

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060223\
 Data File : PP058194.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 15:53
 Operator : YP\AJ
 Sample : 03016-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 05:33:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP050823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 08 19:18:05 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...	4.380	3.619	41221211	44000335	18.790	19.398
2)	SA Decachlor...	10.205	8.678	22915177	23015207	20.221	14.662 #
Target Compounds							
3)	L1 AR-1016-1	5.578	4.742f	3737784	16376083	60.001	219.756 #
4)	L1 AR-1016-2	5.601	4.742	1334854	16376083	14.847	158.425 #
5)	L1 AR-1016-3	5.668	4.919	4512969	1532240	79.814	25.990 #
6)	L1 AR-1016-4	5.763	4.964	2590925	3607687	56.102	76.696 #
7)	L1 AR-1016-5	6.077f	5.162	9041091	4288716	193.861	72.230 #
8)	L2 AR-1221-1	4.588	3.837	8916885	-844665	308.144	N.D. #
9)	L2 AR-1221-2	4.686	3.904f	3217485	6261741	148.453	281.112 #
10)	L2 AR-1221-3	4.741f	4.006	15839891	2355123	262.944	36.964 #
11)	L3 AR-1232-1	4.741f	4.006	15839891	2355123	361.633	51.033 #
12)	L3 AR-1232-2	5.311	4.742	8636802	16376083	331.183	346.056
13)	L3 AR-1232-3	5.601	4.919	1334854	1532240	32.707	56.294 #
14)	L3 AR-1232-4	5.763	0.000	2590925	0	121.672	N.D. #
15)	L3 AR-1232-5	5.859	5.162	11581392	4288716	634.151	155.095 #
16)	L4 AR-1242-1	5.578	4.742f	3737784	16376083	78.462	281.323 #
17)	L4 AR-1242-2	5.601	4.742	1334854	16376083	19.519	205.167 #
18)	L4 AR-1242-3	5.668	4.919	4512969	1532240	103.650	32.672 #
19)	L4 AR-1242-4	5.763	0.000	2590925	0	73.529	N.D. #
20)	L4 AR-1242-5	6.507	5.535	5808115	3577674	179.256	63.990 #
21)	L5 AR-1248-1	5.578	4.742f	3737784	16376083	88.820	318.237 #
22)	L5 AR-1248-2	5.859	4.964	11581392	3607687	177.627	50.244 #
23)	L5 AR-1248-3	6.077f	0.000	9041091	0	130.197	N.D. #
24)	L5 AR-1248-4	6.465	5.162	11941872	4288716	186.852	48.079 #
25)	L5 AR-1248-5	6.507	5.576	5808115	1816207	90.527	21.845 #
26)	L6 AR-1254-1	6.433	5.535	2599787	3577674	38.735	32.041
27)	L6 AR-1254-2	6.647	5.681	3535103	5741636	37.370	57.529 #
28)	L6 AR-1254-3	7.011	6.095	5511036	3763466	60.502	24.055 #
29)	L6 AR-1254-4	7.313	6.317	2651782	2674518	44.521	28.991 #
30)	L6 AR-1254-5	7.736	6.769f	429021	23650838	6.249	163.380 #
31)	L7 AR-1260-1	7.179	6.210	5724647	901153	72.559	8.196 #
32)	L7 AR-1260-2	7.457	6.413	190.3E6	79776	2375.207	0.628 #
33)	L7 AR-1260-3	7.801	6.539f	2188113	249.4E6	38.405	2033.559 #
34)	L7 AR-1260-4	8.025	7.035	1348926	1701299	20.302	19.470
35)	L7 AR-1260-5	8.357	7.270	3747008	344302	34.895	1.864 #
36)	L8 AR-1262-1	7.801	6.842	2188113	2662959	25.410	41.912 #
37)	L8 AR-1262-2	8.357	7.035	3747008	1701299	30.780	13.723 #
38)	L8 AR-1262-3	8.685	7.558	1545344	1868634	17.775	19.914
39)	L8 AR-1262-4	8.773	7.636	525456	843025	7.839	4.949 #
40)	L8 AR-1262-5	9.441	8.140	-10059	416496	N.D.	5.659 #
41)	L9 AR-1268-1	8.685	7.558	1545344	1868634	9.925	7.099 #

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 ALS Vial : 14 Sample Multiplier: 1

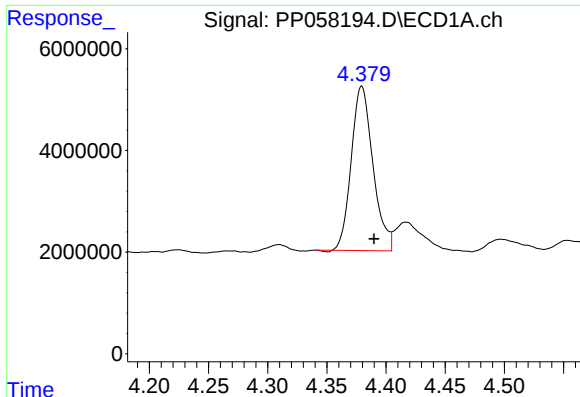
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 05:33:06 2023
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 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	8.773	7.636	525456	843025	4.027	3.443
43) L9	AR-1268-3	9.025f	7.824f	769810	422215	5.963	2.082 #
44) L9	AR-1268-4	9.441	8.140	-10059	416496	N.D.	5.029 #
45) L9	AR-1268-5	9.872	8.421	735762	158526	2.251	0.307 #

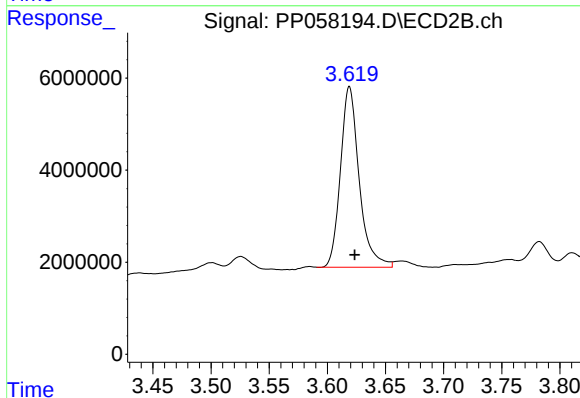
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

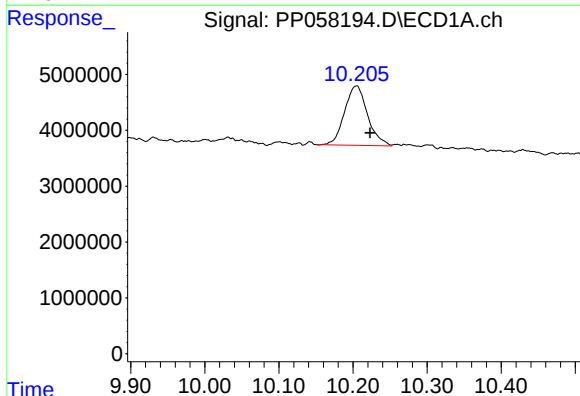
R.T.: 4.380 min
Delta R.T.: -0.010 min
Response: 41221211
Conc: 18.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



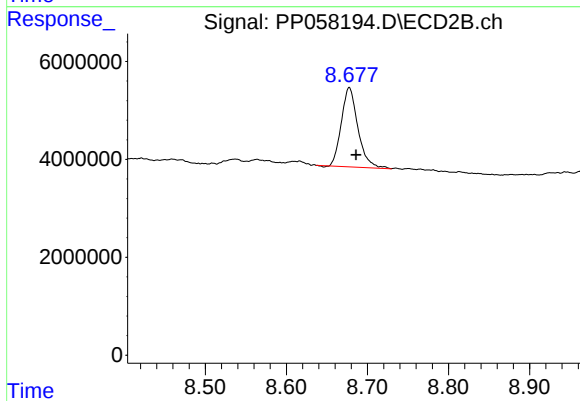
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.005 min
Response: 44000335
Conc: 19.40 ng/ml



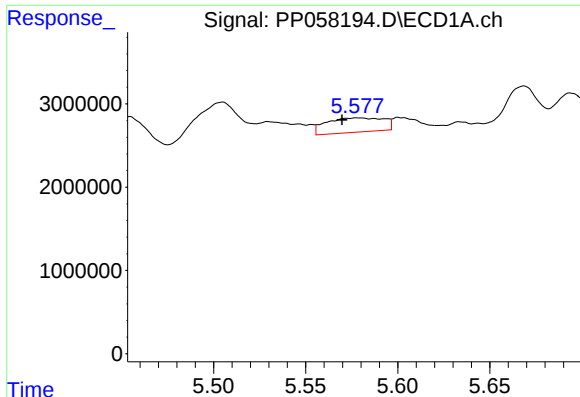
#2 Decachlorobiphenyl

R.T.: 10.205 min
Delta R.T.: -0.018 min
Response: 22915177
Conc: 20.22 ng/ml



#2 Decachlorobiphenyl

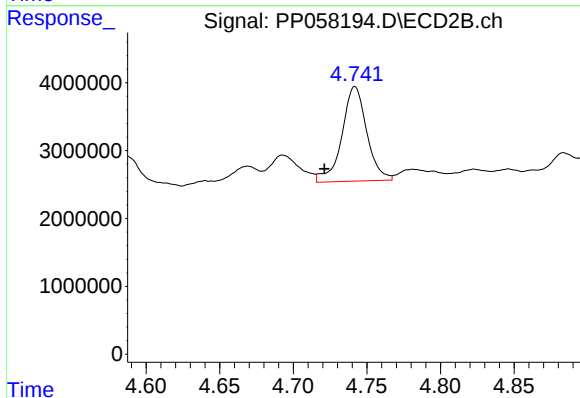
R.T.: 8.678 min
Delta R.T.: -0.008 min
Response: 23015207
Conc: 14.66 ng/ml



#3 AR-1016-1

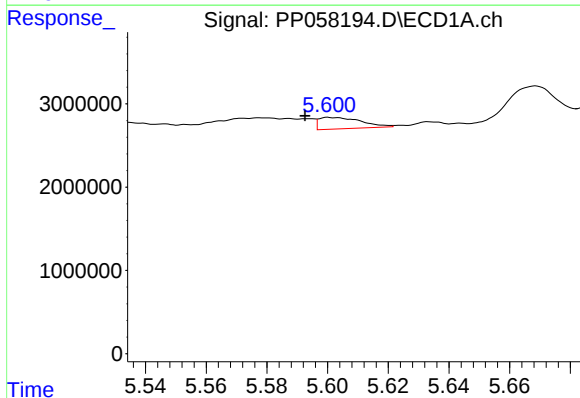
R.T.: 5.578 min
Delta R.T.: 0.009 min
Response: 3737784
Conc: 60.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



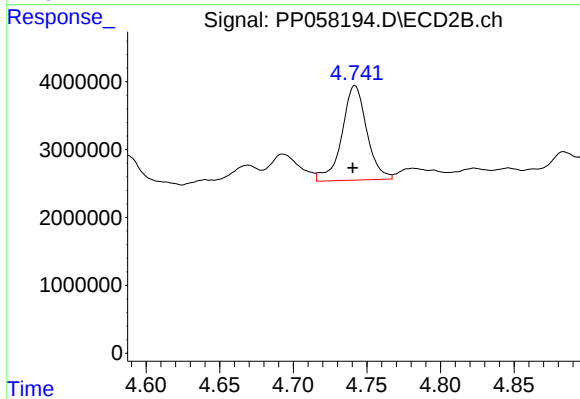
#3 AR-1016-1

R.T.: 4.742 min
Delta R.T.: 0.021 min
Response: 16376083
Conc: 219.76 ng/ml



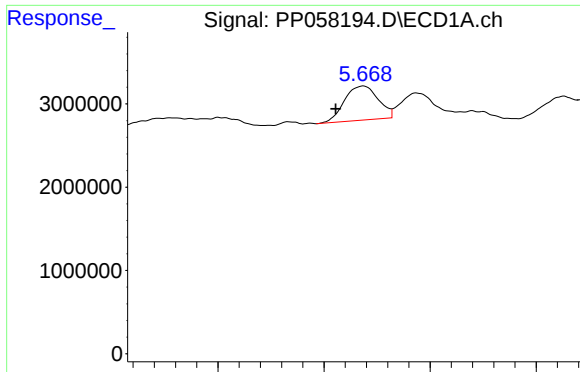
#4 AR-1016-2

R.T.: 5.601 min
Delta R.T.: 0.008 min
Response: 1334854
Conc: 14.85 ng/ml



#4 AR-1016-2

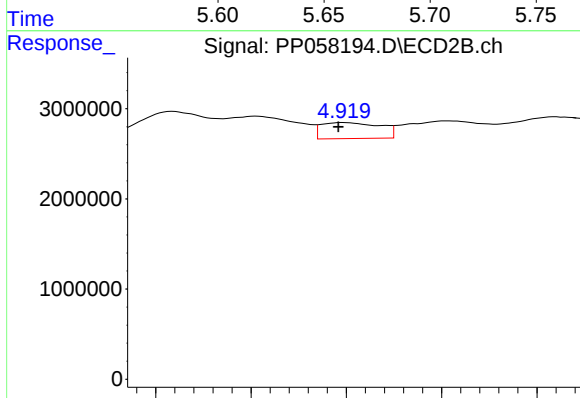
R.T.: 4.742 min
Delta R.T.: 0.002 min
Response: 16376083
Conc: 158.43 ng/ml



#5 AR-1016-3

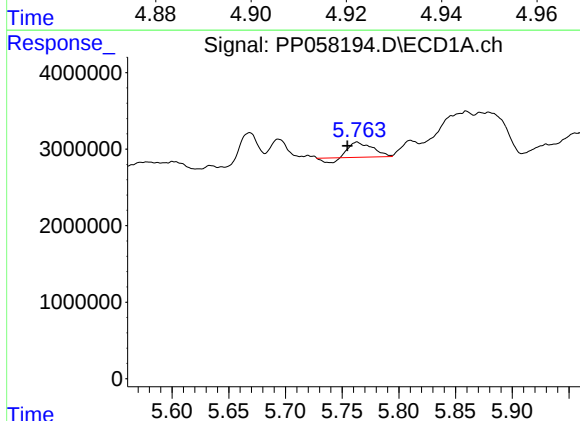
R.T.: 5.668 min
Delta R.T.: 0.013 min
Response: 4512969
Conc: 79.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



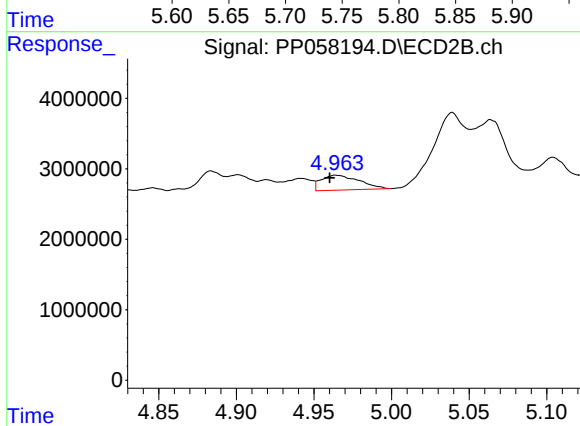
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: 0.001 min
Response: 1532240
Conc: 25.99 ng/ml



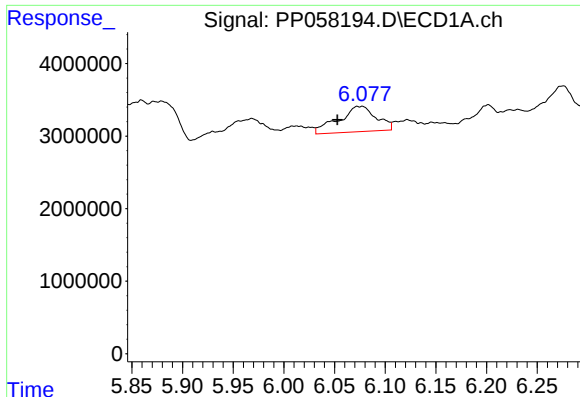
#6 AR-1016-4

R.T.: 5.763 min
Delta R.T.: 0.008 min
Response: 2590925
Conc: 56.10 ng/ml



#6 AR-1016-4

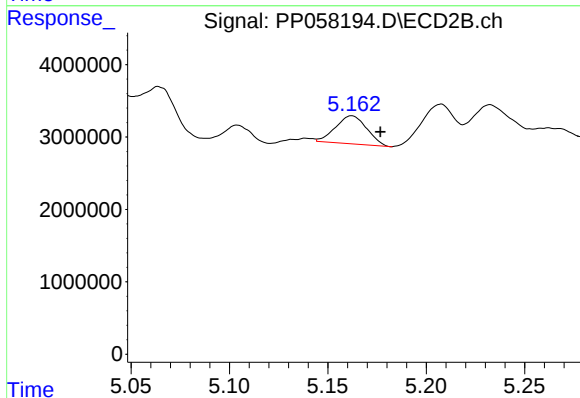
R.T.: 4.964 min
Delta R.T.: 0.004 min
Response: 3607687
Conc: 76.70 ng/ml



#7 AR-1016-5

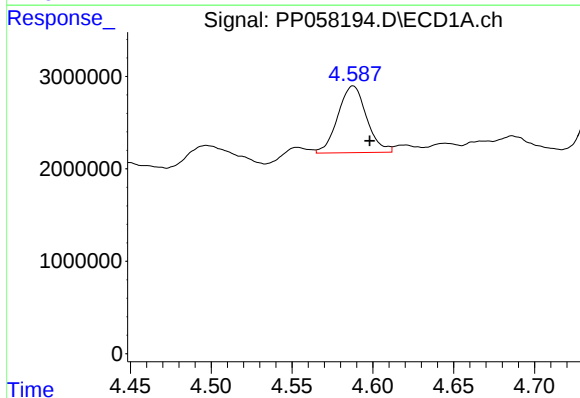
R.T.: 6.077 min
Delta R.T.: 0.025 min
Response: 9041091
Conc: 193.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



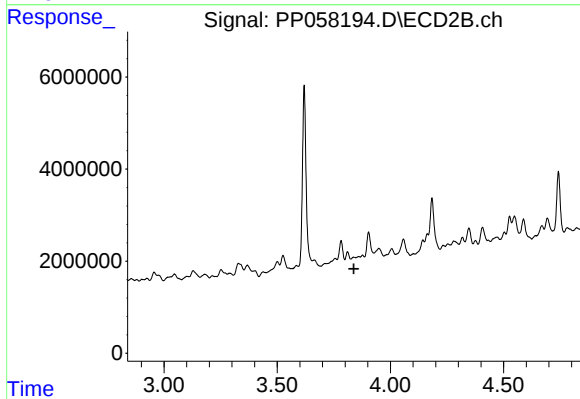
#7 AR-1016-5

R.T.: 5.162 min
Delta R.T.: -0.014 min
Response: 4288716
Conc: 72.23 ng/ml



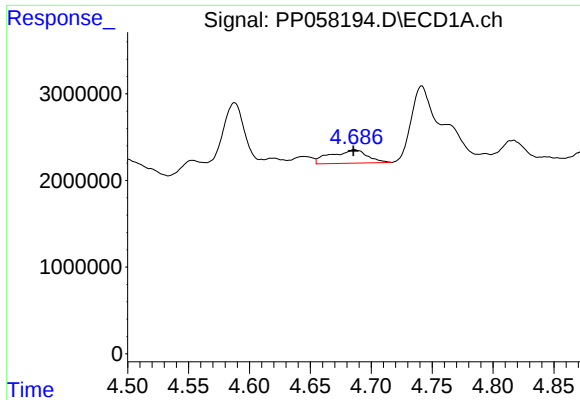
#8 AR-1221-1

R.T.: 4.588 min
Delta R.T.: -0.010 min
Response: 8916885
Conc: 308.14 ng/ml



#8 AR-1221-1

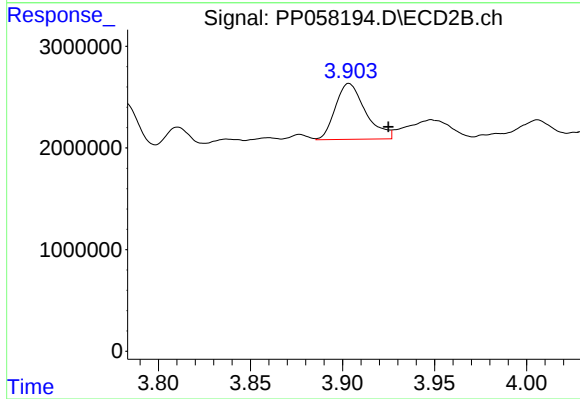
R.T.: 3.837 min
Delta R.T.: -0.001 min
Response: -844665
Conc: N.D.



#9 AR-1221-2

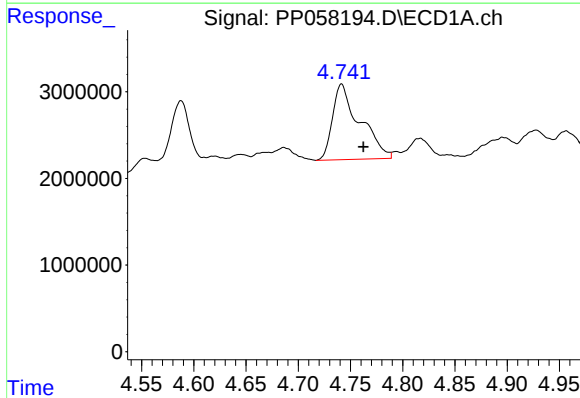
R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 3217485
Conc: 148.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



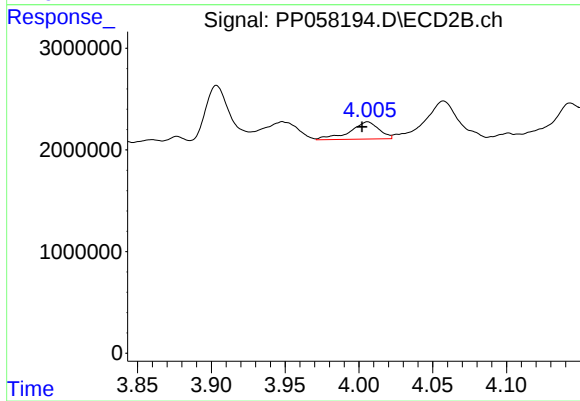
#9 AR-1221-2

R.T.: 3.904 min
Delta R.T.: -0.021 min
Response: 6261741
Conc: 281.11 ng/ml



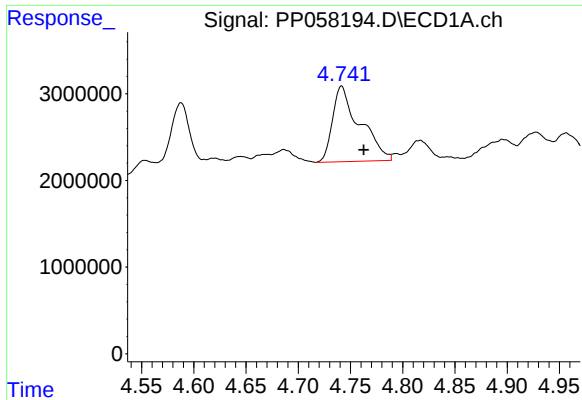
#10 AR-1221-3

R.T.: 4.741 min
Delta R.T.: -0.021 min
Response: 15839891
Conc: 262.94 ng/ml



#10 AR-1221-3

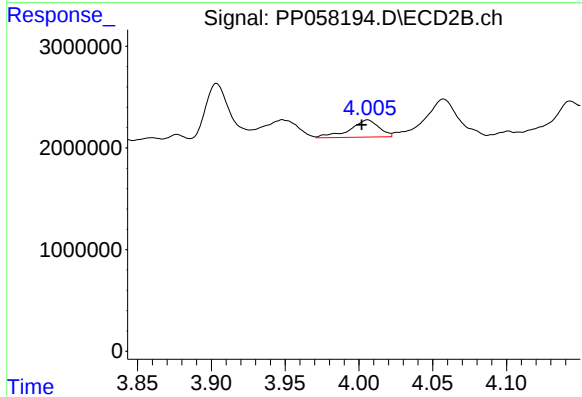
R.T.: 4.006 min
Delta R.T.: 0.004 min
Response: 2355123
Conc: 36.96 ng/ml



#11 AR-1232-1

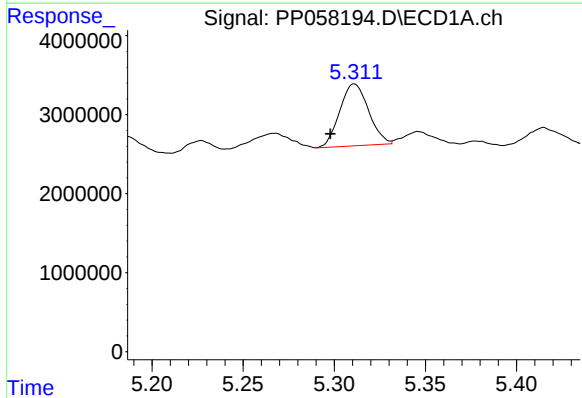
R.T.: 4.741 min
Delta R.T.: -0.021 min
Response: 15839891
Conc: 361.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



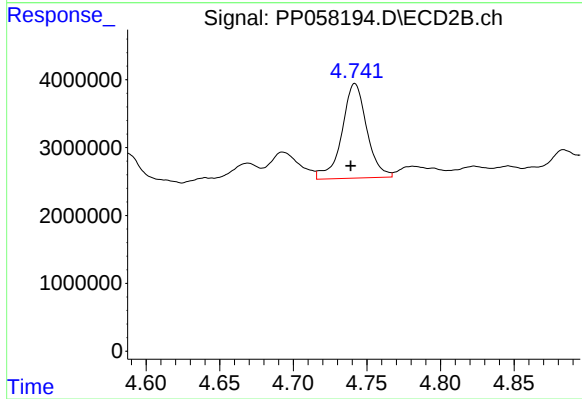
#11 AR-1232-1

R.T.: 4.006 min
Delta R.T.: 0.004 min
Response: 2355123
Conc: 51.03 ng/ml



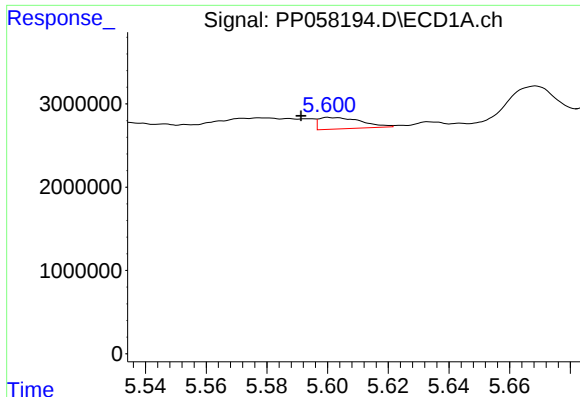
#12 AR-1232-2

R.T.: 5.311 min
Delta R.T.: 0.013 min
Response: 8636802
Conc: 331.18 ng/ml



#12 AR-1232-2

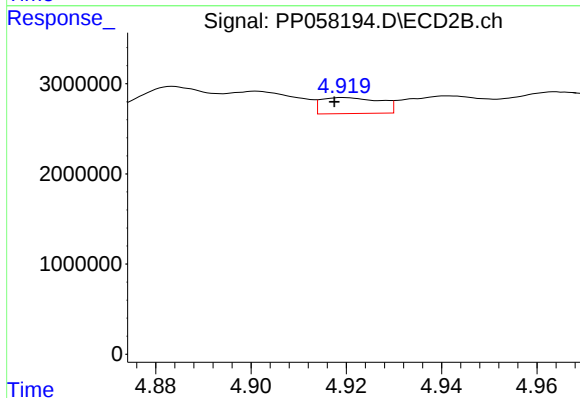
R.T.: 4.742 min
Delta R.T.: 0.003 min
Response: 16376083
Conc: 346.06 ng/ml



#13 AR-1232-3

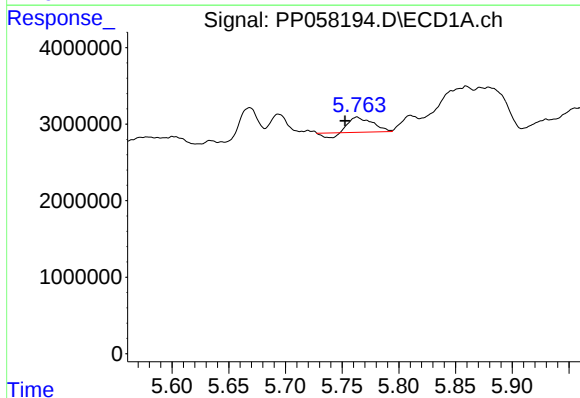
R.T.: 5.601 min
Delta R.T.: 0.010 min
Response: 1334854
Conc: 32.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



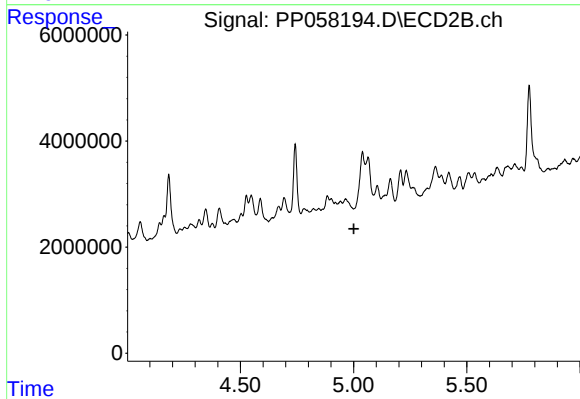
#13 AR-1232-3

R.T.: 4.919 min
Delta R.T.: 0.002 min
Response: 1532240
Conc: 56.29 ng/ml



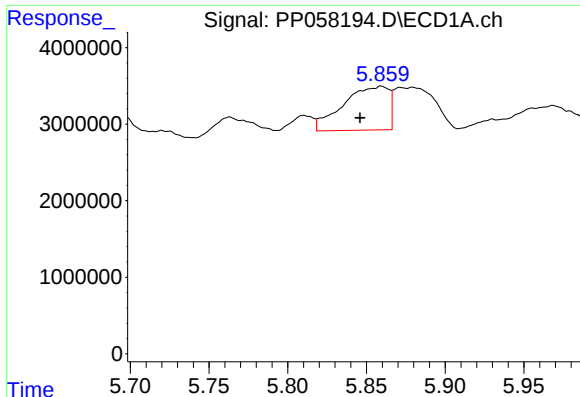
#14 AR-1232-4

R.T.: 5.763 min
Delta R.T.: 0.010 min
Response: 2590925
Conc: 121.67 ng/ml



#14 AR-1232-4

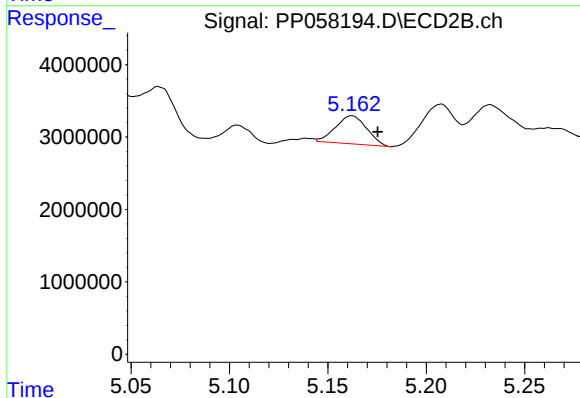
R.T.: 0.000 min
Exp R.T. : 5.001 min
Response: 0
Conc: N.D.



#15 AR-1232-5

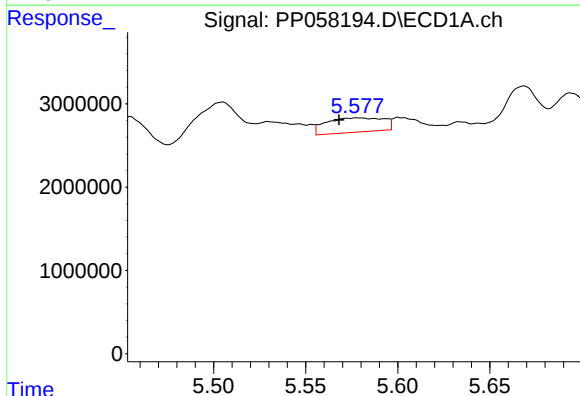
R.T.: 5.859 min
Delta R.T.: 0.014 min
Response: 11581392
Conc: 634.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



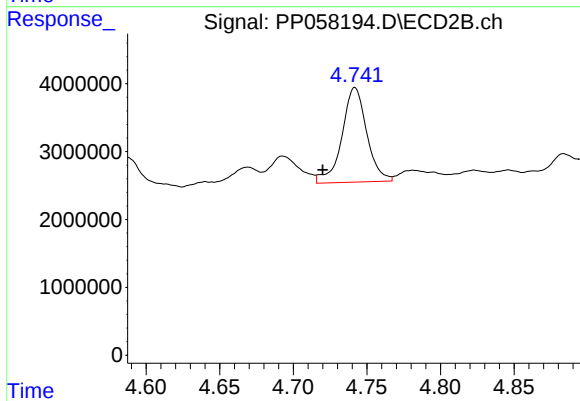
#15 AR-1232-5

R.T.: 5.162 min
Delta R.T.: -0.013 min
Response: 4288716
Conc: 155.09 ng/ml



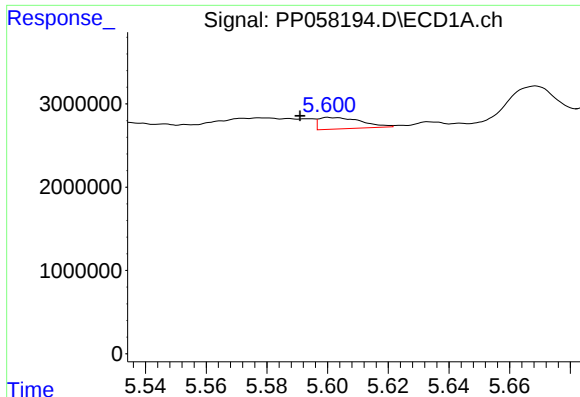
#16 AR-1242-1

R.T.: 5.578 min
Delta R.T.: 0.010 min
Response: 3737784
Conc: 78.46 ng/ml



#16 AR-1242-1

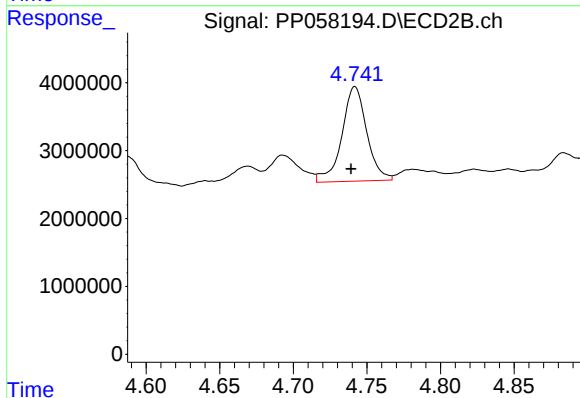
R.T.: 4.742 min
Delta R.T.: 0.022 min
Response: 16376083
Conc: 281.32 ng/ml



#17 AR-1242-2

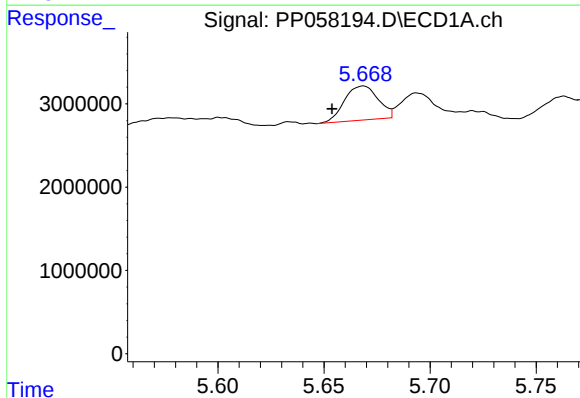
R.T.: 5.601 min
Delta R.T.: 0.010 min
Response: 1334854
Conc: 19.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



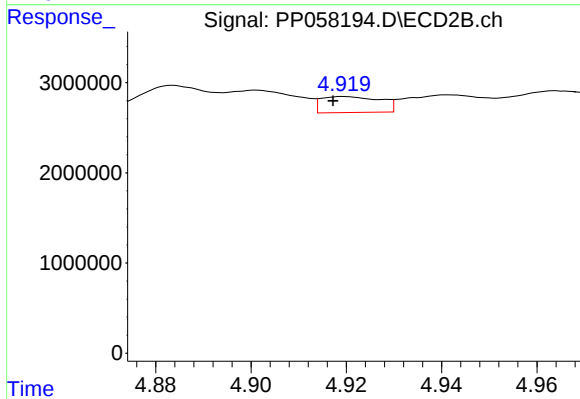
#17 AR-1242-2

R.T.: 4.742 min
Delta R.T.: 0.003 min
Response: 16376083
Conc: 205.17 ng/ml



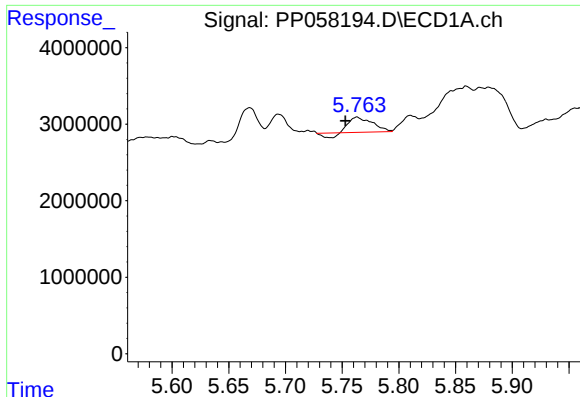
#18 AR-1242-3

R.T.: 5.668 min
Delta R.T.: 0.015 min
Response: 4512969
Conc: 103.65 ng/ml



#18 AR-1242-3

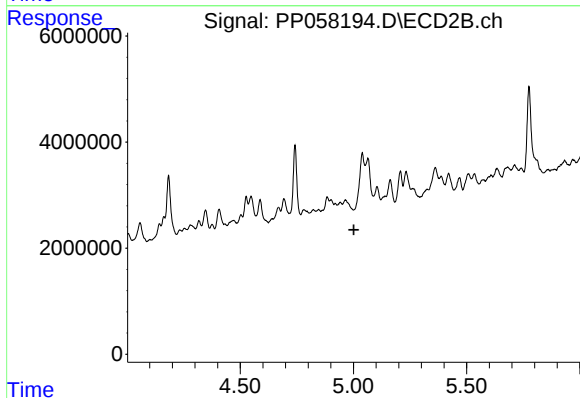
R.T.: 4.919 min
Delta R.T.: 0.002 min
Response: 1532240
Conc: 32.67 ng/ml



#19 AR-1242-4

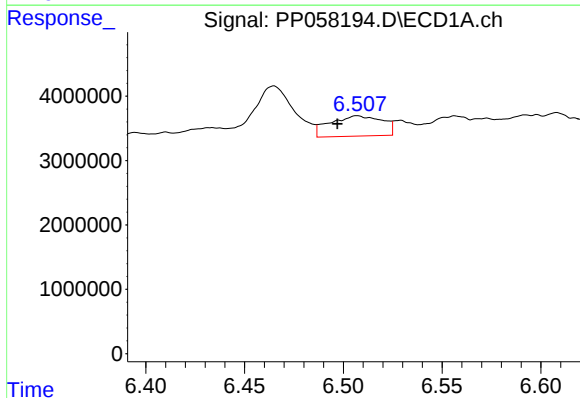
R.T.: 5.763 min
Delta R.T.: 0.010 min
Response: 2590925
Conc: 73.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



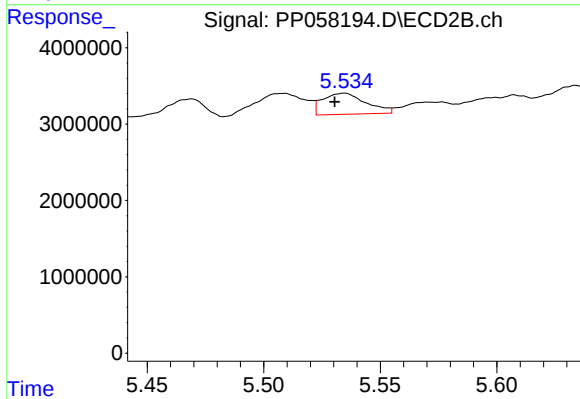
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.002 min
Response: 0
Conc: N.D.



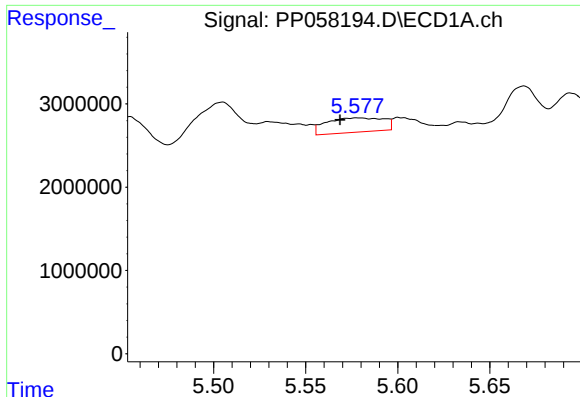
#20 AR-1242-5

R.T.: 6.507 min
Delta R.T.: 0.010 min
Response: 5808115
Conc: 179.26 ng/ml



#20 AR-1242-5

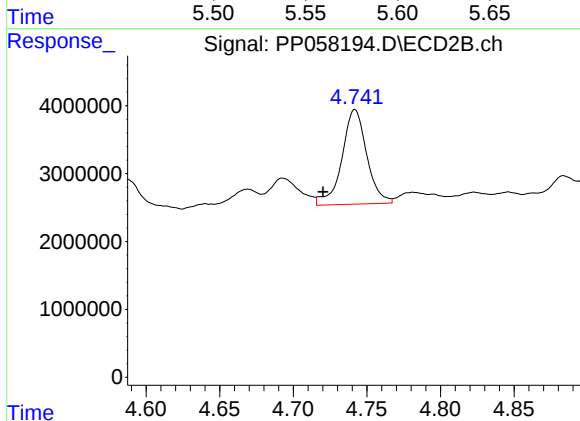
R.T.: 5.535 min
Delta R.T.: 0.004 min
Response: 3577674
Conc: 63.99 ng/ml



#21 AR-1248-1

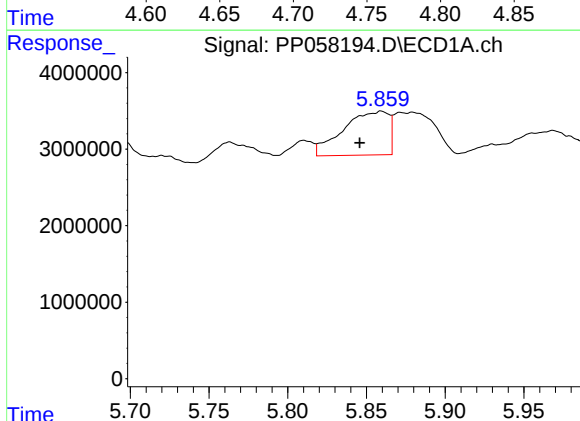
R.T.: 5.578 min
Delta R.T.: 0.010 min
Response: 3737784
Conc: 88.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



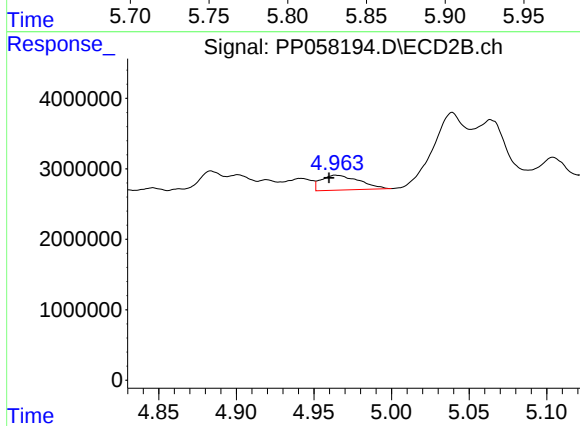
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: 0.022 min
Response: 16376083
Conc: 318.24 ng/ml



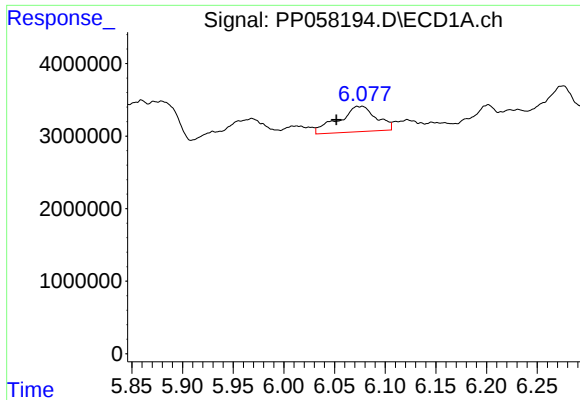
#22 AR-1248-2

R.T.: 5.859 min
Delta R.T.: 0.014 min
Response: 11581392
Conc: 177.63 ng/ml



#22 AR-1248-2

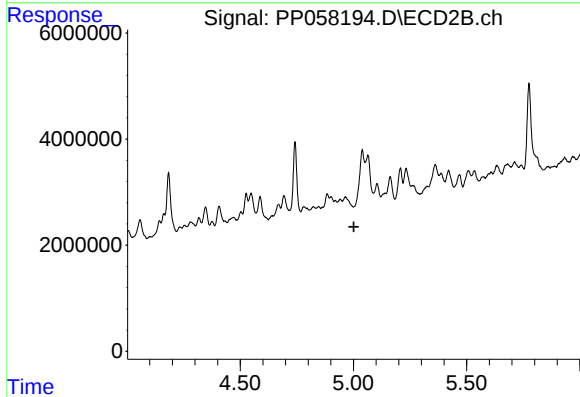
R.T.: 4.964 min
Delta R.T.: 0.005 min
Response: 3607687
Conc: 50.24 ng/ml



#23 AR-1248-3

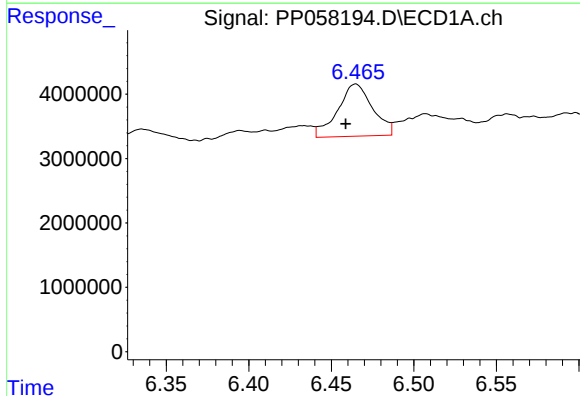
R.T.: 6.077 min
Delta R.T.: 0.025 min
Response: 9041091
Conc: 130.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



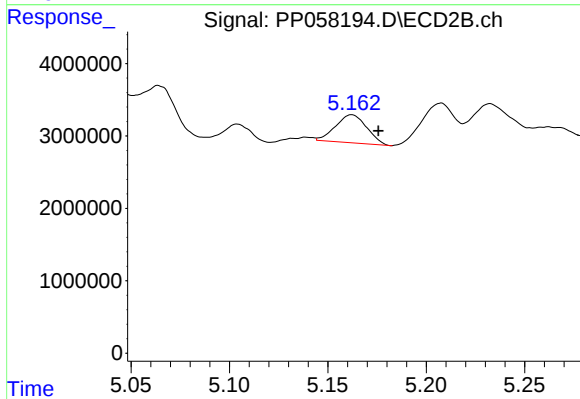
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.002 min
Response: 0
Conc: N.D.



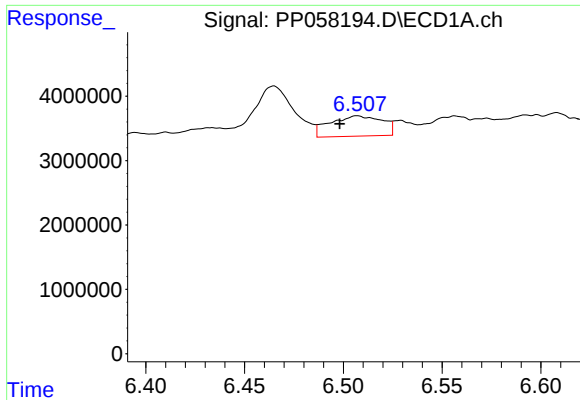
#24 AR-1248-4

R.T.: 6.465 min
Delta R.T.: 0.006 min
Response: 11941872
Conc: 186.85 ng/ml



#24 AR-1248-4

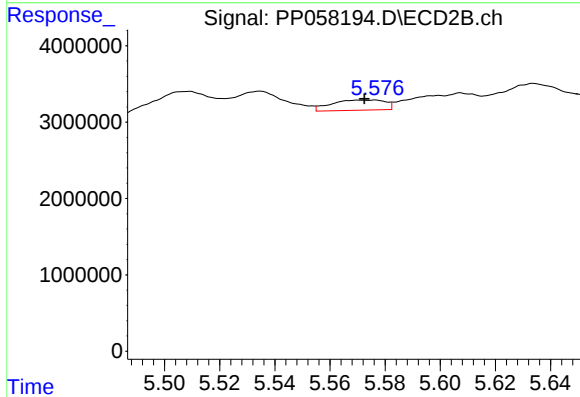
R.T.: 5.162 min
Delta R.T.: -0.013 min
Response: 4288716
Conc: 48.08 ng/ml



#25 AR-1248-5

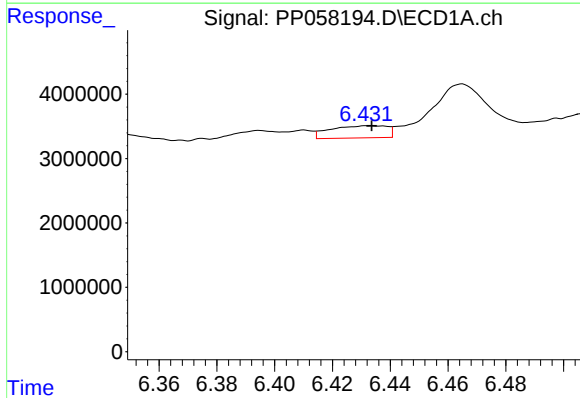
R.T.: 6.507 min
Delta R.T.: 0.009 min
Response: 5808115
Conc: 90.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



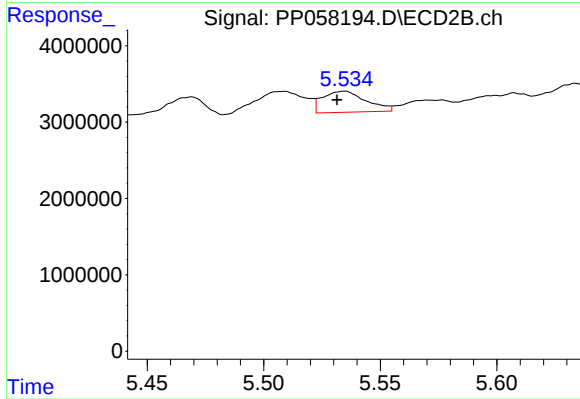
#25 AR-1248-5

R.T.: 5.576 min
Delta R.T.: 0.004 min
Response: 1816207
Conc: 21.84 ng/ml



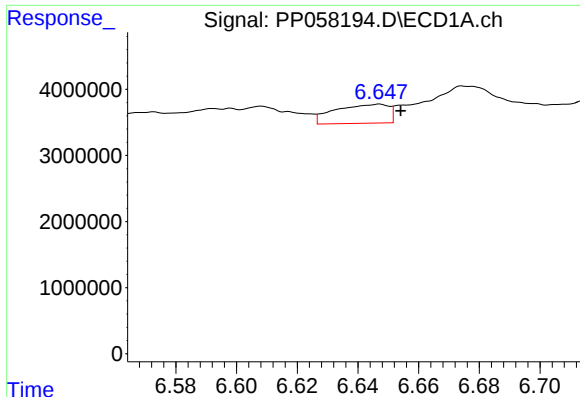
#26 AR-1254-1

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 2599787
Conc: 38.73 ng/ml



#26 AR-1254-1

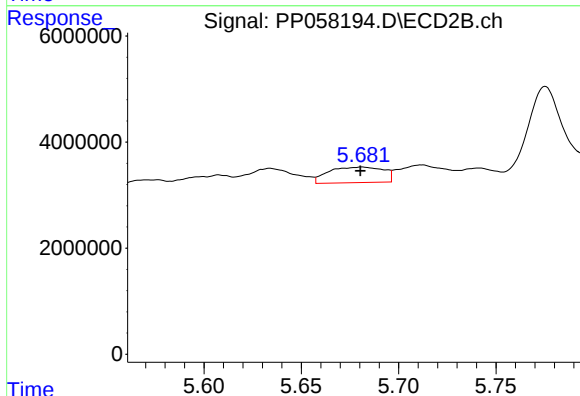
R.T.: 5.535 min
Delta R.T.: 0.003 min
Response: 3577674
Conc: 32.04 ng/ml



#27 AR-1254-2

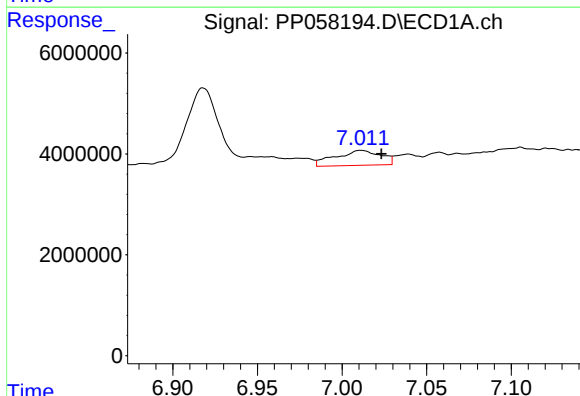
R.T.: 6.647 min
Delta R.T.: -0.007 min
Response: 3535103
Conc: 37.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



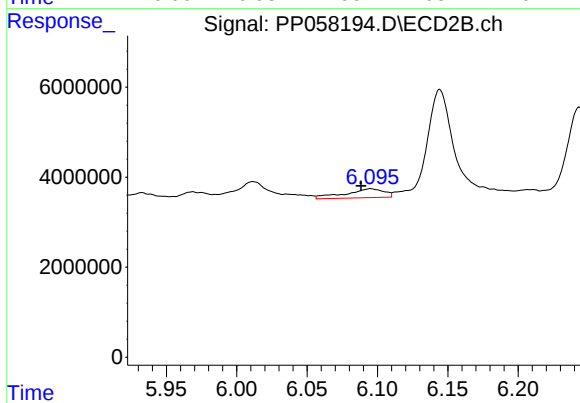
#27 AR-1254-2

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 5741636
Conc: 57.53 ng/ml



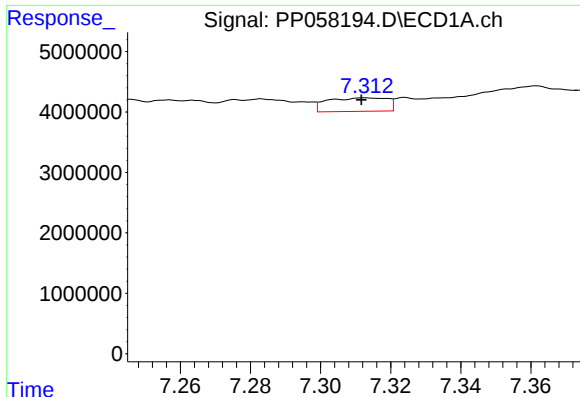
#28 AR-1254-3

R.T.: 7.011 min
Delta R.T.: -0.012 min
Response: 5511036
Conc: 60.50 ng/ml



#28 AR-1254-3

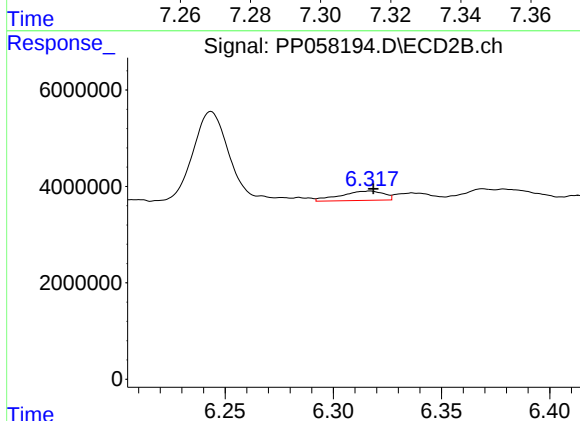
R.T.: 6.095 min
Delta R.T.: 0.007 min
Response: 3763466
Conc: 24.05 ng/ml



#29 AR-1254-4

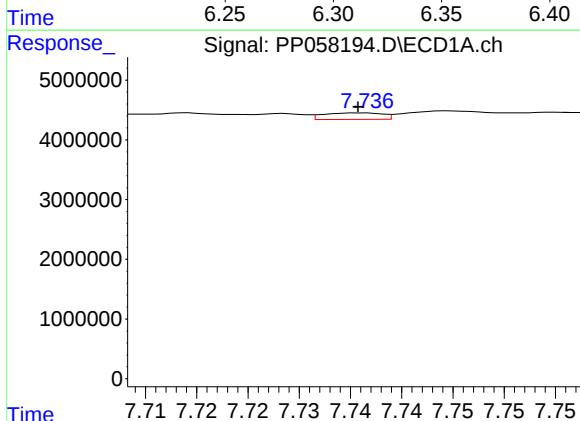
R.T.: 7.313 min
Delta R.T.: 0.001 min
Response: 2651782
Conc: 44.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



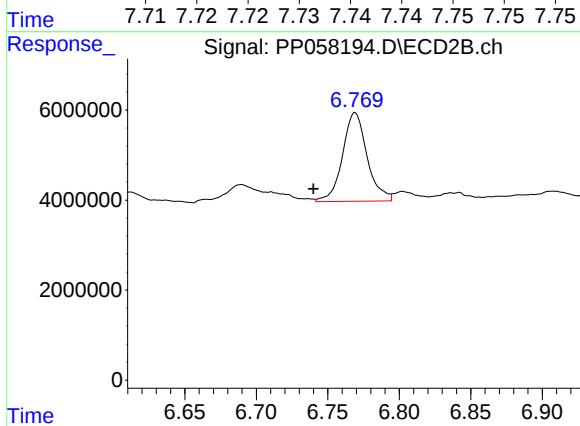
#29 AR-1254-4

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 2674518
Conc: 28.99 ng/ml



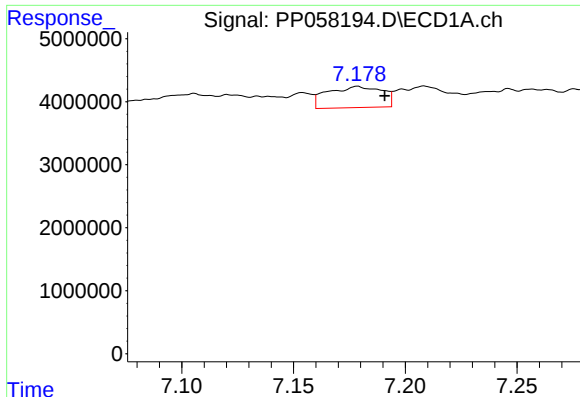
#30 AR-1254-5

R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 429021
Conc: 6.25 ng/ml



#30 AR-1254-5

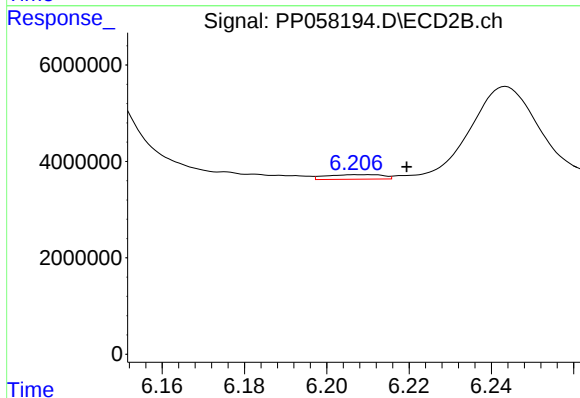
R.T.: 6.769 min
Delta R.T.: 0.029 min
Response: 23650838
Conc: 163.38 ng/ml



#31 AR-1260-1

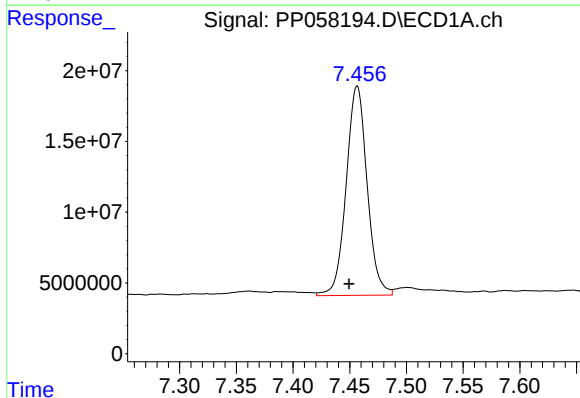
R.T.: 7.179 min
Delta R.T.: -0.012 min
Response: 5724647
Conc: 72.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



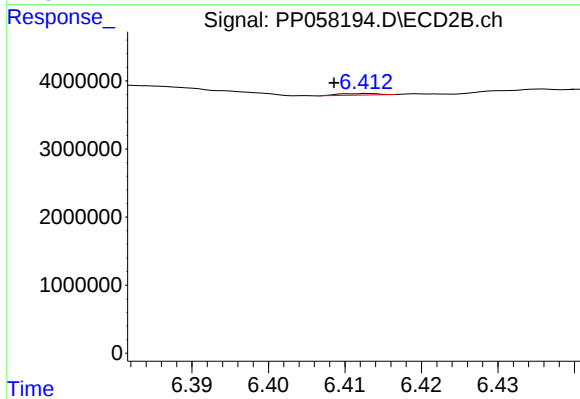
#31 AR-1260-1

R.T.: 6.210 min
Delta R.T.: -0.010 min
Response: 901153
Conc: 8.20 ng/ml



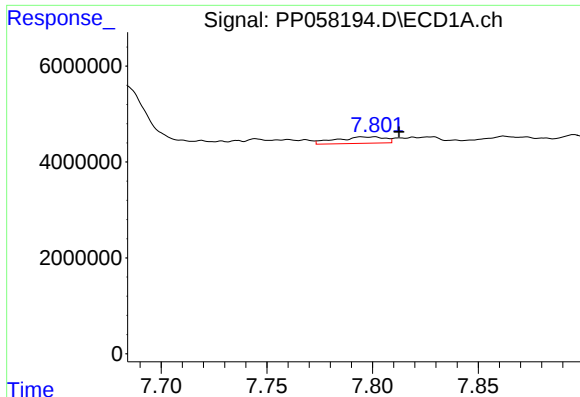
#32 AR-1260-2

R.T.: 7.457 min
Delta R.T.: 0.007 min
Response: 190297486
Conc: 2375.21 ng/ml



#32 AR-1260-2

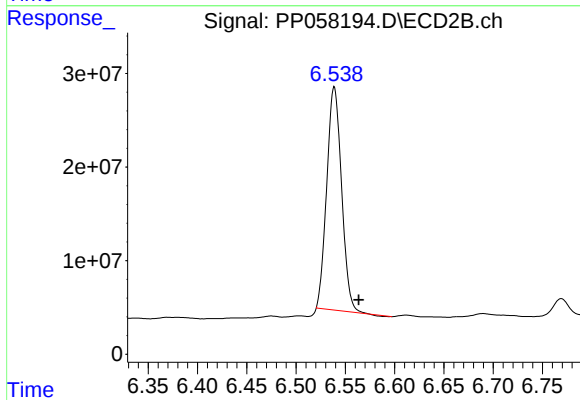
R.T.: 6.413 min
Delta R.T.: 0.004 min
Response: 79776
Conc: 0.63 ng/ml



#33 AR-1260-3

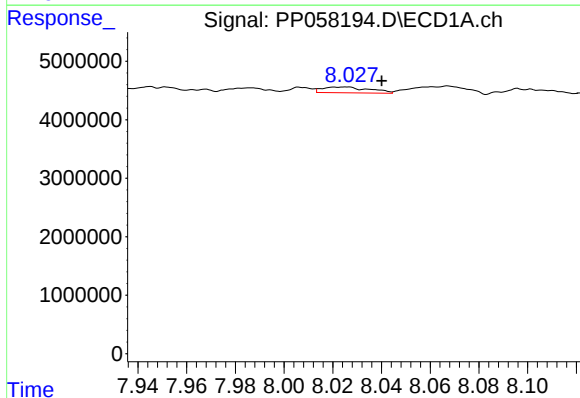
R.T.: 7.801 min
Delta R.T.: -0.012 min
Response: 2188113
Conc: 38.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



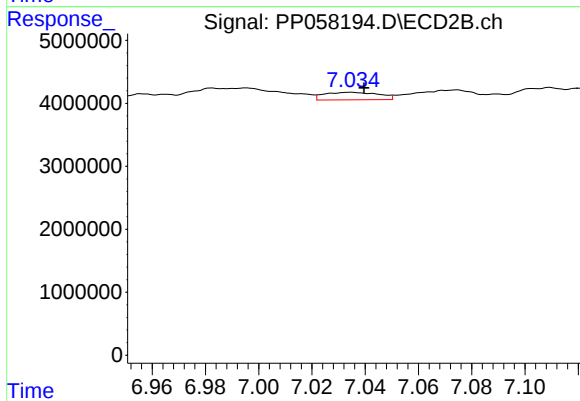
#33 AR-1260-3

R.T.: 6.539 min
Delta R.T.: -0.025 min
Response: 249357812
Conc: 2033.56 ng/ml



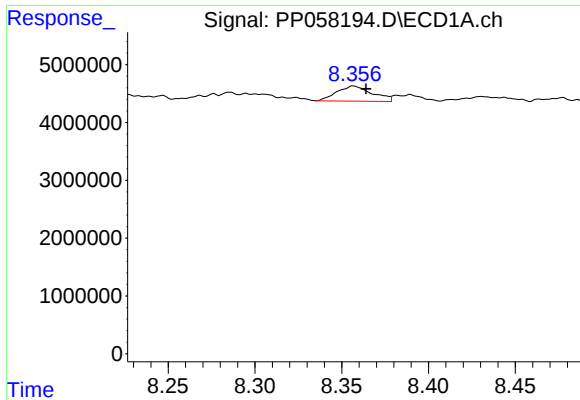
#34 AR-1260-4

R.T.: 8.025 min
Delta R.T.: -0.015 min
Response: 1348926
Conc: 20.30 ng/ml



#34 AR-1260-4

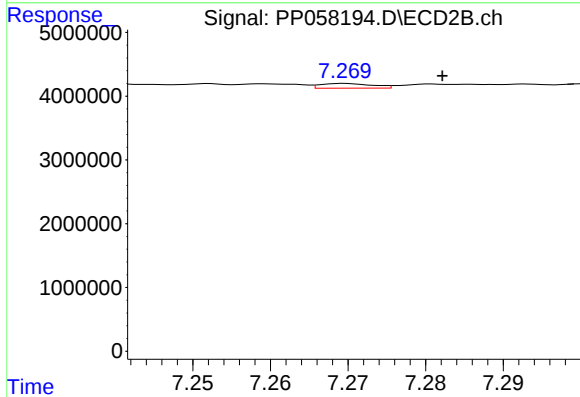
R.T.: 7.035 min
Delta R.T.: -0.005 min
Response: 1701299
Conc: 19.47 ng/ml



#35 AR-1260-5

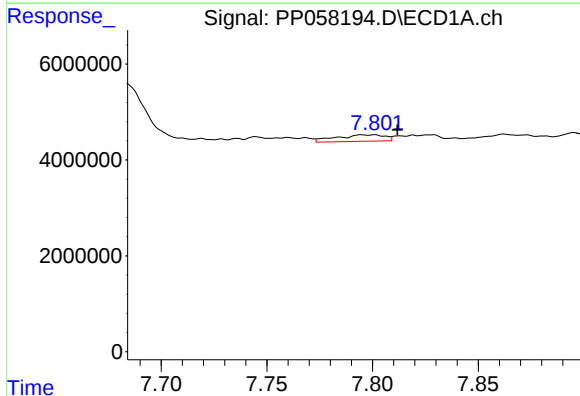
R.T.: 8.357 min
Delta R.T.: -0.007 min
Response: 3747008
Conc: 34.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



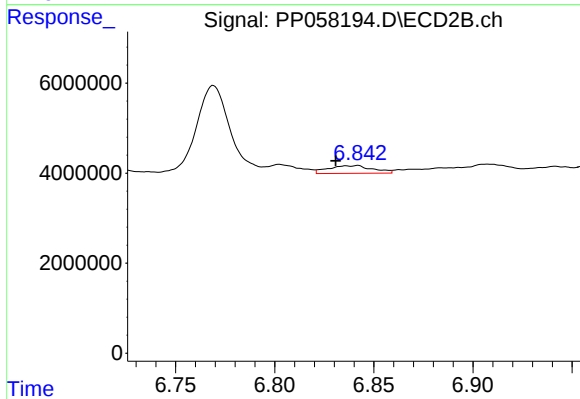
#35 AR-1260-5

R.T.: 7.270 min
Delta R.T.: -0.013 min
Response: 344302
Conc: 1.86 ng/ml



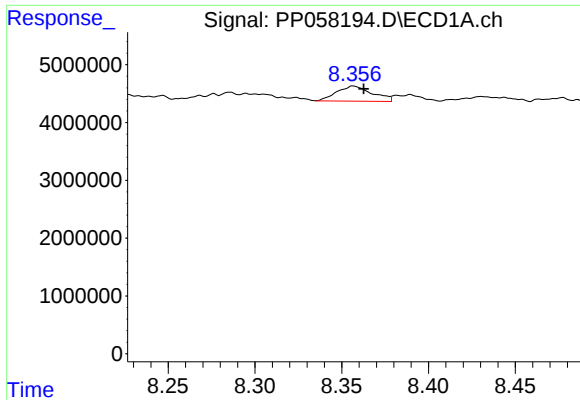
#36 AR-1262-1

R.T.: 7.801 min
Delta R.T.: -0.011 min
Response: 2188113
Conc: 25.41 ng/ml



#36 AR-1262-1

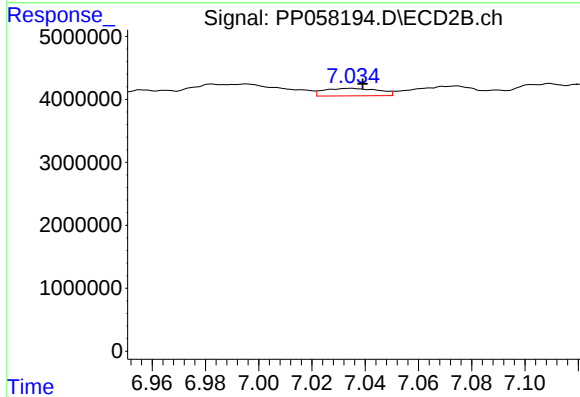
R.T.: 6.842 min
Delta R.T.: 0.011 min
Response: 2662959
Conc: 41.91 ng/ml



#37 AR-1262-2

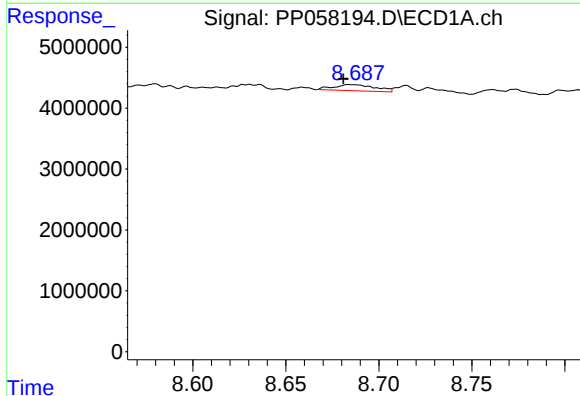
R.T.: 8.357 min
Delta R.T.: -0.006 min
Response: 3747008
Conc: 30.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



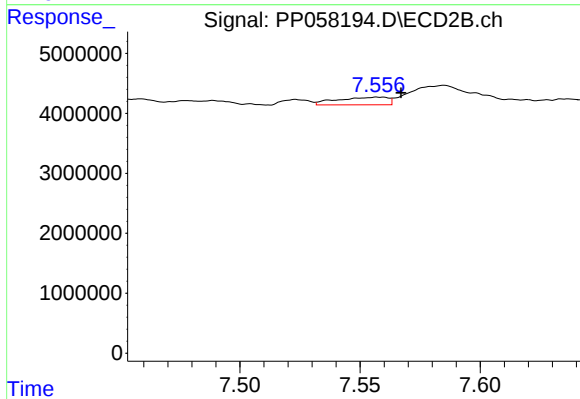
#37 AR-1262-2

R.T.: 7.035 min
Delta R.T.: -0.005 min
Response: 1701299
Conc: 13.72 ng/ml



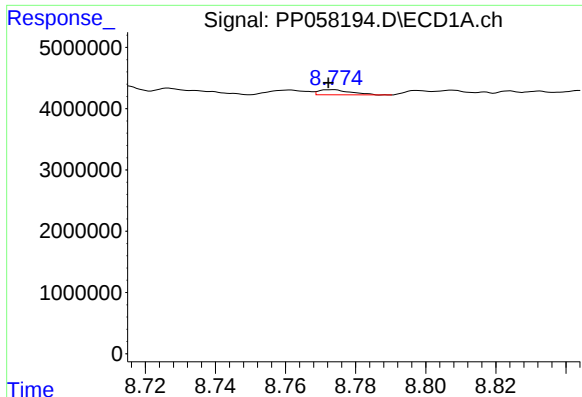
#38 AR-1262-3

R.T.: 8.685 min
Delta R.T.: 0.004 min
Response: 1545344
Conc: 17.77 ng/ml



#38 AR-1262-3

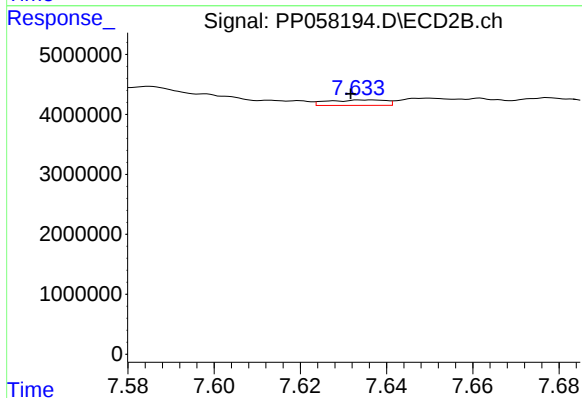
R.T.: 7.558 min
Delta R.T.: -0.009 min
Response: 1868634
Conc: 19.91 ng/ml



#39 AR-1262-4

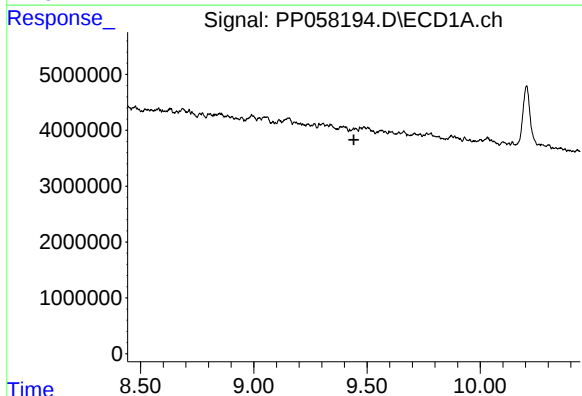
R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 525456
Conc: 7.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



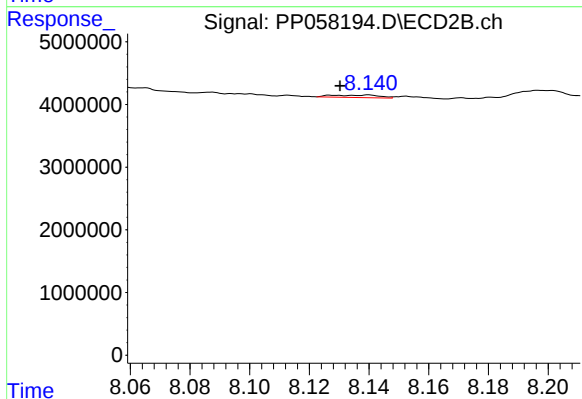
#39 AR-1262-4

R.T.: 7.636 min
Delta R.T.: 0.004 min
Response: 843025
Conc: 4.95 ng/ml



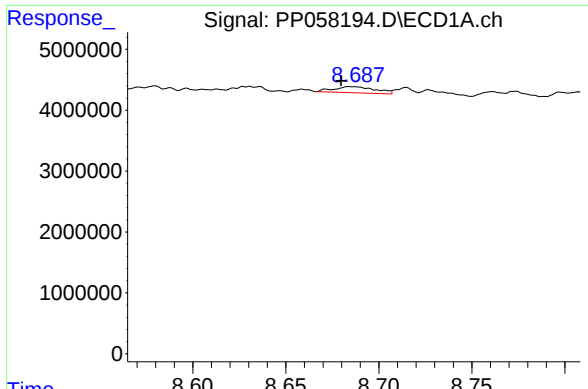
#40 AR-1262-5

R.T.: 9.441 min
Delta R.T.: -0.002 min
Response: -10059
Conc: N.D.



#40 AR-1262-5

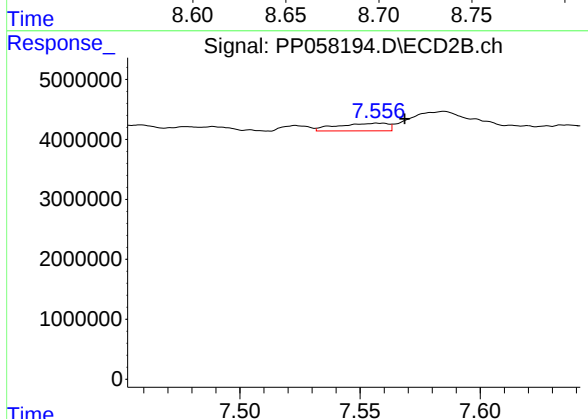
R.T.: 8.140 min
Delta R.T.: 0.010 min
Response: 416496
Conc: 5.66 ng/ml



#41 AR-1268-1

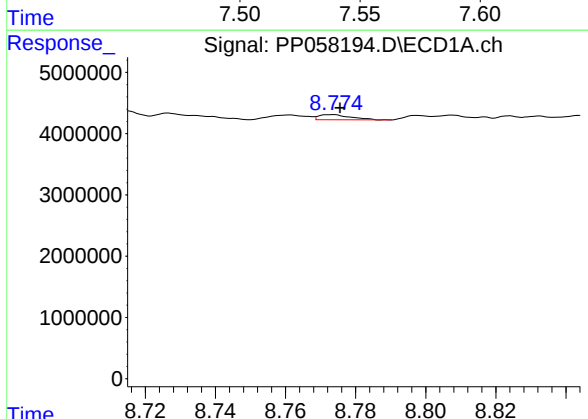
R.T.: 8.685 min
Delta R.T.: 0.005 min
Response: 1545344
Conc: 9.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



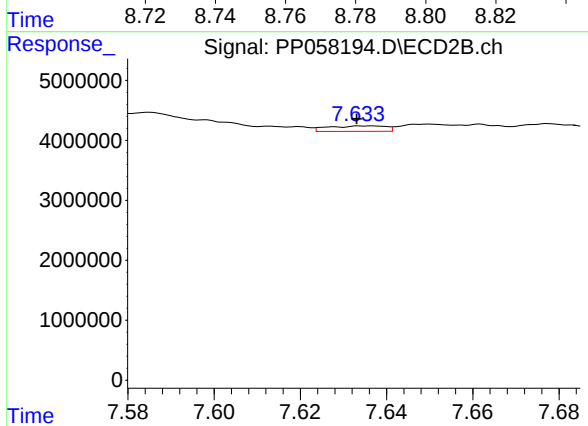
#41 AR-1268-1

R.T.: 7.558 min
Delta R.T.: -0.010 min
Response: 1868634
Conc: 7.10 ng/ml



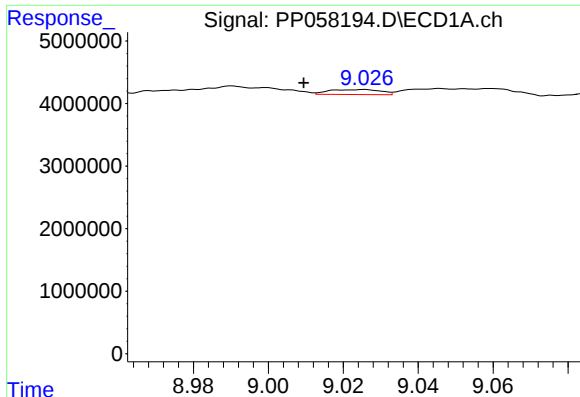
#42 AR-1268-2

R.T.: 8.773 min
Delta R.T.: -0.002 min
Response: 525456
Conc: 4.03 ng/ml



#42 AR-1268-2

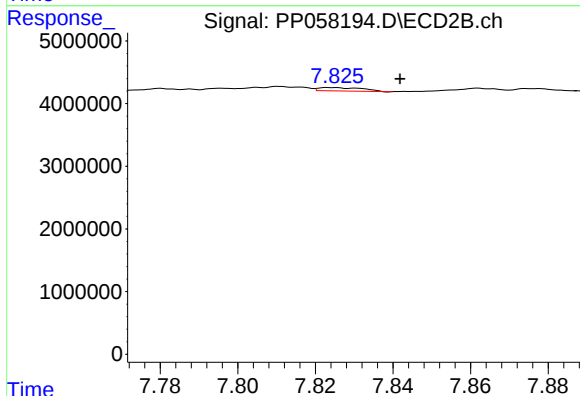
R.T.: 7.636 min
Delta R.T.: 0.003 min
Response: 843025
Conc: 3.44 ng/ml



#43 AR-1268-3

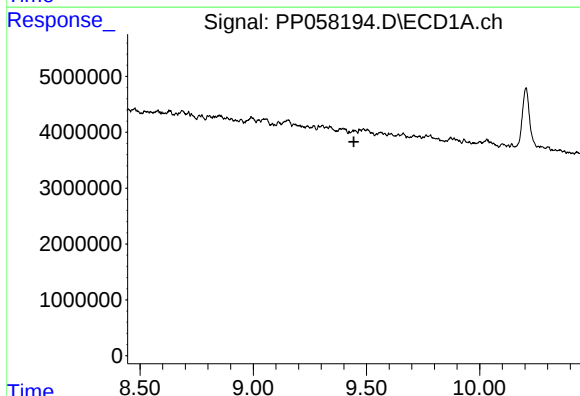
R.T.: 9.025 min
Delta R.T.: 0.016 min
Response: 769810
Conc: 5.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



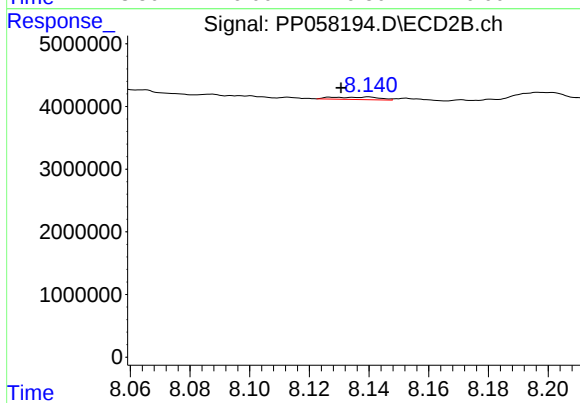
#43 AR-1268-3

R.T.: 7.824 min
Delta R.T.: -0.018 min
Response: 422215
Conc: 2.08 ng/ml



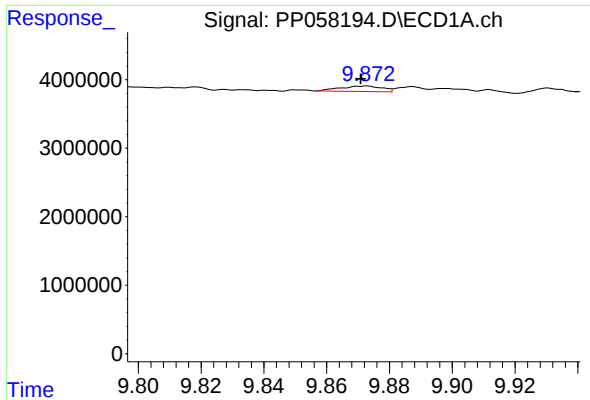
#44 AR-1268-4

R.T.: 9.441 min
Delta R.T.: -0.004 min
Response: -10059
Conc: N.D.



#44 AR-1268-4

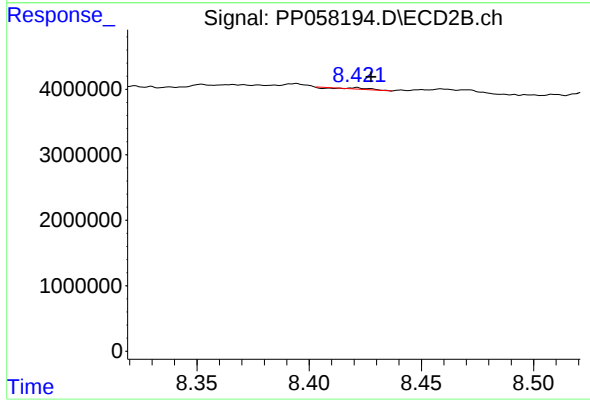
R.T.: 8.140 min
Delta R.T.: 0.009 min
Response: 416496
Conc: 5.03 ng/ml



#45 AR-1268-5

R.T.: 9.872 min
Delta R.T.: 0.001 min
Response: 735762
Conc: 2.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.421 min
Delta R.T.: -0.007 min
Response: 158526
Conc: 0.31 ng/ml