

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088179.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 19:10
 Operator : AR\AJ
 Sample : Q1832-06MSD
 Misc :
 ALS Vial : 31 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 21 22:47:05 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...	3.552	2.884	36482154	246.4E6	18.265	16.853
28)	SA Decachlor...	9.074	8.077	59832613	288.4E6	18.087	15.608
Target Compounds							
2)	A alpha-BHC	4.001	3.396	462.8E6	1991.5E6	107.339	87.111
3)	MA gamma-BHC...	4.332	3.733	445.0E6	1837.3E6	106.258	85.302
4)	MA Heptachlor	4.932	4.086	395.2E6	1704.4E6	97.852	79.654
5)	MB Aldrin	5.273	4.372	382.0E6	1696.4E6	96.720	81.548
6)	B beta-BHC	4.517	4.028	157.0E6	787.1E6	96.730	85.050
7)	B delta-BHC	4.765	4.265	446.9E6	1853.9E6	108.345	87.194
8)	B Heptachlo...	5.693	4.876	359.0E6	1595.5E6	100.447	84.441
9)	A Endosulfan I	6.076	5.250	336.1E6	1505.3E6	99.517	83.570
10)	B gamma-Chl...	5.948	5.129	362.1E6	1723.8E6	99.958	84.932
11)	B alpha-Chl...	6.029	5.194	356.8E6	1650.4E6	98.850	84.195
12)	B 4,4'-DDE	6.198	5.379	327.9E6	1646.2E6	99.404	83.590
13)	MA Dieldrin	6.349	5.516	364.5E6	1679.8E6	102.152	84.271
14)	MA Endrin	6.576	5.792	302.3E6	1520.1E6	101.363	83.509
15)	B Endosulfa...	6.787	6.083	299.1E6	1454.0E6	95.677	82.984
16)	A 4,4'-DDD	6.707	5.932	254.5E6	1389.0E6	101.197	84.767
17)	MA 4,4'-DDT	7.022	6.187	265.2E6	1372.3E6	95.482	80.644
18)	B Endrin al...	6.916	6.262	222.0E6	1092.6E6	96.178	82.143
19)	B Endosulfa...	7.150	6.486	279.4E6	1393.3E6	97.142	81.323
20)	A Methoxychlor	7.494	6.758	129.8E6	693.7E6	86.557	76.057
21)	B Endrin ke...	7.631	6.995	294.6E6	1481.4E6	95.461	79.200
22)	Mirex	8.115	7.189	201.9E6	1115.9E6	85.989	75.292
23)	Chlordane-1	0.000	3.905	0	10858121	N.D.	13.544 #
24)	Chlordane-2	0.000	4.510	0	8295048	N.D.	10.051 #
25)	Chlordane-3	5.948	5.129	362.1E6	1723.8E6	536.750	681.596 #
26)	Chlordane-4	6.029	5.194	356.8E6	1650.4E6	437.625	771.904 #
27)	Chlordane-5	0.000	6.083	0	1454.0E6	N.D.	1505.929 #

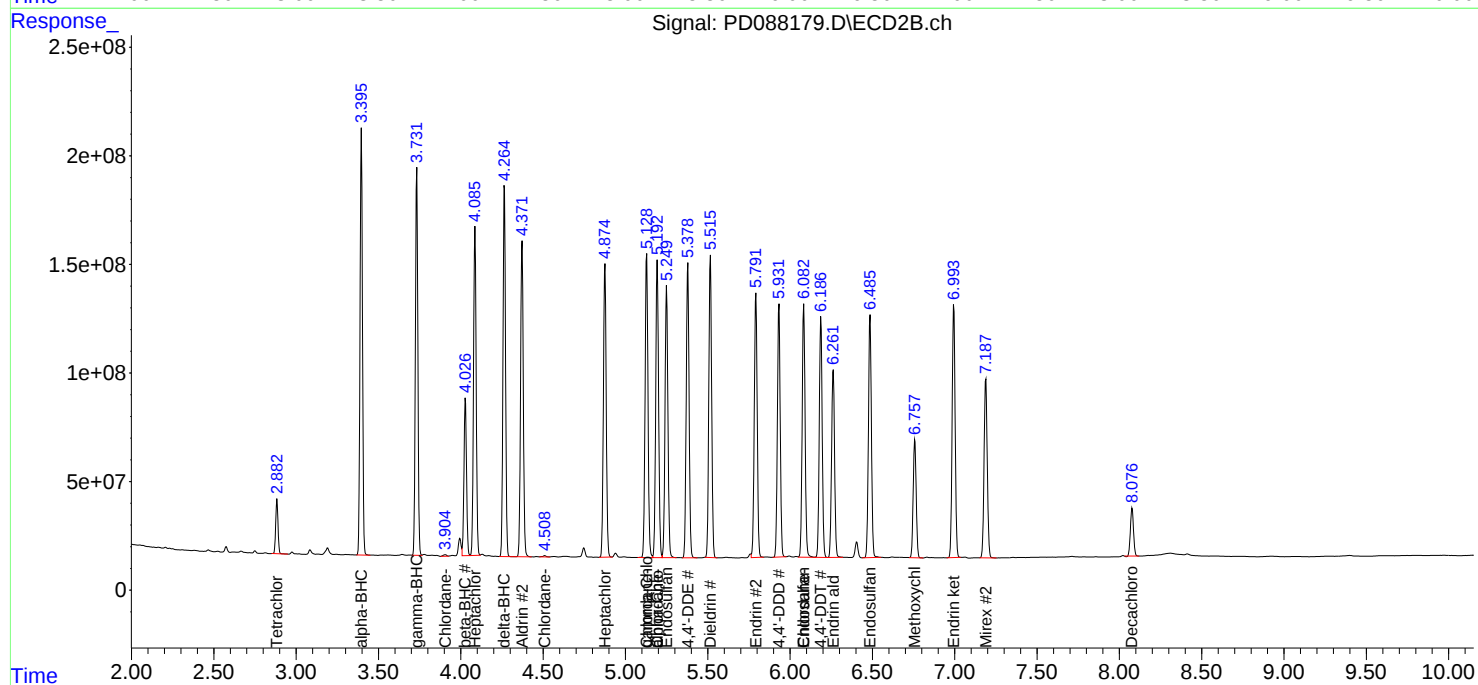
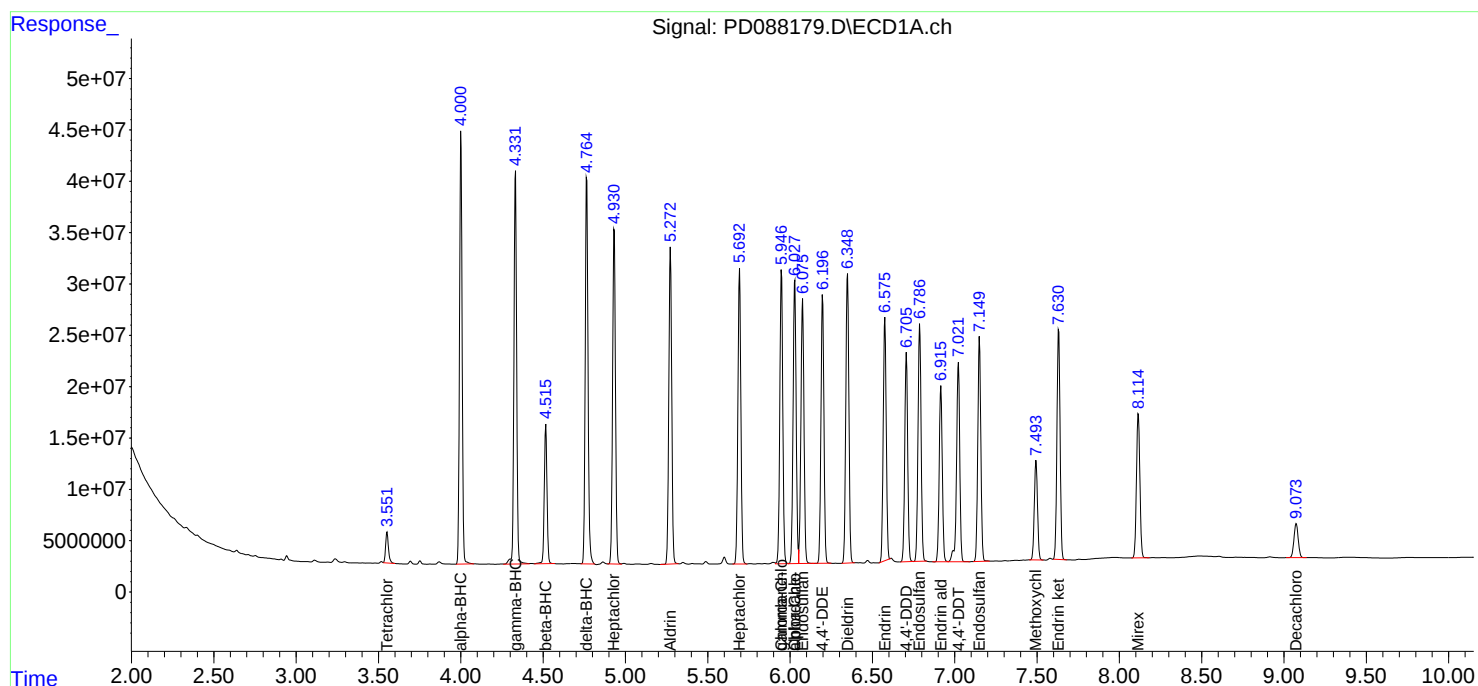
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

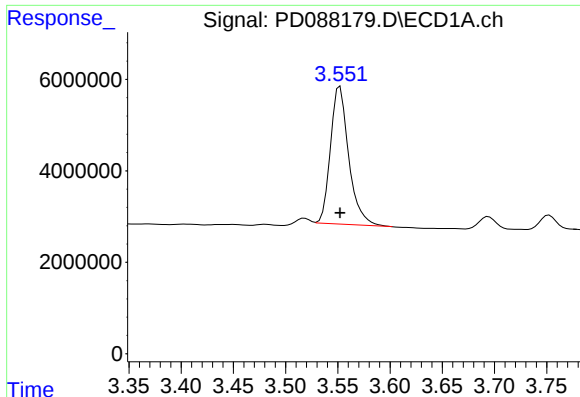
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
Data File : PD088179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2025 19:10
Operator : AR\AJ
Sample : Q1832-06MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 22:47:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

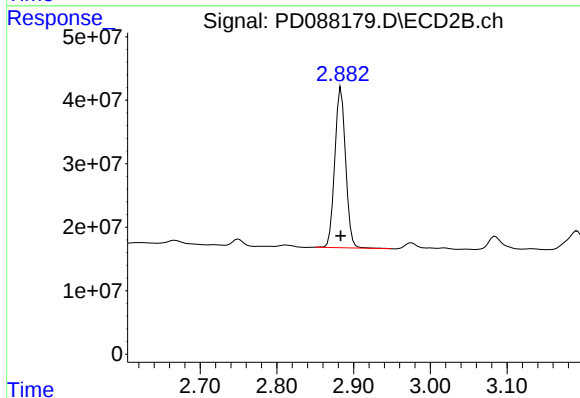




#1 Tetrachloro-m-xylene

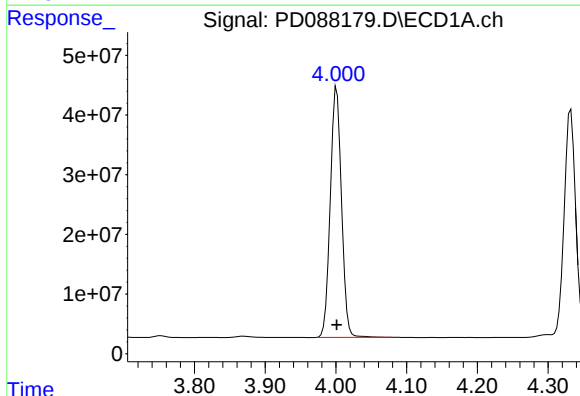
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 36482154
Conc: 18.26 ng/ml

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



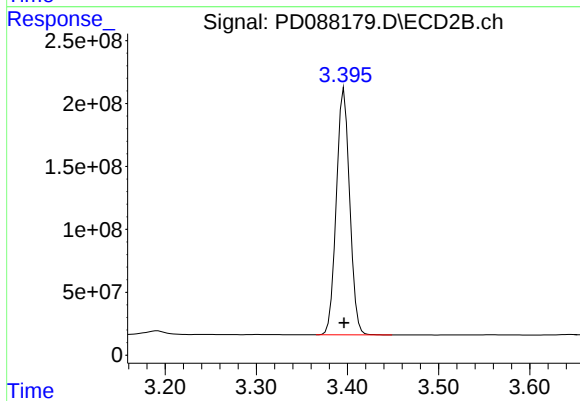
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 246414834
Conc: 16.85 ng/ml



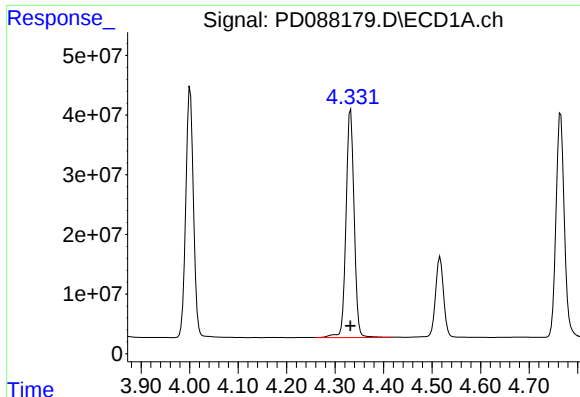
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 462846193
Conc: 107.34 ng/ml



#2 alpha-BHC

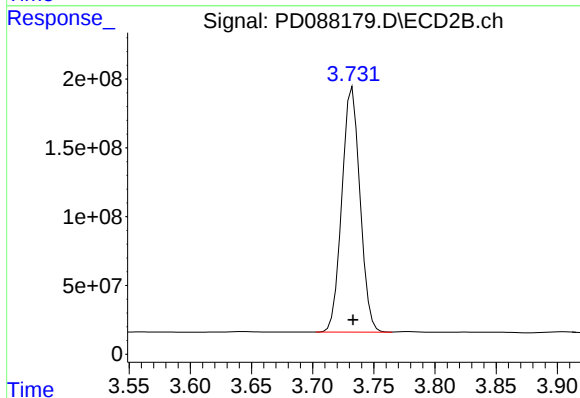
R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 1991497817
Conc: 87.11 ng/ml



#3 gamma-BHC (Lindane)

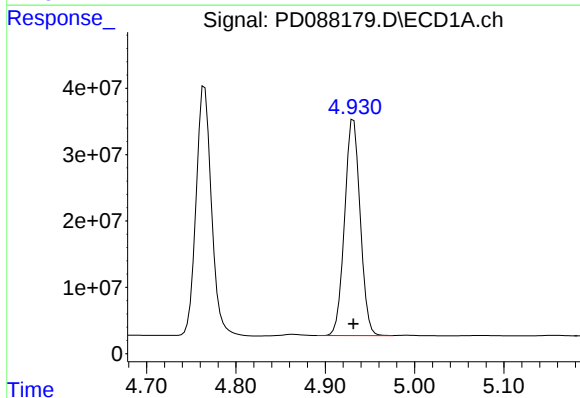
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 444955807
Conc: 106.26 ng/ml

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



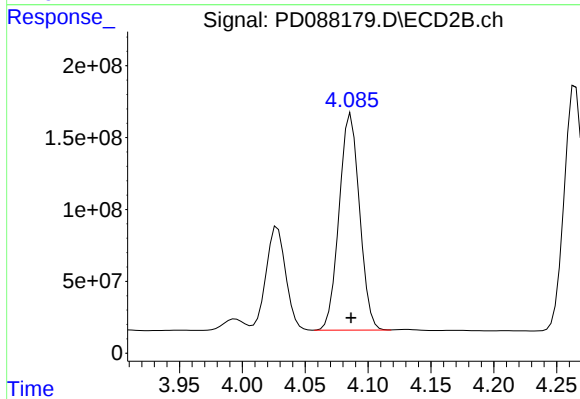
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 1837292561
Conc: 85.30 ng/ml



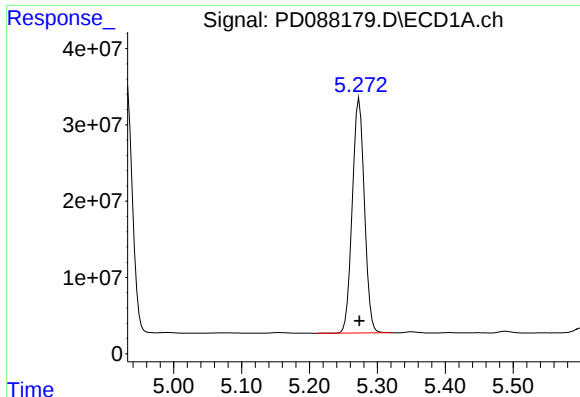
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 395219879
Conc: 97.85 ng/ml



#4 Heptachlor

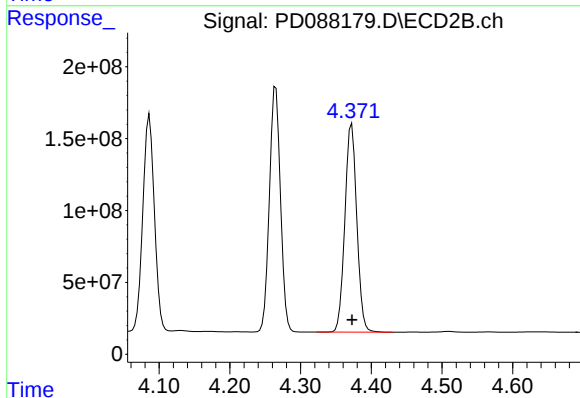
R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 1704444305
Conc: 79.65 ng/ml



#5 Aldrin

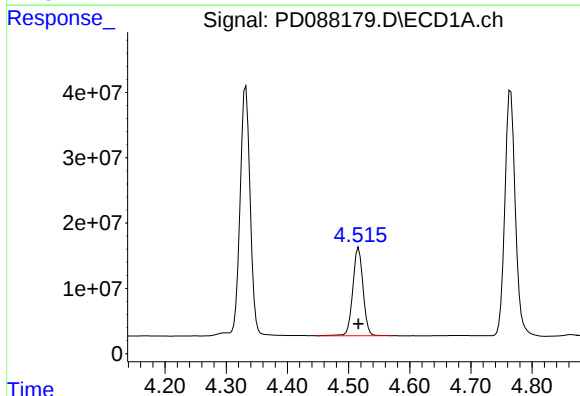
R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 382002328
Conc: 96.72 ng/ml

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



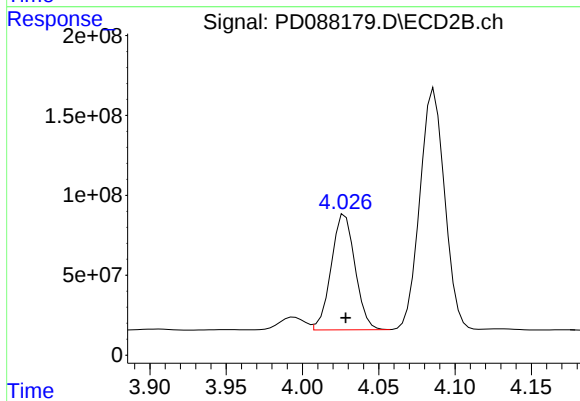
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 1696418874
Conc: 81.55 ng/ml



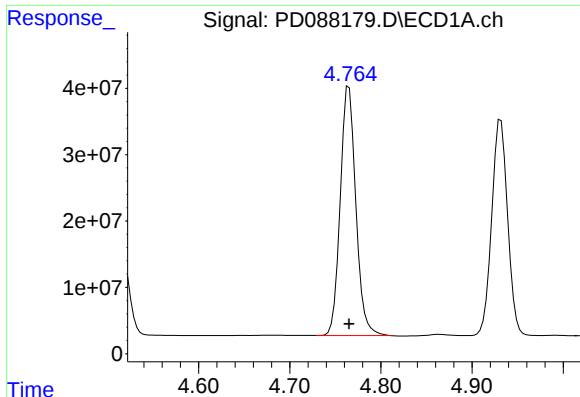
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 157030067
Conc: 96.73 ng/ml



#6 beta-BHC

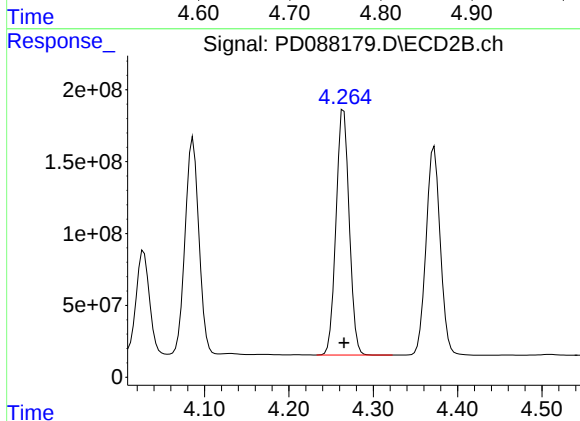
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 787065926
Conc: 85.05 ng/ml



#7 delta-BHC

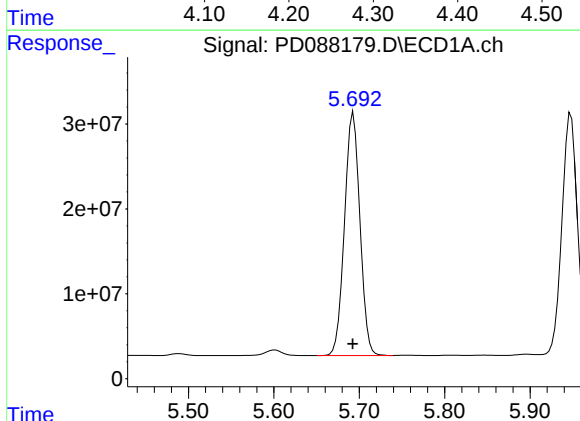
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 446922207
Conc: 108.35 ng/ml

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



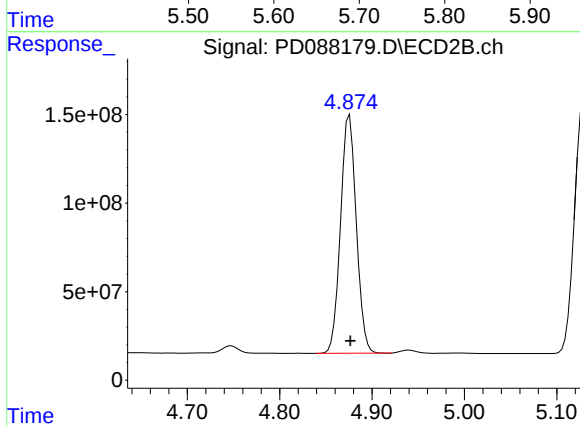
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1853891289
Conc: 87.19 ng/ml



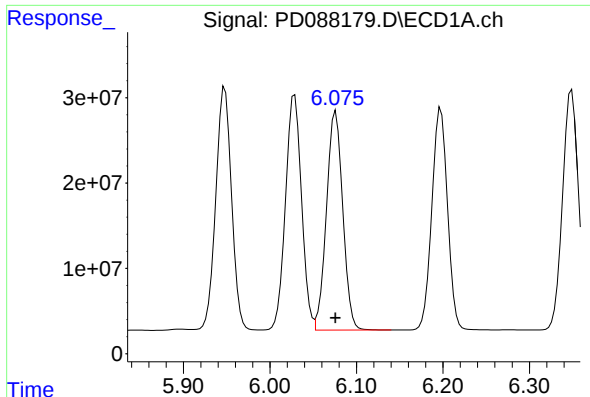
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 358991178
Conc: 100.45 ng/ml



#8 Heptachlor epoxide

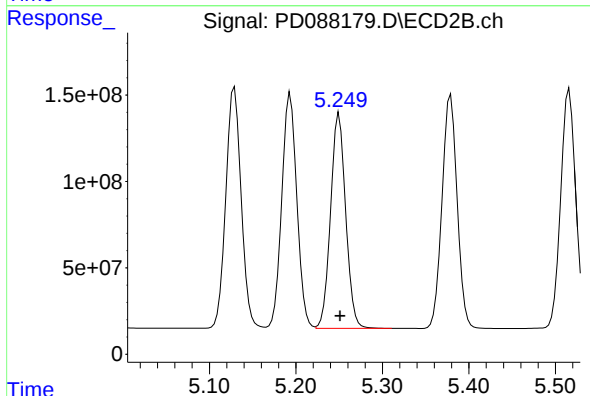
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 1595463816
Conc: 84.44 ng/ml



#9 Endosulfan I

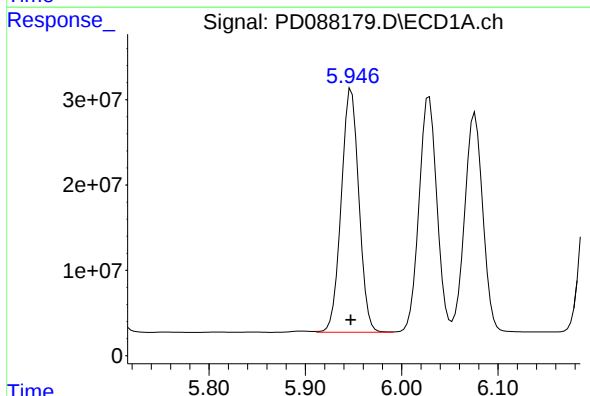
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 336085009
Conc: 99.52 ng/ml

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



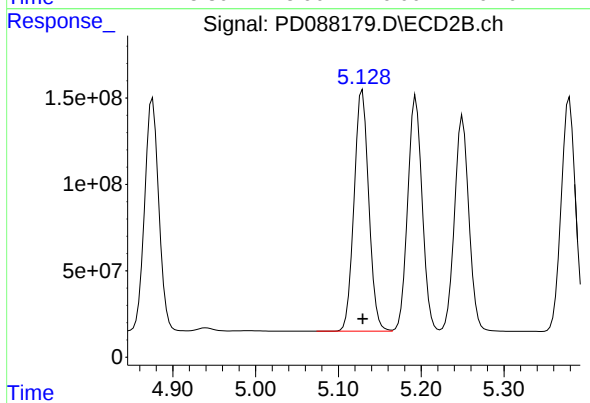
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: -0.001 min
Response: 1505307737
Conc: 83.57 ng/ml



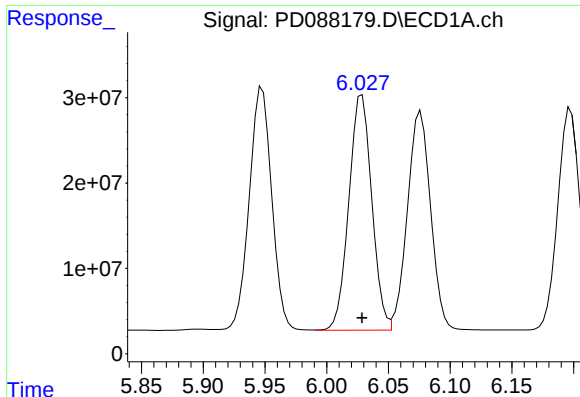
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 362053763
Conc: 99.96 ng/ml



#10 gamma-Chlordane

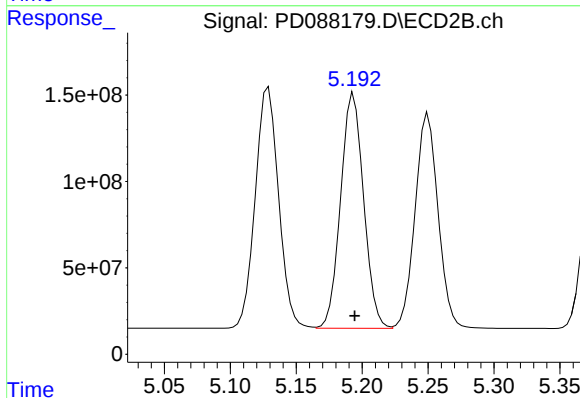
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1723785290
Conc: 84.93 ng/ml



#11 alpha-Chlordane

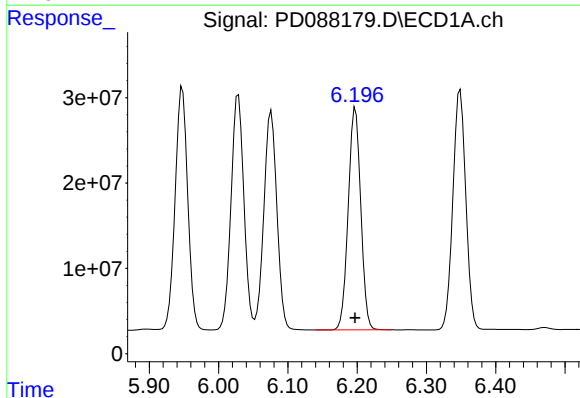
R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 356807057
Conc: 98.85 ng/ml

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



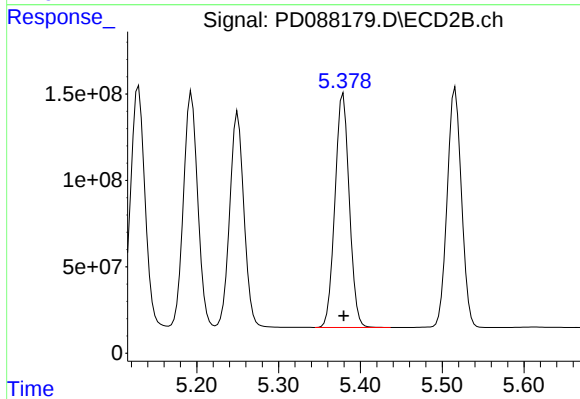
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 1650449713
Conc: 84.19 ng/ml



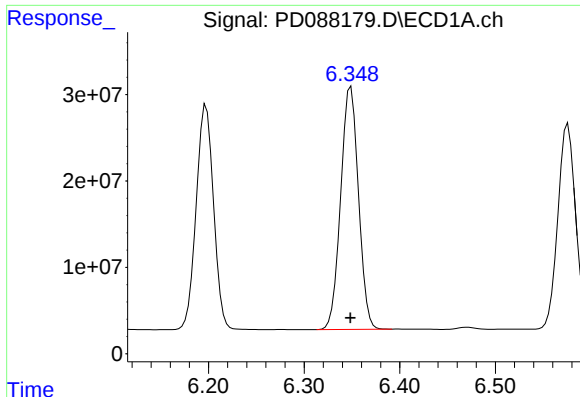
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 327859355
Conc: 99.40 ng/ml



#12 4,4'-DDE

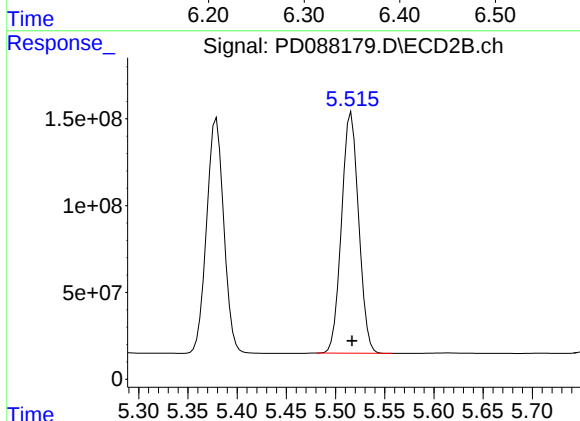
R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 1646212054
Conc: 83.59 ng/ml



#13 Dieldrin

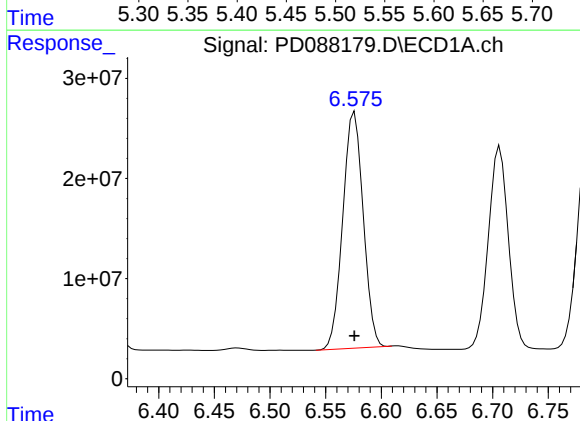
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 364529994
Conc: 102.15 ng/ml

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



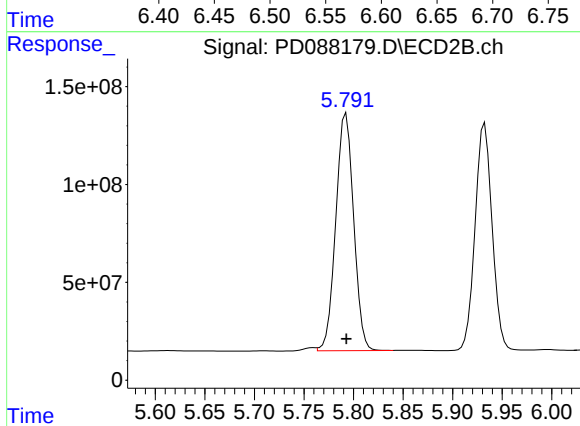
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 1679757168
Conc: 84.27 ng/ml



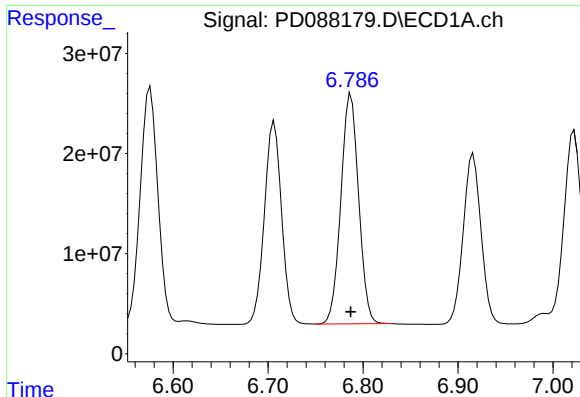
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 302322191
Conc: 101.36 ng/ml



#14 Endrin

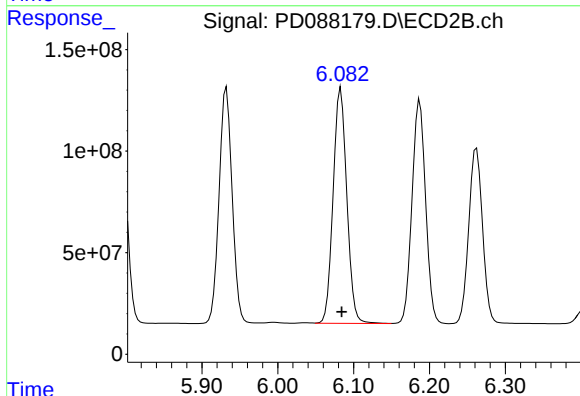
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 1520064348
Conc: 83.51 ng/ml



#15 Endosulfan II

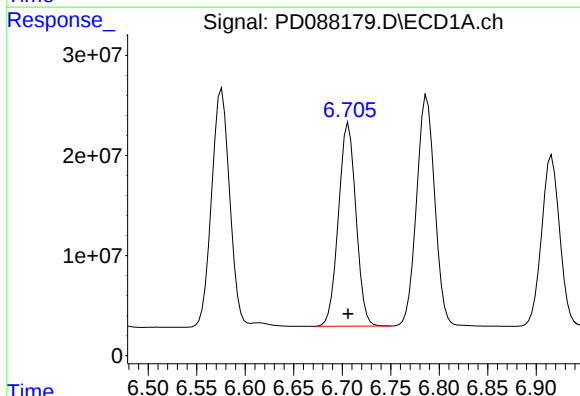
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 299108328
Conc: 95.68 ng/ml

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



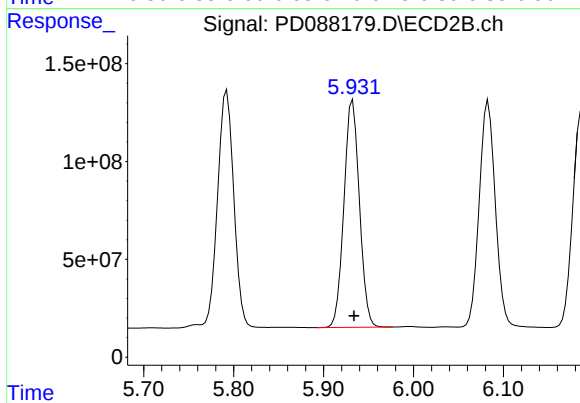
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 1454011941
Conc: 82.98 ng/ml



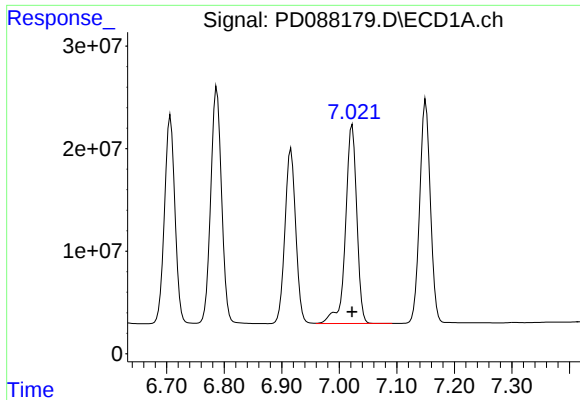
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 254505235
Conc: 101.20 ng/ml



#16 4,4'-DDD

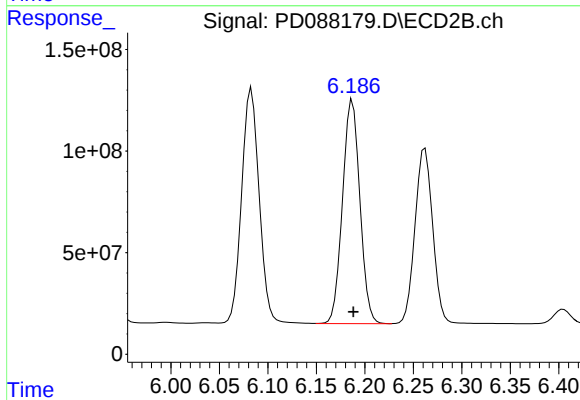
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 1389012221
Conc: 84.77 ng/ml



#17 4,4'-DDT

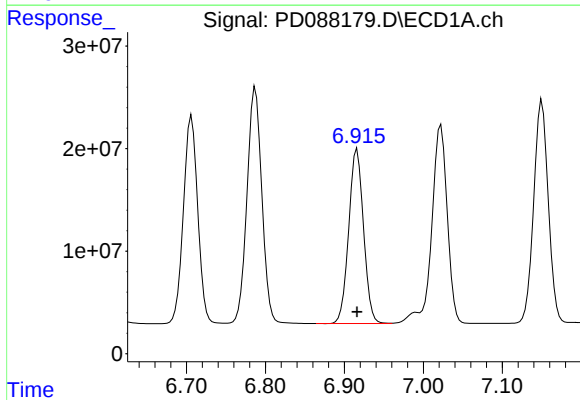
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 265204638
Conc: 95.48 ng/ml

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



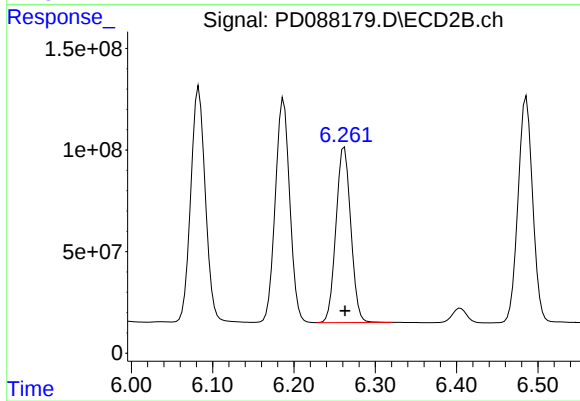
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 1372285294
Conc: 80.64 ng/ml



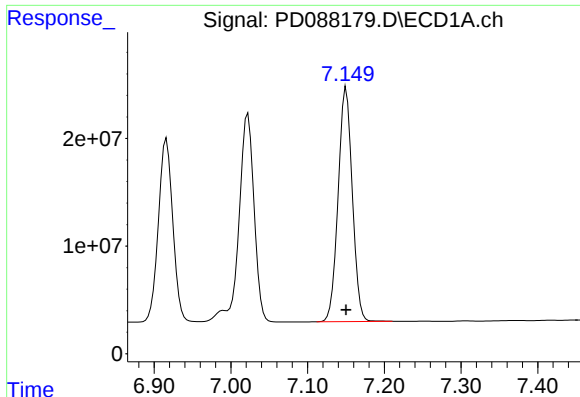
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 221976648
Conc: 96.18 ng/ml



#18 Endrin aldehyde

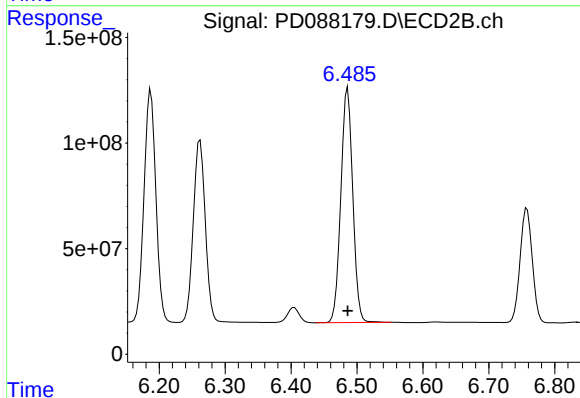
R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 1092585138
Conc: 82.14 ng/ml



#19 Endosulfan Sulfate

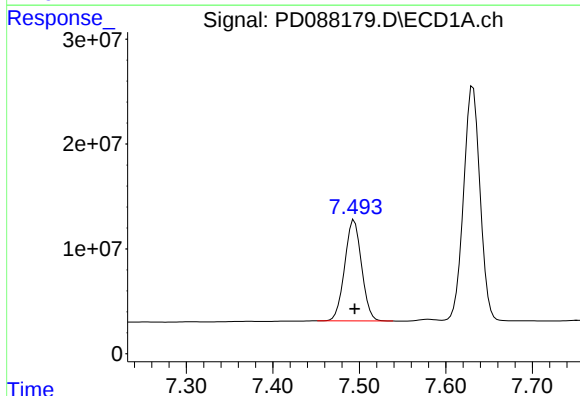
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 279364108
Conc: 97.14 ng/ml

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



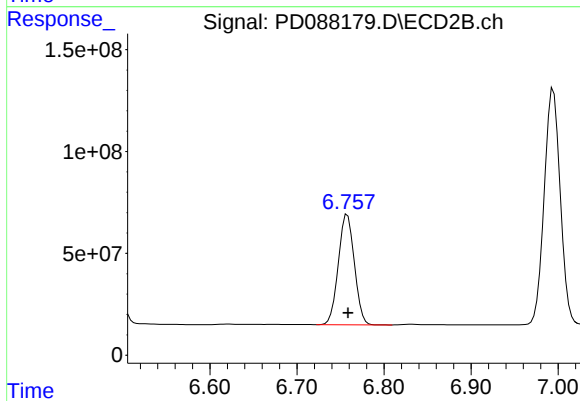
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 1393330566
Conc: 81.32 ng/ml



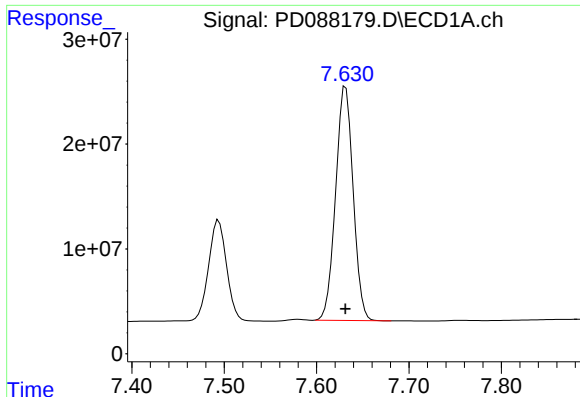
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 129796836
Conc: 86.56 ng/ml



#20 Methoxychlor

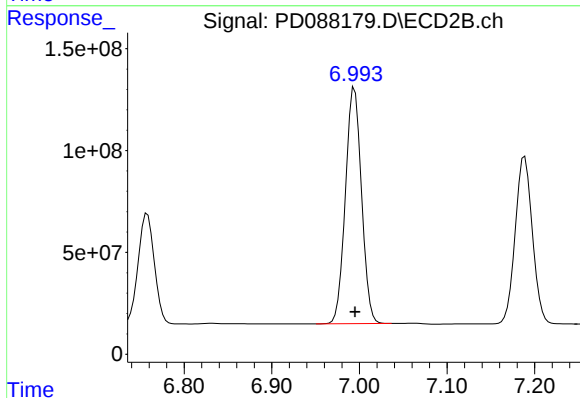
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 693723834
Conc: 76.06 ng/ml



#21 Endrin ketone

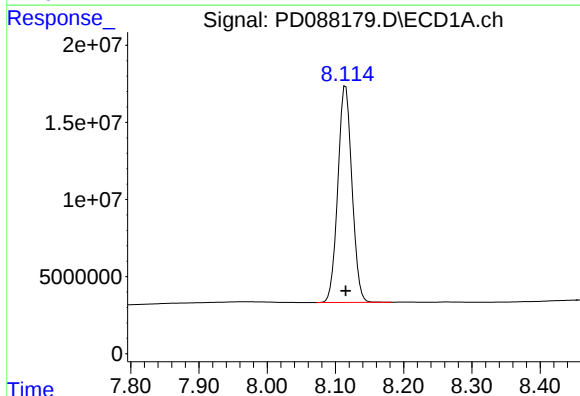
R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 294648538
Conc: 95.46 ng/ml

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



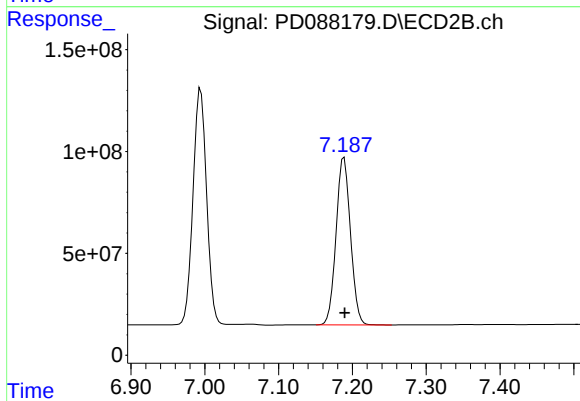
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 1481365708
Conc: 79.20 ng/ml



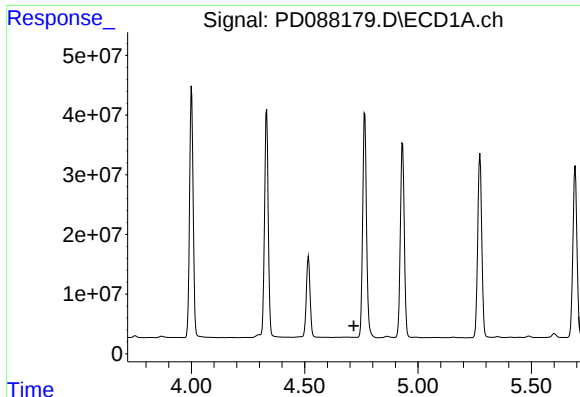
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 201930889
Conc: 85.99 ng/ml



#22 Mirex

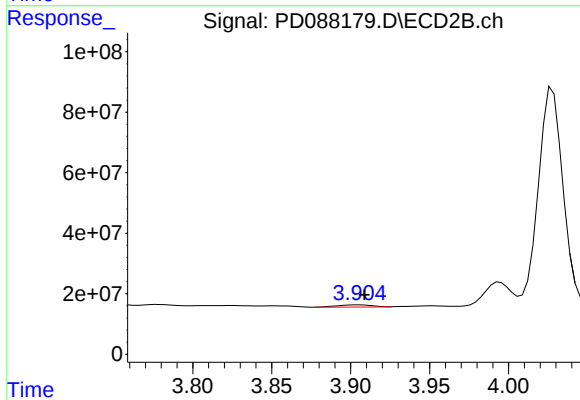
R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 1115901930
Conc: 75.29 ng/ml



#23 Chlordane-1

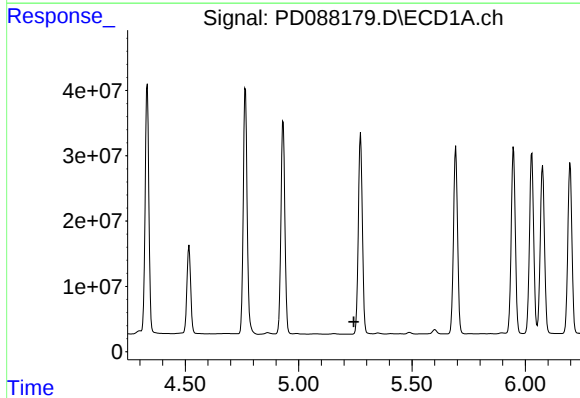
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

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



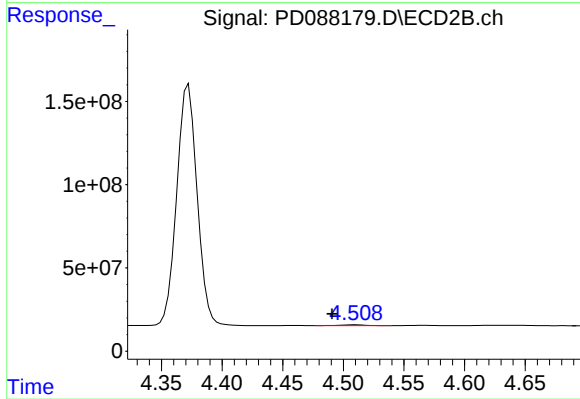
#23 Chlordane-1

R.T.: 3.905 min
Delta R.T.: -0.003 min
Response: 10858121
Conc: 13.54 ng/ml



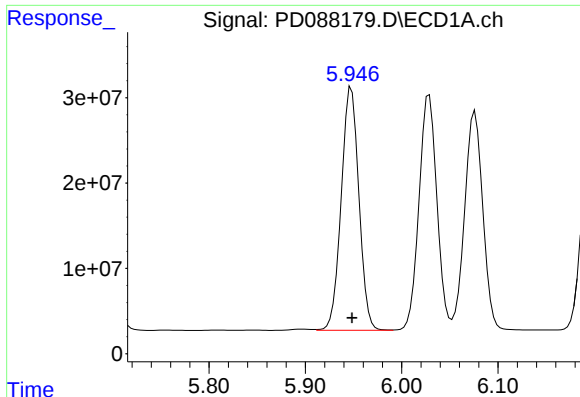
#24 Chlordane-2

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



#24 Chlordane-2

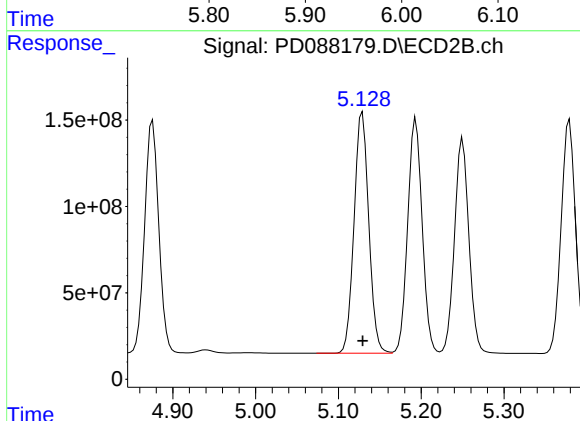
R.T.: 4.510 min
Delta R.T.: 0.019 min
Response: 8295048
Conc: 10.05 ng/ml



#25 Chlordane-3

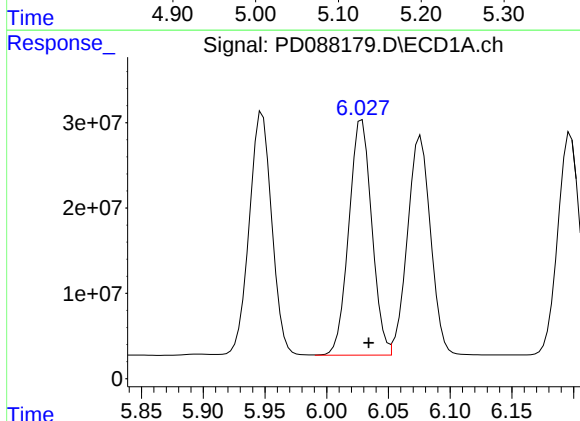
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 362053763
Conc: 536.75 ng/ml

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



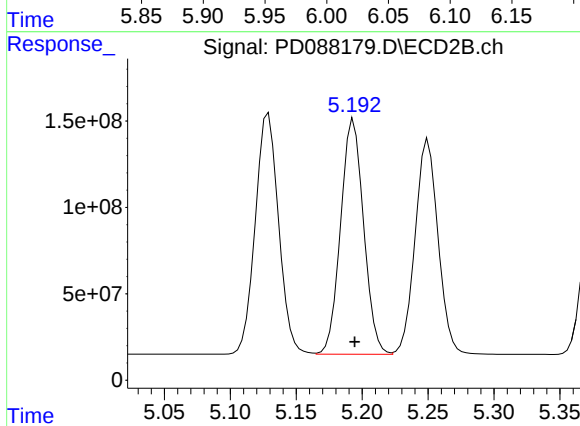
#25 Chlordane-3

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1723785290
Conc: 681.60 ng/ml



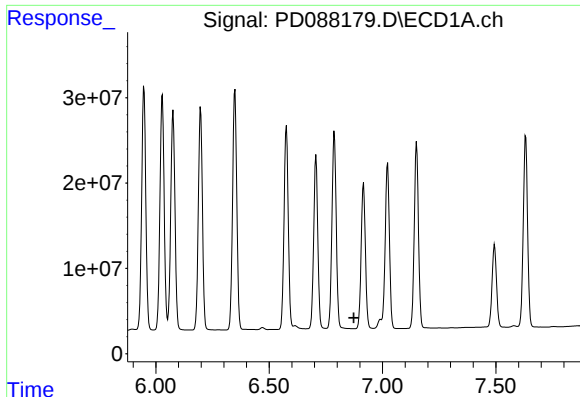
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 356807057
Conc: 437.62 ng/ml



#26 Chlordane-4

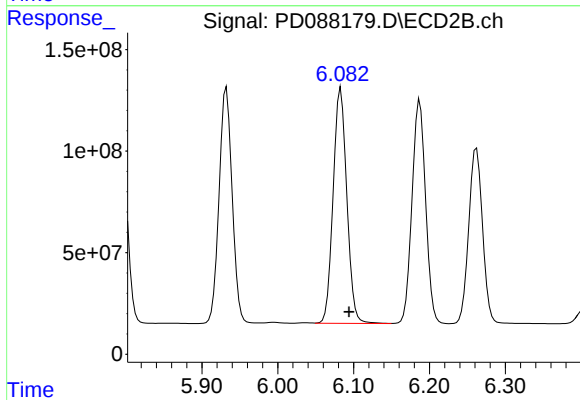
R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 1650449713
Conc: 771.90 ng/ml



#27 Chlordane-5

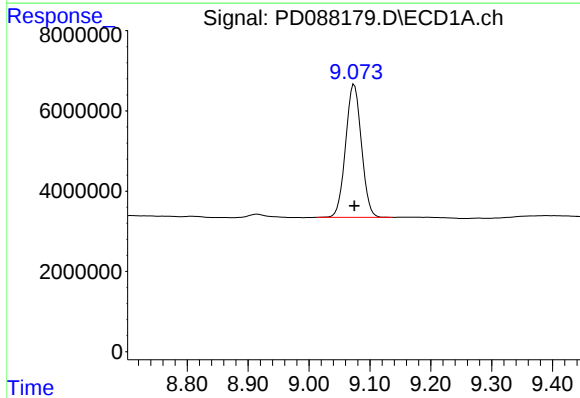
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

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



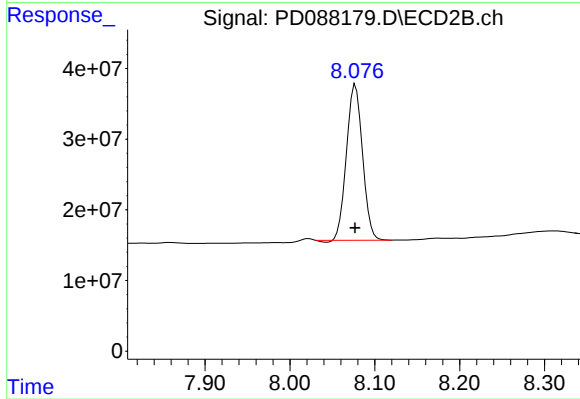
#27 Chlordane-5

R.T.: 6.083 min
Delta R.T.: -0.011 min
Response: 1454011941
Conc: 1505.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 59832613
Conc: 18.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 288433051
Conc: 15.61 ng/ml