

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
 Data File : PP055971.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 02:44
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 07:56:41 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...	4.322	3.565	84901117	65568076	52.693	44.904
2)	SA Decachlor...	10.063	8.564	95346898	54832924	46.740	48.332
Target Compounds							
3)	L1 AR-1016-1	5.490	4.646	905250	632852	15.170	14.054
4)	L1 AR-1016-2	5.515	4.665	1160744	521914	13.267	8.036 #
5)	L1 AR-1016-3	5.577	4.842	502557	376819	9.047	10.843
6)	L1 AR-1016-4	5.675	4.883	483079	14888889	10.841	498.110 #
7)	L1 AR-1016-5	5.970	5.095	13055965	9129707	270.396	230.936
8)	L2 AR-1221-1	4.534	3.774	66119	79362	3.177	4.418 #
9)	L2 AR-1221-2	4.628	3.863	1205935	867649	75.813	66.065
10)	L2 AR-1221-3	4.694	3.938	403914	243795	8.326	5.841 #
11)	L3 AR-1232-1	4.694	3.938	403914	243795	10.197	7.082 #
12)	L3 AR-1232-2	5.225	4.665	414913	521914	19.975	17.782
13)	L3 AR-1232-3	5.515	4.842	1160744	376819	29.458	24.795
14)	L3 AR-1232-4	5.675	4.923	483079	4737972	24.660	312.539 #
15)	L3 AR-1232-5	5.766	5.095	21868175	9129707	1367.333	556.978 #
16)	L4 AR-1242-1	5.490	4.646	905250	632852	18.748	17.200
17)	L4 AR-1242-2	5.515	4.665	1160744	521914	16.335	9.909 #
18)	L4 AR-1242-3	5.577	4.842	502557	376819	11.264	13.310
19)	L4 AR-1242-4	5.675	4.923	483079	4737972	13.370	153.567 #
20)	L4 AR-1242-5	6.417	5.448	12225132	33287143	291.845	999.335 #
21)	L5 AR-1248-1	5.490	4.646	905250	632852	24.881	22.660
22)	L5 AR-1248-2	5.766	4.883	21868175	14888889	380.066	349.992
23)	L5 AR-1248-3	5.970	4.923	13055965	4737972	200.928	106.468 #
24)	L5 AR-1248-4	6.375	5.095	18737791	9129707	258.263	178.310 #
25)	L5 AR-1248-5	6.417	5.488	12225132	3837632	172.482	87.068 #
26)	L6 AR-1254-1	6.349	5.448	36868109	33287143	501.457	452.442
27)	L6 AR-1254-2	6.569	5.596	58414473	28645502	506.172	455.291
28)	L6 AR-1254-3	6.935	6.000	62914140	45442819	511.210	463.337
29)	L6 AR-1254-4	7.223	6.229	47687851	26140584	519.192	474.883
30)	L6 AR-1254-5	7.644	6.647	52972349	38419544	504.003	472.862
31)	L7 AR-1260-1	7.101	6.130	27617020	22703314	266.718	311.424
32)	L7 AR-1260-2	7.358	6.318	30573310	17820823	243.086	218.398
33)	L7 AR-1260-3	7.703f	6.471	7044106	18187680	80.204	215.222 #
34)	L7 AR-1260-4	7.932f	6.944	21190364	1920518	197.166	30.008 #
35)	L7 AR-1260-5	8.261	7.187	5412234	4513642	26.216	33.346 #
36)	L8 AR-1262-1	7.703f	6.737	7044106	1117510	59.705	31.704 #
37)	L8 AR-1262-2	8.261	6.944	5412234	1920518	24.660	25.864
38)	L8 AR-1262-3	8.585	7.472	5378193	166704	35.179	3.005 #
39)	L8 AR-1262-4	8.669	7.533	139396	4469432	1.852	44.027 #
40)	L8 AR-1262-5	9.321	8.032	299154	228028	3.628	5.014 #
41)	L9 AR-1268-1	8.585	7.472	5378193	166704	18.844	0.991 #

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Integration File signal 1: autoint1.e
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 Quant Time: Feb 25 07:56:41 2023
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 Response via : Initial Calibration
 Integrator: ChemStation

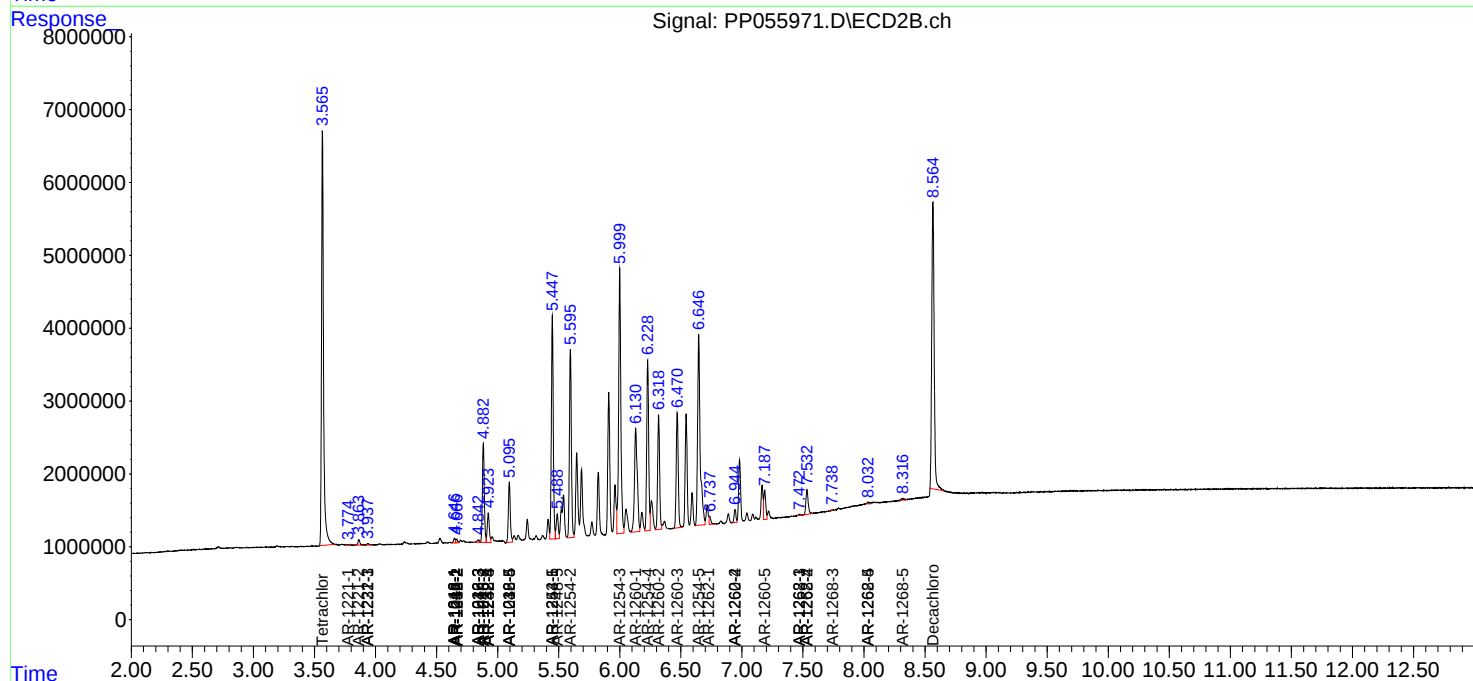
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

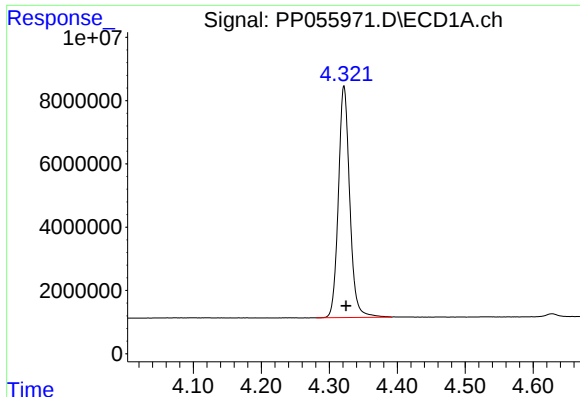
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.669	7.533	139396	4469432	0.523	29.220 #
43) L9	AR-1268-3	8.888	7.744	241416	56993	1.026	0.415 #
44) L9	AR-1268-4	9.321	8.032	299154	228028	3.030	4.145 #
45) L9	AR-1268-5	9.733	8.316	613008	305397	0.814	0.757

(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

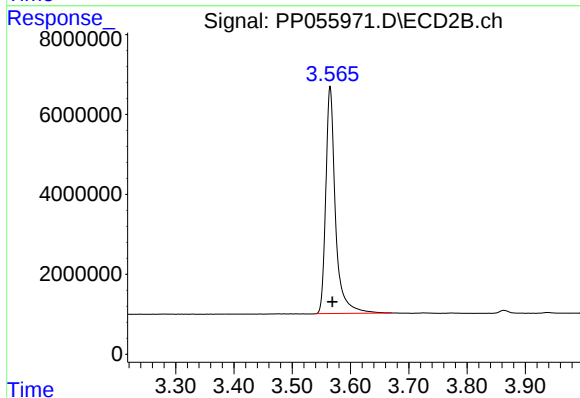




#1 Tetrachloro-m-xylene

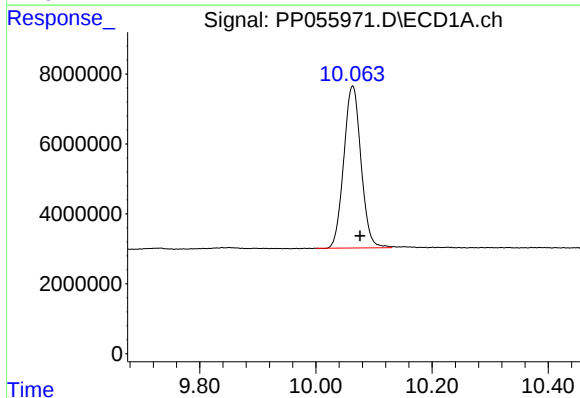
R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 84901117
Conc: 52.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



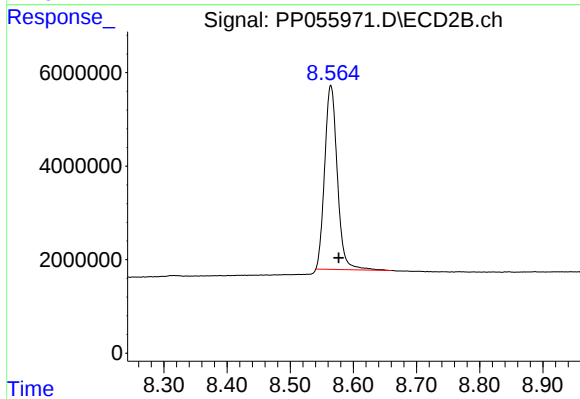
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: -0.004 min
Response: 65568076
Conc: 44.90 ng/ml



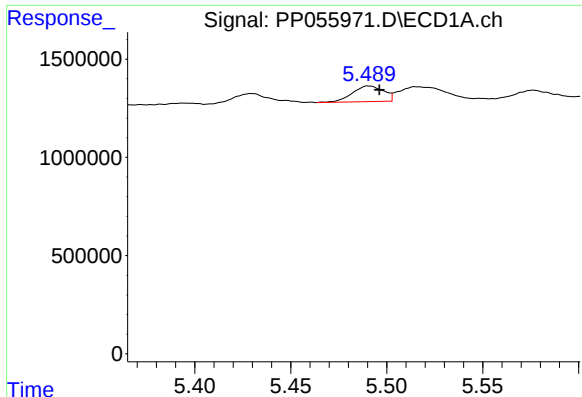
#2 Decachlorobiphenyl

R.T.: 10.063 min
Delta R.T.: -0.013 min
Response: 95346898
Conc: 46.74 ng/ml



#2 Decachlorobiphenyl

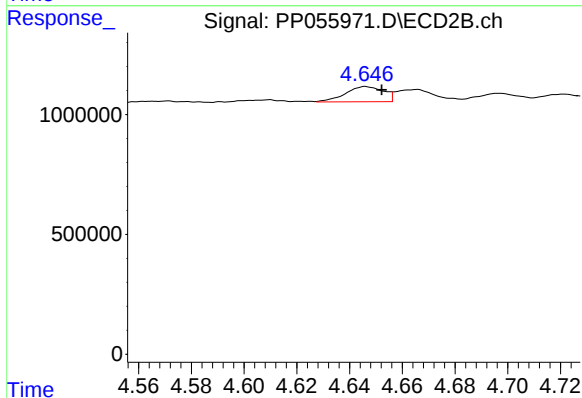
R.T.: 8.564 min
Delta R.T.: -0.012 min
Response: 54832924
Conc: 48.33 ng/ml



#3 AR-1016-1

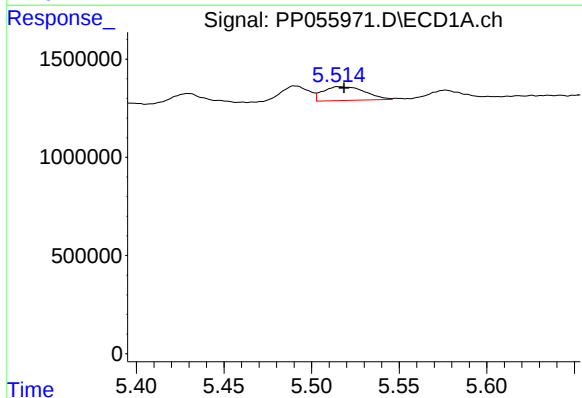
R.T.: 5.490 min
Delta R.T.: -0.006 min
Response: 905250
Conc: 15.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



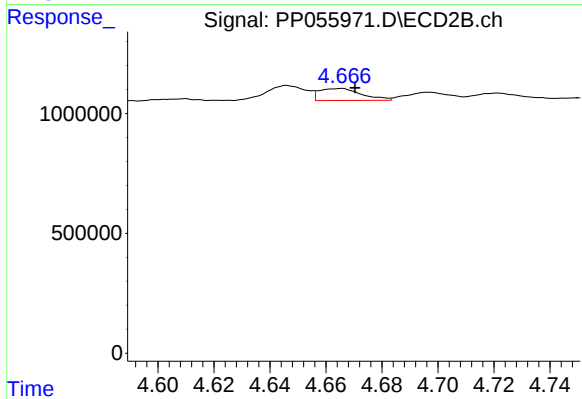
#3 AR-1016-1

R.T.: 4.646 min
Delta R.T.: -0.006 min
Response: 632852
Conc: 14.05 ng/ml



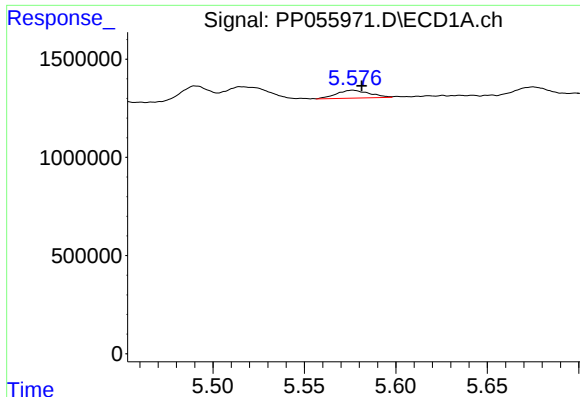
#4 AR-1016-2

R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 1160744
Conc: 13.27 ng/ml



#4 AR-1016-2

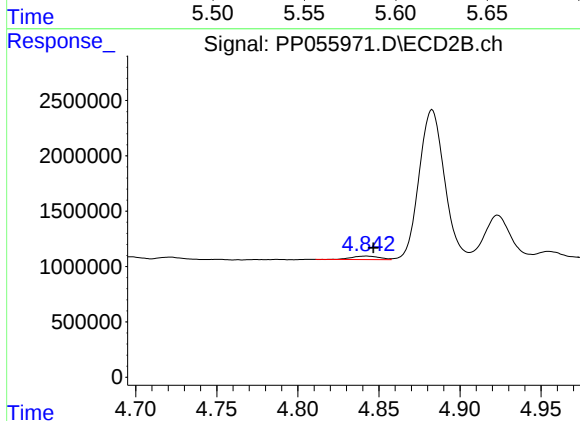
R.T.: 4.665 min
Delta R.T.: -0.005 min
Response: 521914
Conc: 8.04 ng/ml



#5 AR-1016-3

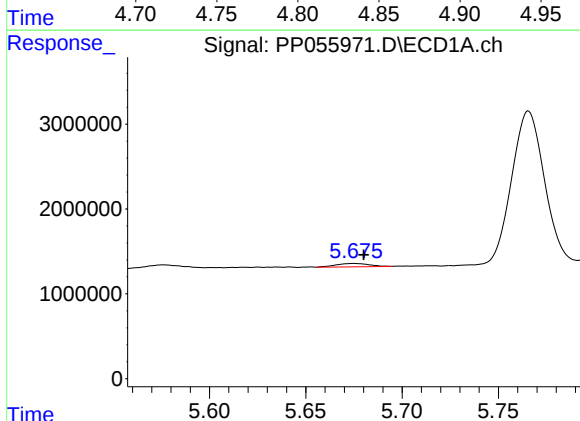
R.T.: 5.577 min
Delta R.T.: -0.005 min
Response: 502557
Conc: 9.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



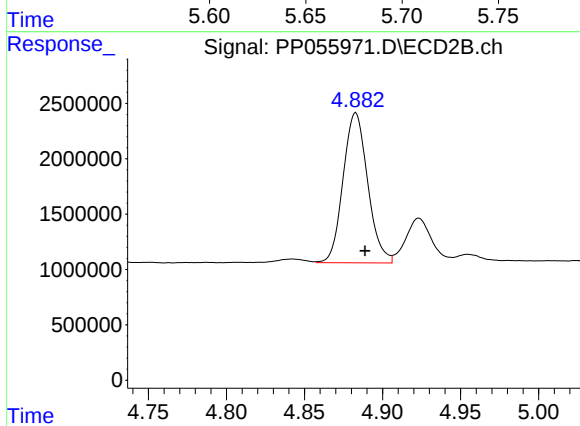
#5 AR-1016-3

R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 376819
Conc: 10.84 ng/ml



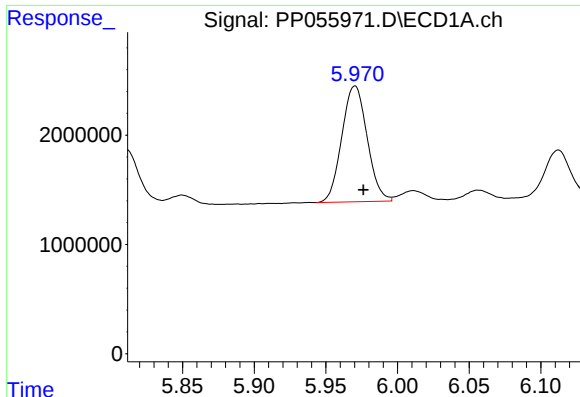
#6 AR-1016-4

R.T.: 5.675 min
Delta R.T.: -0.005 min
Response: 483079
Conc: 10.84 ng/ml



#6 AR-1016-4

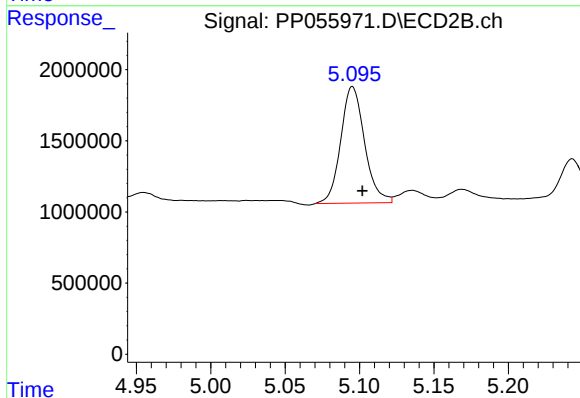
R.T.: 4.883 min
Delta R.T.: -0.006 min
Response: 14888889
Conc: 498.11 ng/ml



#7 AR-1016-5

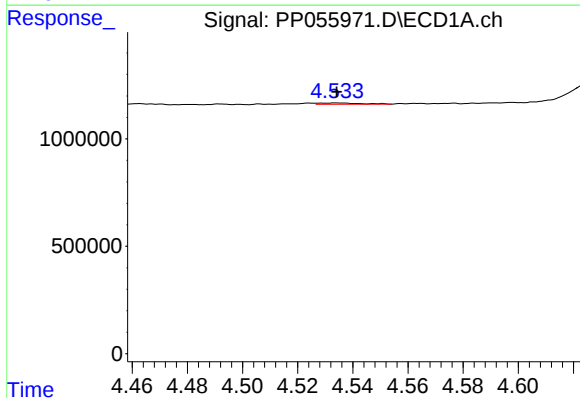
R.T.: 5.970 min
Delta R.T.: -0.006 min
Response: 13055965
Conc: 270.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



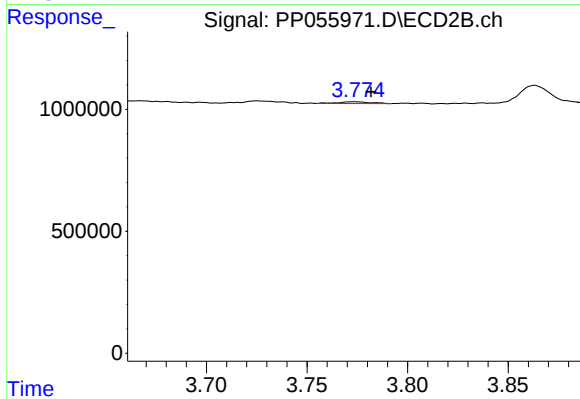
#7 AR-1016-5

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 9129707
Conc: 230.94 ng/ml



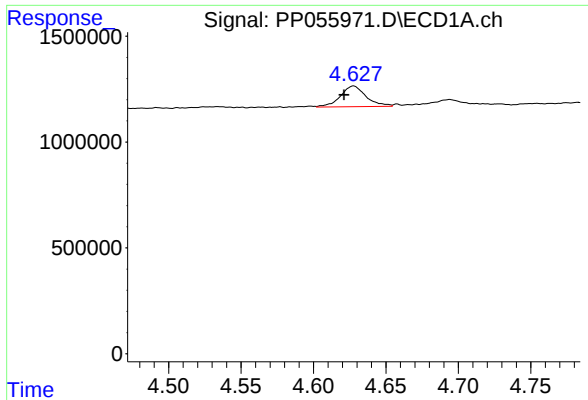
#8 AR-1221-1

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 66119
Conc: 3.18 ng/ml



#8 AR-1221-1

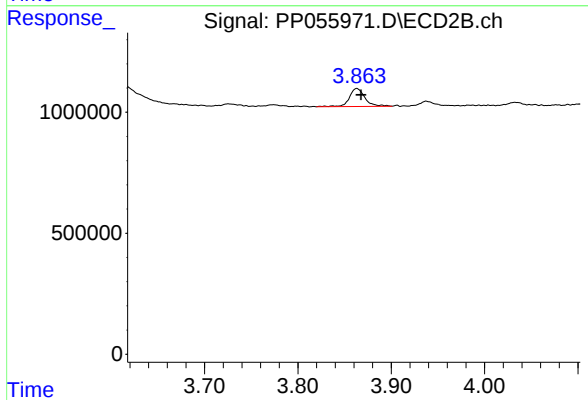
R.T.: 3.774 min
Delta R.T.: -0.008 min
Response: 79362
Conc: 4.42 ng/ml



#9 AR-1221-2

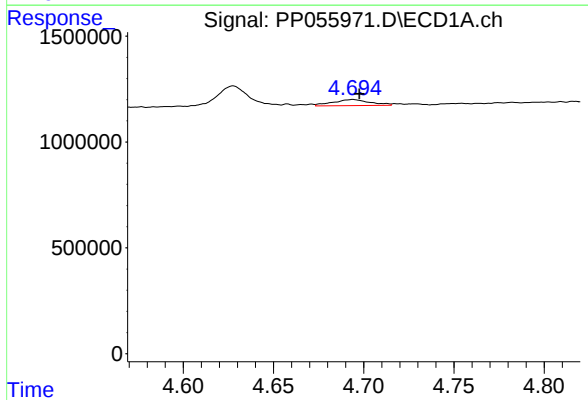
R.T.: 4.628 min
Delta R.T.: 0.007 min
Response: 1205935
Conc: 75.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



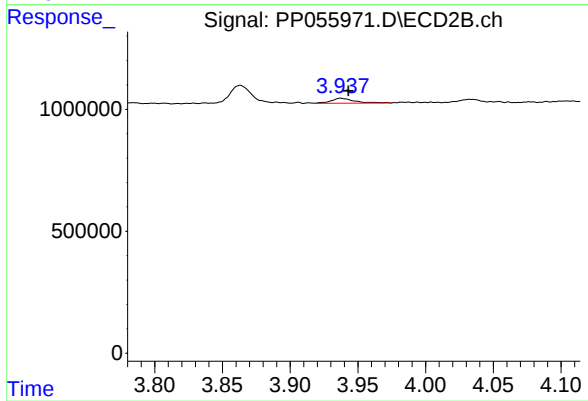
#9 AR-1221-2

R.T.: 3.863 min
Delta R.T.: -0.005 min
Response: 867649
Conc: 66.06 ng/ml



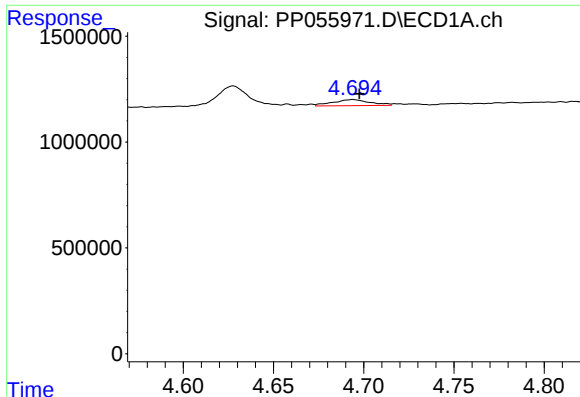
#10 AR-1221-3

R.T.: 4.694 min
Delta R.T.: -0.003 min
Response: 403914
Conc: 8.33 ng/ml



#10 AR-1221-3

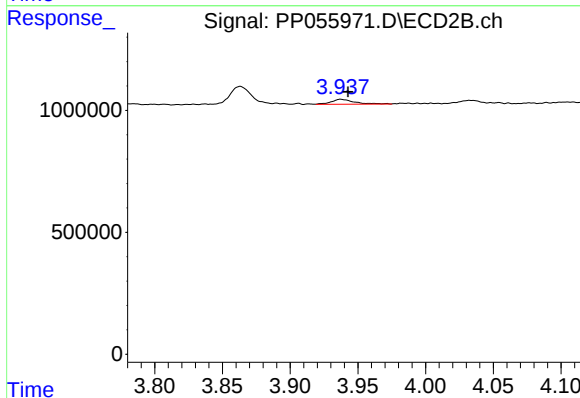
R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 243795
Conc: 5.84 ng/ml



#11 AR-1232-1

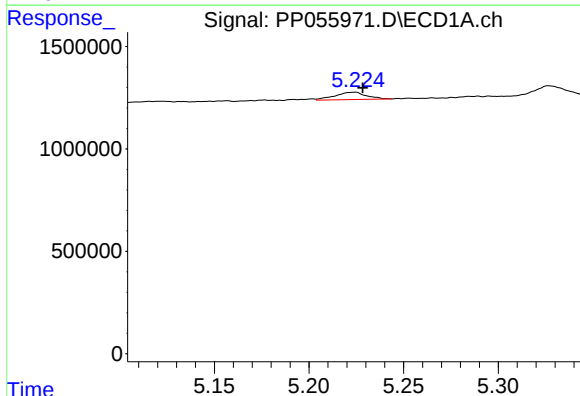
R.T.: 4.694 min
Delta R.T.: -0.004 min
Response: 403914
Conc: 10.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



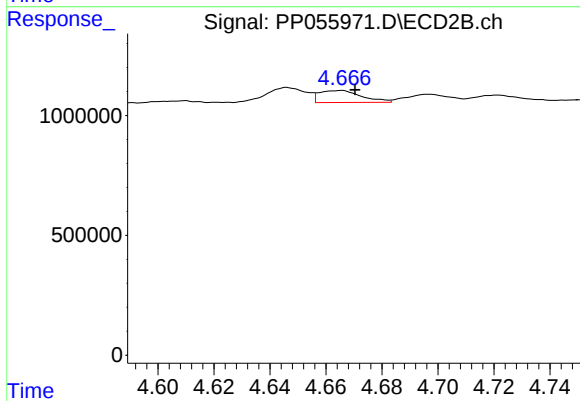
#11 AR-1232-1

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 243795
Conc: 7.08 ng/ml



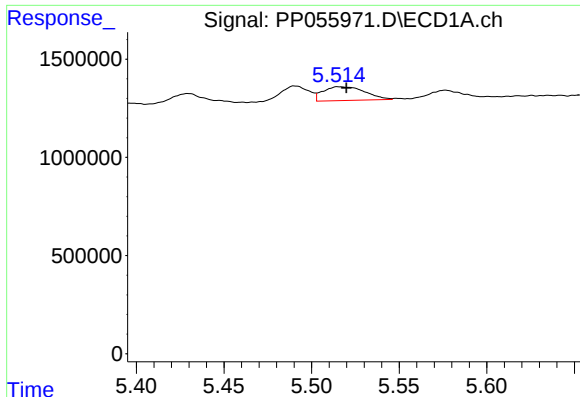
#12 AR-1232-2

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 414913
Conc: 19.98 ng/ml



#12 AR-1232-2

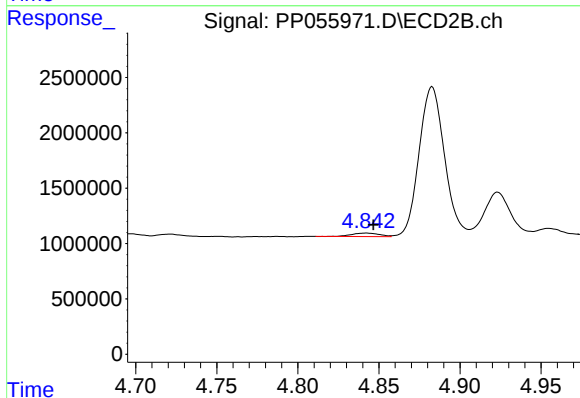
R.T.: 4.665 min
Delta R.T.: -0.005 min
Response: 521914
Conc: 17.78 ng/ml



#13 AR-1232-3

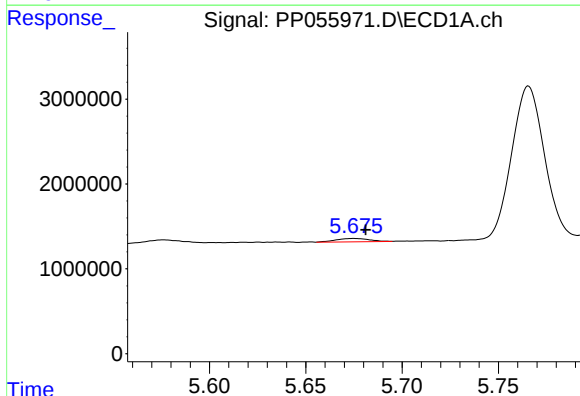
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 1160744
Conc: 29.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



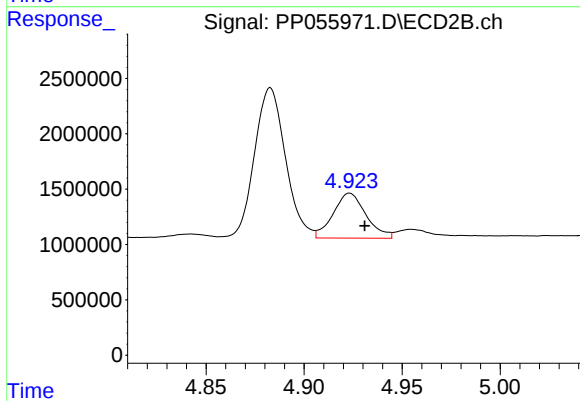
#13 AR-1232-3

R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 376819
Conc: 24.80 ng/ml



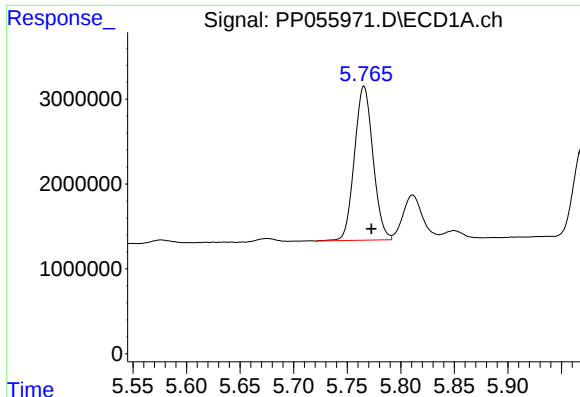
#14 AR-1232-4

R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 483079
Conc: 24.66 ng/ml



#14 AR-1232-4

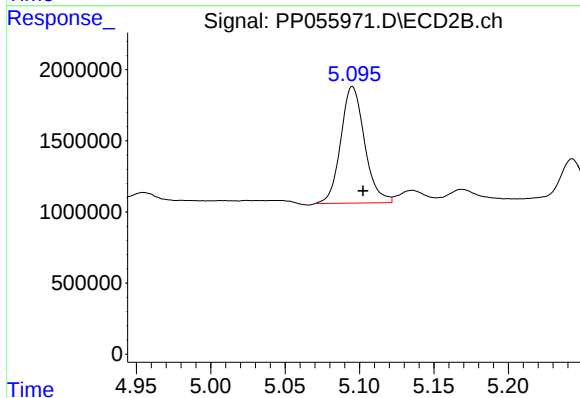
R.T.: 4.923 min
Delta R.T.: -0.008 min
Response: 4737972
Conc: 312.54 ng/ml



#15 AR-1232-5

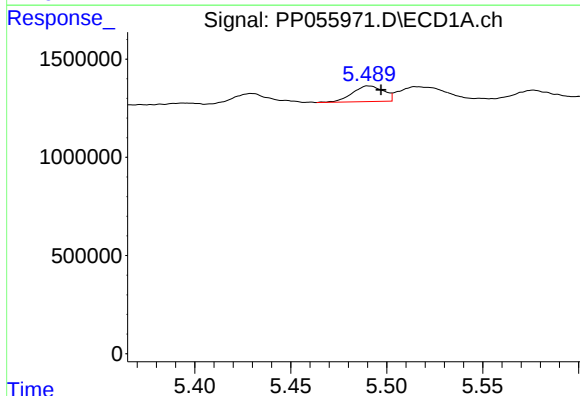
R.T.: 5.766 min
Delta R.T.: -0.007 min
Response: 21868175
Conc: 1367.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



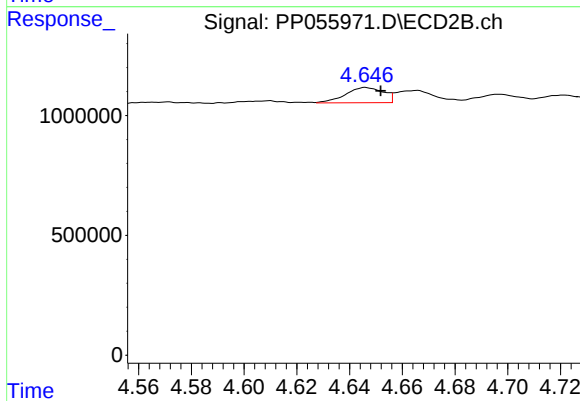
#15 AR-1232-5

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 9129707
Conc: 556.98 ng/ml



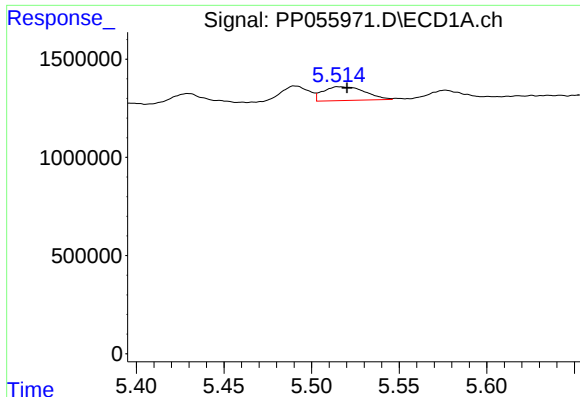
#16 AR-1242-1

R.T.: 5.490 min
Delta R.T.: -0.007 min
Response: 905250
Conc: 18.75 ng/ml



#16 AR-1242-1

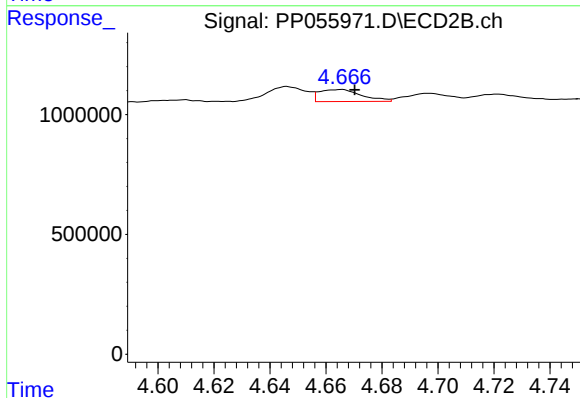
R.T.: 4.646 min
Delta R.T.: -0.006 min
Response: 632852
Conc: 17.20 ng/ml



#17 AR-1242-2

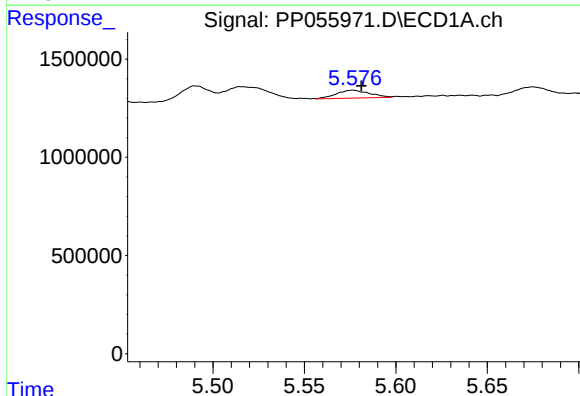
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 1160744
Conc: 16.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



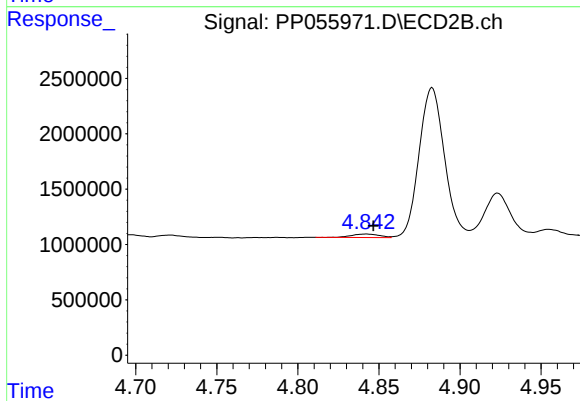
#17 AR-1242-2

R.T.: 4.665 min
Delta R.T.: -0.005 min
Response: 521914
Conc: 9.91 ng/ml



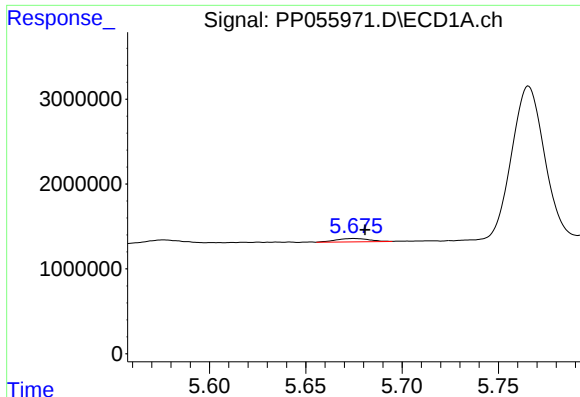
#18 AR-1242-3

R.T.: 5.577 min
Delta R.T.: -0.005 min
Response: 502557
Conc: 11.26 ng/ml



#18 AR-1242-3

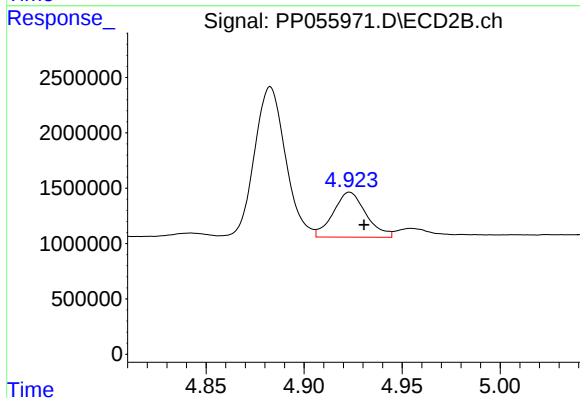
R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 376819
Conc: 13.31 ng/ml



#19 AR-1242-4

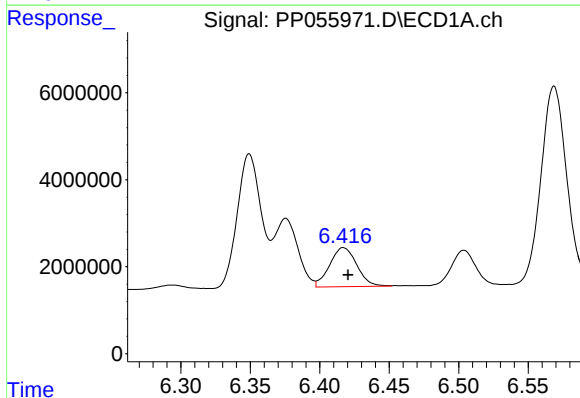
R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 483079
Conc: 13.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



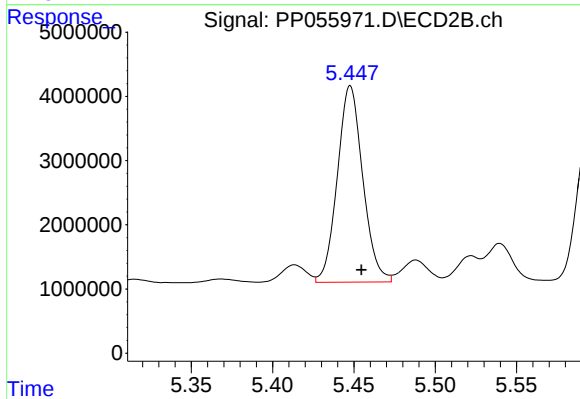
#19 AR-1242-4

R.T.: 4.923 min
Delta R.T.: -0.007 min
Response: 4737972
Conc: 153.57 ng/ml



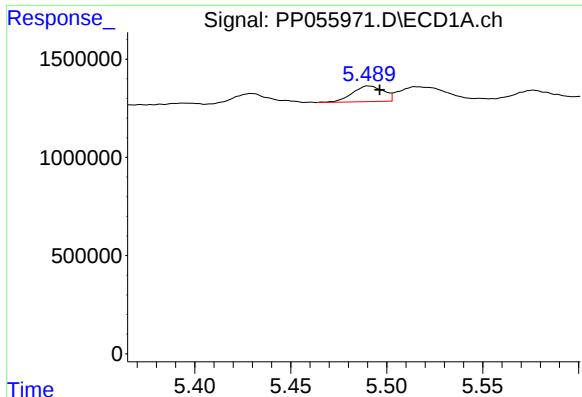
#20 AR-1242-5

R.T.: 6.417 min
Delta R.T.: -0.004 min
Response: 12225132
Conc: 291.84 ng/ml



#20 AR-1242-5

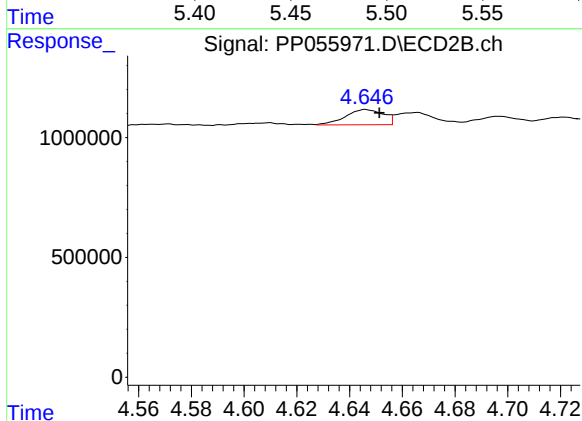
R.T.: 5.448 min
Delta R.T.: -0.007 min
Response: 33287143
Conc: 999.33 ng/ml



#21 AR-1248-1

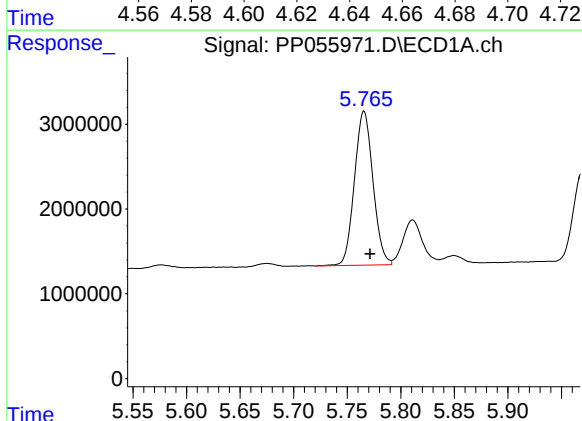
R.T.: 5.490 min
Delta R.T.: -0.006 min
Response: 905250
Conc: 24.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



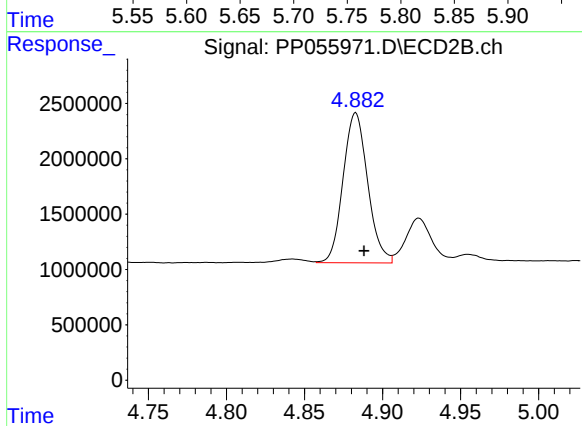
#21 AR-1248-1

R.T.: 4.646 min
Delta R.T.: -0.005 min
Response: 632852
Conc: 22.66 ng/ml



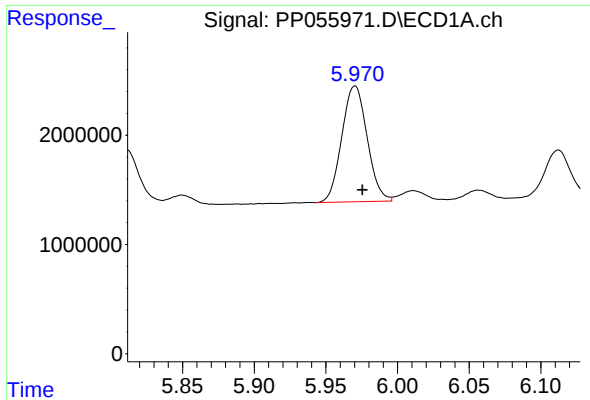
#22 AR-1248-2

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 21868175
Conc: 380.07 ng/ml



#22 AR-1248-2

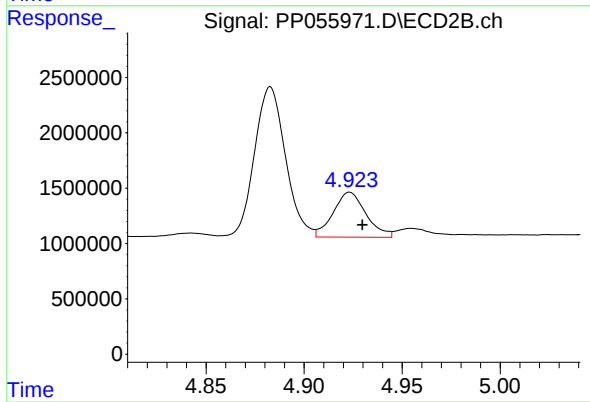
R.T.: 4.883 min
Delta R.T.: -0.005 min
Response: 14888889
Conc: 349.99 ng/ml



#23 AR-1248-3

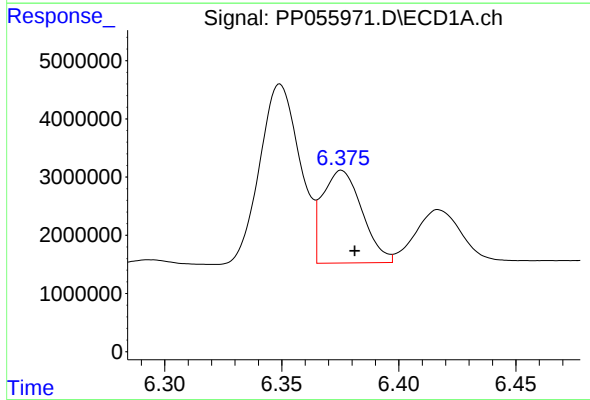
R.T.: 5.970 min
Delta R.T.: -0.005 min
Response: 13055965
Conc: 200.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



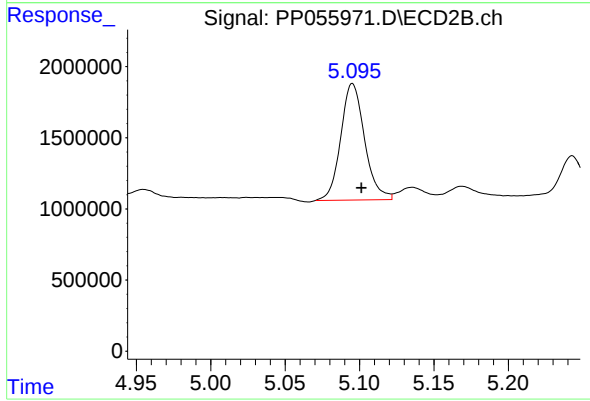
#23 AR-1248-3

R.T.: 4.923 min
Delta R.T.: -0.007 min
Response: 4737972
Conc: 106.47 ng/ml



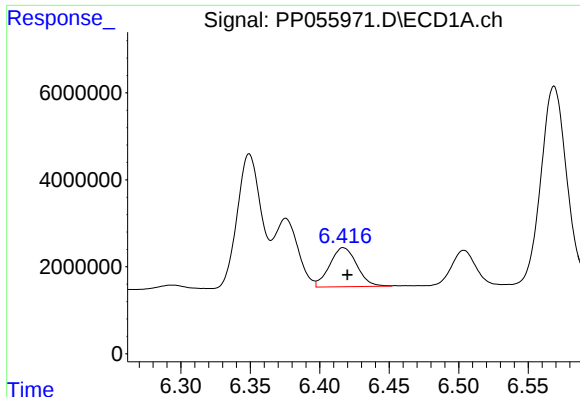
#24 AR-1248-4

R.T.: 6.375 min
Delta R.T.: -0.006 min
Response: 18737791
Conc: 258.26 ng/ml



#24 AR-1248-4

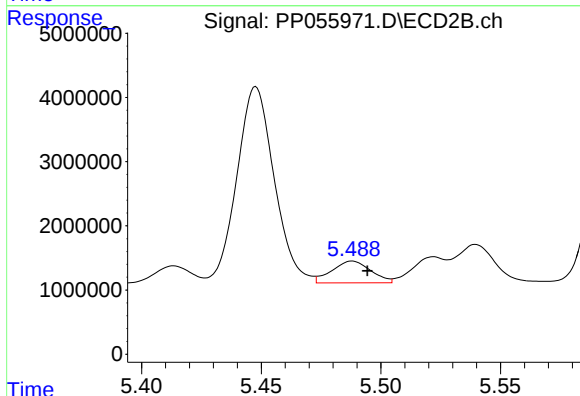
R.T.: 5.095 min
Delta R.T.: -0.006 min
Response: 9129707
Conc: 178.31 ng/ml



#25 AR-1248-5

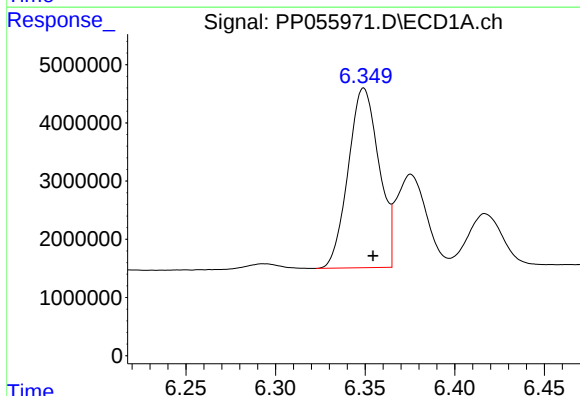
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 12225132
Conc: 172.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



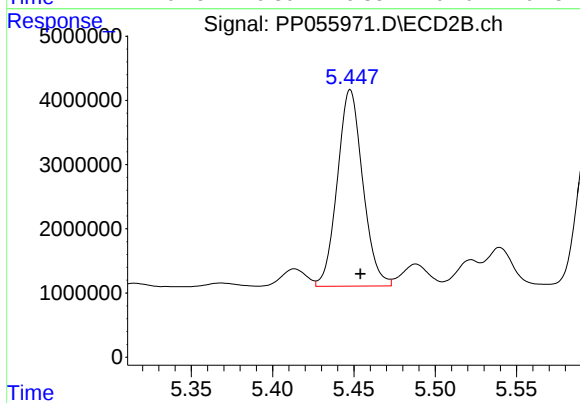
#25 AR-1248-5

R.T.: 5.488 min
Delta R.T.: -0.006 min
Response: 3837632
Conc: 87.07 ng/ml



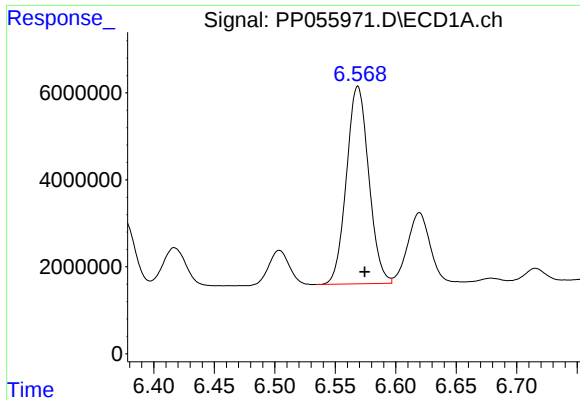
#26 AR-1254-1

R.T.: 6.349 min
Delta R.T.: -0.005 min
Response: 36868109
Conc: 501.46 ng/ml



#26 AR-1254-1

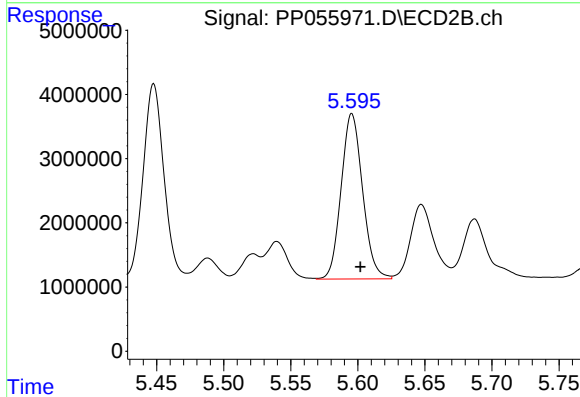
R.T.: 5.448 min
Delta R.T.: -0.006 min
Response: 33287143
Conc: 452.44 ng/ml



#27 AR-1254-2

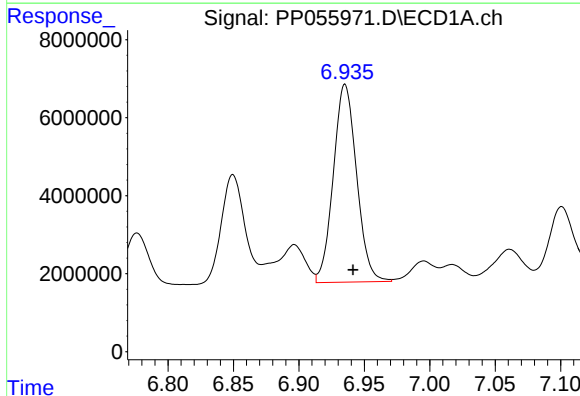
R.T.: 6.569 min
Delta R.T.: -0.006 min
Response: 58414473
Conc: 506.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



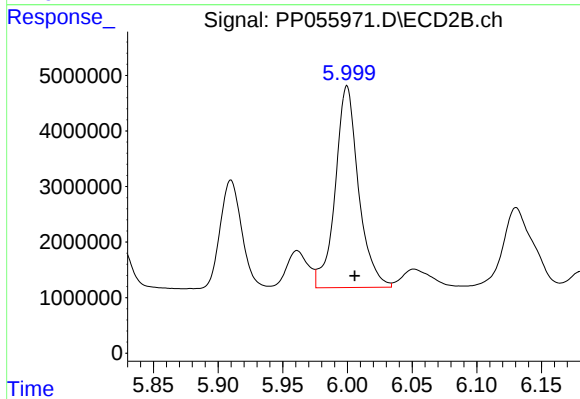
#27 AR-1254-2

R.T.: 5.596 min
Delta R.T.: -0.006 min
Response: 28645502
Conc: 455.29 ng/ml



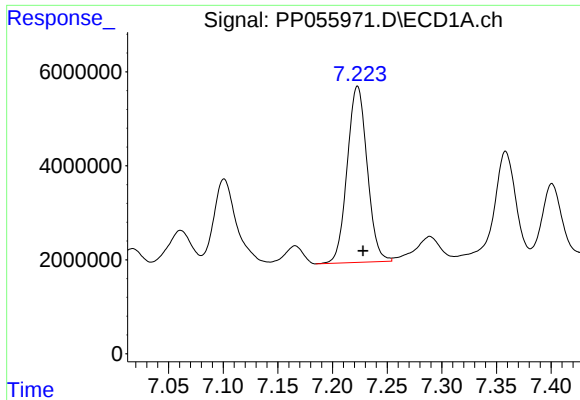
#28 AR-1254-3

R.T.: 6.935 min
Delta R.T.: -0.006 min
Response: 62914140
Conc: 511.21 ng/ml



#28 AR-1254-3

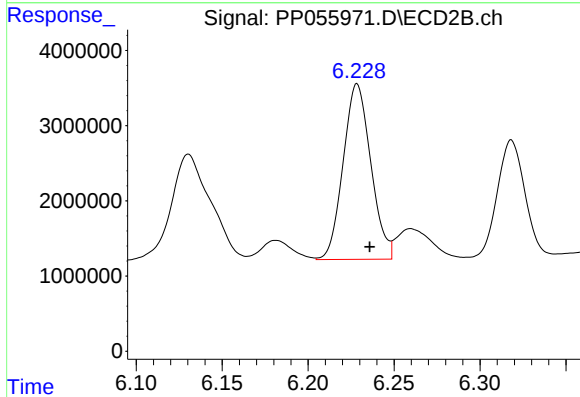
R.T.: 6.000 min
Delta R.T.: -0.006 min
Response: 45442819
Conc: 463.34 ng/ml



#29 AR-1254-4

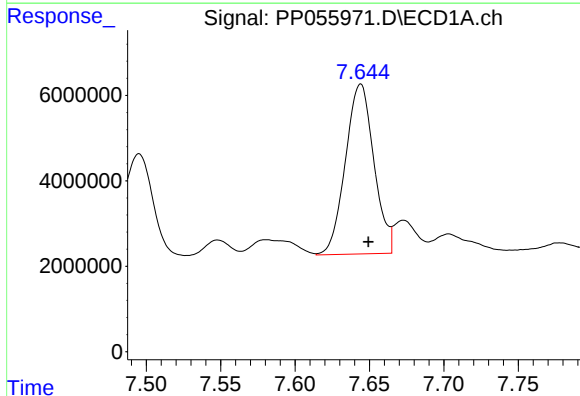
R.T.: 7.223 min
Delta R.T.: -0.005 min
Response: 47687851
Conc: 519.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



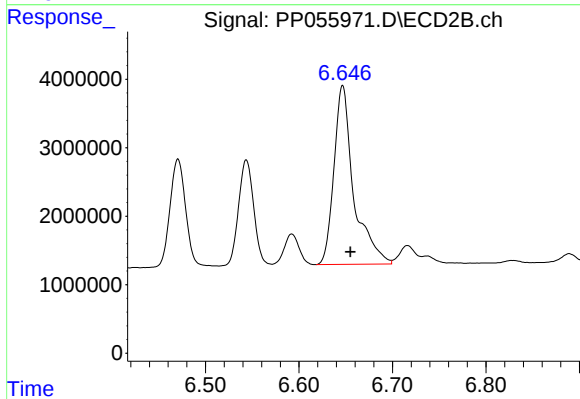
#29 AR-1254-4

R.T.: 6.229 min
Delta R.T.: -0.007 min
Response: 26140584
Conc: 474.88 ng/ml



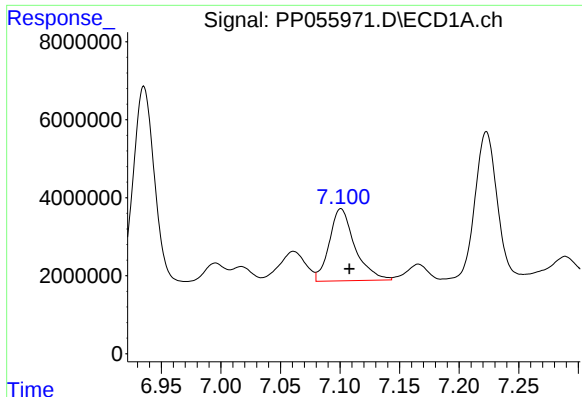
#30 AR-1254-5

R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 52972349
Conc: 504.00 ng/ml



#30 AR-1254-5

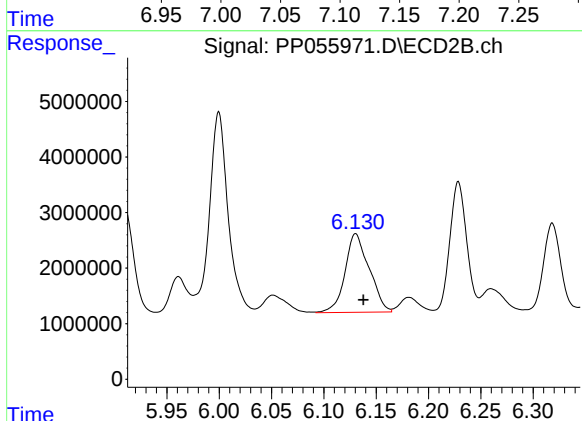
R.T.: 6.647 min
Delta R.T.: -0.008 min
Response: 38419544
Conc: 472.86 ng/ml



#31 AR-1260-1

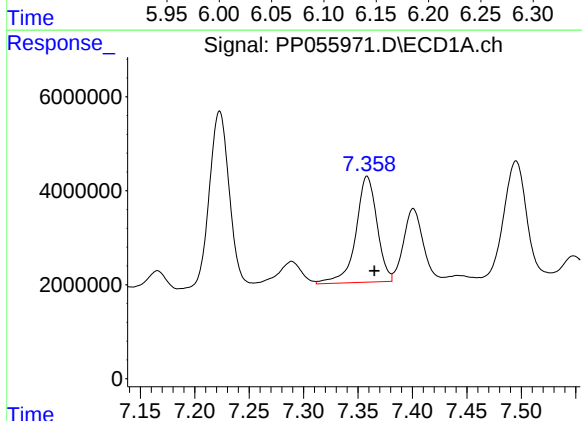
R.T.: 7.101 min
Delta R.T.: -0.007 min
Response: 27617020
Conc: 266.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



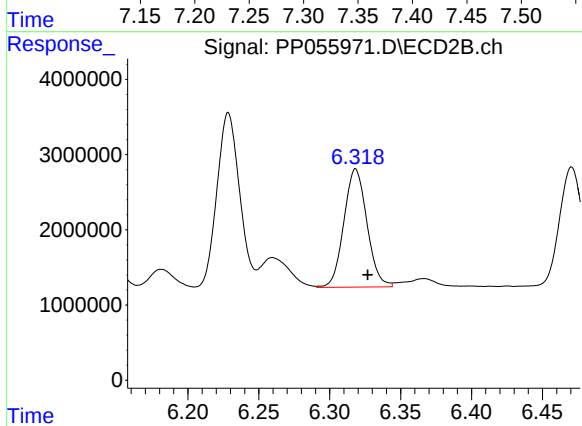
#31 AR-1260-1

R.T.: 6.130 min
Delta R.T.: -0.007 min
Response: 22703314
Conc: 311.42 ng/ml



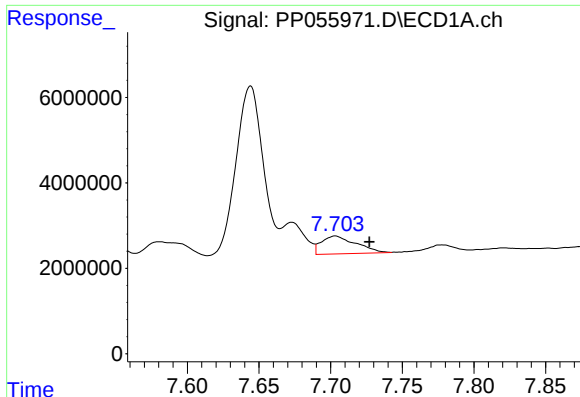
#32 AR-1260-2

R.T.: 7.358 min
Delta R.T.: -0.007 min
Response: 30573310
Conc: 243.09 ng/ml



#32 AR-1260-2

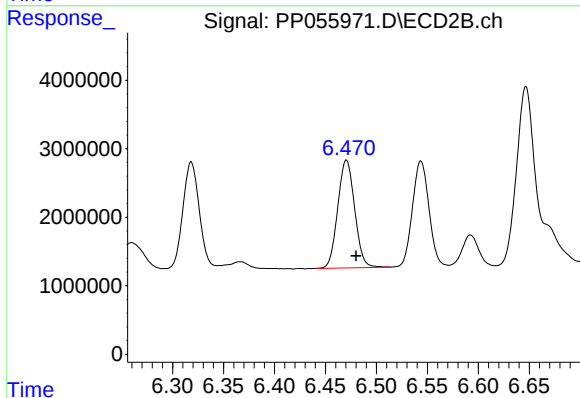
R.T.: 6.318 min
Delta R.T.: -0.009 min
Response: 17820823
Conc: 218.40 ng/ml



#33 AR-1260-3

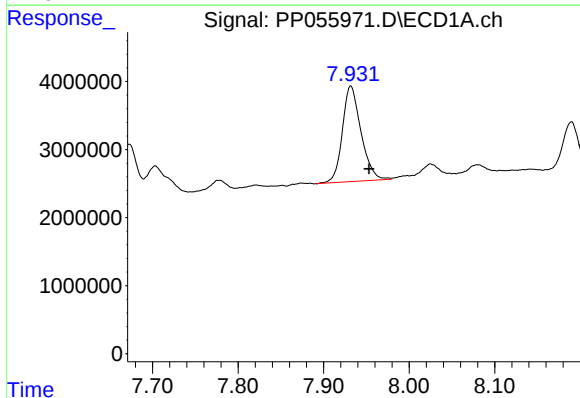
R.T.: 7.703 min
Delta R.T.: -0.024 min
Response: 7044106
Conc: 80.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



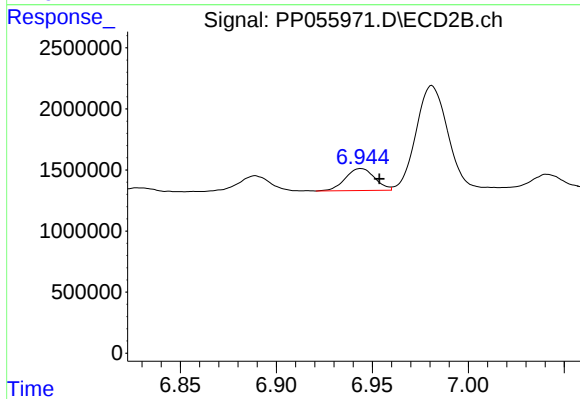
#33 AR-1260-3

R.T.: 6.471 min
Delta R.T.: -0.010 min
Response: 18187680
Conc: 215.22 ng/ml



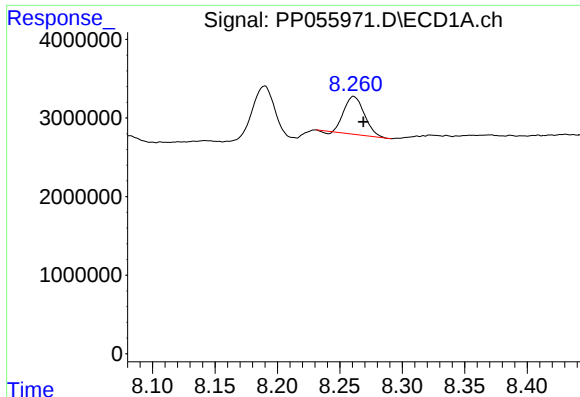
#34 AR-1260-4

R.T.: 7.932 min
Delta R.T.: -0.021 min
Response: 21190364
Conc: 197.17 ng/ml



#34 AR-1260-4

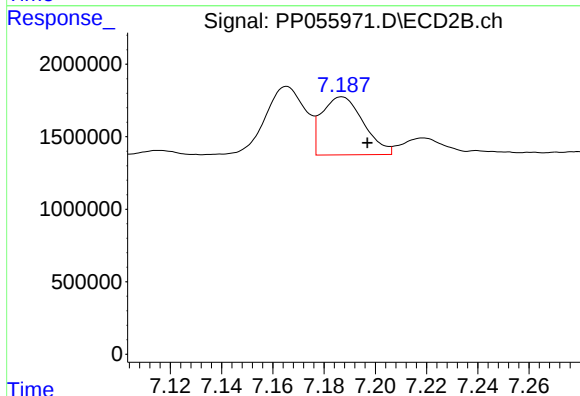
R.T.: 6.944 min
Delta R.T.: -0.010 min
Response: 1920518
Conc: 30.01 ng/ml



#35 AR-1260-5

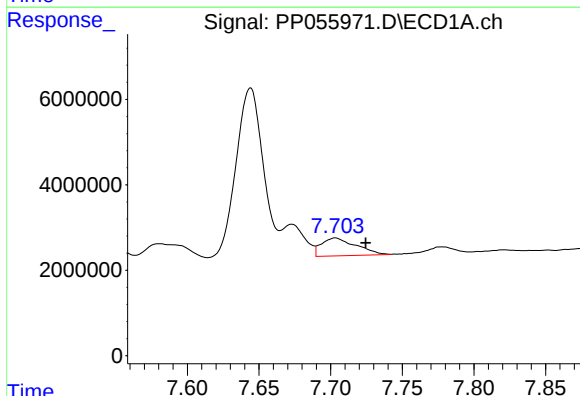
R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 5412234
Conc: 26.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



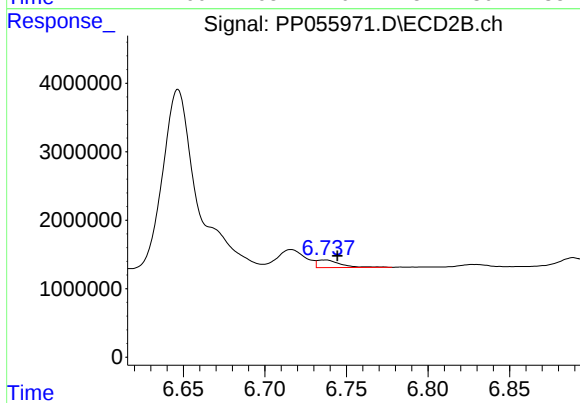
#35 AR-1260-5

R.T.: 7.187 min
Delta R.T.: -0.010 min
Response: 4513642
Conc: 33.35 ng/ml



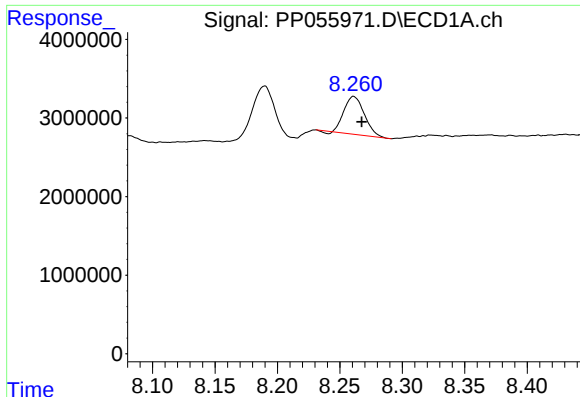
#36 AR-1262-1

R.T.: 7.703 min
Delta R.T.: -0.021 min
Response: 7044106
Conc: 59.71 ng/ml



#36 AR-1262-1

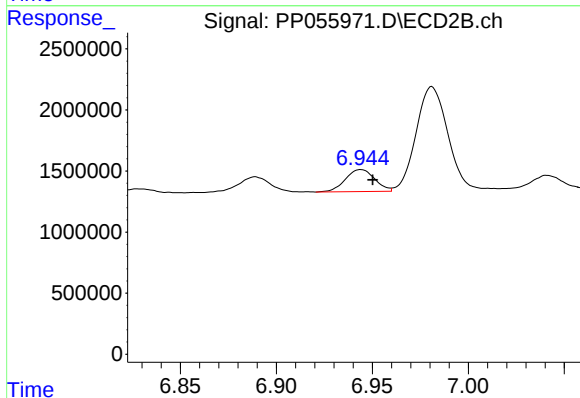
R.T.: 6.737 min
Delta R.T.: -0.008 min
Response: 1117510
Conc: 31.70 ng/ml



#37 AR-1262-2

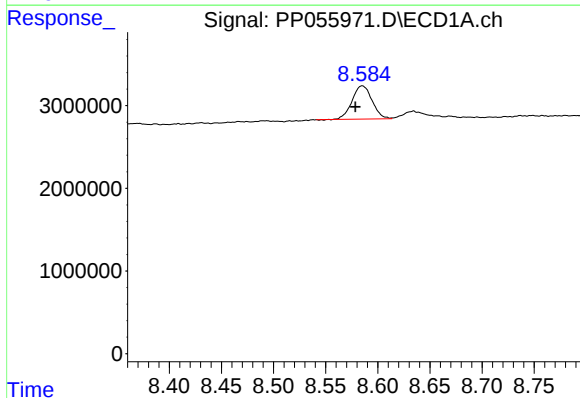
R.T.: 8.261 min
Delta R.T.: -0.007 min
Response: 5412234
Conc: 24.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



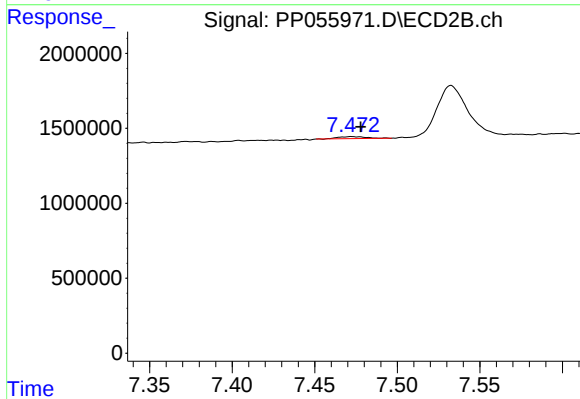
#37 AR-1262-2

R.T.: 6.944 min
Delta R.T.: -0.006 min
Response: 1920518
Conc: 25.86 ng/ml



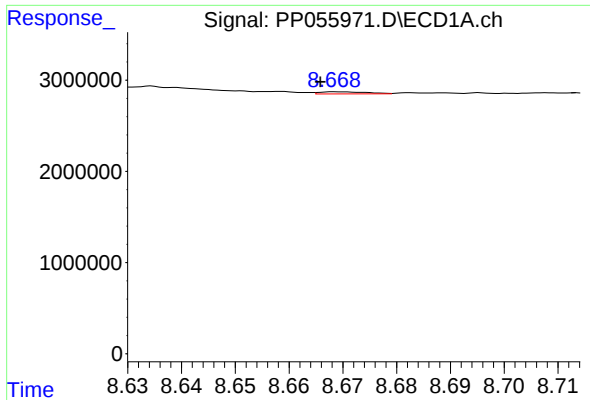
#38 AR-1262-3

R.T.: 8.585 min
Delta R.T.: 0.007 min
Response: 5378193
Conc: 35.18 ng/ml



#38 AR-1262-3

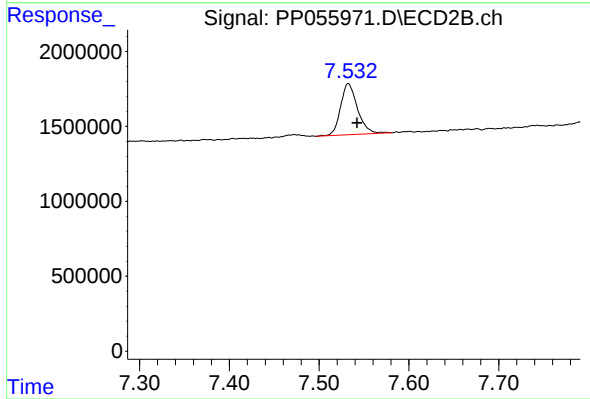
R.T.: 7.472 min
Delta R.T.: -0.005 min
Response: 166704
Conc: 3.00 ng/ml



#39 AR-1262-4

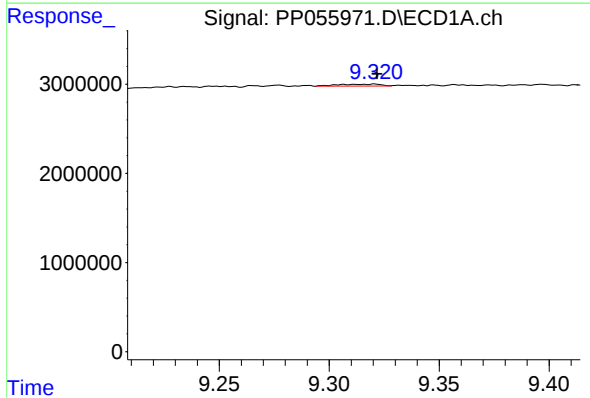
R.T.: 8.669 min
Delta R.T.: 0.003 min
Response: 139396
Conc: 1.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



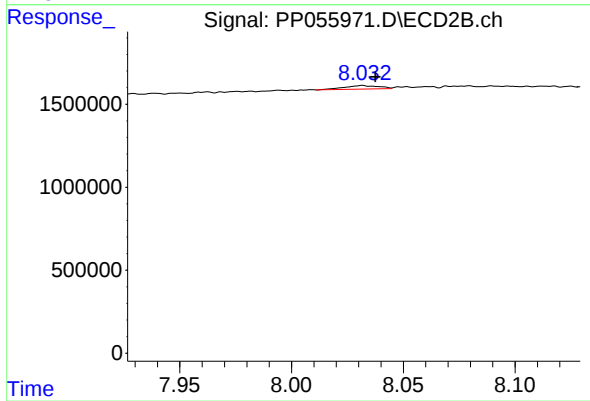
#39 AR-1262-4

R.T.: 7.533 min
Delta R.T.: -0.010 min
Response: 4469432
Conc: 44.03 ng/ml



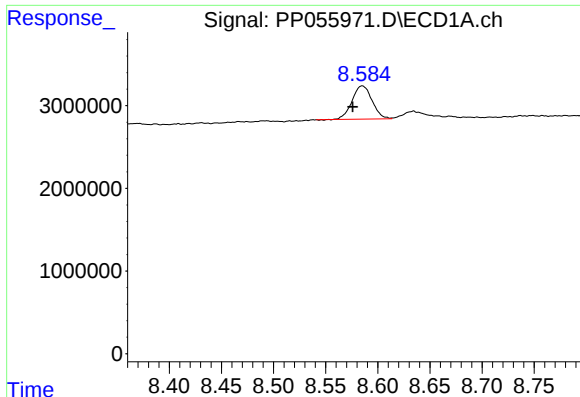
#40 AR-1262-5

R.T.: 9.321 min
Delta R.T.: 0.000 min
Response: 299154
Conc: 3.63 ng/ml



#40 AR-1262-5

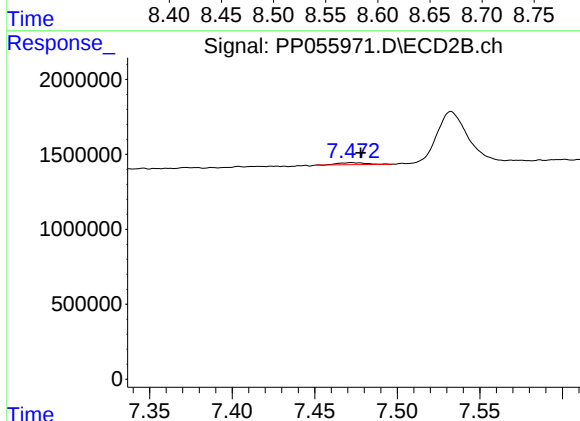
R.T.: 8.032 min
Delta R.T.: -0.006 min
Response: 228028
Conc: 5.01 ng/ml



#41 AR-1268-1

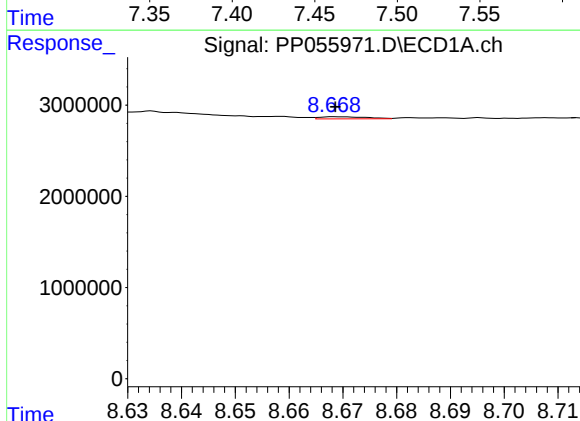
R.T.: 8.585 min
Delta R.T.: 0.009 min
Response: 5378193
Conc: 18.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



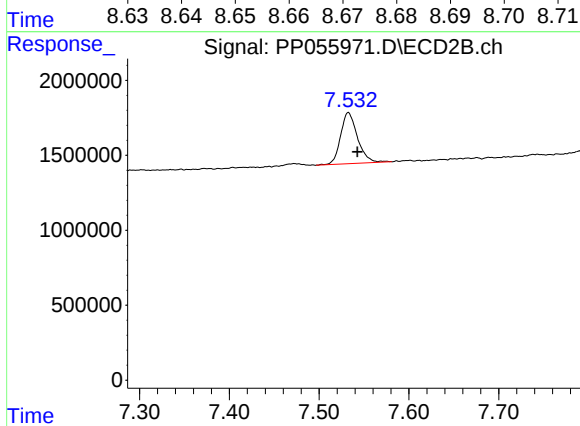
#41 AR-1268-1

R.T.: 7.472 min
Delta R.T.: -0.005 min
Response: 166704
Conc: 0.99 ng/ml



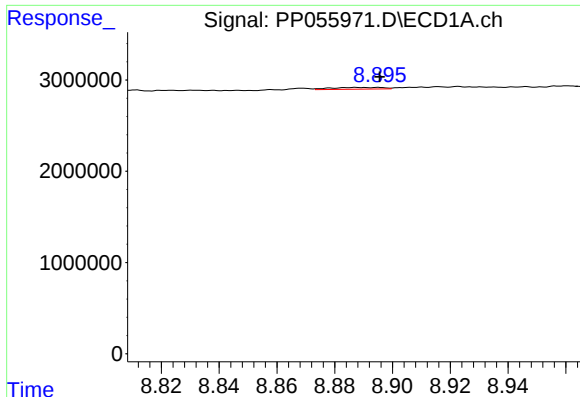
#42 AR-1268-2

R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 139396
Conc: 0.52 ng/ml



#42 AR-1268-2

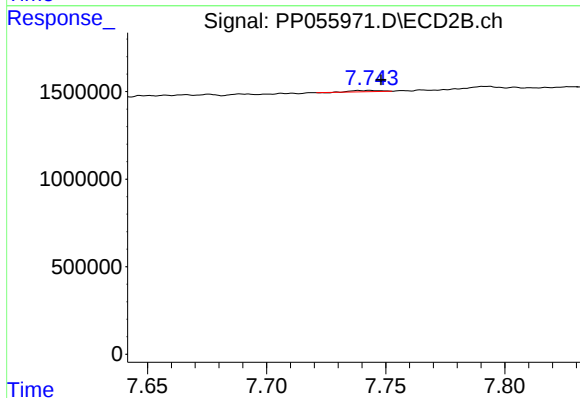
R.T.: 7.533 min
Delta R.T.: -0.010 min
Response: 4469432
Conc: 29.22 ng/ml



#43 AR-1268-3

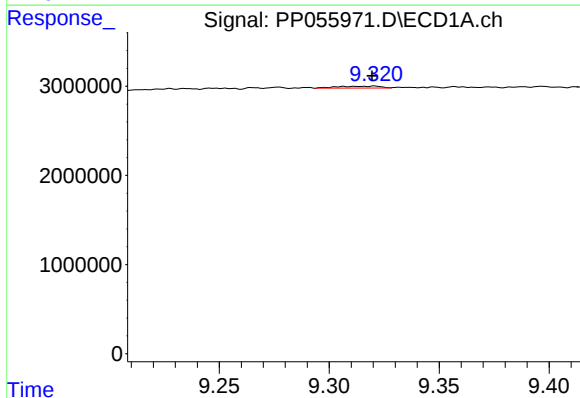
R.T.: 8.888 min
Delta R.T.: -0.008 min
Response: 241416
Conc: 1.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



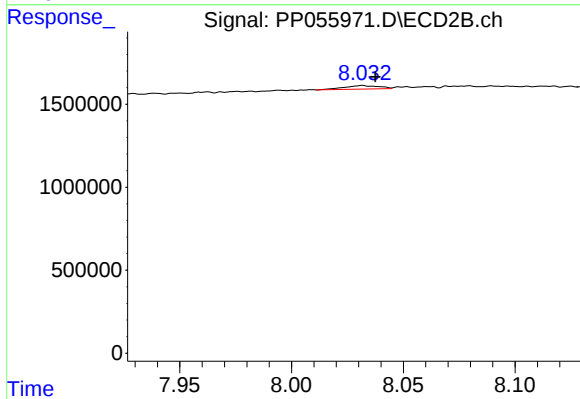
#43 AR-1268-3

R.T.: 7.744 min
Delta R.T.: -0.005 min
Response: 56993
Conc: 0.42 ng/ml



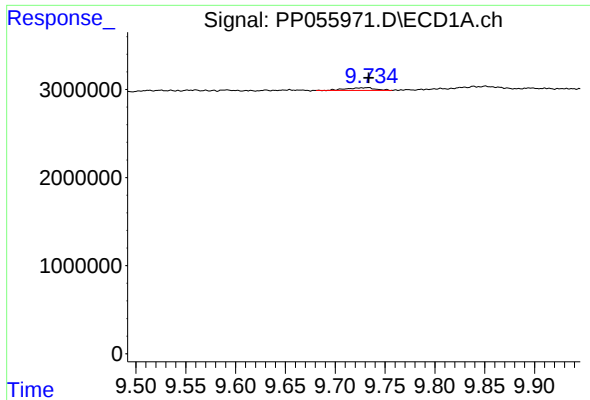
#44 AR-1268-4

R.T.: 9.321 min
Delta R.T.: 0.001 min
Response: 299154
Conc: 3.03 ng/ml



#44 AR-1268-4

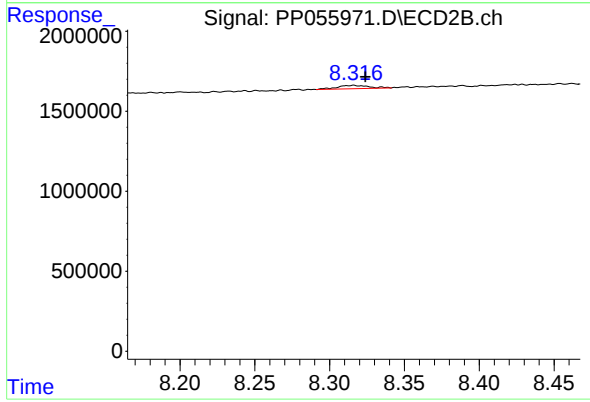
R.T.: 8.032 min
Delta R.T.: -0.006 min
Response: 228028
Conc: 4.14 ng/ml



#45 AR-1268-5

R.T.: 9.733 min
Delta R.T.: 0.000 min
Response: 613008
Conc: 0.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.316 min
Delta R.T.: -0.008 min
Response: 305397
Conc: 0.76 ng/ml