

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081325\
 Data File : PD089874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Aug 2025 18:36
 Operator : AR\AJ
 Sample : Q2831-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-238

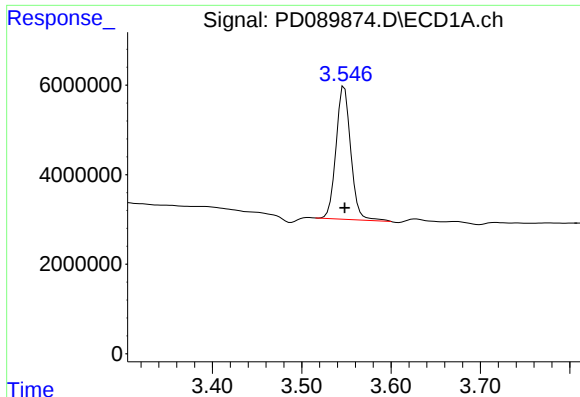
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 02:14:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.548	2.878	33904135	314.9E6	13.745	19.880 #
28)	SA Decachlor...	9.069	8.065	28545410	444.5E6	7.681	22.138 #
Target Compounds							
2)	A alpha-BHC	0.000	3.380	0	9359057	N.D.	0.385 #
3)	MA gamma-BHC...	4.333	3.718	5061538	7518311	1.065	0.334 #
4)	MA Heptachlor	4.926	0.000	731205	0	0.152	N.D. #
5)	MB Aldrin	0.000	4.349f	0	45825485	N.D.	2.059 #
6)	B beta-BHC	4.547f	4.039f	5834054	90787043	3.163	9.409 #
7)	B delta-BHC	4.775	4.251	2237755	3168759	0.488	0.140 #
8)	B Heptachlo...	5.685	4.868	-1528295	28102160	N.D.	1.368
9)	A Endosulfan I	0.000	5.264f	0	44845940	N.D.	2.294 #
10)	B gamma-Chl...	5.943	5.122	10956482	126.3E6	2.622	5.832 #
11)	B alpha-Chl...	6.027	5.185	31913552	326.6E6	7.591	15.687 #
12)	B 4,4'-DDE	6.195	5.371	5426734	136.7E6	1.455	6.469 #
13)	MA Dieldrin	6.343	5.506	408872	137.4E6	0.097	6.350 #
14)	MA Endrin	6.569	5.790	695698	22629771	0.194	1.136 #
15)	B Endosulfa...	6.792	6.085	1002530	16365789	0.273	0.871 #
16)	A 4,4'-DDD	6.719f	5.924	4919761	15120656	1.643	0.858 #
17)	MA 4,4'-DDT	7.017	6.177	13413470	113.2E6	3.992	6.159 #
18)	B Endrin al...	6.931f	6.275f	498880	14699329	0.200	1.138 #
19)	B Endosulfa...	7.141	6.475	1125860	10771069	0.324	0.580 #
20)	A Methoxychlor	0.000	6.731f	0	43060501	N.D.	4.396 #
21)	B Endrin ke...	7.612f	0.000	3033073	0	0.817	N.D. #
23)	Chlordane-1	4.711	3.901	1701428	167.1E6	10.215	228.499 #
24)	Chlordane-2	5.234	4.488	10557688	28092300	62.133	36.753 #
25)	Chlordane-3	5.943	5.122	10956482	126.3E6	15.976	54.566 #
26)	Chlordane-4	6.027	5.185	31913552	326.6E6	38.123	164.180 #
27)	Chlordane-5	6.868	6.085	2301766	16365789	15.956	18.089

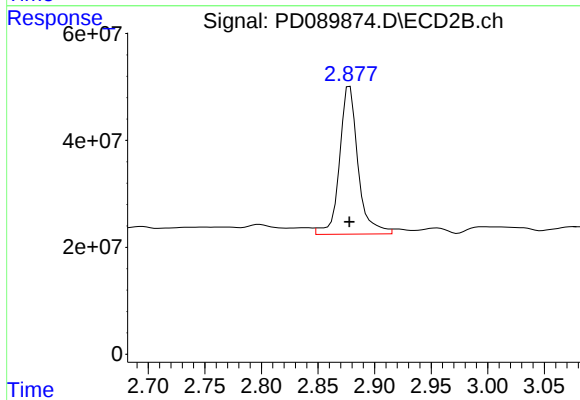
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

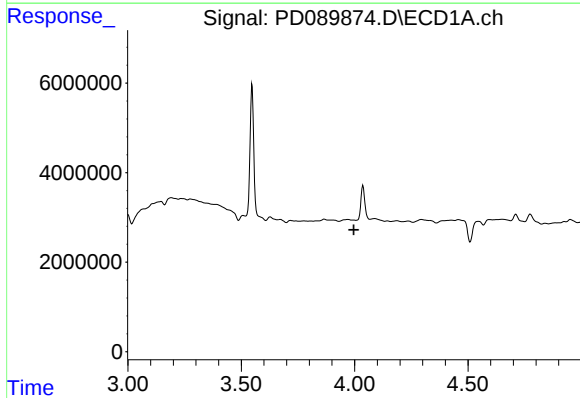
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 33904135
Conc: 13.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



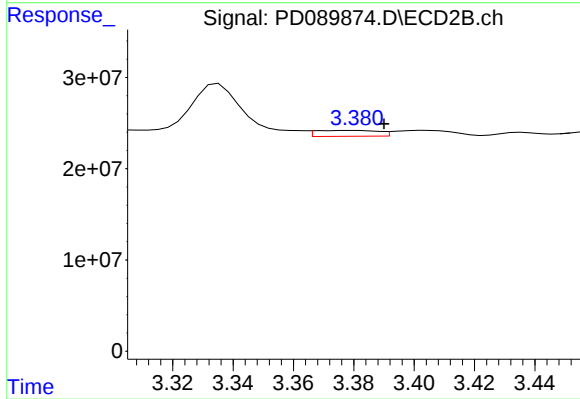
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 314855198
Conc: 19.88 ng/ml



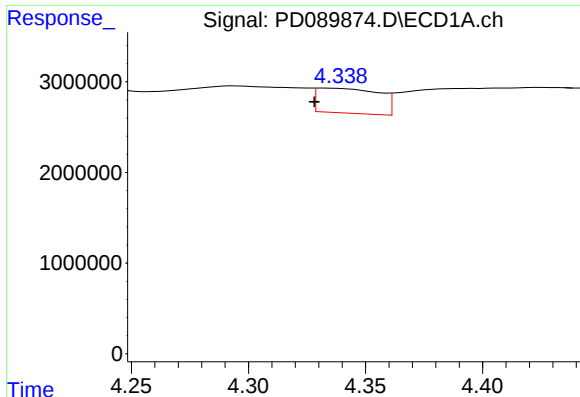
#2 alpha-BHC

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



#2 alpha-BHC

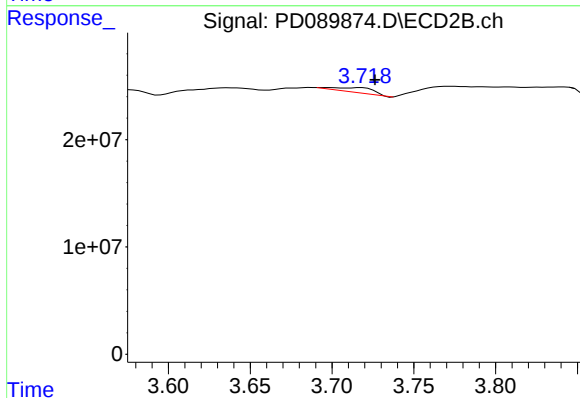
R.T.: 3.380 min
Delta R.T.: -0.010 min
Response: 9359057
Conc: 0.39 ng/ml



#3 gamma-BHC (Lindane)

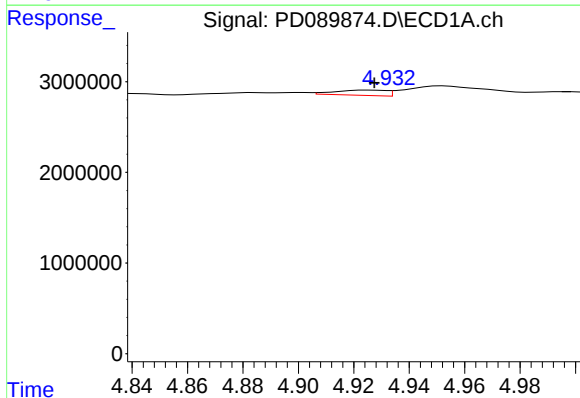
R.T.: 4.333 min
Delta R.T.: 0.004 min
Response: 5061538
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



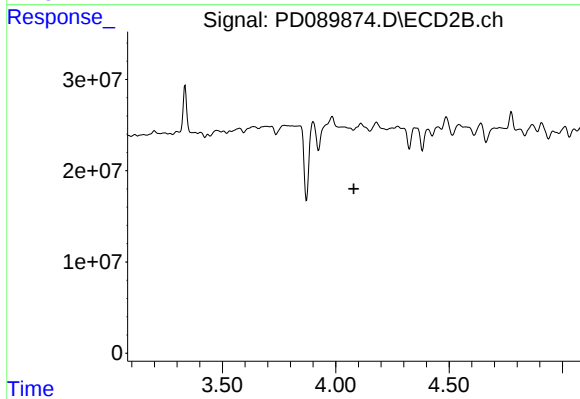
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.008 min
Response: 7518311
Conc: 0.33 ng/ml



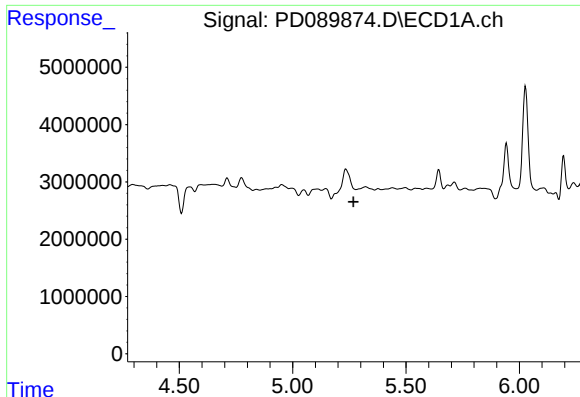
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 731205
Conc: 0.15 ng/ml



#4 Heptachlor

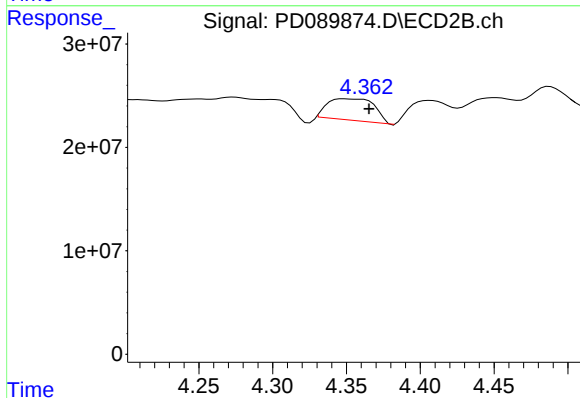
R.T.: 0.000 min
Exp R.T. : 4.079 min
Response: 0
Conc: N.D.



#5 Aldrin

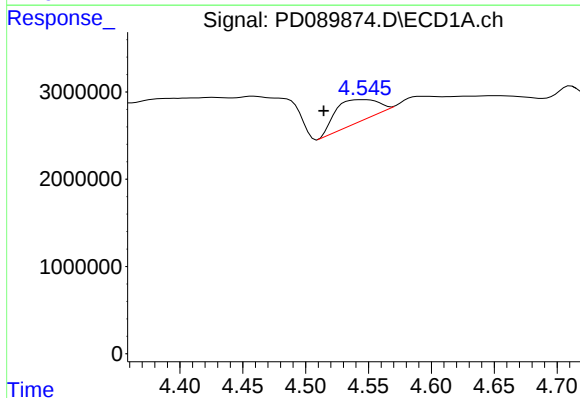
R.T.: 0.000 min
Exp R.T.: 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
VNJ-238



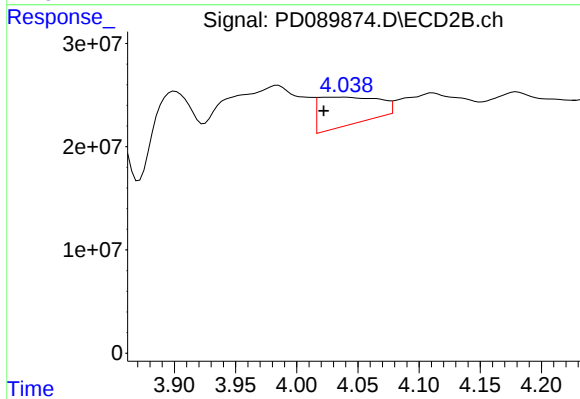
#5 Aldrin

R.T.: 4.349 min
Delta R.T.: -0.017 min
Response: 45825485
Conc: 2.06 ng/ml



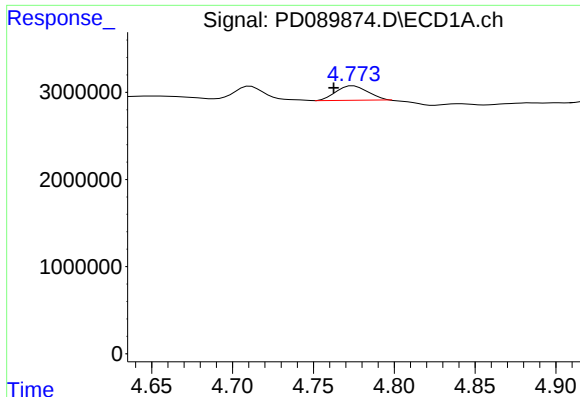
#6 beta-BHC

R.T.: 4.547 min
Delta R.T.: 0.032 min
Response: 5834054
Conc: 3.16 ng/ml



#6 beta-BHC

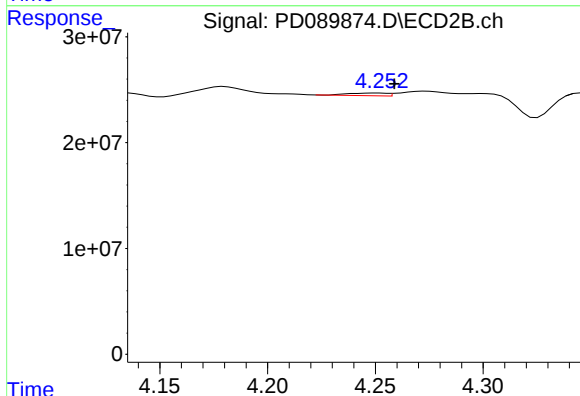
R.T.: 4.039 min
Delta R.T.: 0.017 min
Response: 90787043
Conc: 9.41 ng/ml



#7 delta-BHC

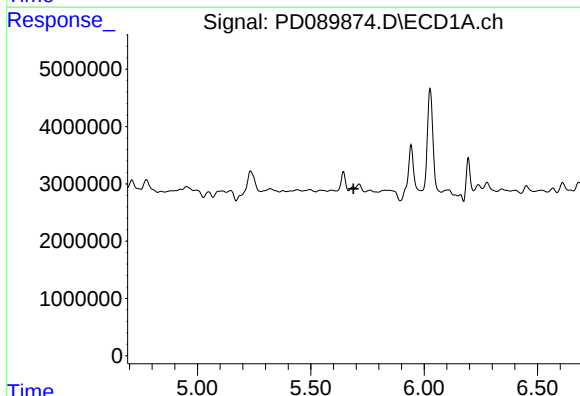
R.T.: 4.775 min
Delta R.T.: 0.012 min
Response: 2237755
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



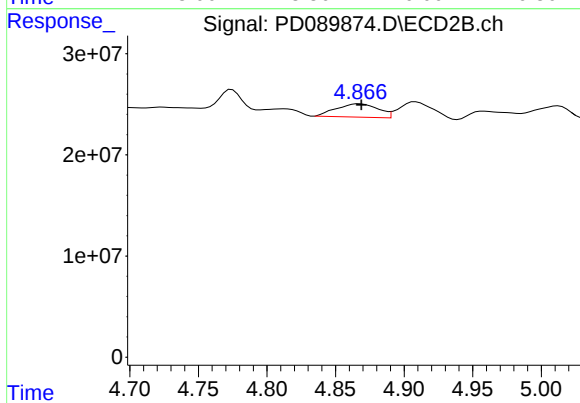
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.008 min
Response: 3168759
Conc: 0.14 ng/ml



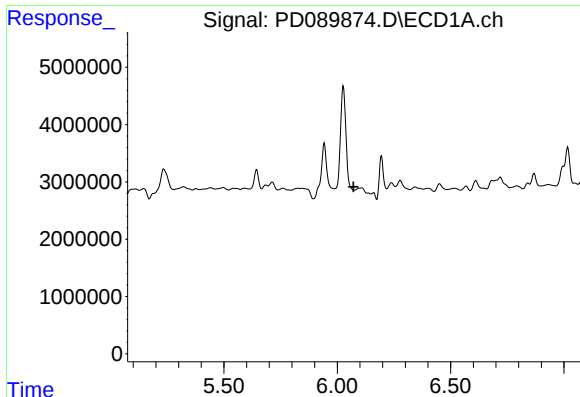
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.004 min
Response: -1528295
Conc: N.D.



#8 Heptachlor epoxide

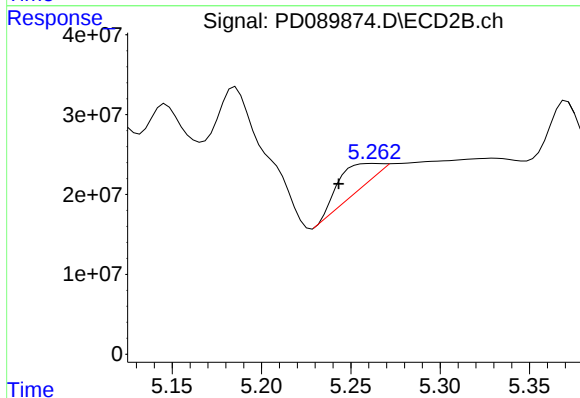
R.T.: 4.868 min
Delta R.T.: -0.001 min
Response: 28102160
Conc: 1.37 ng/ml



#9 Endosulfan I

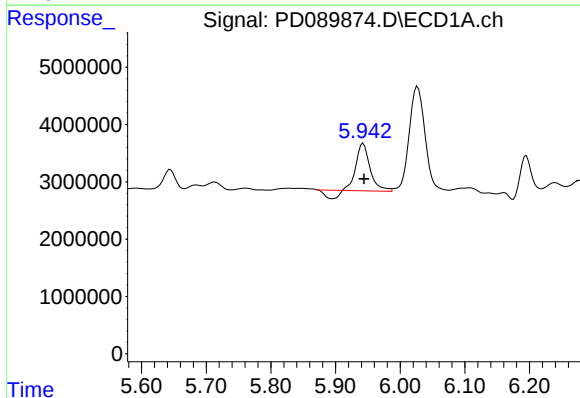
R.T.: 0.000 min
Exp R.T.: 6.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
VNJ-238



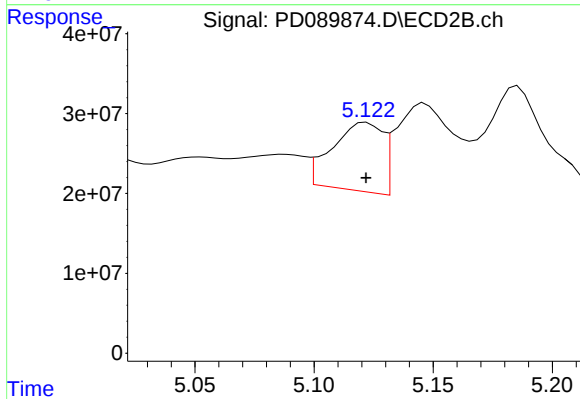
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: 0.021 min
Response: 44845940
Conc: 2.29 ng/ml



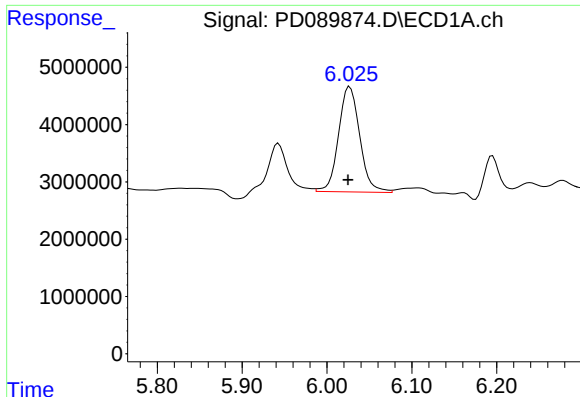
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 10956482
Conc: 2.62 ng/ml



#10 gamma-Chlordane

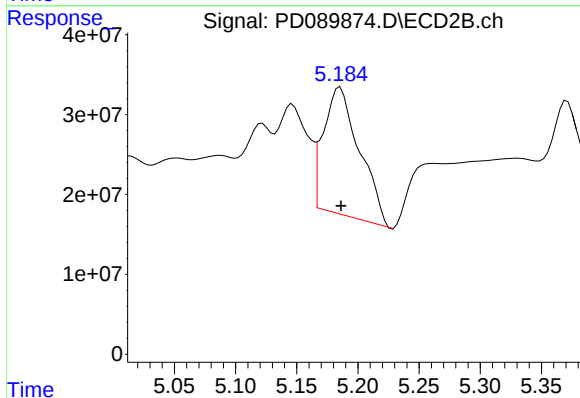
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 126280614
Conc: 5.83 ng/ml



#11 alpha-Chlordane

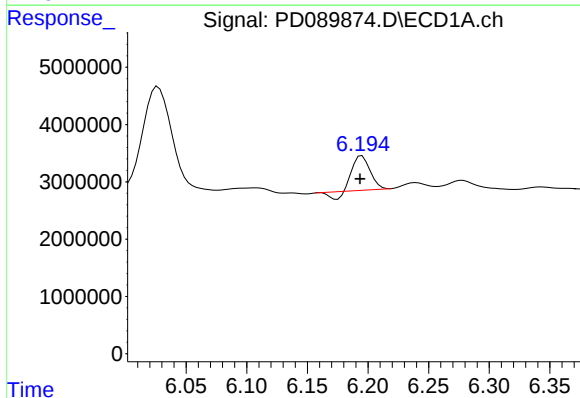
R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 31913552
Conc: 7.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



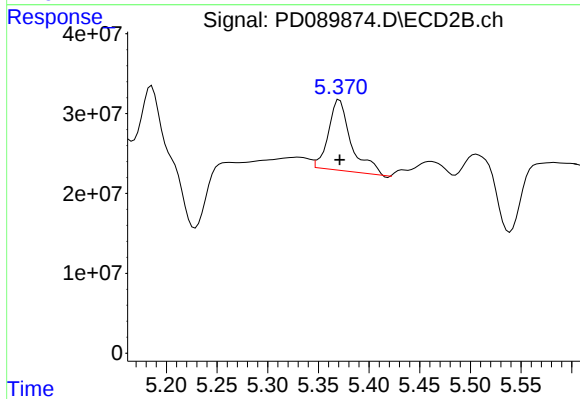
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 326642083
Conc: 15.69 ng/ml



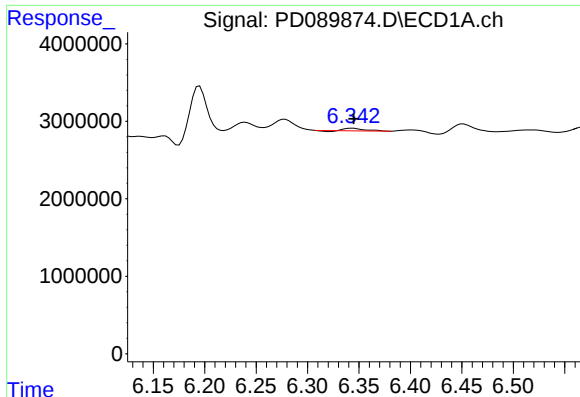
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 5426734
Conc: 1.45 ng/ml



#12 4,4'-DDE

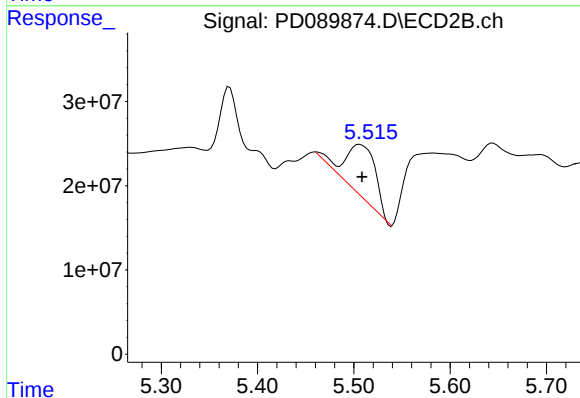
R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 136735411
Conc: 6.47 ng/ml



#13 Dieldrin

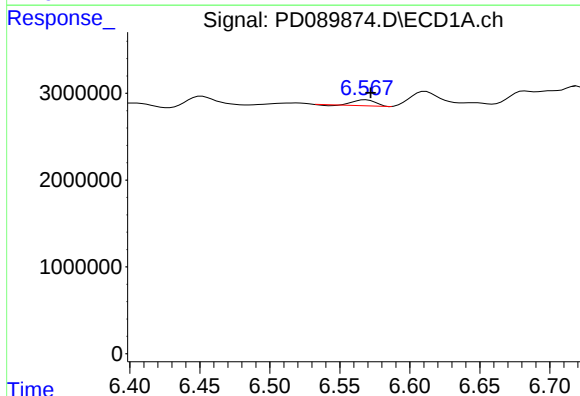
R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 408872
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



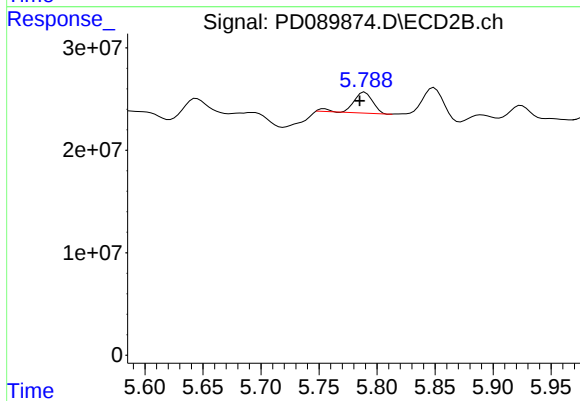
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 137402413
Conc: 6.35 ng/ml



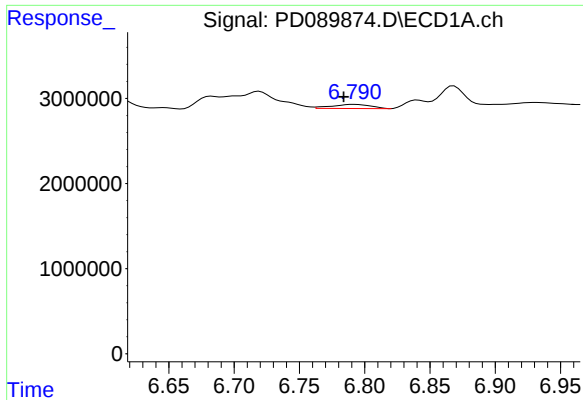
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 695698
Conc: 0.19 ng/ml



#14 Endrin

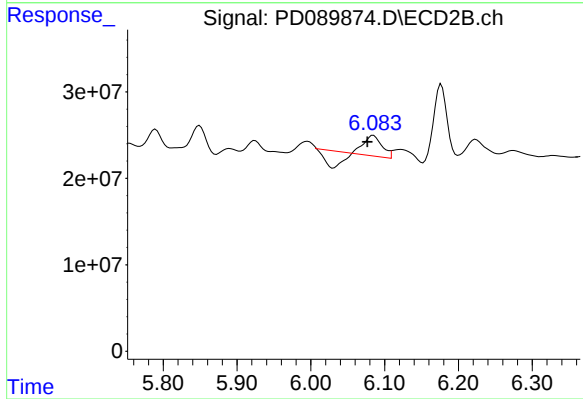
R.T.: 5.790 min
Delta R.T.: 0.004 min
Response: 22629771
Conc: 1.14 ng/ml



#15 Endosulfan II

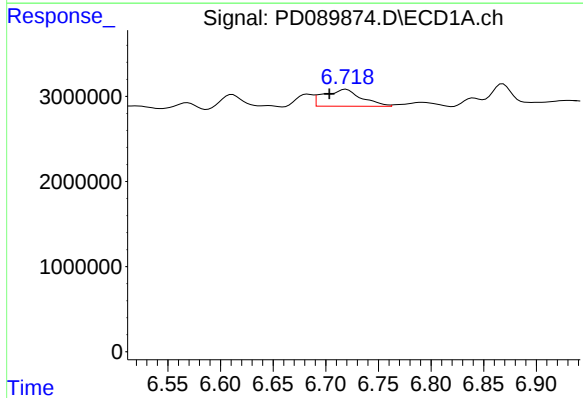
R.T.: 6.792 min
Delta R.T.: 0.008 min
Response: 1002530
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



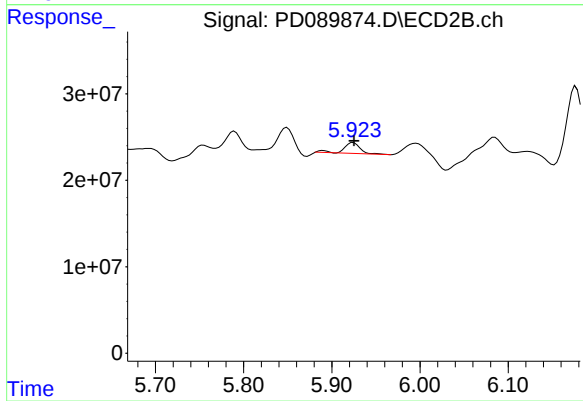
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 16365789
Conc: 0.87 ng/ml



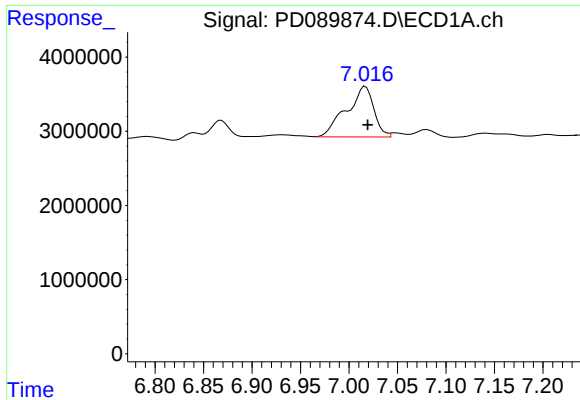
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.016 min
Response: 4919761
Conc: 1.64 ng/ml



#16 4,4'-DDD

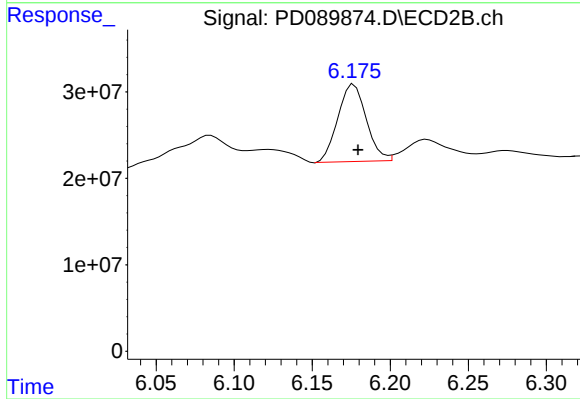
R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 15120656
Conc: 0.86 ng/ml



#17 4,4'-DDT

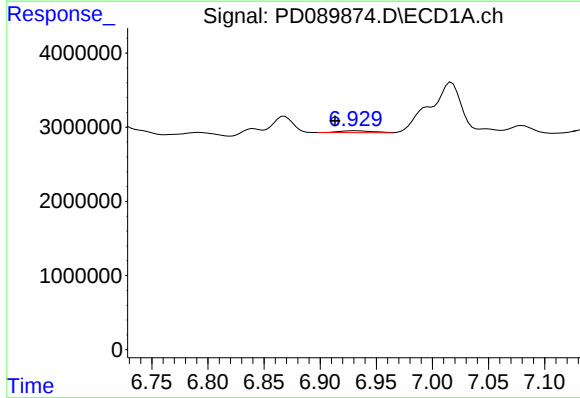
R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 13413470
Conc: 3.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



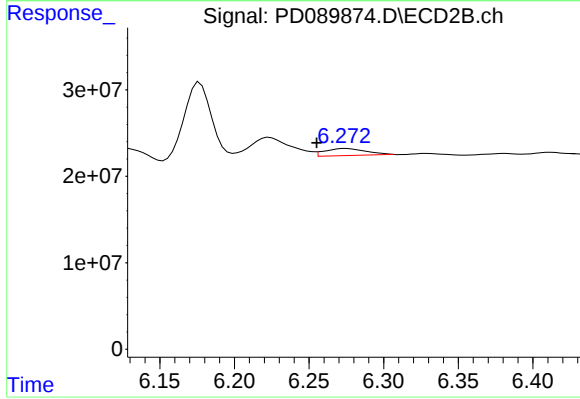
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.003 min
Response: 113152457
Conc: 6.16 ng/ml



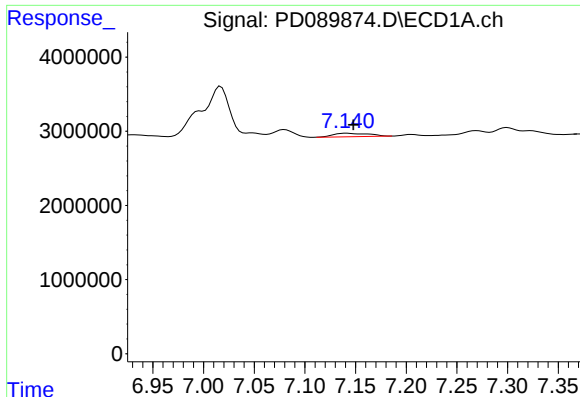
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.017 min
Response: 498880
Conc: 0.20 ng/ml



#18 Endrin aldehyde

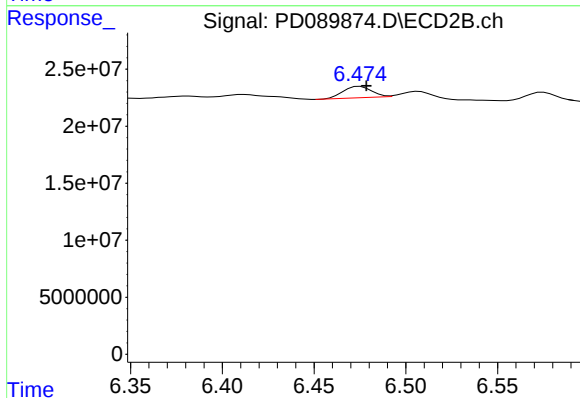
R.T.: 6.275 min
Delta R.T.: 0.020 min
Response: 14699329
Conc: 1.14 ng/ml



#19 Endosulfan Sulfate

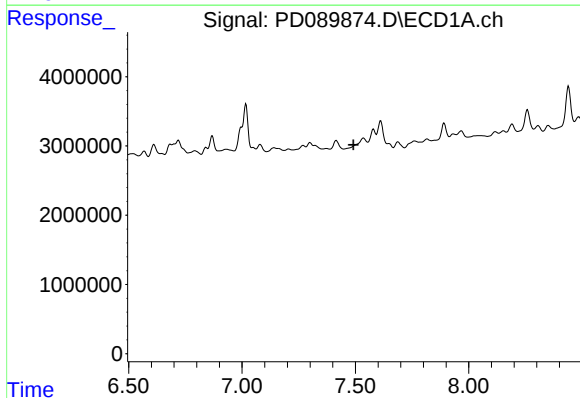
R.T.: 7.141 min
Delta R.T.: -0.007 min
Response: 1125860
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



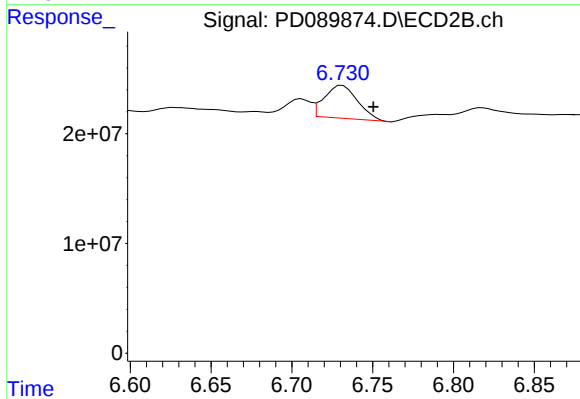
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 10771069
Conc: 0.58 ng/ml



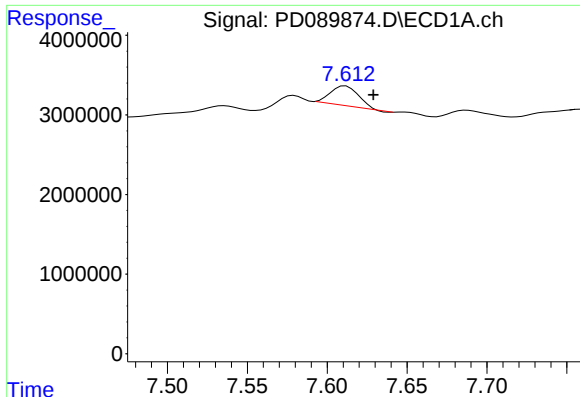
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.492 min
Response: 0
Conc: N.D.



#20 Methoxychlor

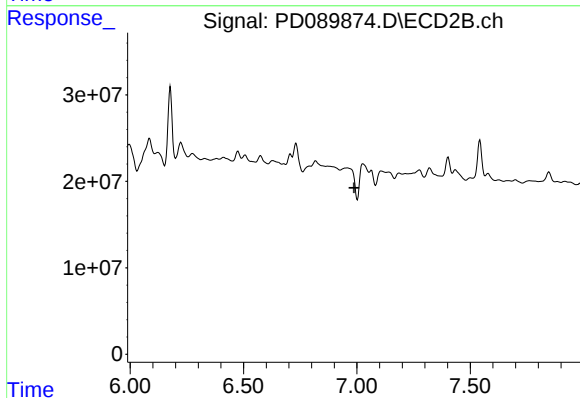
R.T.: 6.731 min
Delta R.T.: -0.019 min
Response: 43060501
Conc: 4.40 ng/ml



#21 Endrin ketone

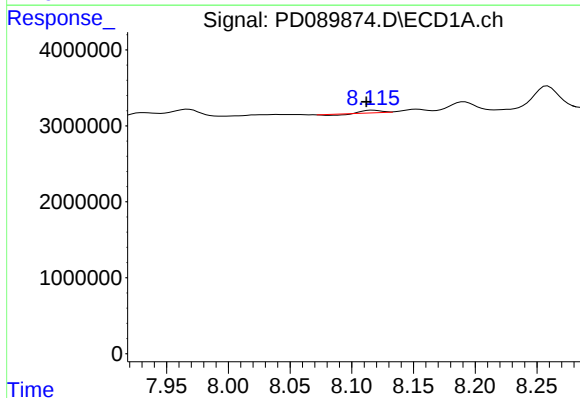
R.T.: 7.612 min
Delta R.T.: -0.017 min
Response: 3033073
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



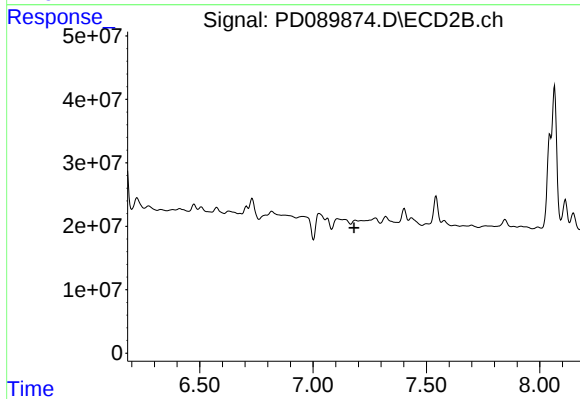
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.988 min
Response: 0
Conc: N.D.



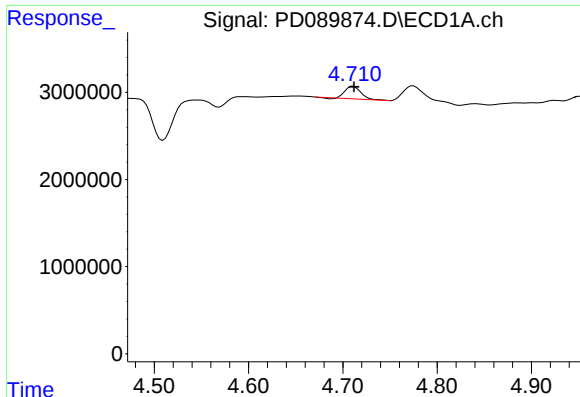
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.006 min
Response: 195784
Conc: 0.07 ng/ml



#22 Mirex

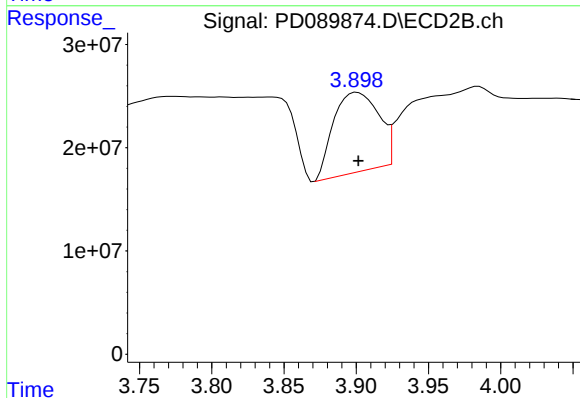
R.T.: 7.187 min
Delta R.T.: 0.006 min
Response: -4679098
Conc: N.D.



#23 Chlordane-1

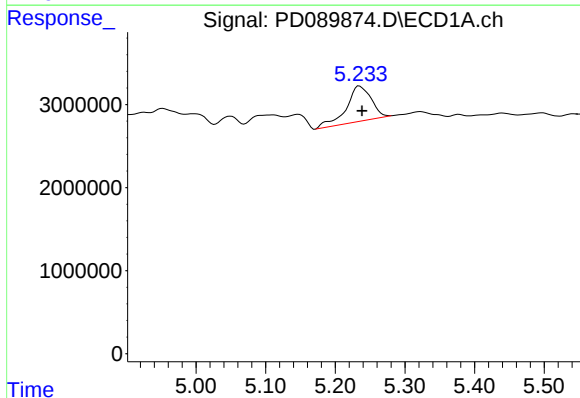
R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 1701428
Conc: 10.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



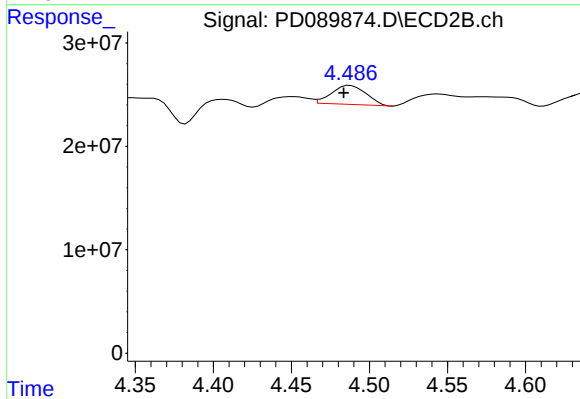
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.001 min
Response: 167123449
Conc: 228.50 ng/ml



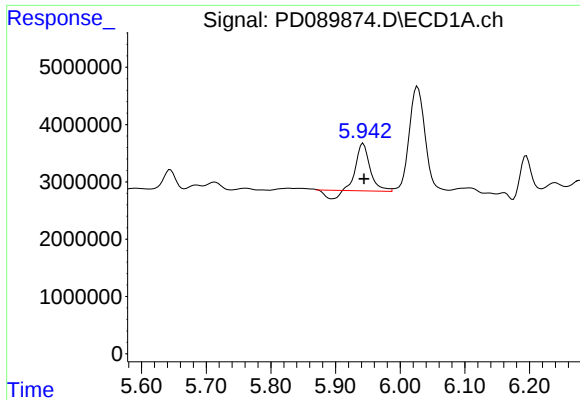
#24 Chlordane-2

R.T.: 5.234 min
Delta R.T.: -0.004 min
Response: 10557688
Conc: 62.13 ng/ml



#24 Chlordane-2

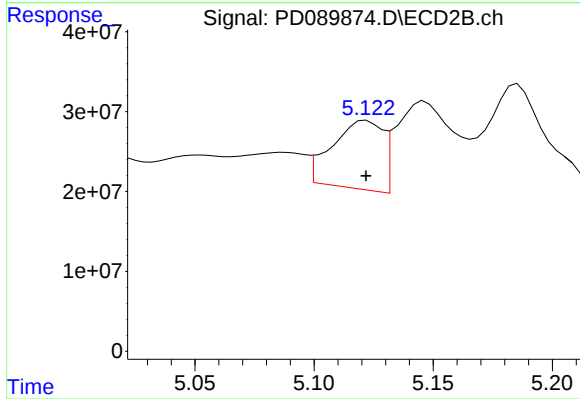
R.T.: 4.488 min
Delta R.T.: 0.004 min
Response: 28092300
Conc: 36.75 ng/ml



#25 Chlordane-3

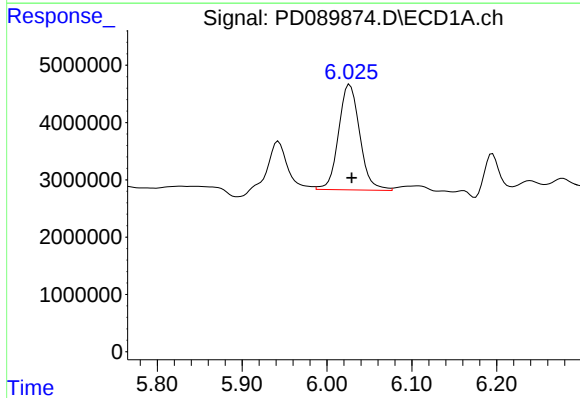
R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 10956482
Conc: 15.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



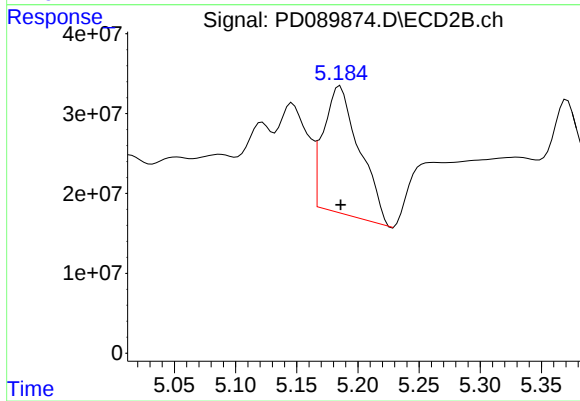
#25 Chlordane-3

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 126280614
Conc: 54.57 ng/ml



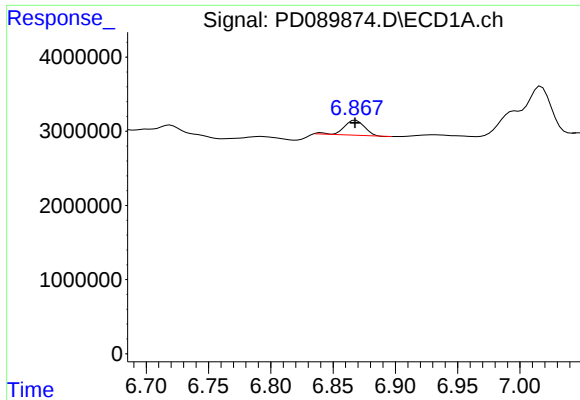
#26 Chlordane-4

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 31913552
Conc: 38.12 ng/ml



#26 Chlordane-4

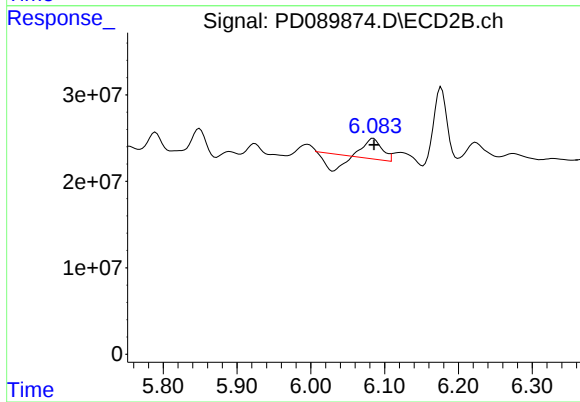
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 326642083
Conc: 164.18 ng/ml



#27 Chlordane-5

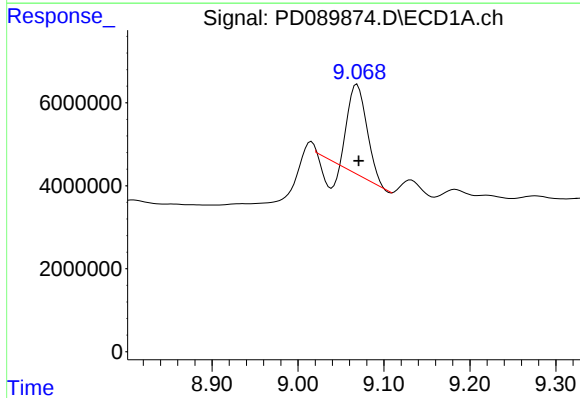
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 2301766
Conc: 15.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-238



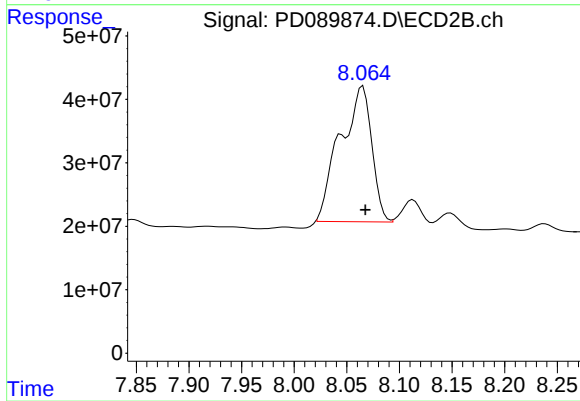
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 16365789
Conc: 18.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 28545410
Conc: 7.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 444492329
Conc: 22.14 ng/ml