

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082625\
 Data File : PD090035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2025 16:01
 Operator : AR\AJ
 Sample : Q2947-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 291

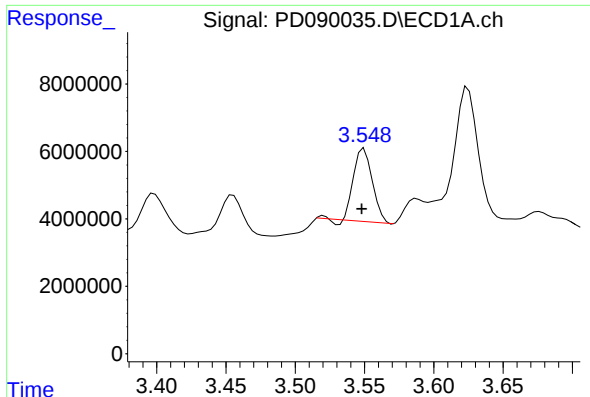
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 05:00:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.550	2.879	20238266	249.8E6	6.896	11.329 #
2)	SA Decachlor...	9.073	8.065	73137210	212.1E6	16.946	8.193 #
Target Compounds							
2)	A alpha-BHC	0.000	3.399	0	20086230	N.D.	0.592 #
3)	MA gamma-BHC...	4.301f	3.731	74095194	83214576	12.938	2.670 #
4)	MA Heptachlor	4.945f	4.093	8714769	43464472	1.554	1.393
5)	MB Aldrin	5.256	4.372	28989350	23958795	5.354	0.787 #
6)	B beta-BHC	4.493f	4.036	11497311	67738858	5.126	5.082
7)	B delta-BHC	4.780f	4.265	23532476	51618926	4.545	1.636 #
8)	B Heptachlo...	5.685	4.857	120.0E6	21193042	24.460	0.765 #
9)	A Endosulfan I	6.101f	5.242	67951807	44288214	14.725	1.689 #
10)	B gamma-Chl...	5.924f	5.118	51632278	62596036	10.557	2.114 #
11)	B alpha-Chl...	6.025	5.193	65971500	19955307	13.402	0.699 #
12)	B 4,4'-DDE	6.200	5.369	13969046	71383450	3.183	2.477
13)	MA Dieldrin	6.331	5.509	6604472	159.3E6	1.349	5.438 #
14)	MA Endrin	6.560	5.788	84950664	103.4E6	20.502	3.882 #
15)	B Endosulfa...	6.769	6.069	44442136	38542933	10.532	1.524 #
16)	A 4,4'-DDD	6.687f	5.923	79056249	25251736	22.855	1.050 #
17)	MA 4,4'-DDT	7.028	6.178	25668237	379.4E6	6.738	15.134 #
19)	B Endosulfa...	0.000	6.480	0	278.6E6	N.D.	11.429 #
20)	A Methoxychlor	0.000	6.731f	0	457.9E6	N.D.	35.509 #
21)	B Endrin ke...	7.616	6.981	75122340	20366397	18.126	0.764 #
23)	Chlordane-1	4.688f	3.903	79914388	24174649	465.306	27.195 #
24)	Chlordane-2	5.256	4.471	28989350	78120132	164.692	81.549 #
25)	Chlordane-3	5.924	5.118	51632278	62596036	76.131	22.590 #
26)	Chlordane-4	6.025	5.193	65971500	19955307	79.460	8.291 #
27)	Chlordane-5	0.000	6.069	0	38542933	N.D.	35.040 #

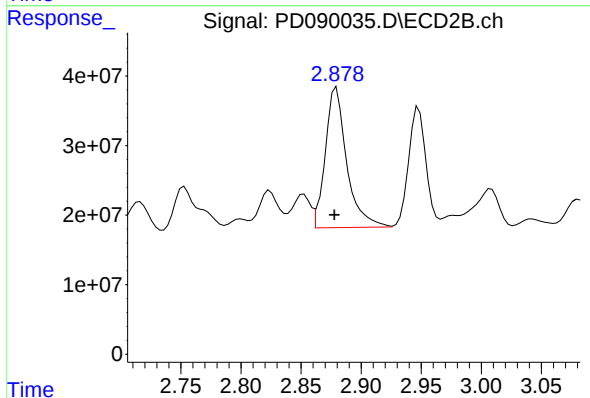
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

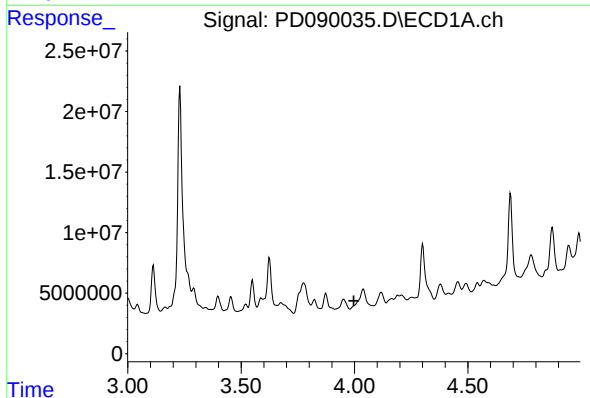
R.T.: 3.550 min
Delta R.T.: 0.002 min
Response: 20238266
Conc: 6.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



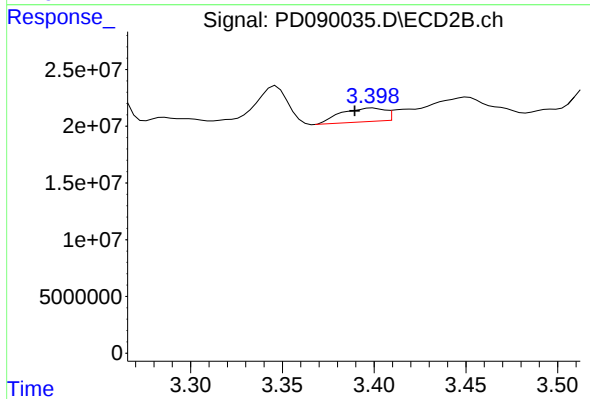
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.002 min
Response: 249811556
Conc: 11.33 ng/ml



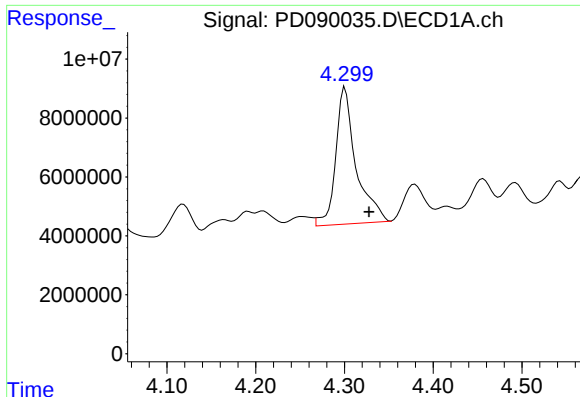
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.997 min
Response: 0
Conc: N.D.



#2 alpha-BHC

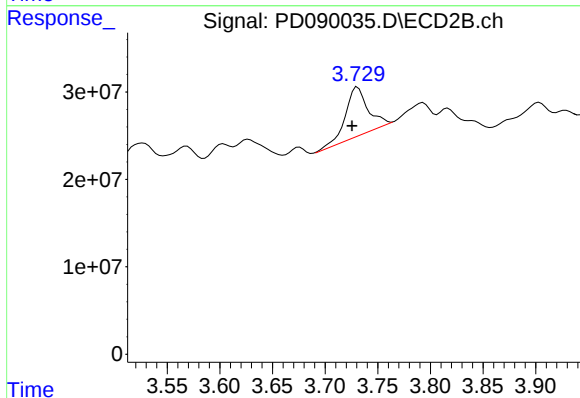
R.T.: 3.399 min
Delta R.T.: 0.010 min
Response: 20086230
Conc: 0.59 ng/ml



#3 gamma-BHC (Lindane)

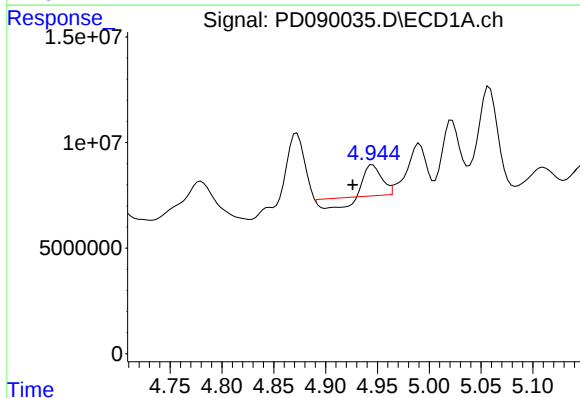
R.T.: 4.301 min
Delta R.T.: -0.027 min
Response: 74095194
Conc: 12.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



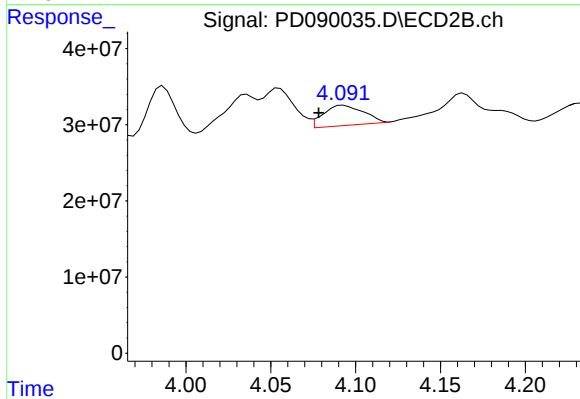
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.005 min
Response: 83214576
Conc: 2.67 ng/ml



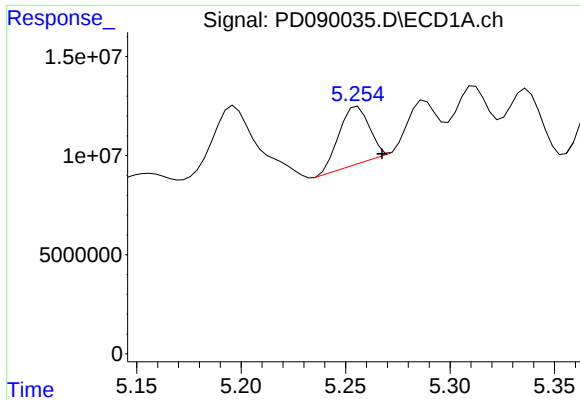
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.019 min
Response: 8714769
Conc: 1.55 ng/ml



#4 Heptachlor

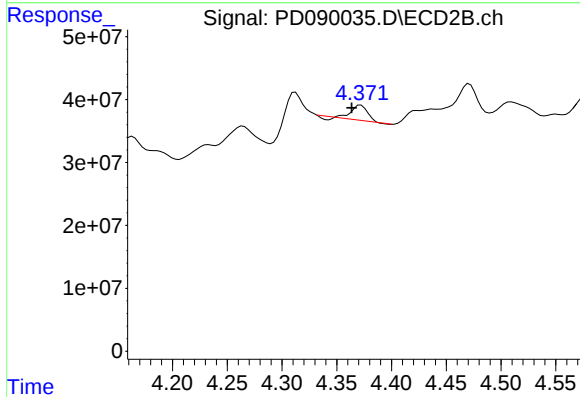
R.T.: 4.093 min
Delta R.T.: 0.014 min
Response: 43464472
Conc: 1.39 ng/ml



#5 Aldrin

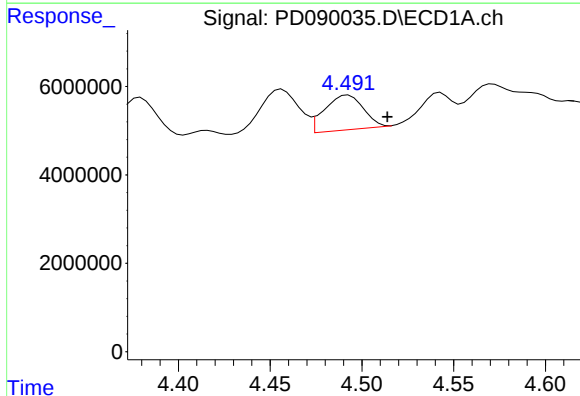
R.T.: 5.256 min
Delta R.T.: -0.012 min
Response: 28989350
Conc: 5.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



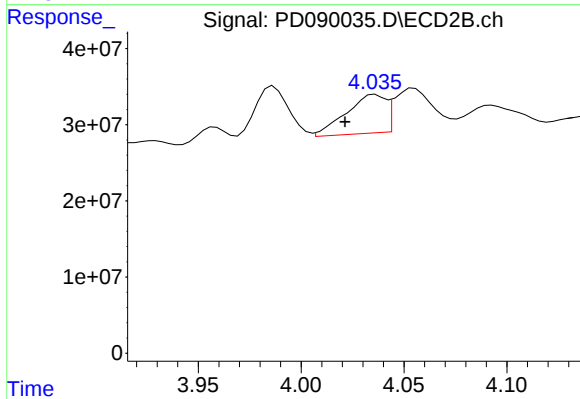
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: 0.008 min
Response: 23958795
Conc: 0.79 ng/ml



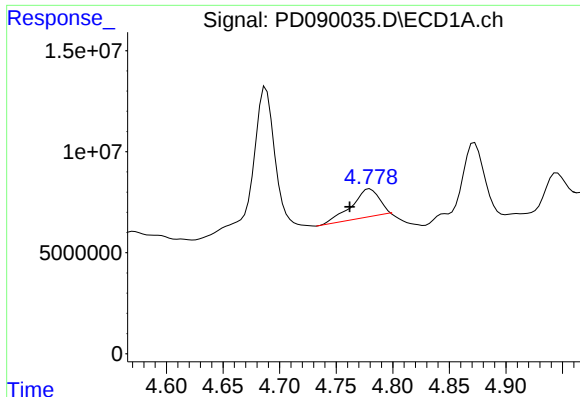
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.021 min
Response: 11497311
Conc: 5.13 ng/ml



#6 beta-BHC

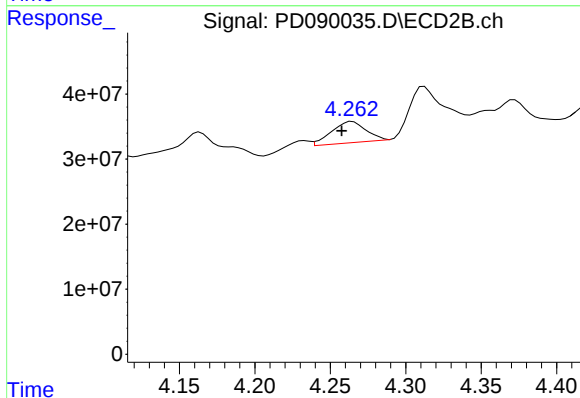
R.T.: 4.036 min
Delta R.T.: 0.015 min
Response: 67738858
Conc: 5.08 ng/ml



#7 delta-BHC

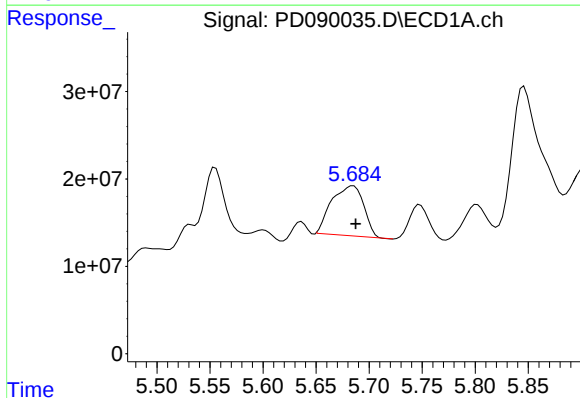
R.T.: 4.780 min
Delta R.T.: 0.018 min
Response: 23532476
Conc: 4.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



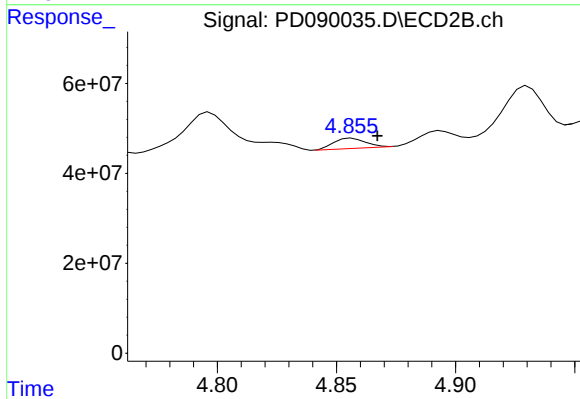
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.007 min
Response: 51618926
Conc: 1.64 ng/ml



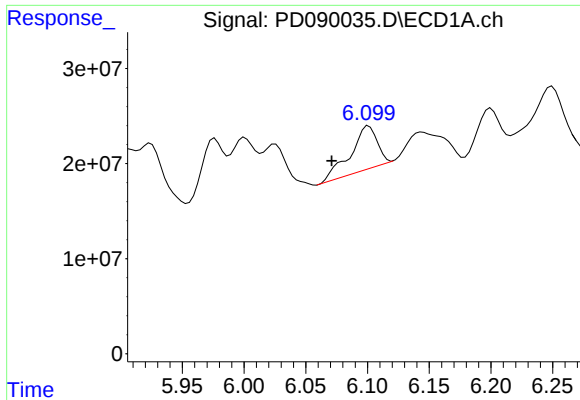
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 120019773
Conc: 24.46 ng/ml



#8 Heptachlor epoxide

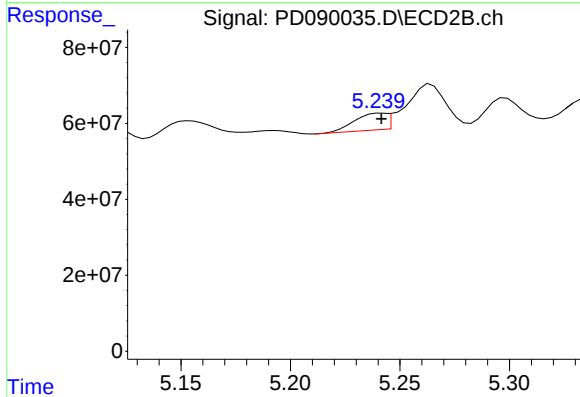
R.T.: 4.857 min
Delta R.T.: -0.011 min
Response: 21193042
Conc: 0.77 ng/ml



#9 Endosulfan I

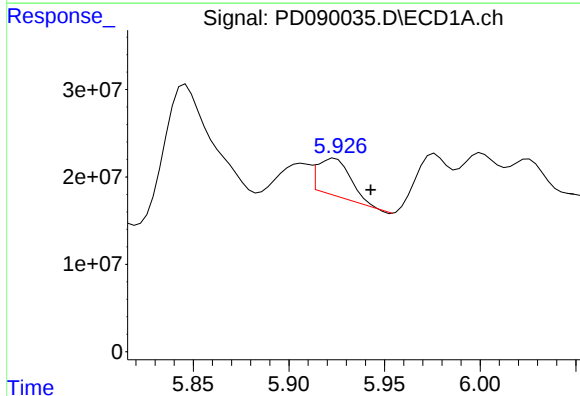
R.T.: 6.101 min
Delta R.T.: 0.030 min
Response: 67951807
Conc: 14.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



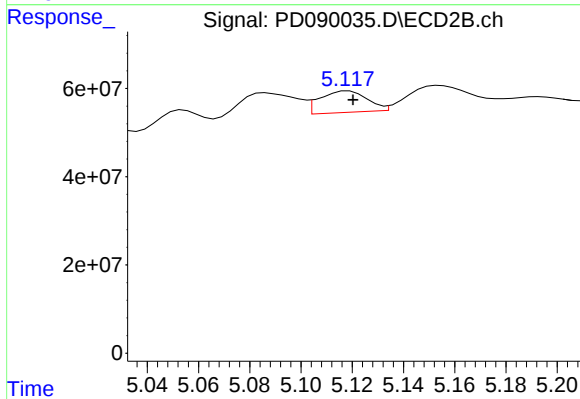
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 44288214
Conc: 1.69 ng/ml



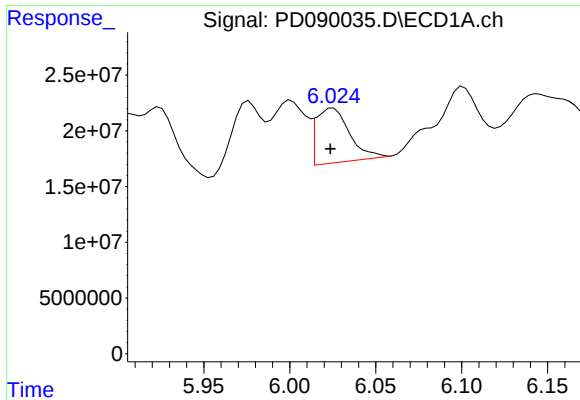
#10 gamma-Chlordane

R.T.: 5.924 min
Delta R.T.: -0.019 min
Response: 51632278
Conc: 10.56 ng/ml



#10 gamma-Chlordane

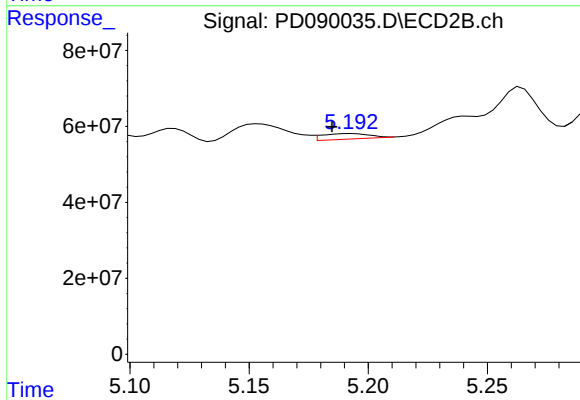
R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 62596036
Conc: 2.11 ng/ml



#11 alpha-Chlordane

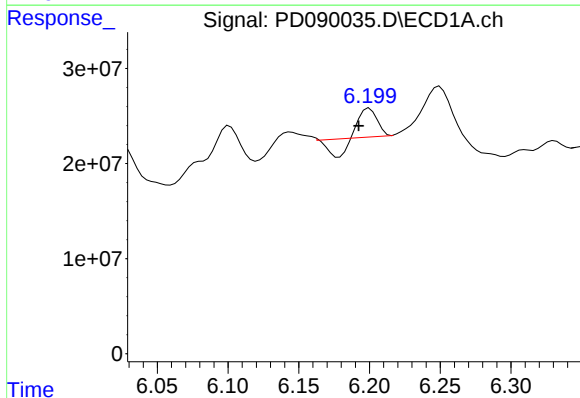
R.T.: 6.025 min
Delta R.T.: 0.002 min
Response: 65971500
Conc: 13.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



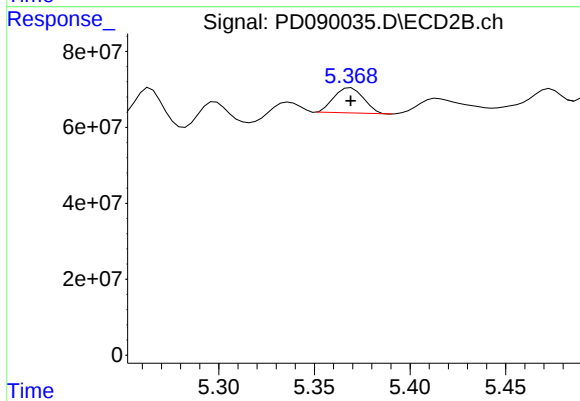
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: 0.008 min
Response: 19955307
Conc: 0.70 ng/ml



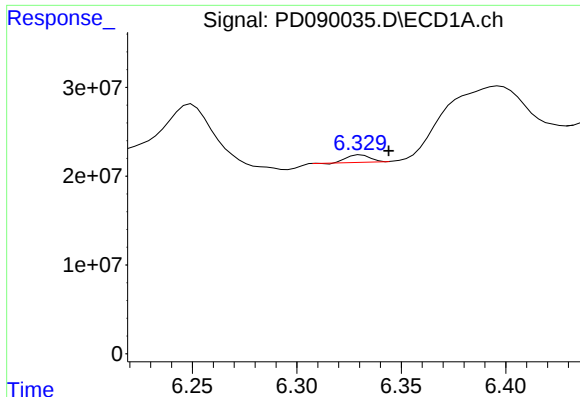
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.008 min
Response: 13969046
Conc: 3.18 ng/ml



#12 4,4'-DDE

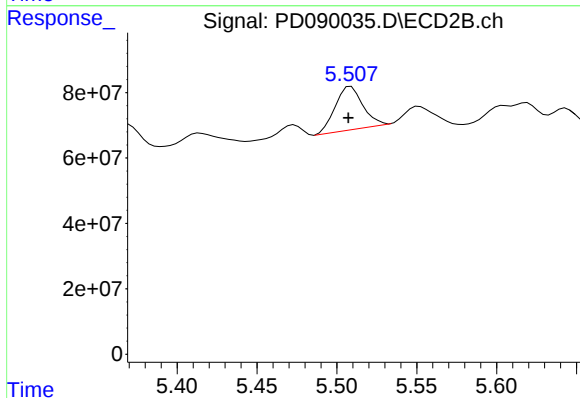
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 71383450
Conc: 2.48 ng/ml



#13 Dieldrin

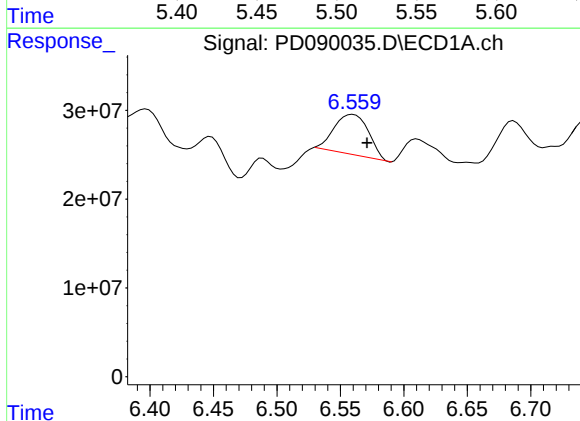
R.T.: 6.331 min
Delta R.T.: -0.013 min
Response: 6604472
Conc: 1.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



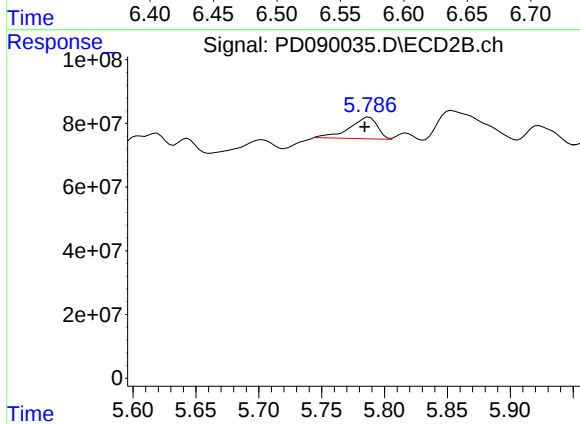
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.002 min
Response: 159274063
Conc: 5.44 ng/ml



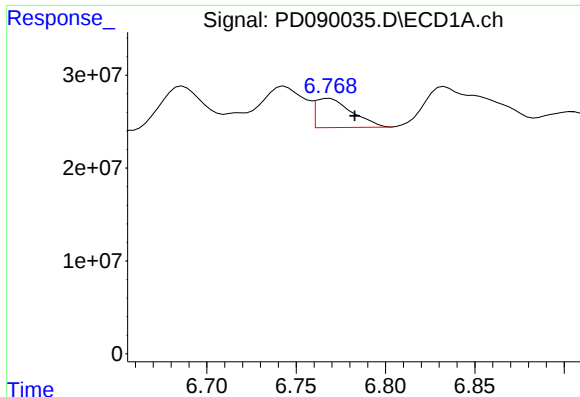
#14 Endrin

R.T.: 6.560 min
Delta R.T.: -0.011 min
Response: 84950664
Conc: 20.50 ng/ml



#14 Endrin

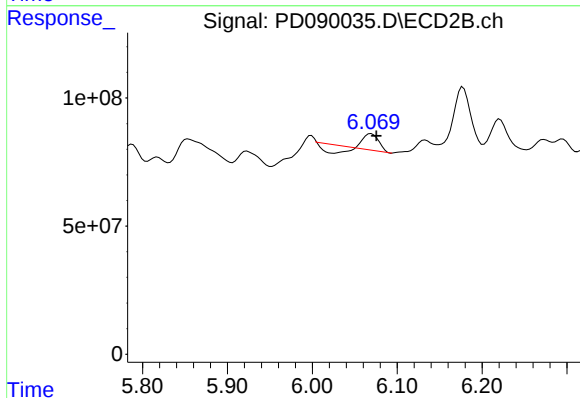
R.T.: 5.788 min
Delta R.T.: 0.003 min
Response: 103385581
Conc: 3.88 ng/ml



#15 Endosulfan II

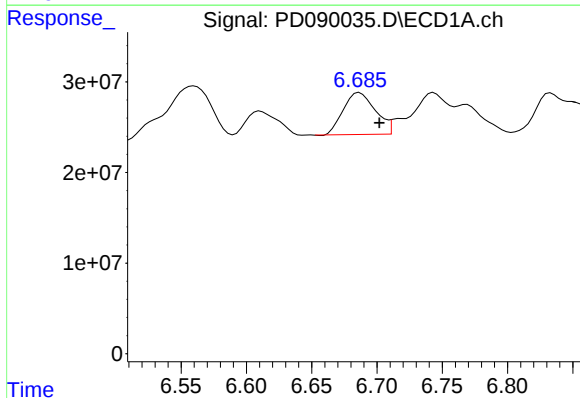
R.T.: 6.769 min
Delta R.T.: -0.014 min
Response: 44442136
Conc: 10.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



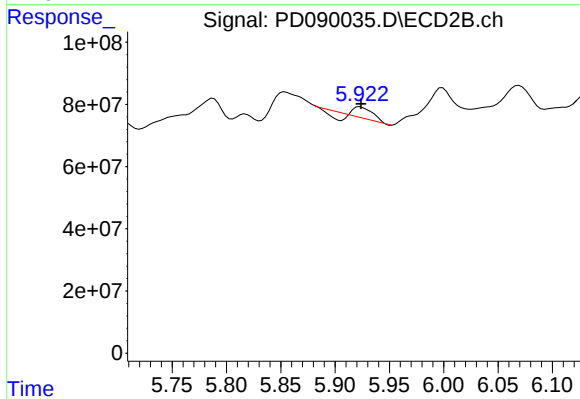
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.006 min
Response: 38542933
Conc: 1.52 ng/ml



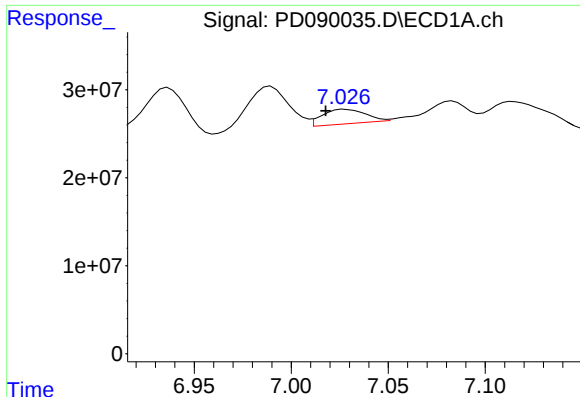
#16 4,4'-DDD

R.T.: 6.687 min
Delta R.T.: -0.015 min
Response: 79056249
Conc: 22.85 ng/ml



#16 4,4'-DDD

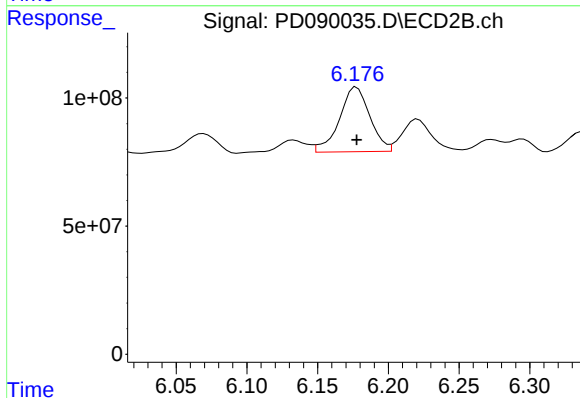
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 25251736
Conc: 1.05 ng/ml



#17 4,4'-DDT

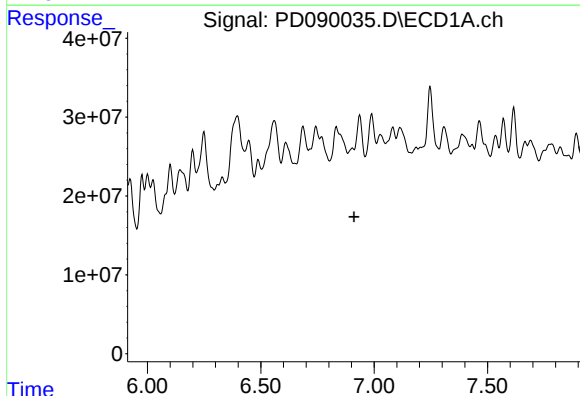
R.T.: 7.028 min
Delta R.T.: 0.010 min
Response: 25668237
Conc: 6.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



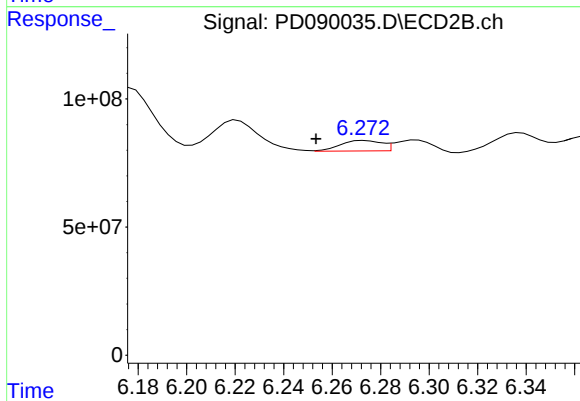
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 379408352
Conc: 15.13 ng/ml



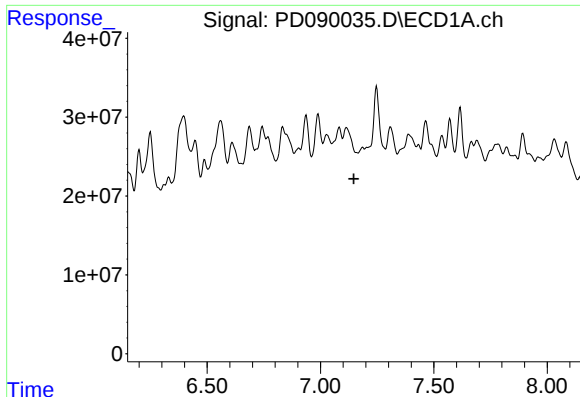
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.008 min
Response: -15053434
Conc: N.D.



#18 Endrin aldehyde

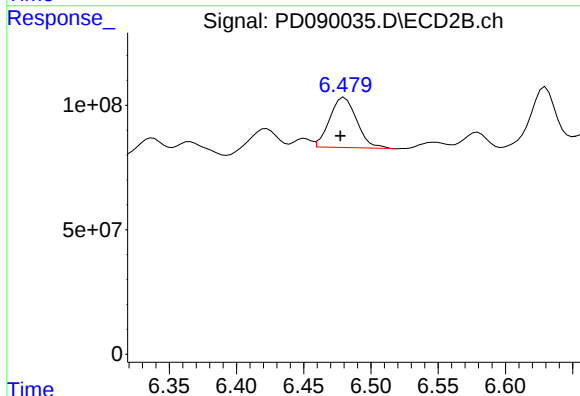
R.T.: 6.273 min
Delta R.T.: 0.020 min
Response: 48248372
Conc: 2.80 ng/ml



#19 Endosulfan Sulfate

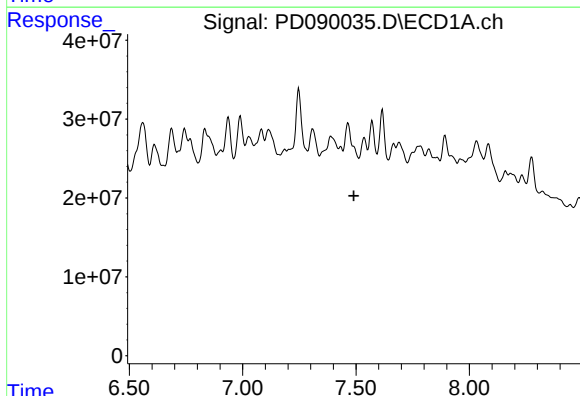
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
291



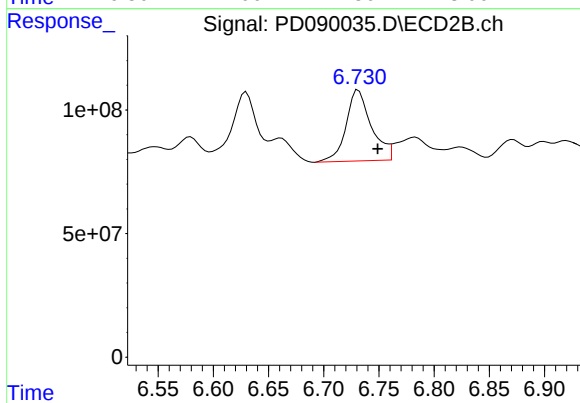
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: 0.003 min
Response: 278642701
Conc: 11.43 ng/ml



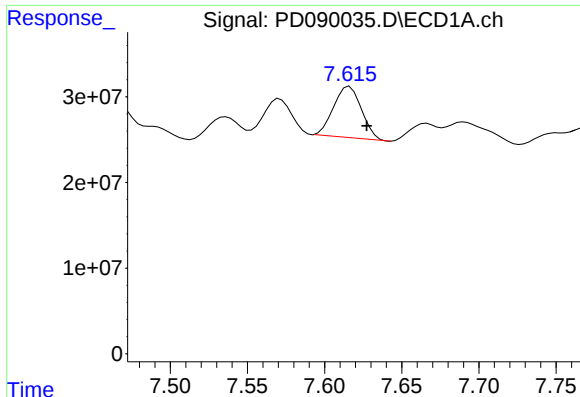
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.490 min
Response: 0
Conc: N.D.



#20 Methoxychlor

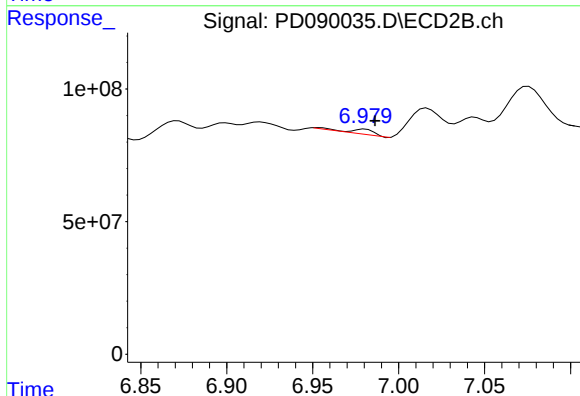
R.T.: 6.731 min
Delta R.T.: -0.017 min
Response: 457919077
Conc: 35.51 ng/ml



#21 Endrin ketone

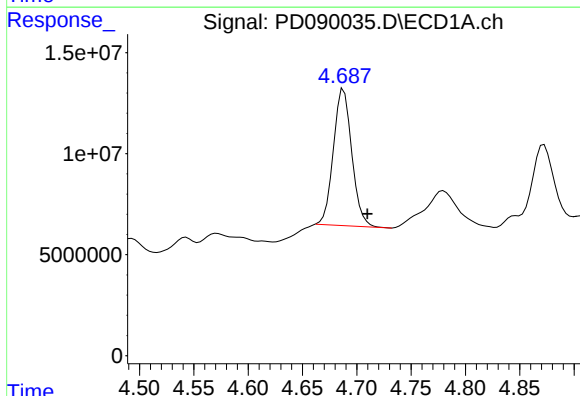
R.T.: 7.616 min
Delta R.T.: -0.011 min
Response: 75122340
Conc: 18.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



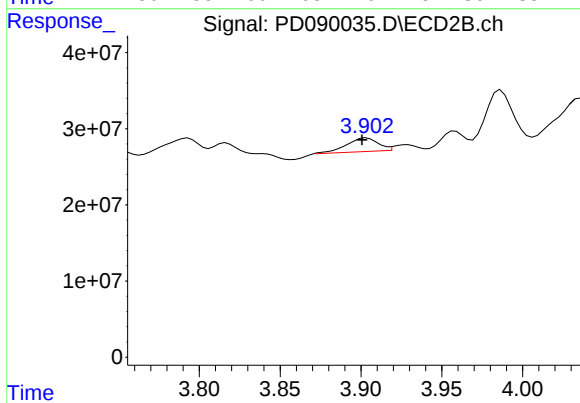
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.006 min
Response: 20366397
Conc: 0.76 ng/ml



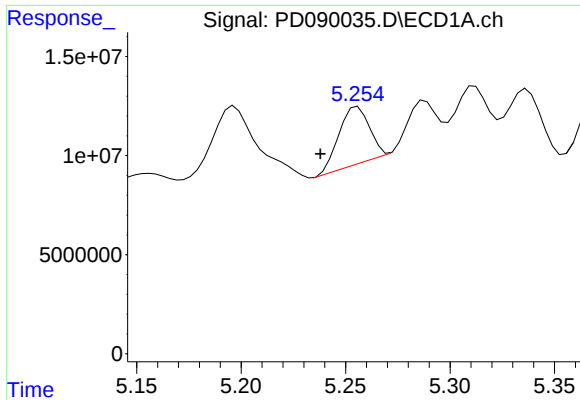
#23 Chlordane-1

R.T.: 4.688 min
Delta R.T.: -0.022 min
Response: 79914388
Conc: 465.31 ng/ml



#23 Chlordane-1

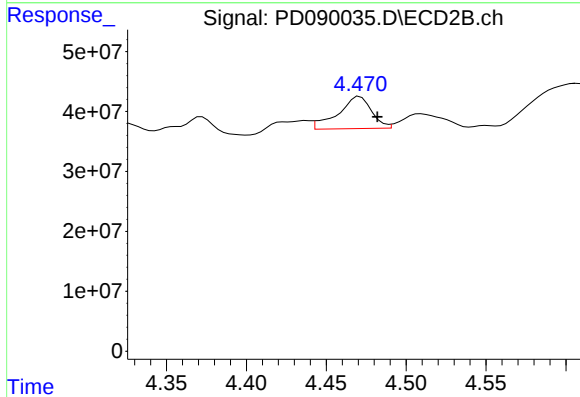
R.T.: 3.903 min
Delta R.T.: 0.003 min
Response: 24174649
Conc: 27.20 ng/ml



#24 Chlordane-2

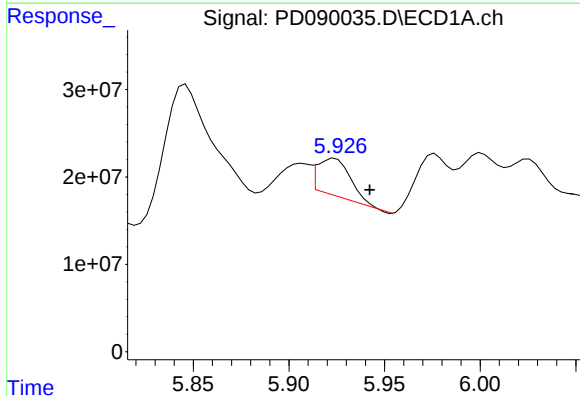
R.T.: 5.256 min
Delta R.T.: 0.018 min
Response: 28989350
Conc: 164.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



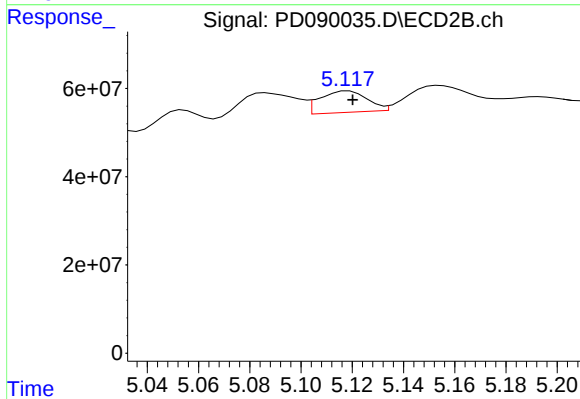
#24 Chlordane-2

R.T.: 4.471 min
Delta R.T.: -0.011 min
Response: 78120132
Conc: 81.55 ng/ml



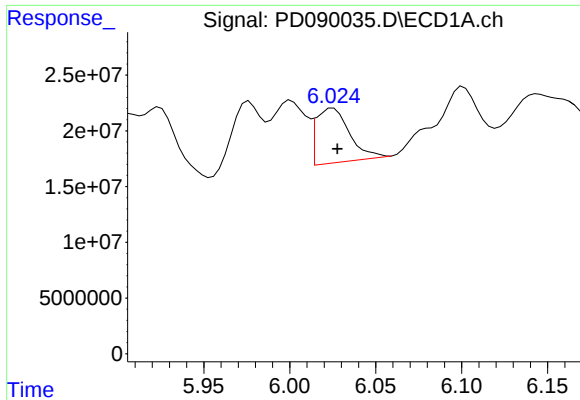
#25 Chlordane-3

R.T.: 5.924 min
Delta R.T.: -0.018 min
Response: 51632278
Conc: 76.13 ng/ml



#25 Chlordane-3

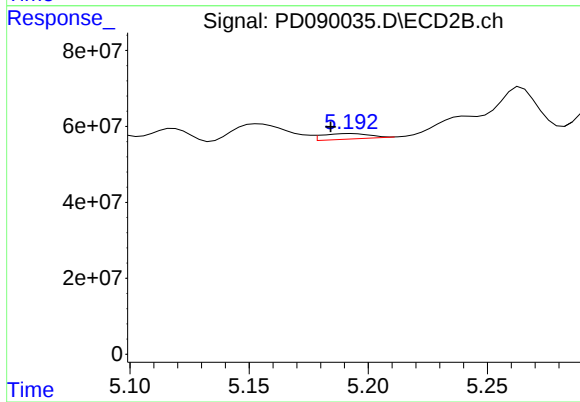
R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 62596036
Conc: 22.59 ng/ml



#26 Chlordane-4

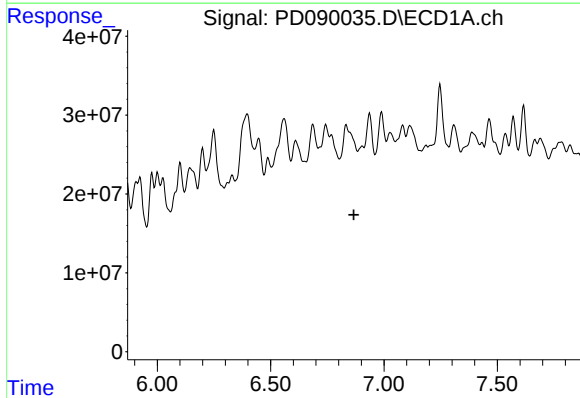
R.T.: 6.025 min
Delta R.T.: -0.002 min
Response: 65971500
Conc: 79.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



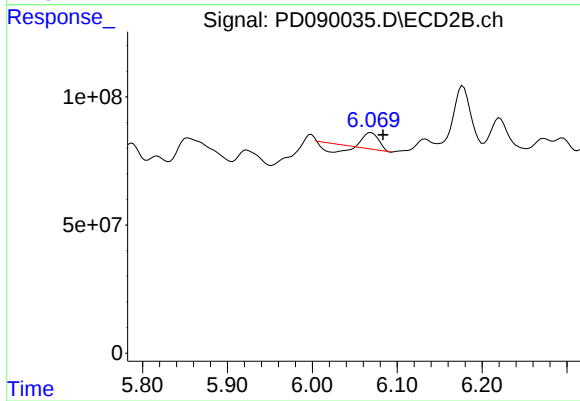
#26 Chlordane-4

R.T.: 5.193 min
Delta R.T.: 0.009 min
Response: 19955307
Conc: 8.29 ng/ml



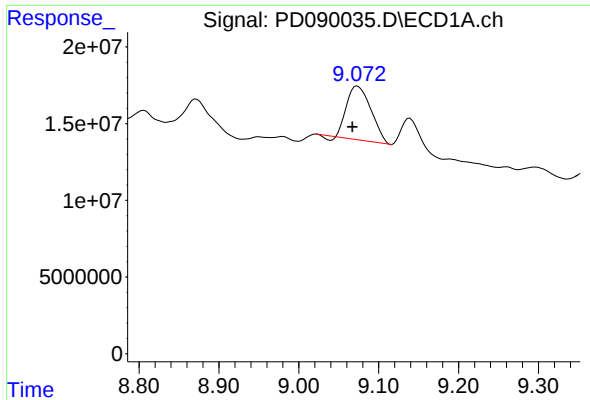
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.867 min
Response: 0
Conc: N.D.



#27 Chlordane-5

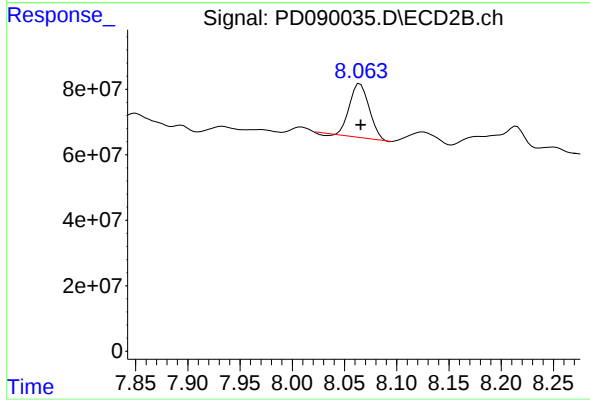
R.T.: 6.069 min
Delta R.T.: -0.014 min
Response: 38542933
Conc: 35.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.006 min
Response: 73137210
Conc: 16.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
291



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 212086289
Conc: 8.19 ng/ml