

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100623\
 Data File : PP060679.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2023 09:53
 Operator : YP\AJ
 Sample : 04729-19RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 12:26:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.531	3.683	60498812	42176538	27.014	28.335
2)	SA Decachlor...	10.461	8.748	119.0E6	95808122	67.382	58.735
Target Compounds							
3)	L1 AR-1016-1	5.749f	4.789	2185057	55506	29.686	0.955 #
4)	L1 AR-1016-2	5.749	4.811	2185057	1378234	20.863	17.120
5)	L1 AR-1016-3	5.815	4.974	233980	2702219	3.580	60.462 #
6)	L1 AR-1016-4	5.884f	5.037	8562492	1601377	157.458	44.503 #
7)	L1 AR-1016-5	0.000	5.244	0	3755292	N.D.	77.285 #
8)	L2 AR-1221-1	4.741	3.907	2081592	57190	72.060	2.738 #
9)	L2 AR-1221-2	4.843	3.987	889378	1802187	41.628	120.864 #
10)	L2 AR-1221-3	4.935f	4.064	823065	55084	13.553	1.254 #
11)	L3 AR-1232-1	4.935	4.064	823065	55084	16.351	1.514 #
12)	L3 AR-1232-2	0.000	4.811	0	1378234	N.D.	37.793 #
13)	L3 AR-1232-3	5.749	4.974	2185057	2702219	47.074	135.008 #
14)	L3 AR-1232-4	0.000	5.059	0	1072966	N.D.	57.488 #
15)	L3 AR-1232-5	6.005	5.244	2014413	3755292	97.213	180.548 #
16)	L4 AR-1242-1	5.749f	4.789	2185057	55506	34.191	1.096 #
17)	L4 AR-1242-2	5.749	4.811	2185057	1378234	24.132	19.847
18)	L4 AR-1242-3	5.815	4.974	233980	2702219	4.156	70.168 #
19)	L4 AR-1242-4	5.884f	5.059	8562492	1072966	183.328	27.244 #
20)	L4 AR-1242-5	6.628f	5.597	19478519	18406610	387.278	376.281
21)	L5 AR-1248-1	0.000	4.789	0	55506	N.D.	1.521 #
22)	L5 AR-1248-2	6.005	5.037	2014413	1601377	29.053	30.636
23)	L5 AR-1248-3	0.000	5.059	0	1072966	N.D.	19.324 #
24)	L5 AR-1248-4	6.628f	5.244	19478519	3755292	235.516	57.048 #
25)	L5 AR-1248-5	6.628f	0.000	19478519	0	242.020	N.D. #
26)	L6 AR-1254-1	6.587	5.597	24557946	18406610	287.765	186.078 #
27)	L6 AR-1254-2	6.817	5.740	18195232	1495833	142.566	17.405 #
28)	L6 AR-1254-3	7.181	6.146	20199115	5615678	151.969	39.181 #
29)	L6 AR-1254-4	7.464	6.377	12675214	854750	128.893	9.806 #
30)	L6 AR-1254-5	7.909f	6.796	38699522	27292949	357.194	215.380 #
31)	L7 AR-1260-1	7.344	6.277	14173524	6001960	135.212	59.795 #
32)	L7 AR-1260-2	7.601	6.465	27256034	4789703	225.431	40.147 #
33)	L7 AR-1260-3	7.965	6.621	7087040	3546646	76.459	30.977 #
34)	L7 AR-1260-4	8.196	7.095	14952192	5171816	140.991	54.336 #
35)	L7 AR-1260-5	8.532	7.338	7295314	7608359	37.698	35.108
36)	L8 AR-1262-1	7.965	6.889	7087040	1585328	56.817	29.606 #
37)	L8 AR-1262-2	8.532	7.095	7295314	5171816	34.825	43.847 #
38)	L8 AR-1262-3	8.860	7.625	12191441	9945007	80.558	107.853 #
39)	L8 AR-1262-4	8.956	7.688	6526027	8440399	54.531	50.103
40)	L8 AR-1262-5	9.651	8.189	3534962	1638247	44.152	21.146 #
41)	L9 AR-1268-1	8.860	7.625	12191441	9945007	45.953	36.586

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 Acq On : 06 Oct 2023 09:53
 Operator : YP\AJ
 Sample : 04729-19RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

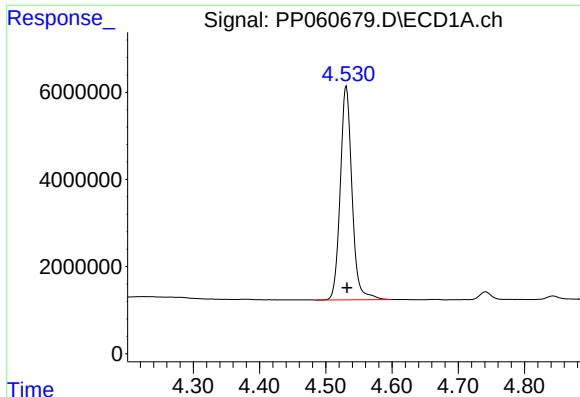
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 12:26:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
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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
42) L9	AR-1268-2	8.956	7.688	6526027	8440399	26.775	34.610 #
43) L9	AR-1268-3	9.201	7.898	21205373	18933227	101.390	88.520
44) L9	AR-1268-4	9.651	8.189	3534962	1638247	38.264	18.672 #
45) L9	AR-1268-5	10.096	8.487	58884041	45678260	93.009	73.084

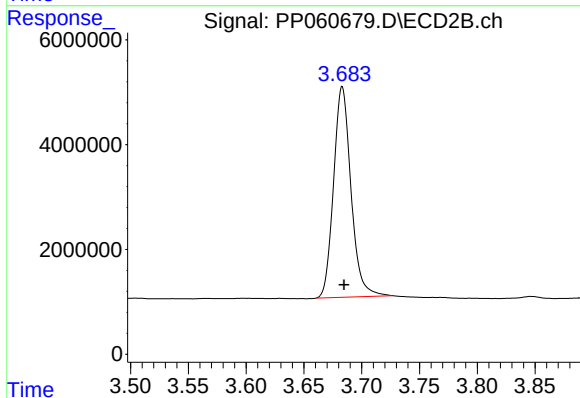
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

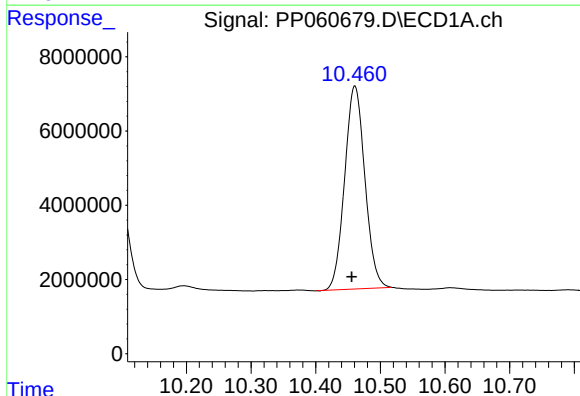
R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 60498812
Conc: 27.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



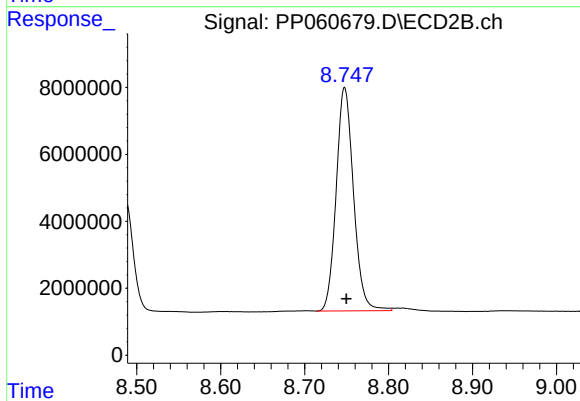
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 42176538
Conc: 28.33 ng/ml



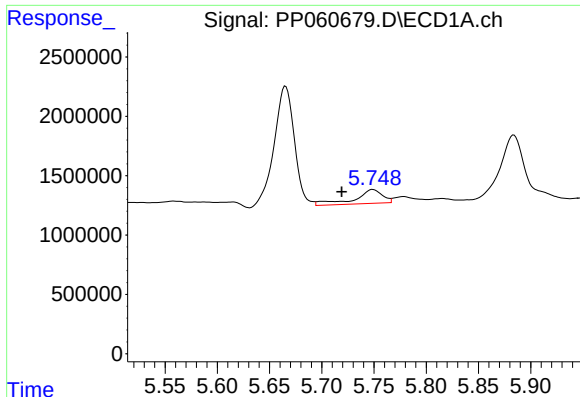
#2 Decachlorobiphenyl

R.T.: 10.461 min
Delta R.T.: 0.005 min
Response: 118964387
Conc: 67.38 ng/ml



#2 Decachlorobiphenyl

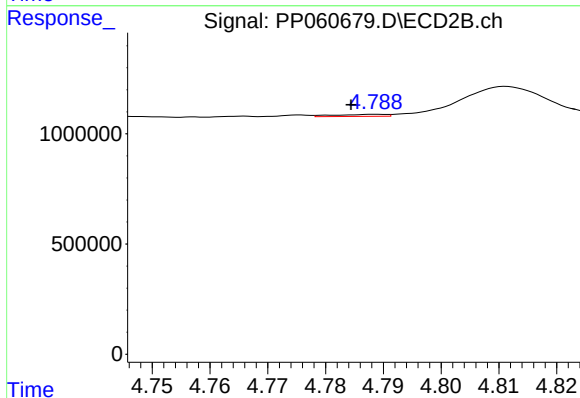
R.T.: 8.748 min
Delta R.T.: -0.002 min
Response: 95808122
Conc: 58.74 ng/ml



#3 AR-1016-1

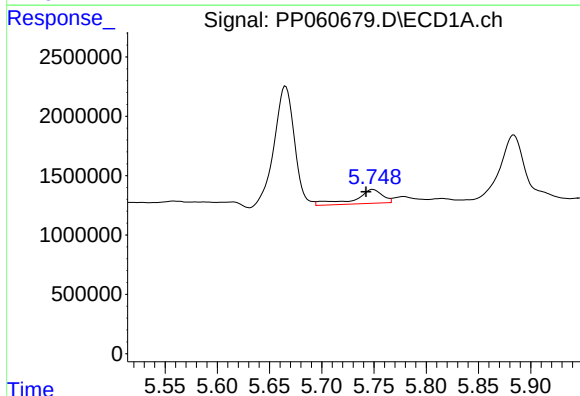
R.T.: 5.749 min
Delta R.T.: 0.030 min
Response: 2185057
Conc: 29.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



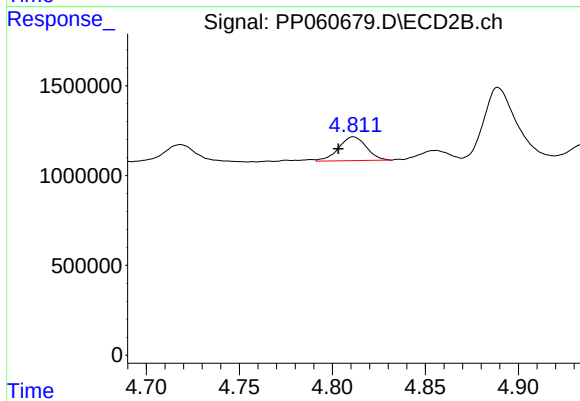
#3 AR-1016-1

R.T.: 4.789 min
Delta R.T.: 0.004 min
Response: 55506
Conc: 0.96 ng/ml



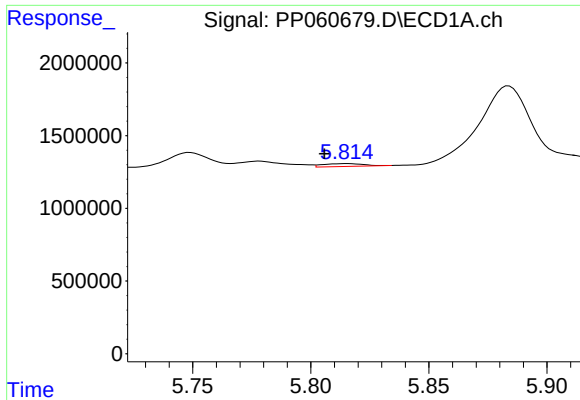
#4 AR-1016-2

R.T.: 5.749 min
Delta R.T.: 0.007 min
Response: 2185057
Conc: 20.86 ng/ml



#4 AR-1016-2

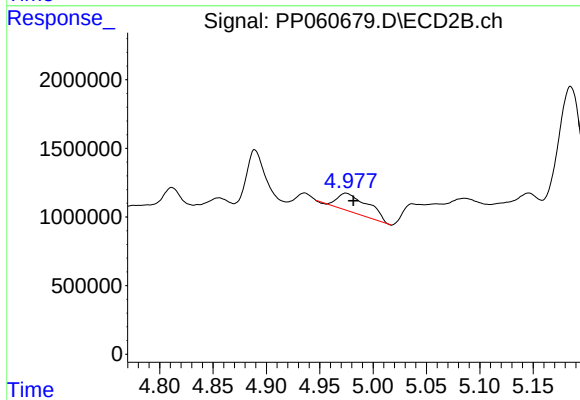
R.T.: 4.811 min
Delta R.T.: 0.008 min
Response: 1378234
Conc: 17.12 ng/ml



#5 AR-1016-3

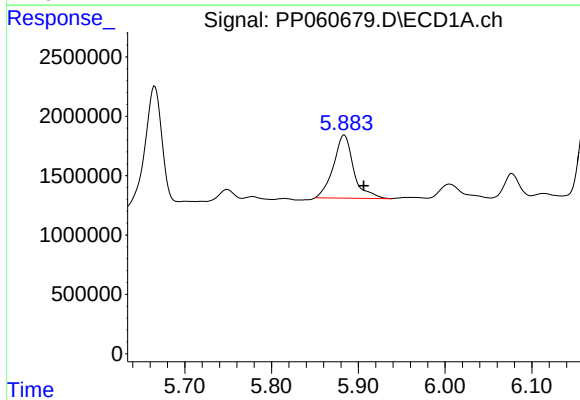
R.T.: 5.815 min
Delta R.T.: 0.009 min
Response: 233980
Conc: 3.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



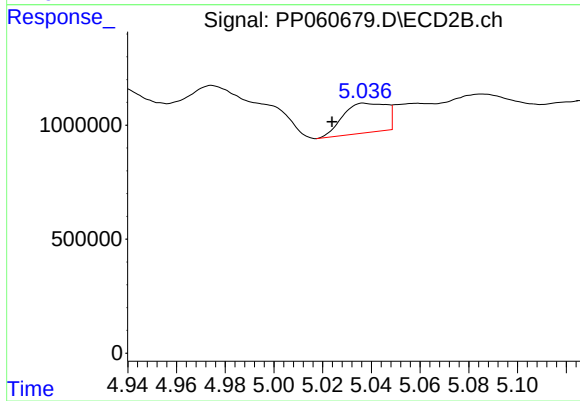
#5 AR-1016-3

R.T.: 4.974 min
Delta R.T.: -0.007 min
Response: 2702219
Conc: 60.46 ng/ml



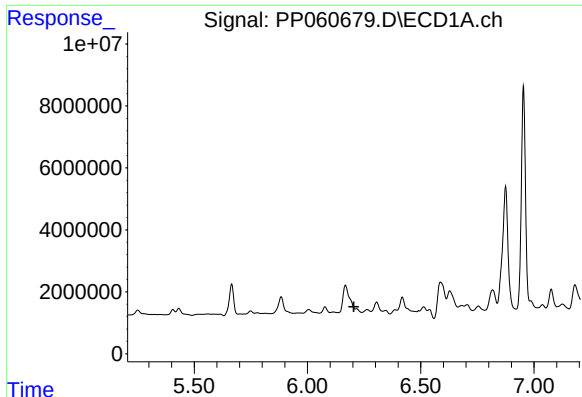
#6 AR-1016-4

R.T.: 5.884 min
Delta R.T.: -0.022 min
Response: 8562492
Conc: 157.46 ng/ml



#6 AR-1016-4

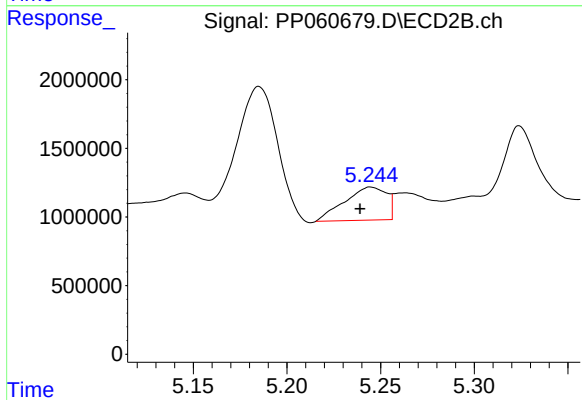
R.T.: 5.037 min
Delta R.T.: 0.013 min
Response: 1601377
Conc: 44.50 ng/ml



#7 AR-1016-5

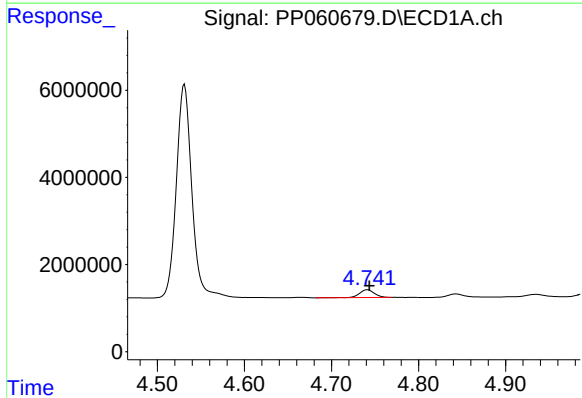
R.T.: 0.000 min
Exp R.T.: 6.205 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



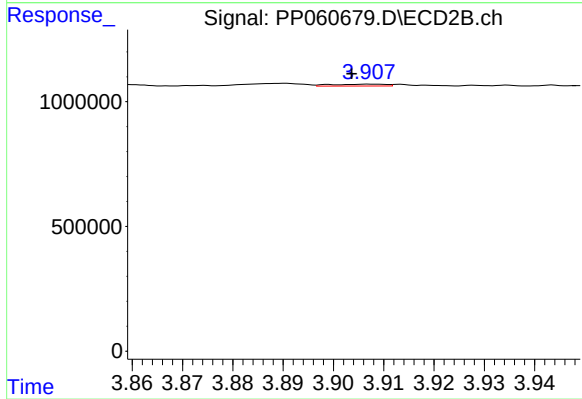
#7 AR-1016-5

R.T.: 5.244 min
Delta R.T.: 0.005 min
Response: 3755292
Conc: 77.29 ng/ml



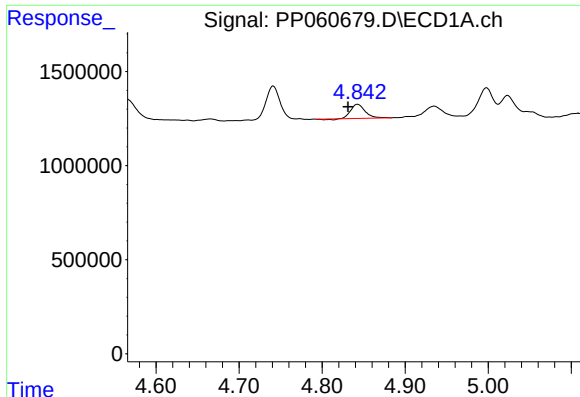
#8 AR-1221-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 2081592
Conc: 72.06 ng/ml



#8 AR-1221-1

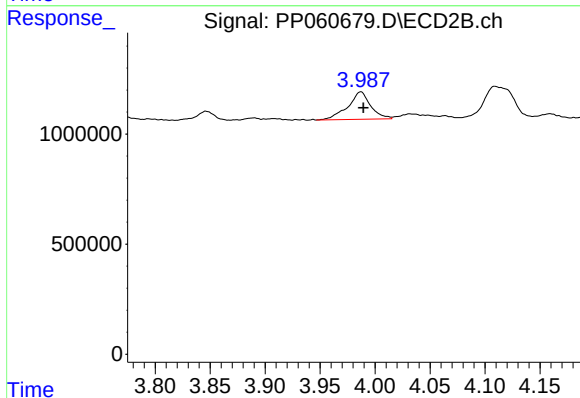
R.T.: 3.907 min
Delta R.T.: 0.003 min
Response: 57190
Conc: 2.74 ng/ml



#9 AR-1221-2

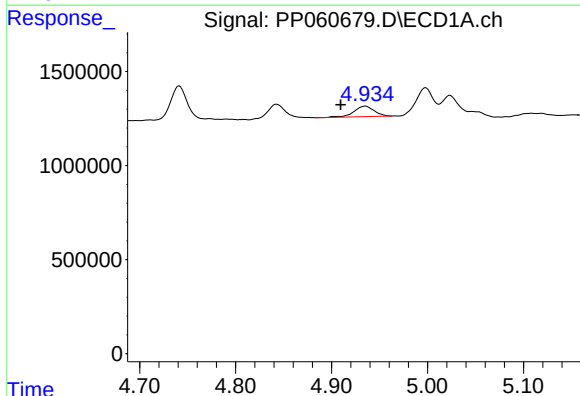
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 889378
Conc: 41.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



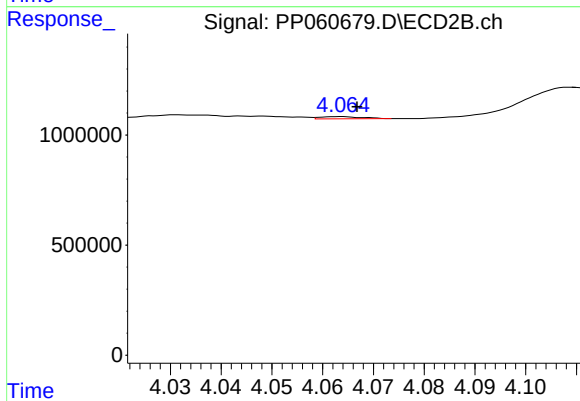
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.002 min
Response: 1802187
Conc: 120.86 ng/ml



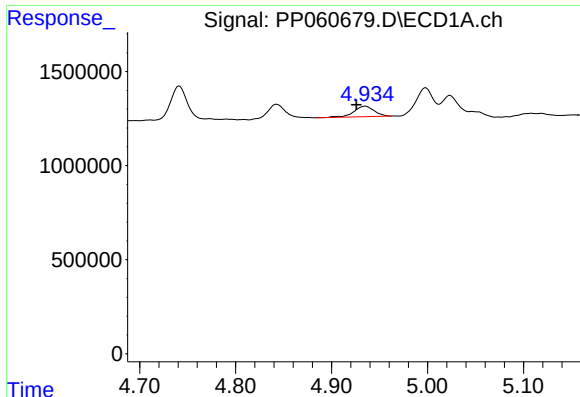
#10 AR-1221-3

R.T.: 4.935 min
Delta R.T.: 0.026 min
Response: 823065
Conc: 13.55 ng/ml



#10 AR-1221-3

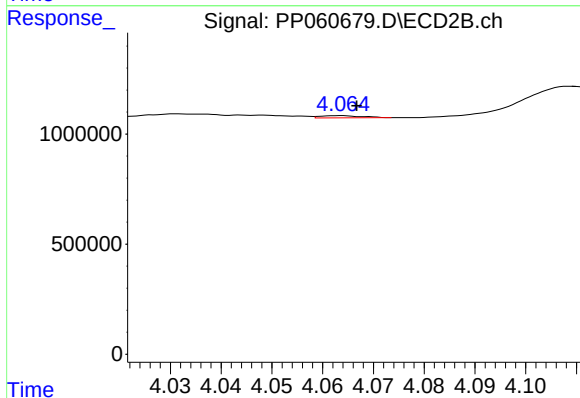
R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 55084
Conc: 1.25 ng/ml



#11 AR-1232-1

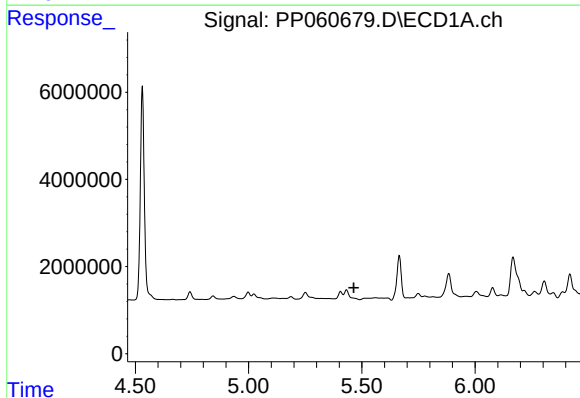
R.T.: 4.935 min
Delta R.T.: 0.009 min
Response: 823065
Conc: 16.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



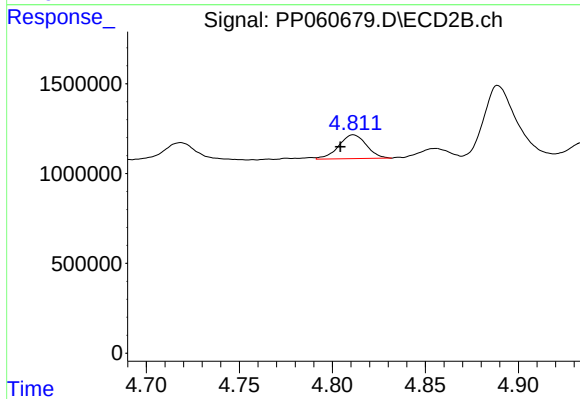
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 55084
Conc: 1.51 ng/ml



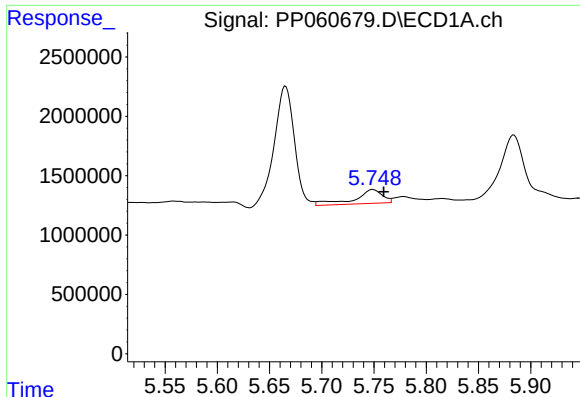
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.464 min
Response: 0
Conc: N.D.



#12 AR-1232-2

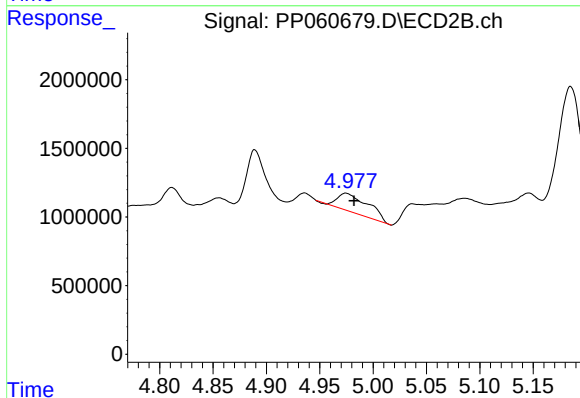
R.T.: 4.811 min
Delta R.T.: 0.007 min
Response: 1378234
Conc: 37.79 ng/ml



#13 AR-1232-3

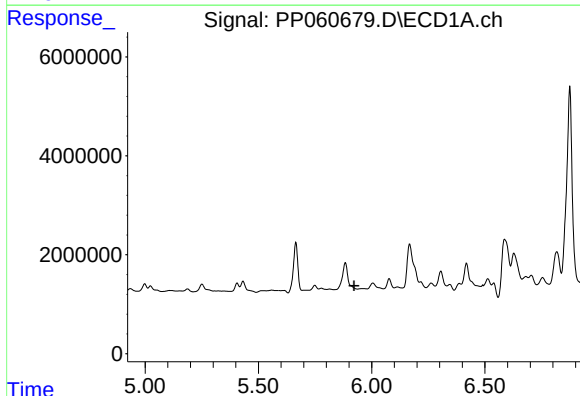
R.T.: 5.749 min
Delta R.T.: -0.010 min
Response: 2185057
Conc: 47.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



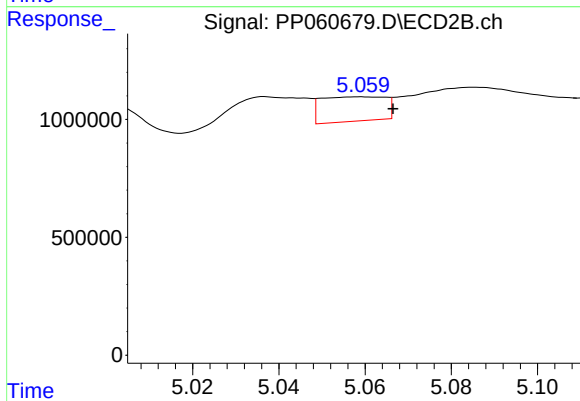
#13 AR-1232-3

R.T.: 4.974 min
Delta R.T.: -0.008 min
Response: 2702219
Conc: 135.01 ng/ml



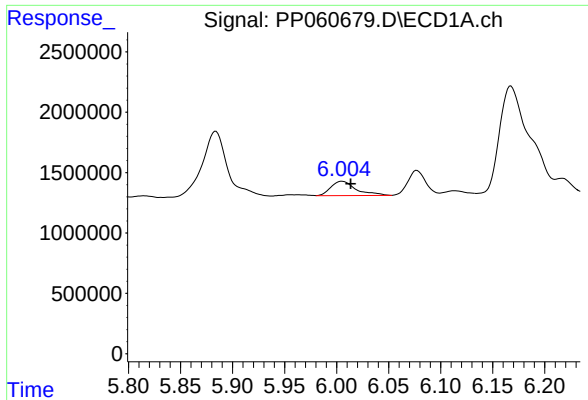
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.922 min
Response: 0
Conc: N.D.



#14 AR-1232-4

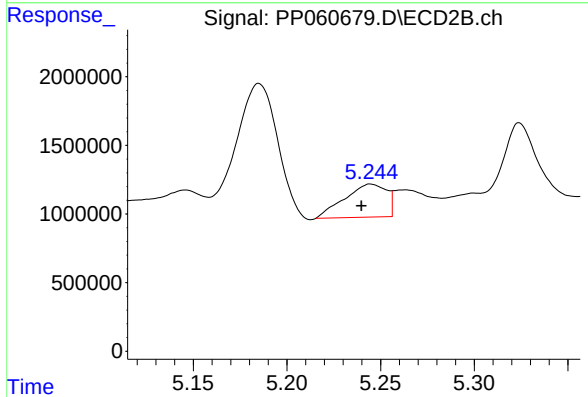
R.T.: 5.059 min
Delta R.T.: -0.007 min
Response: 1072966
Conc: 57.49 ng/ml



#15 AR-1232-5

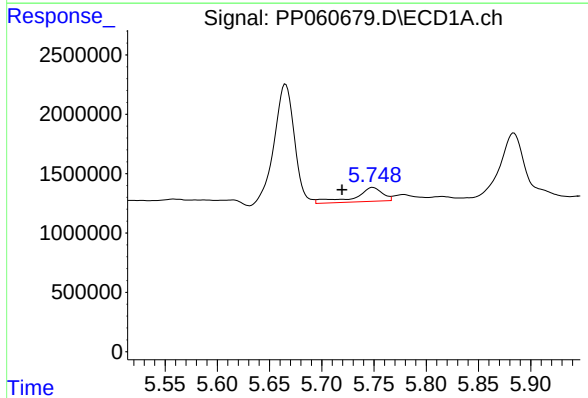
R.T.: 6.005 min
Delta R.T.: -0.008 min
Response: 2014413
Conc: 97.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



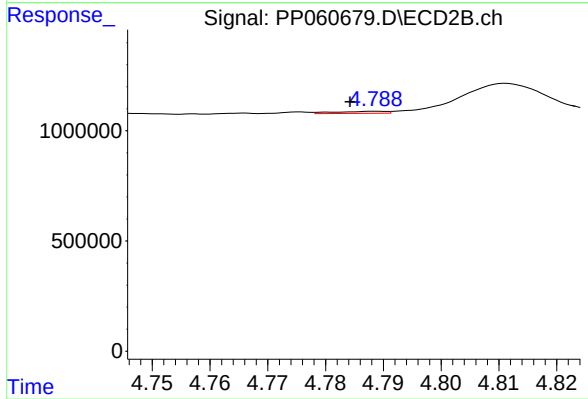
#15 AR-1232-5

R.T.: 5.244 min
Delta R.T.: 0.005 min
Response: 3755292
Conc: 180.55 ng/ml



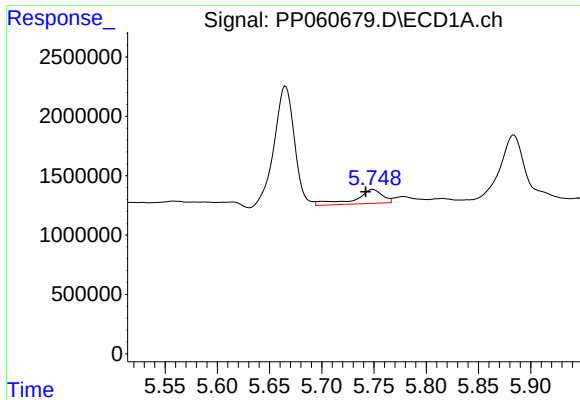
#16 AR-1242-1

R.T.: 5.749 min
Delta R.T.: 0.029 min
Response: 2185057
Conc: 34.19 ng/ml



#16 AR-1242-1

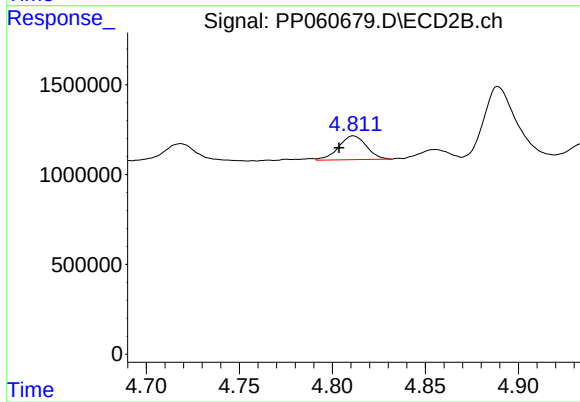
R.T.: 4.789 min
Delta R.T.: 0.005 min
Response: 55506
Conc: 1.10 ng/ml



#17 AR-1242-2

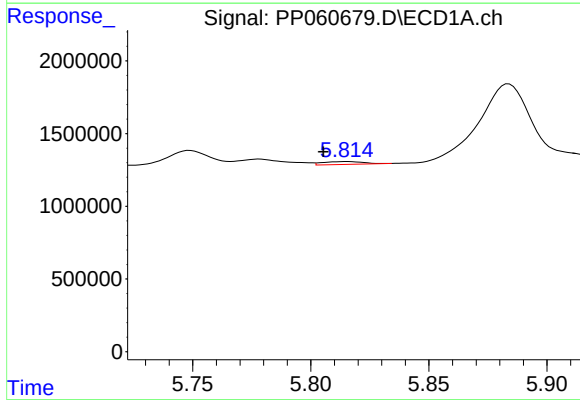
R.T.: 5.749 min
Delta R.T.: 0.007 min
Response: 2185057
Conc: 24.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



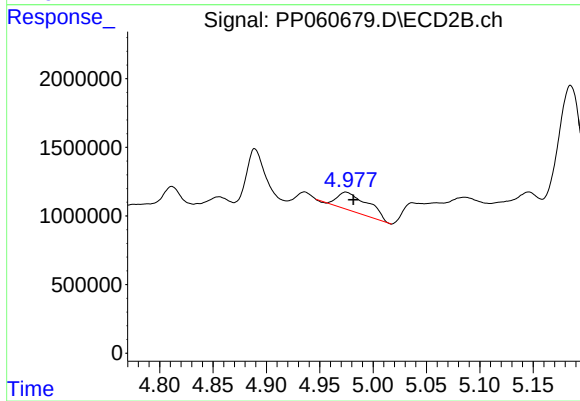
#17 AR-1242-2

R.T.: 4.811 min
Delta R.T.: 0.008 min
Response: 1378234
Conc: 19.85 ng/ml



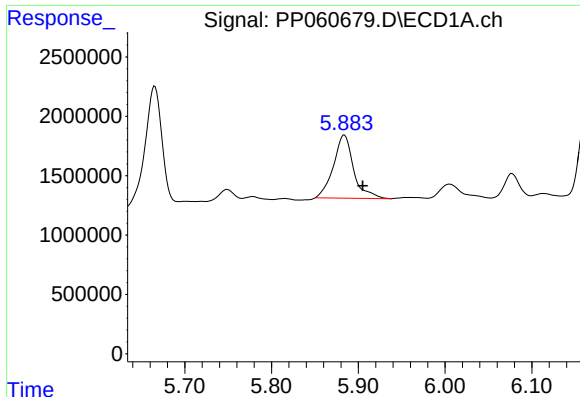
#18 AR-1242-3

R.T.: 5.815 min
Delta R.T.: 0.010 min
Response: 233980
Conc: 4.16 ng/ml



#18 AR-1242-3

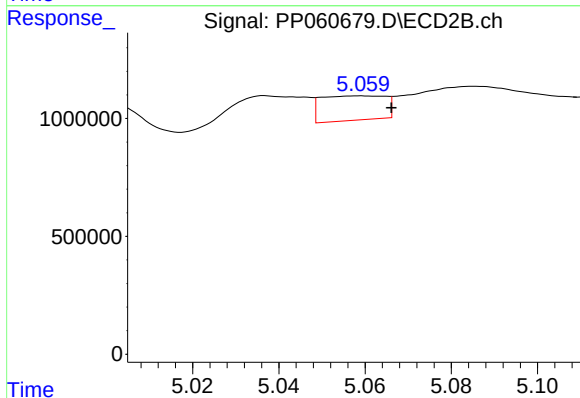
R.T.: 4.974 min
Delta R.T.: -0.007 min
Response: 2702219
Conc: 70.17 ng/ml



#19 AR-1242-4

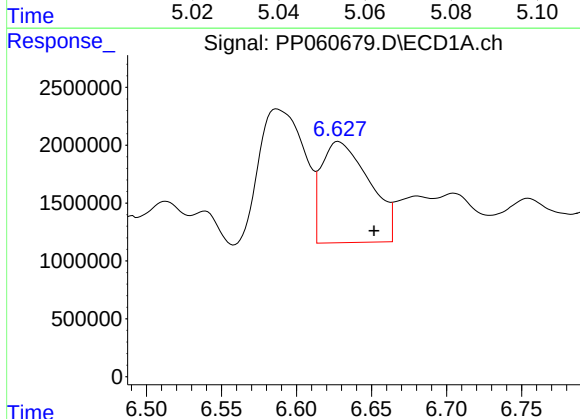
R.T.: 5.884 min
Delta R.T.: -0.021 min
Response: 8562492
Conc: 183.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



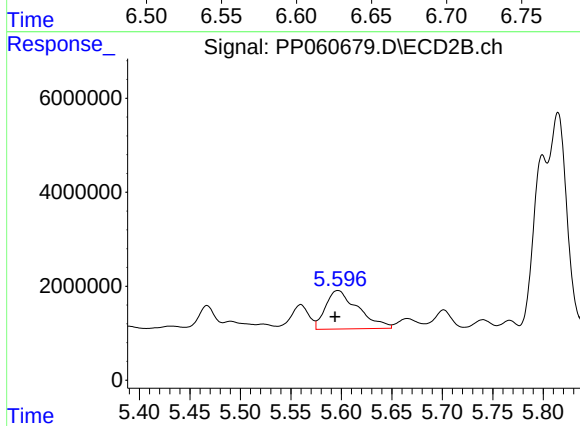
#19 AR-1242-4

R.T.: 5.059 min
Delta R.T.: -0.007 min
Response: 1072966
Conc: 27.24 ng/ml



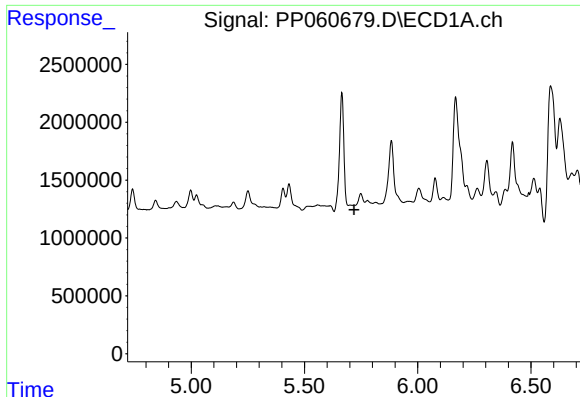
#20 AR-1242-5

R.T.: 6.628 min
Delta R.T.: -0.024 min
Response: 19478519
Conc: 387.28 ng/ml



#20 AR-1242-5

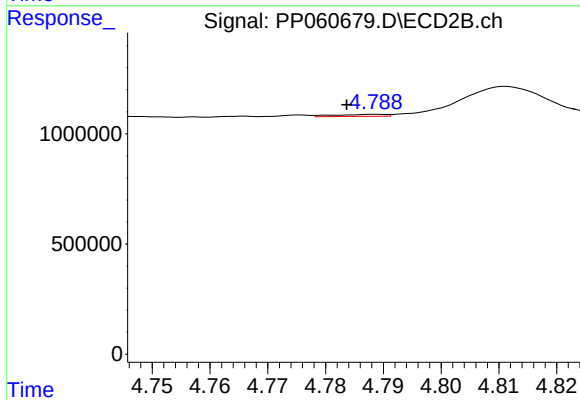
R.T.: 5.597 min
Delta R.T.: 0.003 min
Response: 18406610
Conc: 376.28 ng/ml



#21 AR-1248-1

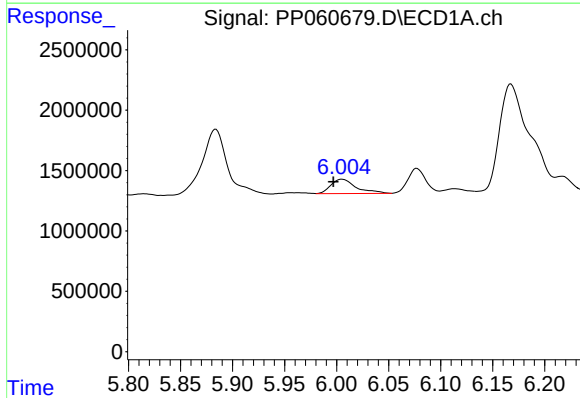
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



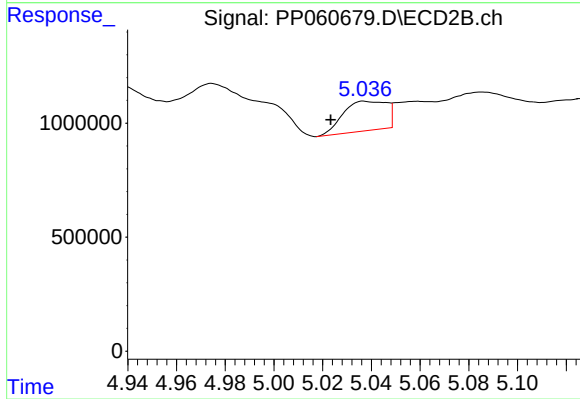
#21 AR-1248-1

R.T.: 4.789 min
Delta R.T.: 0.005 min
Response: 55506
Conc: 1.52 ng/ml



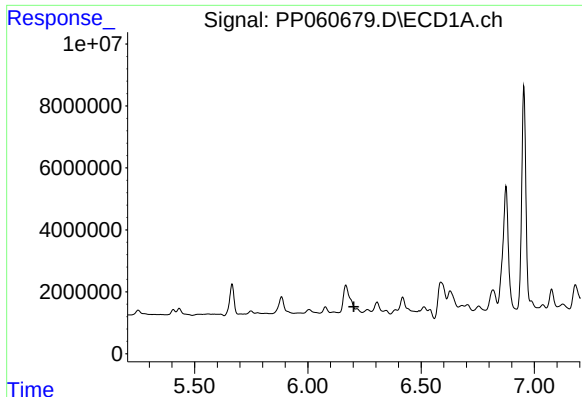
#22 AR-1248-2

R.T.: 6.005 min
Delta R.T.: 0.008 min
Response: 2014413
Conc: 29.05 ng/ml



#22 AR-1248-2

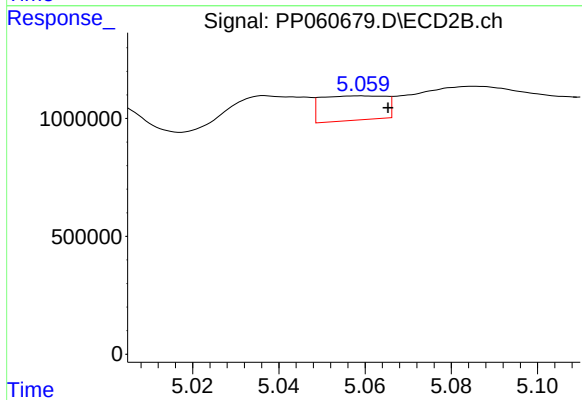
R.T.: 5.037 min
Delta R.T.: 0.013 min
Response: 1601377
Conc: 30.64 ng/ml



#23 AR-1248-3

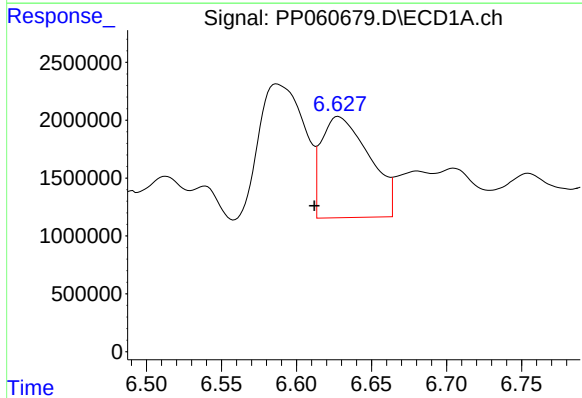
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



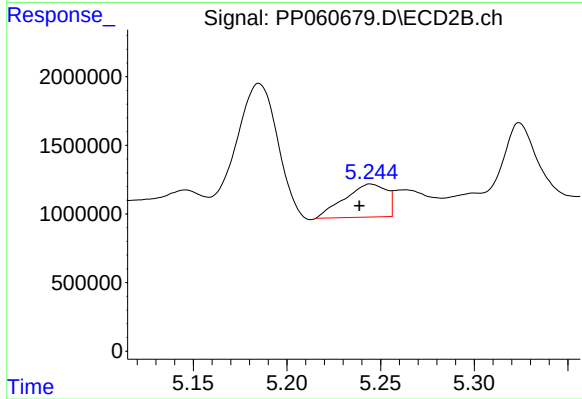
#23 AR-1248-3

R.T.: 5.059 min
Delta R.T.: -0.006 min
Response: 1072966
Conc: 19.32 ng/ml



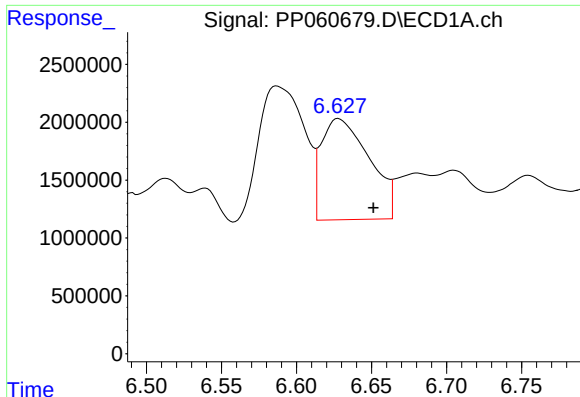
#24 AR-1248-4

R.T.: 6.628 min
Delta R.T.: 0.016 min
Response: 19478519
Conc: 235.52 ng/ml



#24 AR-1248-4

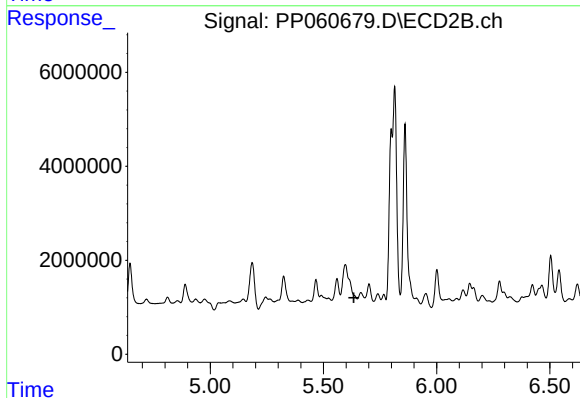
R.T.: 5.244 min
Delta R.T.: 0.006 min
Response: 3755292
Conc: 57.05 ng/ml



#25 AR-1248-5

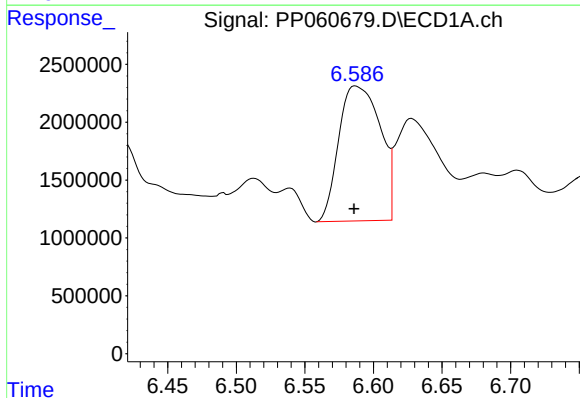
R.T.: 6.628 min
Delta R.T.: -0.023 min
Response: 19478519
Conc: 242.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



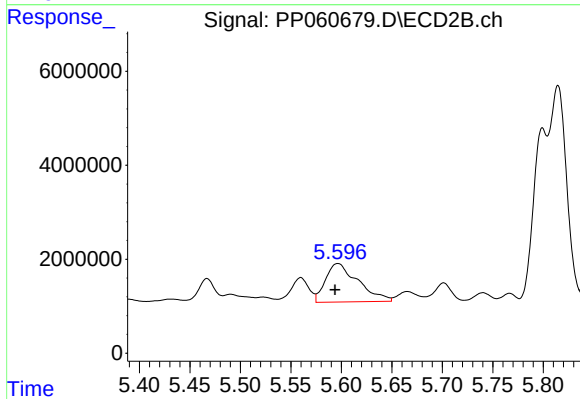
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.635 min
Response: 0
Conc: N.D.



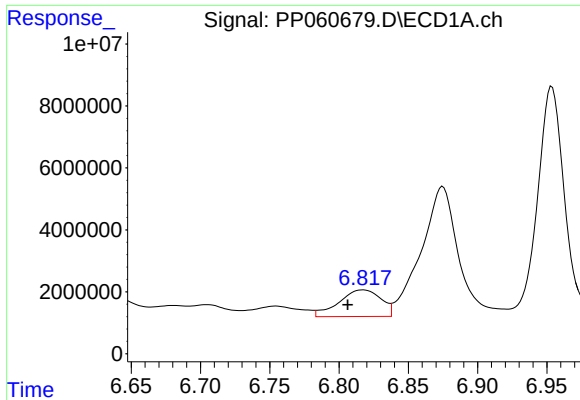
#26 AR-1254-1

R.T.: 6.587 min
Delta R.T.: 0.001 min
Response: 24557946
Conc: 287.76 ng/ml



#26 AR-1254-1

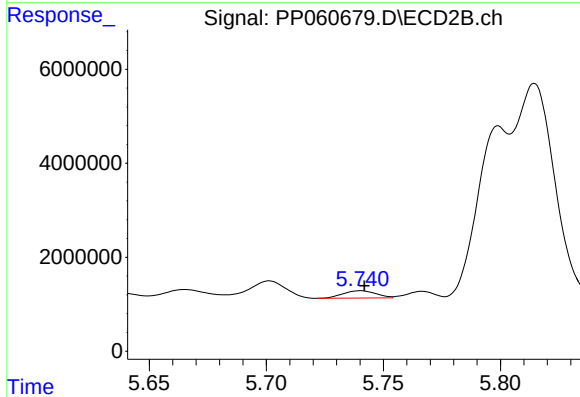
R.T.: 5.597 min
Delta R.T.: 0.003 min
Response: 18406610
Conc: 186.08 ng/ml



#27 AR-1254-2

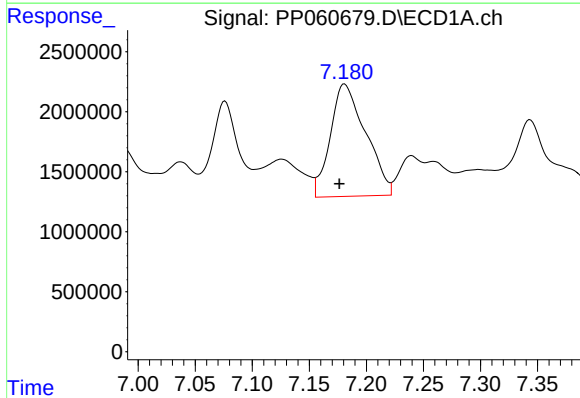
R.T.: 6.817 min
Delta R.T.: 0.011 min
Response: 18195232
Conc: 142.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



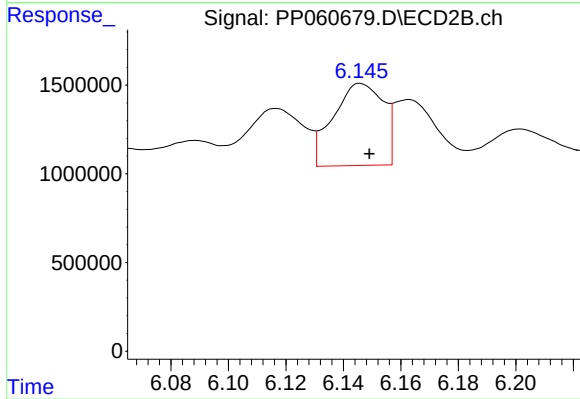
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 1495833
Conc: 17.40 ng/ml



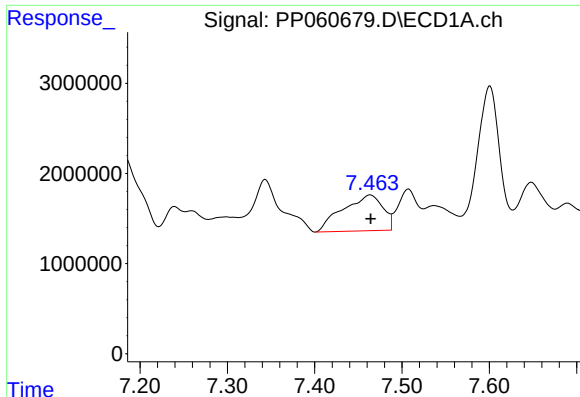
#28 AR-1254-3

R.T.: 7.181 min
Delta R.T.: 0.005 min
Response: 20199115
Conc: 151.97 ng/ml



#28 AR-1254-3

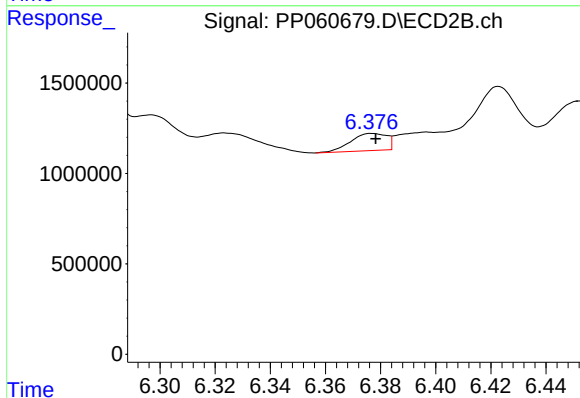
R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 5615678
Conc: 39.18 ng/ml



#29 AR-1254-4

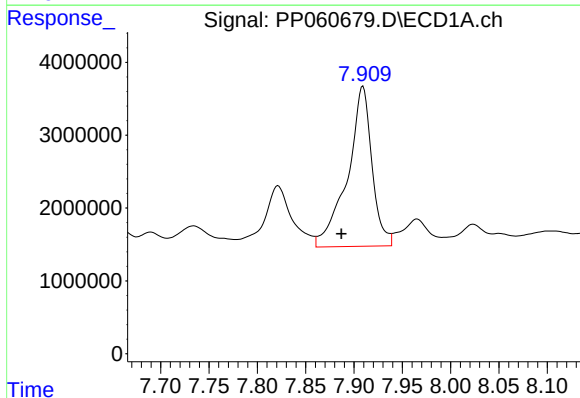
R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 12675214
Conc: 128.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



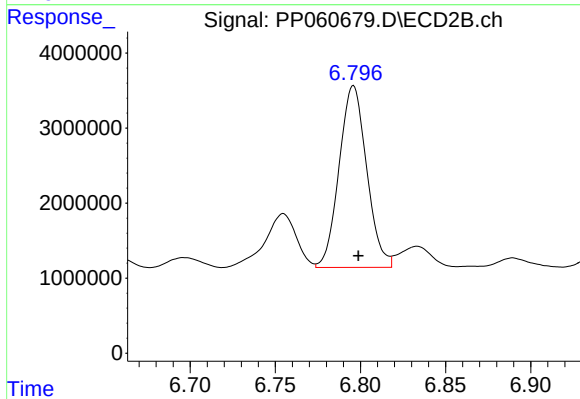
#29 AR-1254-4

R.T.: 6.377 min
Delta R.T.: -0.001 min
Response: 854750
Conc: 9.81 ng/ml



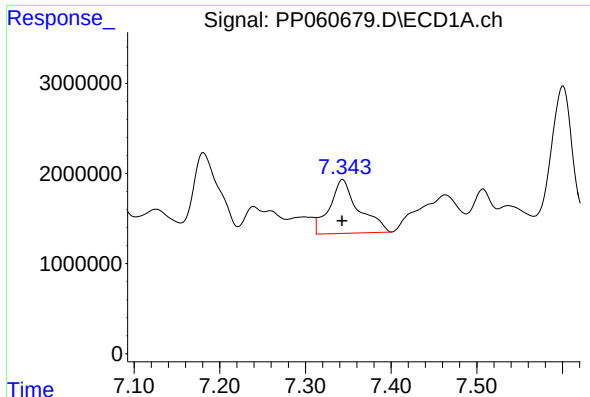
#30 AR-1254-5

R.T.: 7.909 min
Delta R.T.: 0.022 min
Response: 38699522
Conc: 357.19 ng/ml



#30 AR-1254-5

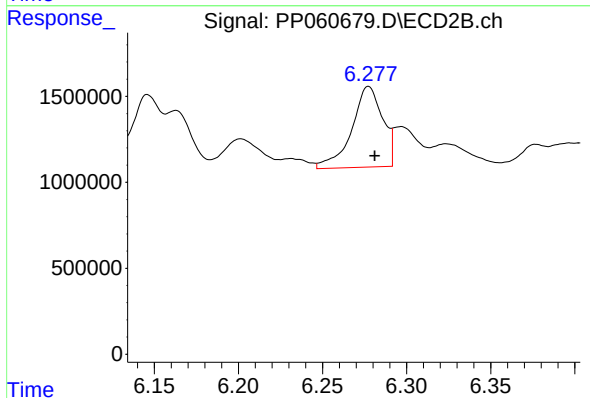
R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 27292949
Conc: 215.38 ng/ml



#31 AR-1260-1

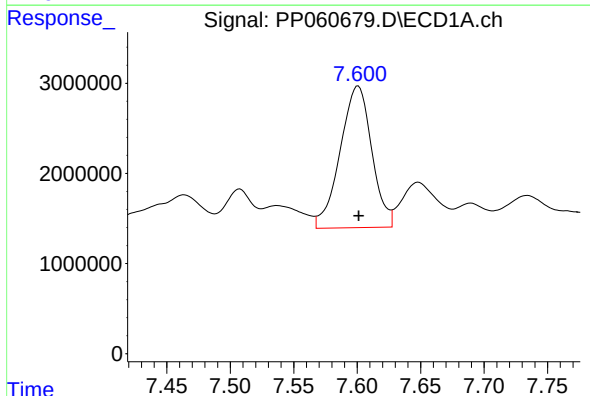
R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 14173524
Conc: 135.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



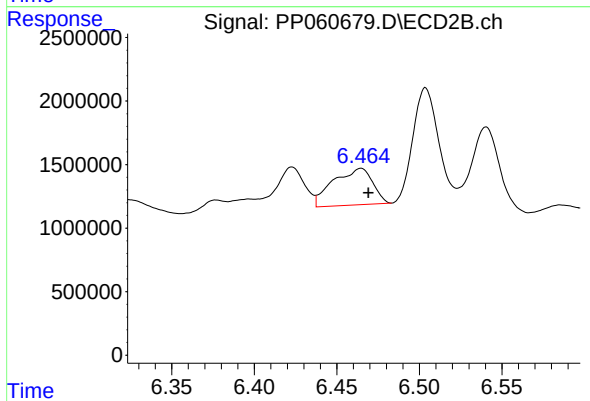
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 6001960
Conc: 59.80 ng/ml



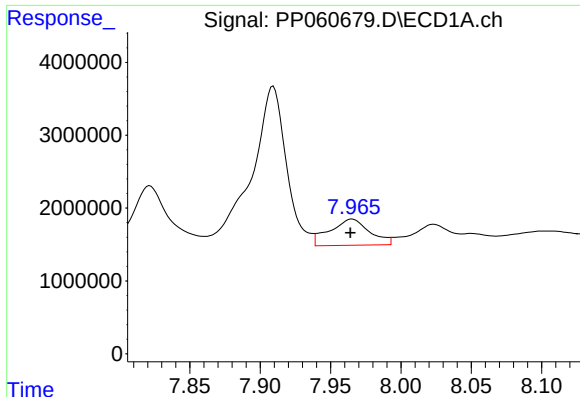
#32 AR-1260-2

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 27256034
Conc: 225.43 ng/ml



#32 AR-1260-2

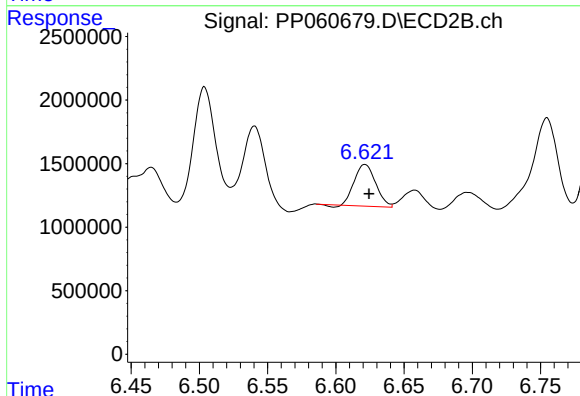
R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 4789703
Conc: 40.15 ng/ml



#33 AR-1260-3

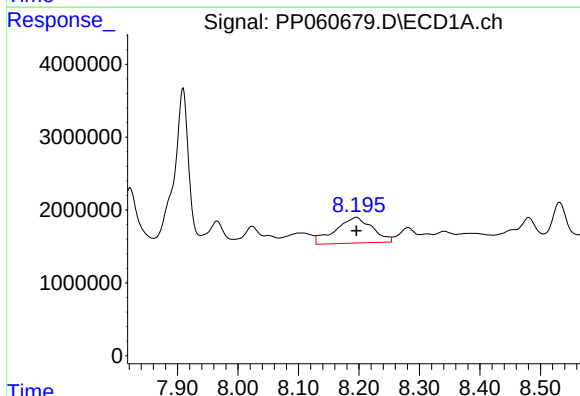
R.T.: 7.965 min
Delta R.T.: 0.001 min
Response: 7087040
Conc: 76.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



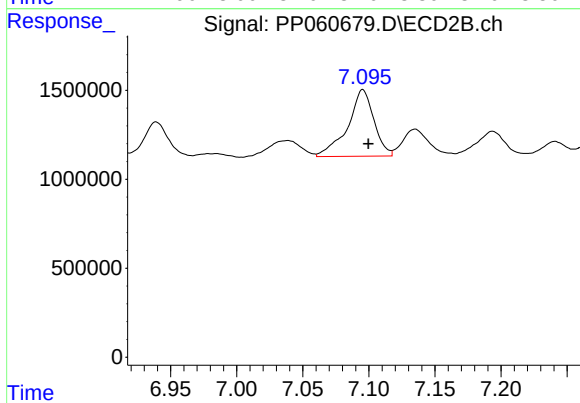
#33 AR-1260-3

R.T.: 6.621 min
Delta R.T.: -0.003 min
Response: 3546646
Conc: 30.98 ng/ml



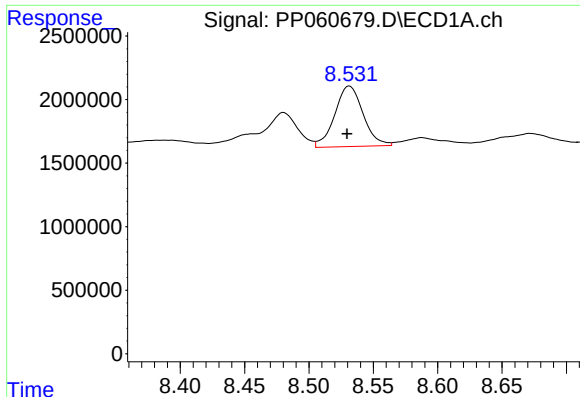
#34 AR-1260-4

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 14952192
Conc: 140.99 ng/ml



#34 AR-1260-4

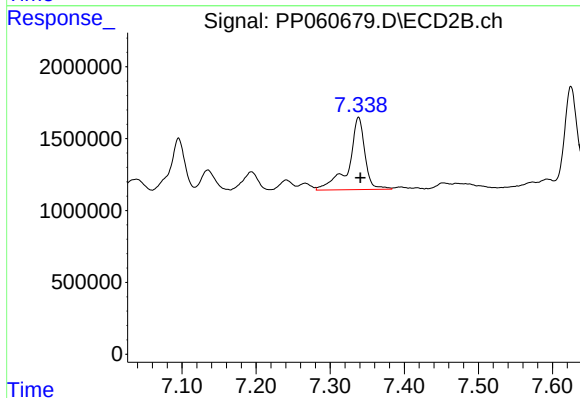
R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 5171816
Conc: 54.34 ng/ml



#35 AR-1260-5

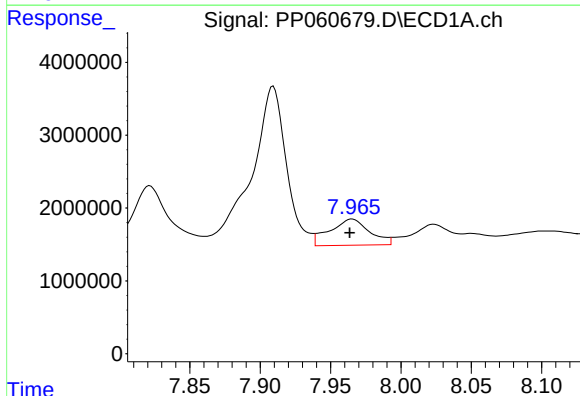
R.T.: 8.532 min
Delta R.T.: 0.002 min
Response: 7295314
Conc: 37.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



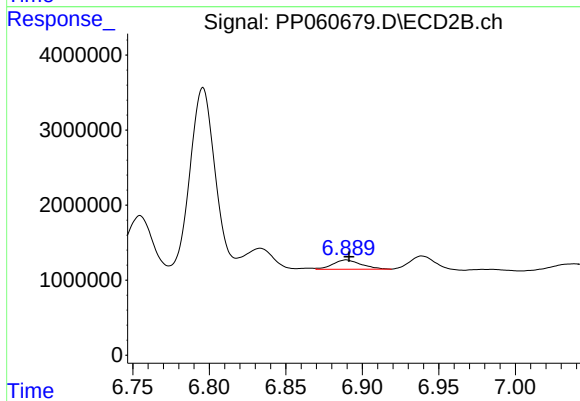
#35 AR-1260-5

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 7608359
Conc: 35.11 ng/ml



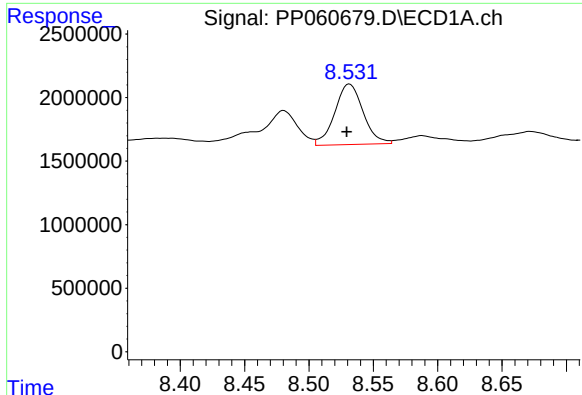
#36 AR-1262-1

R.T.: 7.965 min
Delta R.T.: 0.002 min
Response: 7087040
Conc: 56.82 ng/ml



#36 AR-1262-1

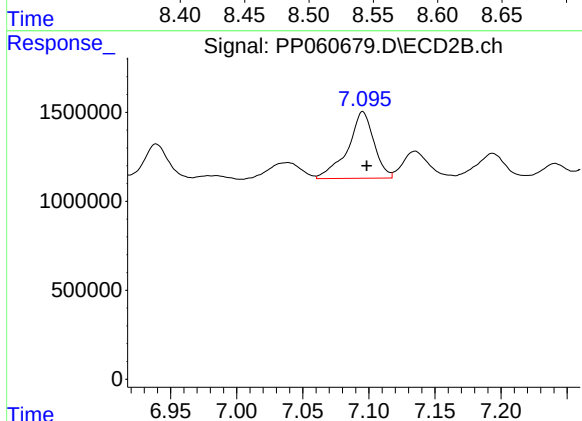
R.T.: 6.889 min
Delta R.T.: -0.002 min
Response: 1585328
Conc: 29.61 ng/ml



#37 AR-1262-2

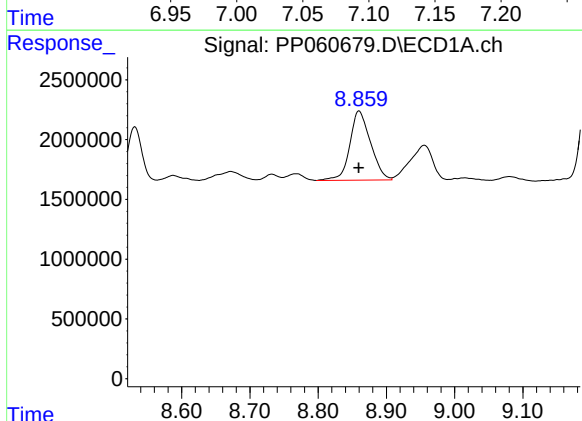
R.T.: 8.532 min
Delta R.T.: 0.002 min
Response: 7295314
Conc: 34.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



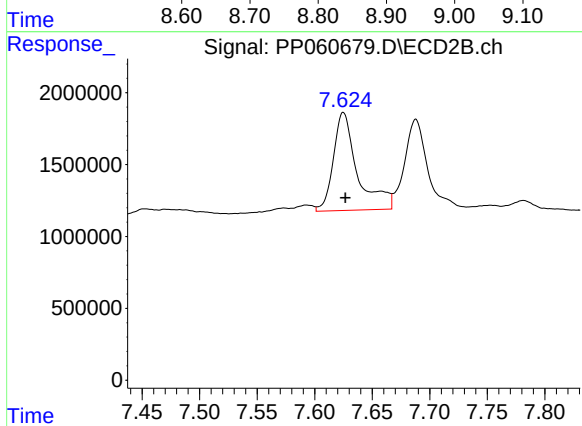
#37 AR-1262-2

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 5171816
Conc: 43.85 ng/ml



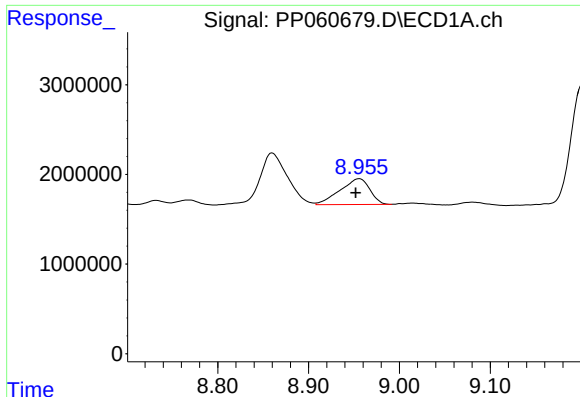
#38 AR-1262-3

R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 12191441
Conc: 80.56 ng/ml



#38 AR-1262-3

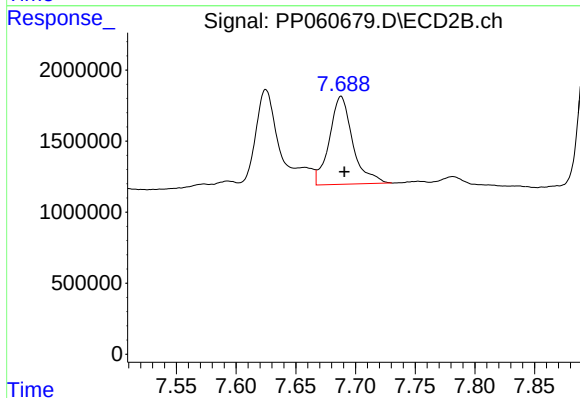
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 9945007
Conc: 107.85 ng/ml



#39 AR-1262-4

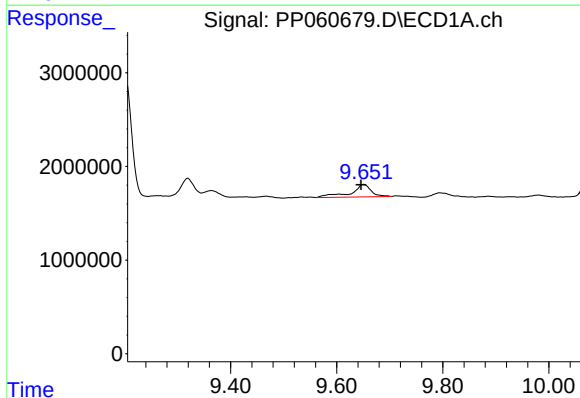
R.T.: 8.956 min
Delta R.T.: 0.004 min
Response: 6526027
Conc: 54.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



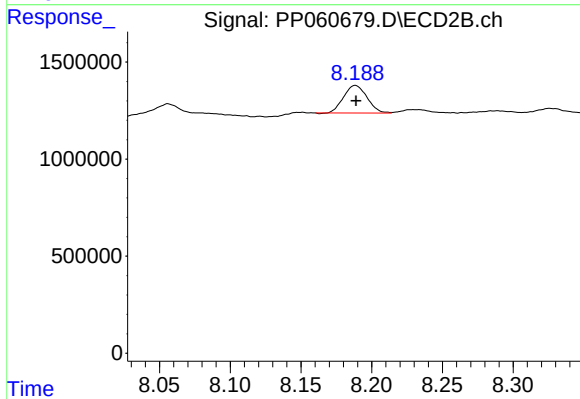
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 8440399
Conc: 50.10 ng/ml



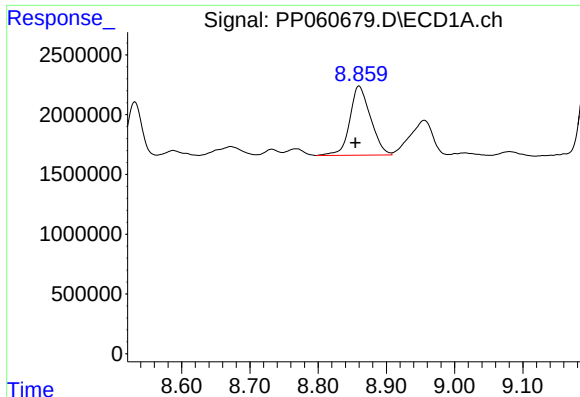
#40 AR-1262-5

R.T.: 9.651 min
Delta R.T.: 0.005 min
Response: 3534962
Conc: 44.15 ng/ml



#40 AR-1262-5

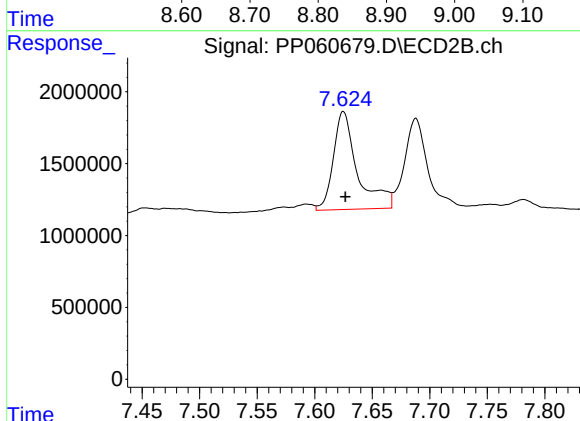
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 1638247
Conc: 21.15 ng/ml



#41 AR-1268-1

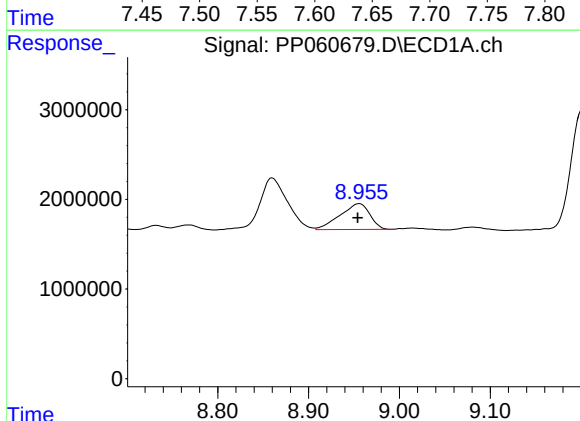
R.T.: 8.860 min
Delta R.T.: 0.006 min
Response: 12191441
Conc: 45.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



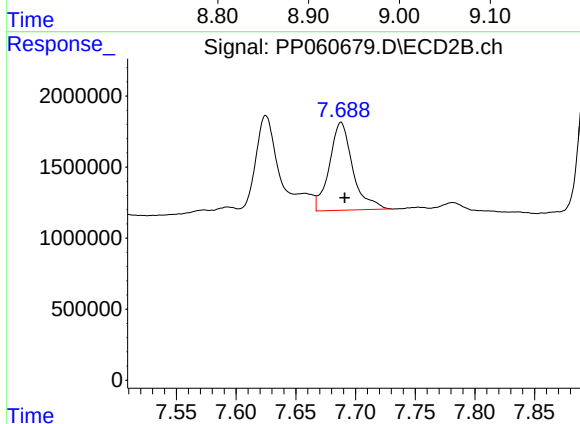
#41 AR-1268-1

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 9945007
Conc: 36.59 ng/ml



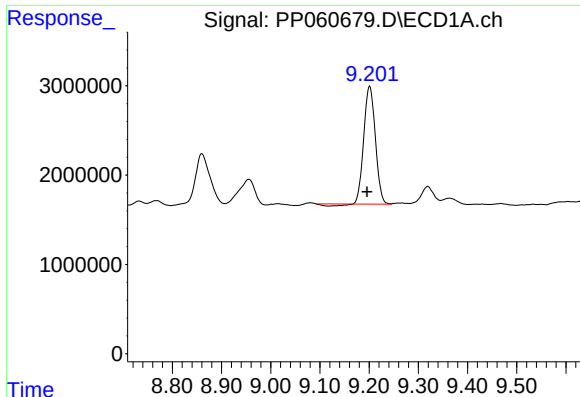
#42 AR-1268-2

R.T.: 8.956 min
Delta R.T.: 0.002 min
Response: 6526027
Conc: 26.78 ng/ml



#42 AR-1268-2

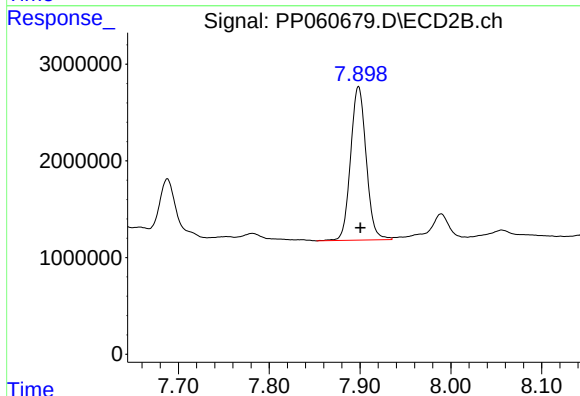
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 8440399
Conc: 34.61 ng/ml



#43 AR-1268-3

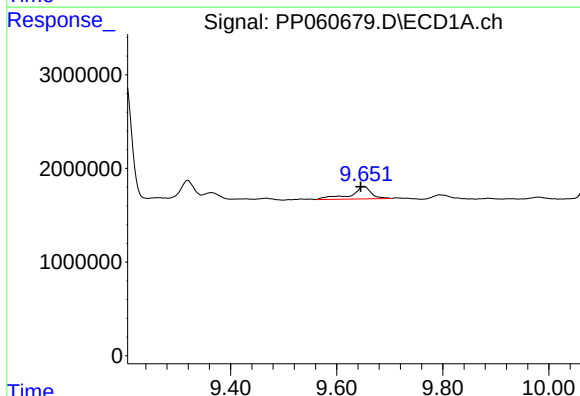
R.T.: 9.201 min
Delta R.T.: 0.005 min
Response: 21205373
Conc: 101.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



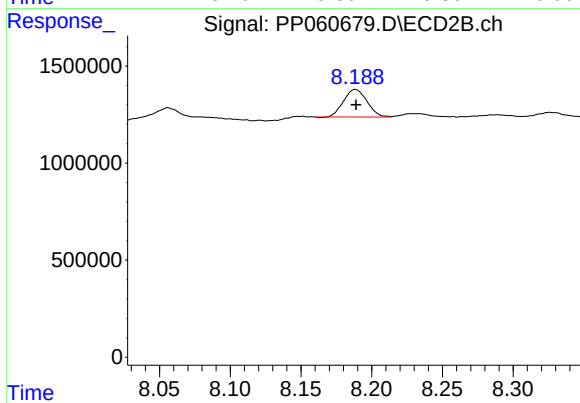
#43 AR-1268-3

R.T.: 7.898 min
Delta R.T.: -0.002 min
Response: 18933227
Conc: 88.52 ng/ml



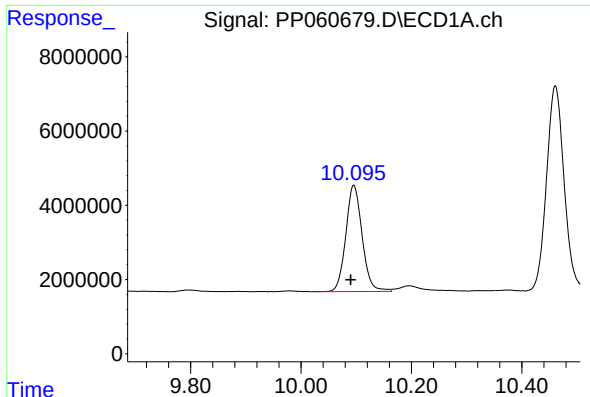
#44 AR-1268-4

R.T.: 9.651 min
Delta R.T.: 0.006 min
Response: 3534962
Conc: 38.26 ng/ml



#44 AR-1268-4

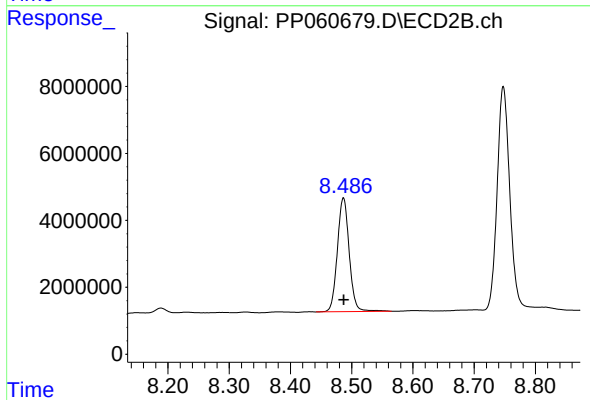
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 1638247
Conc: 18.67 ng/ml



#45 AR-1268-5

R.T.: 10.096 min
Delta R.T.: 0.006 min
Response: 58884041
Conc: 93.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 45678260
Conc: 73.08 ng/ml