

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
 Data File : PD091329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 09:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 00:45:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.542	2.871	68521273	788.8E6	19.869	21.535
28)	SA Decachlor...	9.061	8.055	100.7E6	914.2E6	20.204	23.100
Target Compounds							
2)	A alpha-BHC	3.991	3.382	67524122	658.3E6	8.445	10.416
3)	MA gamma-BHC...	4.322	3.718	65012418	612.3E6	8.700	10.590
4)	MA Heptachlor	4.942f	4.075	1633690	2744155	0.228	0.050 #
5)	MB Aldrin	5.245f	4.357	349389	12159232	0.048	0.215 #
6)	B beta-BHC	4.509	4.015	28106862	256.0E6	9.674	10.654
7)	B delta-BHC	4.769	4.247	6062088	1546935	0.816	0.026 #
8)	B Heptachlo...	5.671	0.000	5289076	0	0.814	N.D. #
9)	A Endosulfan I	6.085f	5.211f	279265	23236009	0.045	0.486 #
10)	B gamma-Chl...	5.905f	5.112	2140464	95145662	0.329	1.742 #
11)	B alpha-Chl...	5.993f	5.170	10637040	50191649	1.545	0.959 #
12)	B 4,4'-DDE	6.187	5.361	749067	39885494	0.129	0.746 #
13)	MA Dieldrin	6.359f	5.497	1847275	664487	0.286	0.012 #
14)	MA Endrin	6.564	5.775	238.8E6	2370.6E6	48.107	52.456
15)	B Endosulfa...	6.762f	6.073	4099489	20812311	0.737	0.446 #
16)	A 4,4'-DDD	6.696	5.915	21905134	223.6E6	4.460	4.576
17)	MA 4,4'-DDT	7.012	6.169	400.4E6	4239.6E6	96.827	108.341
18)	B Endrin al...	6.907	6.244	4576959	45264843	1.099	1.283
19)	B Endosulfa...	0.000	6.442f	0	11935300	N.D.	0.266 #
20)	A Methoxychlor	7.485	6.739	486.9E6	4341.4E6	223.953	216.515
21)	B Endrin ke...	7.621	6.976	11877697	122.0E6	2.108	2.395
22)	Mirex	0.000	7.162	0	9859848	N.D.	0.298 #
23)	Chlordane-1	0.000	3.890	0	831140	N.D.	0.483 #
24)	Chlordane-2	5.245	4.476	349389	56564178	1.415	32.303 #
25)	Chlordane-3	0.000	5.112	0	95145662	N.D.	16.537 #
26)	Chlordane-4	0.000	5.170	0	50191649	N.D.	10.493 #
27)	Chlordane-5	6.860	6.073	1214039	20812311	6.145	10.256 #

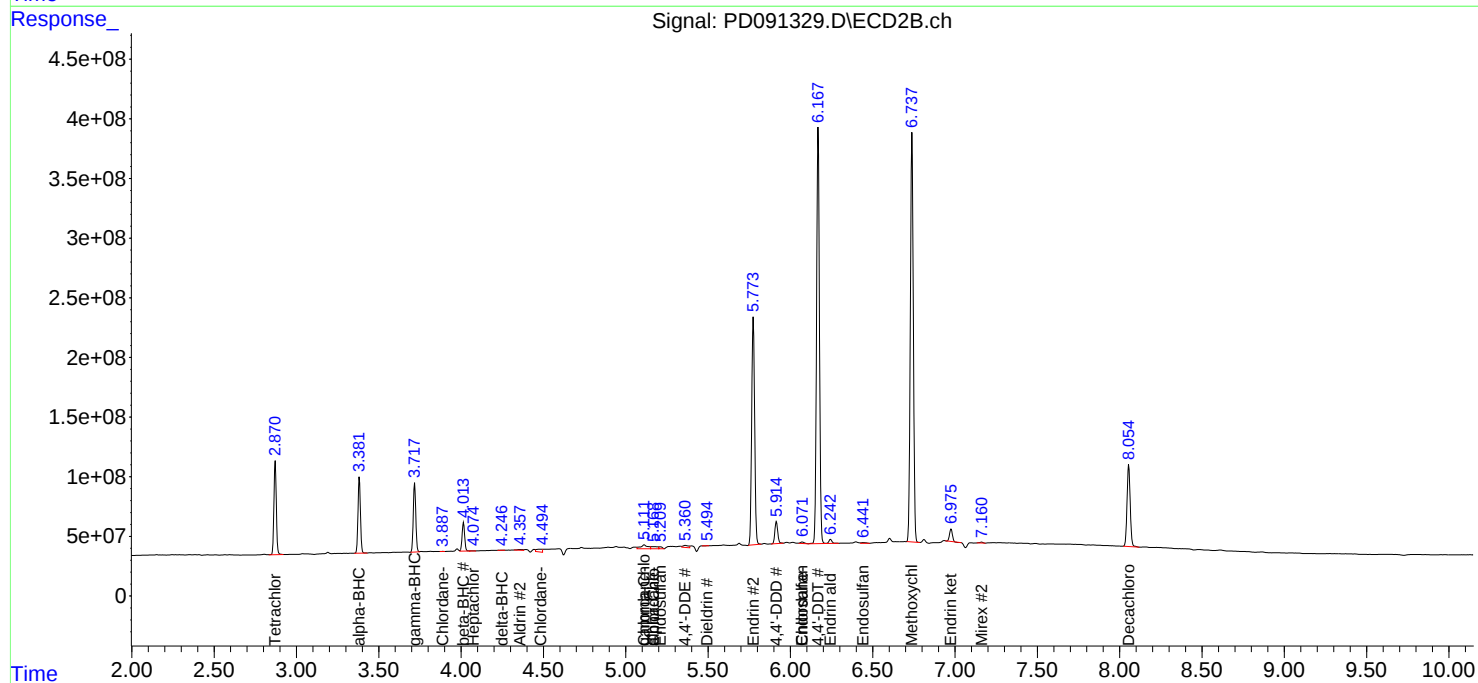
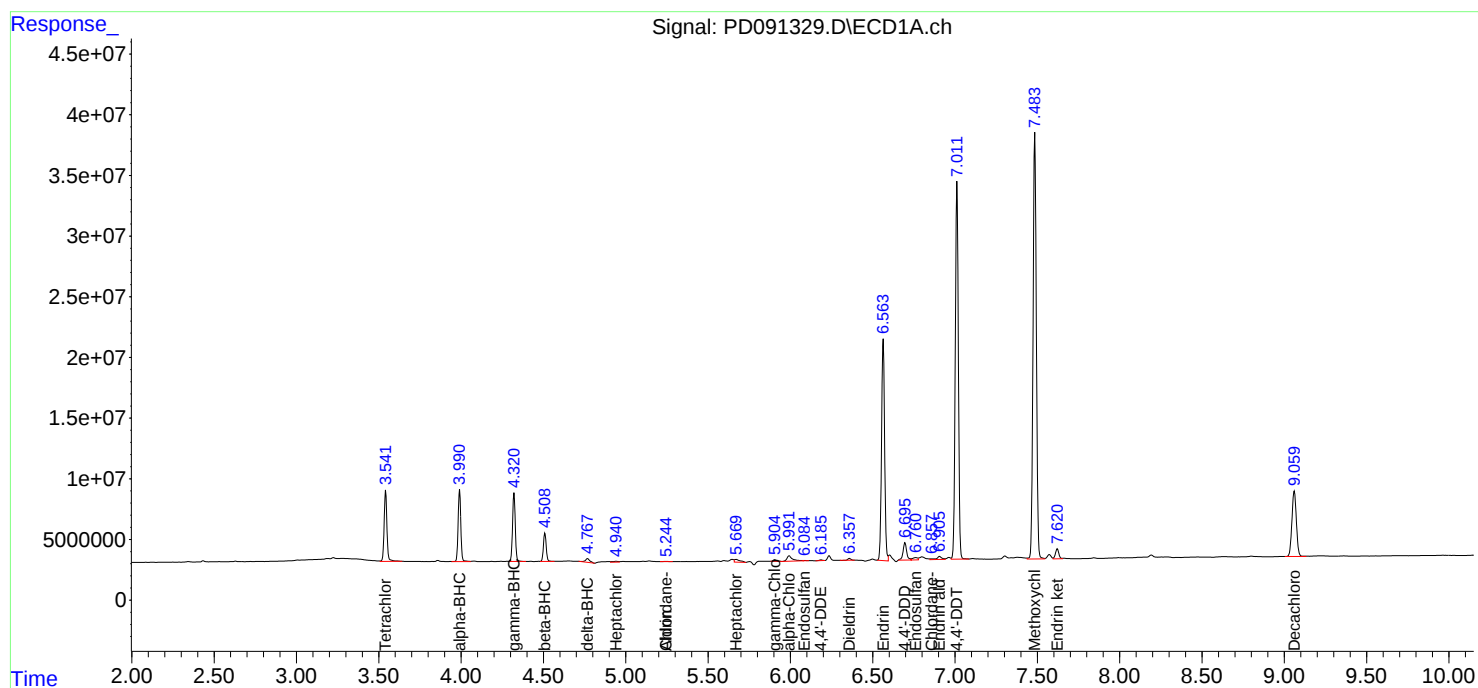
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

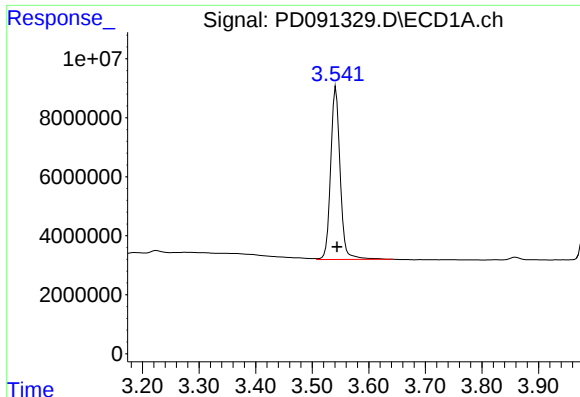
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 09:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:45:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

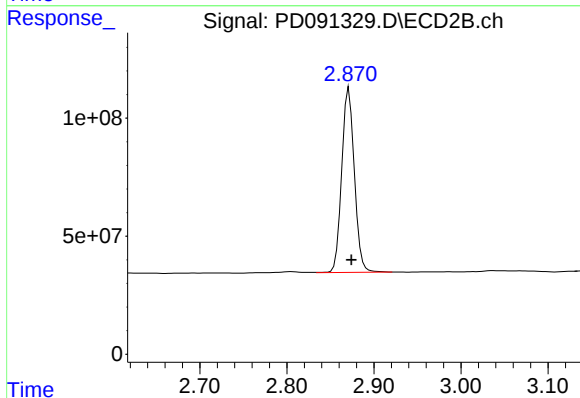




#1 Tetrachloro-m-xylene

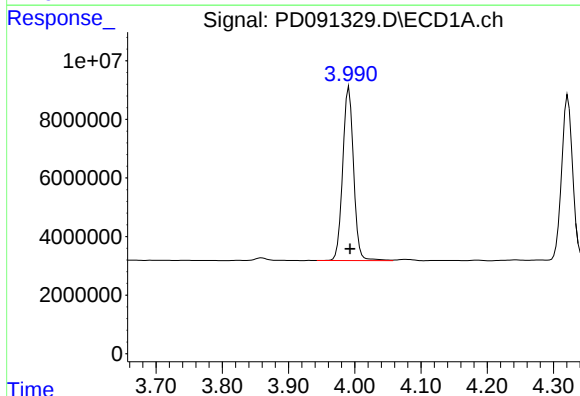
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 68521273
Conc: 19.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



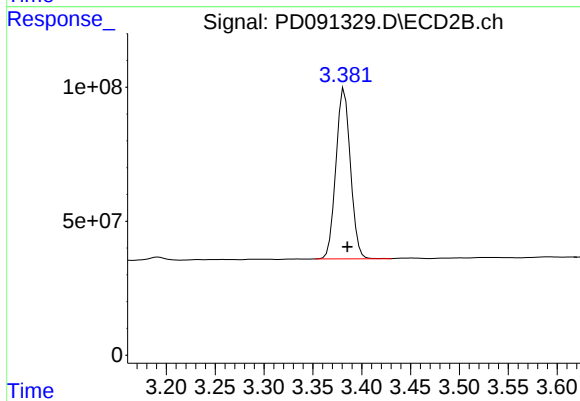
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 788833912
Conc: 21.54 ng/ml



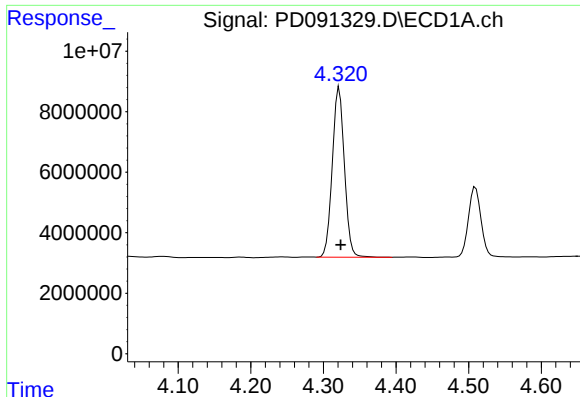
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 67524122
Conc: 8.45 ng/ml



#2 alpha-BHC

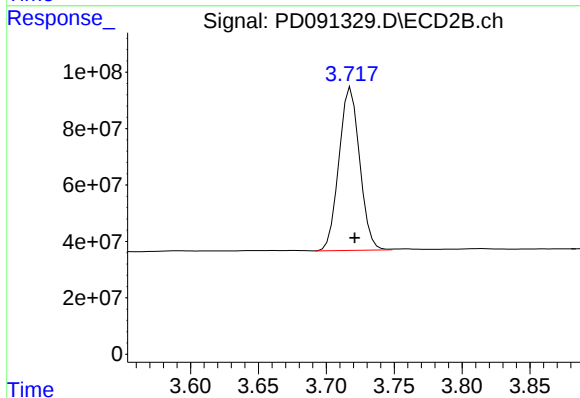
R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 658334534
Conc: 10.42 ng/ml



#3 gamma-BHC (Lindane)

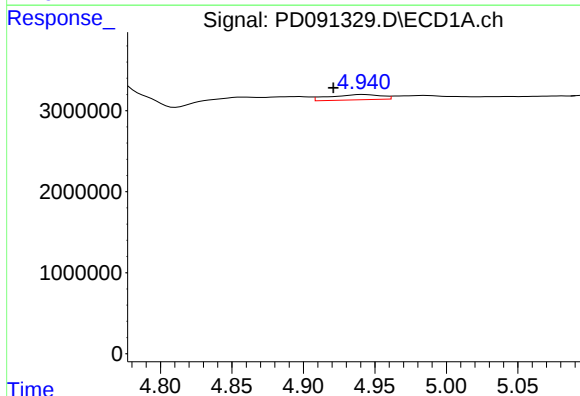
R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 65012418
Conc: 8.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



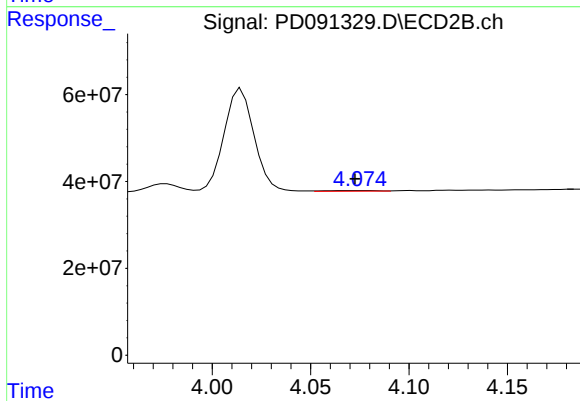
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 612348810
Conc: 10.59 ng/ml



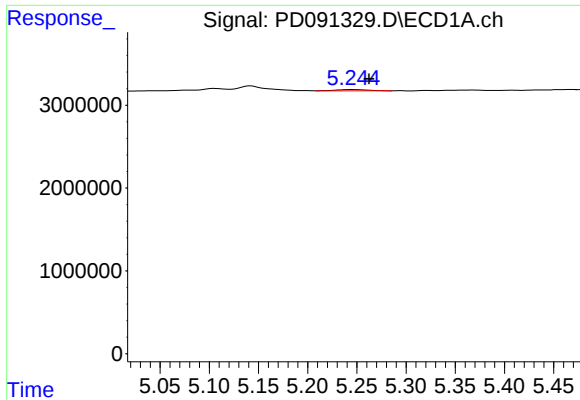
#4 Heptachlor

R.T.: 4.942 min
Delta R.T.: 0.021 min
Response: 1633690
Conc: 0.23 ng/ml



#4 Heptachlor

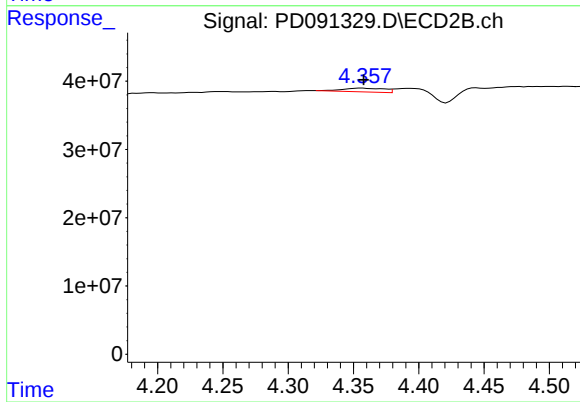
R.T.: 4.075 min
Delta R.T.: 0.003 min
Response: 2744155
Conc: 0.05 ng/ml



#5 Aldrin

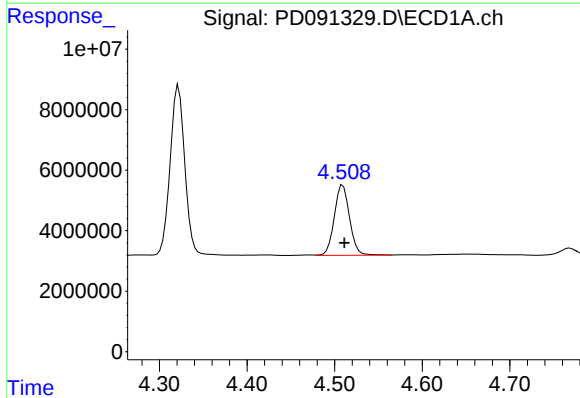
R.T.: 5.245 min
Delta R.T.: -0.017 min
Response: 349389
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



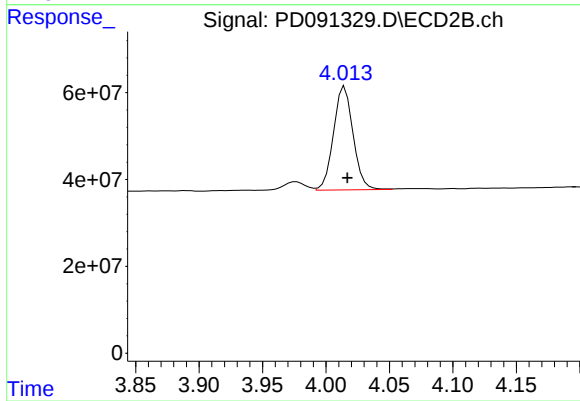
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 12159232
Conc: 0.22 ng/ml



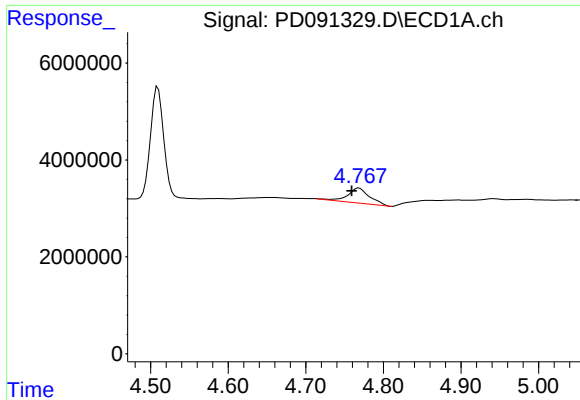
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 28106862
Conc: 9.67 ng/ml



#6 beta-BHC

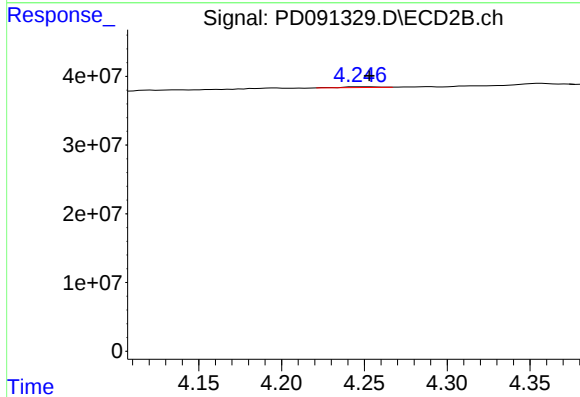
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 255979235
Conc: 10.65 ng/ml



#7 delta-BHC

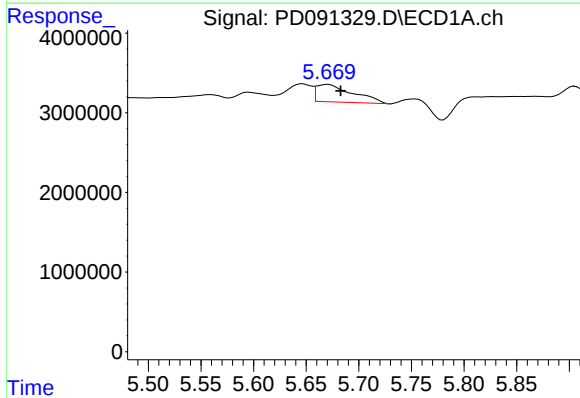
R.T.: 4.769 min
Delta R.T.: 0.009 min
Response: 6062088
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



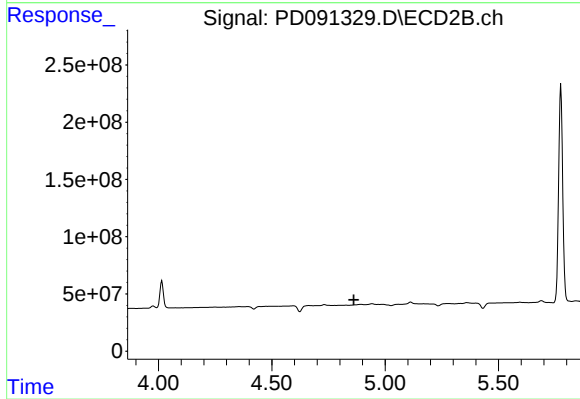
#7 delta-BHC

R.T.: 4.247 min
Delta R.T.: -0.006 min
Response: 1546935
Conc: 0.03 ng/ml



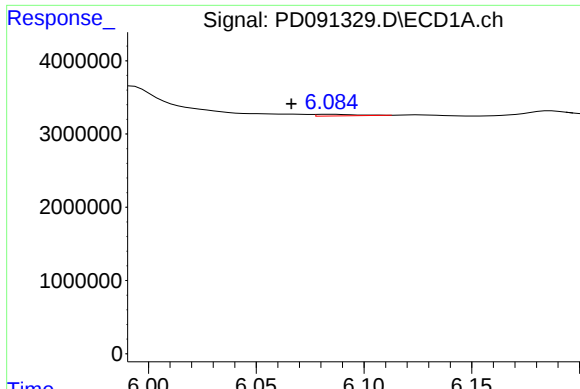
#8 Heptachlor epoxide

R.T.: 5.671 min
Delta R.T.: -0.012 min
Response: 5289076
Conc: 0.81 ng/ml



#8 Heptachlor epoxide

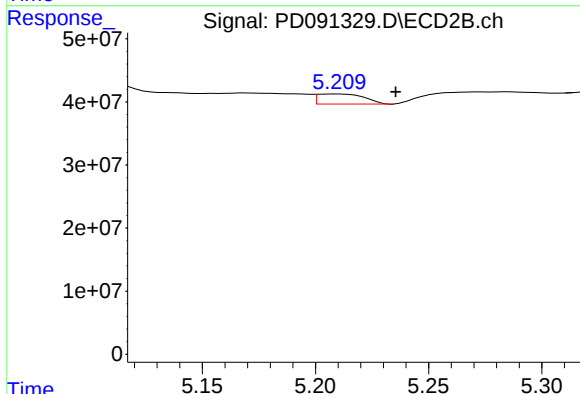
R.T.: 0.000 min
Exp R.T. : 4.862 min
Response: 0
Conc: N.D.



#9 Endosulfan I

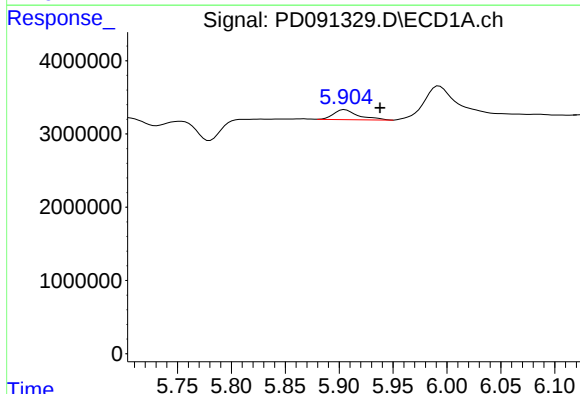
R.T.: 6.085 min
Delta R.T.: 0.019 min
Response: 279265
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



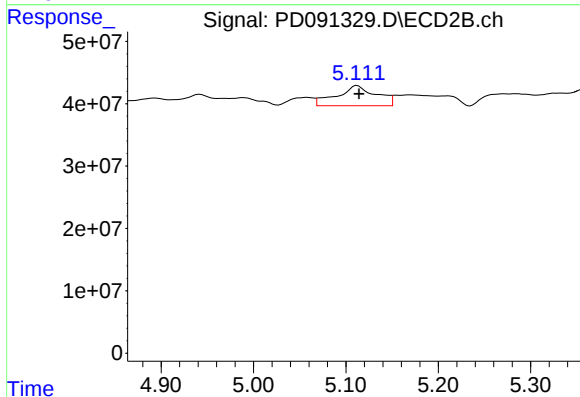
#9 Endosulfan I

R.T.: 5.211 min
Delta R.T.: -0.025 min
Response: 23236009
Conc: 0.49 ng/ml



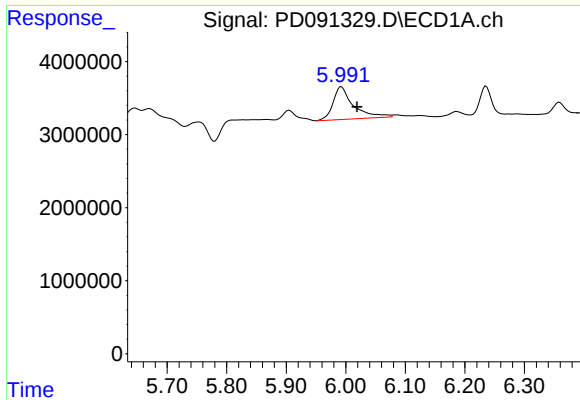
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: -0.033 min
Response: 2140464
Conc: 0.33 ng/ml



#10 gamma-Chlordane

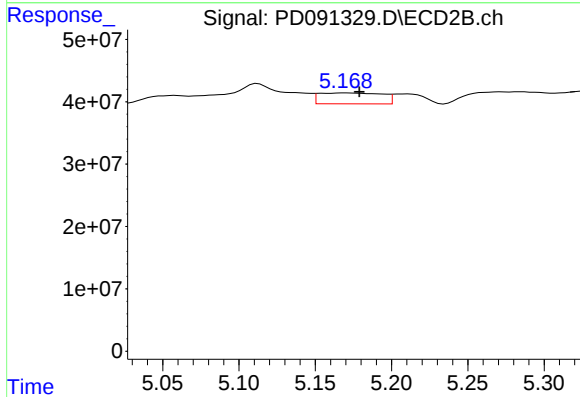
R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 95145662
Conc: 1.74 ng/ml



#11 alpha-Chlordane

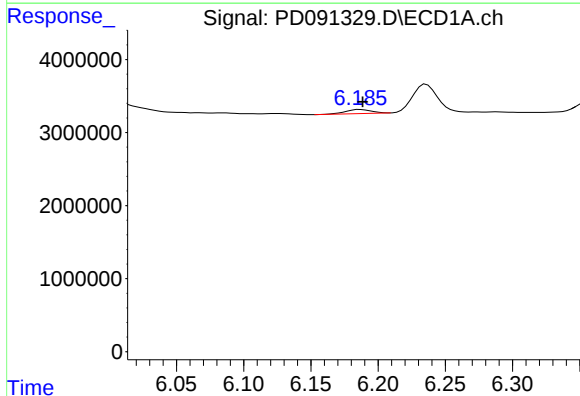
R.T.: 5.993 min
Delta R.T.: -0.026 min
Response: 10637040
Conc: 1.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



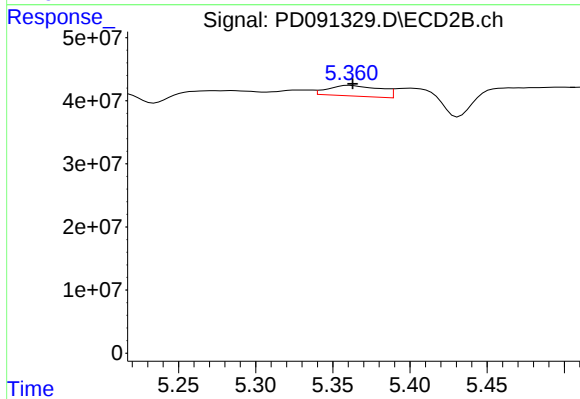
#11 alpha-Chlordane

R.T.: 5.170 min
Delta R.T.: -0.009 min
Response: 50191649
Conc: 0.96 ng/ml



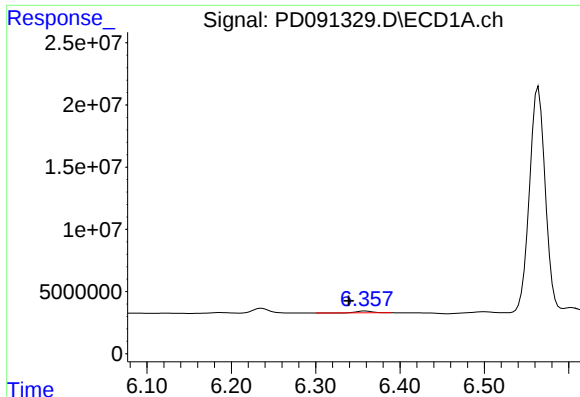
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 749067
Conc: 0.13 ng/ml



#12 4,4'-DDE

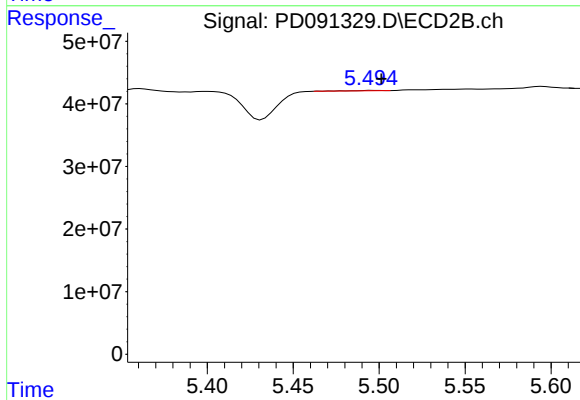
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 39885494
Conc: 0.75 ng/ml



#13 Dieldrin

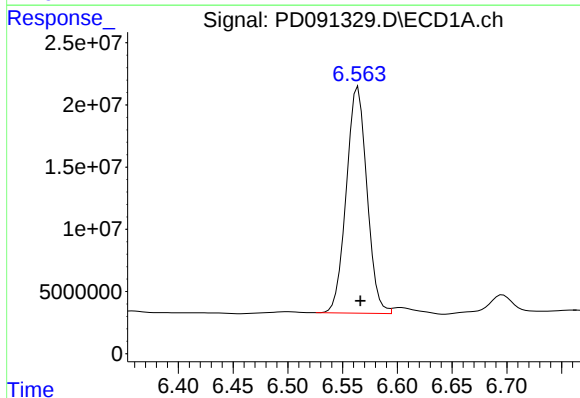
R.T.: 6.359 min
Delta R.T.: 0.020 min
Response: 1847275
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



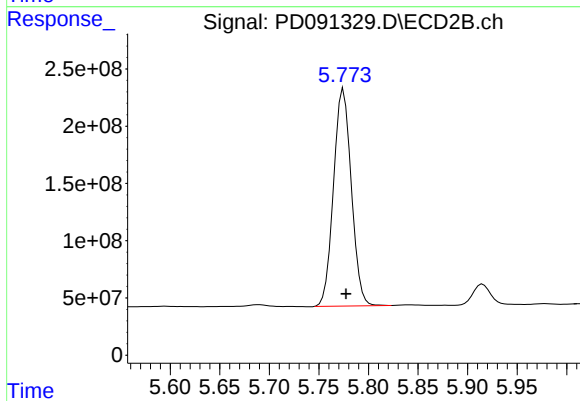
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: -0.005 min
Response: 664487
Conc: 0.01 ng/ml



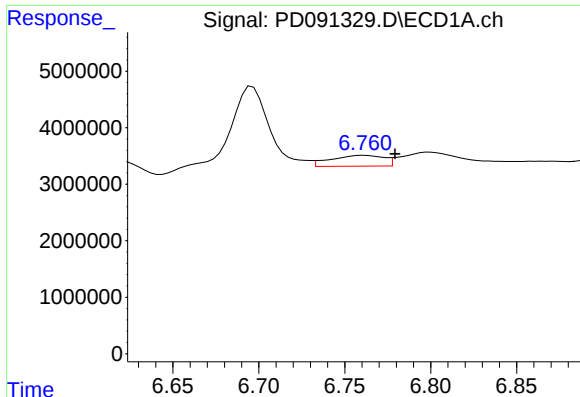
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 238776495
Conc: 48.11 ng/ml



#14 Endrin

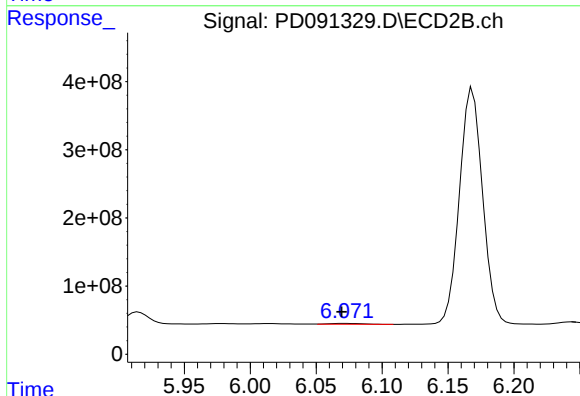
R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 2370617007
Conc: 52.46 ng/ml



#15 Endosulfan II

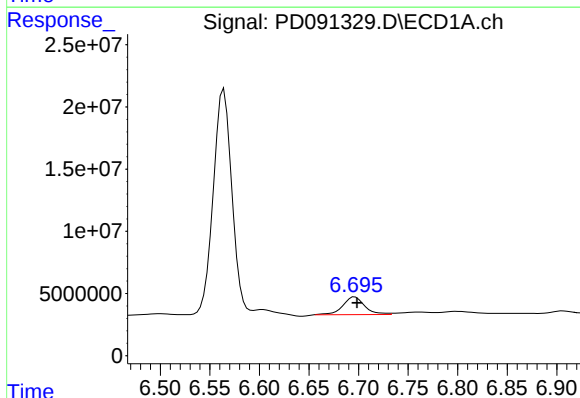
R.T.: 6.762 min
Delta R.T.: -0.018 min
Response: 4099489
Conc: 0.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



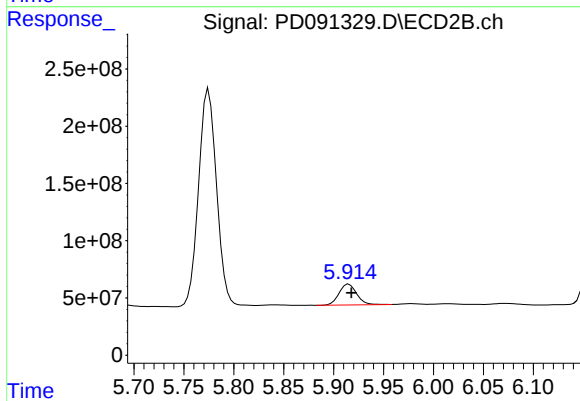
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.003 min
Response: 20812311
Conc: 0.45 ng/ml



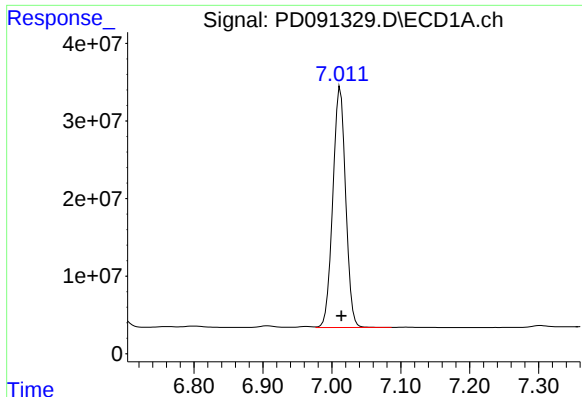
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 21905134
Conc: 4.46 ng/ml



#16 4,4'-DDD

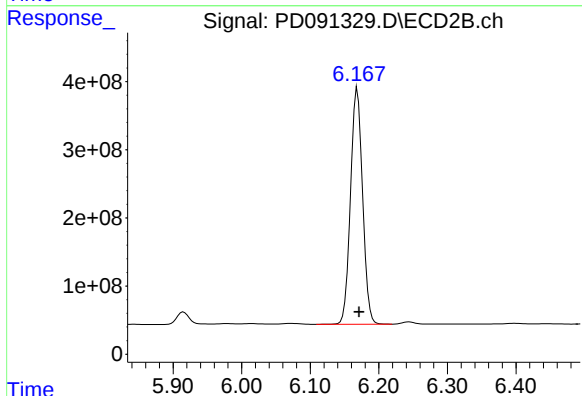
R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 223616301
Conc: 4.58 ng/ml



#17 4,4'-DDT

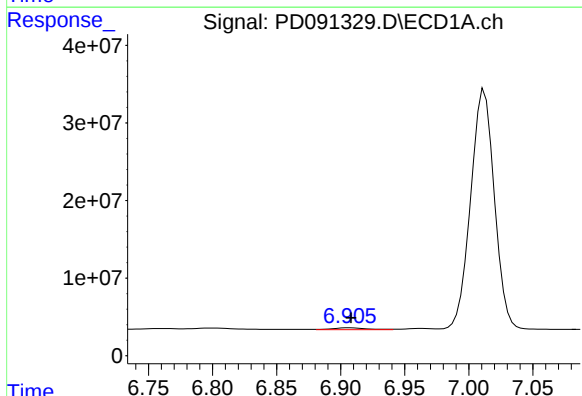
R.T.: 7.012 min
Delta R.T.: -0.002 min
Response: 400429632
Conc: 96.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



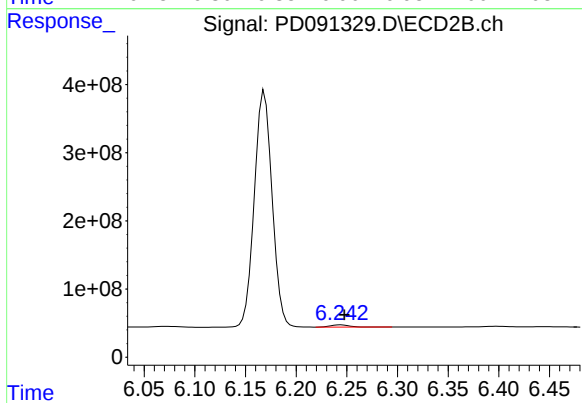
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 4239640485
Conc: 108.34 ng/ml



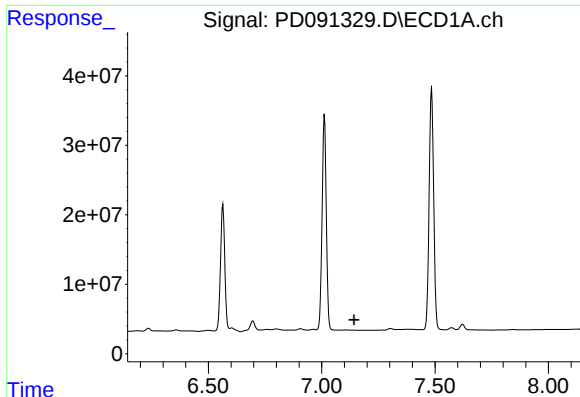
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 4576959
Conc: 1.10 ng/ml



#18 Endrin aldehyde

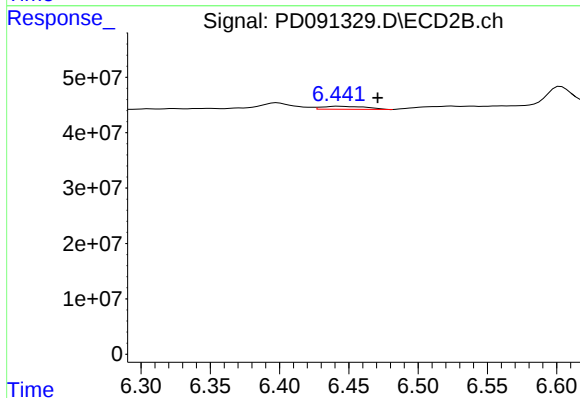
R.T.: 6.244 min
Delta R.T.: -0.004 min
Response: 45264843
Conc: 1.28 ng/ml



#19 Endosulfan Sulfate

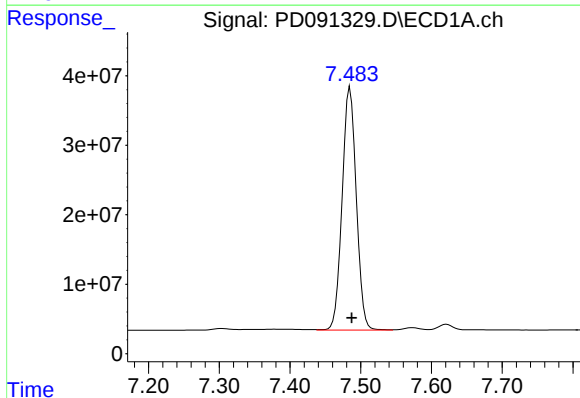
R.T.: 0.000 min
Exp R.T.: 7.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



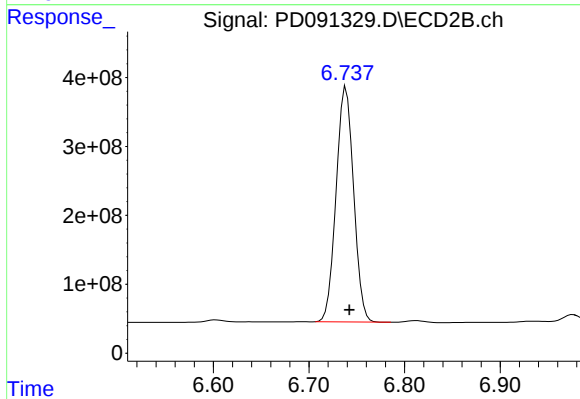
#19 Endosulfan Sulfate

R.T.: 6.442 min
Delta R.T.: -0.029 min
Response: 11935300
Conc: 0.27 ng/ml



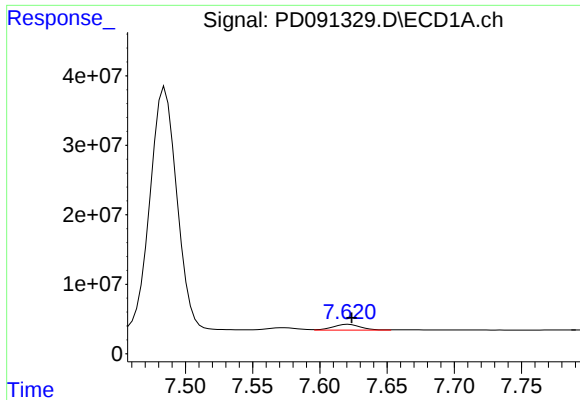
#20 Methoxychlor

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 486949614
Conc: 223.95 ng/ml



#20 Methoxychlor

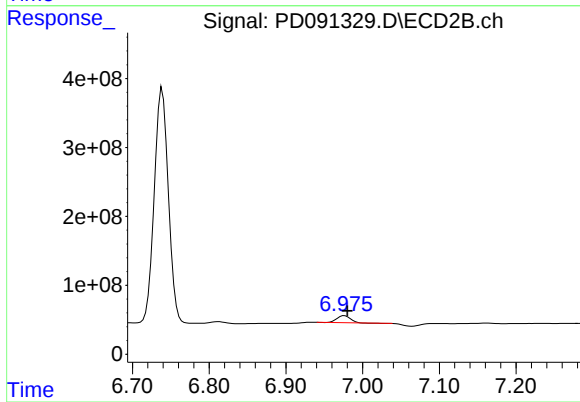
R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 4341438538
Conc: 216.52 ng/ml



#21 Endrin ketone

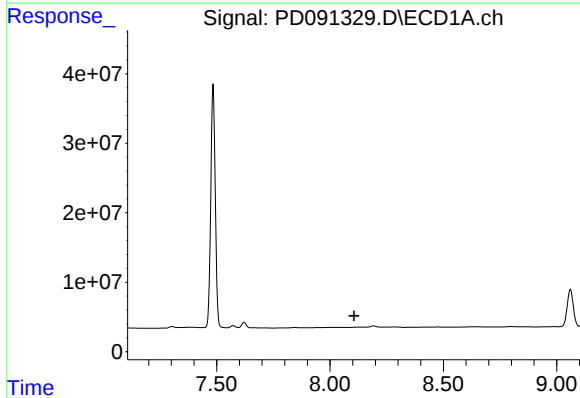
R.T.: 7.621 min
Delta R.T.: -0.002 min
Response: 11877697
Conc: 2.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



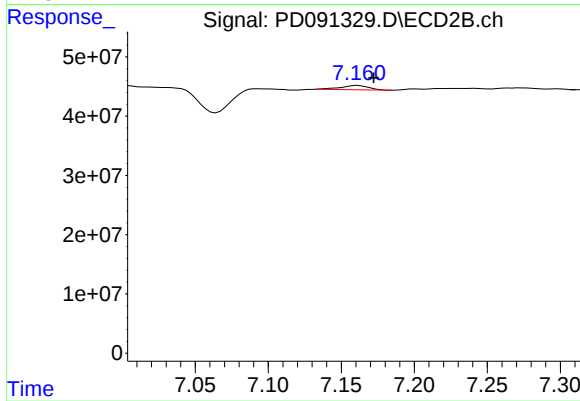
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 122046585
Conc: 2.40 ng/ml



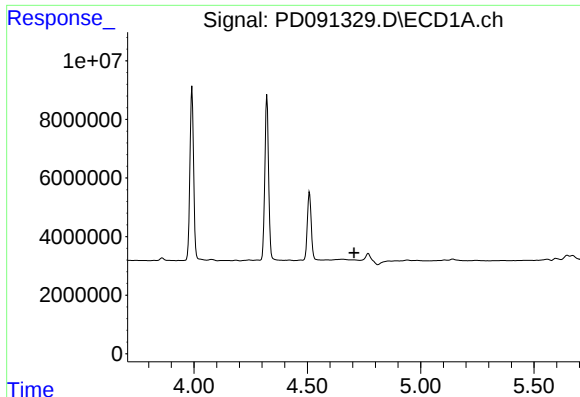
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.106 min
Response: 0
Conc: N.D.



#22 Mirex

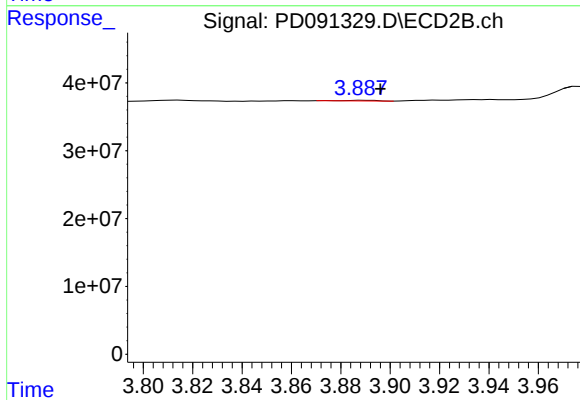
R.T.: 7.162 min
Delta R.T.: -0.011 min
Response: 9859848
Conc: 0.30 ng/ml



#23 Chlordane-1

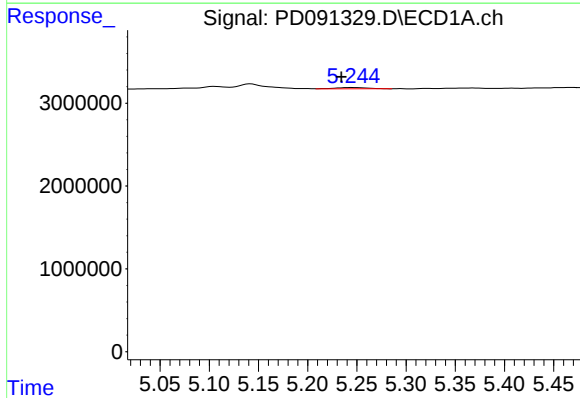
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



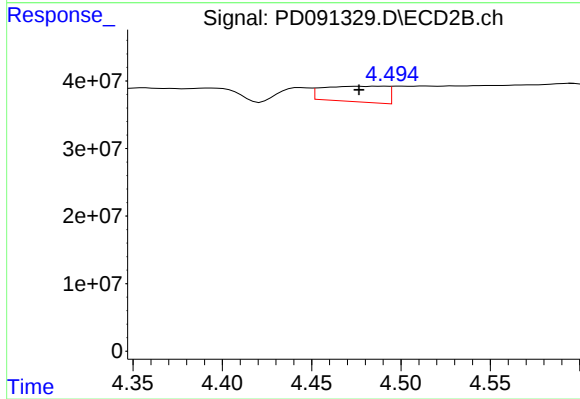
#23 Chlordane-1

R.T.: 3.890 min
Delta R.T.: -0.006 min
Response: 831140
Conc: 0.48 ng/ml



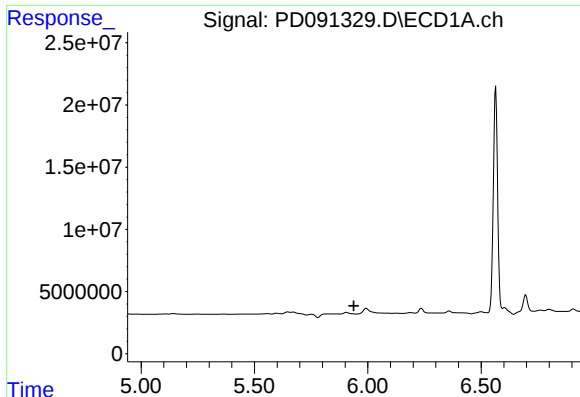
#24 Chlordane-2

R.T.: 5.245 min
Delta R.T.: 0.011 min
Response: 349389
Conc: 1.41 ng/ml



#24 Chlordane-2

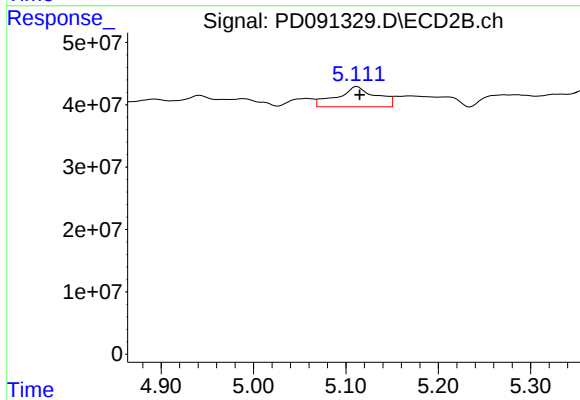
R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 56564178
Conc: 32.30 ng/ml



#25 Chlordane-3

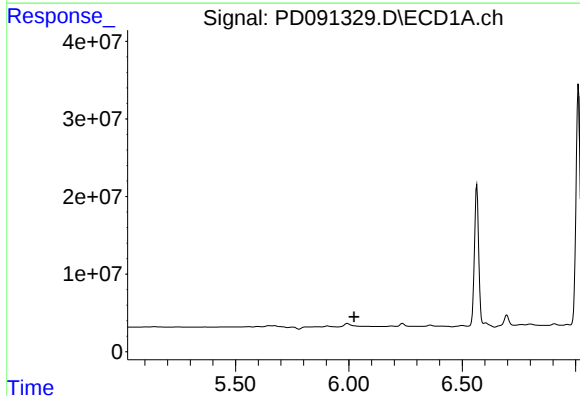
R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



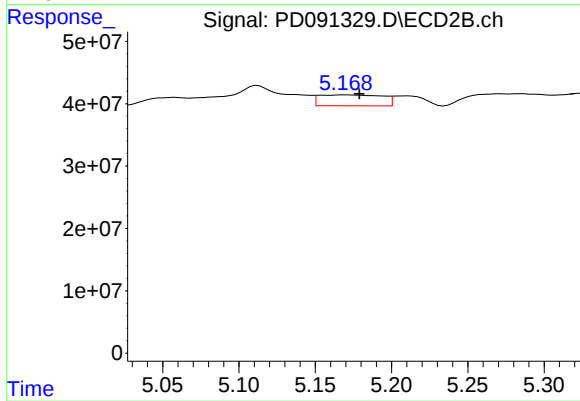
#25 Chlordane-3

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 95145662
Conc: 16.54 ng/ml



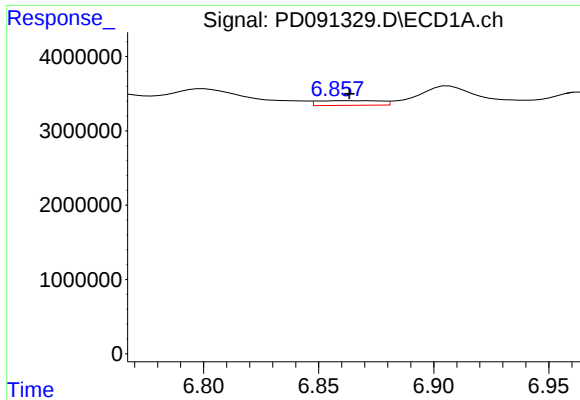
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.024 min
Response: 0
Conc: N.D.



#26 Chlordane-4

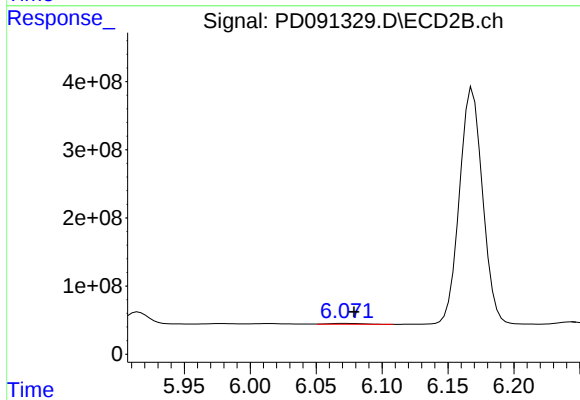
R.T.: 5.170 min
Delta R.T.: -0.009 min
Response: 50191649
Conc: 10.49 ng/ml



#27 Chlordane-5

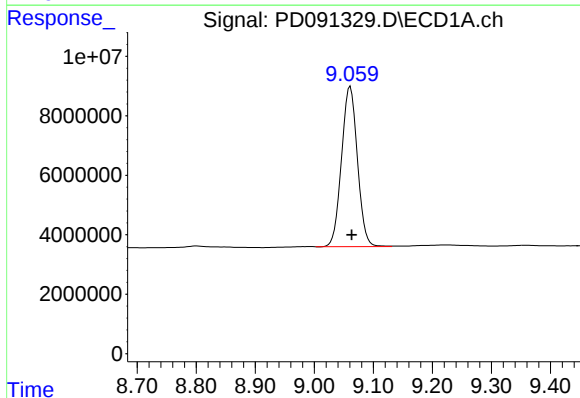
R.T.: 6.860 min
Delta R.T.: -0.003 min
Response: 1214039
Conc: 6.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



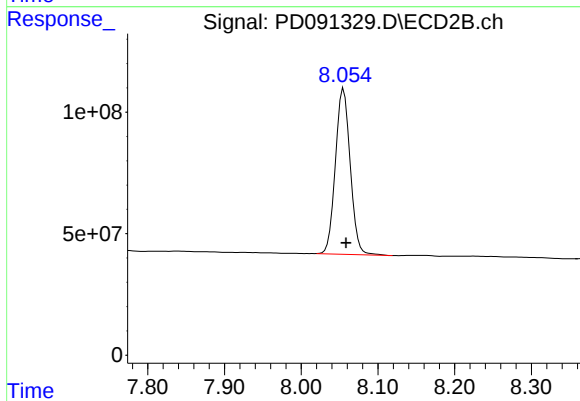
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.006 min
Response: 20812311
Conc: 10.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.002 min
Response: 100653493
Conc: 20.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.003 min
Response: 914178405
Conc: 23.10 ng/ml