

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022323\
 Data File : PP055881.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 21:23
 Operator : YP\AJ
 Sample : 01647-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 23:24:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.325	3.569	41581848	20974975	25.807	14.365 #
2)	SA Decachlor...	10.072	8.571	18970007	12380445	9.299	10.913
Target Compounds							
3)	L1 AR-1016-1	5.479f	4.660	599046	2117456	10.039	47.023 #
4)	L1 AR-1016-2	5.524	4.660	2044086	2117456	23.364	32.604 #
5)	L1 AR-1016-3	5.570	4.844	3742857	263083	67.378	7.570 #
6)	L1 AR-1016-4	5.675	4.895	514429	1962509	11.544	65.656 #
7)	L1 AR-1016-5	5.972	5.091	416669	383086	8.629	9.690
8)	L2 AR-1221-1	4.529	3.768	8930663	6721435	429.057	374.189
9)	L2 AR-1221-2	4.630	3.849f	6485474	18450638	407.719	1404.870 #
10)	L2 AR-1221-3	4.707	3.930	5275531	5865959	108.746	140.543 #
11)	L3 AR-1232-1	4.707	3.930	5275531	5865959	133.187	170.396 #
12)	L3 AR-1232-2	5.243	4.660	5821879	2117456	280.283	72.144 #
13)	L3 AR-1232-3	5.524	4.844	2044086	263083	51.876	17.311 #
14)	L3 AR-1232-4	5.675	0.000	514429	0	26.260	N.D. #
15)	L3 AR-1232-5	5.770	5.091	994904	383086	62.208	23.371 #
16)	L4 AR-1242-1	5.479f	4.660	599046	2117456	12.406	57.550 #
17)	L4 AR-1242-2	5.524	4.660	2044086	2117456	28.766	40.201 #
18)	L4 AR-1242-3	5.570	4.844	3742857	263083	83.894	9.293 #
19)	L4 AR-1242-4	5.675	0.000	514429	0	14.238	N.D. #
20)	L4 AR-1242-5	6.422	5.452	3274705	1659306	78.175	49.815 #
21)	L5 AR-1248-1	5.479f	4.660	599046	2117456	16.465	75.818 #
22)	L5 AR-1248-2	5.770	4.895	994904	1962509	17.291	46.133 #
23)	L5 AR-1248-3	5.972	0.000	416669	0	6.412	N.D. #
24)	L5 AR-1248-4	6.354f	5.091	1402781	383086	19.335	7.482 #
25)	L5 AR-1248-5	6.422	5.495	3274705	2690418	46.202	61.040 #
26)	L6 AR-1254-1	6.354	5.452	1402781	1659306	19.080	22.553
27)	L6 AR-1254-2	6.574	5.600	3203269	2075306	27.757	32.985
28)	L6 AR-1254-3	6.941	6.002	6784834	5692539	55.130	58.041
29)	L6 AR-1254-4	7.226	6.235	2894110	975266	31.509	17.717 #
30)	L6 AR-1254-5	7.668f	6.650	9113281	4426916	86.708	54.486 #
31)	L7 AR-1260-1	7.105	6.133	4218048	2140001	40.737	29.355 #
32)	L7 AR-1260-2	7.361	6.308f	3681517	4362319	29.271	53.461 #
33)	L7 AR-1260-3	7.725	6.464f	489600	1978413	5.575	23.411 #
34)	L7 AR-1260-4	7.959	6.948	3610794	1286740	33.597	20.105 #
35)	L7 AR-1260-5	8.266	7.189	1899978	2007760	9.203	14.833 #
36)	L8 AR-1262-1	7.725	6.743	489600	362577	4.150	10.286 #
37)	L8 AR-1262-2	8.266	6.948	1899978	1286740	8.657	17.329 #
38)	L8 AR-1262-3	0.000	7.477	0	221200	N.D.	3.987 #
39)	L8 AR-1262-4	8.677	7.544	5822069	993095	77.334	9.783 #
40)	L8 AR-1262-5	9.347f	8.034	15853063	207617	192.283	4.565 #
41)	L9 AR-1268-1	8.546f	7.477	209081	221200	0.733	1.316 #

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 Response via : Initial Calibration
 Integrator: ChemStation

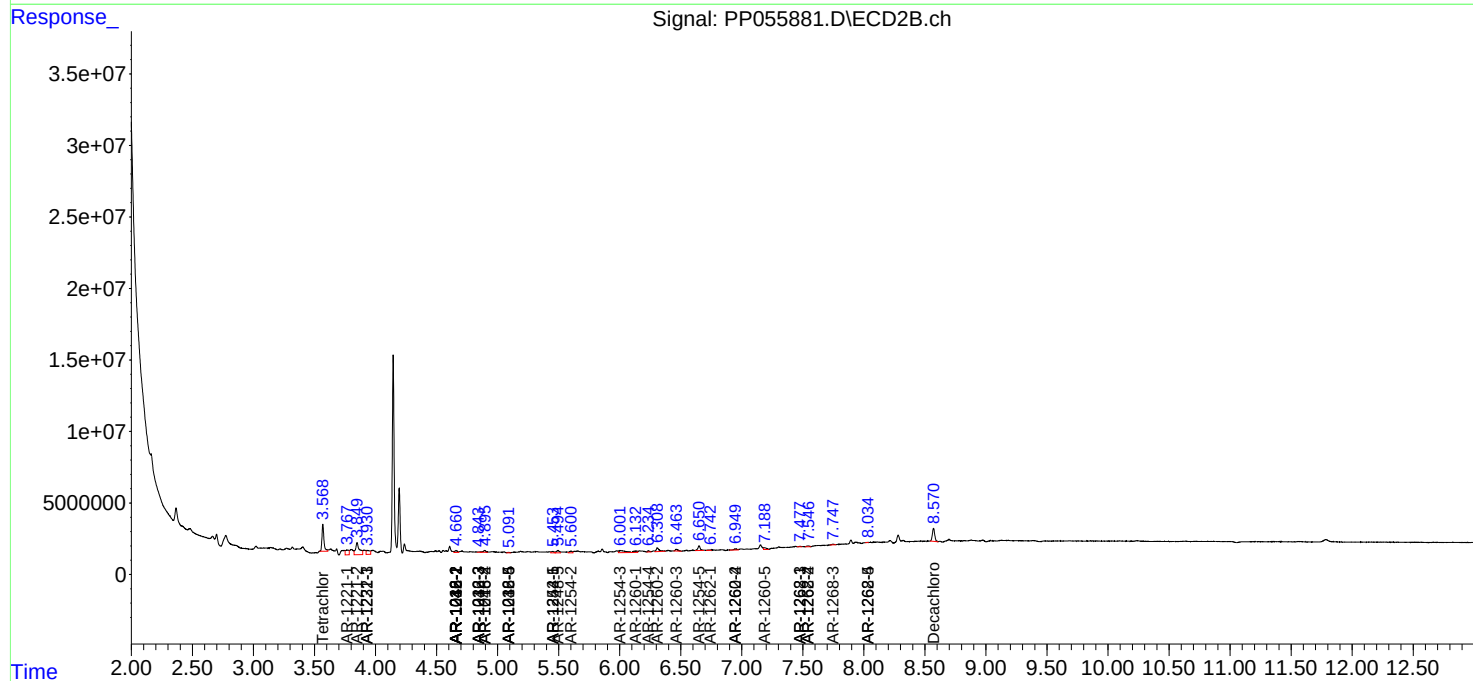
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

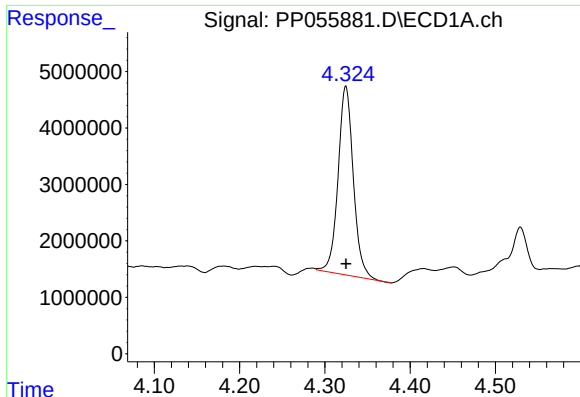
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.677	7.544	5822069	993095	21.836	6.492 #
43) L9	AR-1268-3	8.899	7.747	780754	682241	3.318	4.972 #
44) L9	AR-1268-4	9.347f	8.034	15853063	207617	160.571	3.774 #
45) L9	AR-1268-5	9.734	8.323	4236242	-323520	5.627	N.D. #

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

Instrument :
ECD_P
ClientSampleId :

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

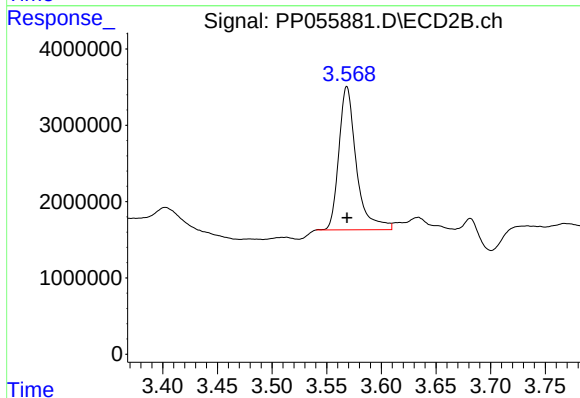




#1 Tetrachloro-m-xylene

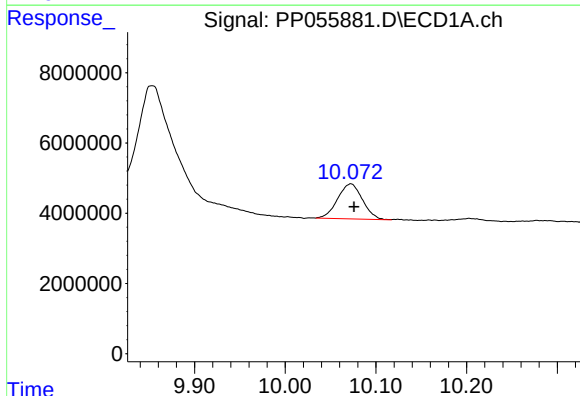
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 41581848
Conc: 25.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



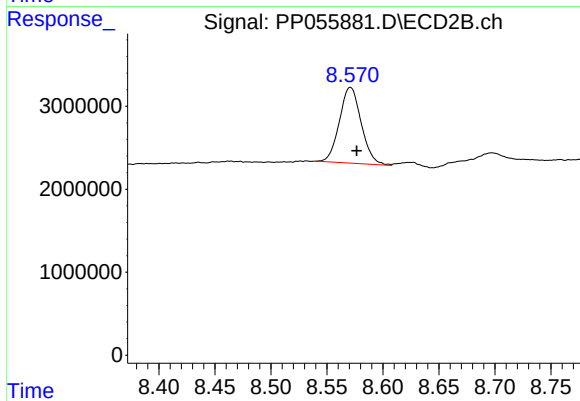
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 20974975
Conc: 14.36 ng/ml



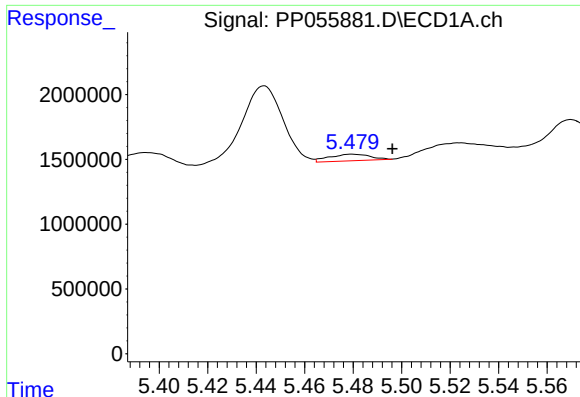
#2 Decachlorobiphenyl

R.T.: 10.072 min
Delta R.T.: -0.003 min
Response: 18970007
Conc: 9.30 ng/ml



#2 Decachlorobiphenyl

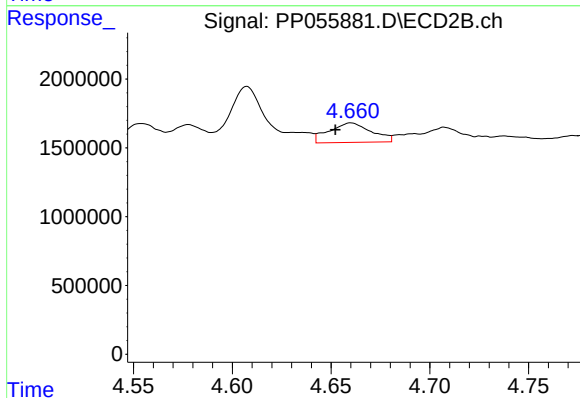
R.T.: 8.571 min
Delta R.T.: -0.006 min
Response: 12380445
Conc: 10.91 ng/ml



#3 AR-1016-1

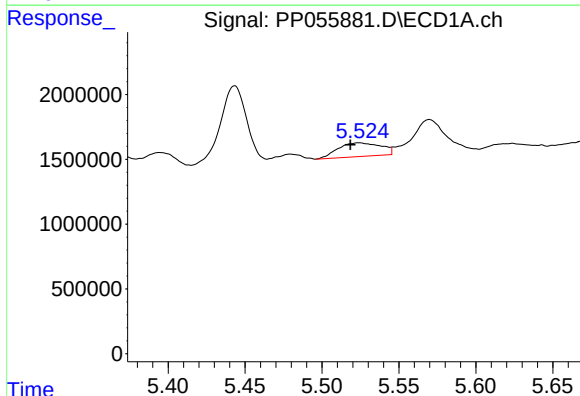
R.T.: 5.479 min
Delta R.T.: -0.017 min
Response: 599046
Conc: 10.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



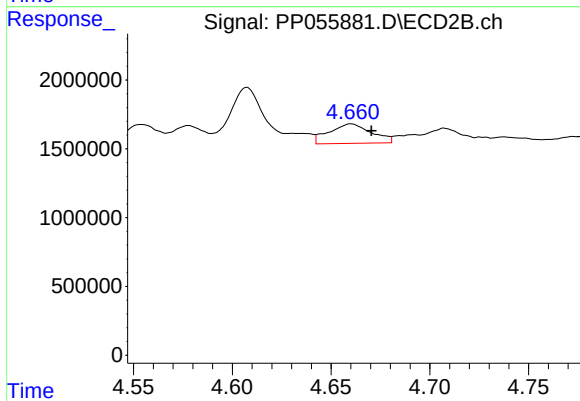
#3 AR-1016-1

R.T.: 4.660 min
Delta R.T.: 0.008 min
Response: 2117456
Conc: 47.02 ng/ml



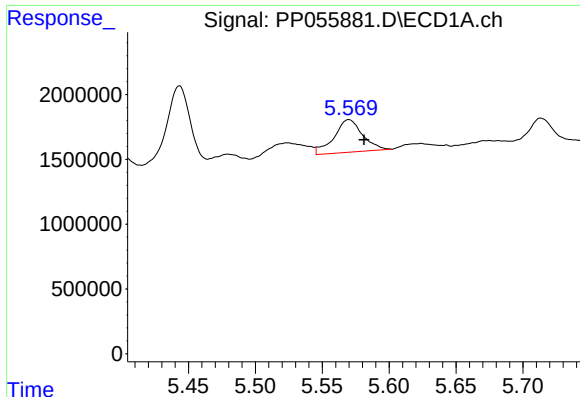
#4 AR-1016-2

R.T.: 5.524 min
Delta R.T.: 0.006 min
Response: 2044086
Conc: 23.36 ng/ml



#4 AR-1016-2

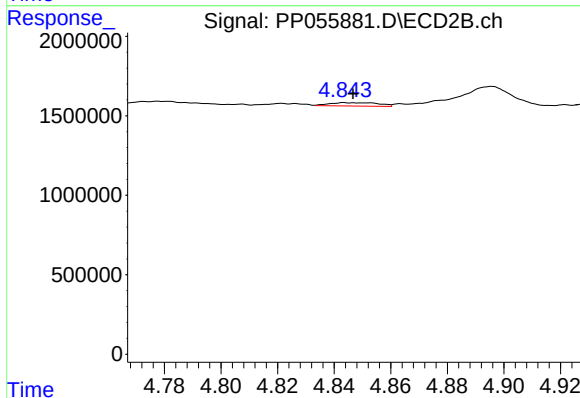
R.T.: 4.660 min
Delta R.T.: -0.010 min
Response: 2117456
Conc: 32.60 ng/ml



#5 AR-1016-3

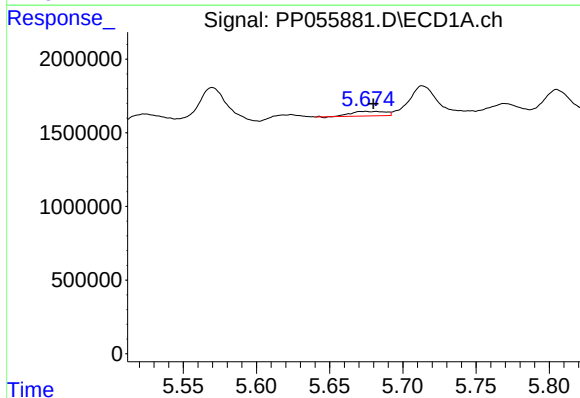
R.T.: 5.570 min
Delta R.T.: -0.011 min
Response: 3742857
Conc: 67.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



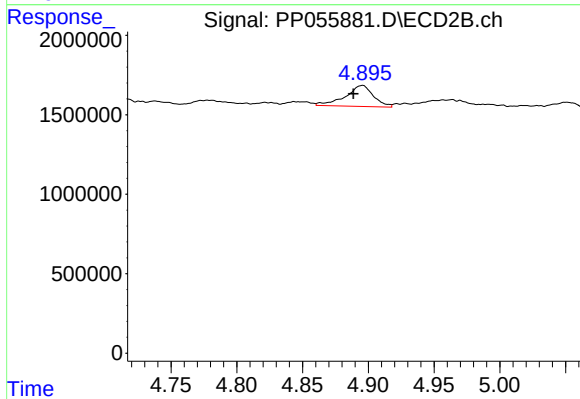
#5 AR-1016-3

R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 263083
Conc: 7.57 ng/ml



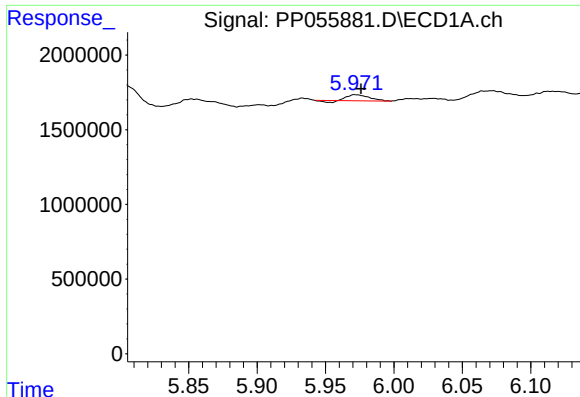
#6 AR-1016-4

R.T.: 5.675 min
Delta R.T.: -0.005 min
Response: 514429
Conc: 11.54 ng/ml



#6 AR-1016-4

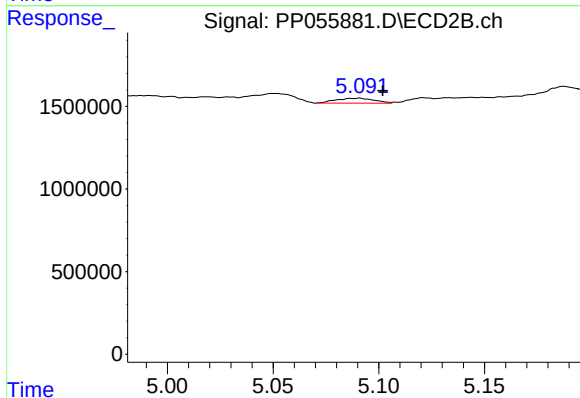
R.T.: 4.895 min
Delta R.T.: 0.007 min
Response: 1962509
Conc: 65.66 ng/ml



#7 AR-1016-5

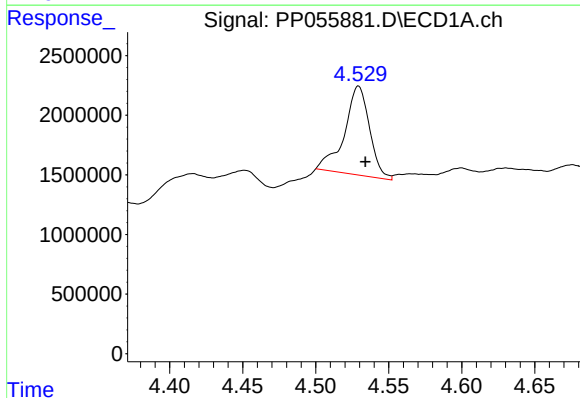
R.T.: 5.972 min
Delta R.T.: -0.004 min
Response: 416669
Conc: 8.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



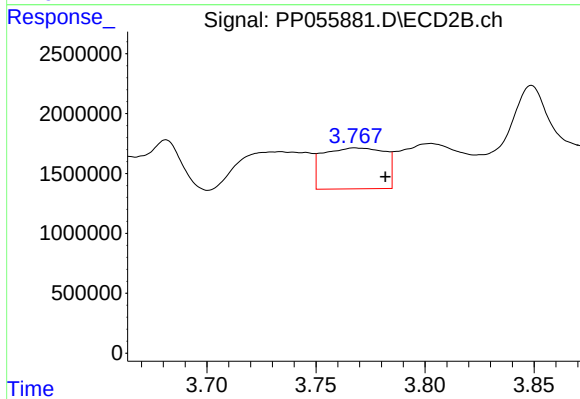
#7 AR-1016-5

R.T.: 5.091 min
Delta R.T.: -0.011 min
Response: 383086
Conc: 9.69 ng/ml



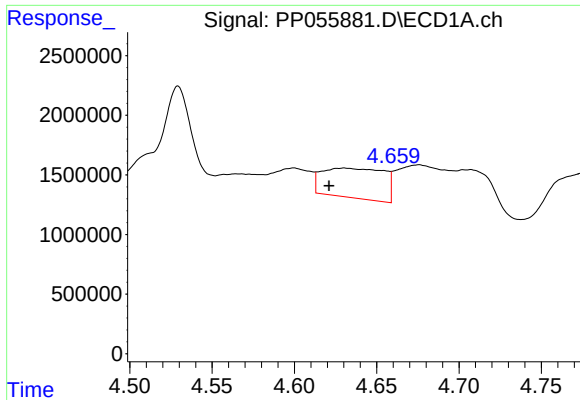
#8 AR-1221-1

R.T.: 4.529 min
Delta R.T.: -0.005 min
Response: 8930663
Conc: 429.06 ng/ml



#8 AR-1221-1

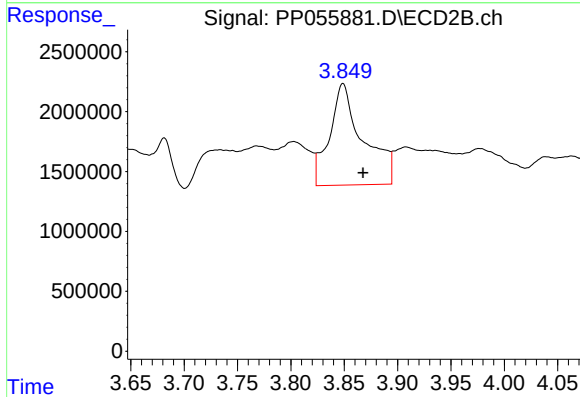
R.T.: 3.768 min
Delta R.T.: -0.014 min
Response: 6721435
Conc: 374.19 ng/ml



#9 AR-1221-2

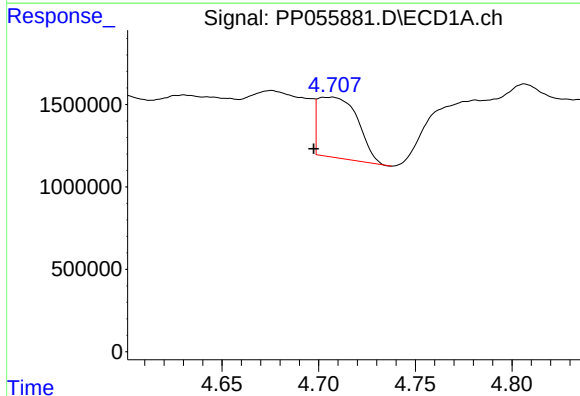
R.T.: 4.630 min
Delta R.T.: 0.009 min
Response: 6485474
Conc: 407.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



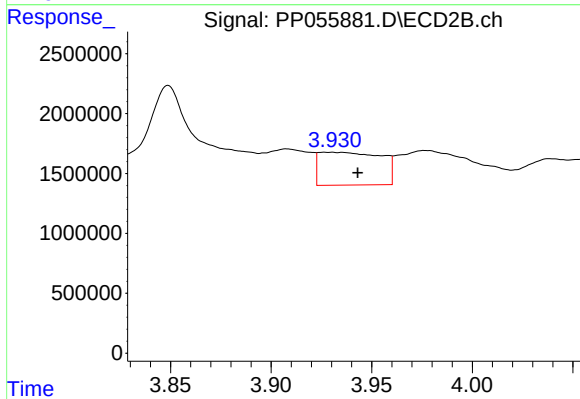
#9 AR-1221-2

R.T.: 3.849 min
Delta R.T.: -0.019 min
Response: 18450638
Conc: 1404.87 ng/ml



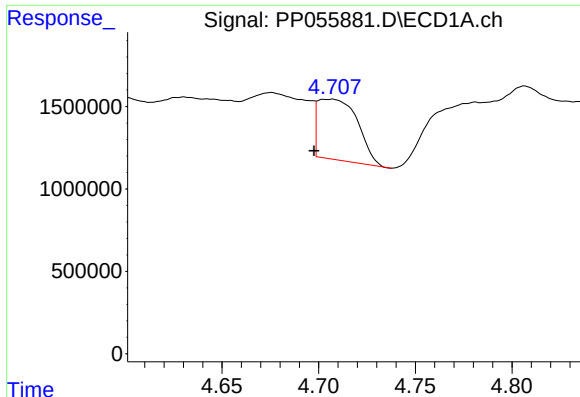
#10 AR-1221-3

R.T.: 4.707 min
Delta R.T.: 0.010 min
Response: 5275531
Conc: 108.75 ng/ml



#10 AR-1221-3

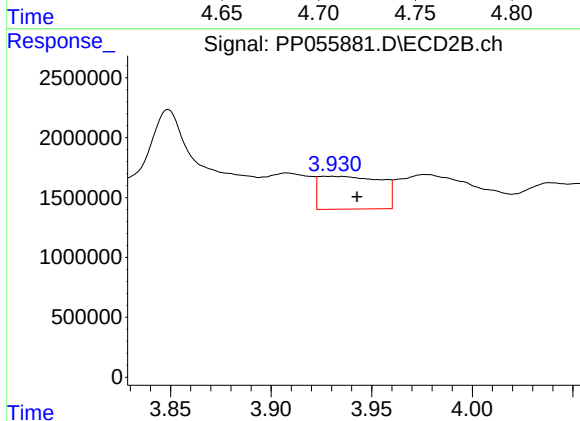
R.T.: 3.930 min
Delta R.T.: -0.013 min
Response: 5865959
Conc: 140.54 ng/ml



#11 AR-1232-1

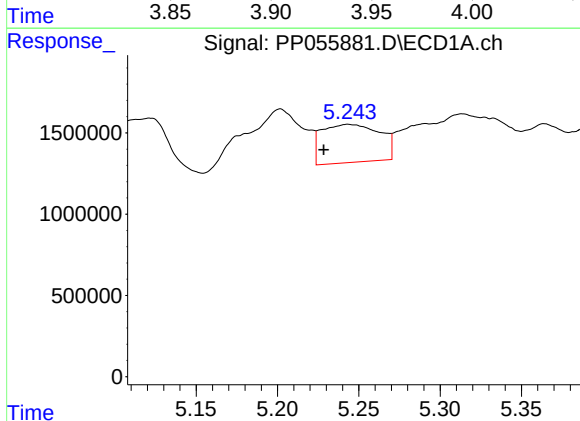
R.T.: 4.707 min
Delta R.T.: 0.010 min
Response: 5275531
Conc: 133.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



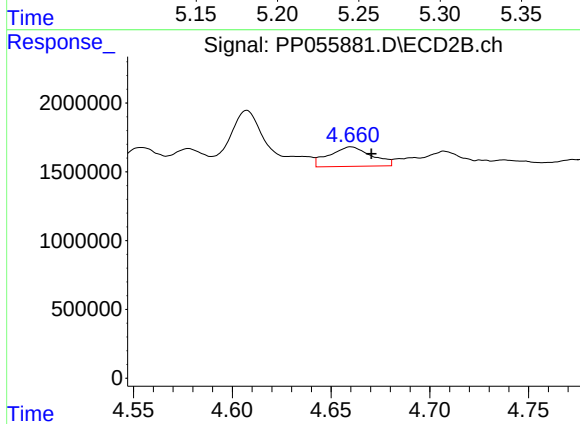
#11 AR-1232-1

R.T.: 3.930 min
Delta R.T.: -0.013 min
Response: 5865959
Conc: 170.40 ng/ml



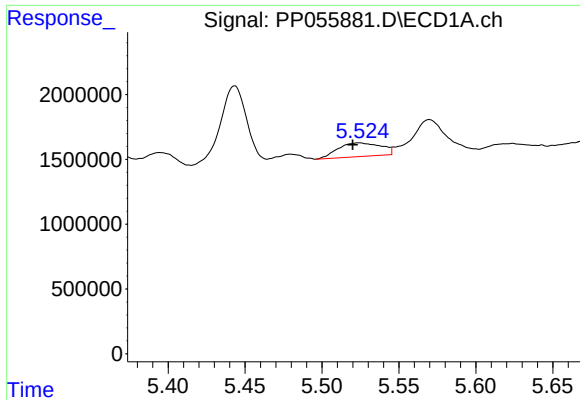
#12 AR-1232-2

R.T.: 5.243 min
Delta R.T.: 0.015 min
Response: 5821879
Conc: 280.28 ng/ml



#12 AR-1232-2

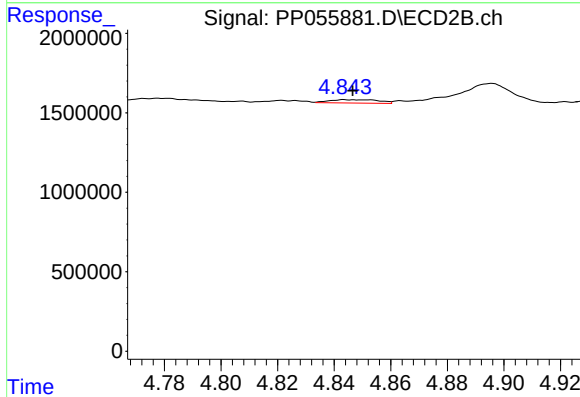
R.T.: 4.660 min
Delta R.T.: -0.010 min
Response: 2117456
Conc: 72.14 ng/ml



#13 AR-1232-3

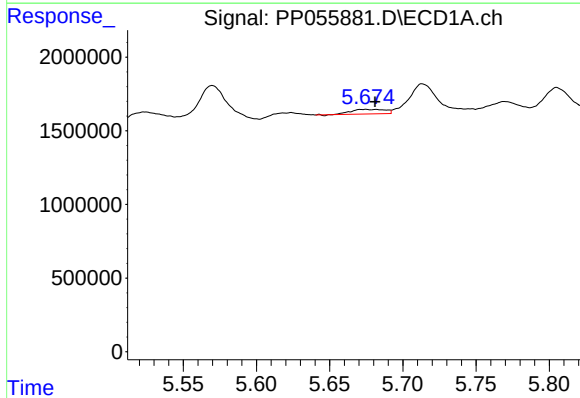
R.T.: 5.524 min
Delta R.T.: 0.004 min
Response: 2044086
Conc: 51.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



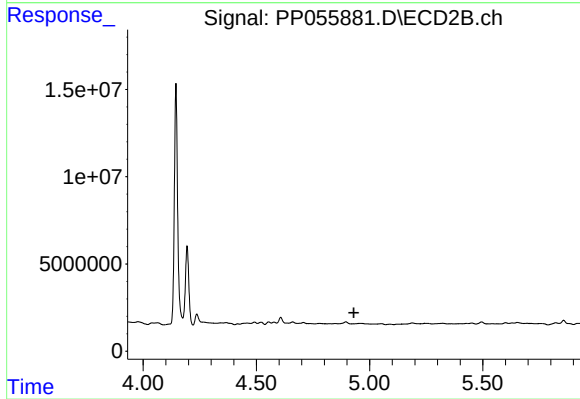
#13 AR-1232-3

R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 263083
Conc: 17.31 ng/ml



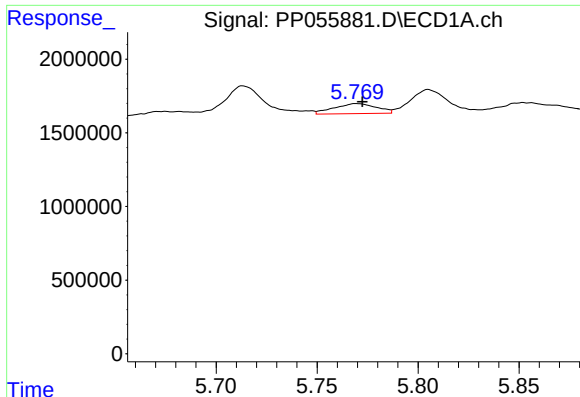
#14 AR-1232-4

R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 514429
Conc: 26.26 ng/ml



#14 AR-1232-4

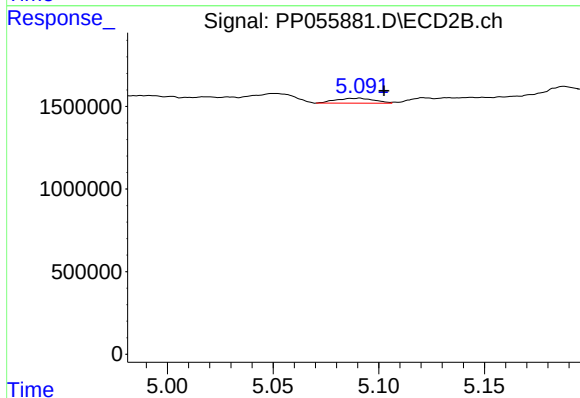
R.T.: 0.000 min
Exp R.T. : 4.931 min
Response: 0
Conc: N.D.



#15 AR-1232-5

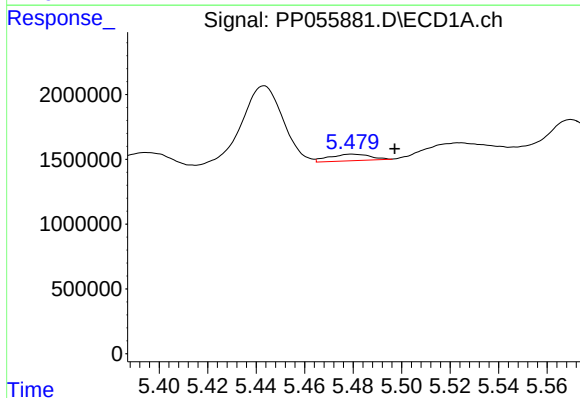
R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 994904
Conc: 62.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



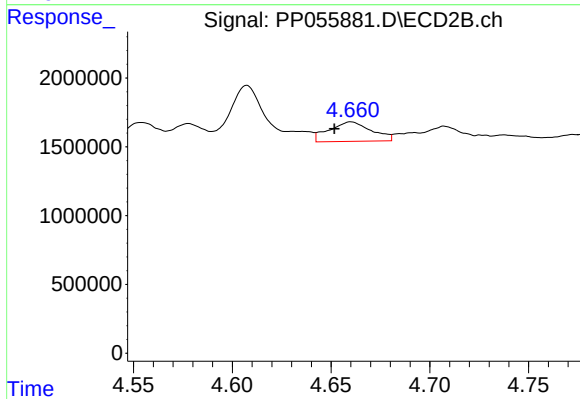
#15 AR-1232-5

R.T.: 5.091 min
Delta R.T.: -0.012 min
Response: 383086
Conc: 23.37 ng/ml



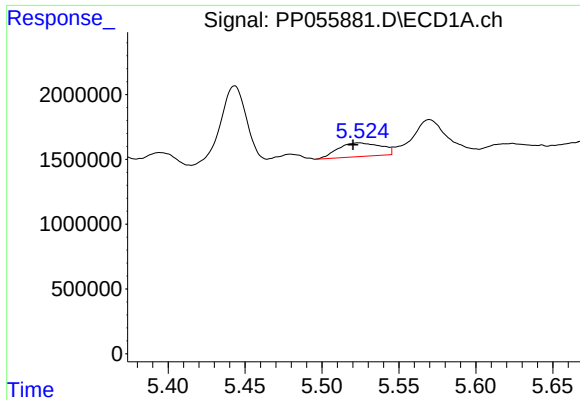
#16 AR-1242-1

R.T.: 5.479 min
Delta R.T.: -0.018 min
Response: 599046
Conc: 12.41 ng/ml



#16 AR-1242-1

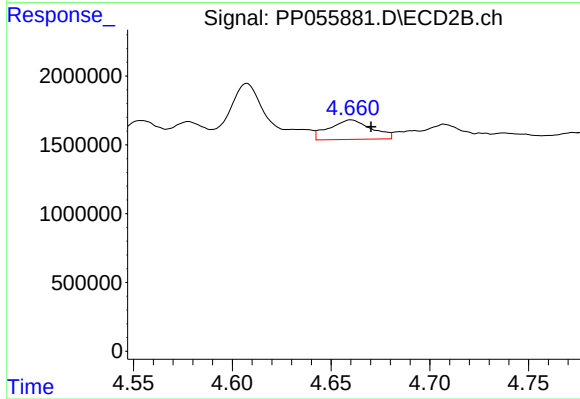
R.T.: 4.660 min
Delta R.T.: 0.008 min
Response: 2117456
Conc: 57.55 ng/ml



#17 AR-1242-2

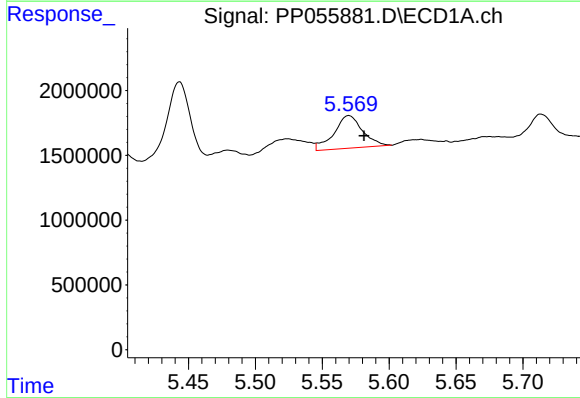
R.T.: 5.524 min
Delta R.T.: 0.004 min
Response: 2044086
Conc: 28.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



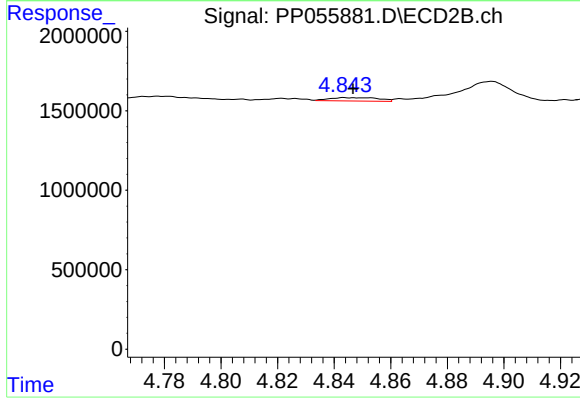
#17 AR-1242-2

R.T.: 4.660 min
Delta R.T.: -0.010 min
Response: 2117456
Conc: 40.20 ng/ml



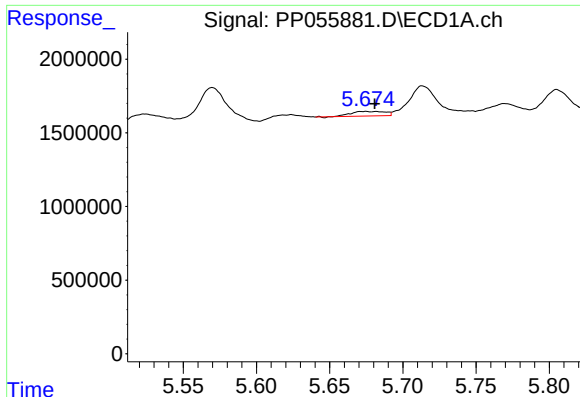
#18 AR-1242-3

R.T.: 5.570 min
Delta R.T.: -0.011 min
Response: 3742857
Conc: 83.89 ng/ml



#18 AR-1242-3

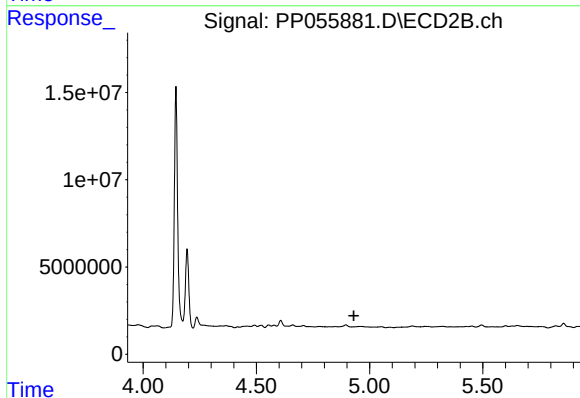
R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 263083
Conc: 9.29 ng/ml



#19 AR-1242-4

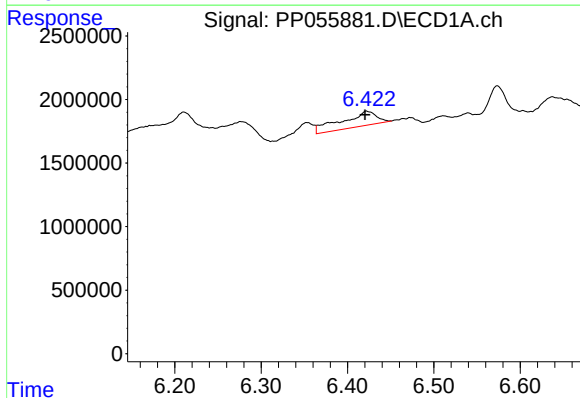
R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 514429
Conc: 14.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



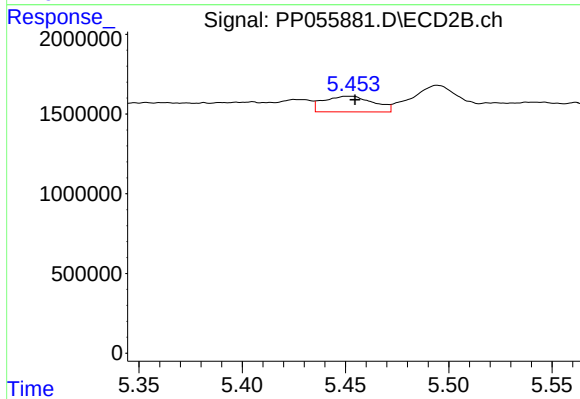
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.931 min
Response: 0
Conc: N.D.



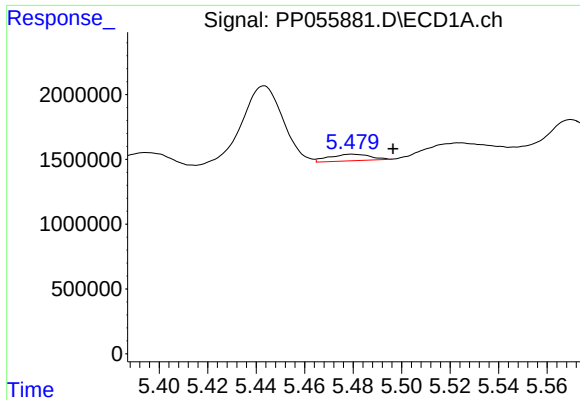
#20 AR-1242-5

R.T.: 6.422 min
Delta R.T.: 0.002 min
Response: 3274705
Conc: 78.18 ng/ml



#20 AR-1242-5

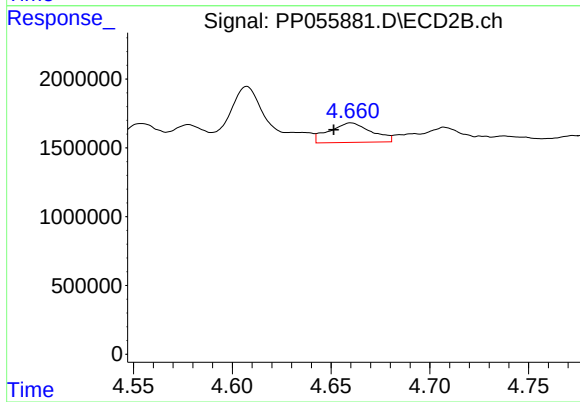
R.T.: 5.452 min
Delta R.T.: -0.003 min
Response: 1659306
Conc: 49.82 ng/ml



#21 AR-1248-1

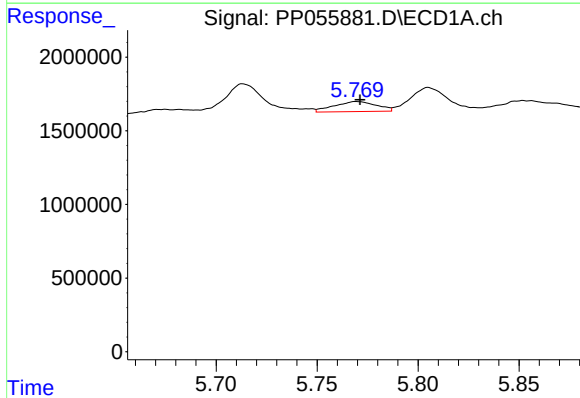
R.T.: 5.479 min
Delta R.T.: -0.017 min
Response: 599046
Conc: 16.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



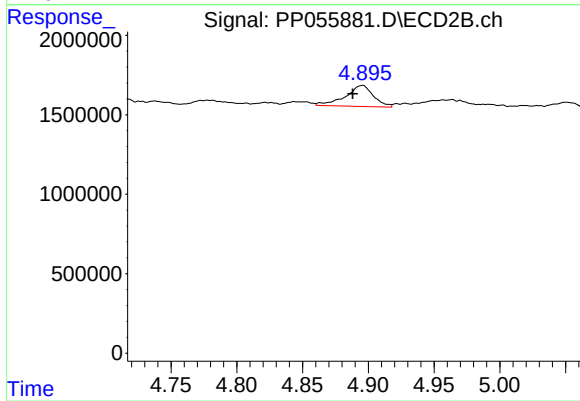
#21 AR-1248-1

R.T.: 4.660 min
Delta R.T.: 0.009 min
Response: 2117456
Conc: 75.82 ng/ml



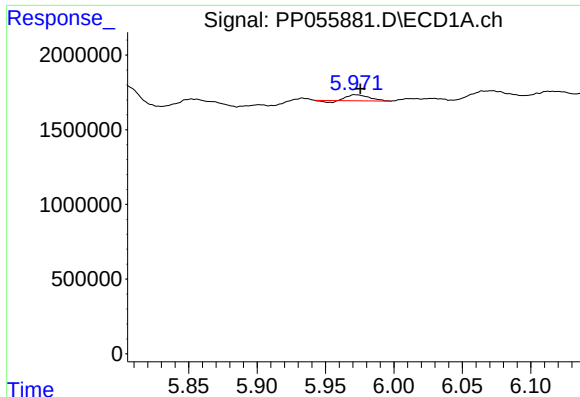
#22 AR-1248-2

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 994904
Conc: 17.29 ng/ml



#22 AR-1248-2

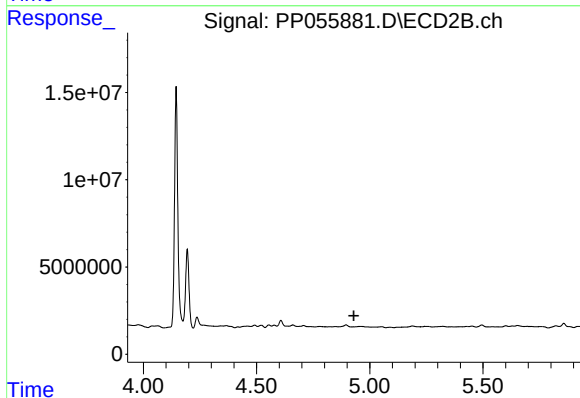
R.T.: 4.895 min
Delta R.T.: 0.007 min
Response: 1962509
Conc: 46.13 ng/ml



#23 AR-1248-3

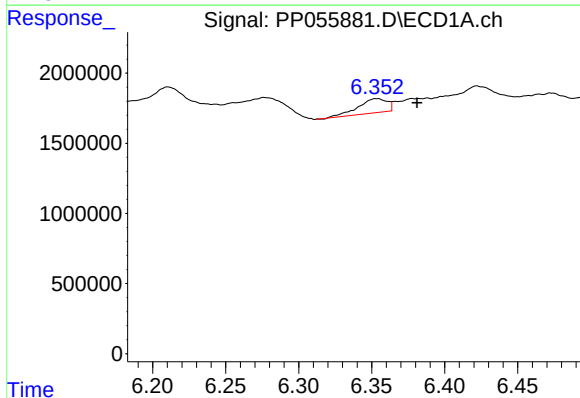
R.T.: 5.972 min
Delta R.T.: -0.004 min
Response: 416669
Conc: 6.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



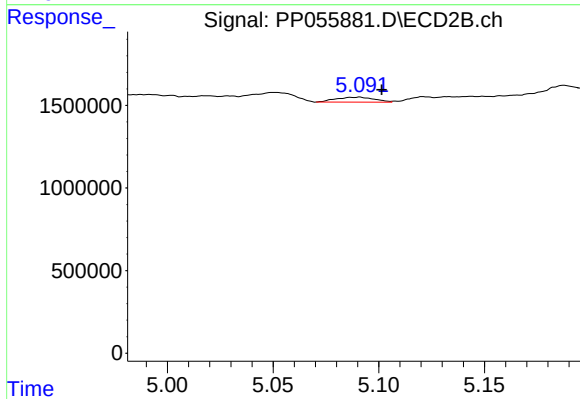
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.930 min
Response: 0
Conc: N.D.



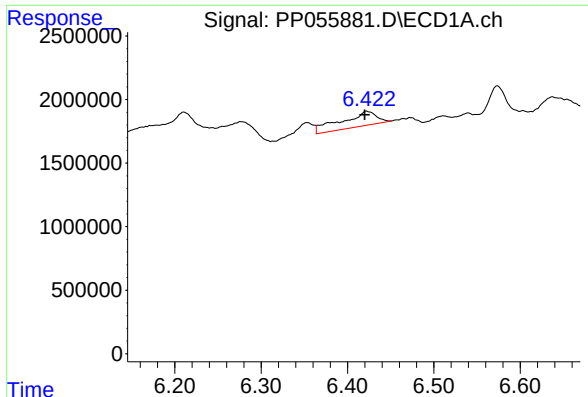
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: -0.028 min
Response: 1402781
Conc: 19.33 ng/ml



#24 AR-1248-4

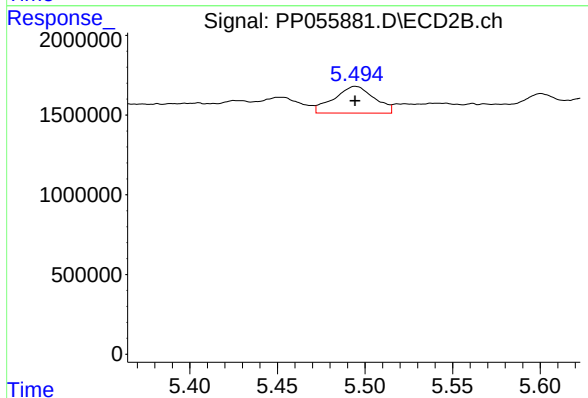
R.T.: 5.091 min
Delta R.T.: -0.011 min
Response: 383086
Conc: 7.48 ng/ml



#25 AR-1248-5

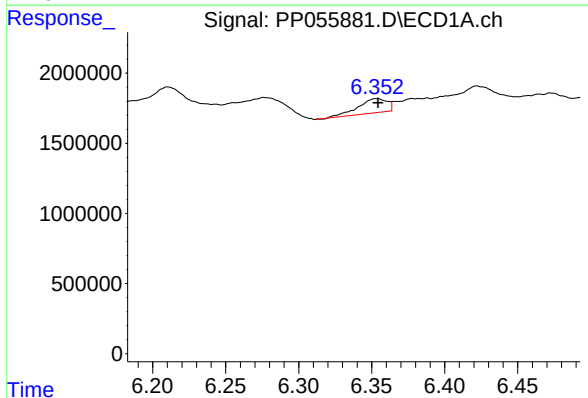
R.T.: 6.422 min
Delta R.T.: 0.002 min
Response: 3274705
Conc: 46.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



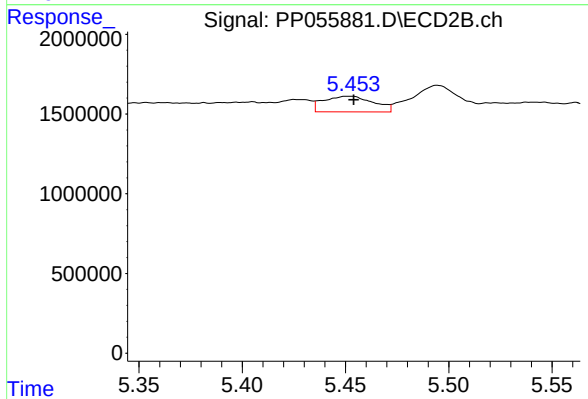
#25 AR-1248-5

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 2690418
Conc: 61.04 ng/ml



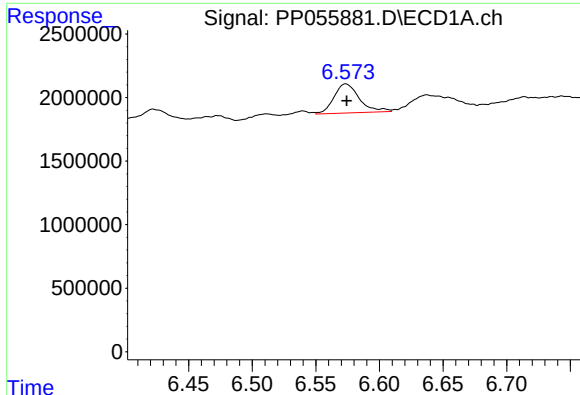
#26 AR-1254-1

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 1402781
Conc: 19.08 ng/ml



#26 AR-1254-1

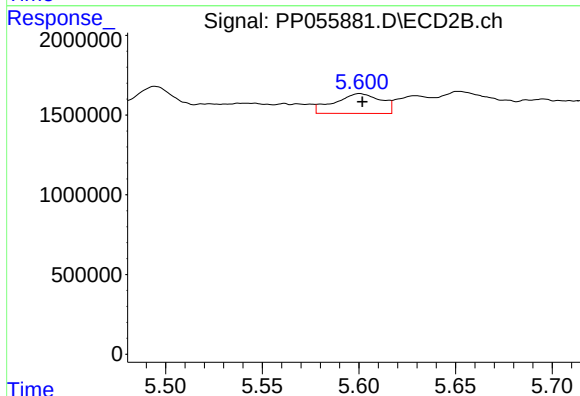
R.T.: 5.452 min
Delta R.T.: -0.002 min
Response: 1659306
Conc: 22.55 ng/ml



#27 AR-1254-2

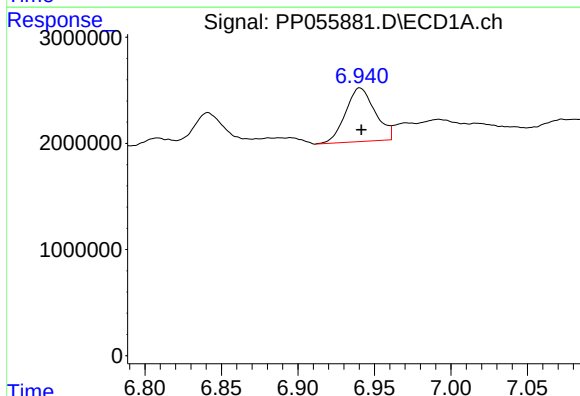
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 3203269
Conc: 27.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



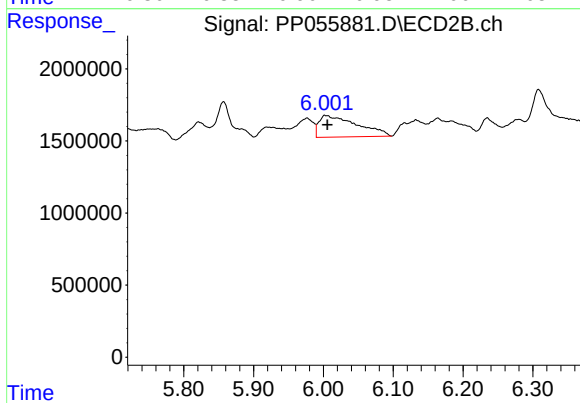
#27 AR-1254-2

R.T.: 5.600 min
Delta R.T.: -0.001 min
Response: 2075306
Conc: 32.98 ng/ml



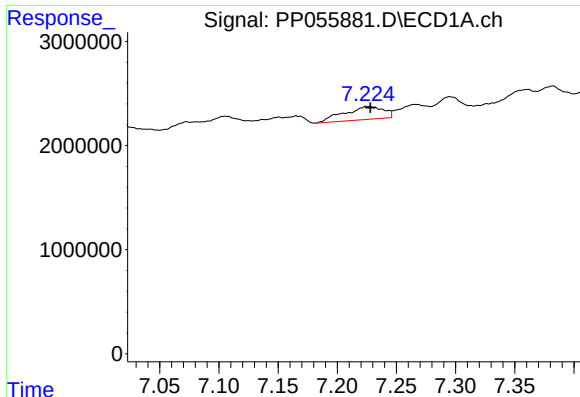
#28 AR-1254-3

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 6784834
Conc: 55.13 ng/ml



#28 AR-1254-3

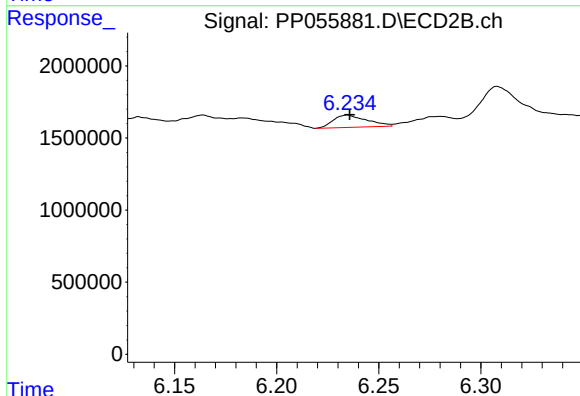
R.T.: 6.002 min
Delta R.T.: -0.003 min
Response: 5692539
Conc: 58.04 ng/ml



#29 AR-1254-4

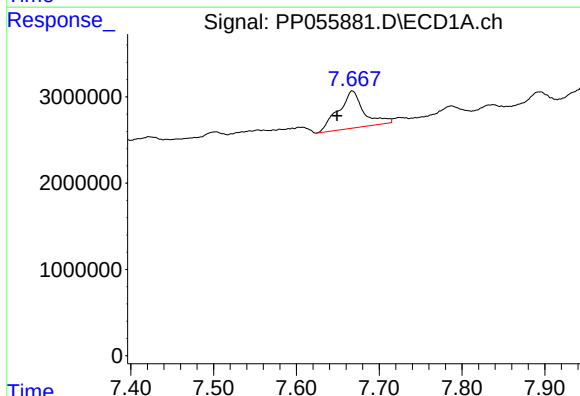
R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 2894110
Conc: 31.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



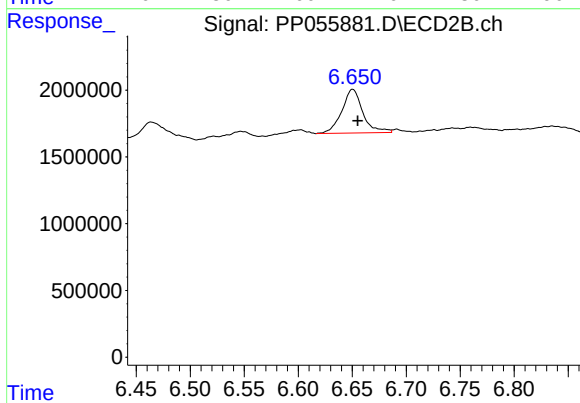
#29 AR-1254-4

R.T.: 6.235 min
Delta R.T.: -0.001 min
Response: 975266
Conc: 17.72 ng/ml



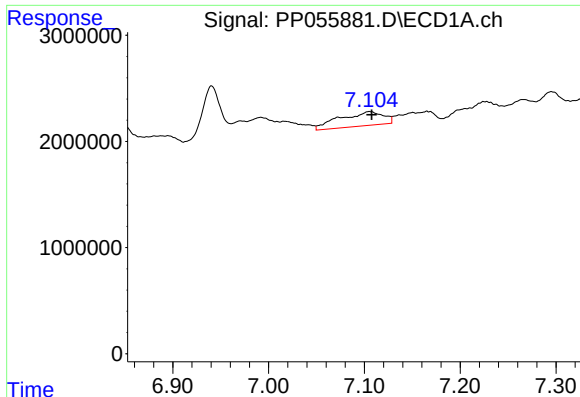
#30 AR-1254-5

R.T.: 7.668 min
Delta R.T.: 0.018 min
Response: 9113281
Conc: 86.71 ng/ml



#30 AR-1254-5

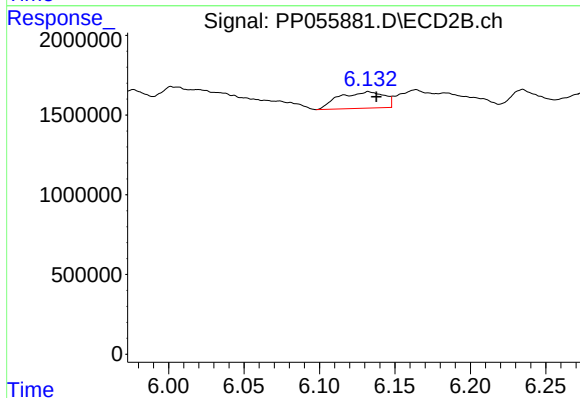
R.T.: 6.650 min
Delta R.T.: -0.005 min
Response: 4426916
Conc: 54.49 ng/ml



#31 AR-1260-1

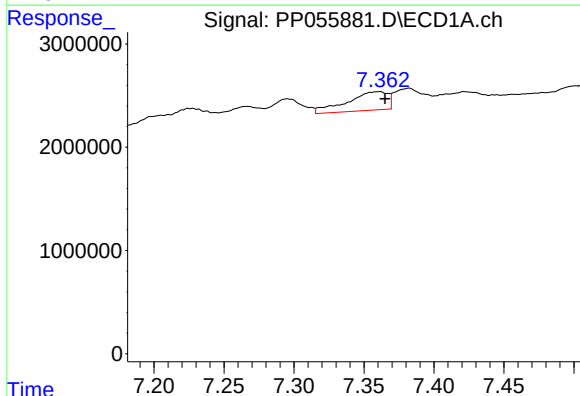
R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 4218048
Conc: 40.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



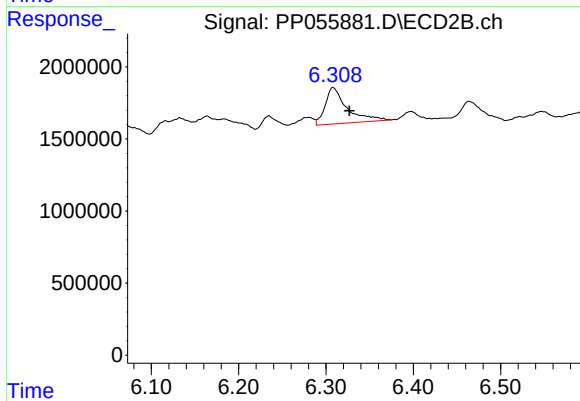
#31 AR-1260-1

R.T.: 6.133 min
Delta R.T.: -0.005 min
Response: 2140001
Conc: 29.35 ng/ml



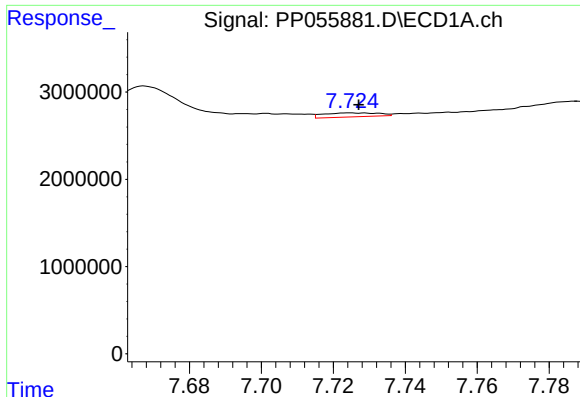
#32 AR-1260-2

R.T.: 7.361 min
Delta R.T.: -0.004 min
Response: 3681517
Conc: 29.27 ng/ml



#32 AR-1260-2

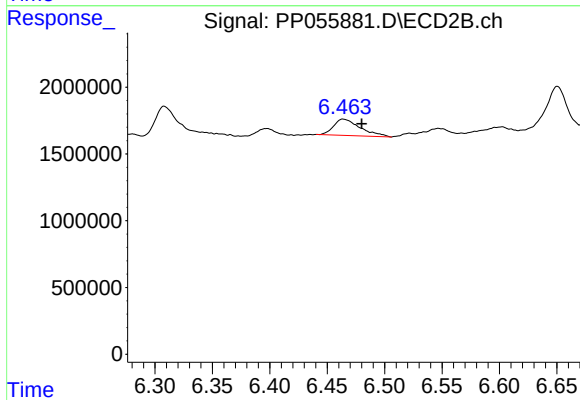
R.T.: 6.308 min
Delta R.T.: -0.019 min
Response: 4362319
Conc: 53.46 ng/ml



#33 AR-1260-3

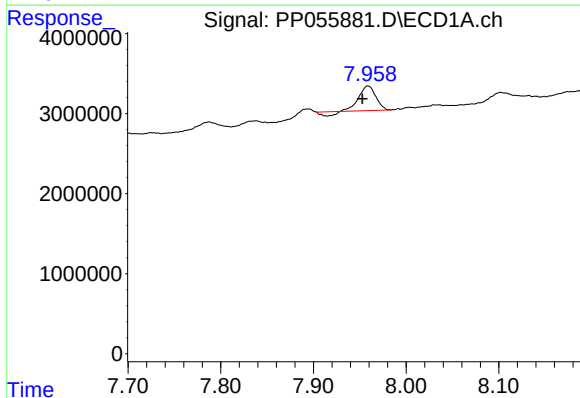
R.T.: 7.725 min
Delta R.T.: -0.002 min
Response: 489600
Conc: 5.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



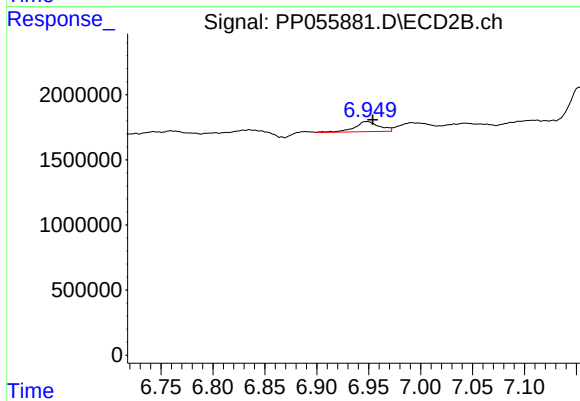
#33 AR-1260-3

R.T.: 6.464 min
Delta R.T.: -0.016 min
Response: 1978413
Conc: 23.41 ng/ml



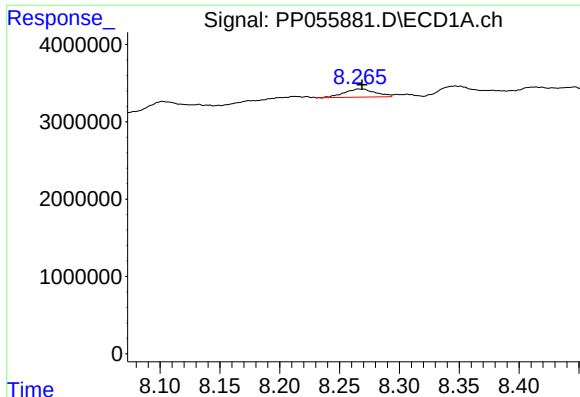
#34 AR-1260-4

R.T.: 7.959 min
Delta R.T.: 0.006 min
Response: 3610794
Conc: 33.60 ng/ml



#34 AR-1260-4

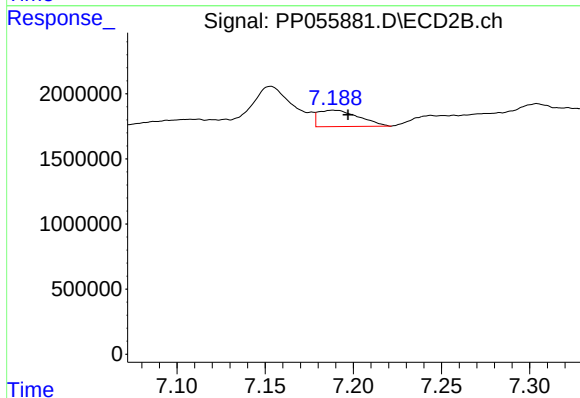
R.T.: 6.948 min
Delta R.T.: -0.006 min
Response: 1286740
Conc: 20.11 ng/ml



#35 AR-1260-5

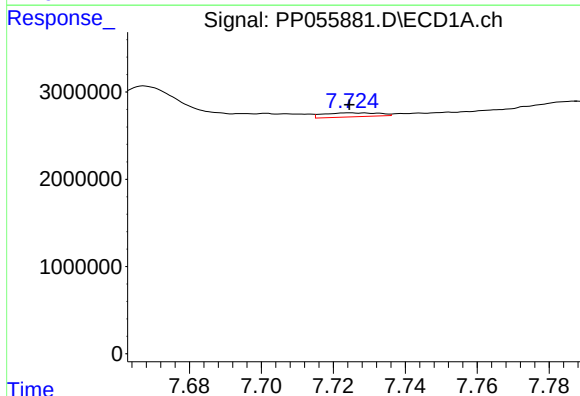
R.T.: 8.266 min
Delta R.T.: -0.003 min
Response: 1899978
Conc: 9.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



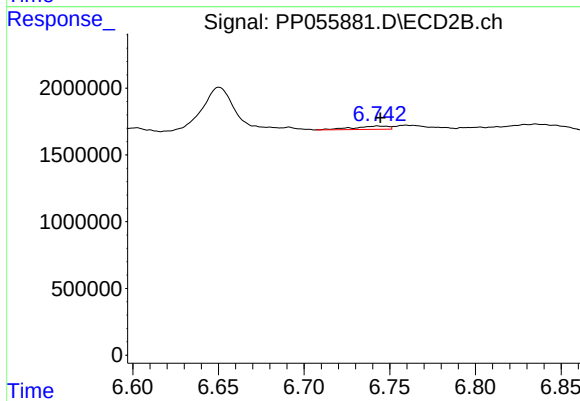
#35 AR-1260-5

R.T.: 7.189 min
Delta R.T.: -0.008 min
Response: 2007760
Conc: 14.83 ng/ml



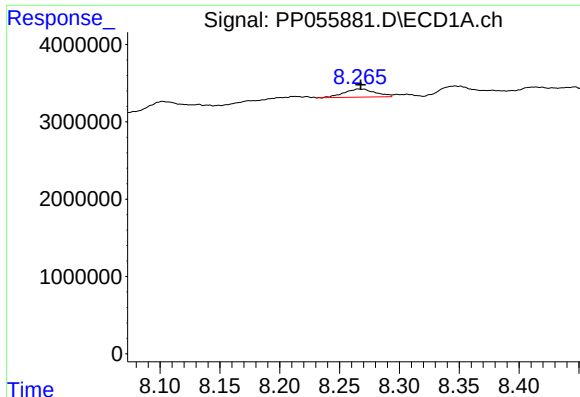
#36 AR-1262-1

R.T.: 7.725 min
Delta R.T.: 0.000 min
Response: 489600
Conc: 4.15 ng/ml



#36 AR-1262-1

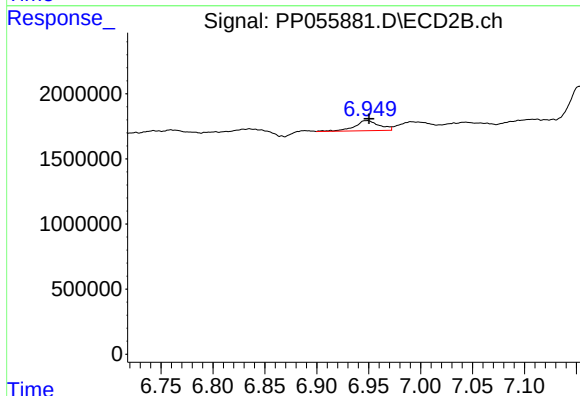
R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 362577
Conc: 10.29 ng/ml



#37 AR-1262-2

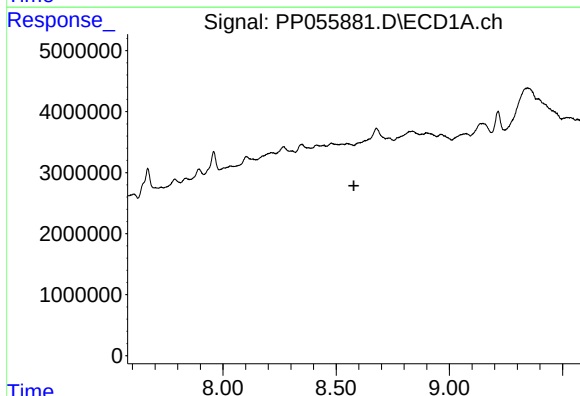
R.T.: 8.266 min
Delta R.T.: -0.001 min
Response: 1899978
Conc: 8.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



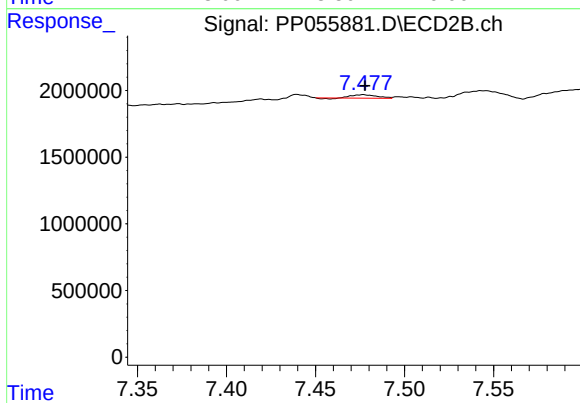
#37 AR-1262-2

R.T.: 6.948 min
Delta R.T.: -0.002 min
Response: 1286740
Conc: 17.33 ng/ml



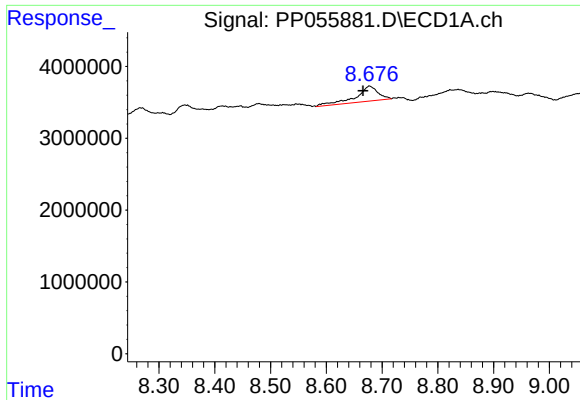
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.578 min
Response: 0
Conc: N.D.



#38 AR-1262-3

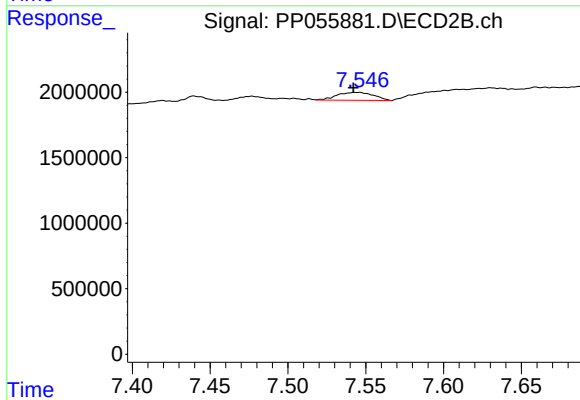
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 221200
Conc: 3.99 ng/ml



#39 AR-1262-4

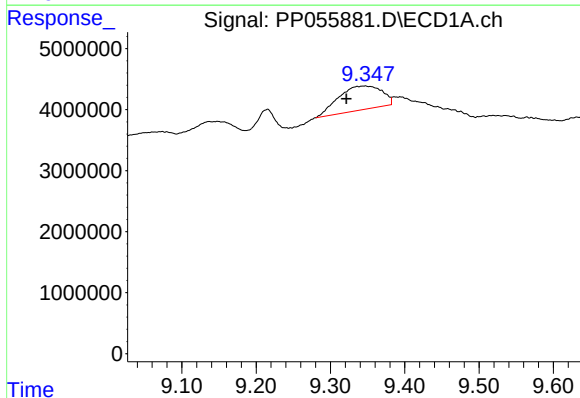
R.T.: 8.677 min
Delta R.T.: 0.012 min
Response: 5822069
Conc: 77.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



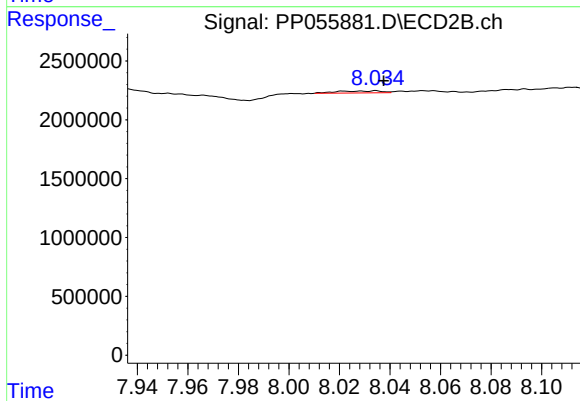
#39 AR-1262-4

R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 993095
Conc: 9.78 ng/ml



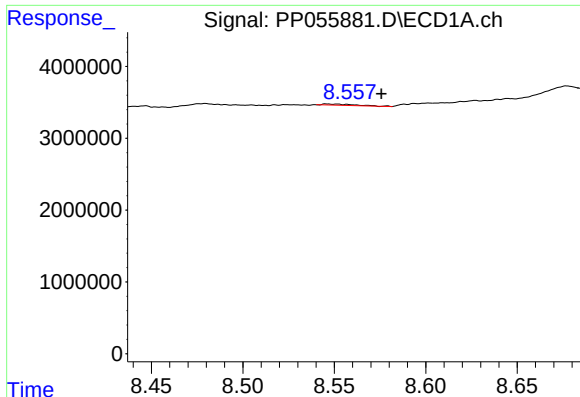
#40 AR-1262-5

R.T.: 9.347 min
Delta R.T.: 0.025 min
Response: 15853063
Conc: 192.28 ng/ml



#40 AR-1262-5

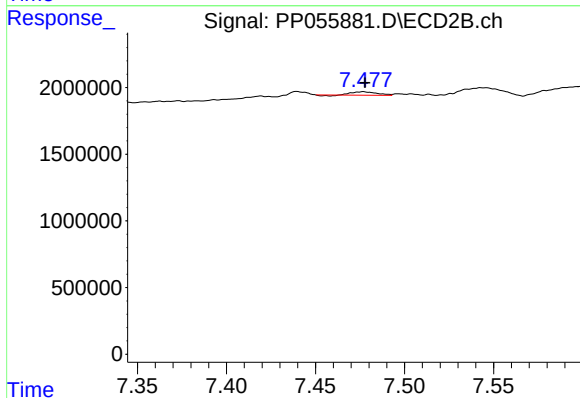
R.T.: 8.034 min
Delta R.T.: -0.003 min
Response: 207617
Conc: 4.57 ng/ml



#41 AR-1268-1

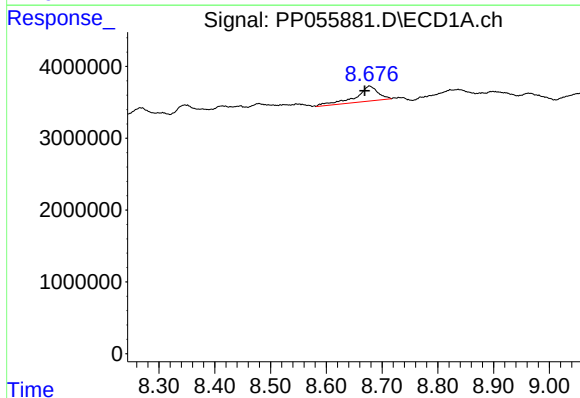
R.T.: 8.546 min
Delta R.T.: -0.030 min
Response: 209081
Conc: 0.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



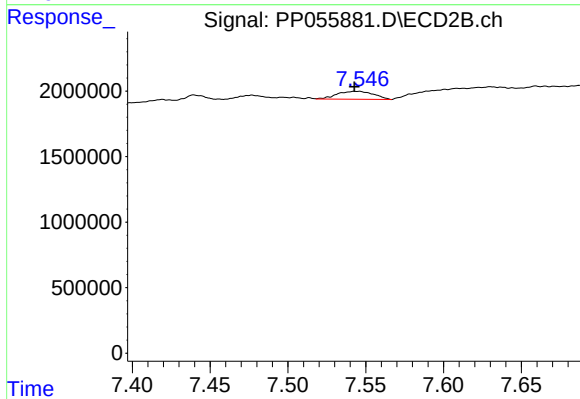
#41 AR-1268-1

R.T.: 7.477 min
Delta R.T.: -0.001 min
Response: 221200
Conc: 1.32 ng/ml



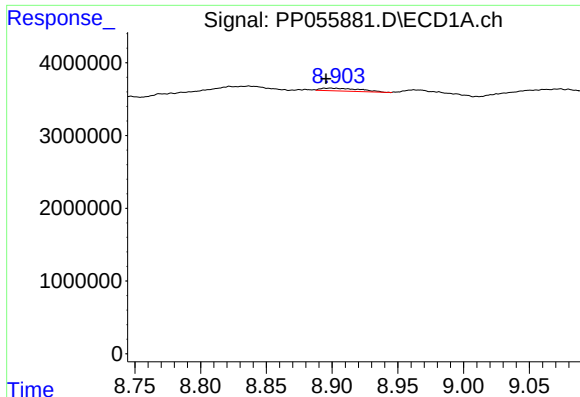
#42 AR-1268-2

R.T.: 8.677 min
Delta R.T.: 0.009 min
Response: 5822069
Conc: 21.84 ng/ml



#42 AR-1268-2

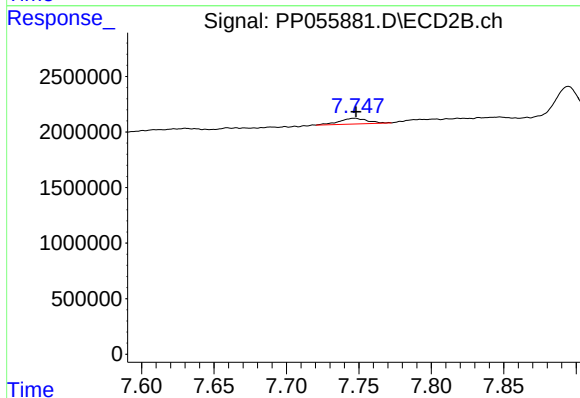
R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 993095
Conc: 6.49 ng/ml



#43 AR-1268-3

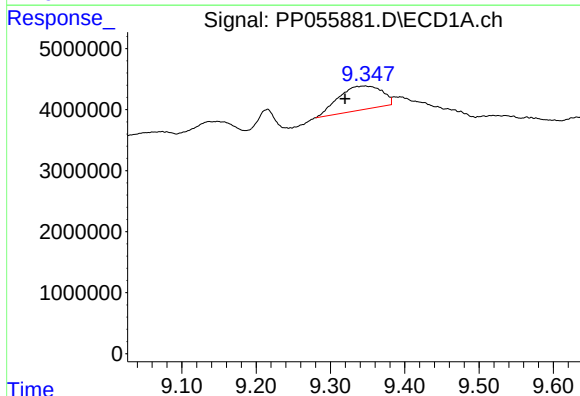
R.T.: 8.899 min
Delta R.T.: 0.003 min
Response: 780754
Conc: 3.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



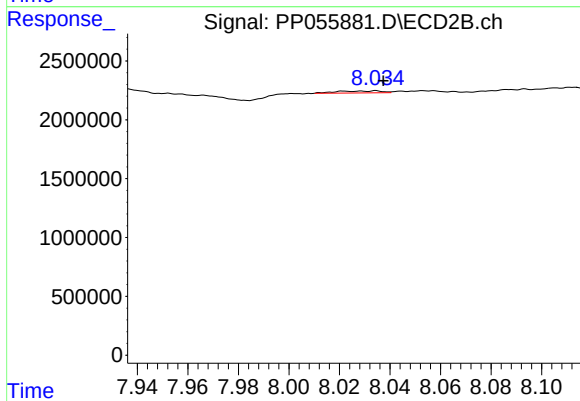
#43 AR-1268-3

R.T.: 7.747 min
Delta R.T.: -0.001 min
Response: 682241
Conc: 4.97 ng/ml



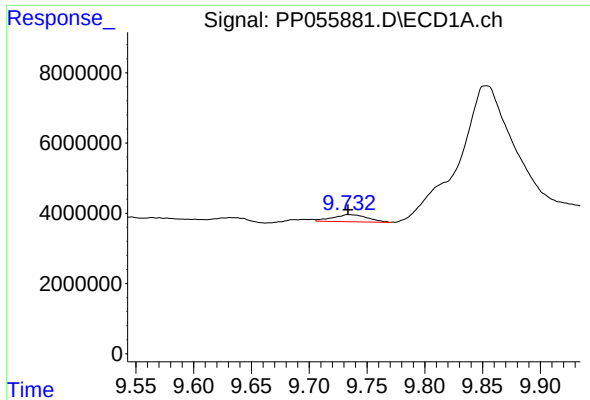
#44 AR-1268-4

R.T.: 9.347 min
Delta R.T.: 0.027 min
Response: 15853063
Conc: 160.57 ng/ml



#44 AR-1268-4

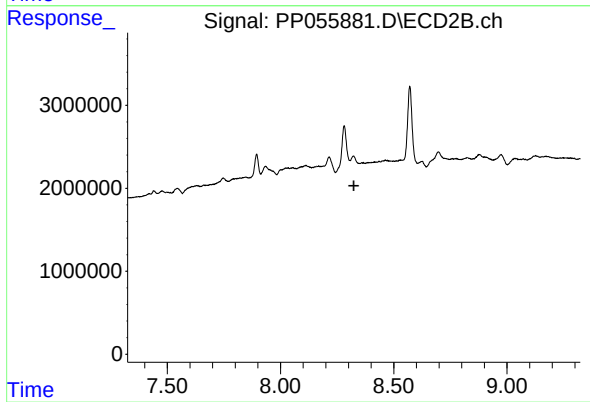
R.T.: 8.034 min
Delta R.T.: -0.003 min
Response: 207617
Conc: 3.77 ng/ml



#45 AR-1268-5

R.T.: 9.734 min
Delta R.T.: 0.000 min
Response: 4236242
Conc: 5.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.323 min
Delta R.T.: -0.001 min
Response: -323520
Conc: N.D.