Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
Data File : PD076362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jul 2023 08:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 06 21:23:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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...	3.546	2.765	47607852	24338849	14.531	15.322	
28)	SA	Decachlor...	9.085	7.907	53012671	22446325	14.910	17.835	
		Target Compounds							
2)	A	alpha-BHC	4.002	3.267	38167468	16792319	6.590	6.969	
3)	MA	gamma-BHC...	4.335	3.597	36016877	15390788	6.879	6.913	
5)	MB	Aldrin	5.256	4.229	234951	251970	0.044	0.114	#
6)	B	beta-BHC	4.532	3.894	16653614	7710280	7.945	8.670	
7)	B	delta-BHC	4.769	4.121	1213906	73800	0.236	0.035	#
8)	B	Heptachlo...	5.691	4.728	1875782	220	0.389	0.000	#
9)	A	Endosulfan I	6.060f	0.000	498818	0	0.112	N.D.	#
10)	B	gamma-Chl...	5.924f	4.977	2331475	587642	0.479	0.295	#
11)	B	alpha-Chl...	6.060f	5.050f	498818	216668	0.104	0.109	
12)	B	4,4'-DDE	6.204	5.224	313681	802103	0.074	0.522	#
13)	MA	Dieldrin	6.381f	5.349	838675	32967	0.179	0.017	#
14)	MA	Endrin	6.590	5.630	129.8E6	59757944	32.599	33.855	
15)	B	Endosulfa...	6.825f	5.913	1270499	5257	0.342	0.003	#
16)	A	4,4'-DDD	6.722	5.778	7680885	3694016	2.286	3.056	#
17)	MA	4,4'-DDT	7.038	6.029	252.6E6	106.1E6	71.836	87.624	
18)	B	Endrin al...	6.939	6.104	2624043	2354000	0.957	2.060	#
19)	B	Endosulfa...	0.000	6.312	0	82005	N.D.	0.054	#
20)	A	Methoxychlor	7.514	6.604	344.3E6	135.9E6	180.120	212.880	
21)	B	Endrin ke...	7.660	6.832	9878704	4682112	2.366	2.679	
22)		Mirex	8.128	7.021	186018	73323	0.059	0.049	
23)		Chlordane-1	0.000	3.758	0	19337	N.D.	0.437	#
24)		Chlordane-2	5.256f	4.352	234951	1116566	1.835	22.978	#
25)		Chlordane-3	5.924f	4.977	2331475	587642	4.607	4.188	
26)		Chlordane-4	6.060f	5.050f	498818	216668	0.811	1.539	#
27)		Chlordane-5	0.000	5.939	0	344971	N.D.	7.413	#

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

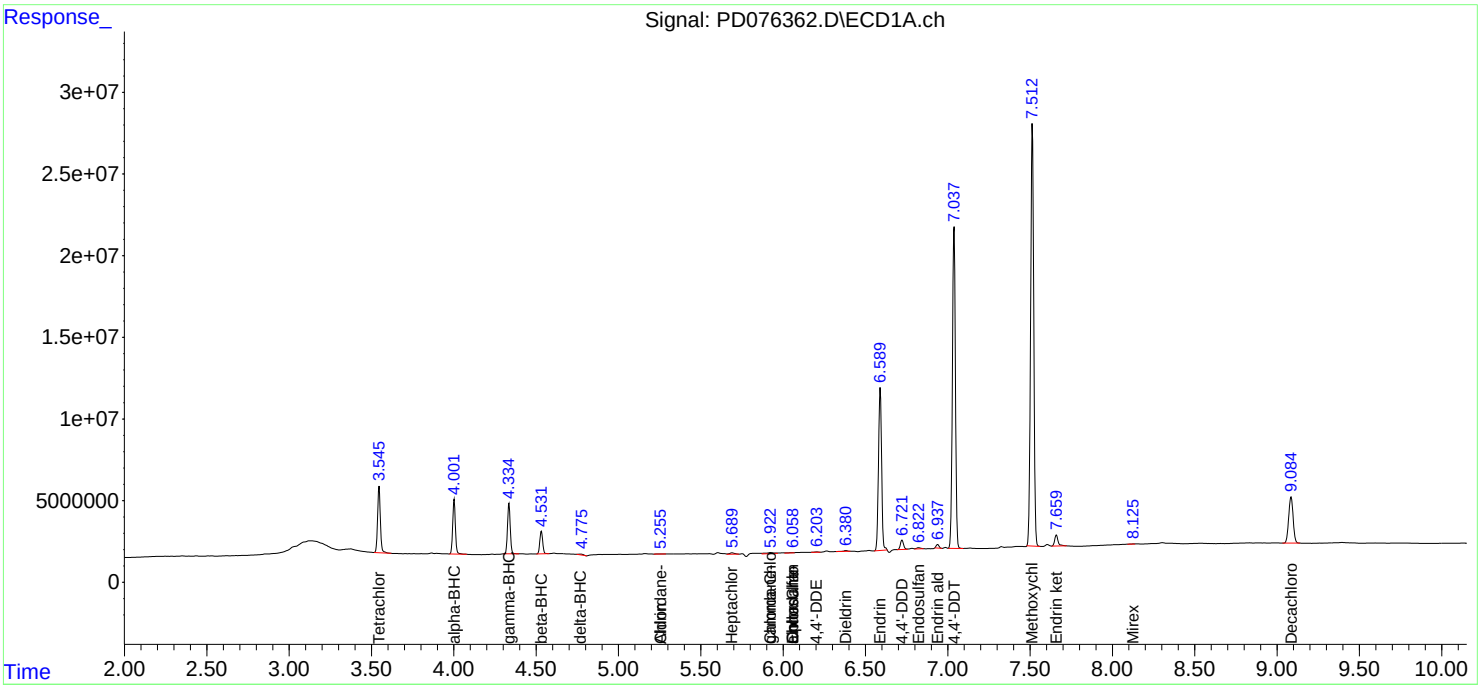
Quantitation Report (Not Reviewed)

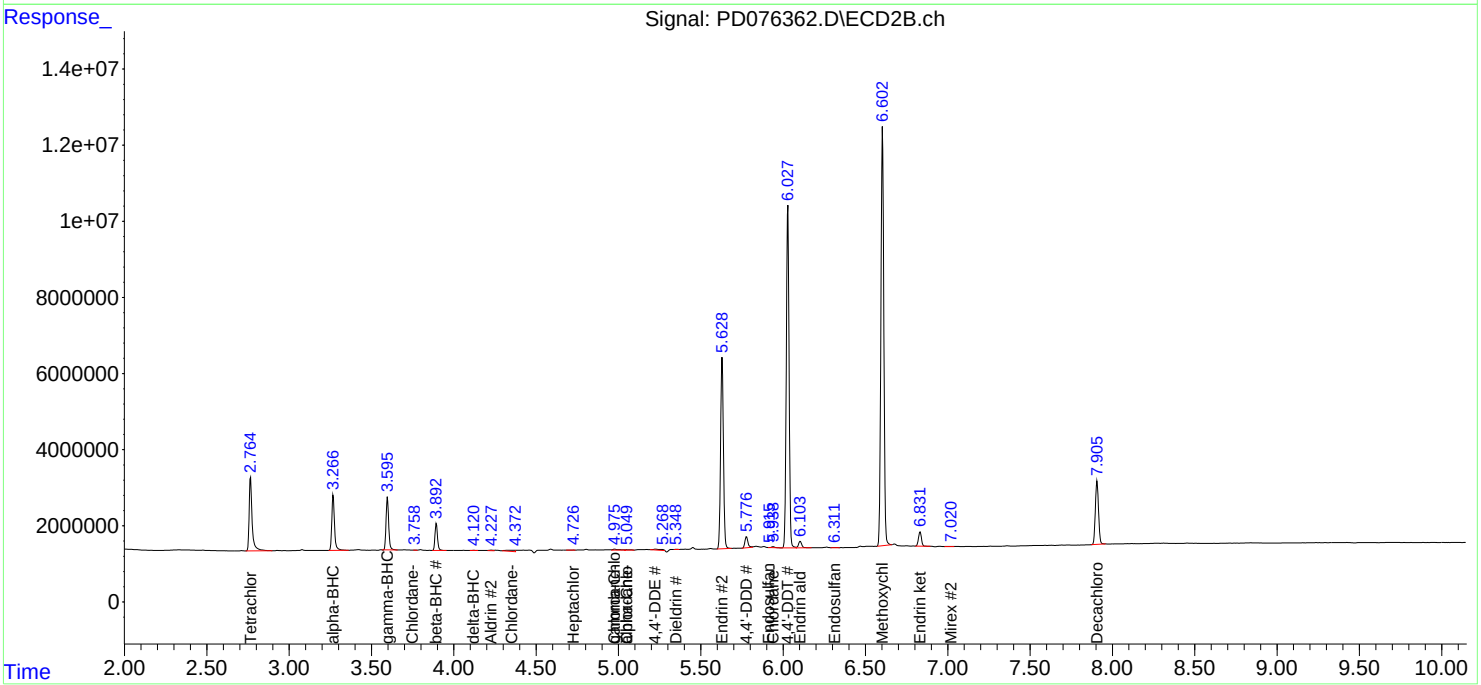
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
Data File : PD076362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jul 2023 08:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

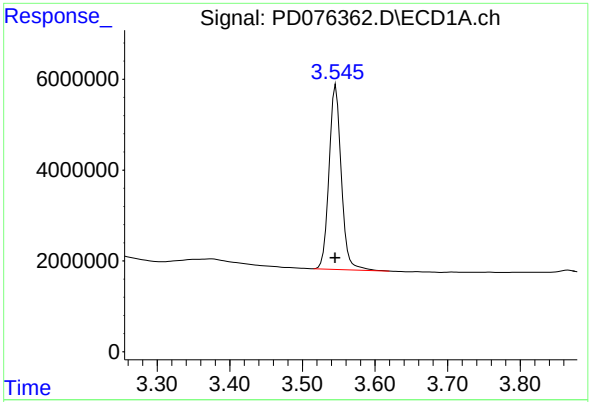
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 06 21:23:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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



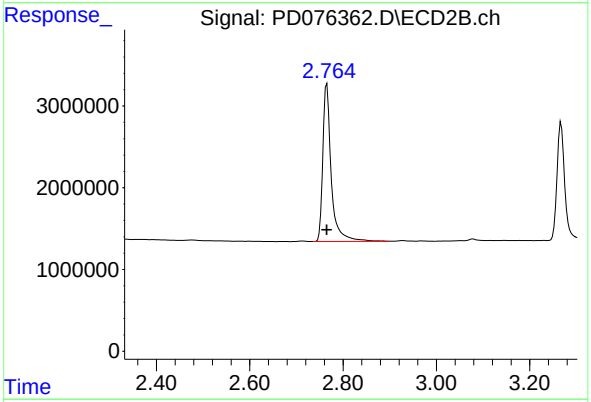




#1 Tetrachloro-m-xylene

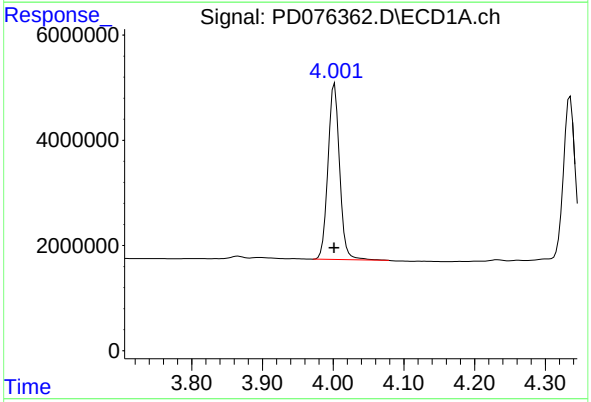
R.T.: 3.546 min
Delta R.T.: 0.001 min
Response: 47607852
Conc: 14.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



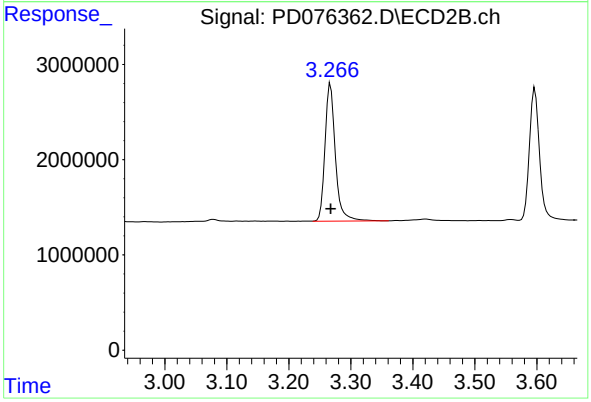
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 24338849
Conc: 15.32 ng/ml



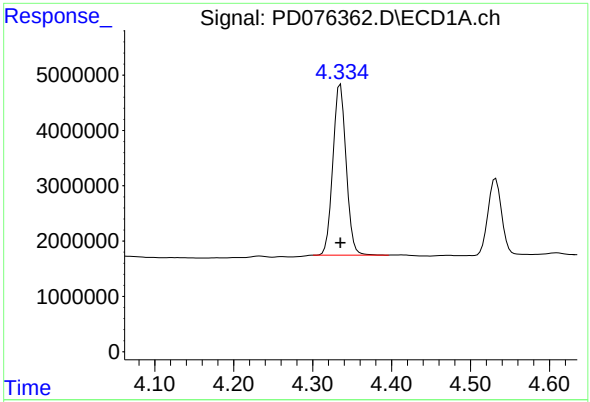
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 38167468
Conc: 6.59 ng/ml



#2 alpha-BHC

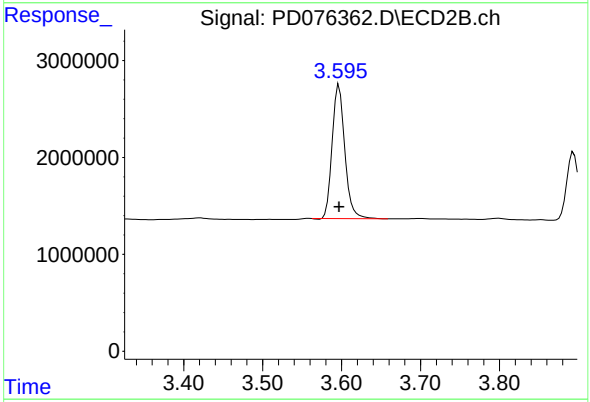
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 16792319
Conc: 6.97 ng/ml



#3 gamma-BHC (Lindane)

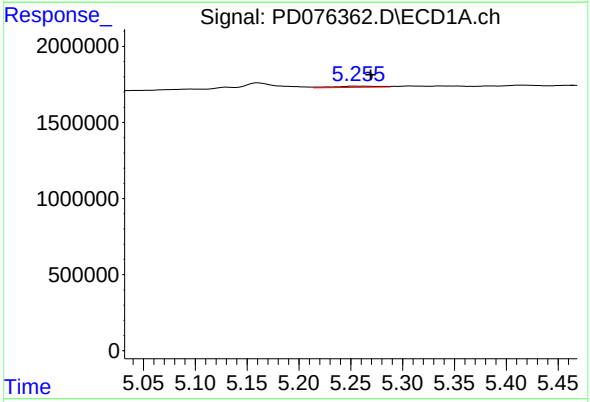
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 36016877
Conc: 6.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



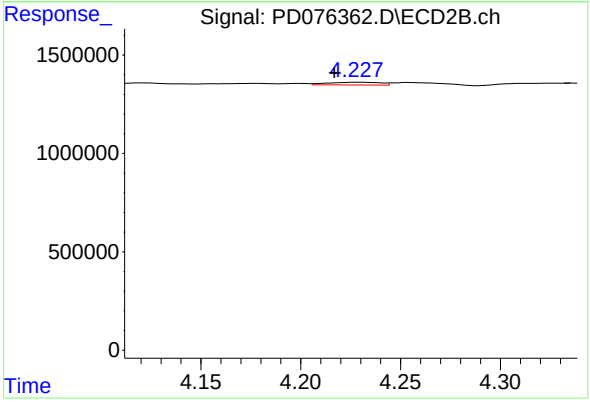
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 15390788
Conc: 6.91 ng/ml



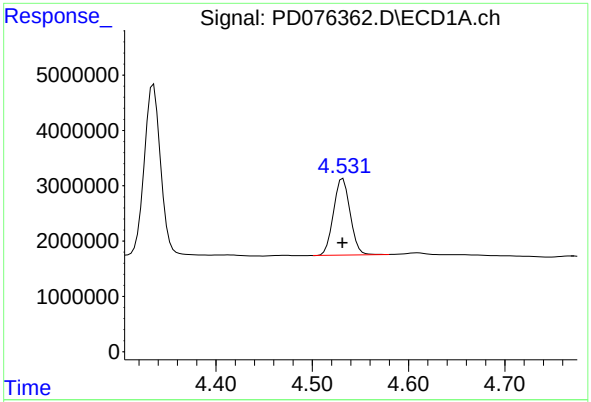
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.013 min
Response: 234951
Conc: 0.04 ng/ml



#5 Aldrin

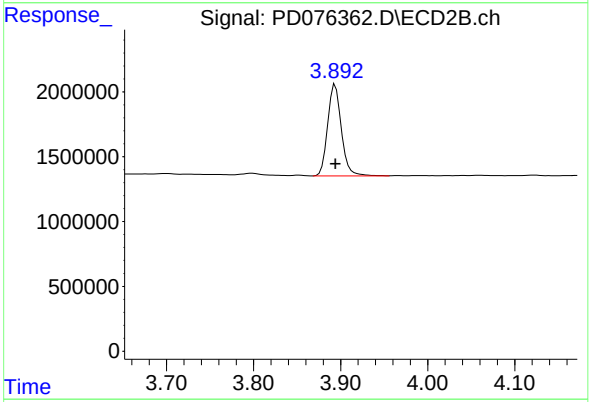
R.T.: 4.229 min
Delta R.T.: 0.012 min
Response: 251970
Conc: 0.11 ng/ml



#6 beta-BHC

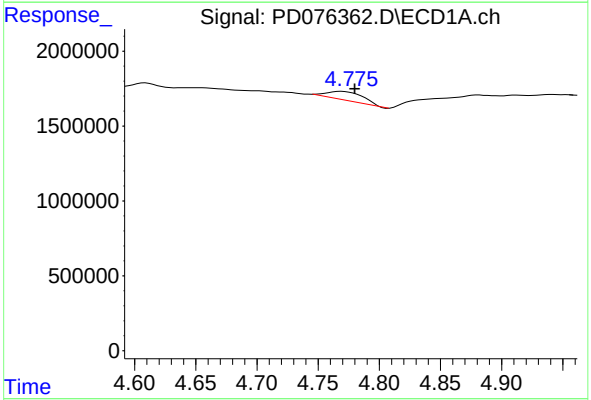
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 16653614
Conc: 7.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



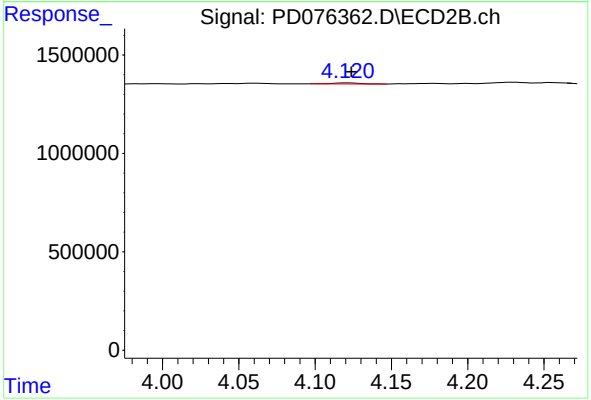
#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 7710280
Conc: 8.67 ng/ml



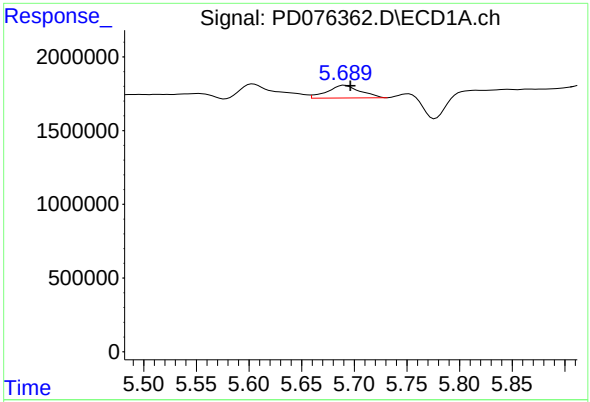
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.011 min
Response: 1213906
Conc: 0.24 ng/ml



#7 delta-BHC

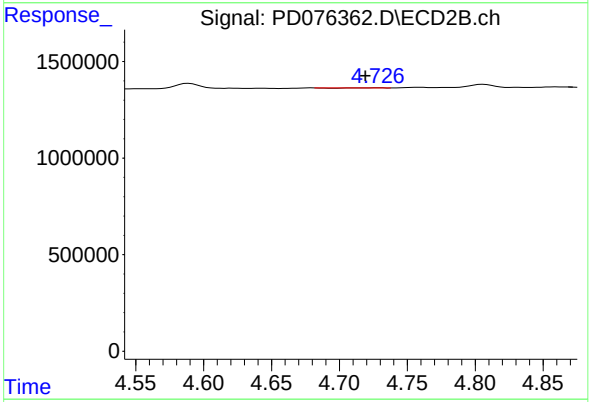
R.T.: 4.121 min
Delta R.T.: -0.003 min
Response: 73800
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

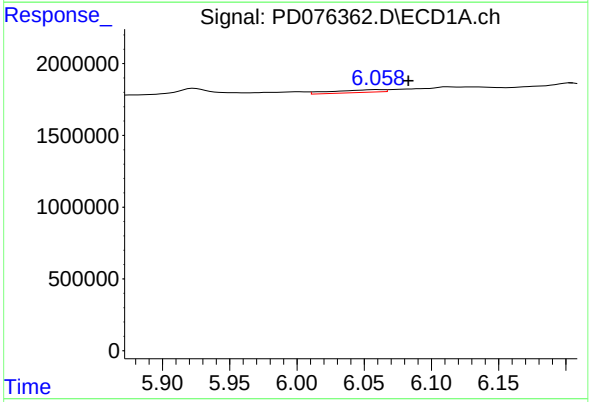
R.T.: 5.691 min
Delta R.T.: -0.006 min
Response: 1875782
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



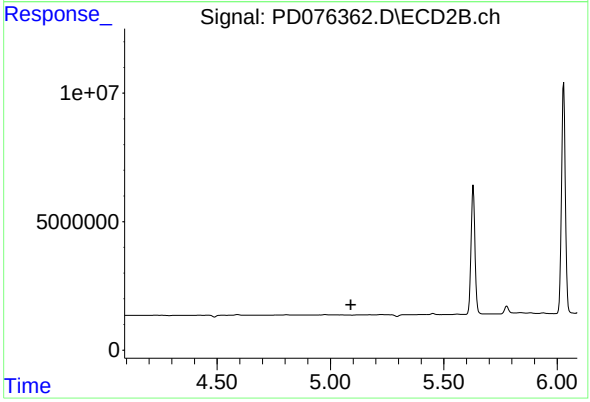
#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: 0.009 min
Response: 220
Conc: 0.00 ng/ml



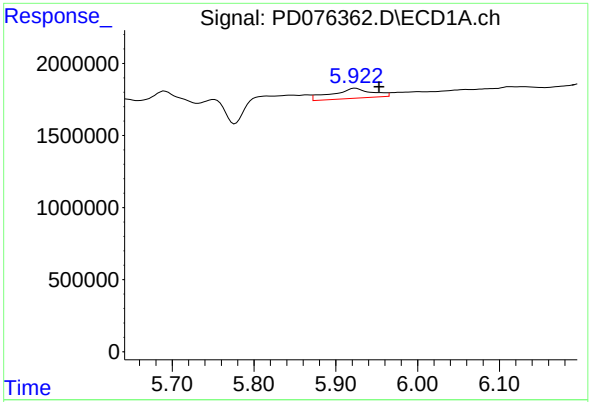
#9 Endosulfan I

R.T.: 6.060 min
Delta R.T.: -0.023 min
Response: 498818
Conc: 0.11 ng/ml



#9 Endosulfan I

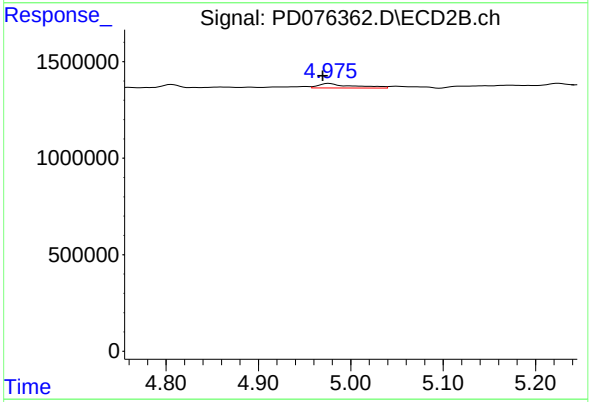
R.T.: 0.000 min
Exp R.T. : 5.089 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

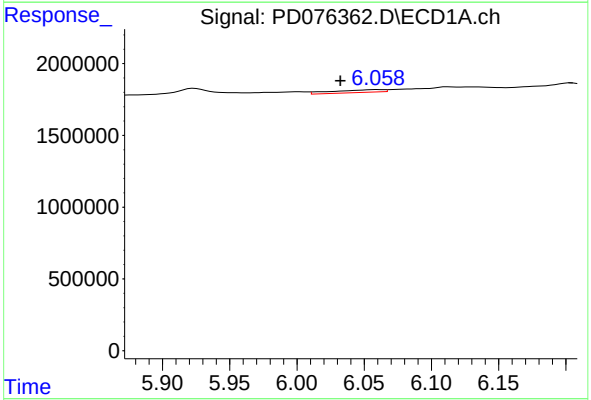
R.T.: 5.924 min
Delta R.T.: -0.029 min
Response: 2331475
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



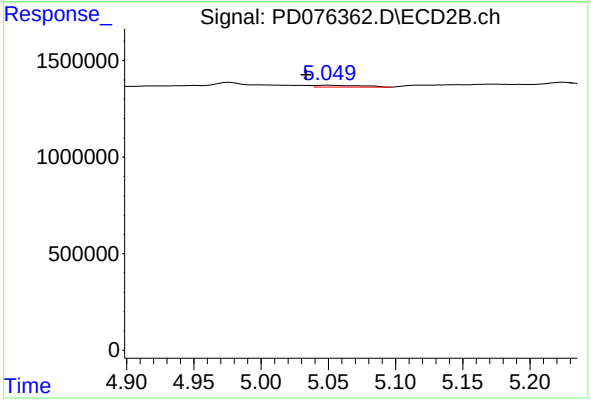
#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.007 min
Response: 587642
Conc: 0.30 ng/ml



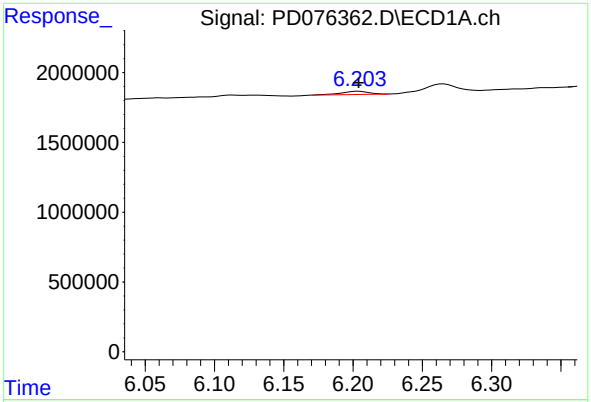
#11 alpha-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.028 min
Response: 498818
Conc: 0.10 ng/ml



#11 alpha-Chlordane

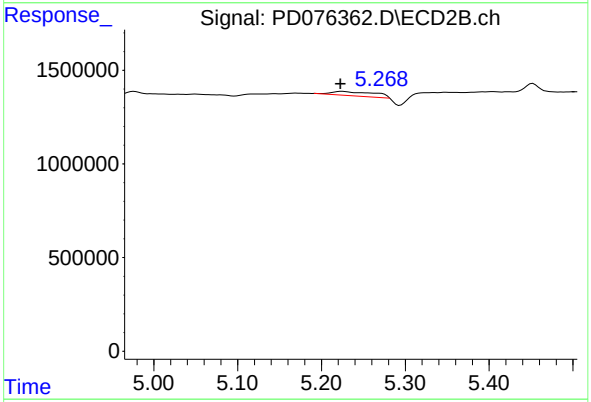
R.T.: 5.050 min
Delta R.T.: 0.017 min
Response: 216668
Conc: 0.11 ng/ml



#12 4,4'-DDE

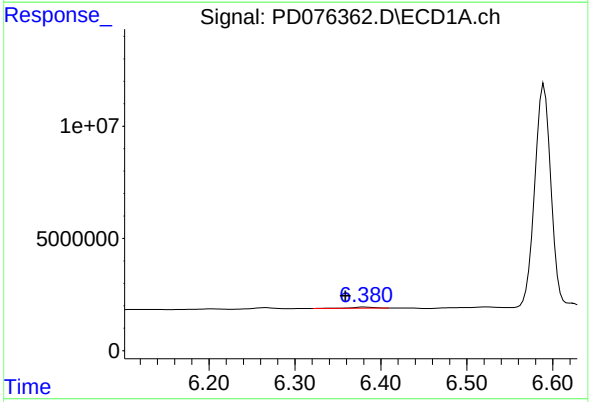
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 313681
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



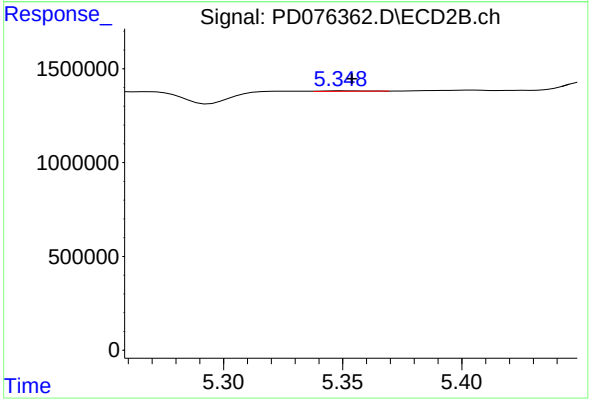
#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.002 min
Response: 802103
Conc: 0.52 ng/ml



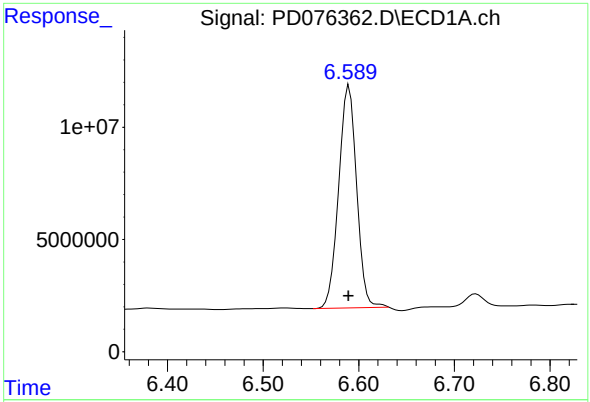
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.023 min
Response: 838675
Conc: 0.18 ng/ml



#13 Dieldrin

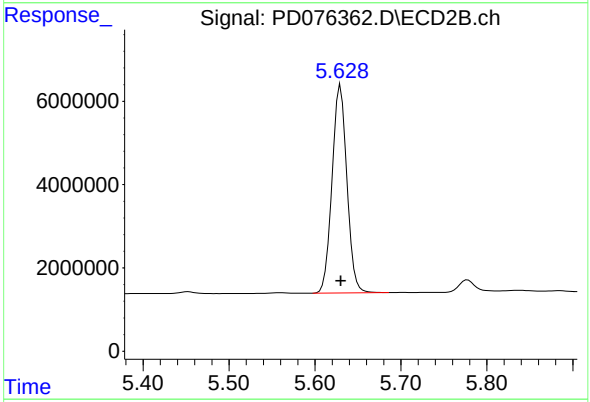
R.T.: 5.349 min
Delta R.T.: -0.004 min
Response: 32967
Conc: 0.02 ng/ml



#14 Endrin

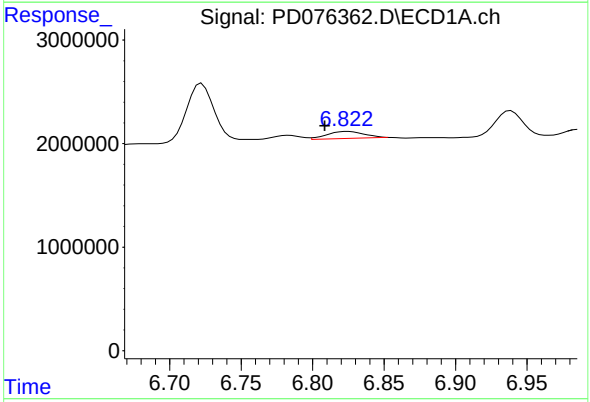
R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 129787619
Conc: 32.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



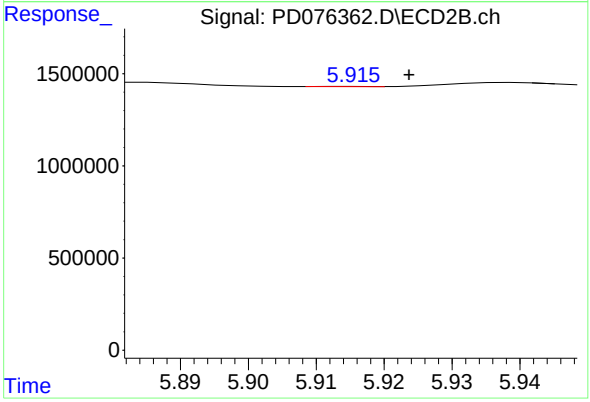
#14 Endrin

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 59757944
Conc: 33.86 ng/ml



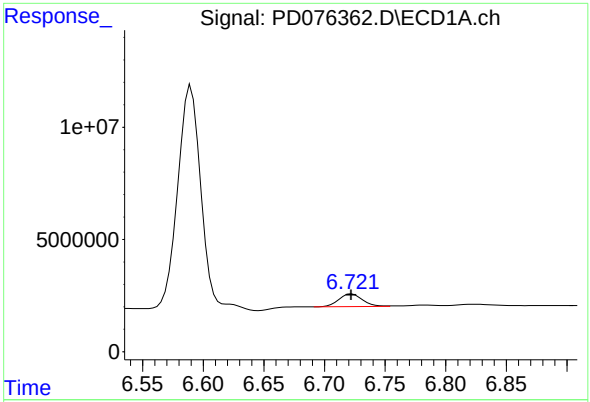
#15 Endosulfan II

R.T.: 6.825 min
Delta R.T.: 0.016 min
Response: 1270499
Conc: 0.34 ng/ml



#15 Endosulfan II

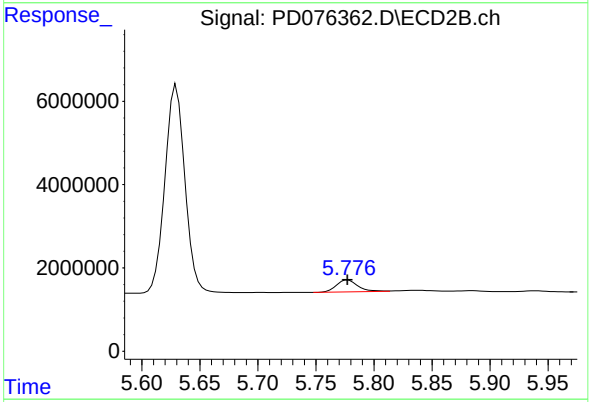
R.T.: 5.913 min
Delta R.T.: -0.010 min
Response: 5257
Conc: 0.00 ng/ml



#16 4,4'-DDD

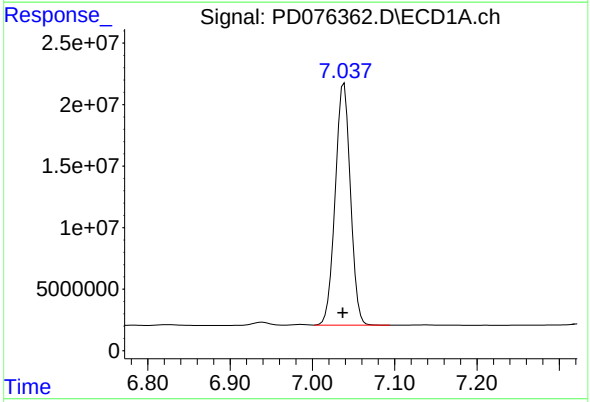
R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 7680885
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



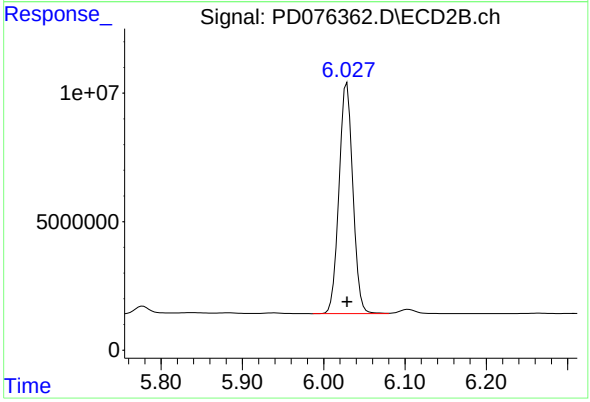
#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 3694016
Conc: 3.06 ng/ml



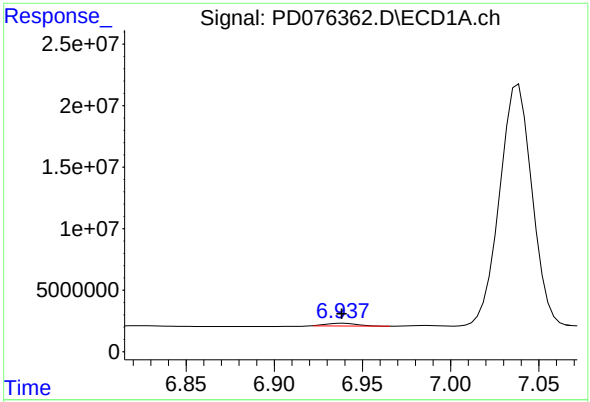
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.001 min
Response: 252576761
Conc: 71.84 ng/ml



#17 4,4'-DDT

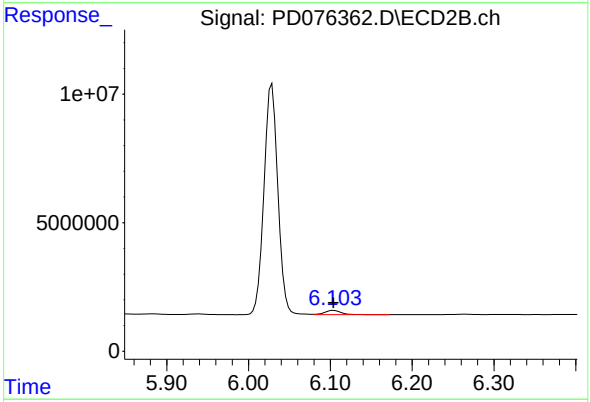
R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 106050165
Conc: 87.62 ng/ml



#18 Endrin aldehyde

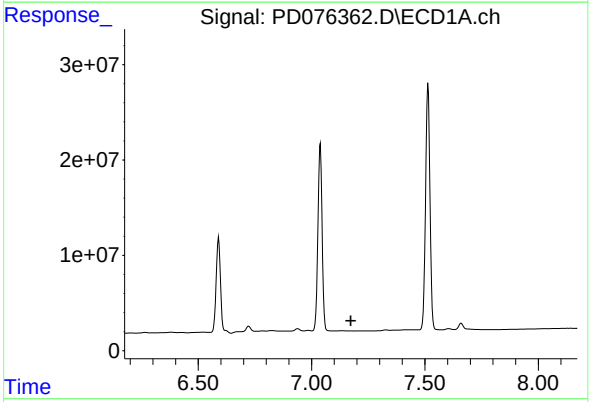
R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 2624043
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



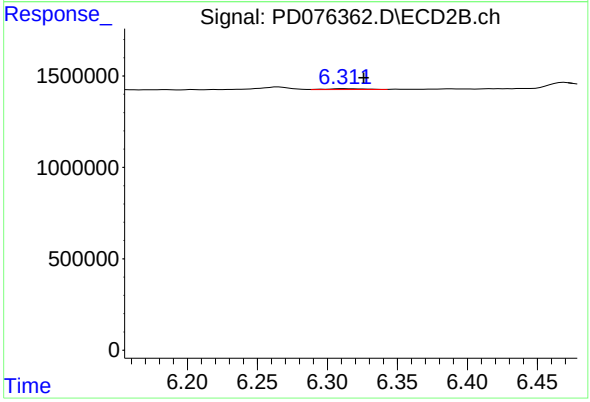
#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 2354000
Conc: 2.06 ng/ml



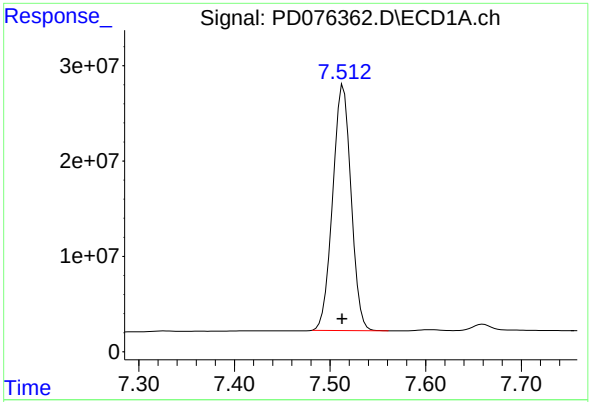
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.173 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

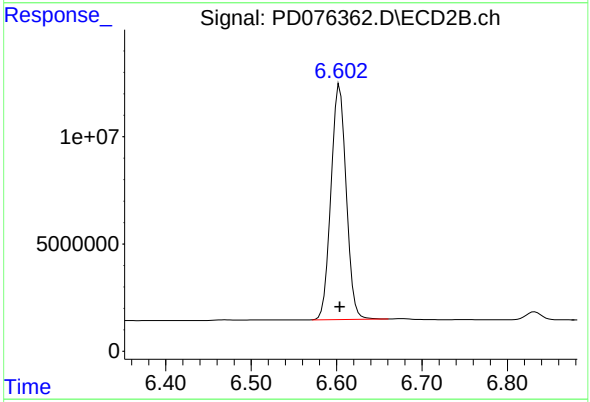
R.T.: 6.312 min
Delta R.T.: -0.014 min
Response: 82005
Conc: 0.05 ng/ml



#20 Methoxychlor

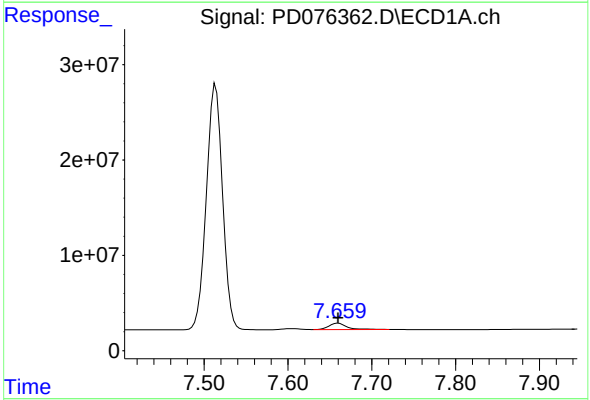
R.T.: 7.514 min
Delta R.T.: 0.001 min
Response: 344258010
Conc: 180.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



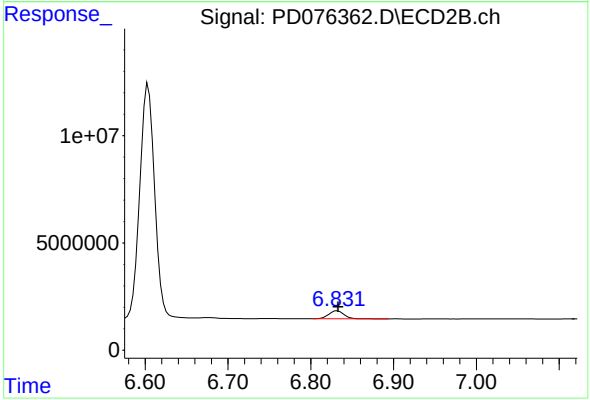
#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 135946493
Conc: 212.88 ng/ml



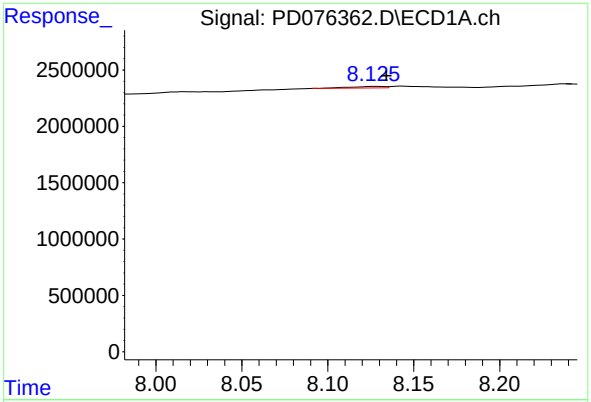
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 9878704
Conc: 2.37 ng/ml



#21 Endrin ketone

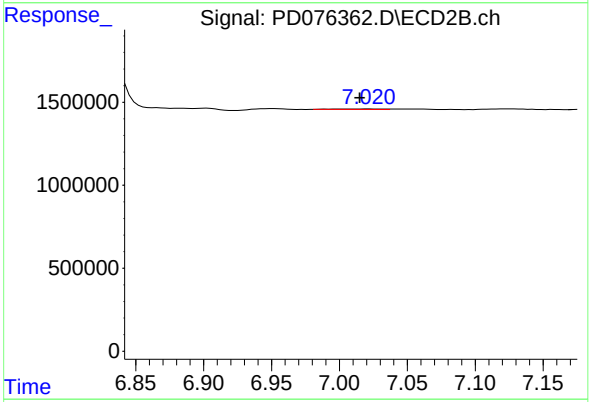
R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 4682112
Conc: 2.68 ng/ml



#22 Mirex

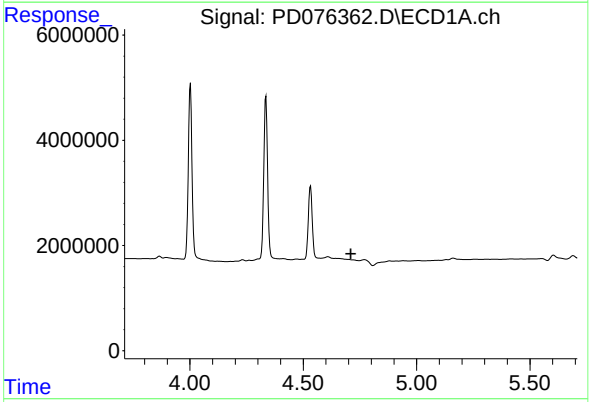
R.T.: 8.128 min
Delta R.T.: -0.006 min
Response: 186018
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



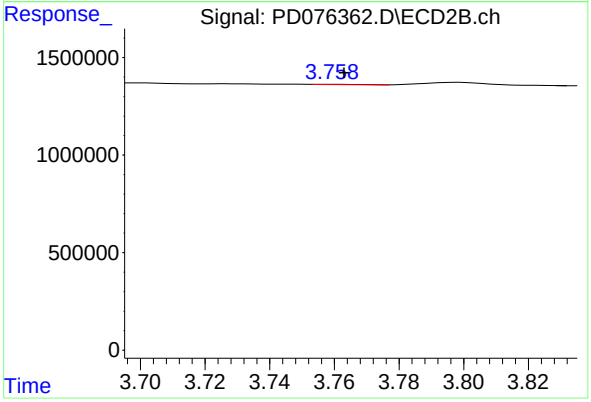
#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.006 min
Response: 73323
Conc: 0.05 ng/ml



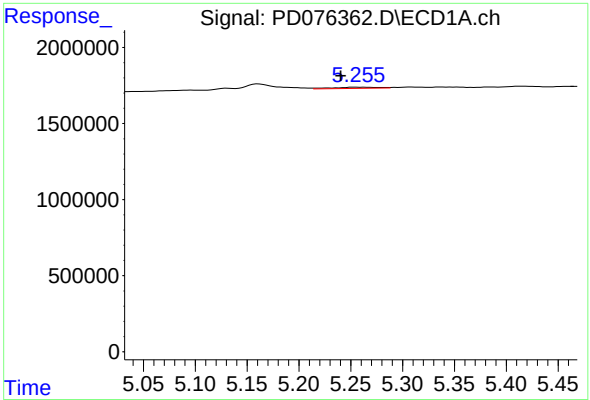
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#23 Chlordane-1

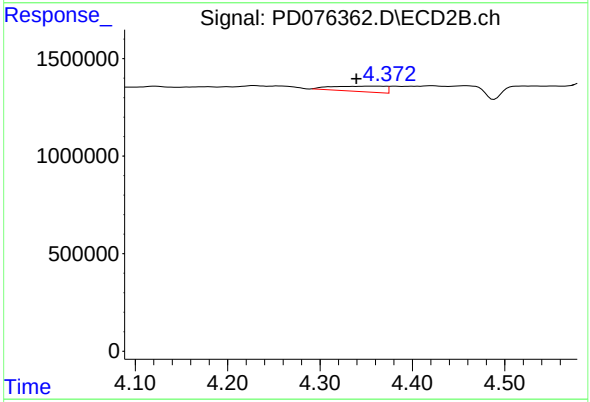
R.T.: 3.758 min
Delta R.T.: -0.005 min
Response: 19337
Conc: 0.44 ng/ml



#24 Chlordane-2

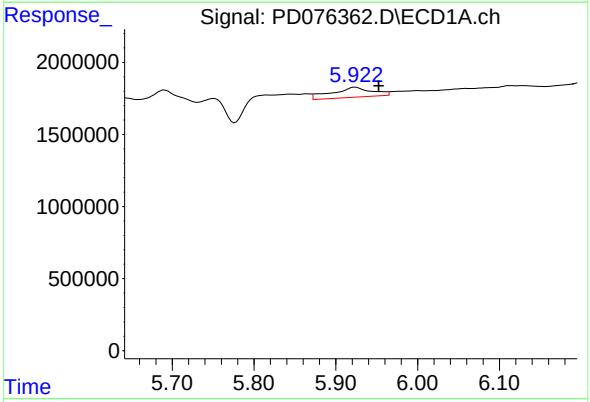
R.T.: 5.256 min
Delta R.T.: 0.016 min
Response: 234951
Conc: 1.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



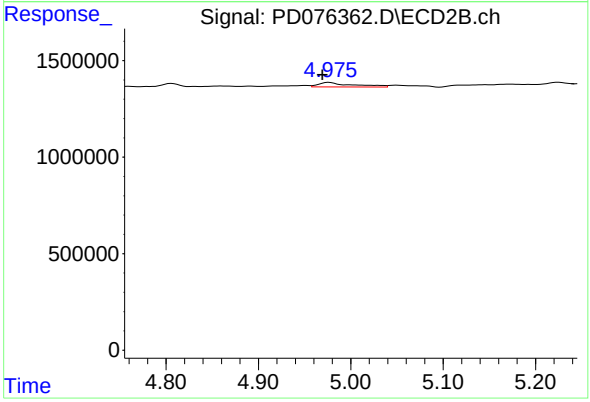
#24 Chlordane-2

R.T.: 4.352 min
Delta R.T.: 0.013 min
Response: 1116566
Conc: 22.98 ng/ml



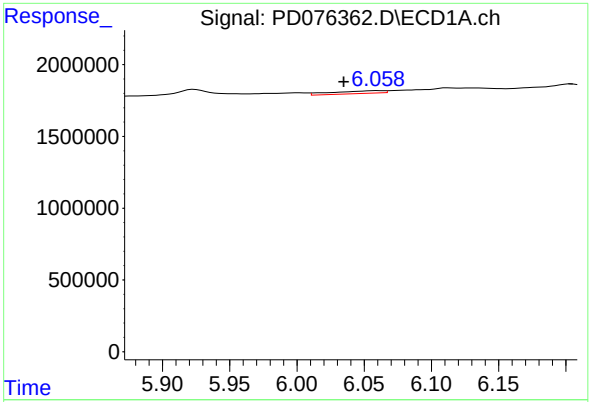
#25 Chlordane-3

R.T.: 5.924 min
Delta R.T.: -0.029 min
Response: 2331475
Conc: 4.61 ng/ml



#25 Chlordane-3

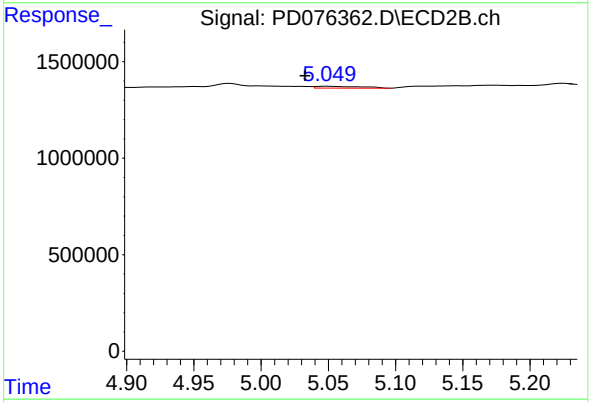
R.T.: 4.977 min
Delta R.T.: 0.008 min
Response: 587642
Conc: 4.19 ng/ml



#26 Chlordane-4

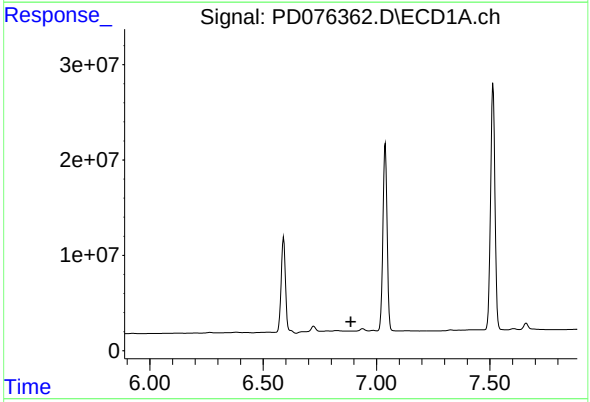
R.T.: 6.060 min
Delta R.T.: 0.025 min
Response: 498818
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



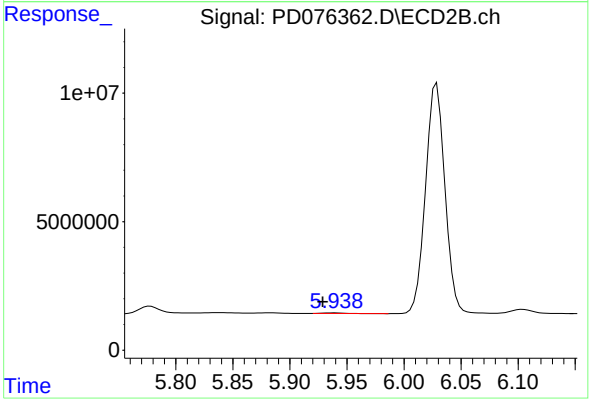
#26 Chlordane-4

R.T.: 5.050 min
Delta R.T.: 0.017 min
Response: 216668
Conc: 1.54 ng/ml



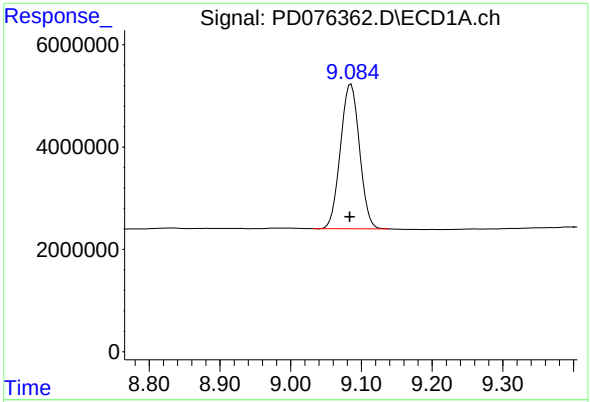
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



#27 Chlordane-5

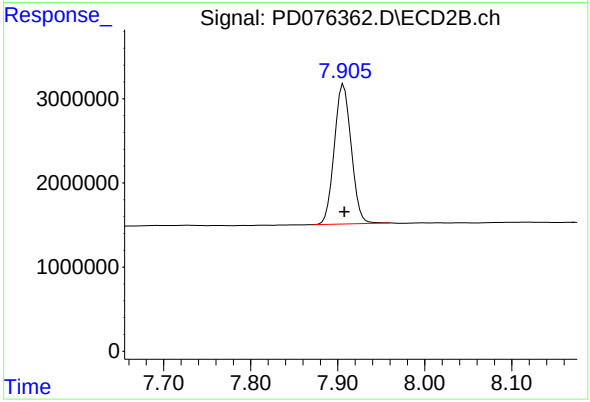
R.T.: 5.939 min
Delta R.T.: 0.010 min
Response: 344971
Conc: 7.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.002 min
Response: 53012671
Conc: 14.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 22446325
Conc: 17.84 ng/ml