

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 10:48
 Operator : YP\AJ
 Sample : 04577-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 00:23:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.508	3.665	40267295	26685648	19.357	16.383
2) SA Decachlor...	10.426	8.730	27841919	34507492	18.253	22.790
Target Compounds						
3) L1 AR-1016-1	5.696	4.763	1840519	1695905	27.277	28.211
4) L1 AR-1016-2	5.721	4.786	4320780	2898302	45.168	34.919
5) L1 AR-1016-3	5.782	4.960	1514533	1510411	25.445	33.670 #
6) L1 AR-1016-4	0.000	5.003	0	1826762	N.D.	51.781 #
7) L1 AR-1016-5	6.182	5.218	3986895	480759	81.087	10.340 #
8) L2 AR-1221-1	4.719	3.892	19994249	45685	752.140	2.080 #
9) L2 AR-1221-2	4.820	3.965	492369	1388959	25.015	89.965 #
10) L2 AR-1221-3	4.897	4.063	565767	5796	9.905	0.124 #
11) L3 AR-1232-1	4.897	4.045	565767	185493	12.127	4.880 #
12) L3 AR-1232-2	5.423	4.786	4294371	2898302	169.078	78.602 #
13) L3 AR-1232-3	5.721	4.960	4320780	1510411	100.010	75.432
14) L3 AR-1232-4	0.000	5.046	0	1022518	N.D.	55.978 #
15) L3 AR-1232-5	5.975	5.218	1982311	480759	108.055	23.979 #
16) L4 AR-1242-1	5.696	4.763	1840519	1695905	30.816	32.204
17) L4 AR-1242-2	5.721	4.786	4320780	2898302	51.415	40.223
18) L4 AR-1242-3	5.782	4.960	1514533	1510411	28.958	38.596 #
19) L4 AR-1242-4	0.000	5.046	0	1022518	N.D.	26.092 #
20) L4 AR-1242-5	6.632	5.576	6398156	11714721	139.944	242.140 #
21) L5 AR-1248-1	5.696	4.763	1840519	1695905	41.178	43.404
22) L5 AR-1248-2	5.975	5.003	1982311	1826762	30.608	33.714
23) L5 AR-1248-3	6.182	5.046	3986895	1022518	56.294	17.971 #
24) L5 AR-1248-4	6.603	5.218	17869570	480759	231.040	7.158 #
25) L5 AR-1248-5	6.632	5.613	6398156	2672240	85.036	40.511 #
26) L6 AR-1254-1	6.559	5.576	19706463	11714721	246.836	116.731 #
27) L6 AR-1254-2	6.786	5.723	16017470	6420736	133.733	73.906 #
28) L6 AR-1254-3	7.157	6.147	24235990	10209091	199.505	72.714 #
29) L6 AR-1254-4	7.443	6.360	8768195	4823992	98.596	57.309 #
30) L6 AR-1254-5	7.886	6.781	272.5E6	259.6E6	2801.226	2188.551
31) L7 AR-1260-1	7.321	6.262	15987876	20807129	177.370	223.453 #
32) L7 AR-1260-2	7.574	6.453	53785990	20202706	524.292	184.269 #
33) L7 AR-1260-3	7.942	6.605	12147994	15352411	154.244	149.263
34) L7 AR-1260-4	8.171	7.081	21999366	11603174	245.473	139.321 #
35) L7 AR-1260-5	8.508	7.323	16186440	28287703	94.846	147.023 #
36) L8 AR-1262-1	7.942	6.872f	12147994	8242443	104.965	163.301 #
37) L8 AR-1262-2	8.508	7.081f	16186440	11603174	80.855	102.706 #
38) L8 AR-1262-3	8.846	7.611	17769284	8255232	123.397	94.180
39) L8 AR-1262-4	8.927	7.673f	10200598	21533899	89.829	131.862 #
40) L8 AR-1262-5	9.622	8.173f	5451957	4183486	73.080	56.046
41) L9 AR-1268-1	8.846	7.611	17769284	8255232	70.862	31.708 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
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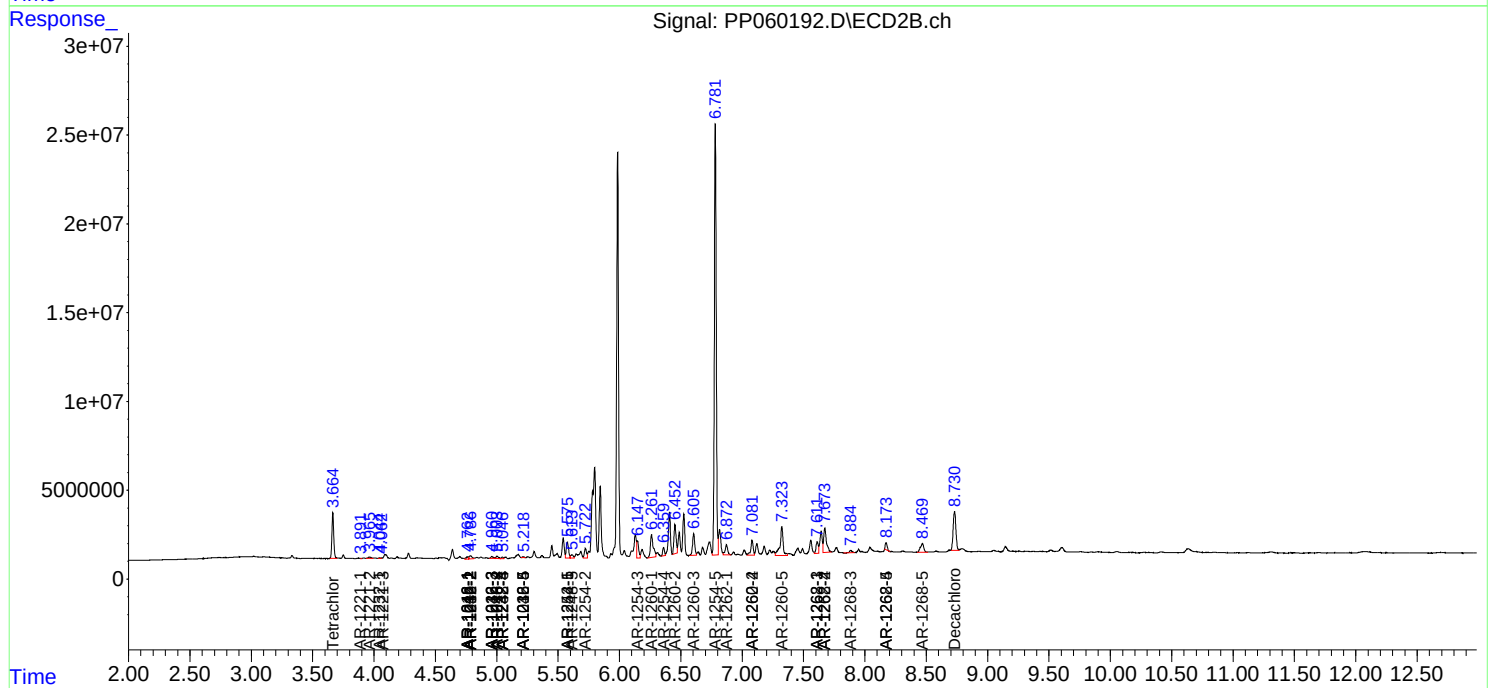
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

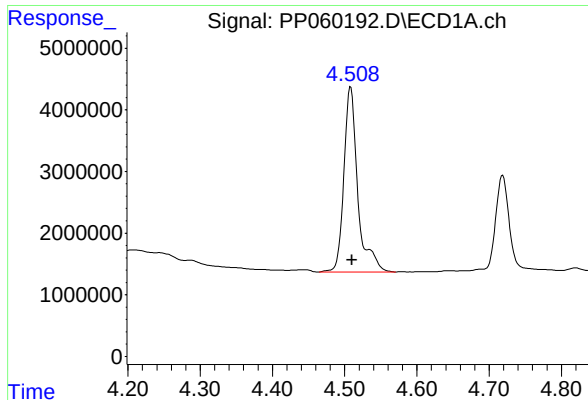
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.927	7.673f	10200598	21533899	44.447	93.144 #
43) L9	AR-1268-3	9.173	7.885f	997626	1940519	5.056	9.505 #
44) L9	AR-1268-4	9.622	8.173f	5451957	4183486	65.824	51.811
45) L9	AR-1268-5	10.063	8.469f	6422797	9343805	10.612	14.793 #

(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

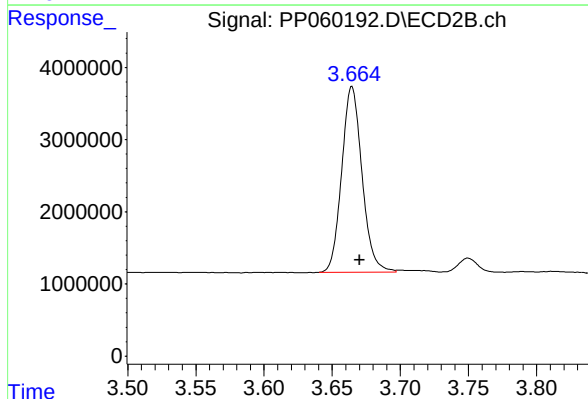




#1 Tetrachloro-m-xylene

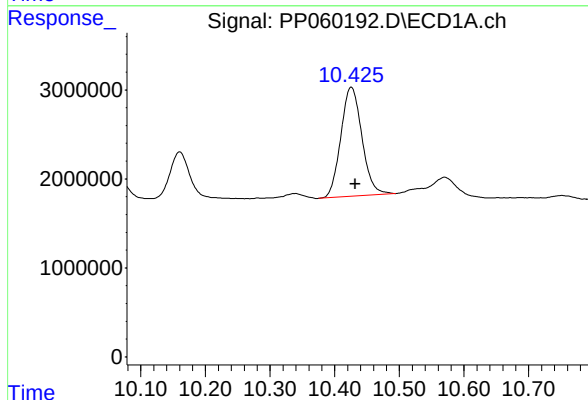
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 40267295
Conc: 19.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



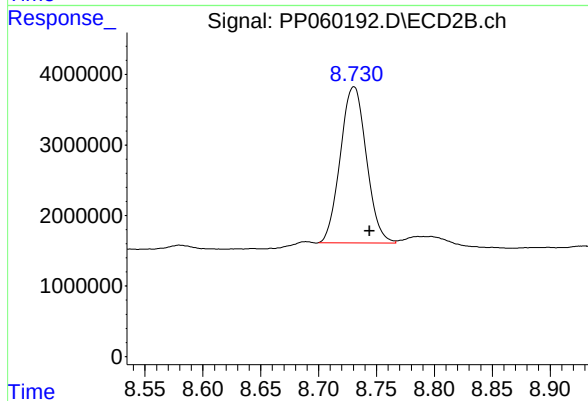
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.006 min
Response: 26685648
Conc: 16.38 ng/ml



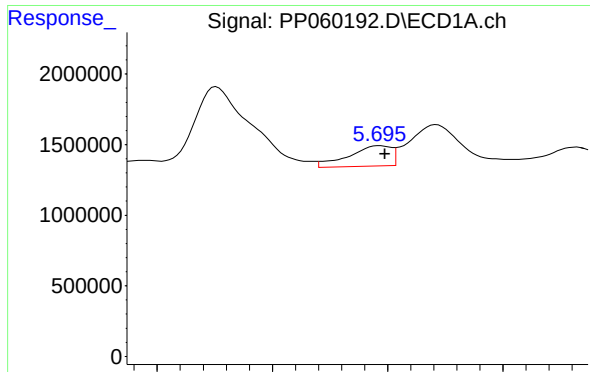
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.006 min
Response: 27841919
Conc: 18.25 ng/ml



#2 Decachlorobiphenyl

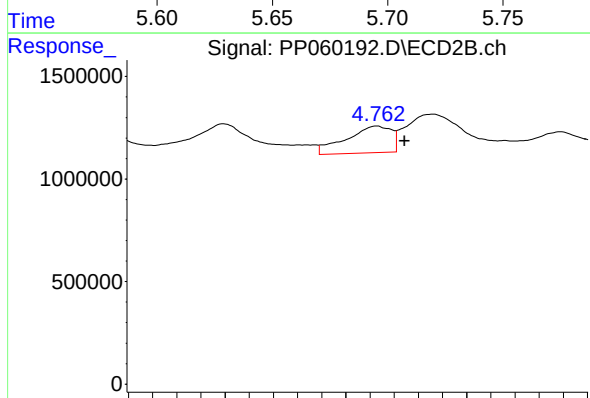
R.T.: 8.730 min
Delta R.T.: -0.014 min
Response: 34507492
Conc: 22.79 ng/ml



#3 AR-1016-1

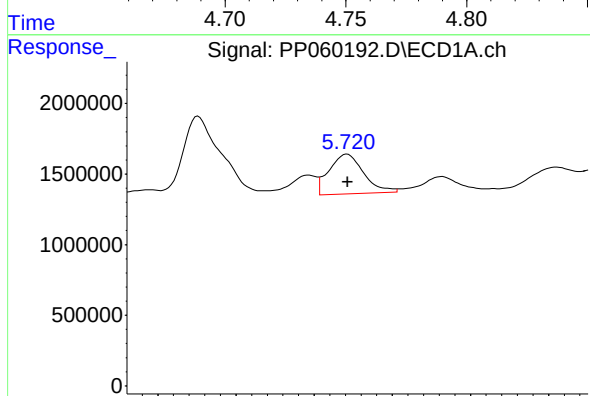
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 1840519
Conc: 27.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



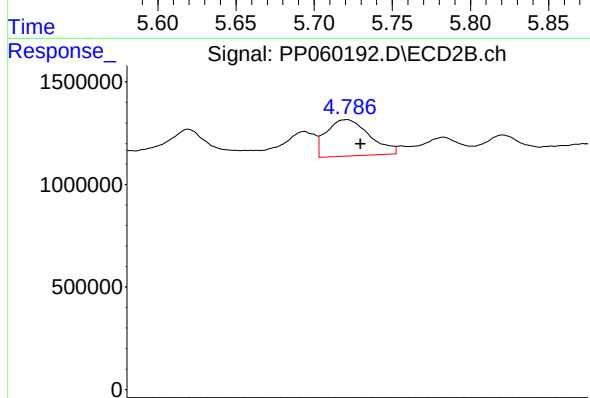
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.011 min
Response: 1695905
Conc: 28.21 ng/ml



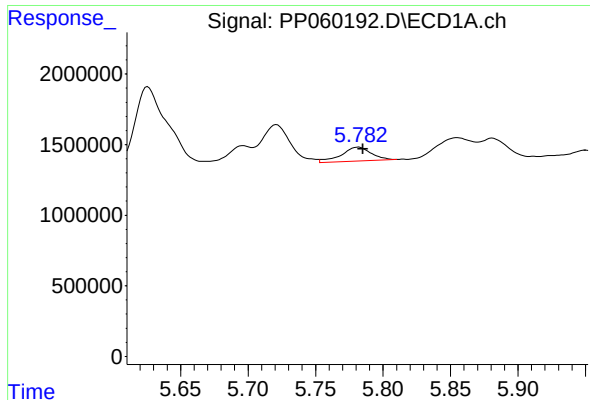
#4 AR-1016-2

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 4320780
Conc: 45.17 ng/ml



#4 AR-1016-2

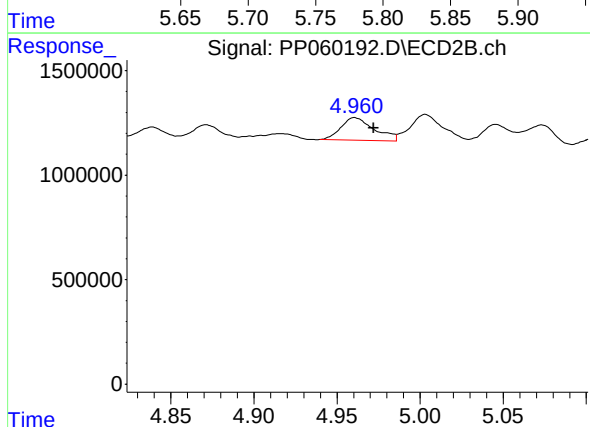
R.T.: 4.786 min
Delta R.T.: -0.007 min
Response: 2898302
Conc: 34.92 ng/ml



#5 AR-1016-3

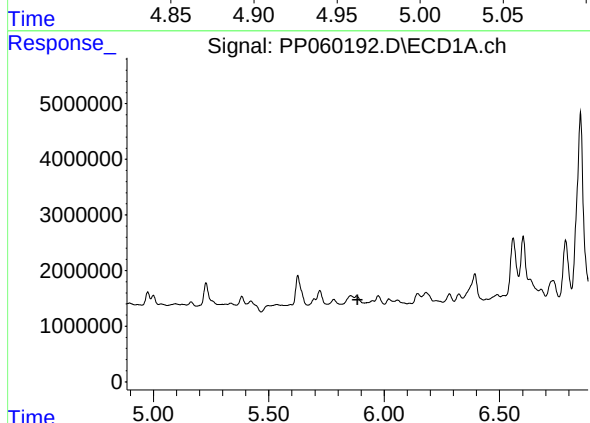
R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 1514533
Conc: 25.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



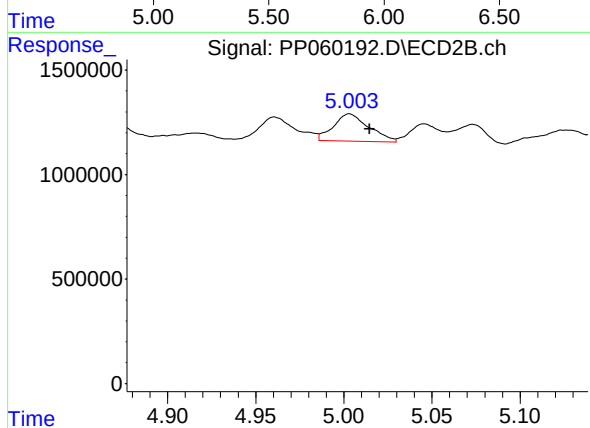
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: -0.012 min
Response: 1510411
Conc: 33.67 ng/ml



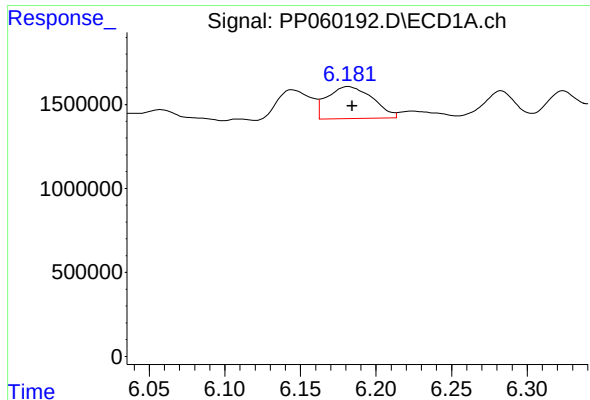
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

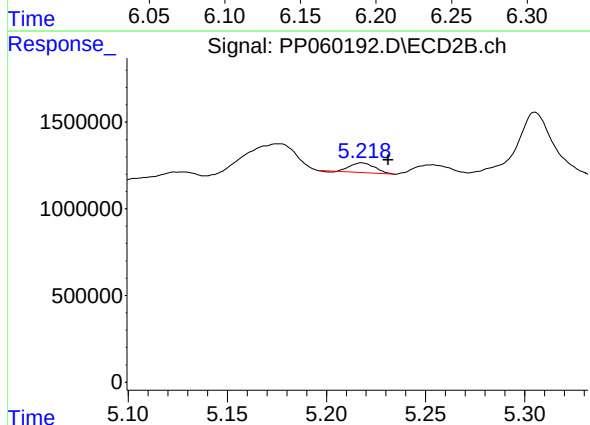
R.T.: 5.003 min
Delta R.T.: -0.011 min
Response: 1826762
Conc: 51.78 ng/ml



#7 AR-1016-5

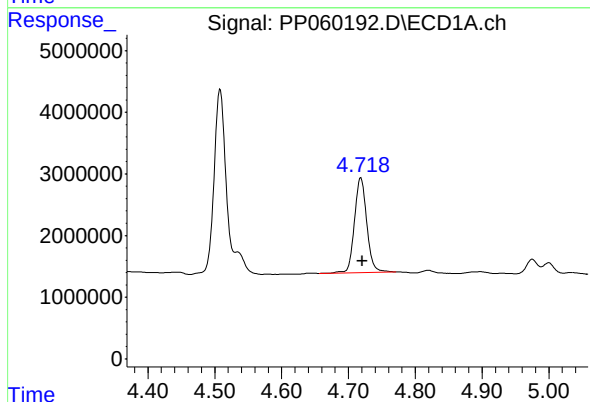
R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 3986895
Conc: 81.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



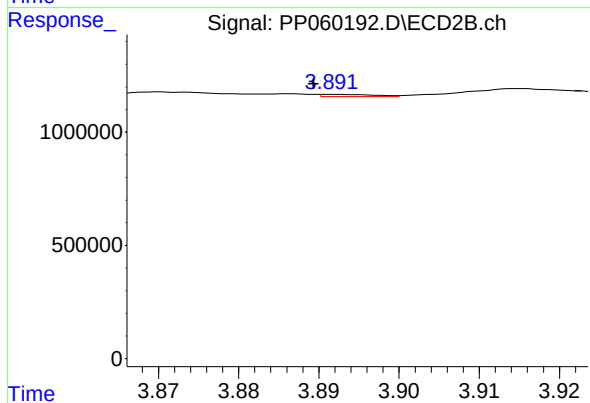
#7 AR-1016-5

R.T.: 5.218 min
Delta R.T.: -0.013 min
Response: 480759
Conc: 10.34 ng/ml



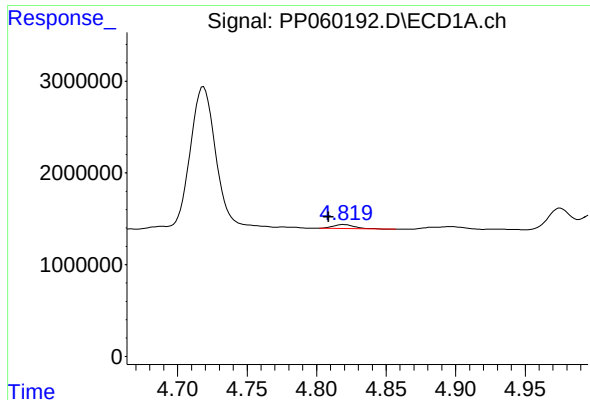
#8 AR-1221-1

R.T.: 4.719 min
Delta R.T.: -0.002 min
Response: 19994249
Conc: 752.14 ng/ml



#8 AR-1221-1

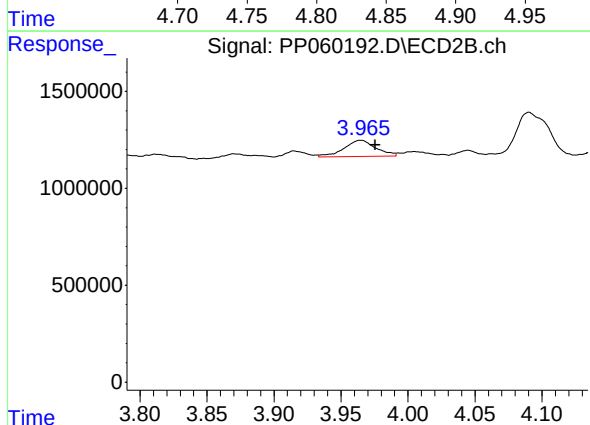
R.T.: 3.892 min
Delta R.T.: 0.002 min
Response: 45685
Conc: 2.08 ng/ml



#9 AR-1221-2

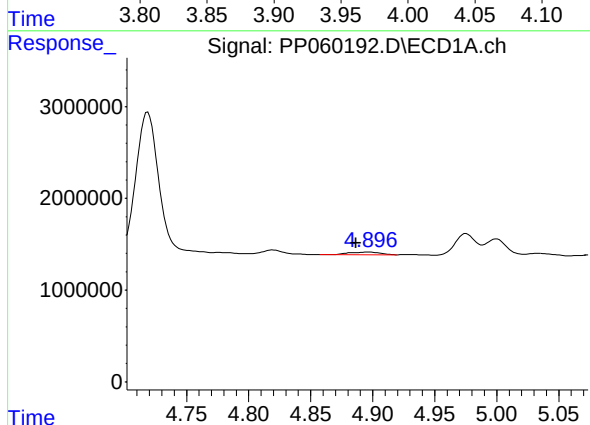
R.T.: 4.820 min
Delta R.T.: 0.011 min
Response: 492369
Conc: 25.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



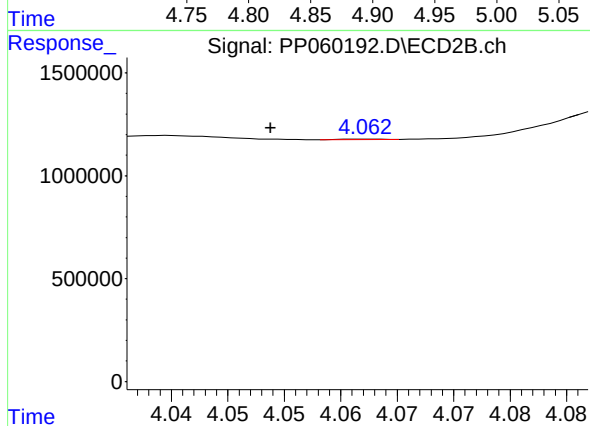
#9 AR-1221-2

R.T.: 3.965 min
Delta R.T.: -0.010 min
Response: 1388959
Conc: 89.96 ng/ml



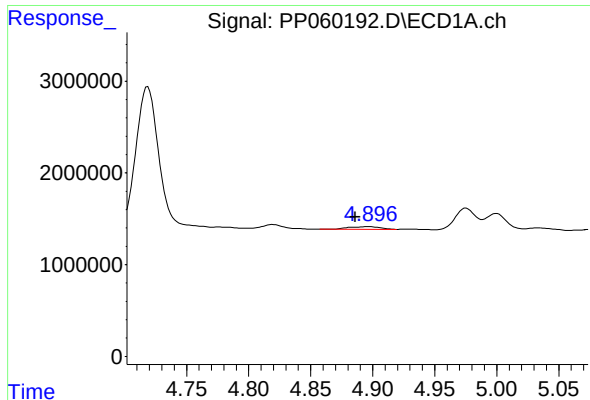
#10 AR-1221-3

R.T.: 4.897 min
Delta R.T.: 0.011 min
Response: 565767
Conc: 9.91 ng/ml



#10 AR-1221-3

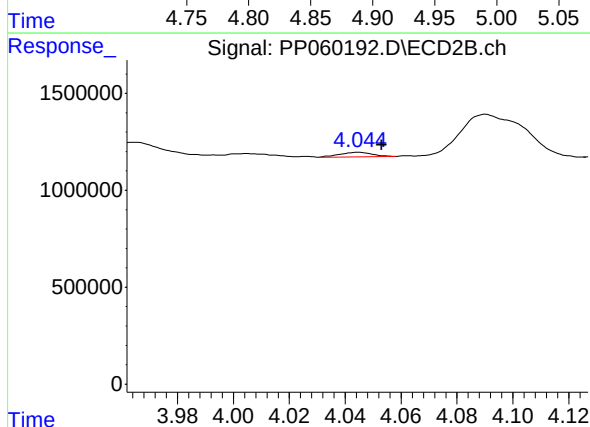
R.T.: 4.063 min
Delta R.T.: 0.009 min
Response: 5796
Conc: 0.12 ng/ml



#11 AR-1232-1

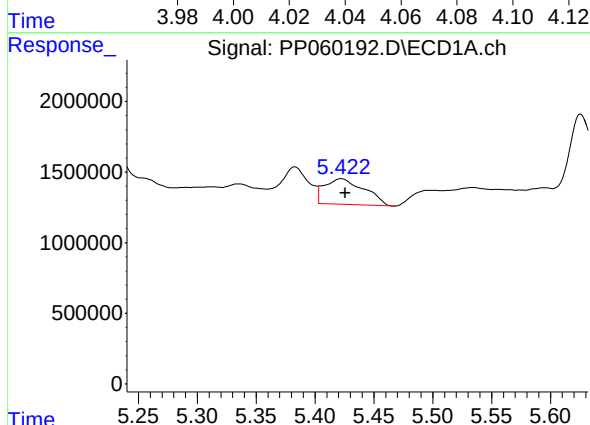
R.T.: 4.897 min
Delta R.T.: 0.011 min
Response: 565767
Conc: 12.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



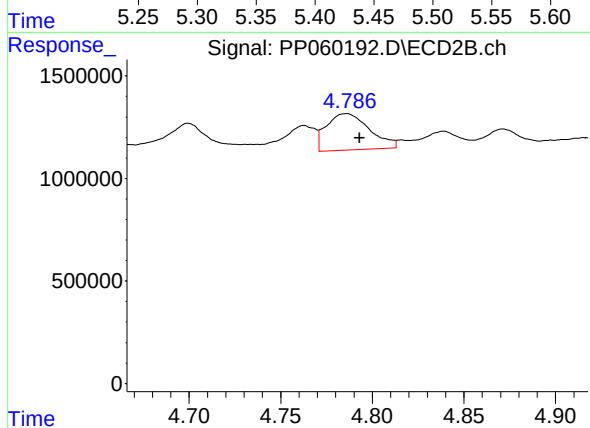
#11 AR-1232-1

R.T.: 4.045 min
Delta R.T.: -0.008 min
Response: 185493
Conc: 4.88 ng/ml



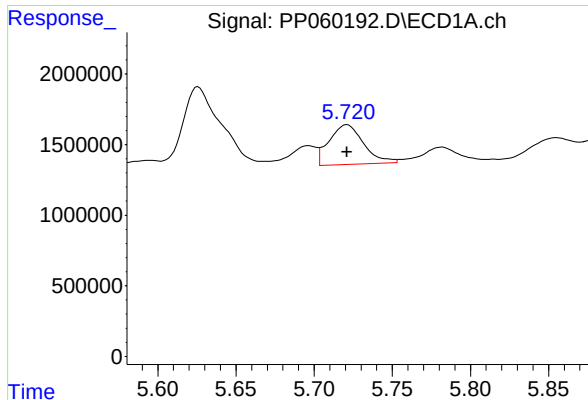
#12 AR-1232-2

R.T.: 5.423 min
Delta R.T.: -0.003 min
Response: 4294371
Conc: 169.08 ng/ml



#12 AR-1232-2

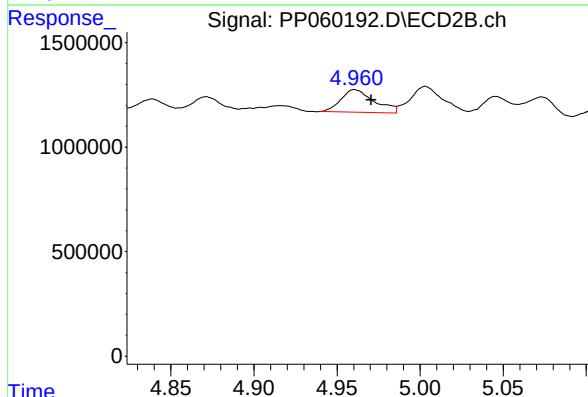
R.T.: 4.786 min
Delta R.T.: -0.007 min
Response: 2898302
Conc: 78.60 ng/ml



#13 AR-1232-3

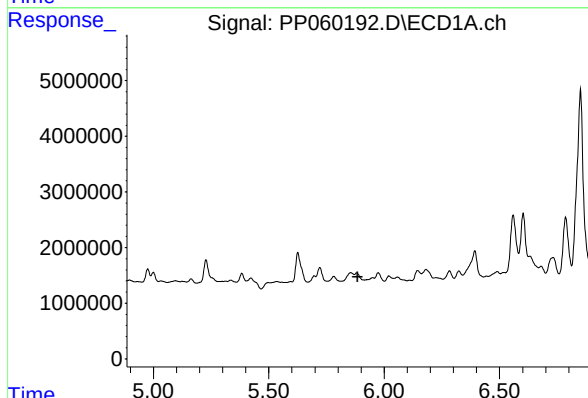
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 4320780
Conc: 100.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



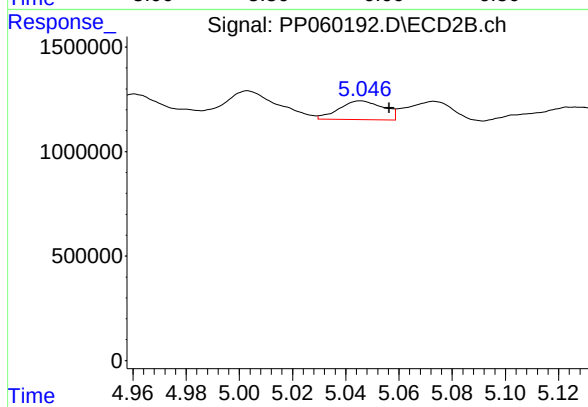
#13 AR-1232-3

R.T.: 4.960 min
Delta R.T.: -0.010 min
Response: 1510411
Conc: 75.43 ng/ml



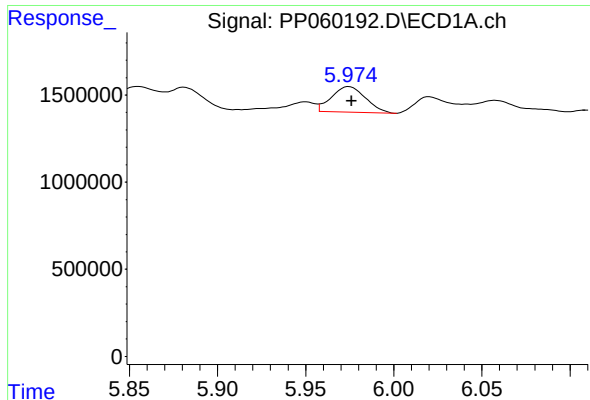
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

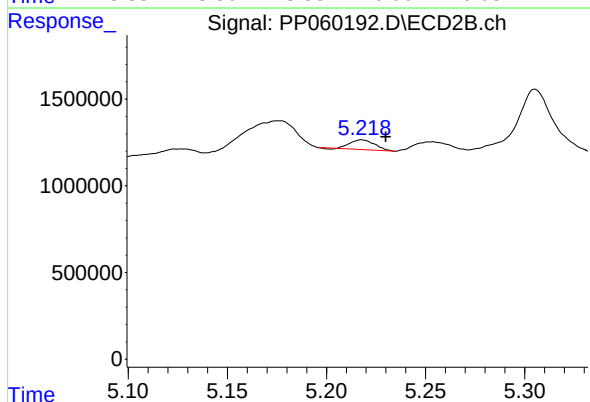
R.T.: 5.046 min
Delta R.T.: -0.010 min
Response: 1022518
Conc: 55.98 ng/ml



#15 AR-1232-5

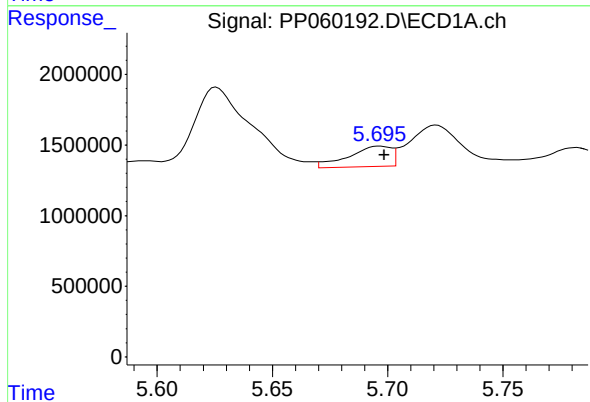
R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 1982311
Conc: 108.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



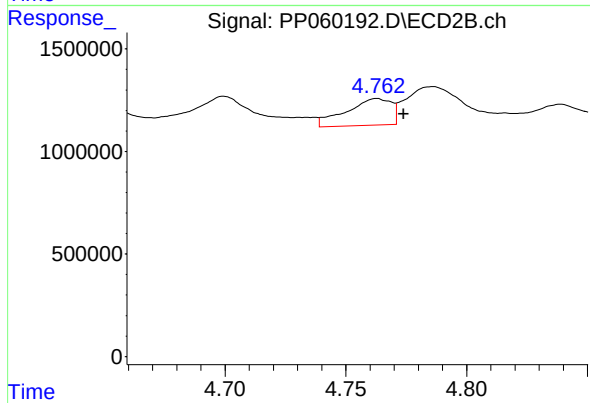
#15 AR-1232-5

R.T.: 5.218 min
Delta R.T.: -0.012 min
Response: 480759
Conc: 23.98 ng/ml



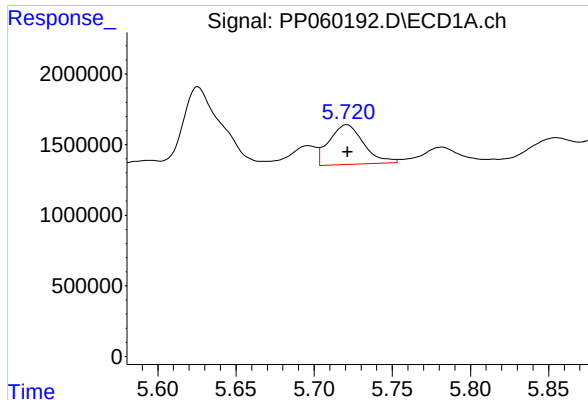
#16 AR-1242-1

R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 1840519
Conc: 30.82 ng/ml



#16 AR-1242-1

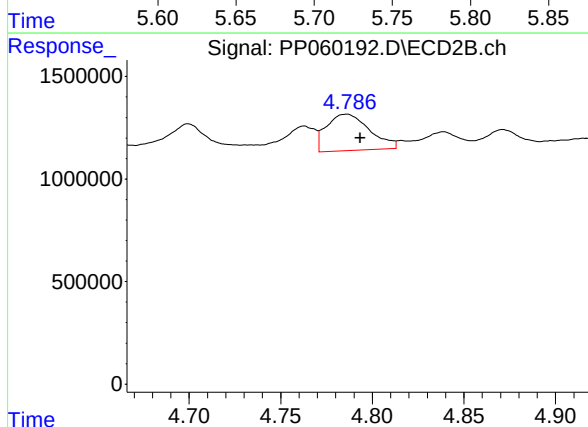
R.T.: 4.763 min
Delta R.T.: -0.011 min
Response: 1695905
Conc: 32.20 ng/ml



#17 AR-1242-2

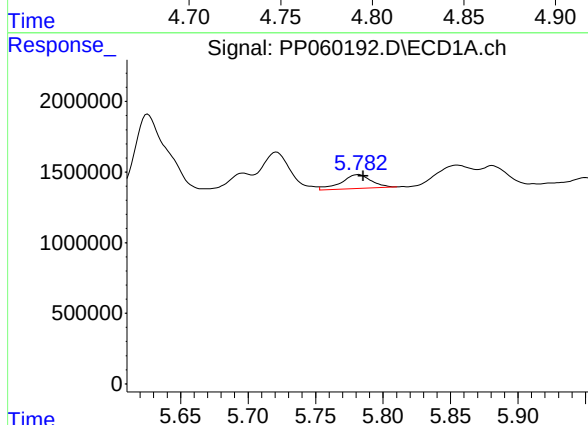
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 4320780
Conc: 51.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



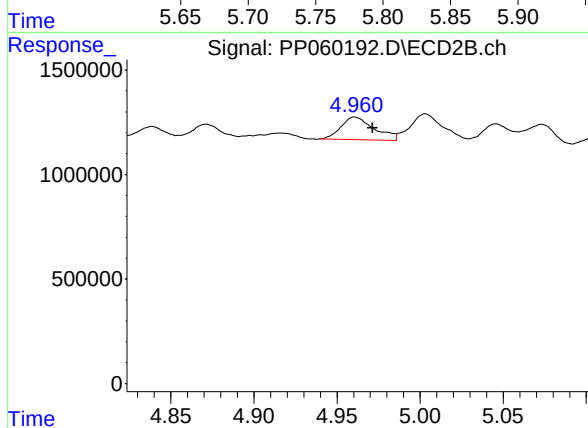
#17 AR-1242-2

R.T.: 4.786 min
Delta R.T.: -0.007 min
Response: 2898302
Conc: 40.22 ng/ml



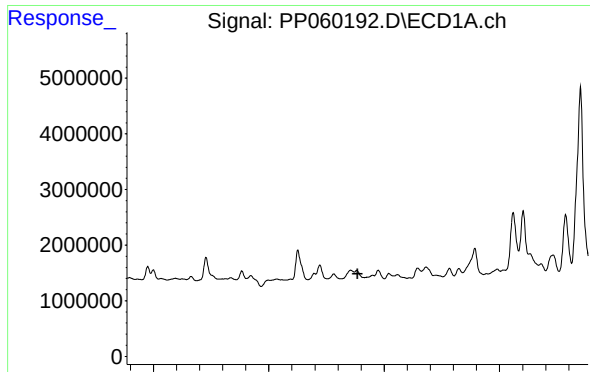
#18 AR-1242-3

R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 1514533
Conc: 28.96 ng/ml



#18 AR-1242-3

R.T.: 4.960 min
Delta R.T.: -0.011 min
Response: 1510411
Conc: 38.60 ng/ml

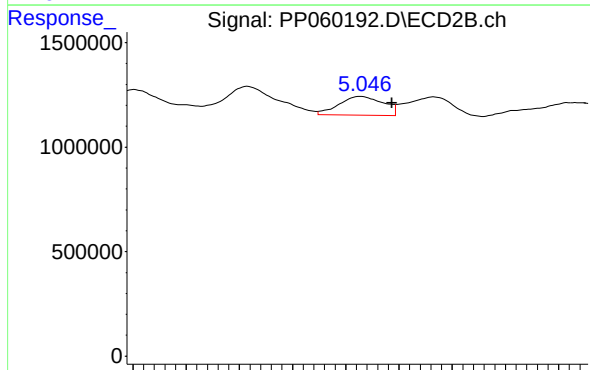


#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :

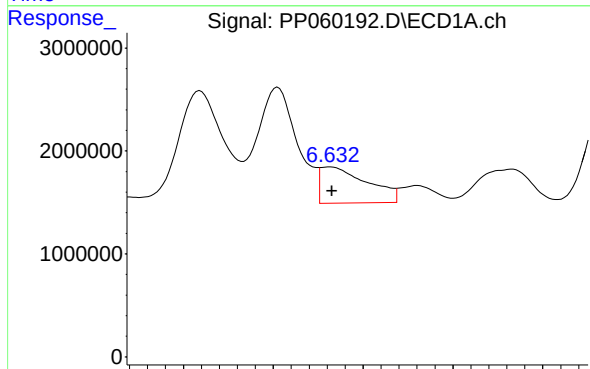
Time



#19 AR-1242-4

R.T.: 5.046 min
Delta R.T.: -0.011 min
Response: 1022518
Conc: 26.09 ng/ml

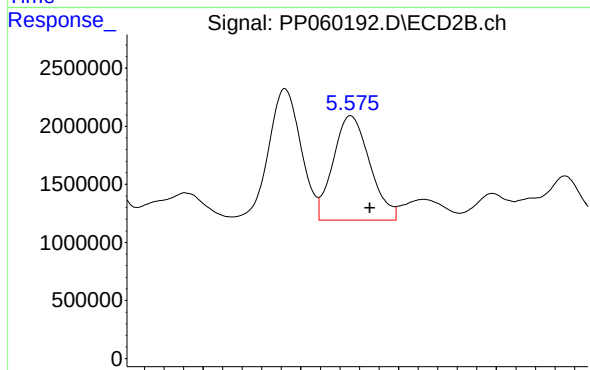
Time



#20 AR-1242-5

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 6398156
Conc: 139.94 ng/ml

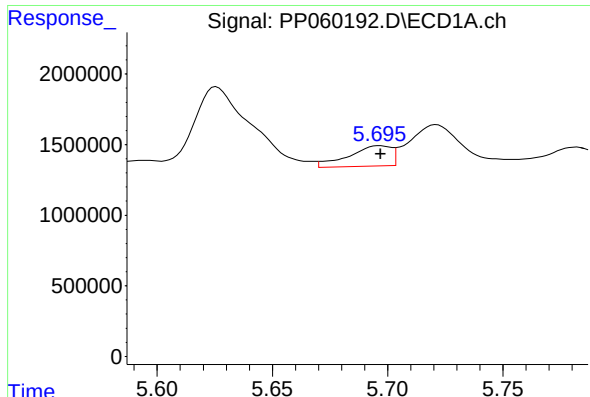
Time



#20 AR-1242-5

R.T.: 5.576 min
Delta R.T.: -0.010 min
Response: 11714721
Conc: 242.14 ng/ml

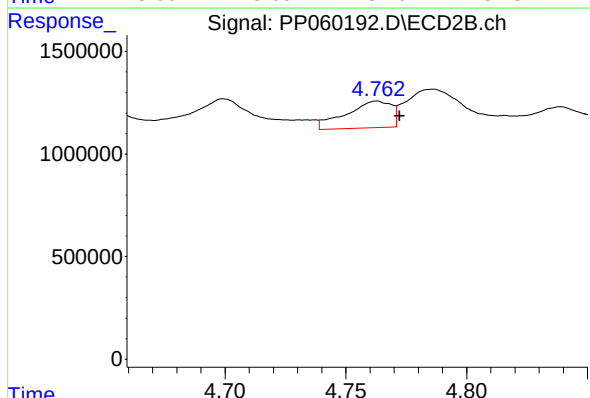
Time



#21 AR-1248-1

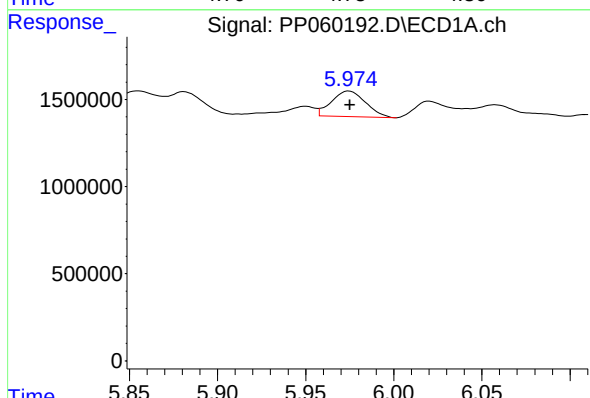
R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 1840519
Conc: 41.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



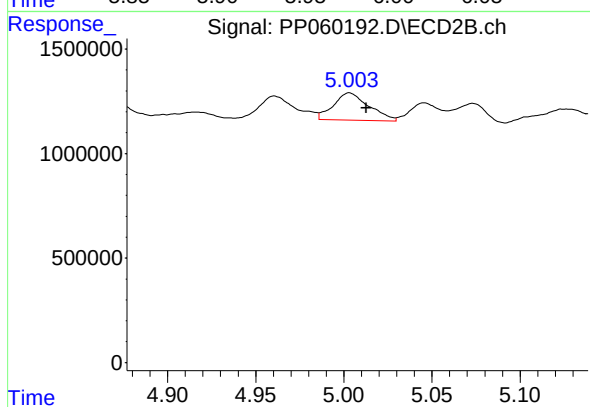
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.009 min
Response: 1695905
Conc: 43.40 ng/ml



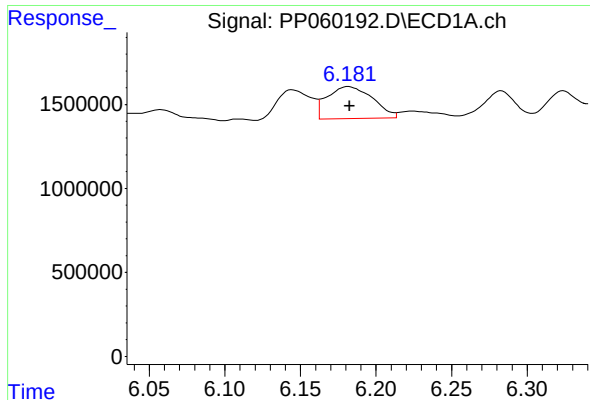
#22 AR-1248-2

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 1982311
Conc: 30.61 ng/ml



#22 AR-1248-2

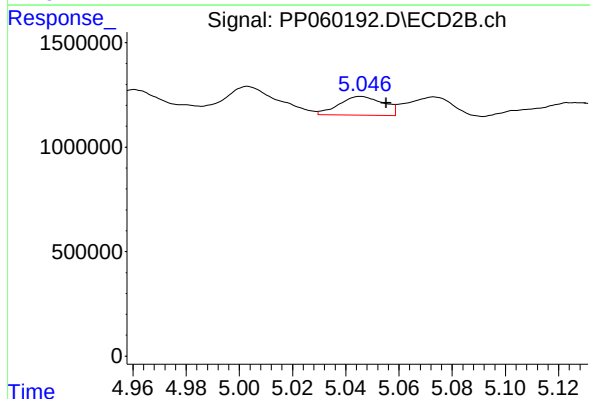
R.T.: 5.003 min
Delta R.T.: -0.010 min
Response: 1826762
Conc: 33.71 ng/ml



#23 AR-1248-3

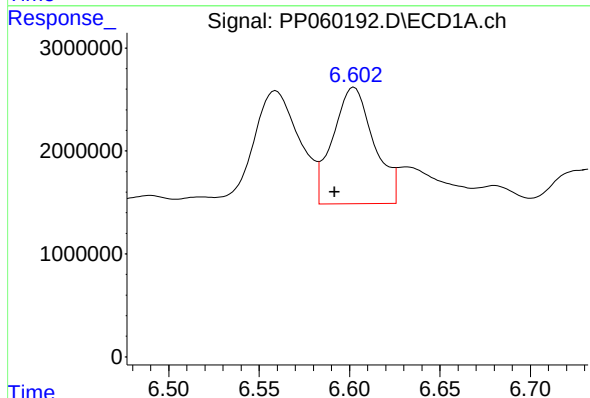
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 3986895
Conc: 56.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



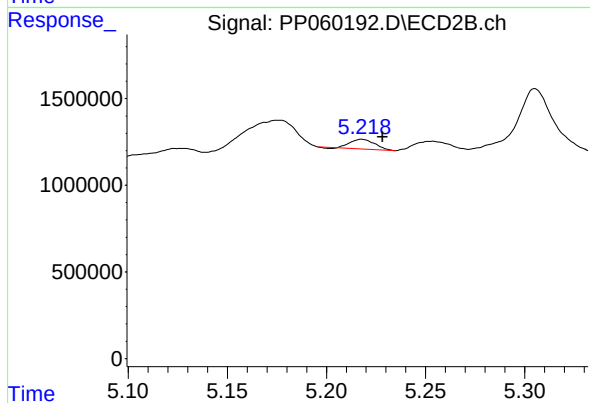
#23 AR-1248-3

R.T.: 5.046 min
Delta R.T.: -0.009 min
Response: 1022518
Conc: 17.97 ng/ml



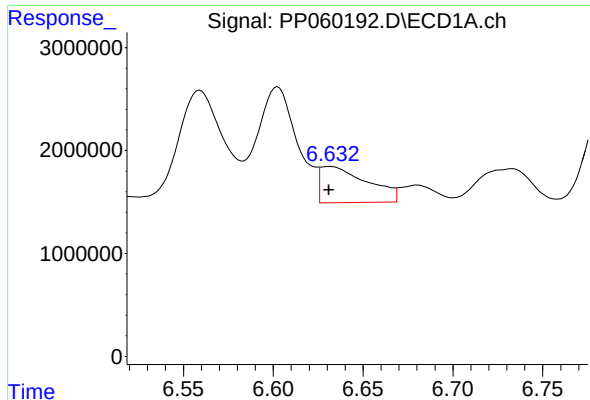
#24 AR-1248-4

R.T.: 6.603 min
Delta R.T.: 0.011 min
Response: 17869570
Conc: 231.04 ng/ml



#24 AR-1248-4

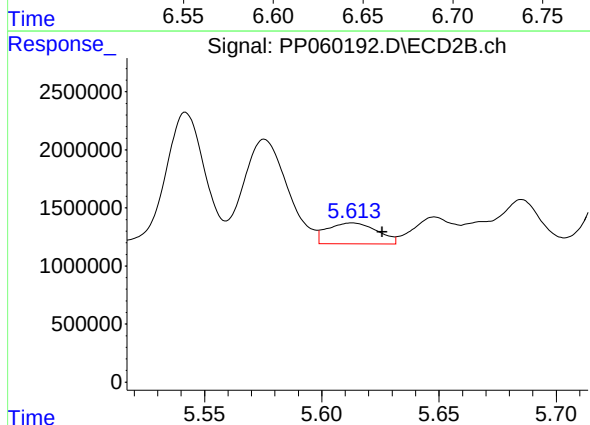
R.T.: 5.218 min
Delta R.T.: -0.011 min
Response: 480759
Conc: 7.16 ng/ml



#25 AR-1248-5

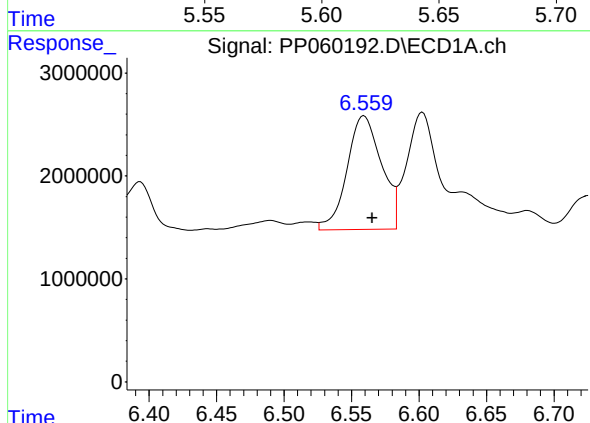
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 6398156
Conc: 85.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



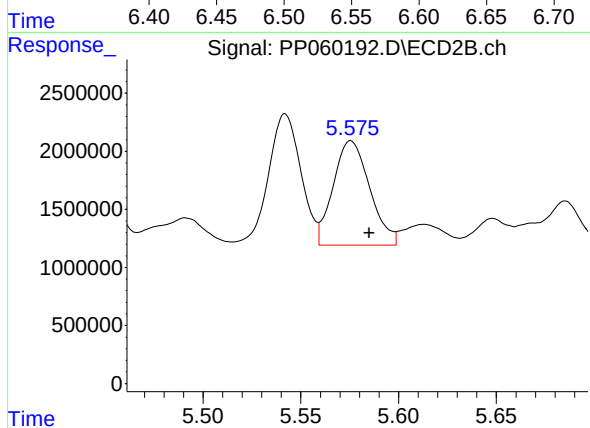
#25 AR-1248-5

R.T.: 5.613 min
Delta R.T.: -0.013 min
Response: 2672240
Conc: 40.51 ng/ml



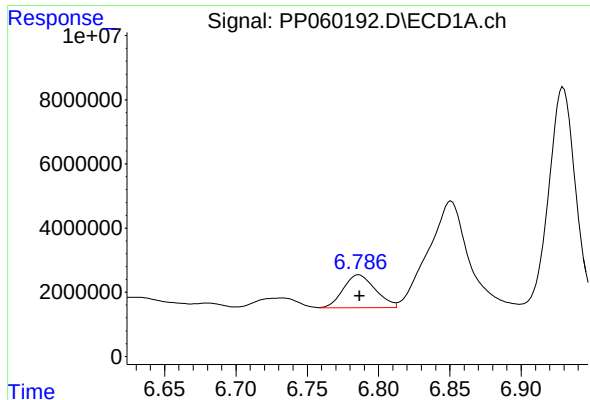
#26 AR-1254-1

R.T.: 6.559 min
Delta R.T.: -0.006 min
Response: 19706463
Conc: 246.84 ng/ml



#26 AR-1254-1

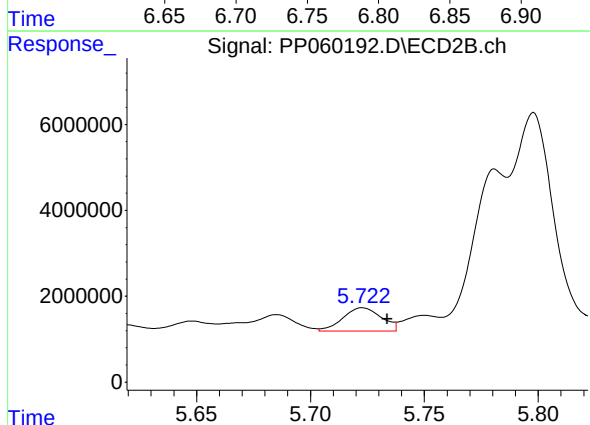
R.T.: 5.576 min
Delta R.T.: -0.009 min
Response: 11714721
Conc: 116.73 ng/ml



#27 AR-1254-2

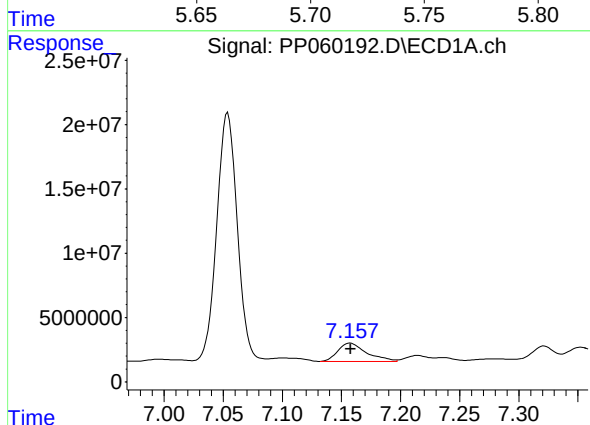
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 16017470
Conc: 133.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



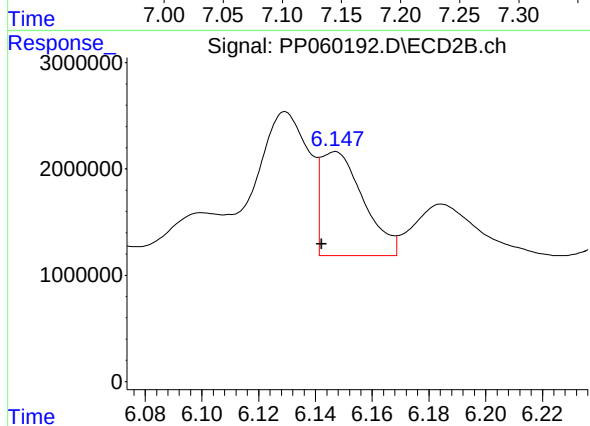
#27 AR-1254-2

R.T.: 5.723 min
Delta R.T.: -0.011 min
Response: 6420736
Conc: 73.91 ng/ml



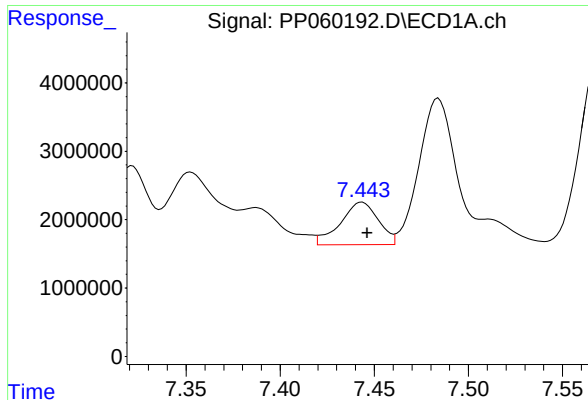
#28 AR-1254-3

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 24235990
Conc: 199.51 ng/ml



#28 AR-1254-3

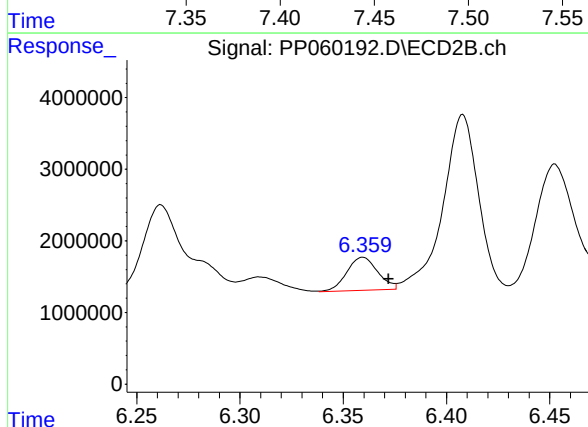
R.T.: 6.147 min
Delta R.T.: 0.005 min
Response: 10209091
Conc: 72.71 ng/ml



#29 AR-1254-4

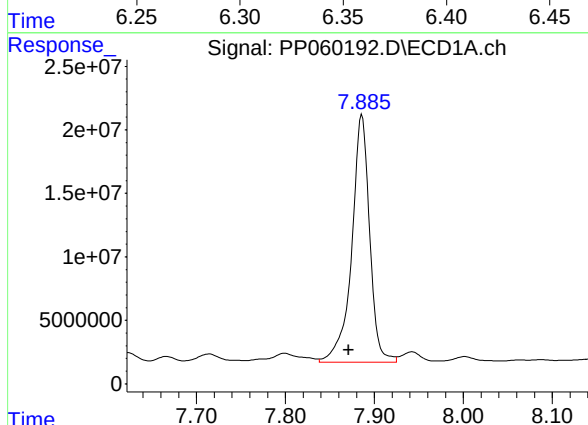
R.T.: 7.443 min
Delta R.T.: -0.003 min
Response: 8768195
Conc: 98.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



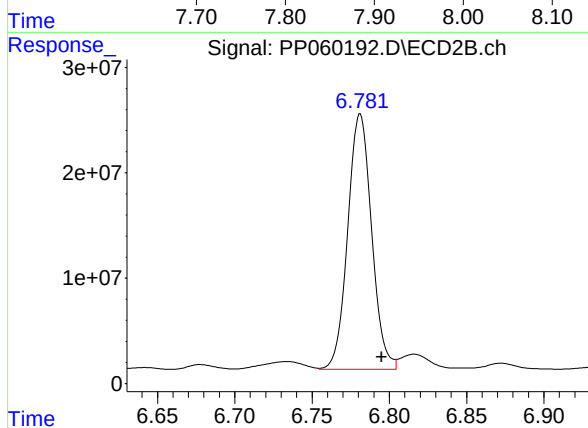
#29 AR-1254-4

R.T.: 6.360 min
Delta R.T.: -0.012 min
Response: 4823992
Conc: 57.31 ng/ml



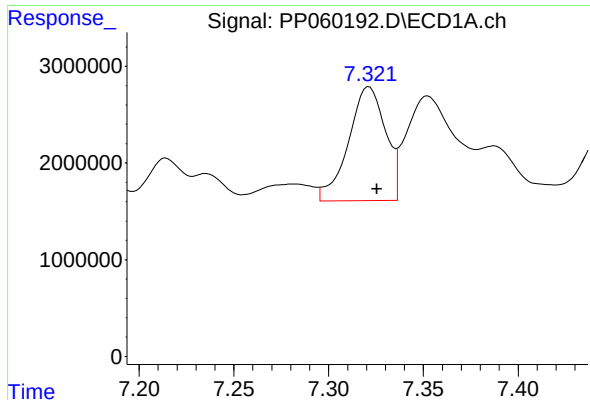
#30 AR-1254-5

R.T.: 7.886 min
Delta R.T.: 0.015 min
Response: 272489748
Conc: 2801.23 ng/ml



#30 AR-1254-5

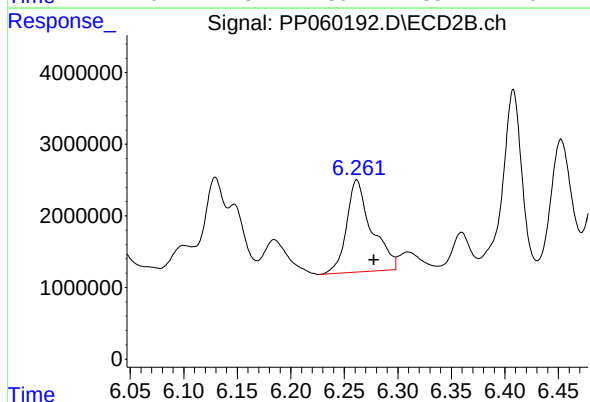
R.T.: 6.781 min
Delta R.T.: -0.014 min
Response: 259600795
Conc: 2188.55 ng/ml



#31 AR-1260-1

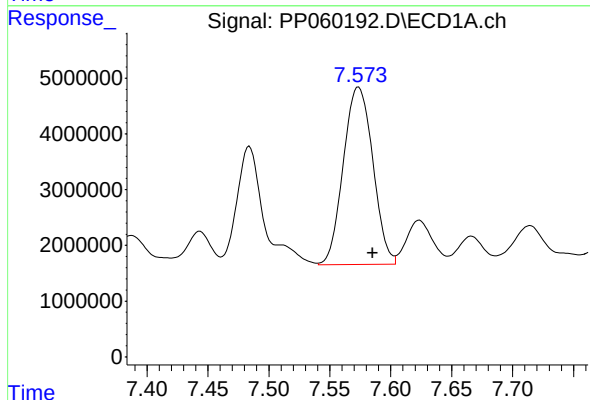
R.T.: 7.321 min
Delta R.T.: -0.004 min
Response: 15987876
Conc: 177.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



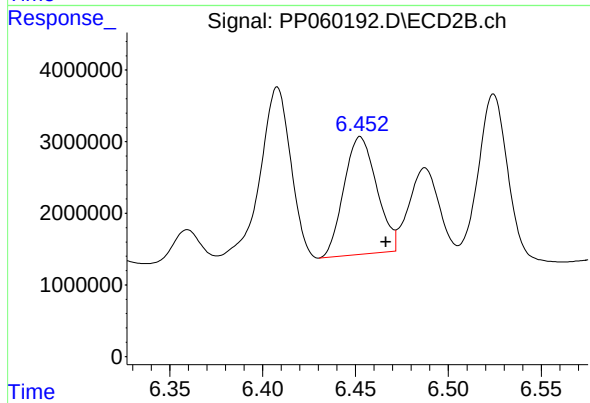
#31 AR-1260-1

R.T.: 6.262 min
Delta R.T.: -0.016 min
Response: 20807129
Conc: 223.45 ng/ml



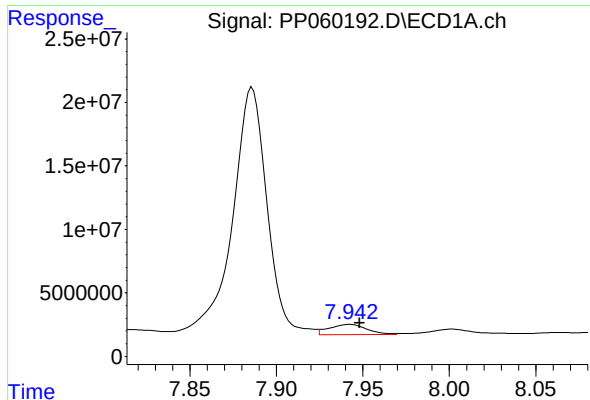
#32 AR-1260-2

R.T.: 7.574 min
Delta R.T.: -0.011 min
Response: 53785990
Conc: 524.29 ng/ml



#32 AR-1260-2

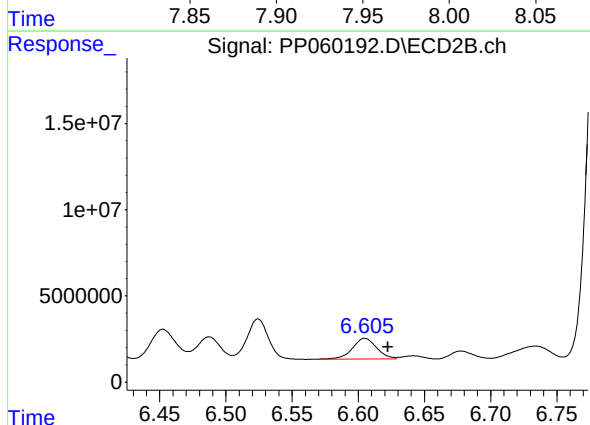
R.T.: 6.453 min
Delta R.T.: -0.014 min
Response: 20202706
Conc: 184.27 ng/ml



#33 AR-1260-3

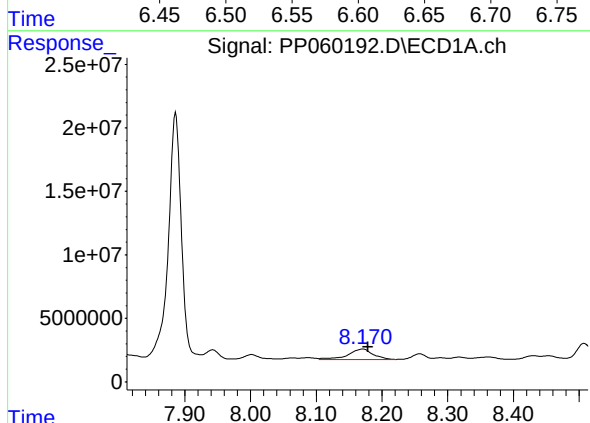
R.T.: 7.942 min
Delta R.T.: -0.006 min
Response: 12147994
Conc: 154.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



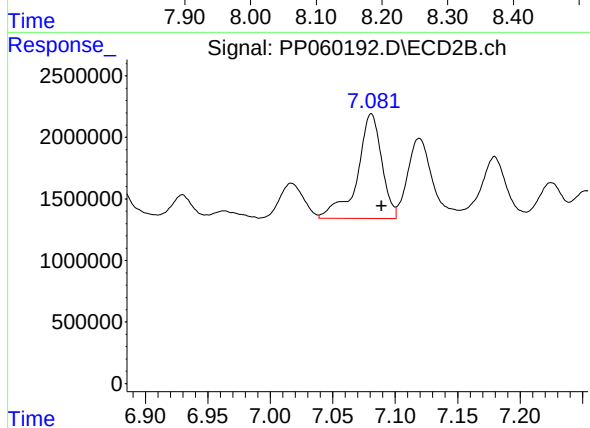
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: -0.017 min
Response: 15352411
Conc: 149.26 ng/ml



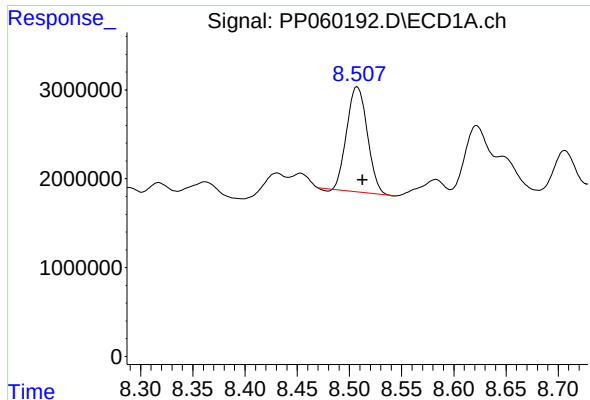
#34 AR-1260-4

R.T.: 8.171 min
Delta R.T.: -0.008 min
Response: 21999366
Conc: 245.47 ng/ml



#34 AR-1260-4

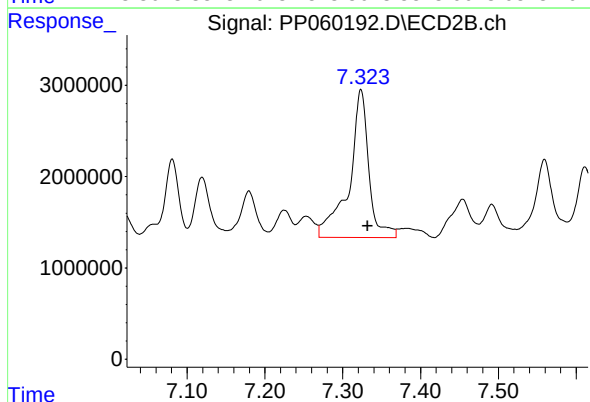
R.T.: 7.081 min
Delta R.T.: -0.008 min
Response: 11603174
Conc: 139.32 ng/ml



#35 AR-1260-5

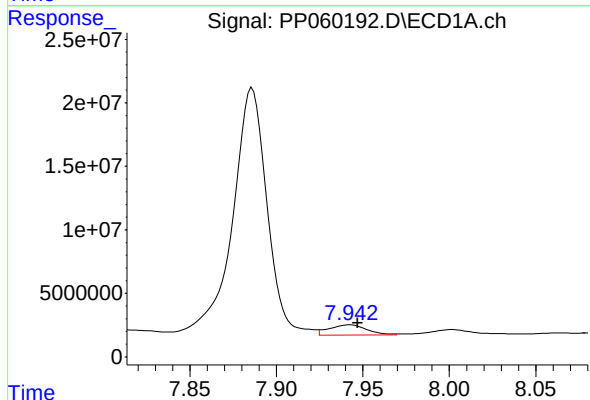
R.T.: 8.508 min
Delta R.T.: -0.005 min
Response: 16186440
Conc: 94.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



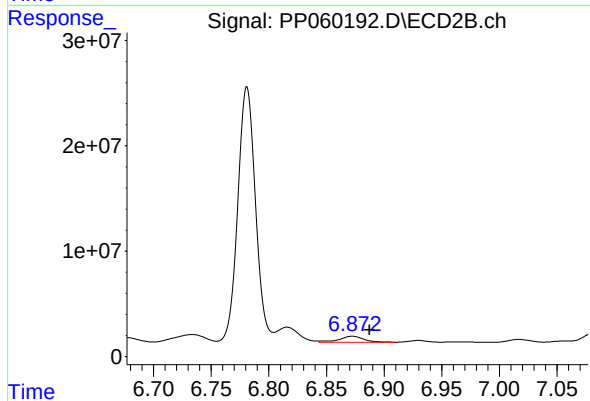
#35 AR-1260-5

R.T.: 7.323 min
Delta R.T.: -0.009 min
Response: 28287703
Conc: 147.02 ng/ml



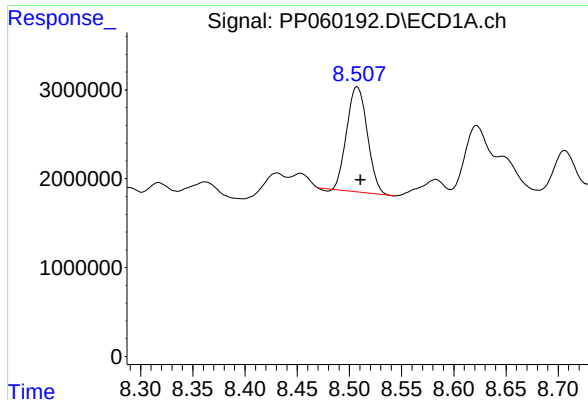
#36 AR-1262-1

R.T.: 7.942 min
Delta R.T.: -0.005 min
Response: 12147994
Conc: 104.97 ng/ml



#36 AR-1262-1

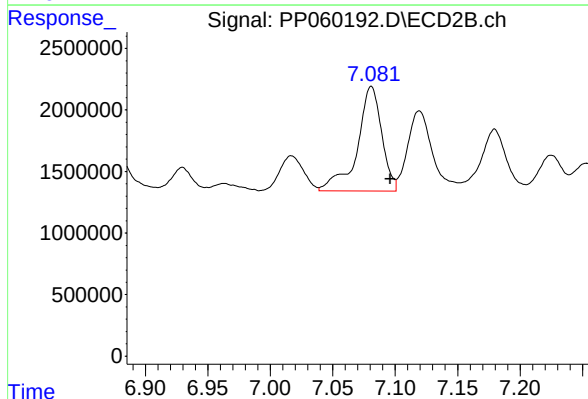
R.T.: 6.872 min
Delta R.T.: -0.015 min
Response: 8242443
Conc: 163.30 ng/ml



#37 AR-1262-2

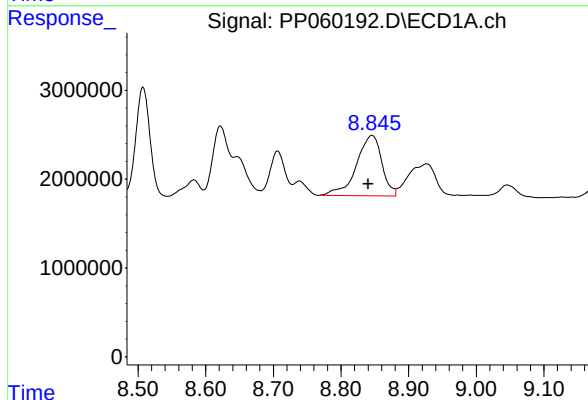
R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 16186440
Conc: 80.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



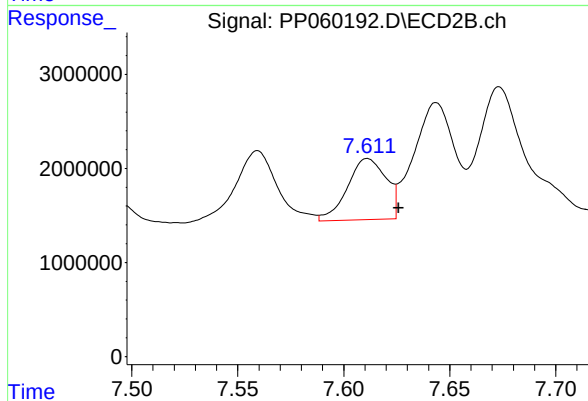
#37 AR-1262-2

R.T.: 7.081 min
Delta R.T.: -0.015 min
Response: 11603174
Conc: 102.71 ng/ml



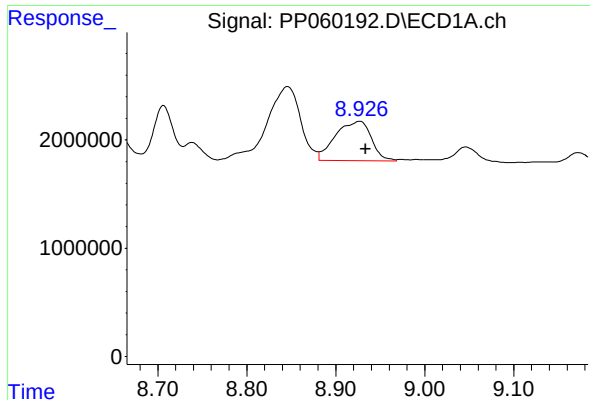
#38 AR-1262-3

R.T.: 8.846 min
Delta R.T.: 0.005 min
Response: 17769284
Conc: 123.40 ng/ml



#38 AR-1262-3

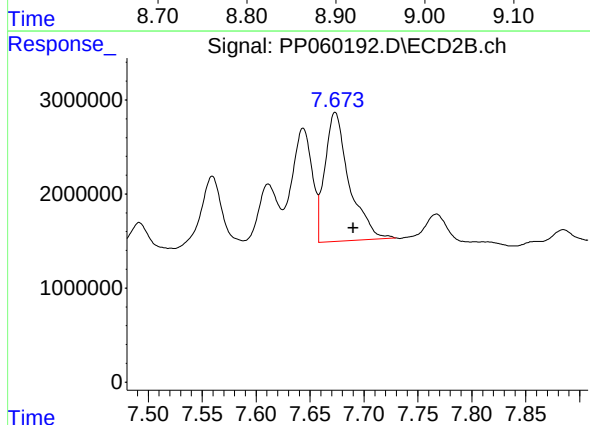
R.T.: 7.611 min
Delta R.T.: -0.015 min
Response: 8255232
Conc: 94.18 ng/ml



#39 AR-1262-4

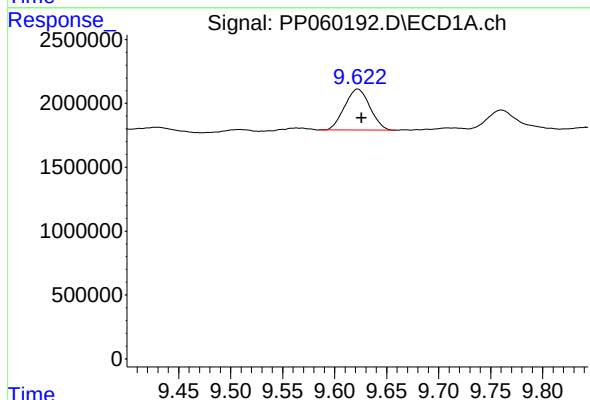
R.T.: 8.927 min
Delta R.T.: -0.007 min
Response: 10200598
Conc: 89.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



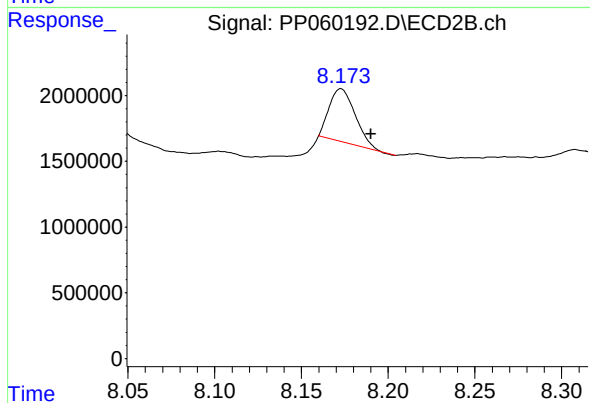
#39 AR-1262-4

R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 21533899
Conc: 131.86 ng/ml



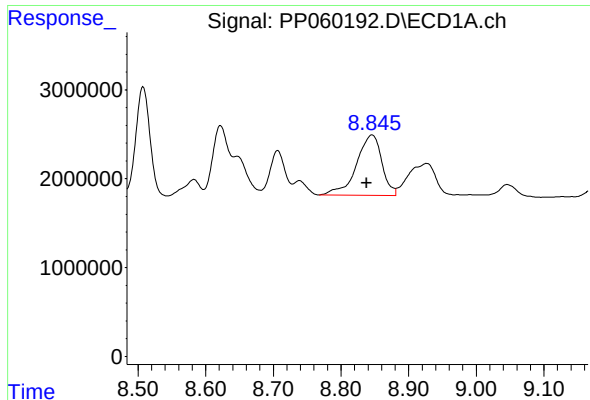
#40 AR-1262-5

R.T.: 9.622 min
Delta R.T.: -0.003 min
Response: 5451957
Conc: 73.08 ng/ml



#40 AR-1262-5

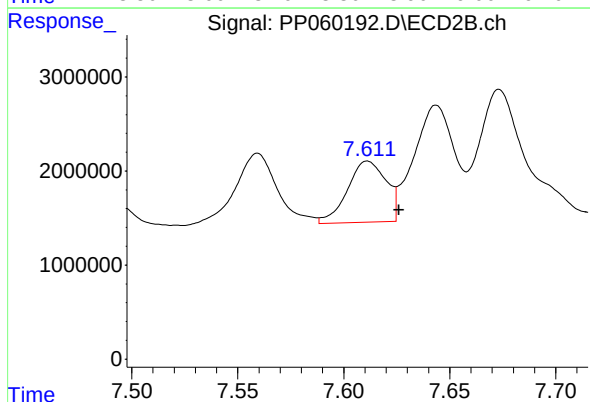
R.T.: 8.173 min
Delta R.T.: -0.017 min
Response: 4183486
Conc: 56.05 ng/ml



#41 AR-1268-1

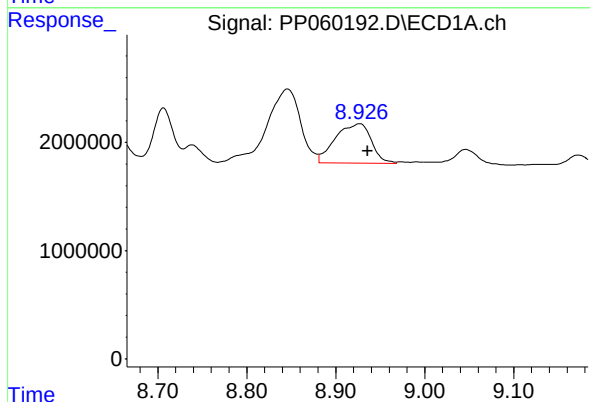
R.T.: 8.846 min
Delta R.T.: 0.008 min
Response: 17769284
Conc: 70.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



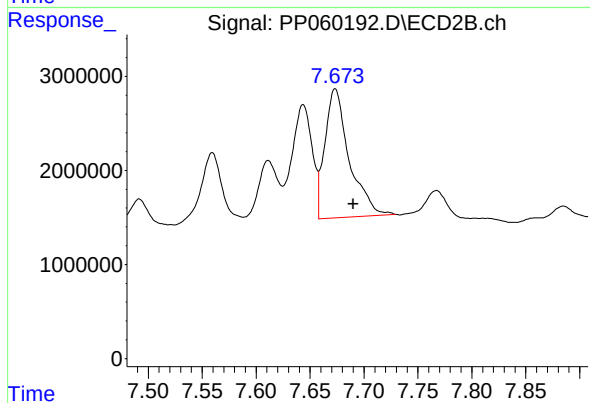
#41 AR-1268-1

R.T.: 7.611 min
Delta R.T.: -0.015 min
Response: 8255232
Conc: 31.71 ng/ml



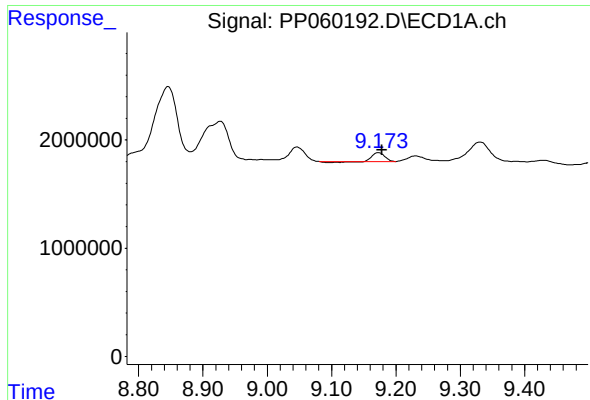
#42 AR-1268-2

R.T.: 8.927 min
Delta R.T.: -0.009 min
Response: 10200598
Conc: 44.45 ng/ml



#42 AR-1268-2

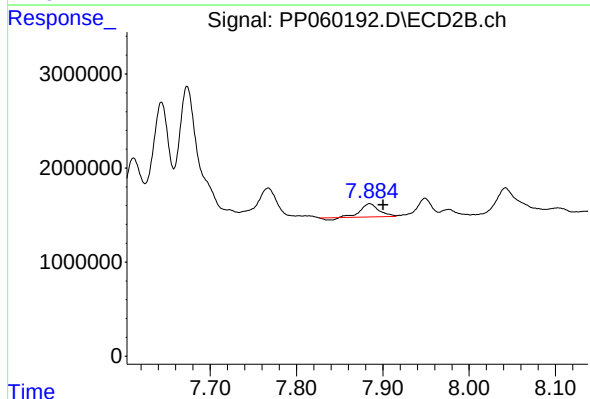
R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 21533899
Conc: 93.14 ng/ml



#43 AR-1268-3

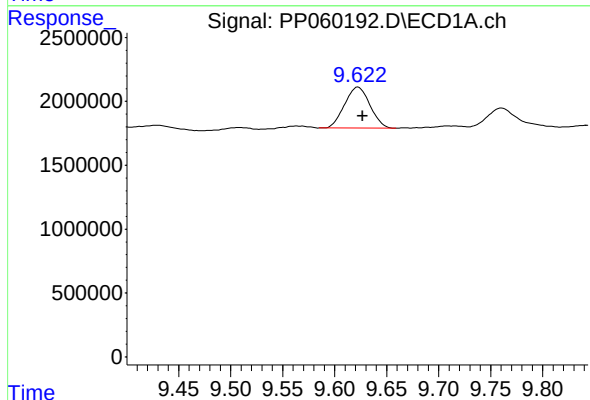
R.T.: 9.173 min
Delta R.T.: -0.005 min
Response: 997626
Conc: 5.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



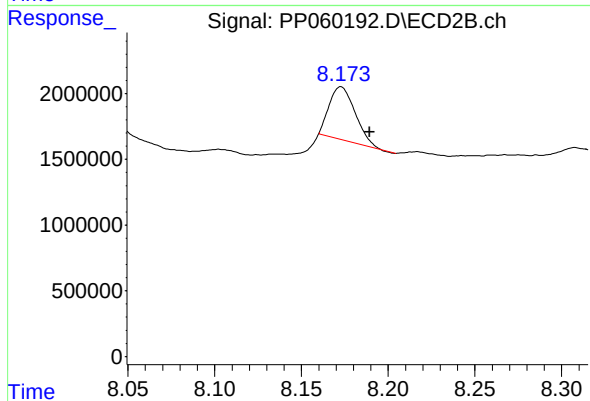
#43 AR-1268-3

R.T.: 7.885 min
Delta R.T.: -0.016 min
Response: 1940519
Conc: 9.50 ng/ml



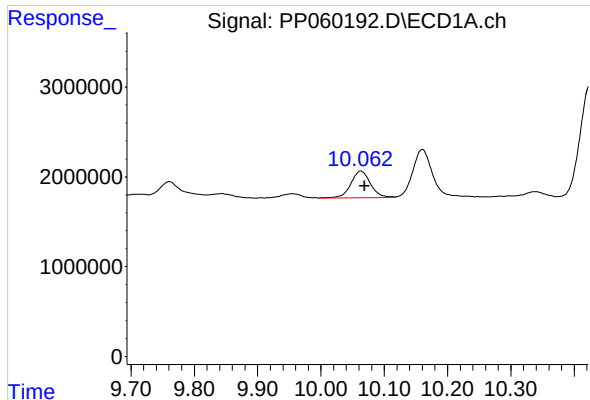
#44 AR-1268-4

R.T.: 9.622 min
Delta R.T.: -0.004 min
Response: 5451957
Conc: 65.82 ng/ml



#44 AR-1268-4

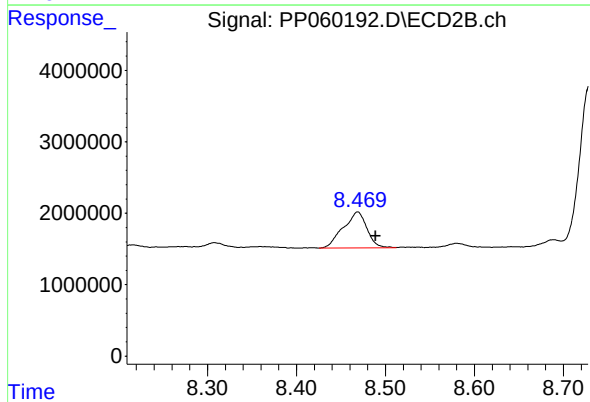
R.T.: 8.173 min
Delta R.T.: -0.016 min
Response: 4183486
Conc: 51.81 ng/ml



#45 AR-1268-5

R.T.: 10.063 min
Delta R.T.: -0.006 min
Response: 6422797
Conc: 10.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.469 min
Delta R.T.: -0.020 min
Response: 9343805
Conc: 14.79 ng/ml