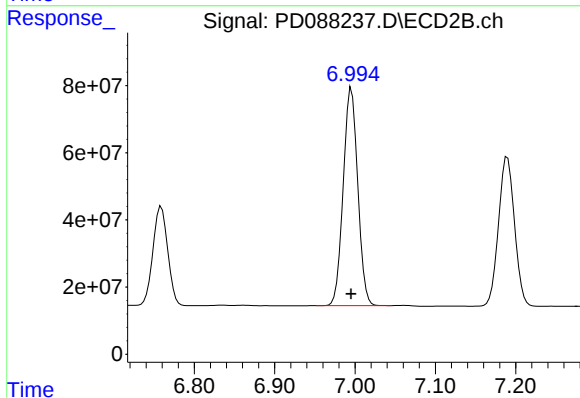
R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 376204085
Conc: 41.25 ng/ml



#21 Endrin ketone

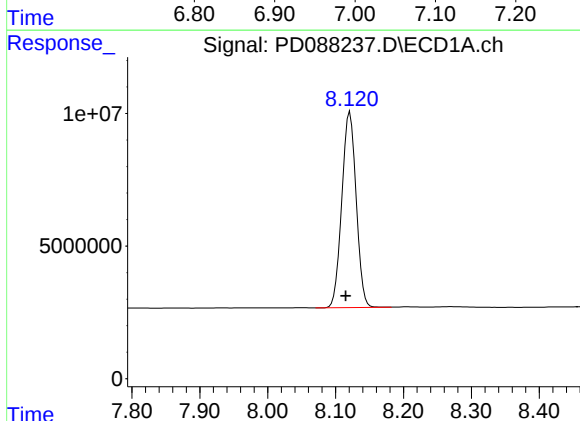
R.T.: 7.637 min
Delta R.T.: 0.006 min
Response: 150083701
Conc: 48.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



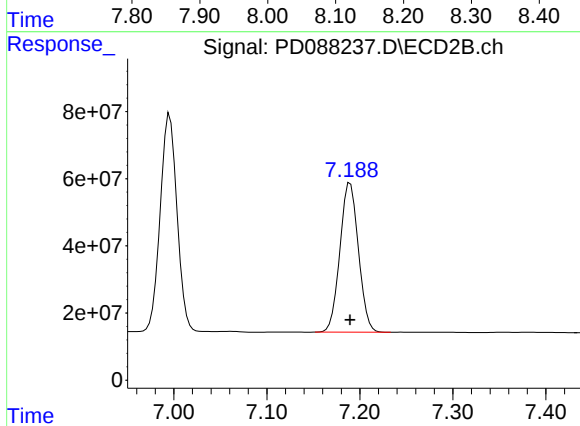
#21 Endrin ketone

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 814802514
Conc: 43.56 ng/ml



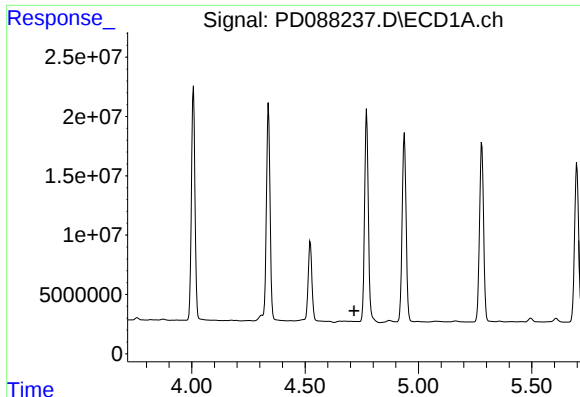
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.006 min
Response: 108287241
Conc: 46.11 ng/ml



#22 Mirex

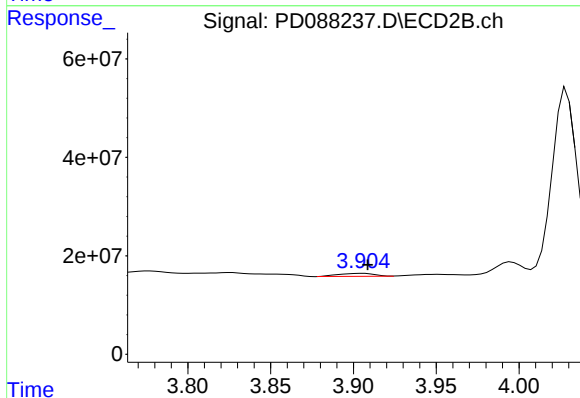
R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 615382212
Conc: 41.52 ng/ml



#23 Chlordane-1

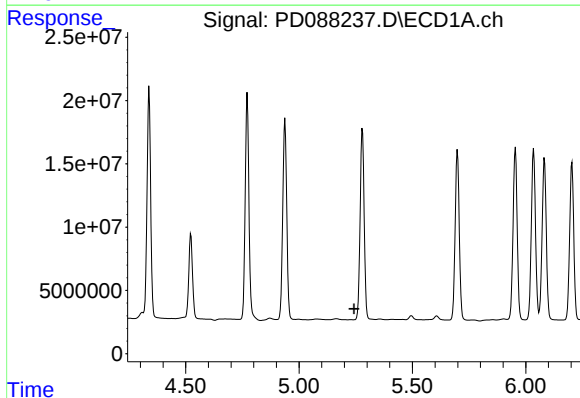
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



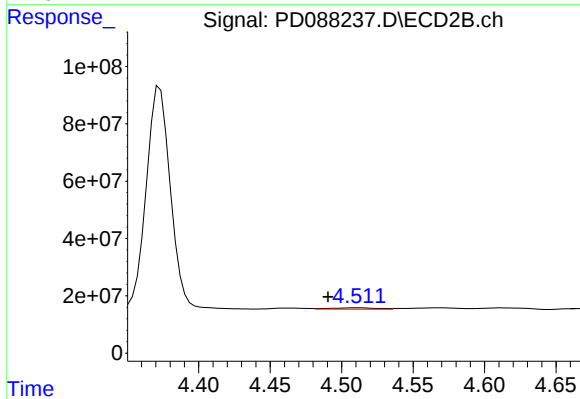
#23 Chlordane-1

R.T.: 3.906 min
Delta R.T.: -0.003 min
Response: 9391633
Conc: 11.71 ng/ml



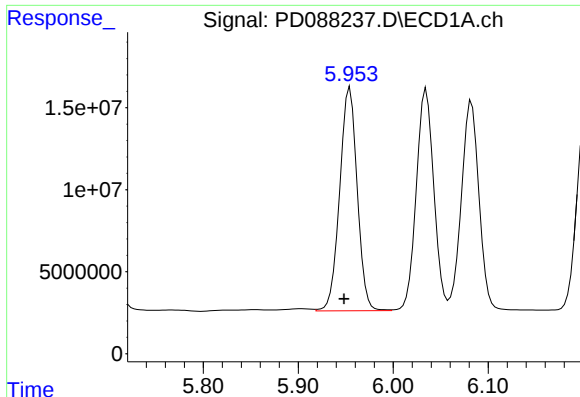
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.243 min
Response: 0
Conc: N.D.



#24 Chlordane-2

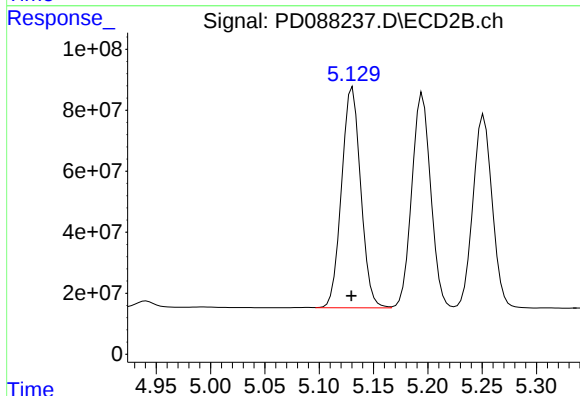
R.T.: 4.512 min
Delta R.T.: 0.021 min
Response: 9944097
Conc: 12.05 ng/ml



#25 Chlordane-3

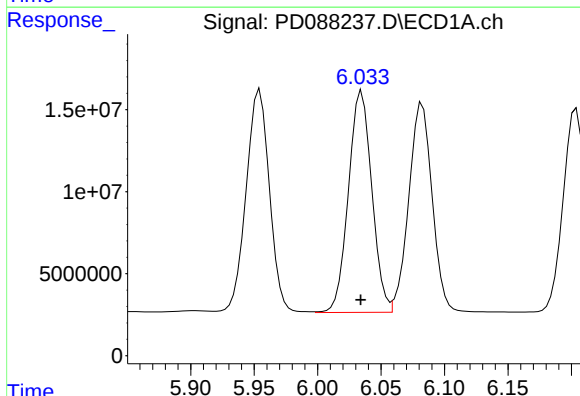
R.T.: 5.954 min
Delta R.T.: 0.006 min
Response: 174752755
Conc: 259.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



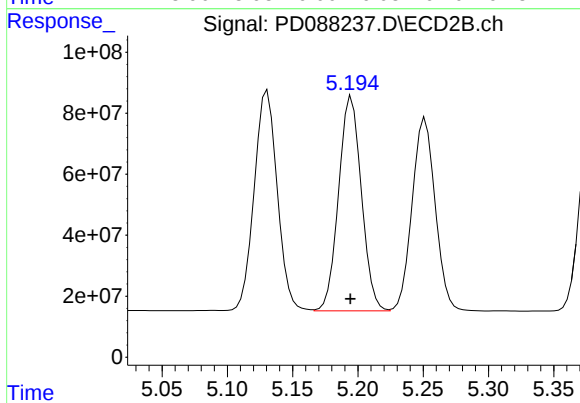
#25 Chlordane-3

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 888064315
Conc: 351.15 ng/ml



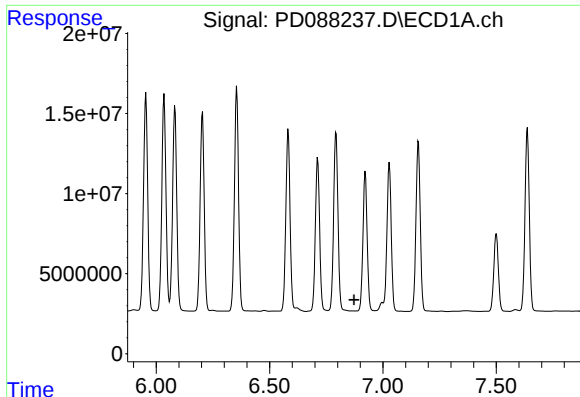
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 173016536
Conc: 212.21 ng/ml



#26 Chlordane-4

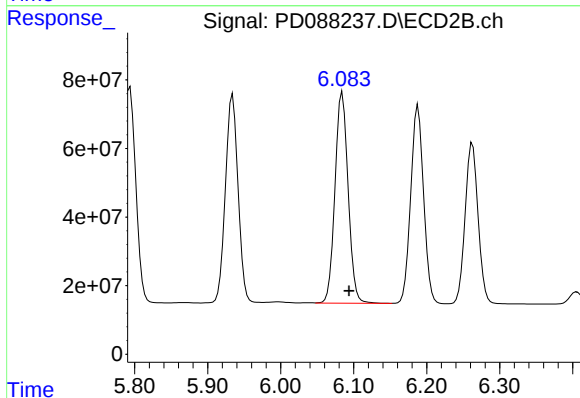
R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 854717969
Conc: 399.75 ng/ml



#27 Chlordane-5

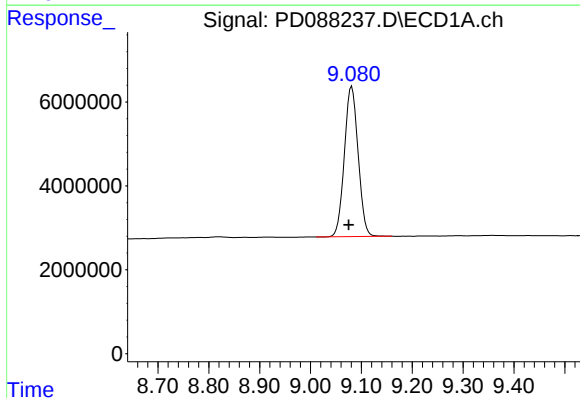
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD



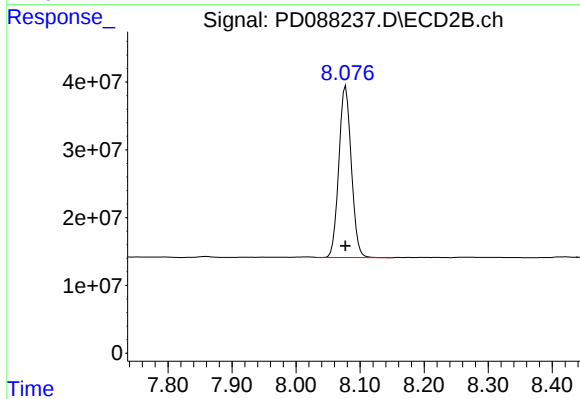
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.009 min
Response: 769110108
Conc: 796.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.006 min
Response: 67164397
Conc: 20.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 340807677
Conc: 18.44 ng/ml