

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040423\
 Data File : P0093794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2023 17:01
 Operator : YP/AJ
 Sample : 02174-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:04:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.422	3.627	89192754	30536320	23.860	23.980
2)	SA Decachlor...	10.250	8.650	59303877	26515312	26.511	26.521
Target Compounds							
3)	L1 AR-1016-1	5.600	0.000	1756325	0	17.174	N.D. #
4)	L1 AR-1016-2	5.618	0.000	722463	0	4.635	N.D. #
5)	L1 AR-1016-3	5.670	4.915	693917	314657	7.035	11.102 #
6)	L1 AR-1016-4	5.793	4.915	-236401	314657	N.D.	11.916 #
7)	L1 AR-1016-5	6.079	5.187	666200	951428	7.869	29.077 #
8)	L2 AR-1221-1	4.627	3.846	702590	-82438	15.234	N.D. #
9)	L2 AR-1221-2	4.725	3.924	2132671	642355	62.129	54.426
10)	L2 AR-1221-3	4.798	0.000	2044806	0	19.523	N.D. #
11)	L3 AR-1232-1	4.798	0.000	2044806	0	23.429	N.D. #
12)	L3 AR-1232-2	5.358	0.000	61000	0	1.426	N.D. #
13)	L3 AR-1232-3	5.618	4.915	722463	314657	9.835	23.857 #
15)	L3 AR-1232-5	5.876	5.187	683794	951428	21.528	61.587 #
16)	L4 AR-1242-1	5.600	0.000	1756325	0	20.122	N.D. #
17)	L4 AR-1242-2	5.618	0.000	722463	0	5.433	N.D. #
18)	L4 AR-1242-3	5.670	4.915	693917	314657	8.175	12.984 #
20)	L4 AR-1242-5	6.526	5.498	1495477	1192630	22.211	41.831 #
21)	L5 AR-1248-1	5.600	0.000	1756325	0	26.104	N.D. #
22)	L5 AR-1248-2	5.876	4.915	683794	314657	6.251	7.899 #
23)	L5 AR-1248-3	6.079	0.000	666200	0	5.519	N.D. #
24)	L5 AR-1248-4	6.490	5.187	1414845	951428	13.174	20.233 #
25)	L5 AR-1248-5	6.526	5.498f	1495477	1192630	12.889	31.945 #
26)	L6 AR-1254-1	6.467	5.498	2876377	1192630	21.208	17.448
27)	L6 AR-1254-2	6.683	0.000	375672	0	1.922	N.D. #
28)	L6 AR-1254-3	7.064	0.000	1016103	0	5.500	N.D. #
29)	L6 AR-1254-4	7.336	0.000	152162	0	1.500	N.D. #
30)	L6 AR-1254-5	7.773	0.000	1247587	0	9.200	N.D. #
31)	L7 AR-1260-1	7.238	0.000	339495	0	2.326	N.D. #
32)	L7 AR-1260-2	7.495	0.000	977657	0	6.108	N.D. #
33)	L7 AR-1260-3	7.835	6.524	120430	1730555	0.907	23.846 #
34)	L7 AR-1260-4	8.051	0.000	354292	0	2.572	N.D. #
35)	L7 AR-1260-5	8.399	7.235	275643	303590	1.266	2.926 #
36)	L8 AR-1262-1	7.835	6.860f	120430	912912	0.705	26.092 #
37)	L8 AR-1262-2	8.399	0.000	275643	0	1.186	N.D. #
38)	L8 AR-1262-3	8.705	7.553	129567	328435	0.791	6.564 #
39)	L8 AR-1262-4	8.802	7.596	2967738	378757	29.620	4.567 #
40)	L8 AR-1262-5	9.471	0.000	496581	0	6.170	N.D. #
41)	L9 AR-1268-1	8.705	7.553	129567	328435	0.385	2.150 #
42)	L9 AR-1268-2	8.802	7.596	2967738	378757	9.221	2.788 #
43)	L9 AR-1268-3	9.037	0.000	198439	0	0.700	N.D. #

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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.471	0.000	496581	0	5.136	N.D. #
45) L9	AR-1268-5	9.894	8.354f	117328	1492789	0.140	4.259 #

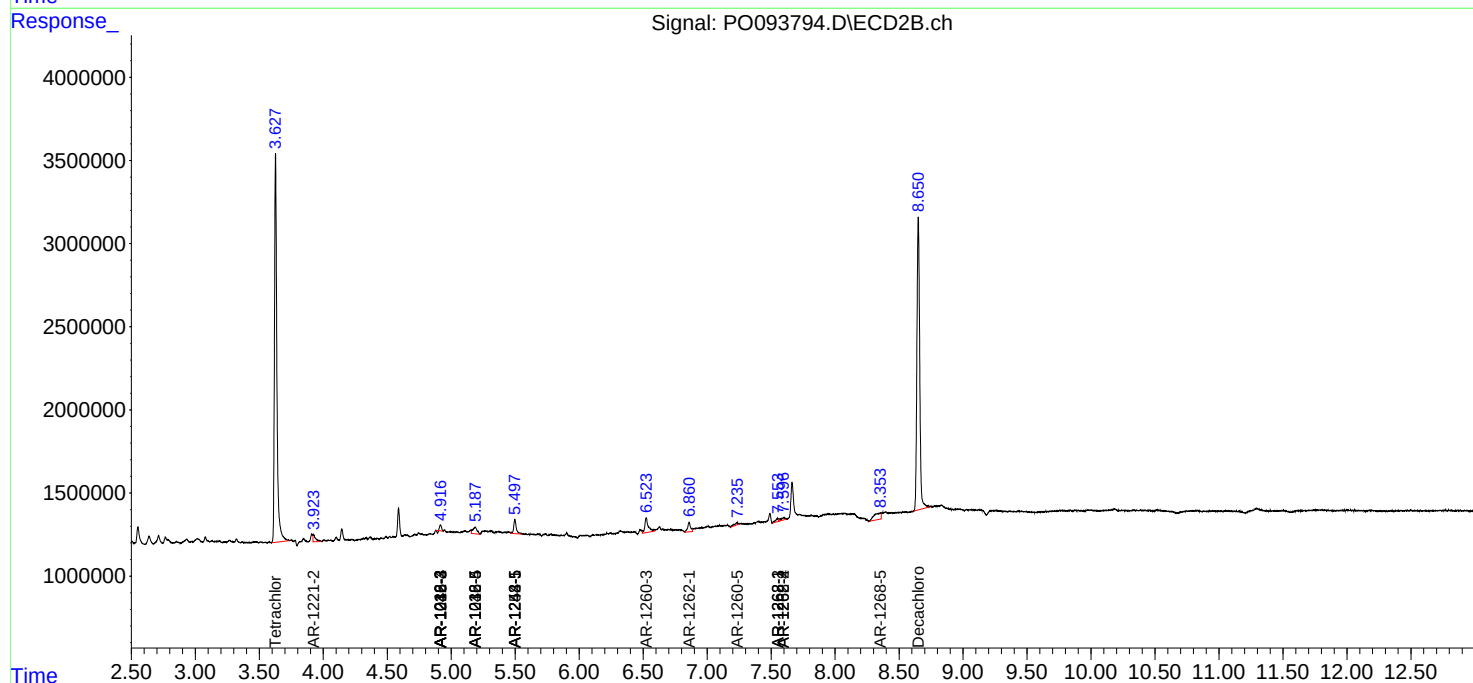
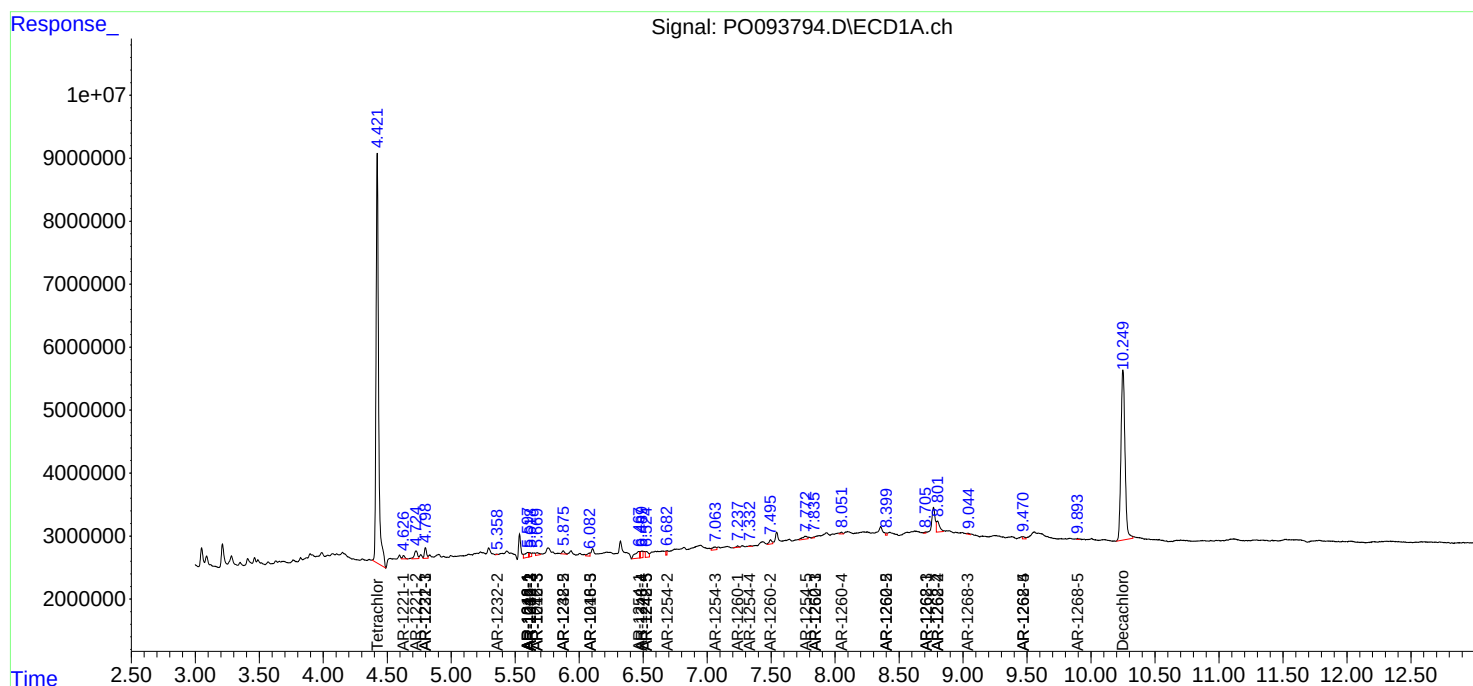
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

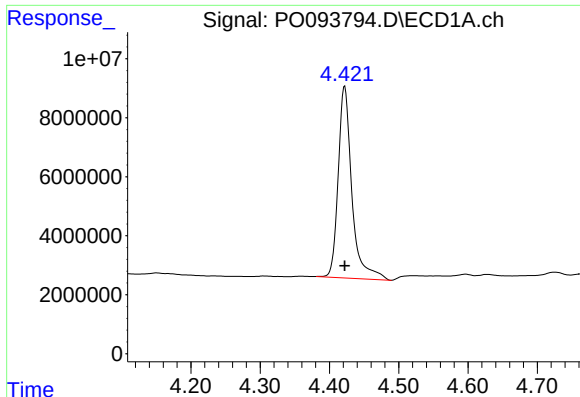
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

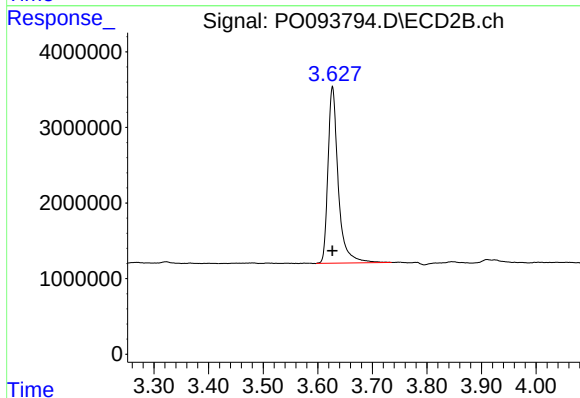




#1 Tetrachloro-m-xylene

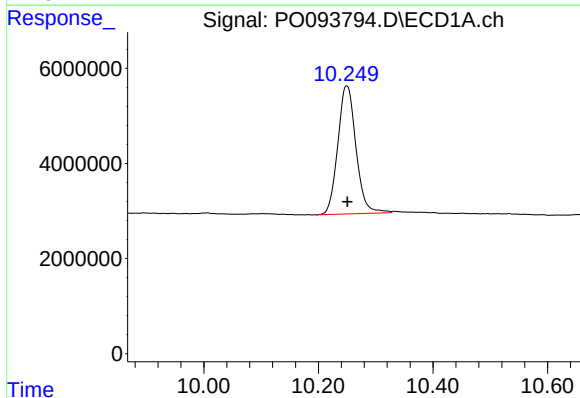
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 89192754
Conc: 23.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



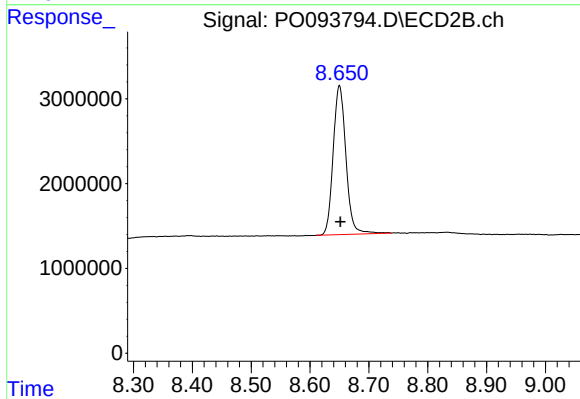
#1 Tetrachloro-m-xylene

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 30536320
Conc: 23.98 ng/ml



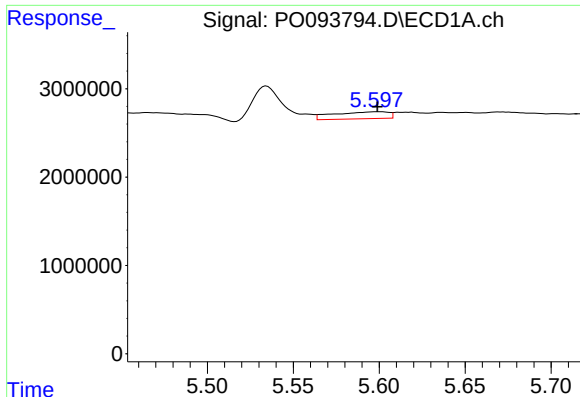
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.001 min
Response: 59303877
Conc: 26.51 ng/ml



#2 Decachlorobiphenyl

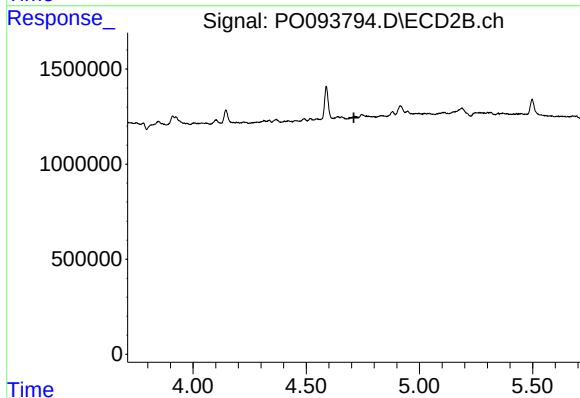
R.T.: 8.650 min
Delta R.T.: -0.001 min
Response: 26515312
Conc: 26.52 ng/ml



#3 AR-1016-1

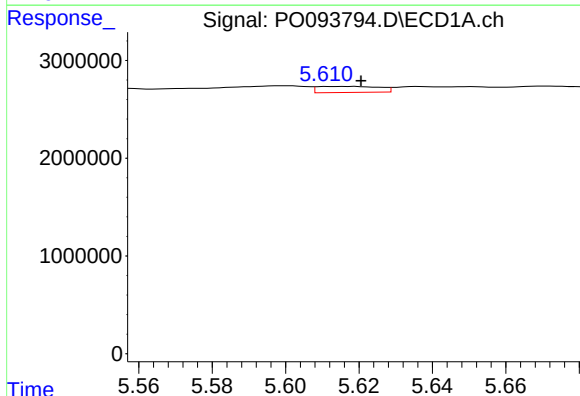
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 1756325
Conc: 17.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



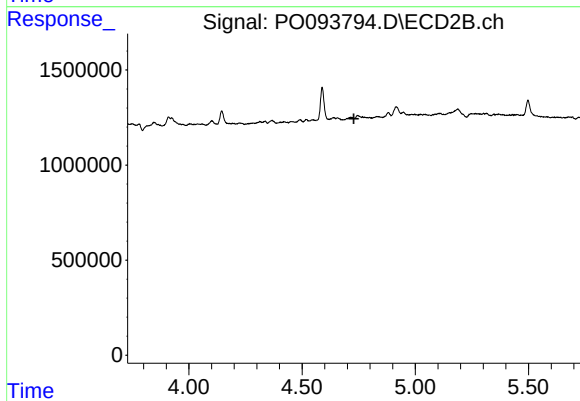
#3 AR-1016-1

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



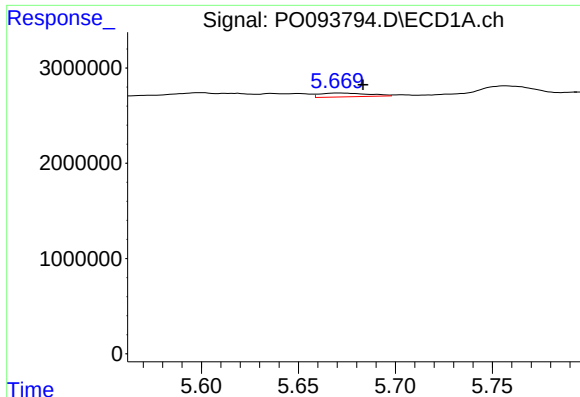
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 722463
Conc: 4.64 ng/ml



#4 AR-1016-2

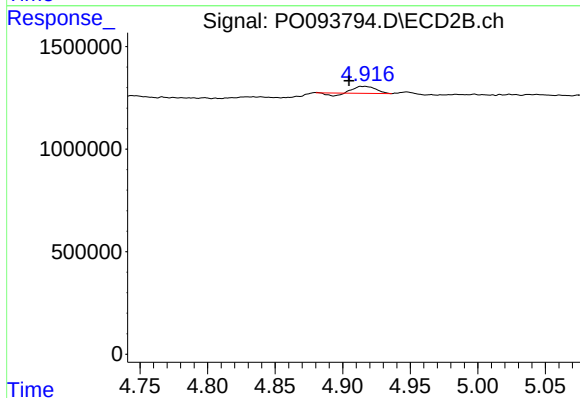
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

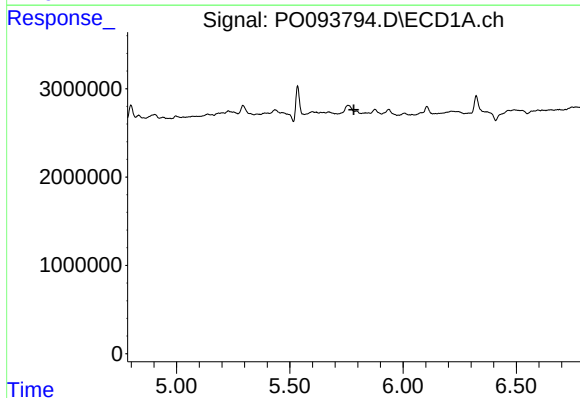
R.T.: 5.670 min
Delta R.T.: -0.013 min
Response: 693917
Conc: 7.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



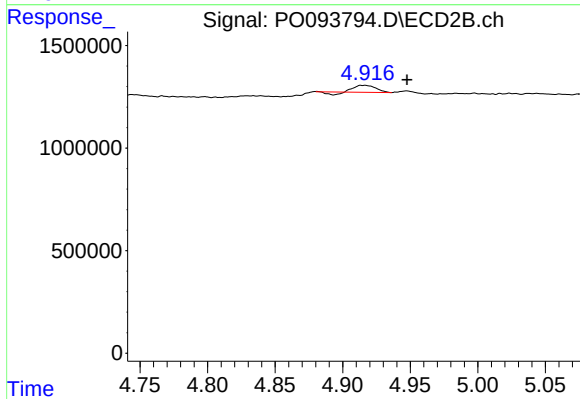
#5 AR-1016-3

R.T.: 4.915 min
Delta R.T.: 0.011 min
Response: 314657
Conc: 11.10 ng/ml



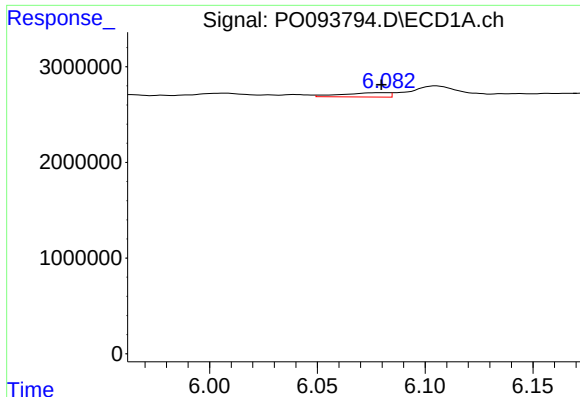
#6 AR-1016-4

R.T.: 5.793 min
Delta R.T.: 0.011 min
Response: -236401
Conc: N.D.



#6 AR-1016-4

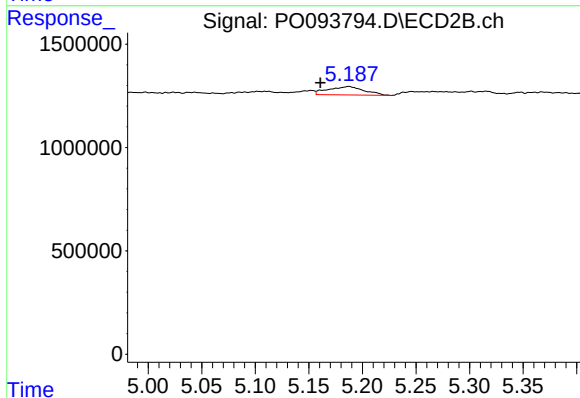
R.T.: 4.915 min
Delta R.T.: -0.032 min
Response: 314657
Conc: 11.92 ng/ml



#7 AR-1016-5

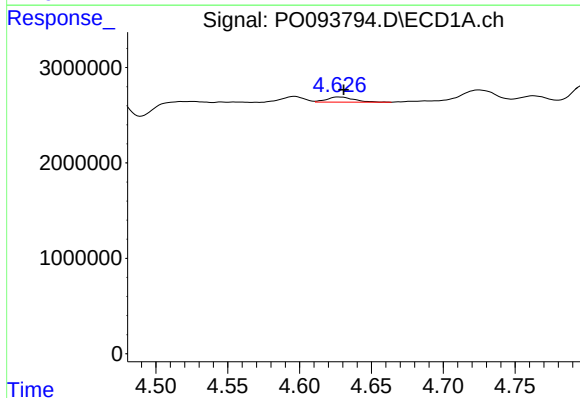
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 666200
Conc: 7.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



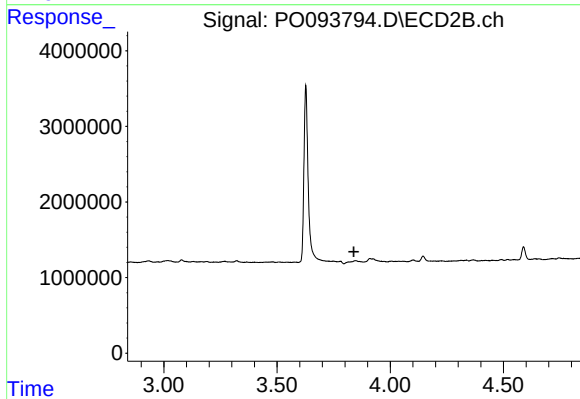
#7 AR-1016-5

R.T.: 5.187 min
Delta R.T.: 0.027 min
Response: 951428
Conc: 29.08 ng/ml



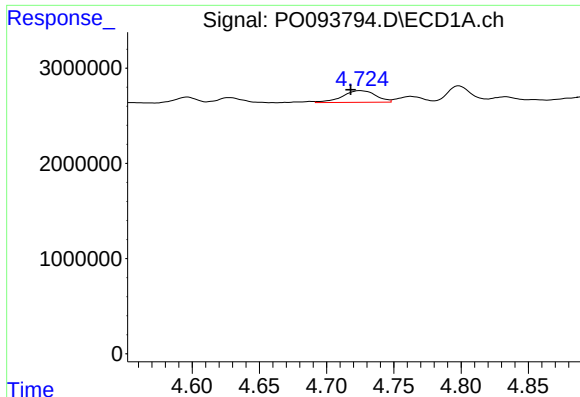
#8 AR-1221-1

R.T.: 4.627 min
Delta R.T.: -0.003 min
Response: 702590
Conc: 15.23 ng/ml



#8 AR-1221-1

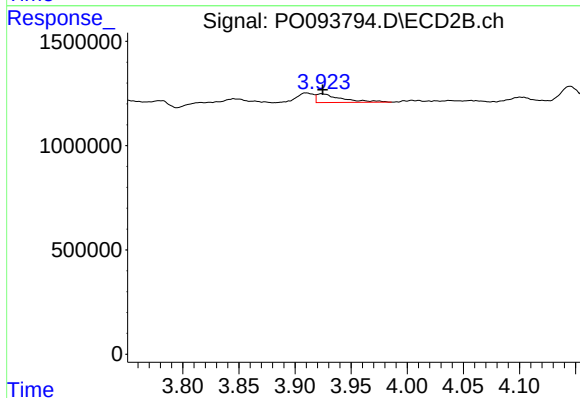
R.T.: 3.846 min
Delta R.T.: 0.006 min
Response: -82438
Conc: N.D.



#9 AR-1221-2

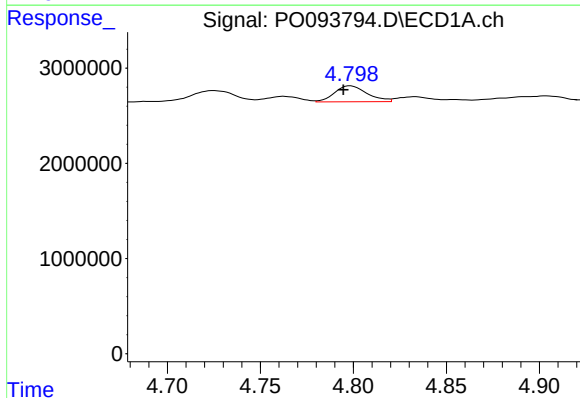
R.T.: 4.725 min
Delta R.T.: 0.007 min
Response: 2132671
Conc: 62.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



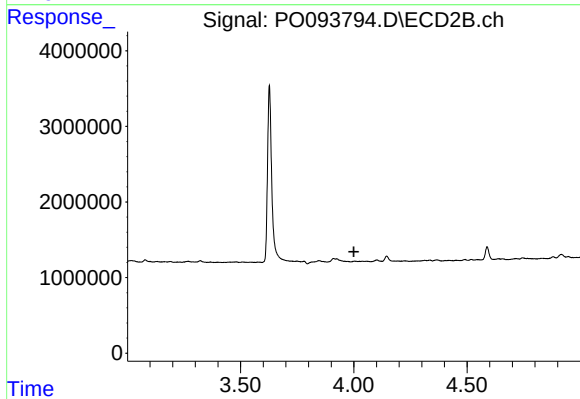
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 642355
Conc: 54.43 ng/ml



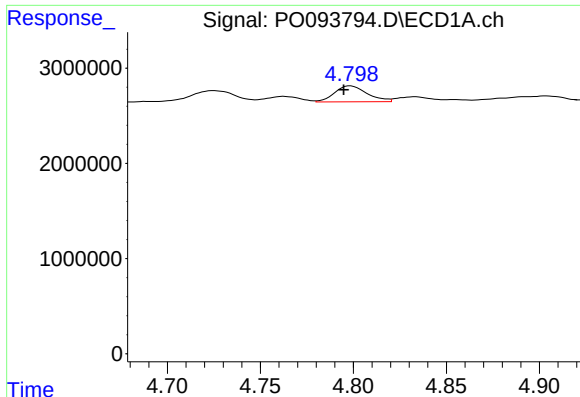
#10 AR-1221-3

R.T.: 4.798 min
Delta R.T.: 0.004 min
Response: 2044806
Conc: 19.52 ng/ml



#10 AR-1221-3

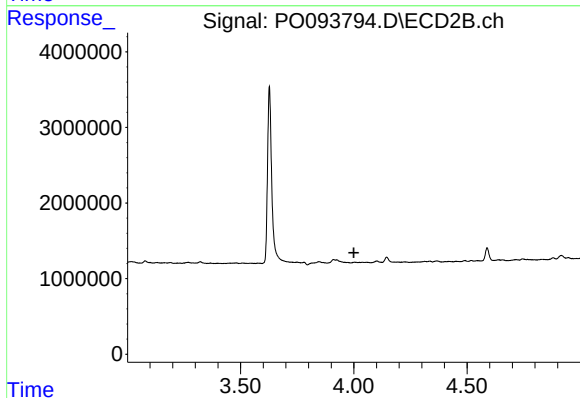
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

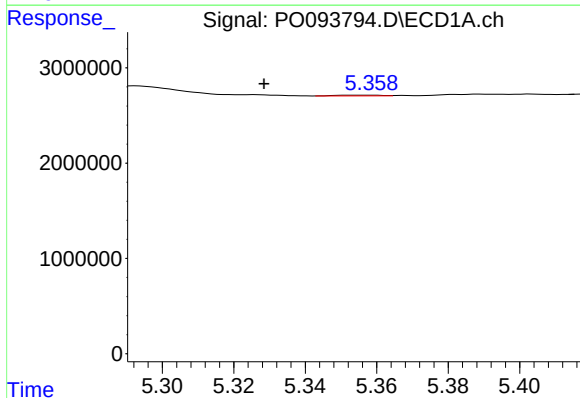
R.T.: 4.798 min
Delta R.T.: 0.004 min
Response: 2044806
Conc: 23.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



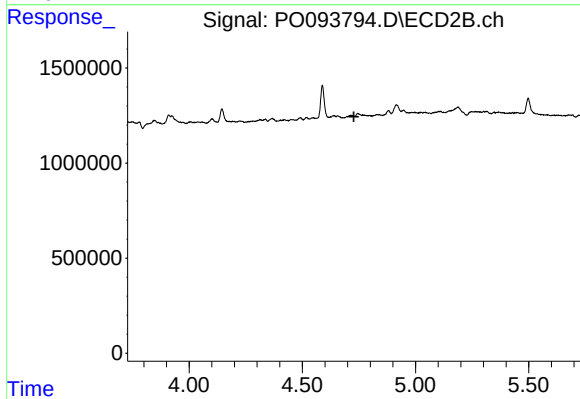
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



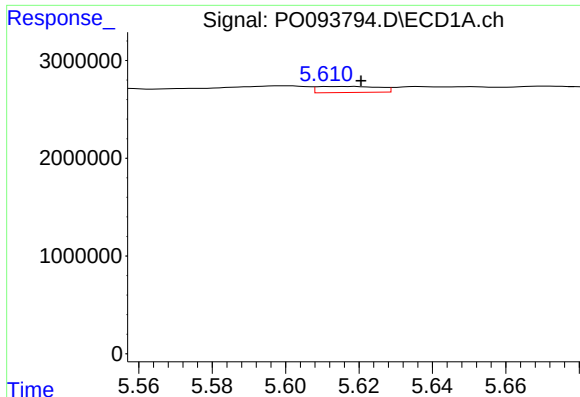
#12 AR-1232-2

R.T.: 5.358 min
Delta R.T.: 0.029 min
Response: 61000
Conc: 1.43 ng/ml



#12 AR-1232-2

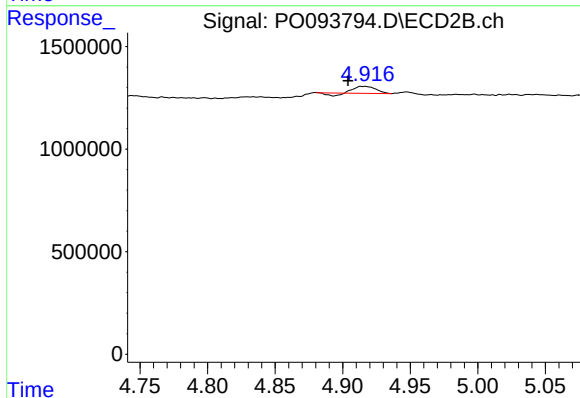
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

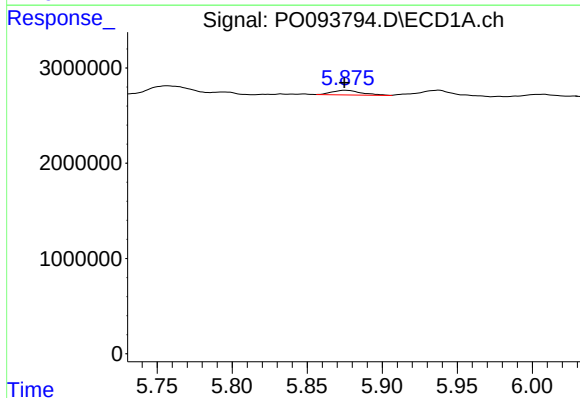
R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 722463
Conc: 9.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



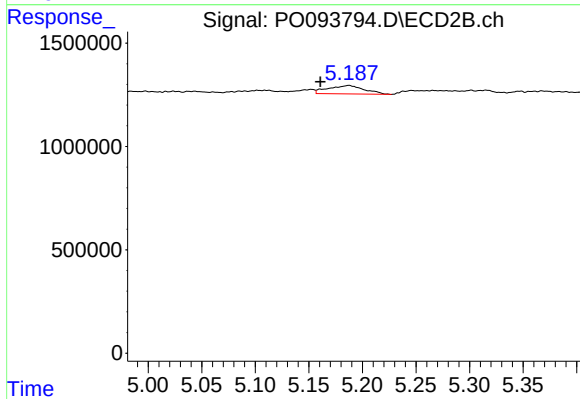
#13 AR-1232-3

R.T.: 4.915 min
Delta R.T.: 0.011 min
Response: 314657
Conc: 23.86 ng/ml



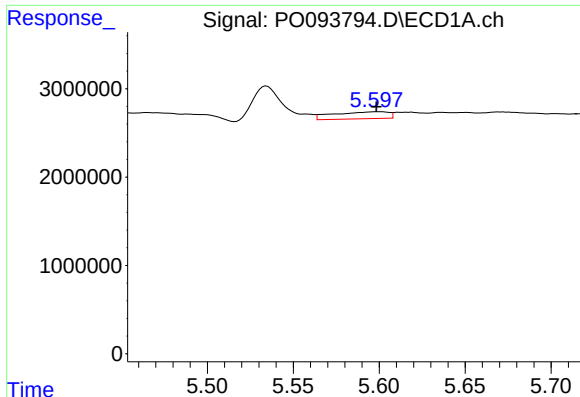
#15 AR-1232-5

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 683794
Conc: 21.53 ng/ml



#15 AR-1232-5

R.T.: 5.187 min
Delta R.T.: 0.027 min
Response: 951428
Conc: 61.59 ng/ml



#16 AR-1242-1

R.T.: 5.600 min
Delta R.T.: 0.001 min
Response: 1756325
Conc: 20.12 ng/ml

Instrument :
ECD_O
ClientSampleId :

#16 AR-1242-1

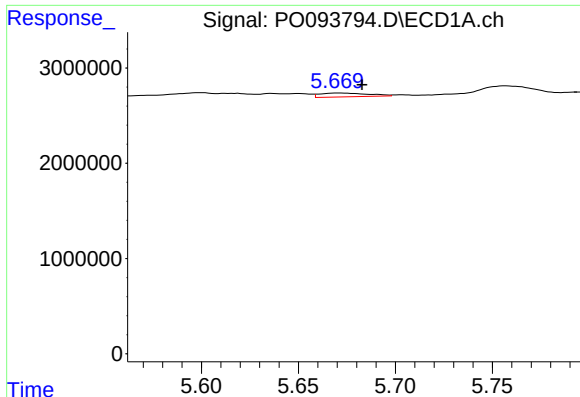
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.

#17 AR-1242-2

R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 722463
Conc: 5.43 ng/ml

#17 AR-1242-2

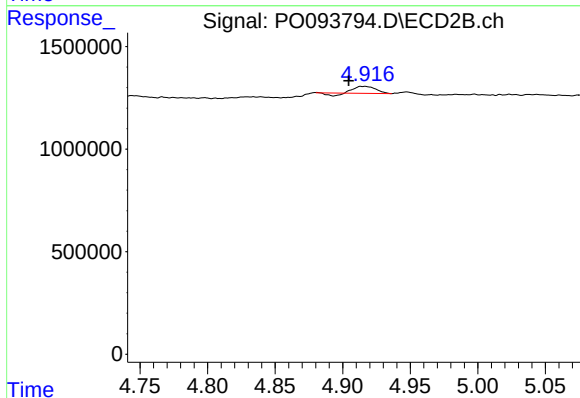
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#18 AR-1242-3

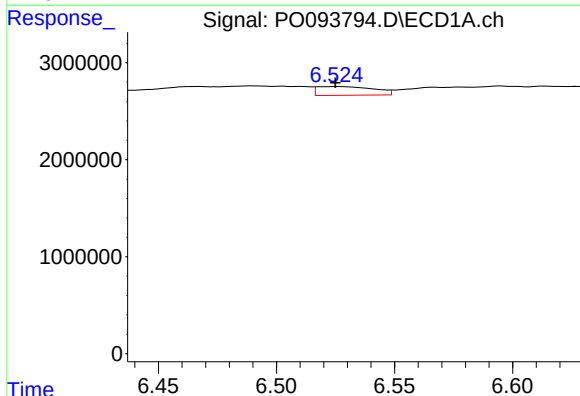
R.T.: 5.670 min
Delta R.T.: -0.013 min
Response: 693917
Conc: 8.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



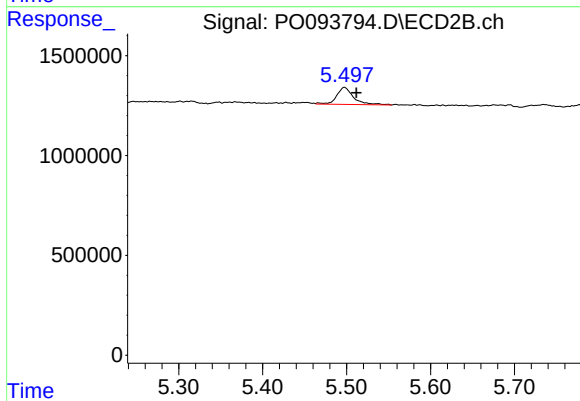
#18 AR-1242-3

R.T.: 4.915 min
Delta R.T.: 0.011 min
Response: 314657
Conc: 12.98 ng/ml



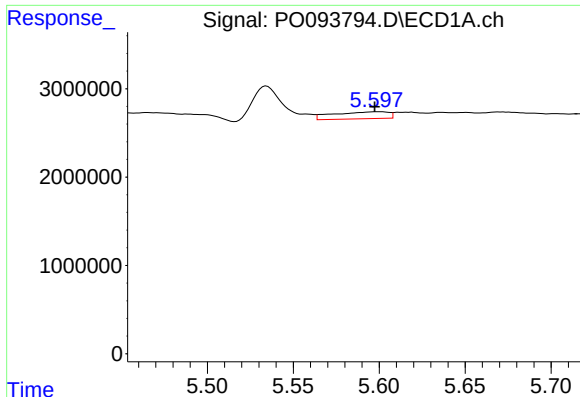
#20 AR-1242-5

R.T.: 6.526 min
Delta R.T.: 0.001 min
Response: 1495477
Conc: 22.21 ng/ml



#20 AR-1242-5

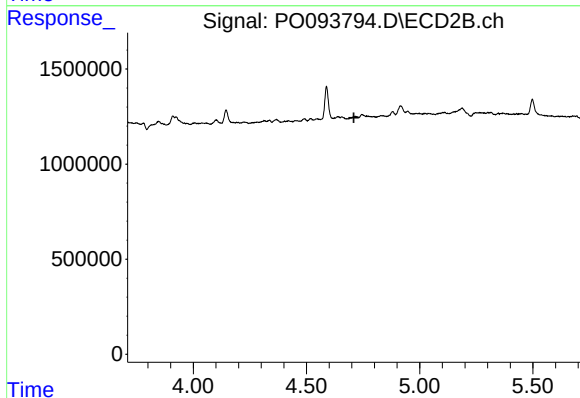
R.T.: 5.498 min
Delta R.T.: -0.014 min
Response: 1192630
Conc: 41.83 ng/ml



#21 AR-1248-1

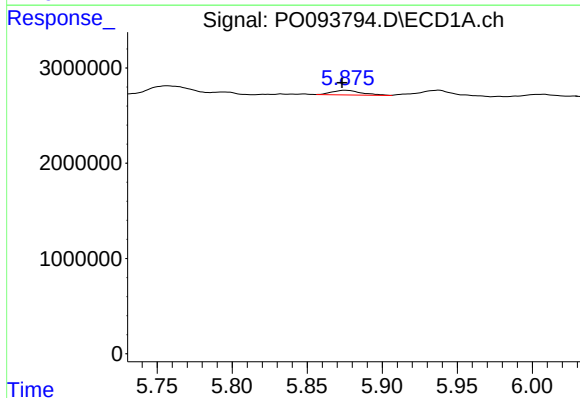
R.T.: 5.600 min
Delta R.T.: 0.002 min
Response: 1756325
Conc: 26.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



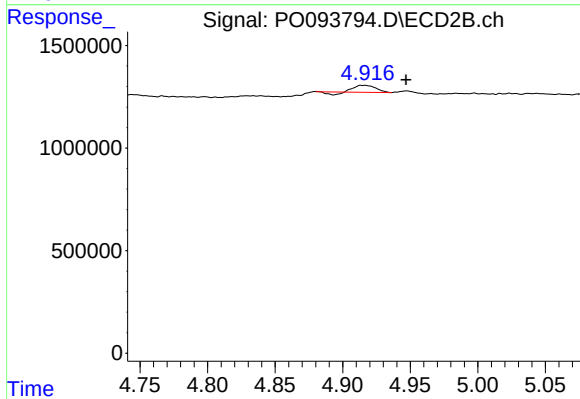
#21 AR-1248-1

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



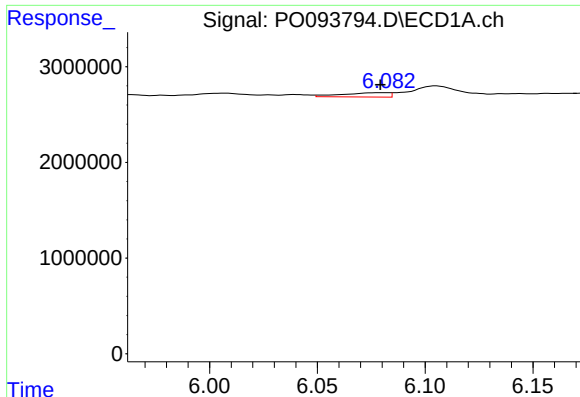
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.003 min
Response: 683794
Conc: 6.25 ng/ml



#22 AR-1248-2

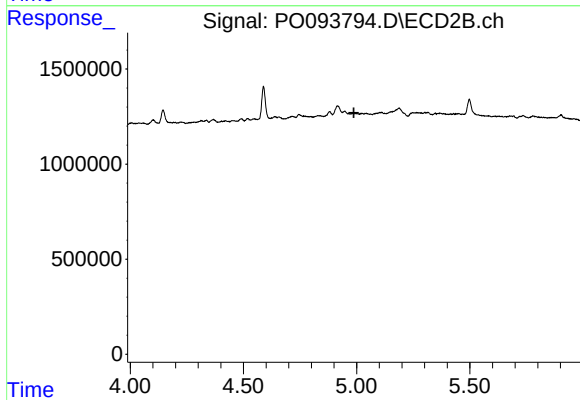
R.T.: 4.915 min
Delta R.T.: -0.032 min
Response: 314657
Conc: 7.90 ng/ml



#23 AR-1248-3

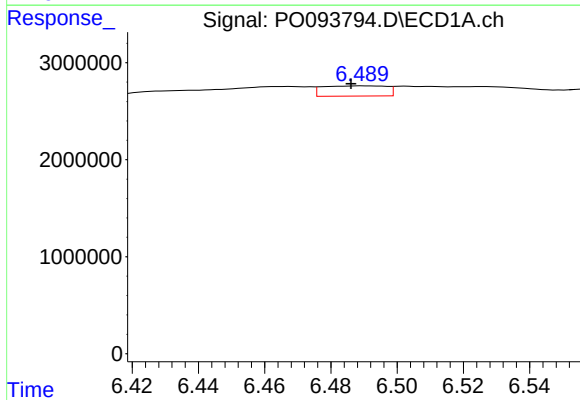
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 666200
Conc: 5.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



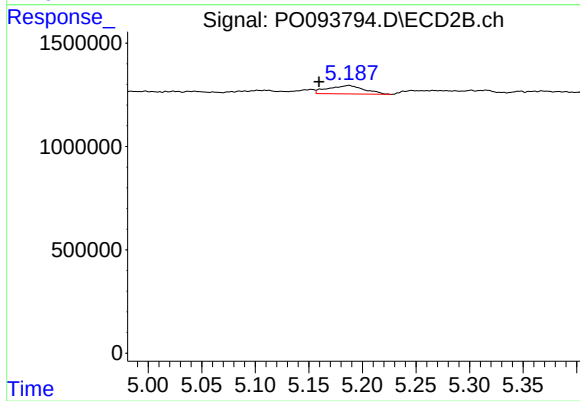
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



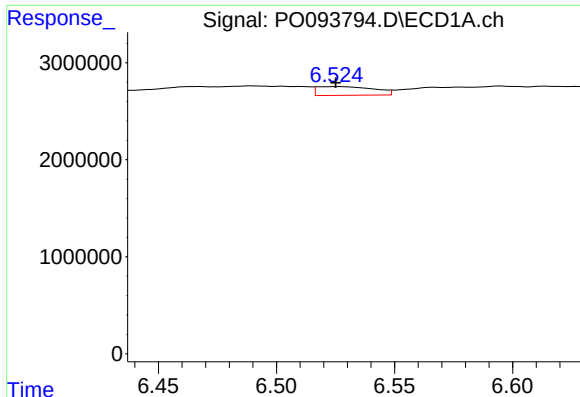
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: 0.004 min
Response: 1414845
Conc: 13.17 ng/ml



#24 AR-1248-4

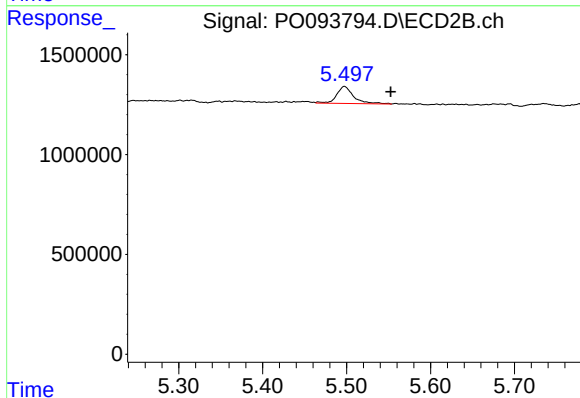
R.T.: 5.187 min
Delta R.T.: 0.028 min
Response: 951428
Conc: 20.23 ng/ml



#25 AR-1248-5

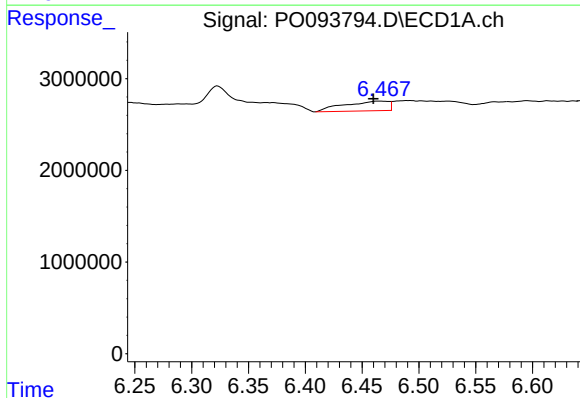
R.T.: 6.526 min
Delta R.T.: 0.001 min
Response: 1495477
Conc: 12.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



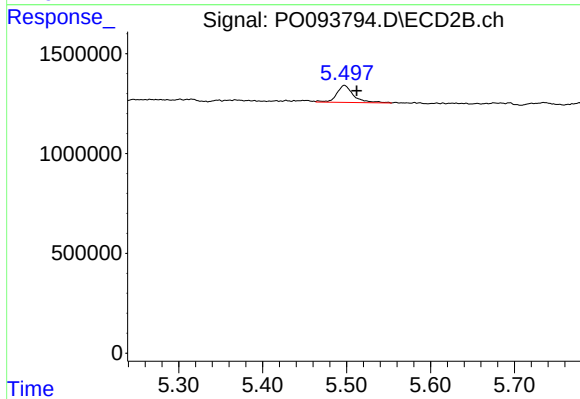
#25 AR-1248-5

R.T.: 5.498 min
Delta R.T.: -0.055 min
Response: 1192630
Conc: 31.94 ng/ml



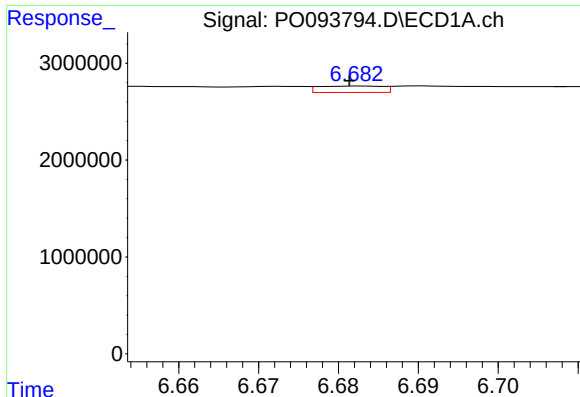
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.007 min
Response: 2876377
Conc: 21.21 ng/ml



#26 AR-1254-1

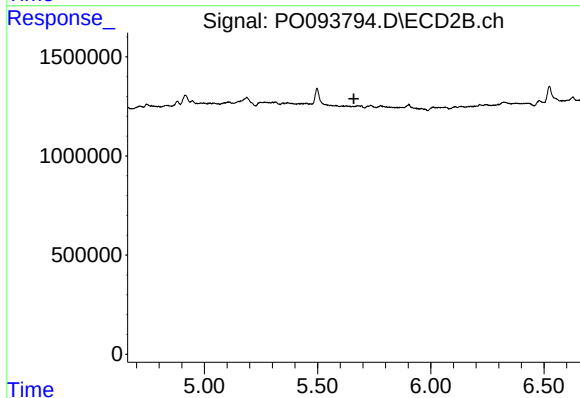
R.T.: 5.498 min
Delta R.T.: -0.014 min
Response: 1192630
Conc: 17.45 ng/ml



#27 AR-1254-2

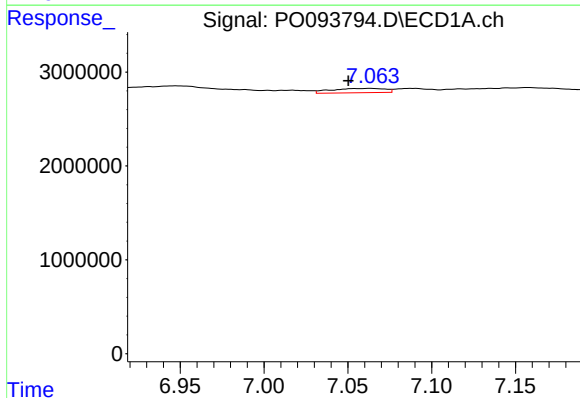
R.T.: 6.683 min
Delta R.T.: 0.001 min
Response: 375672
Conc: 1.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



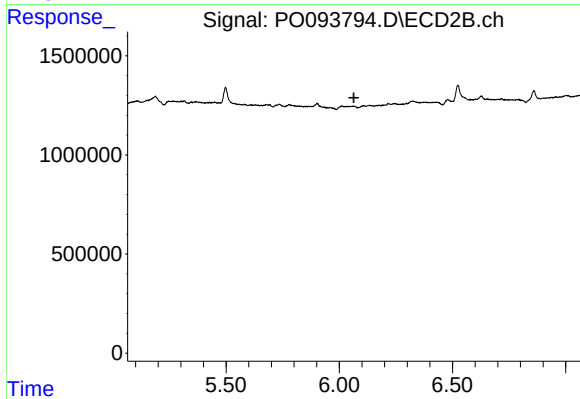
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.660 min
Response: 0
Conc: N.D.



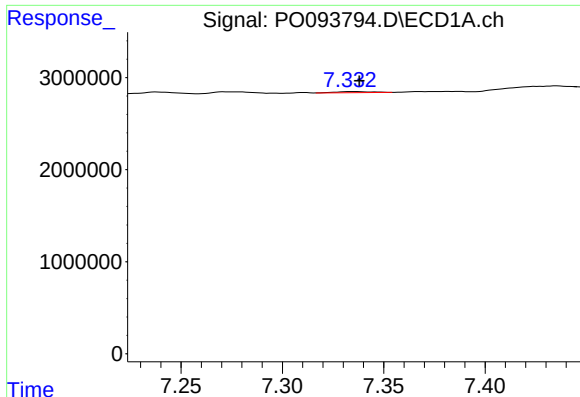
#28 AR-1254-3

R.T.: 7.064 min
Delta R.T.: 0.014 min
Response: 1016103
Conc: 5.50 ng/ml



#28 AR-1254-3

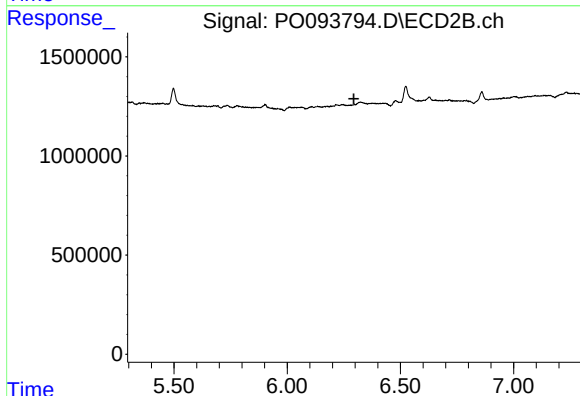
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

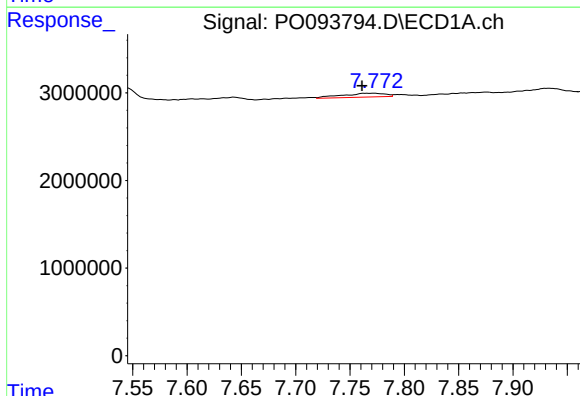
R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 152162
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



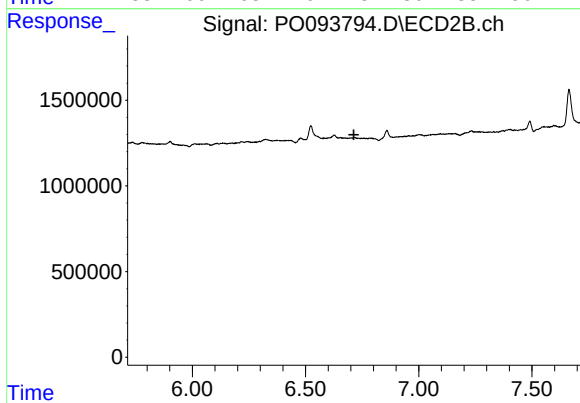
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.295 min
Response: 0
Conc: N.D.



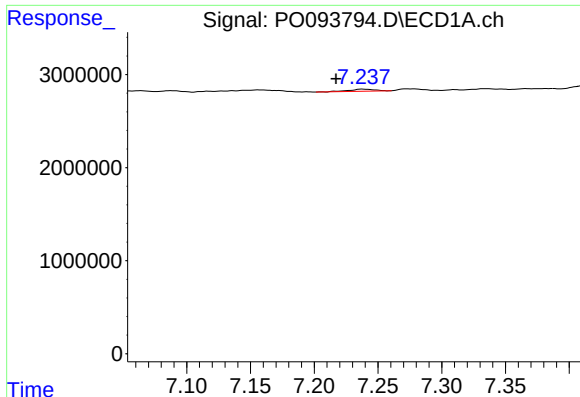
#30 AR-1254-5

R.T.: 7.773 min
Delta R.T.: 0.011 min
Response: 1247587
Conc: 9.20 ng/ml



#30 AR-1254-5

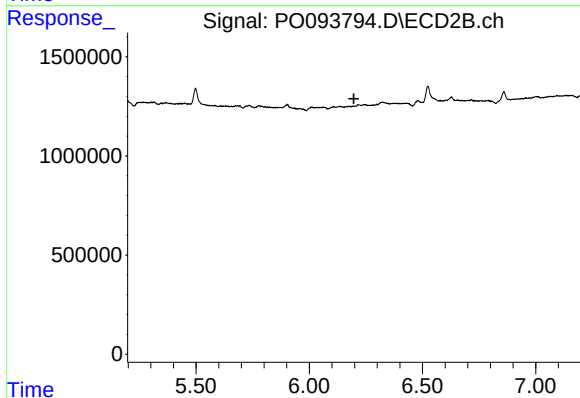
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

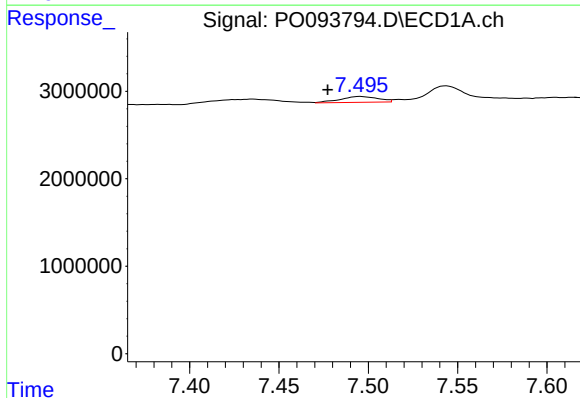
R.T.: 7.238 min
Delta R.T.: 0.021 min
Response: 339495
Conc: 2.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



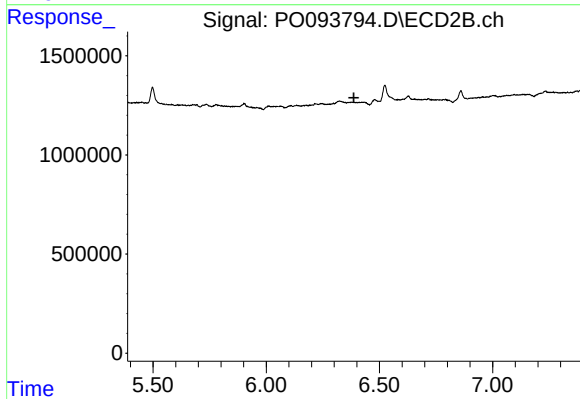
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.



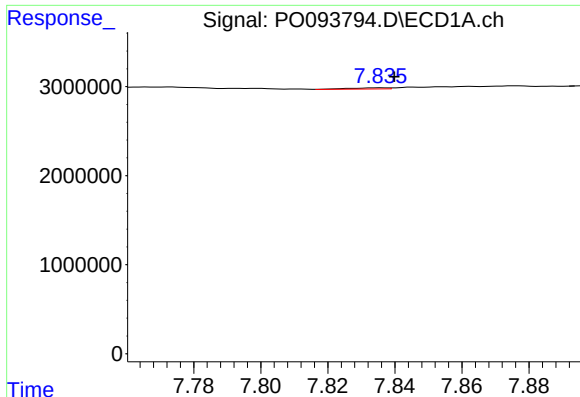
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: 0.018 min
Response: 977657
Conc: 6.11 ng/ml



#32 AR-1260-2

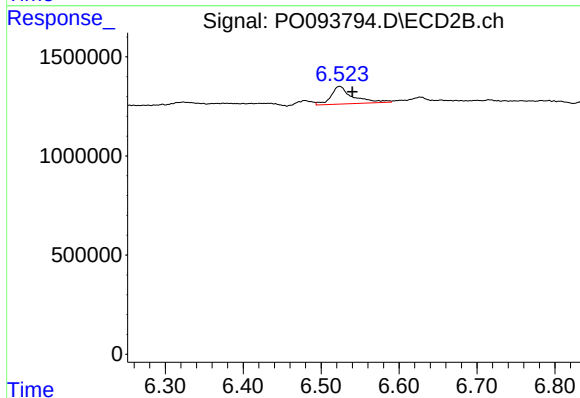
R.T.: 0.000 min
Exp R.T. : 6.387 min
Response: 0
Conc: N.D.



#33 AR-1260-3

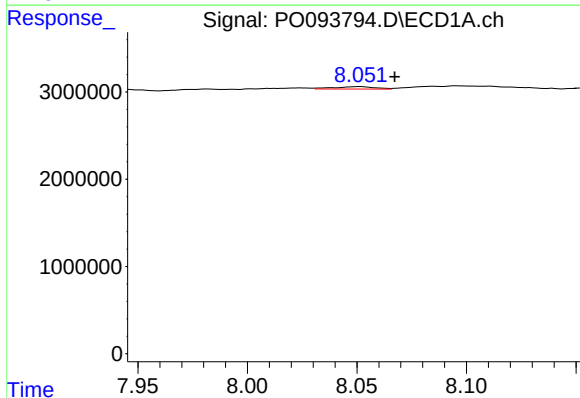
R.T.: 7.835 min
Delta R.T.: -0.005 min
Response: 120430
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



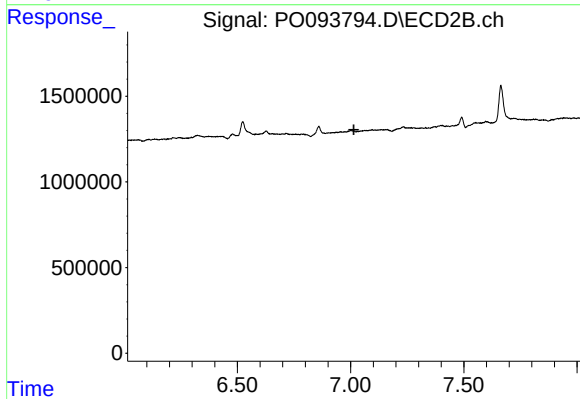
#33 AR-1260-3

R.T.: 6.524 min
Delta R.T.: -0.017 min
Response: 1730555
Conc: 23.85 ng/ml



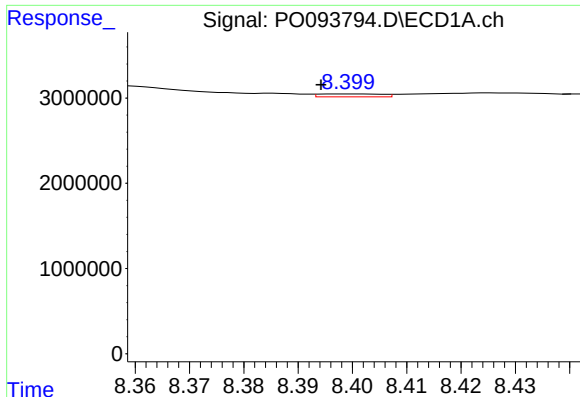
#34 AR-1260-4

R.T.: 8.051 min
Delta R.T.: -0.016 min
Response: 354292
Conc: 2.57 ng/ml



#34 AR-1260-4

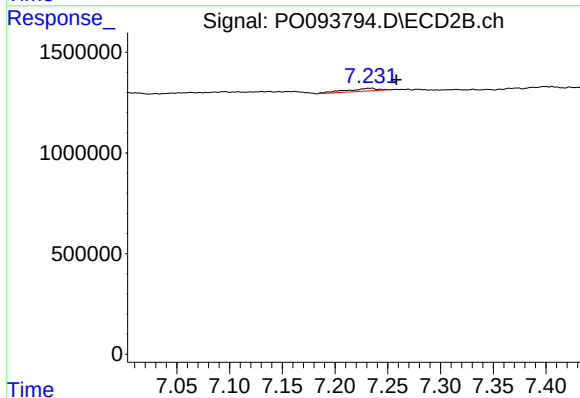
R.T.: 0.000 min
Exp R.T. : 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

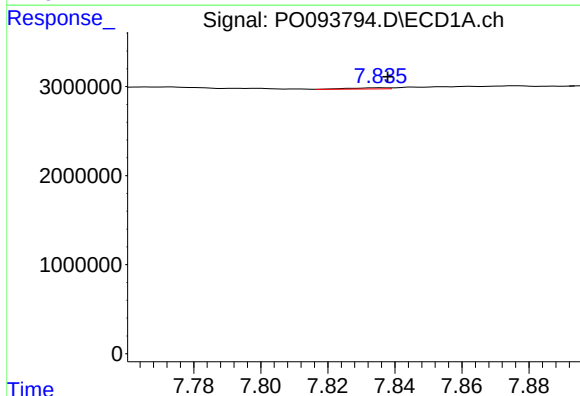
R.T.: 8.399 min
Delta R.T.: 0.005 min
Response: 275643
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



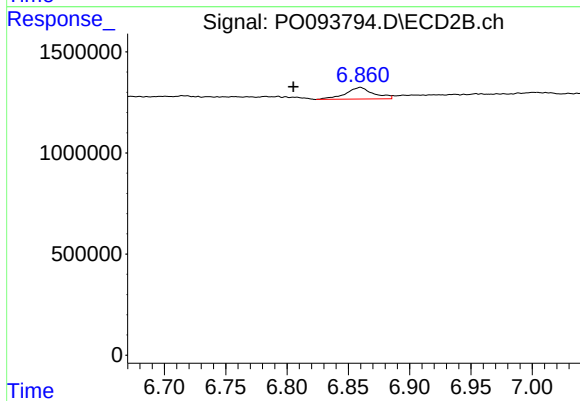
#35 AR-1260-5

R.T.: 7.235 min
Delta R.T.: -0.024 min
Response: 303590
Conc: 2.93 ng/ml



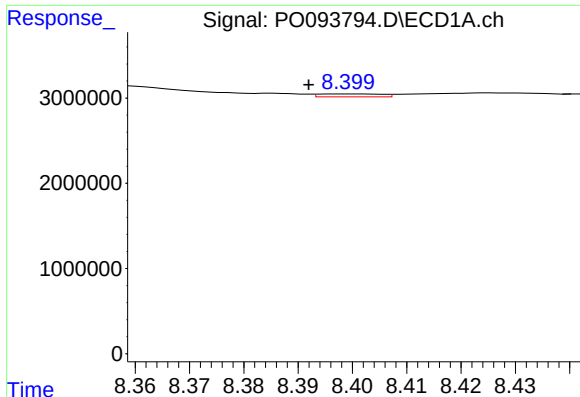
#36 AR-1262-1

R.T.: 7.835 min
Delta R.T.: -0.002 min
Response: 120430
Conc: 0.71 ng/ml



#36 AR-1262-1

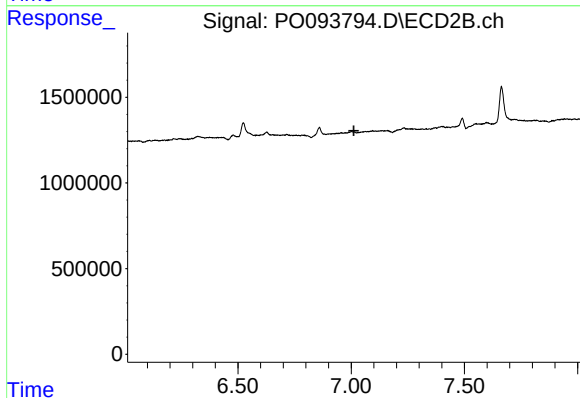
R.T.: 6.860 min
Delta R.T.: 0.055 min
Response: 912912
Conc: 26.09 ng/ml



#37 AR-1262-2

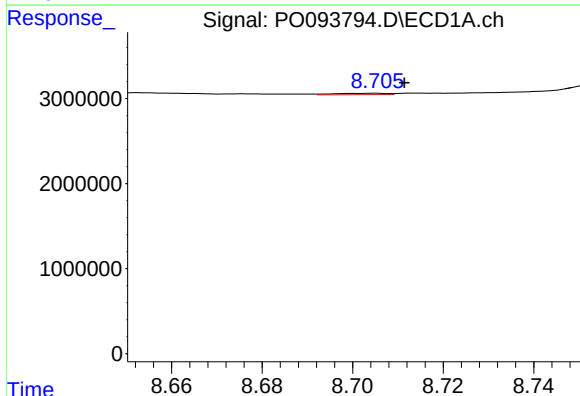
R.T.: 8.399 min
Delta R.T.: 0.007 min
Response: 275643
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



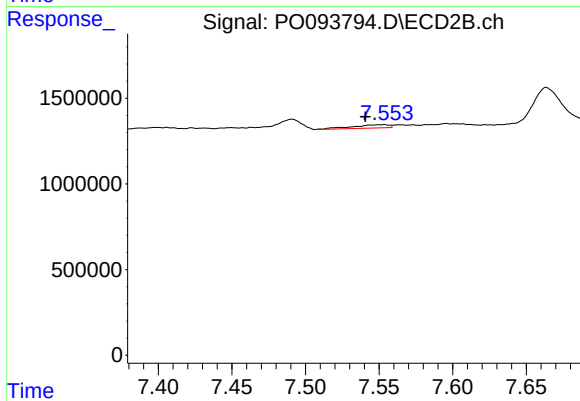
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.012 min
Response: 0
Conc: N.D.



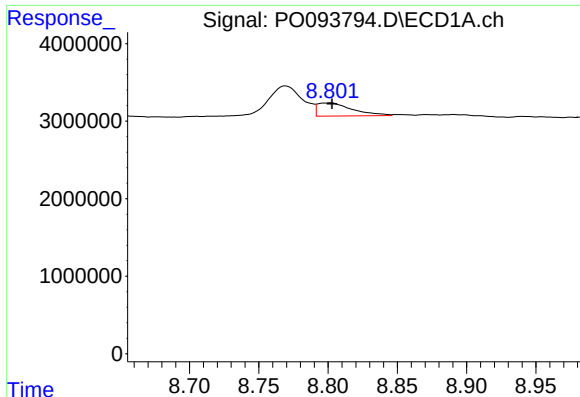
#38 AR-1262-3

R.T.: 8.705 min
Delta R.T.: -0.006 min
Response: 129567
Conc: 0.79 ng/ml



#38 AR-1262-3

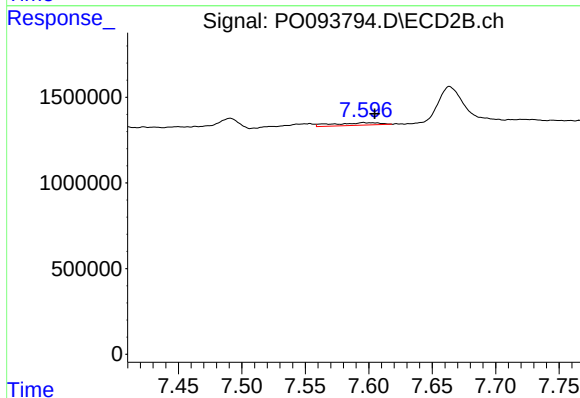
R.T.: 7.553 min
Delta R.T.: 0.013 min
Response: 328435
Conc: 6.56 ng/ml



#39 AR-1262-4

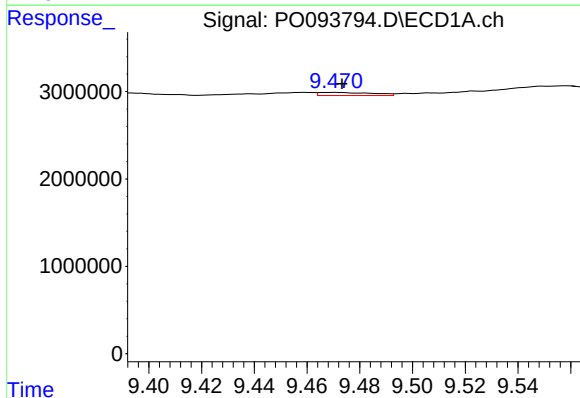
R.T.: 8.802 min
Delta R.T.: -0.001 min
Response: 2967738
Conc: 29.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



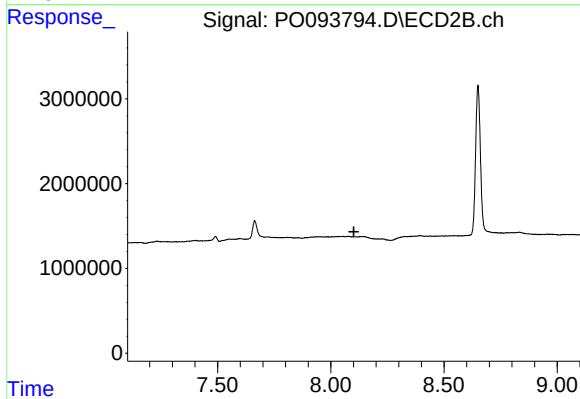
#39 AR-1262-4

R.T.: 7.596 min
Delta R.T.: -0.009 min
Response: 378757
Conc: 4.57 ng/ml



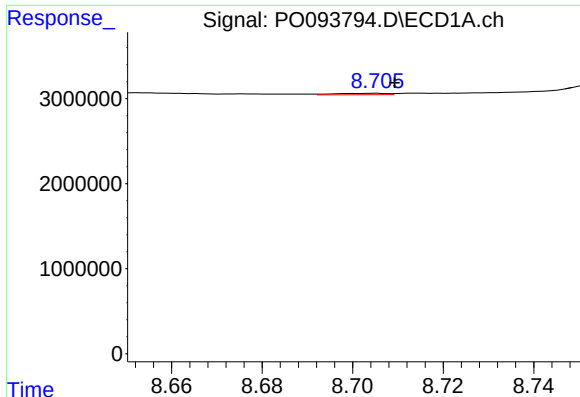
#40 AR-1262-5

R.T.: 9.471 min
Delta R.T.: -0.003 min
Response: 496581
Conc: 6.17 ng/ml



#40 AR-1262-5

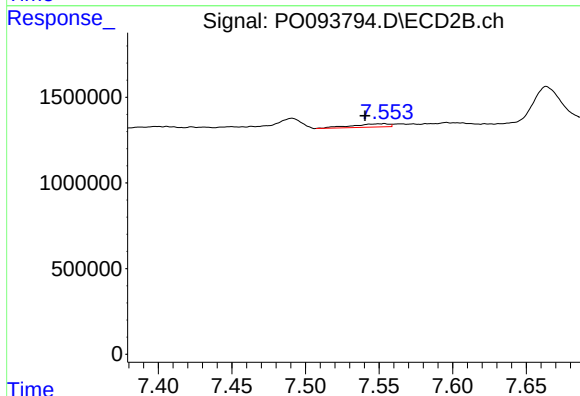
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

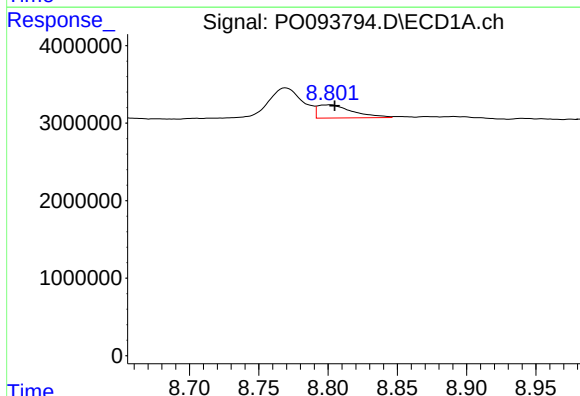
R.T.: 8.705 min
Delta R.T.: -0.004 min
Response: 129567
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



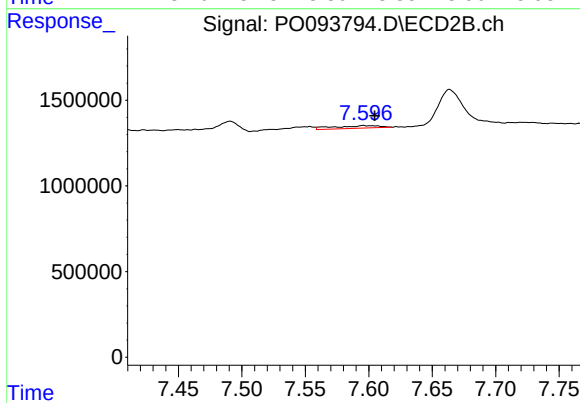
#41 AR-1268-1

R.T.: 7.553 min
Delta R.T.: 0.013 min
Response: 328435
Conc: 2.15 ng/ml



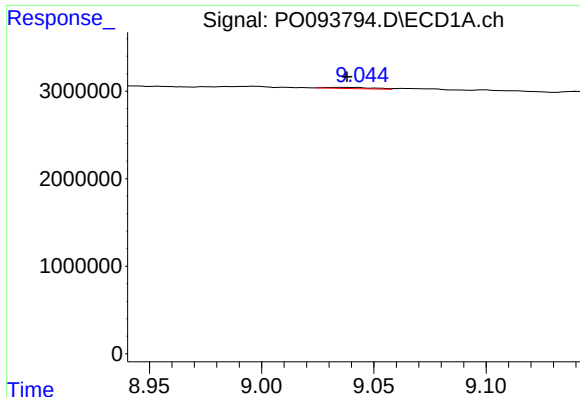
#42 AR-1268-2

R.T.: 8.802 min
Delta R.T.: -0.003 min
Response: 2967738
Conc: 9.22 ng/ml



#42 AR-1268-2

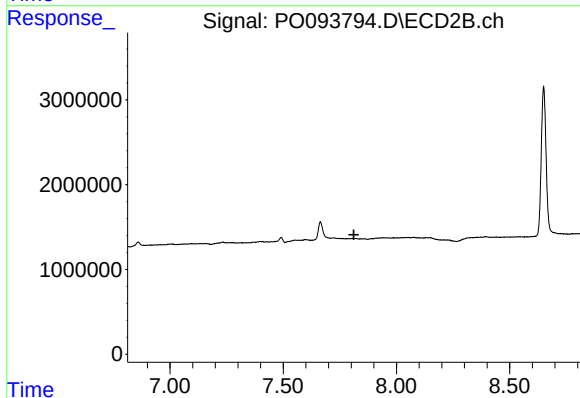
R.T.: 7.596 min
Delta R.T.: -0.009 min
Response: 378757
Conc: 2.79 ng/ml



#43 AR-1268-3

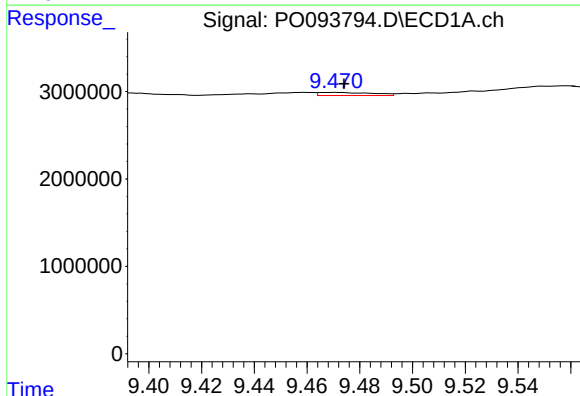
R.T.: 9.037 min
Delta R.T.: -0.001 min
Response: 198439
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



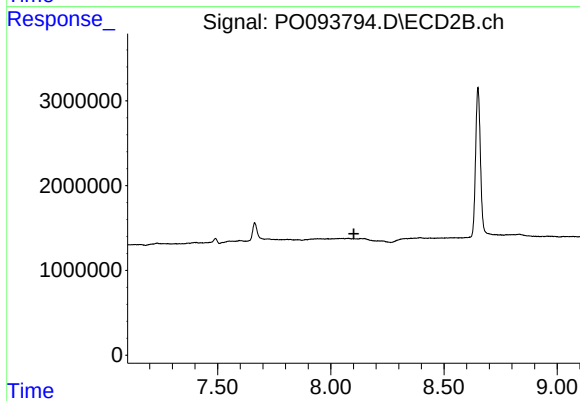
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



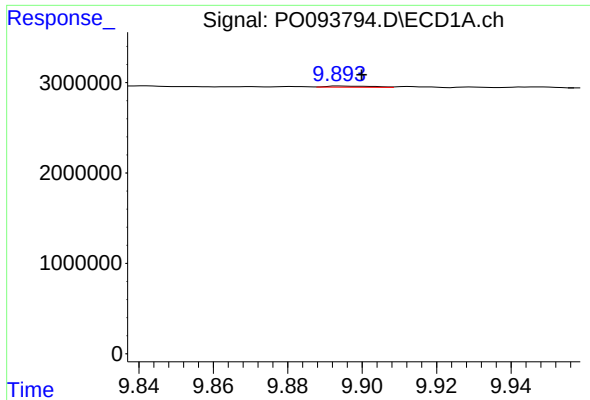
#44 AR-1268-4

R.T.: 9.471 min
Delta R.T.: -0.003 min
Response: 496581
Conc: 5.14 ng/ml



#44 AR-1268-4

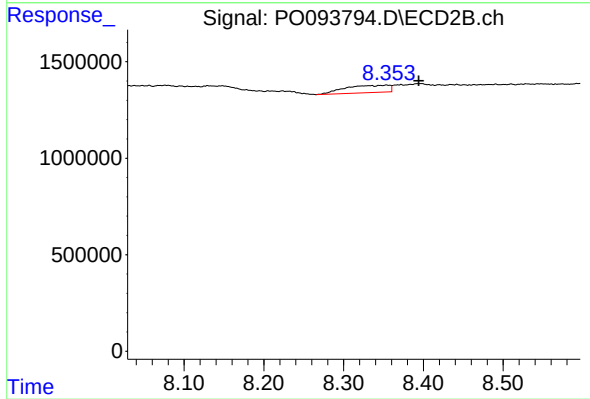
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: -0.006 min
Response: 117328
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: -0.040 min
Response: 1492789
Conc: 4.26 ng/ml